

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142244.D
 Acq On : 30 Apr 2025 13:46
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	179073	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	691236	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	360144	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	604171	20.000	ng	0.00
76) Chrysene-d12	14.074	240	322957	20.000	ng	0.00
86) Perylene-d12	15.568	264	337726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1150166	102.577	ng	0.00
7) Phenol-d6	6.528	99	1387418	102.468	ng	0.00
23) Nitrobenzene-d5	7.475	82	1213856	115.369	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	369823	112.641	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2425708	94.966	ng	0.00
79) Terphenyl-d14	13.021	244	2247982	101.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	259869	51.894	ng	99
3) Pyridine	3.463	79	672711	51.688	ng	100
4) n-Nitrosodimethylamine	3.416	42	353028	52.416	ng	96
6) Aniline	6.575	93	986118	51.454	ng	99
8) 2-Chlorophenol	6.692	128	606252	52.325	ng	99
9) Benzaldehyde	6.463	77	482619	50.998	ng	98
10) Phenol	6.539	94	755326m	51.820	ng	
11) bis(2-Chloroethyl)ether	6.645	93	575347	50.934	ng	100
12) 1,3-Dichlorobenzene	6.851	146	661612	50.476	ng	99
13) 1,4-Dichlorobenzene	6.928	146	666083	50.439	ng	99
14) 1,2-Dichlorobenzene	7.081	146	640983	50.843	ng	100
15) Benzyl Alcohol	7.045	79	504297	52.514	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1049319	51.444	ng	100
17) 2-Methylphenol	7.151	107	485145	51.113	ng	100
18) Hexachloroethane	7.428	117	229911	53.193	ng	97
19) n-Nitroso-di-n-propyla...	7.328	70	420535	50.261	ng	99
20) 3+4-Methylphenols	7.310	107	611404	51.510	ng	# 89
22) Acetophenone	7.322	105	796460	49.805	ng	96
24) Nitrobenzene	7.492	77	584670	56.634	ng	99
25) Isophorone	7.734	82	1129933	51.170	ng	99
26) 2-Nitrophenol	7.810	139	228021	51.526	ng	97
27) 2,4-Dimethylphenol	7.839	122	576054	51.741	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	708439	50.870	ng	99
29) 2,4-Dichlorophenol	8.045	162	494488	53.125	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	524508	50.497	ng	100
31) Naphthalene	8.216	128	1725818	50.064	ng	100
32) Benzoic acid	7.939	122	252184	47.667	ng	98
33) 4-Chloroaniline	8.257	127	730860	50.914	ng	99
34) Hexachlorobutadiene	8.333	225	307118	50.679	ng	99
35) Caprolactam	8.628	113	154579	55.251	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	505527	52.891	ng	100
37) 2-Methylnaphthalene	8.904	142	1057924	49.915	ng	100
38) 1-Methylnaphthalene	9.004	142	1107217	50.427	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	509426	50.261	ng	99
41) Hexachlorocyclopentadiene	9.063	237	331287	57.591	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	337910	53.801	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	370489	56.106	ng	98
46) 1,1'-Biphenyl	9.369	154	1392513	49.736	ng	100
47) 2-Chloronaphthalene	9.398	162	1041842	50.015	ng	100
48) 2-Nitroaniline	9.486	65	284370	51.394	ng	100
49) Acenaphthylene	9.810	152	1769441	50.339	ng	100
50) Dimethylphthalate	9.669	163	1178638	51.156	ng	99
51) 2,6-Dinitrotoluene	9.727	165	232906	52.309	ng	99
52) Acenaphthene	9.986	154	1024409	49.912	ng	100
53) 3-Nitroaniline	9.898	138	279608	51.745	ng	97
54) 2,4-Dinitrophenol	9.998	184	62086	50.725	ng	98
55) Dibenzofuran	10.157	168	1542097	50.123	ng	100
56) 4-Nitrophenol	10.039	139	210153	58.029	ng	99
57) 2,4-Dinitrotoluene	10.127	165	280193	51.918	ng	98
58) Fluorene	10.498	166	1146269	49.000	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	300782	54.989	ng	99
60) Diethylphthalate	10.369	149	1170793	51.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	553271	49.802	ng	98
62) 4-Nitroaniline	10.510	138	258117	52.547	ng	100
63) Azobenzene	10.651	77	1150899	51.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	98114	49.012	ng	95
66) n-Nitrosodiphenylamine	10.610	169	1041277	50.442	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	340298	50.576	ng	97
68) Hexachlorobenzene	11.045	284	384807	51.064	ng	99
69) Atrazine	11.133	200	287405	52.819	ng	100
70) Pentachlorophenol	11.233	266	219414	55.114	ng	98
71) Phenanthrene	11.463	178	1607091	49.244	ng	99
72) Anthracene	11.510	178	1659788	49.744	ng	100
73) Carbazole	11.663	167	1504715	49.436	ng	100
74) Di-n-butylphthalate	11.998	149	1578769	51.573	ng	100
75) Fluoranthene	12.651	202	1563998	48.481	ng	99
77) Benzidine	12.768	184	762858	55.590	ng	99
78) Pyrene	12.880	202	1563568	52.484	ng	100
80) Butylbenzylphthalate	13.498	149	423529	51.685	ng	100
81) Benzo(a)anthracene	14.068	228	1120699	51.691	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	363124	57.021	ng	98
83) Chrysene	14.104	228	990991	50.214	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	585800	51.638	ng	100
85) Di-n-octyl phthalate	14.680	149	1065626	51.078	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1313336	53.091	ng	99
88) Benzo(b)fluoranthene	15.127	252	1073096	51.153	ng	100
89) Benzo(k)fluoranthene	15.162	252	967248	50.408	ng	98
90) Benzo(a)pyrene	15.504	252	996599	51.890	ng	100
91) Dibenzo(a,h)anthracene	17.103	278	1073246	53.457	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1069402	52.984	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

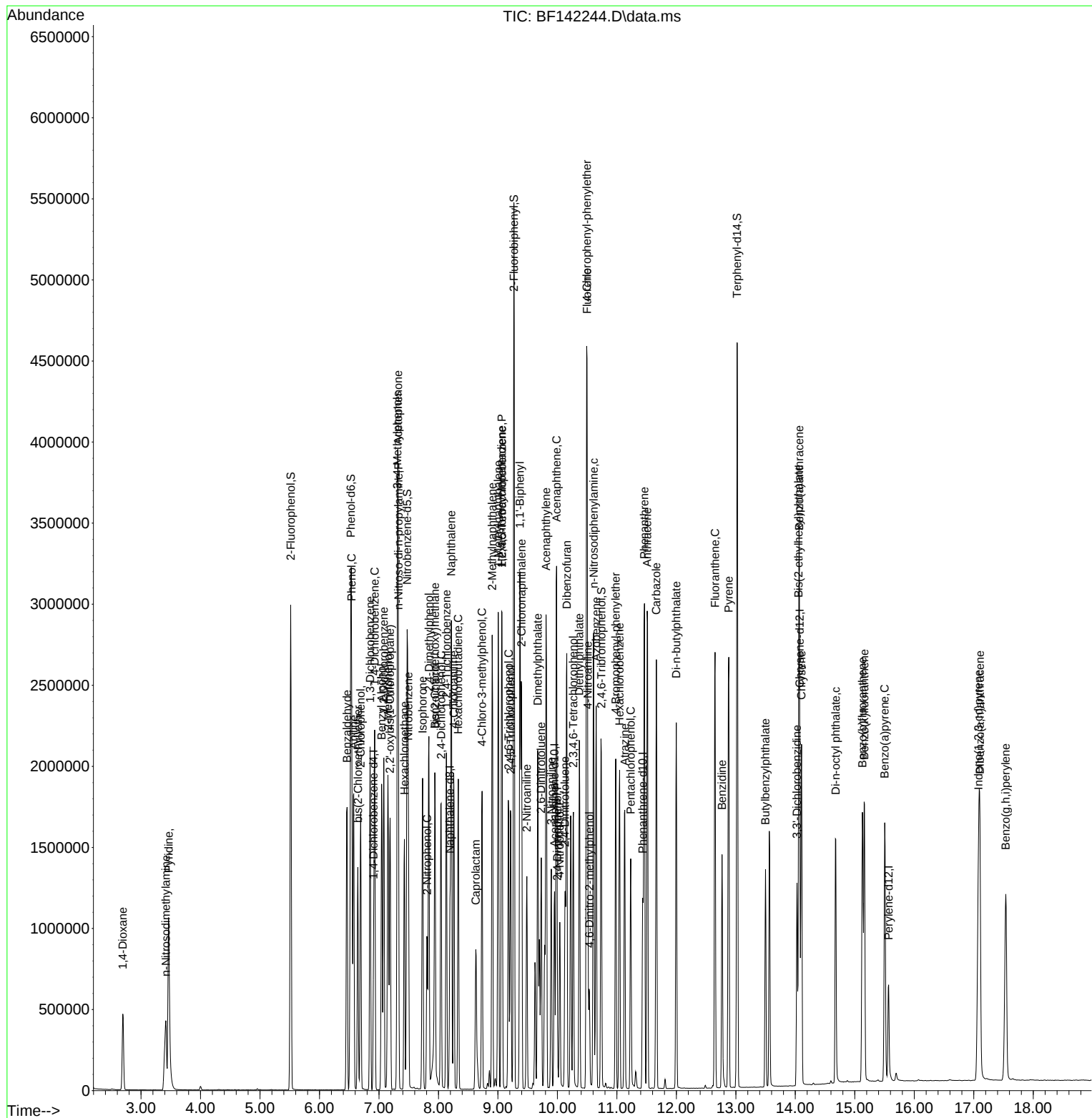
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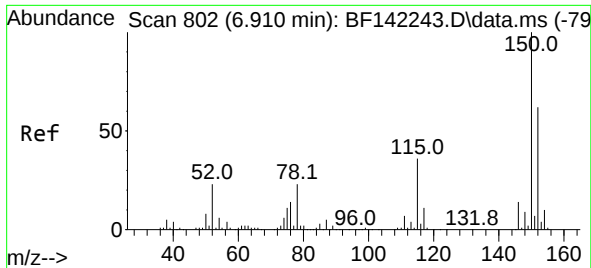
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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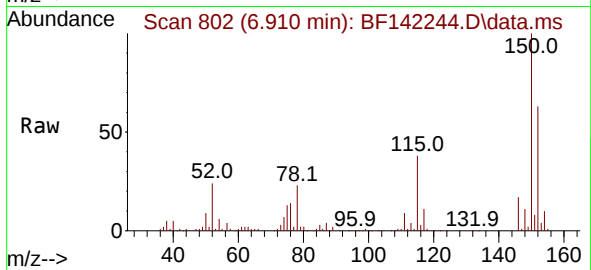
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142244.D
 Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



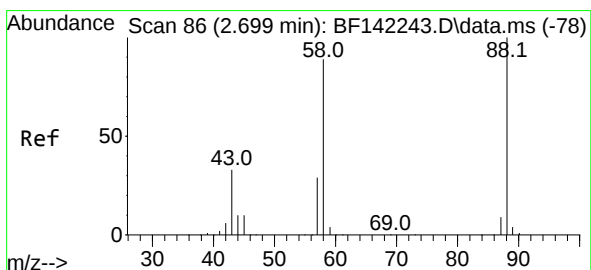
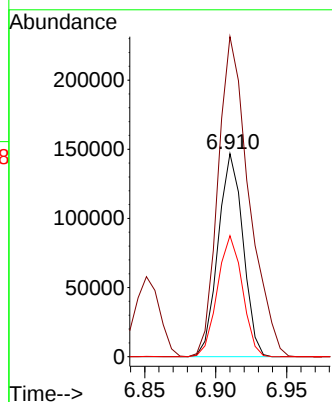
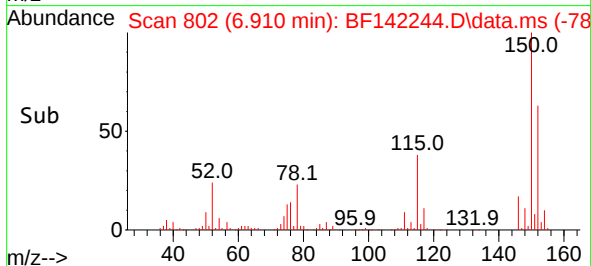
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 Ion Ratio Lower Upper
 152 100
 150 157.6 130.2 195.2
 115 59.6 47.0 70.4

Manual Integrations

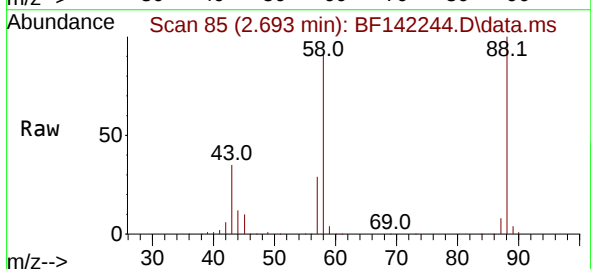
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Reviewed By :Rahul Chavli 05/01/2025

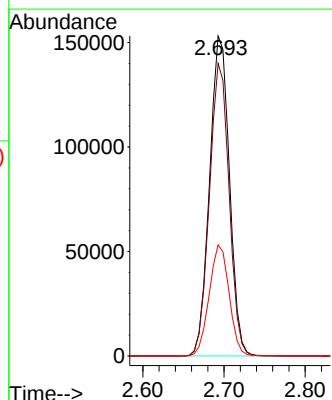
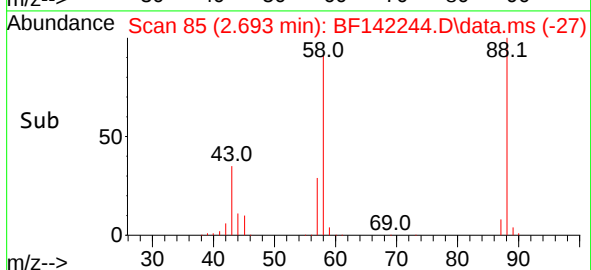
Supervised By :Jagrut Upadhyay 05/01/2025

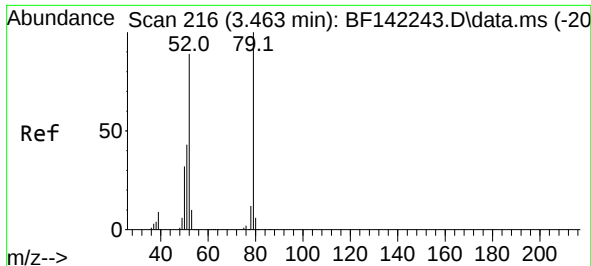


#2
 1,4-Dioxane
 Concen: 51.894 ng
 RT: 2.693 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: BF142244.D
 Acq: 30 Apr 2025 13:46



Tgt Ion: 88 Resp: 259869
 Ion Ratio Lower Upper
 88 100
 58 90.5 72.2 108.2
 43 35.0 27.0 40.6





#3

Pyridine

Concen: 51.688 ng

RT: 3.463 min Scan# 216

Delta R.T. -0.000 min

Lab File: BF142244.D

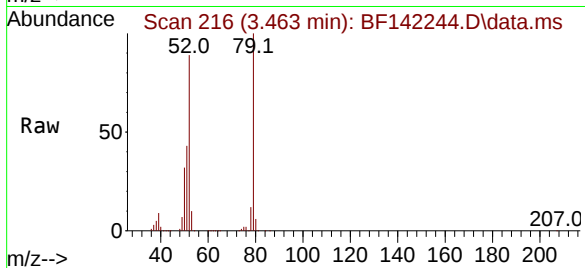
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



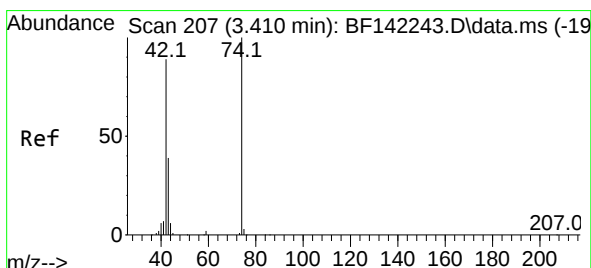
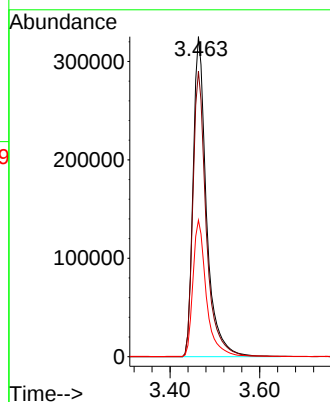
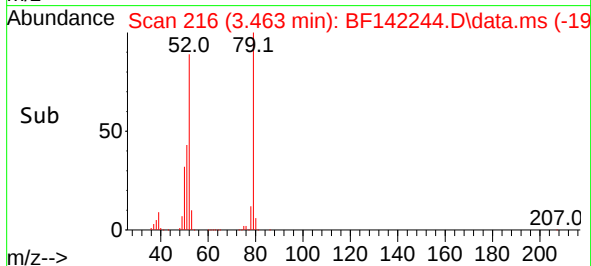
Tgt Ion: 79	Resp: 67271
Ion Ratio	Lower Upper
79	100
52	89.2 71.5 107.3
51	42.6 34.5 51.7

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#4

n-Nitrosodimethylamine

Concen: 52.416 ng

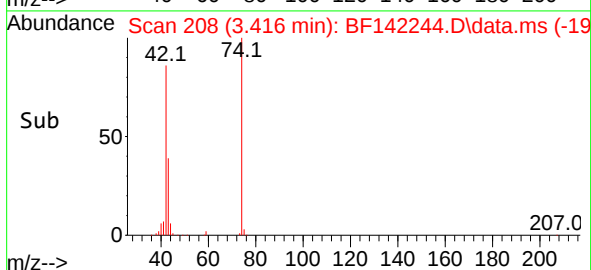
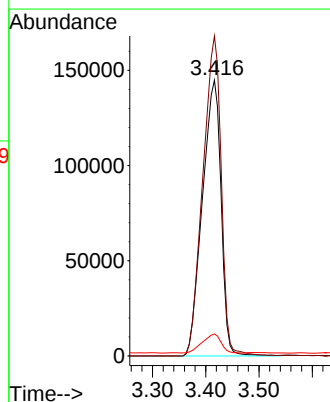
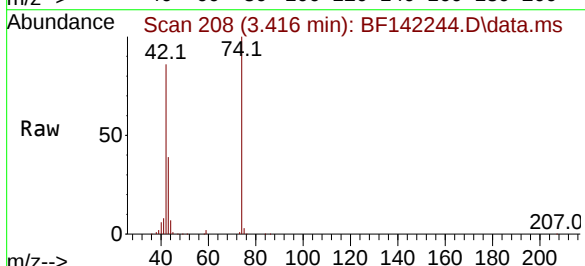
RT: 3.416 min Scan# 208

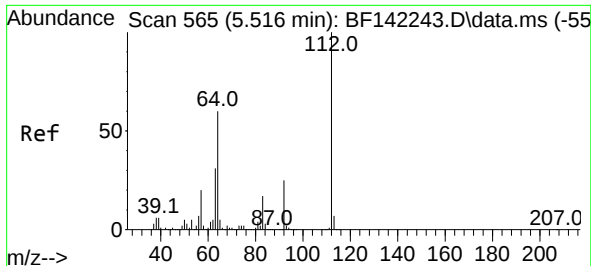
Delta R.T. 0.006 min

Lab File: BF142244.D

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Tgt Ion: 42	Resp: 353028
Ion Ratio	Lower Upper
42	100
74	116.0 89.5 134.3
44	7.9 6.6 9.8





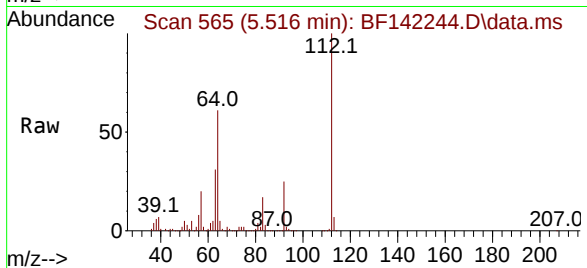
#5
2-Fluorophenol
Concen: 102.577 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

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BNA_F

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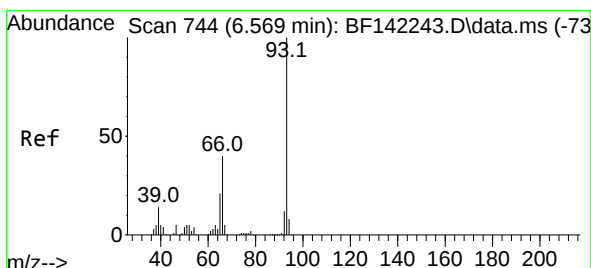
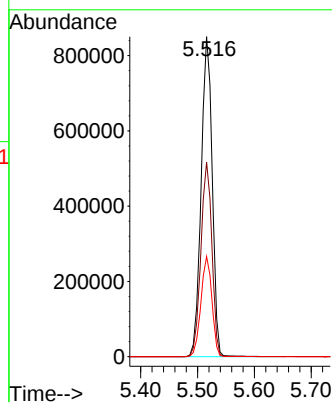
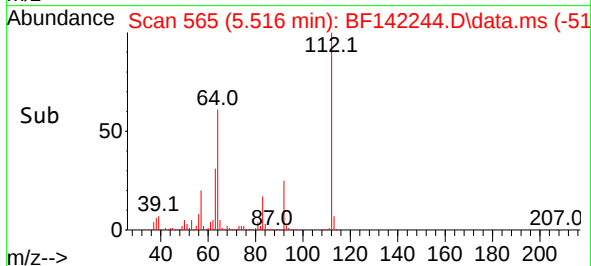
Tgt Ion:112 Resp: 115016
Ion Ratio Lower Upper
112 100
64 60.8 48.4 72.6
63 31.3 24.8 37.2

Manual Integrations

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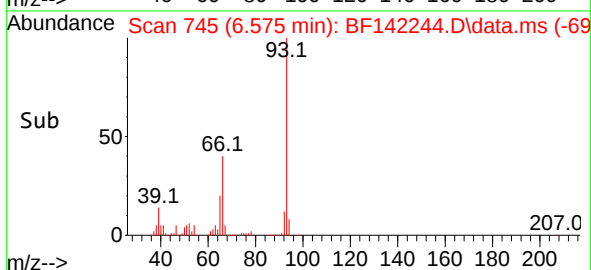
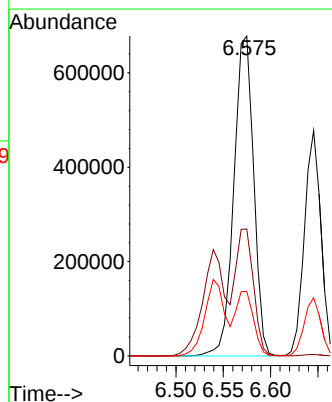
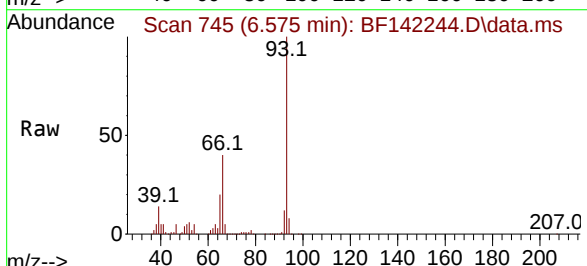
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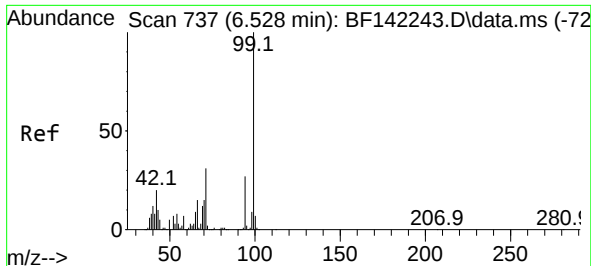
Supervised By :Jagrut Upadhyay 05/01/2025



#6
Aniline
Concen: 51.454 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

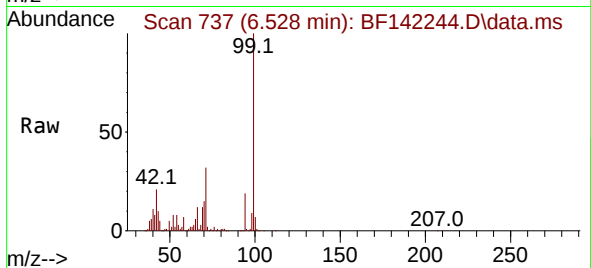
Tgt Ion: 93 Resp: 986118
Ion Ratio Lower Upper
93 100
66 39.7 32.1 48.1
65 20.2 16.6 24.8





#7
Phenol-d6
Concen: 102.468 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

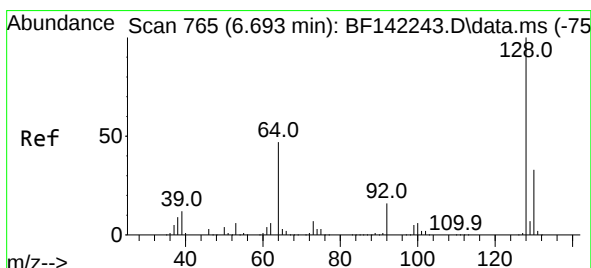
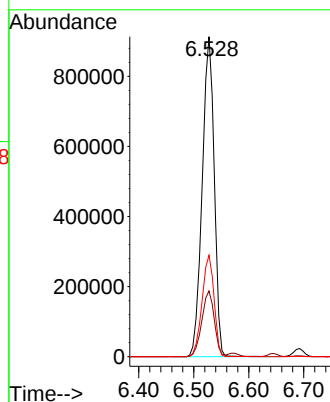
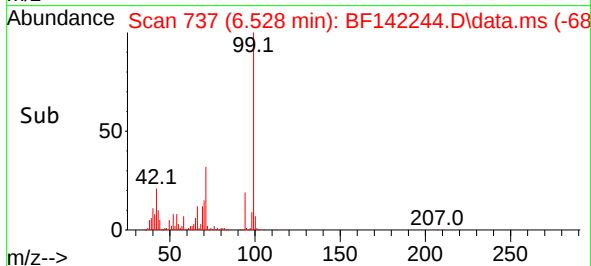
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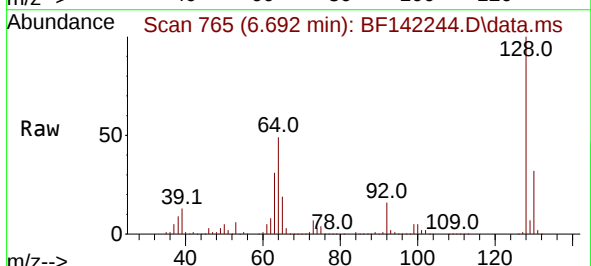
Tgt Ion: 99 Resp: 1387418
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 31.7 25.0 37.4

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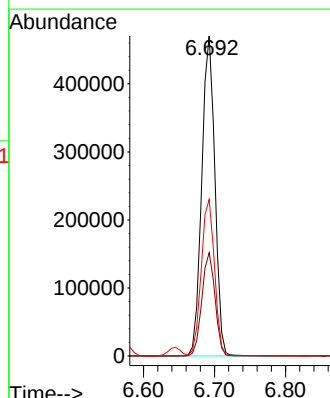
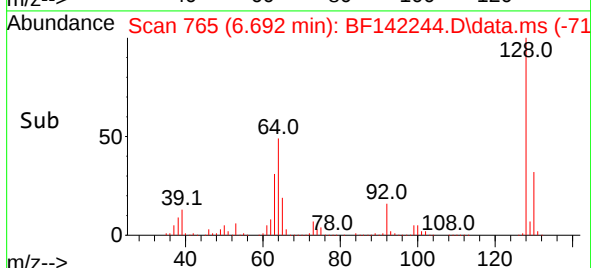
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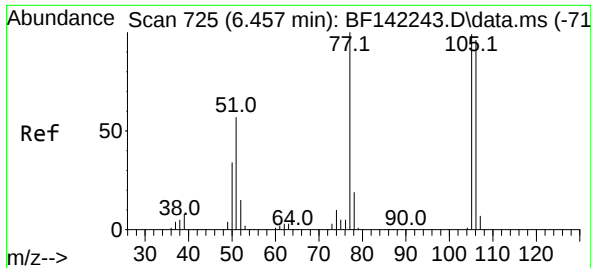


#8
2-Chlorophenol
Concen: 52.325 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142244.D
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Tgt Ion:128 Resp: 606252
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 48.9 28.6 68.6





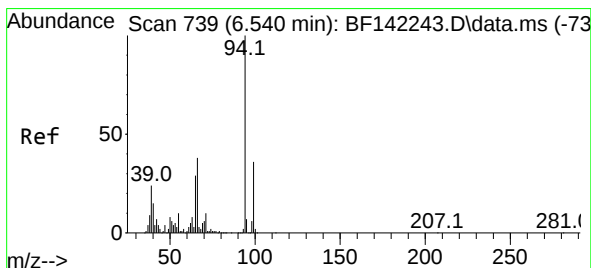
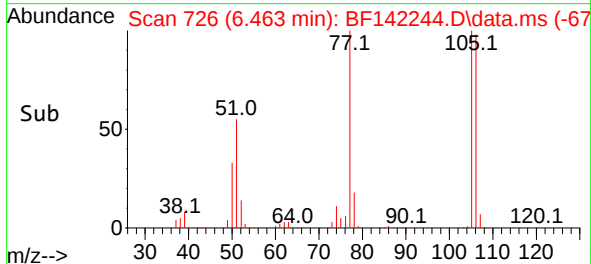
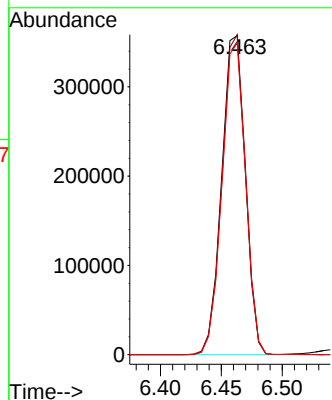
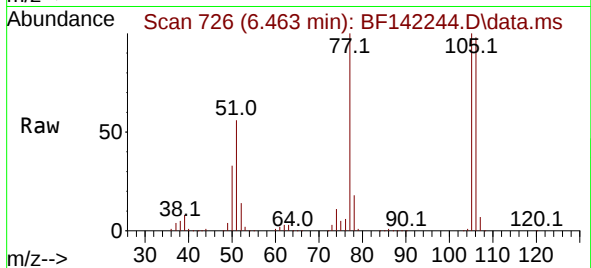
#9
Benzaldehyde
Concen: 50.998 ng
RT: 6.463 min Scan# 725
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

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Tgt Ion: 77 Resp: 482619
Ion Ratio Lower Upper
77 100
105 100.3 79.1 119.1
106 97.8 76.0 116.0

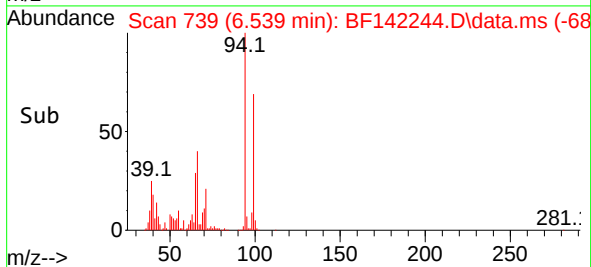
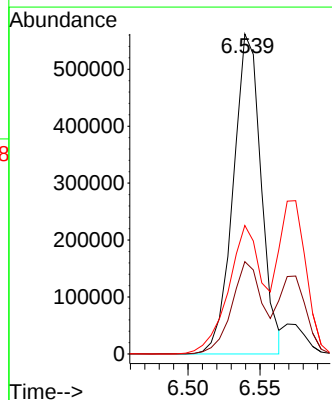
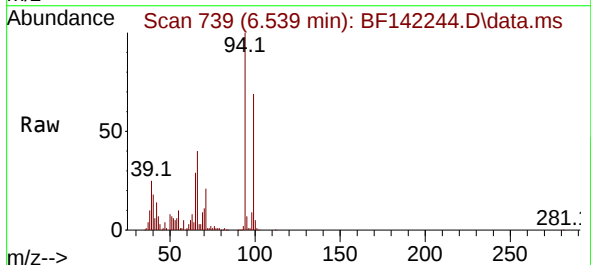
Manual Integrations
APPROVED

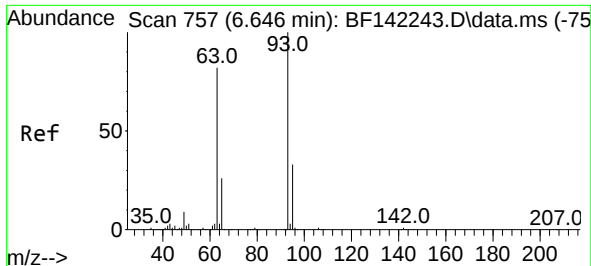
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#10
Phenol
Concen: 51.820 ng m
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 94 Resp: 755326
Ion Ratio Lower Upper
94 100
65 28.8 8.9 48.9
66 40.2 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 50.934 ng

RT: 6.645 min Scan# 757

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 57534

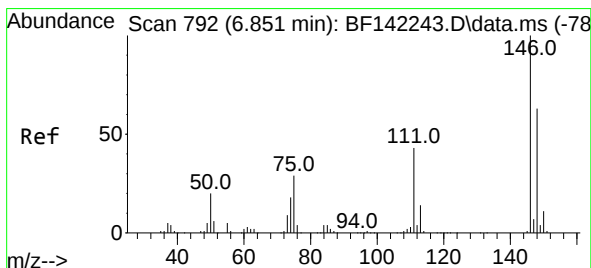
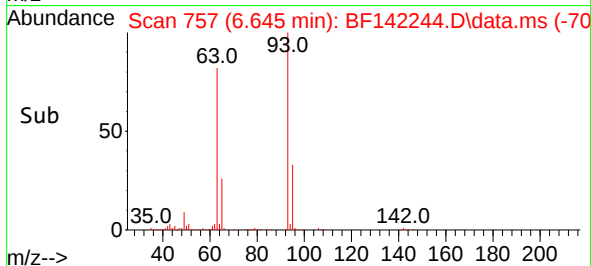
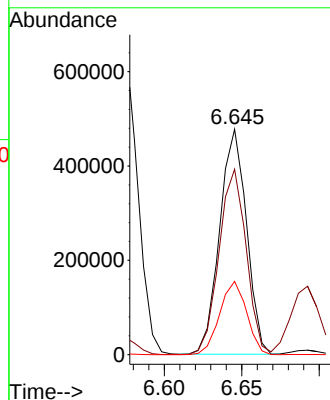
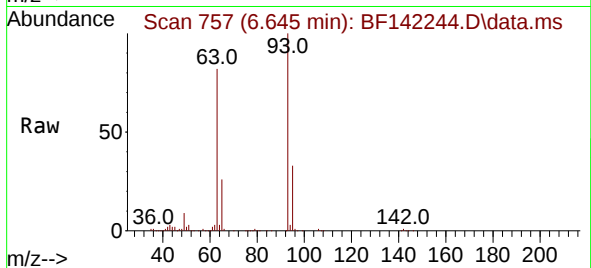
Ion	Ratio	Lower	Upper
93	100		
63	82.3	62.2	102.2
95	32.5	12.7	52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#12

1,3-Dichlorobenzene

Concen: 50.476 ng

RT: 6.851 min Scan# 792

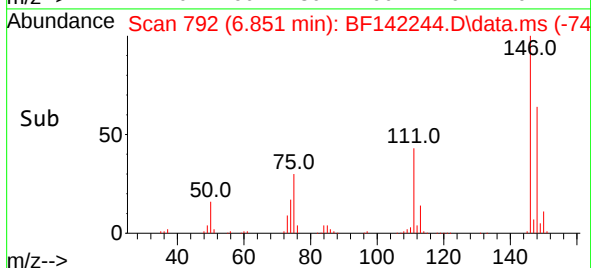
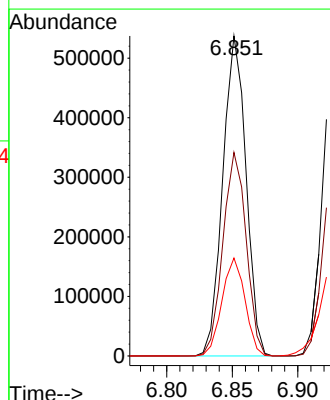
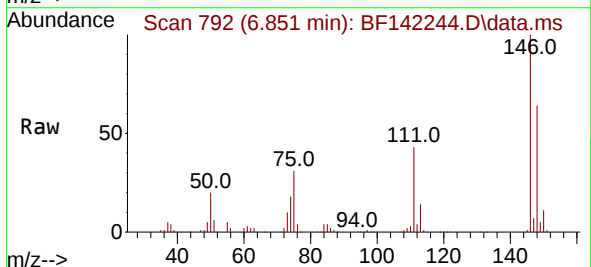
Delta R.T. -0.000 min

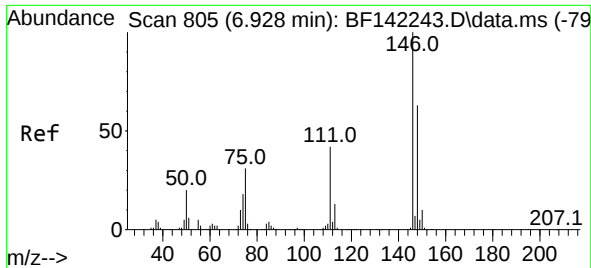
Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Tgt Ion:146 Resp: 661612

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
75	30.6	23.2	34.8





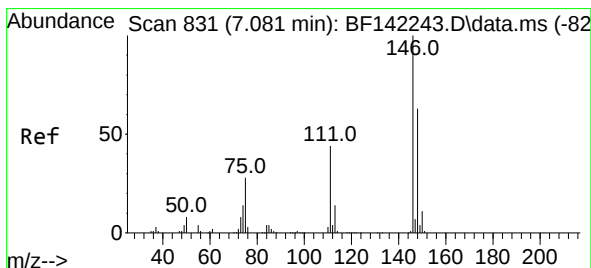
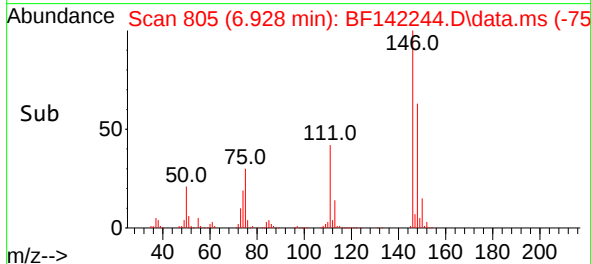
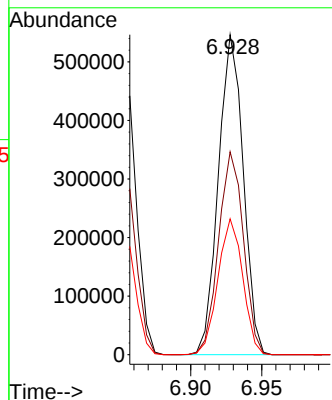
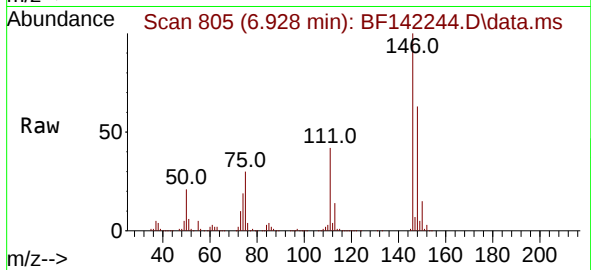
#13
1,4-Dichlorobenzene
Concen: 50.439 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 666083
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
111 42.4 33.4 50.0

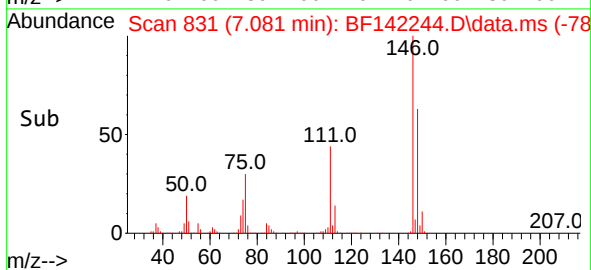
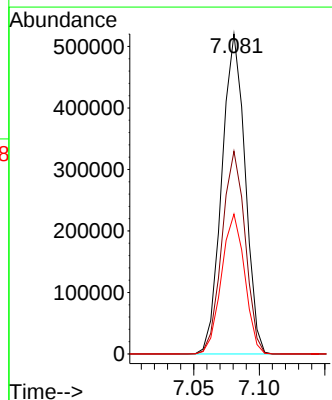
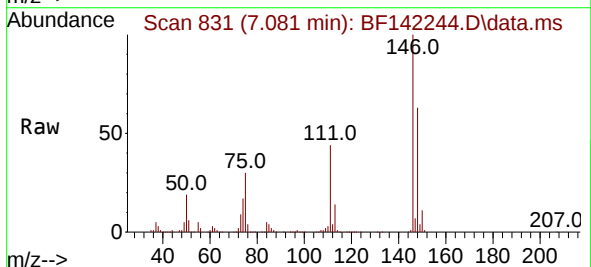
Manual Integrations
APPROVED

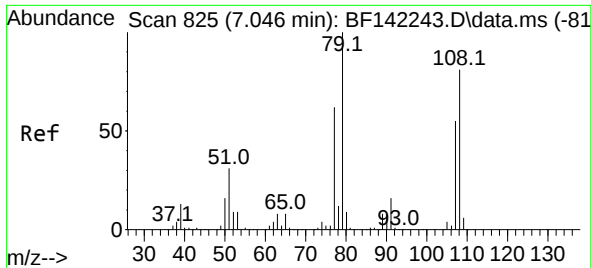
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#14
1,2-Dichlorobenzene
Concen: 50.843 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:146 Resp: 640983
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 43.7 34.9 52.3





#15
Benzyl Alcohol
Concen: 52.514 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

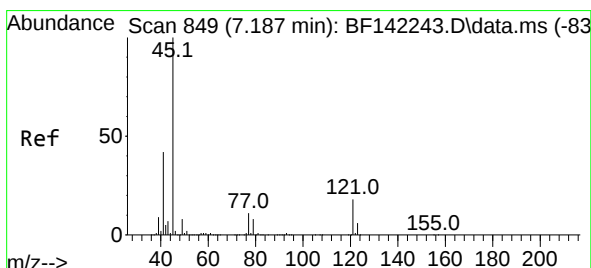
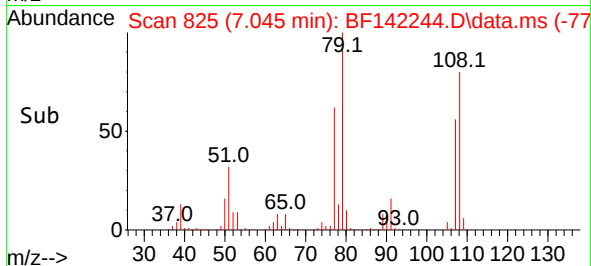
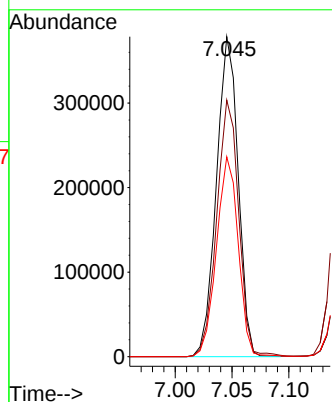
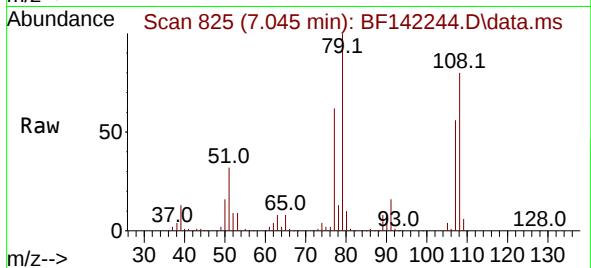
SSTDICC050

Tgt Ion: 79 Resp: 50429
Ion Ratio Lower Upper
79 100
108 80.2 64.5 96.7
77 62.5 49.2 73.8

Manual Integrations

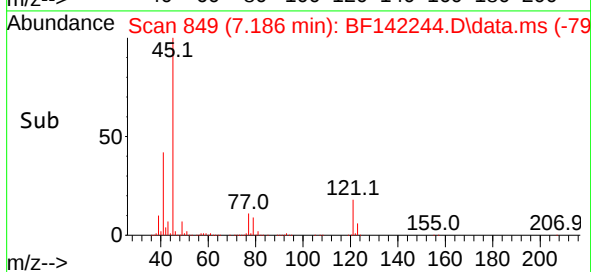
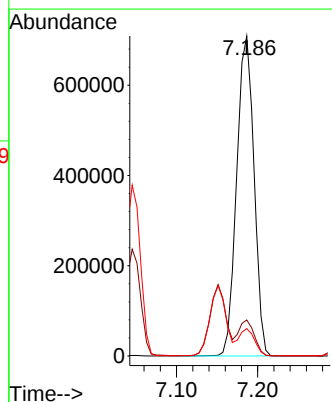
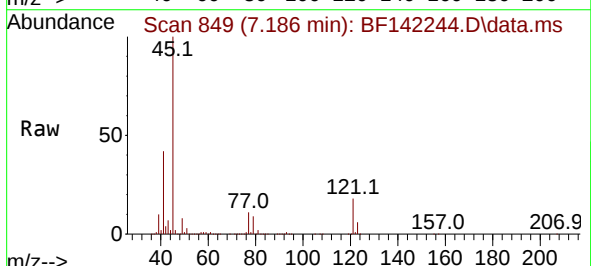
APPROVED

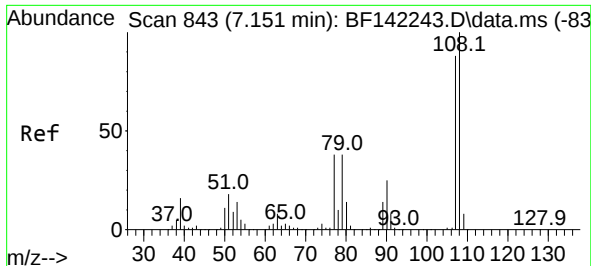
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.444 ng
RT: 7.186 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 45 Resp: 1049319
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.3
79 8.6 0.0 28.5





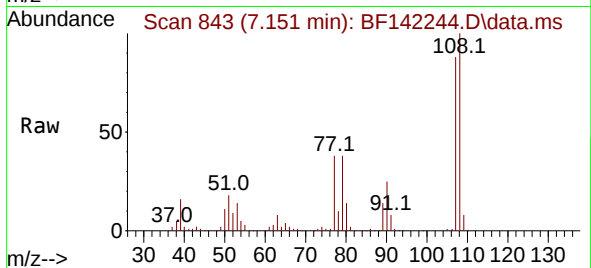
#17
2-Methylphenol
Concen: 51.113 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

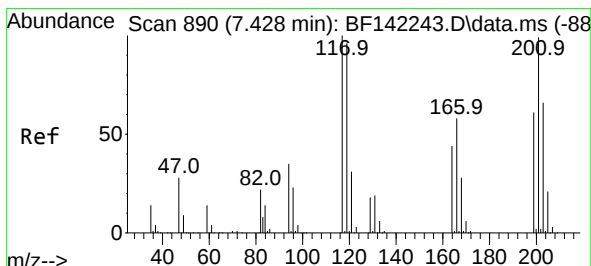
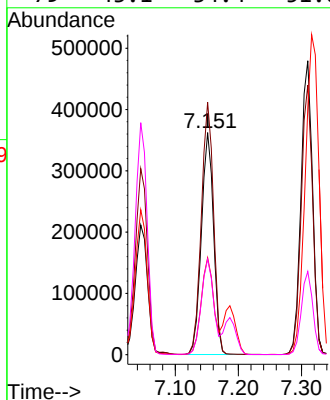
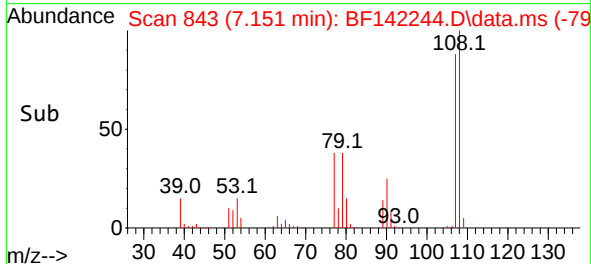


Tgt Ion:107 Resp: 48514
Ion Ratio Lower Upper
107 100
108 113.7 91.0 136.4
77 43.6 34.4 51.6
79 43.1 34.4 51.6

Manual Integrations

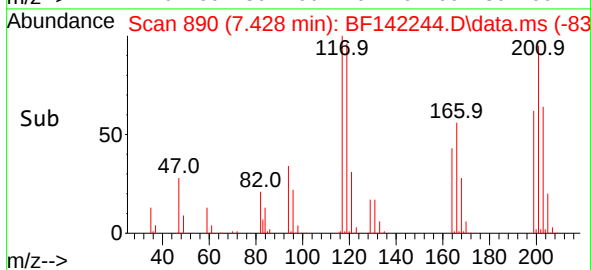
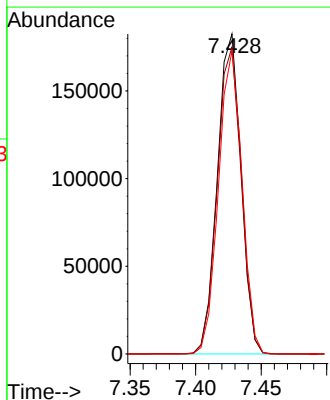
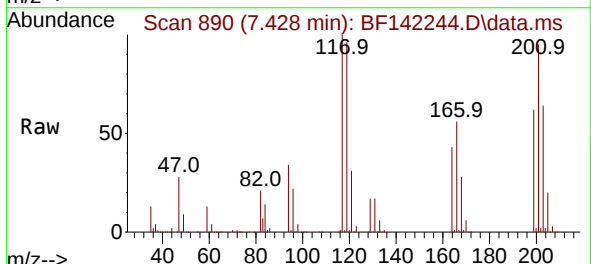
APPROVED

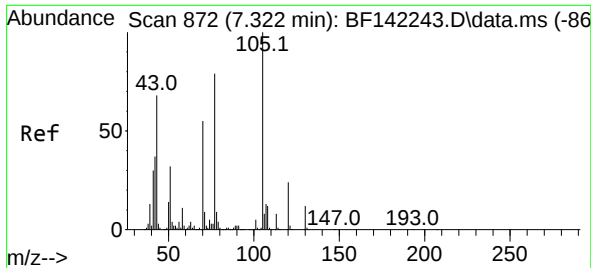
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#18
Hexachloroethane
Concen: 53.193 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

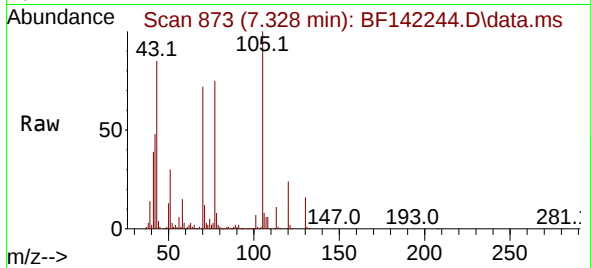
Tgt Ion:117 Resp: 229911
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7
201 94.8 79.4 119.2





#19
n-Nitroso-di-n-propylamine
Concen: 50.261 ng
RT: 7.328 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

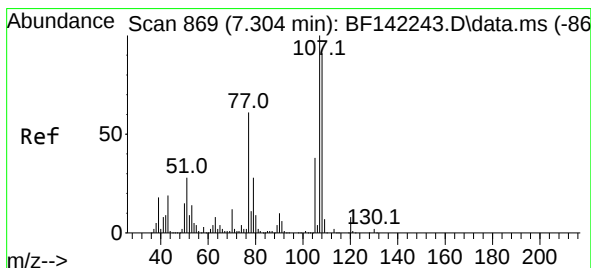
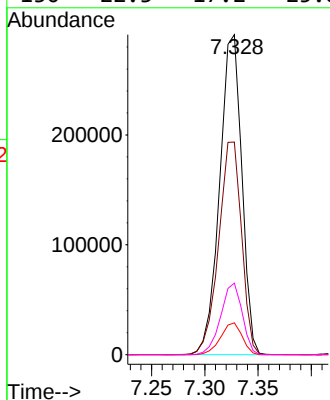
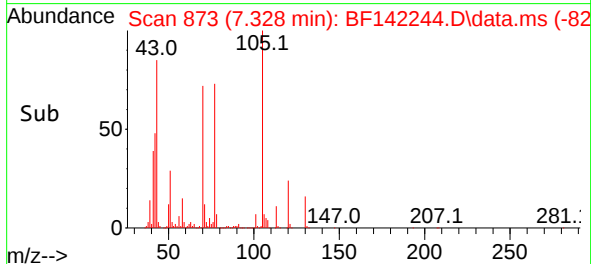
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



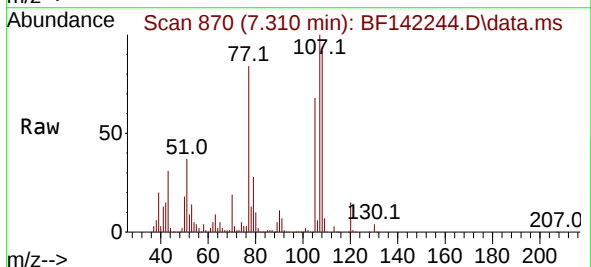
Tgt Ion: 70 Resp: 420535
Ion Ratio Lower Upper
70 100
42 66.4 53.4 80.2
101 9.9 7.7 11.5
130 22.3 17.2 25.8

Manual Integrations
APPROVED

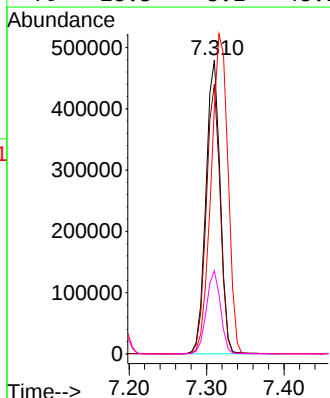
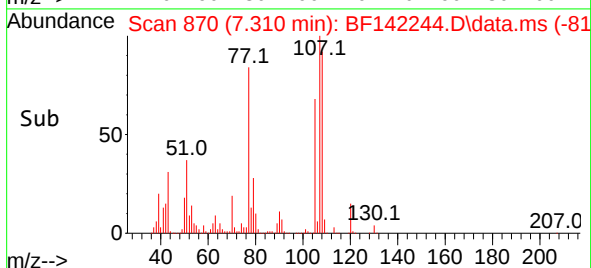
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

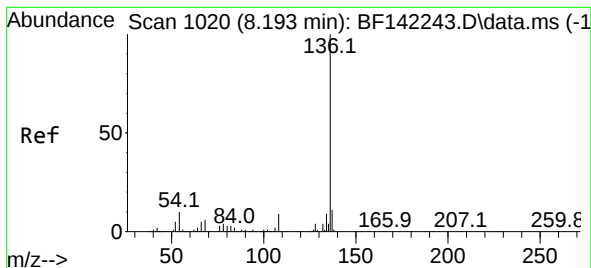


#20
3+4-Methylphenols
Concen: 51.510 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



Tgt Ion:107 Resp: 611404
Ion Ratio Lower Upper
107 100
108 91.7 71.2 111.2
77 84.0 41.1 81.1#
79 28.3 8.1 48.1





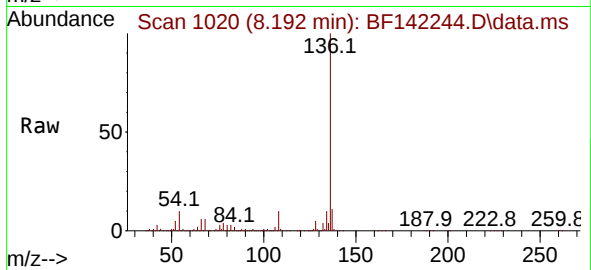
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



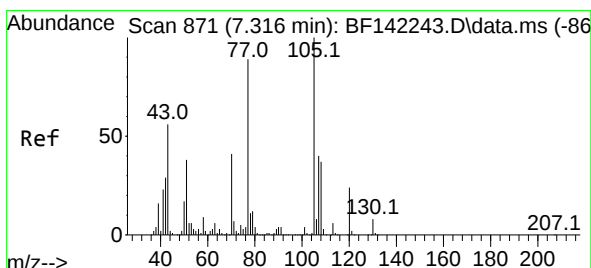
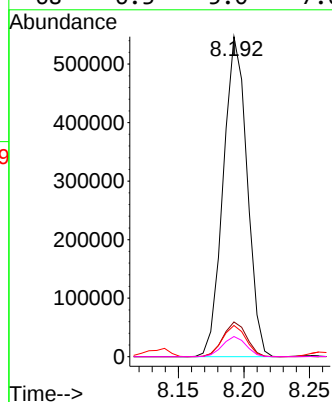
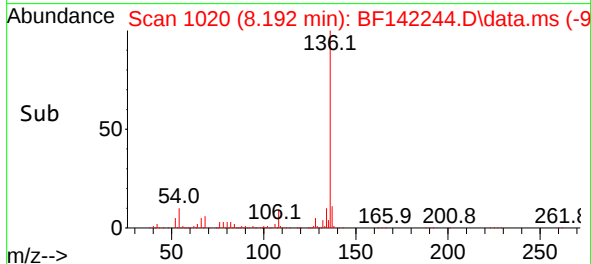
Tgt Ion:136 Resp: 691230
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.7 7.7 11.5
68 6.3 5.0 7.6

Manual Integrations

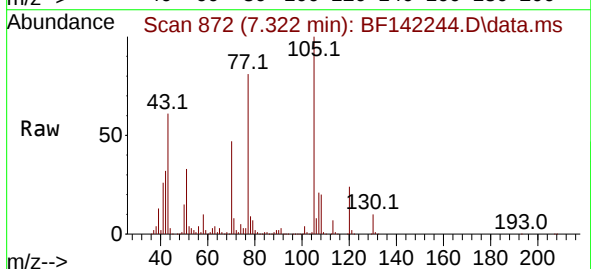
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

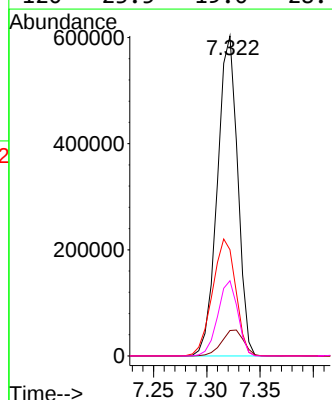
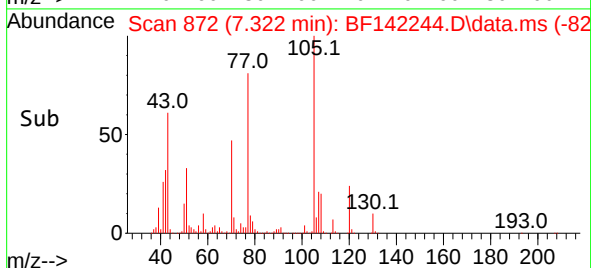
Supervised By :Jagrut Upadhyay 05/01/2025

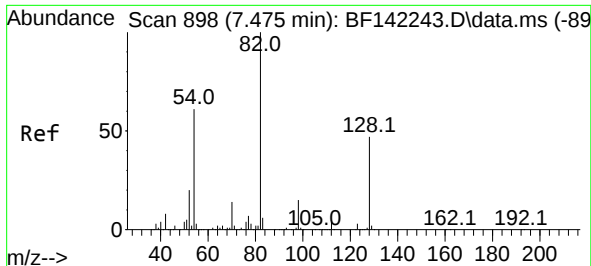


#22
Acetophenone
Concen: 49.805 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



Tgt Ion:105 Resp: 796460
Ion Ratio Lower Upper
105 100
71 7.9 5.7 8.5
51 33.2 30.1 45.1
120 23.5 19.0 28.4





#23

Nitrobenzene-d5

Concen: 115.369 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 121385

Ion Ratio Lower Upper

82 100

128 46.3 37.0 55.6

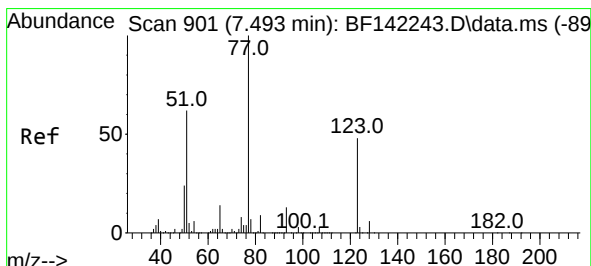
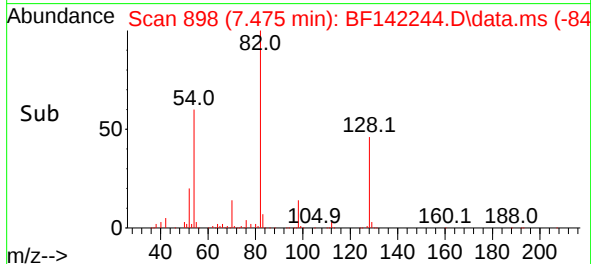
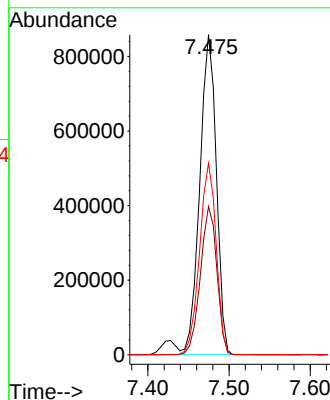
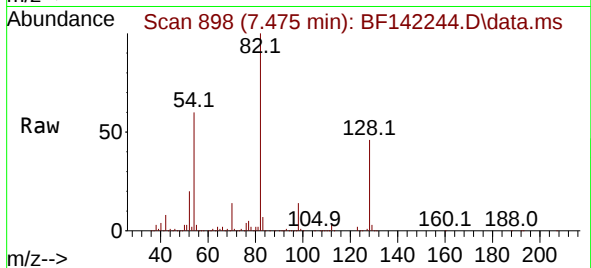
54 59.8 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#24

Nitrobenzene

Concen: 56.634 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

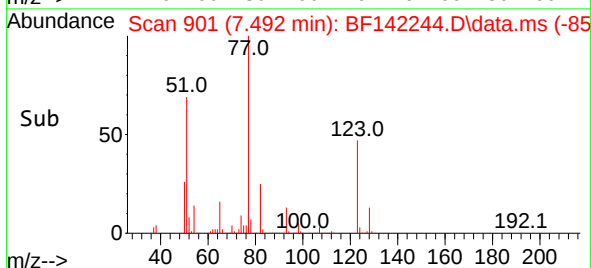
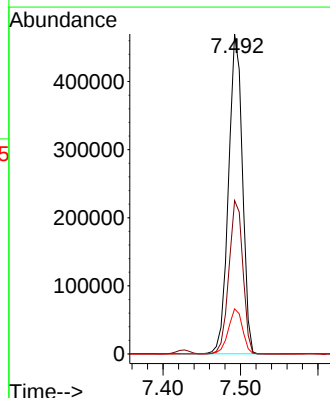
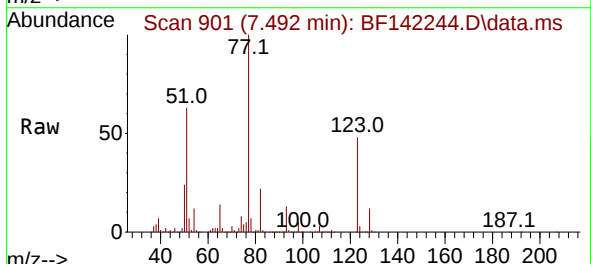
Tgt Ion: 77 Resp: 584670

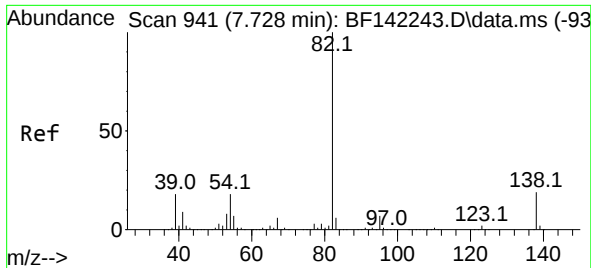
Ion Ratio Lower Upper

77 100

123 47.9 38.6 58.0

65 14.1 11.5 17.3





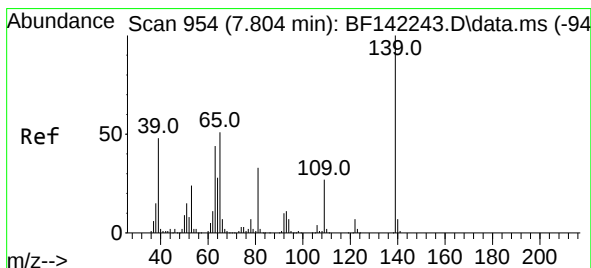
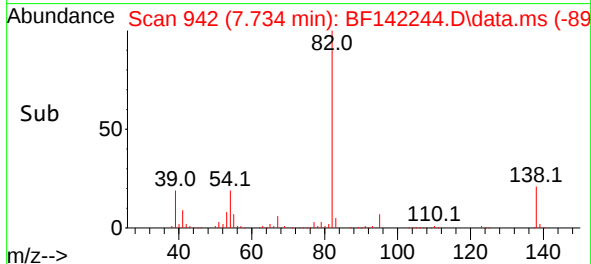
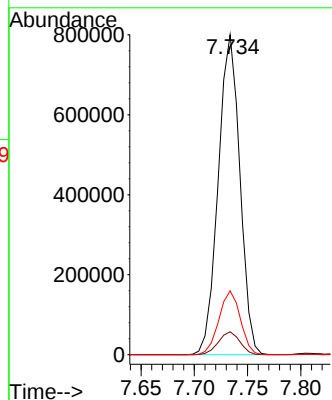
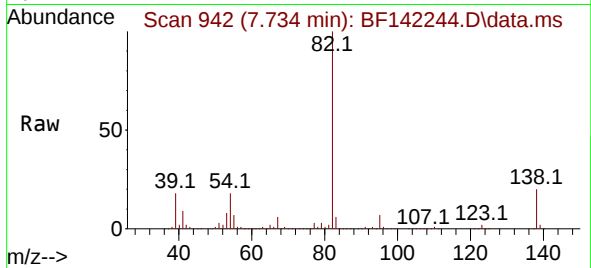
#25
Isophorone
Concen: 51.170 ng
RT: 7.734 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 112993
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.9 15.3 22.9

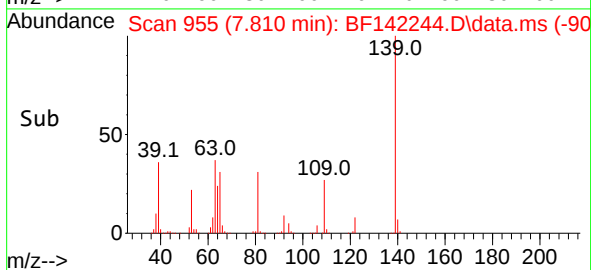
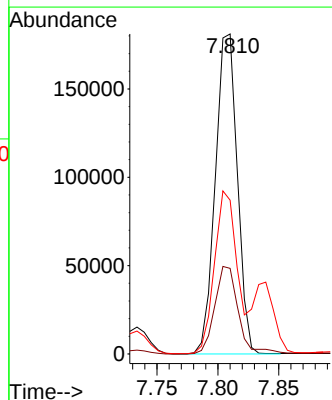
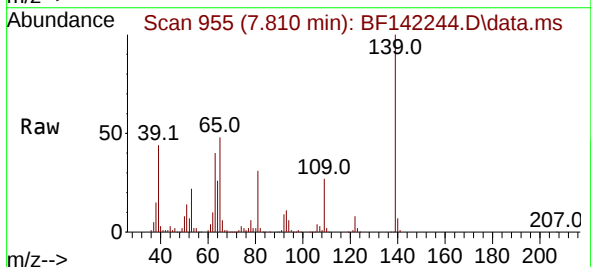
Manual Integrations
APPROVED

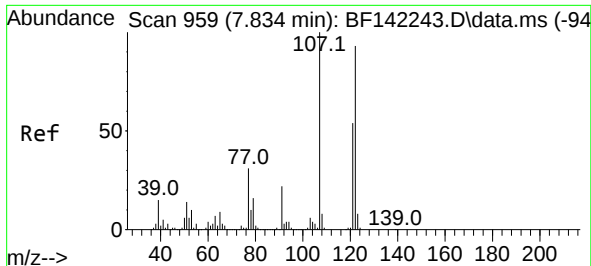
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#26
2-Nitrophenol
Concen: 51.526 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:139 Resp: 228021
Ion Ratio Lower Upper
139 100
109 26.7 21.8 32.8
65 48.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 51.741 ng

RT: 7.839 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

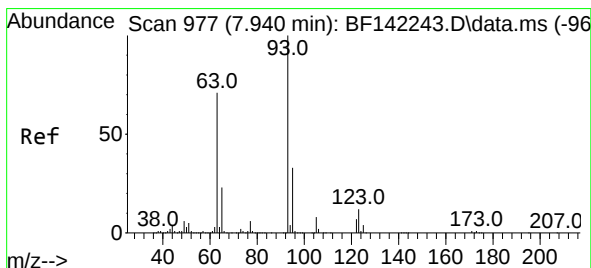
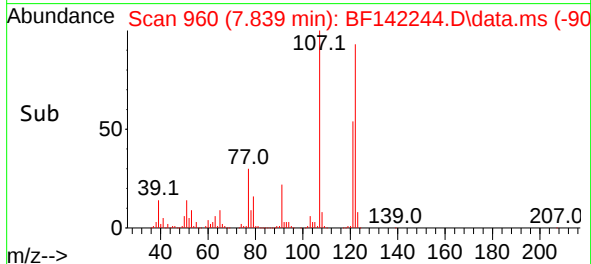
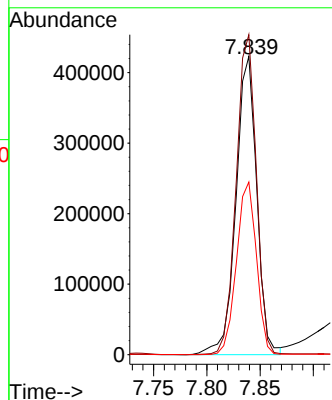
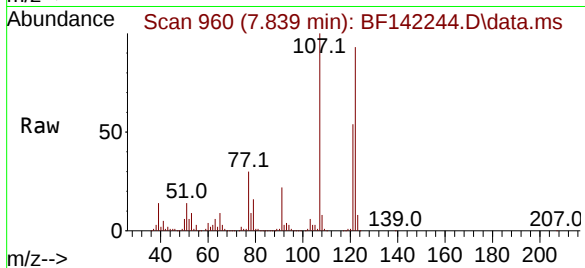
Tgt Ion:122 Resp: 576054
 Ion Ratio Lower Upper
 122 100
 107 107.3 86.0 129.0
 121 57.9 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 50.870 ng

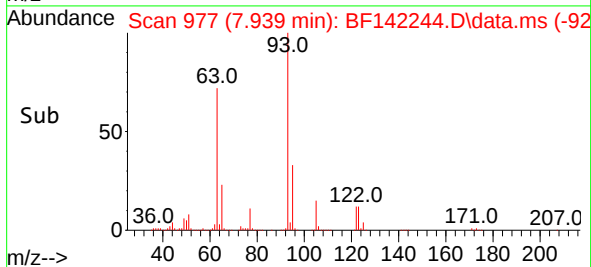
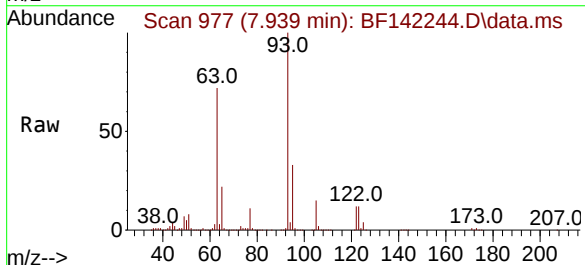
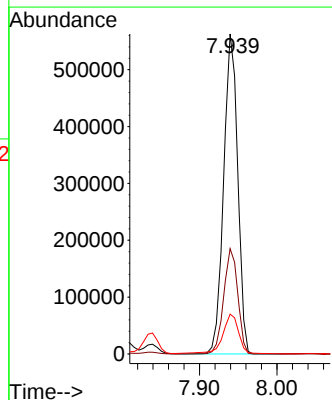
RT: 7.939 min Scan# 977

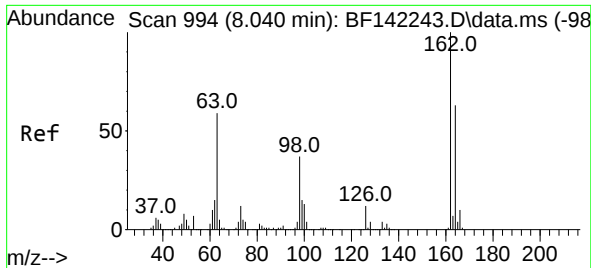
Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Tgt Ion: 93 Resp: 708439
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.2
 123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 53.125 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 49448

Ion Ratio Lower Upper

162 100

164 64.7 43.0 83.0

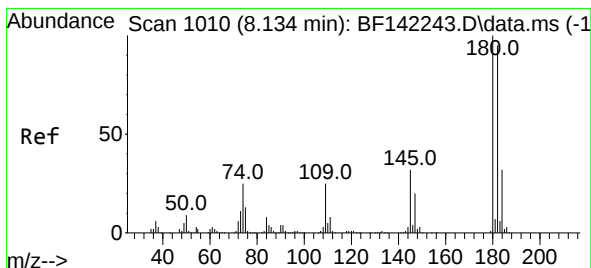
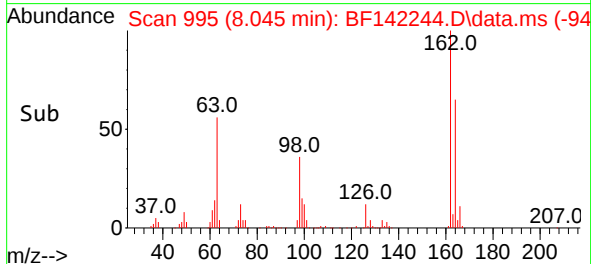
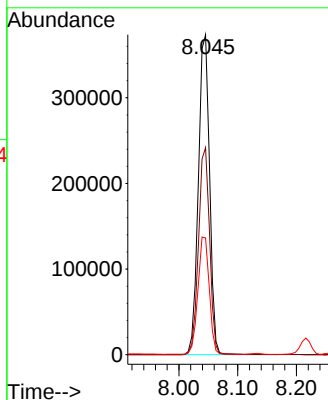
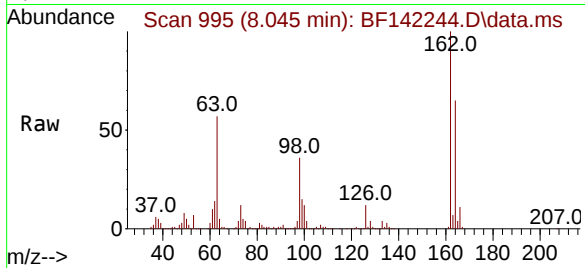
98 36.5 16.7 56.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.497 ng

RT: 8.133 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

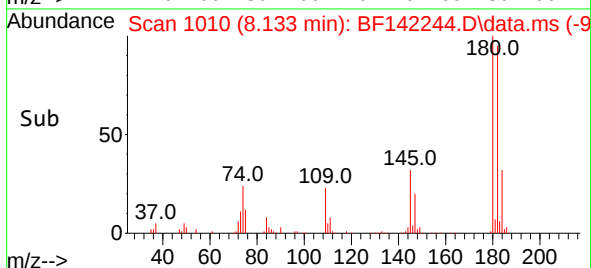
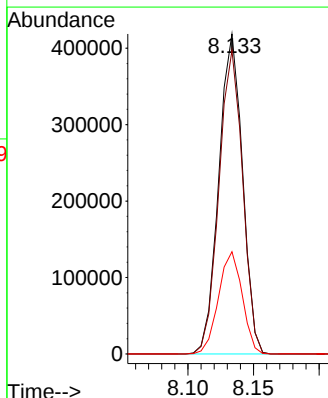
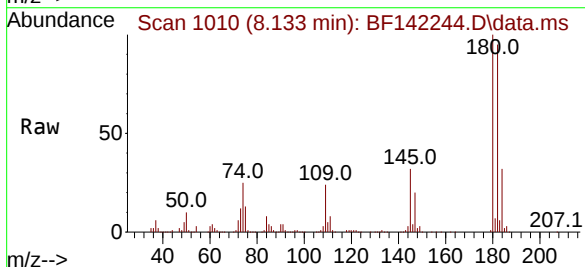
Tgt Ion:180 Resp: 524508

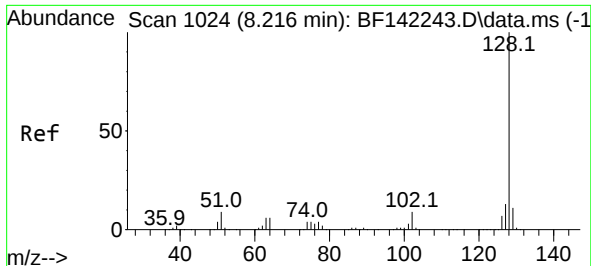
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

145 32.0 25.4 38.0





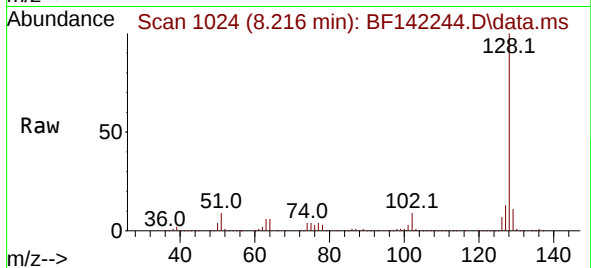
#31
Naphthalene
Concen: 50.064 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



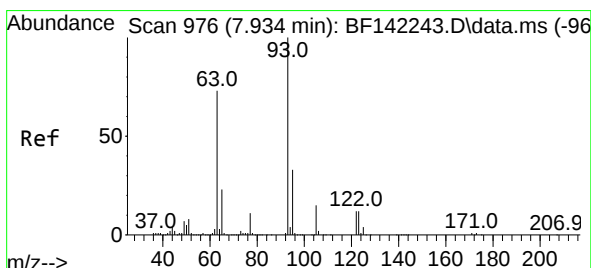
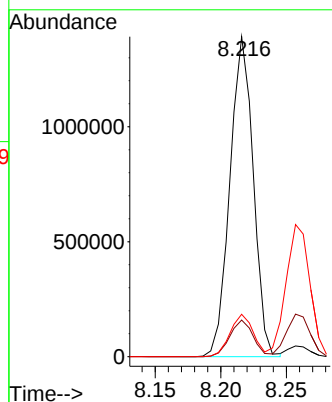
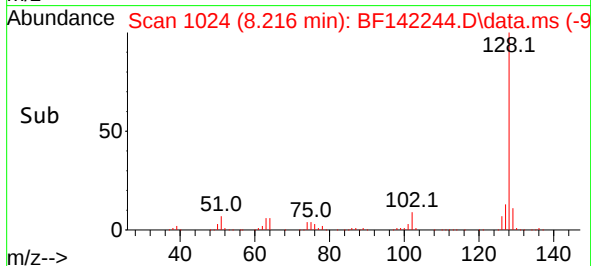
Tgt Ion:128 Resp: 1725818
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.6 15.8

Manual Integrations

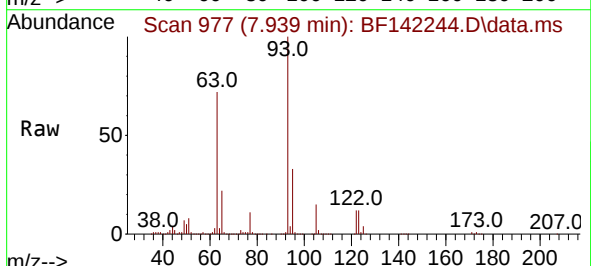
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

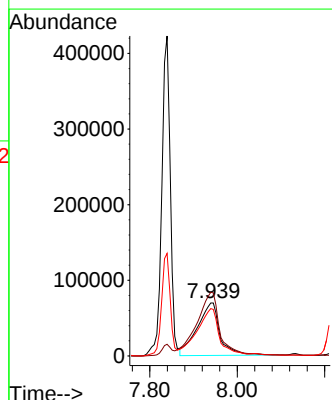
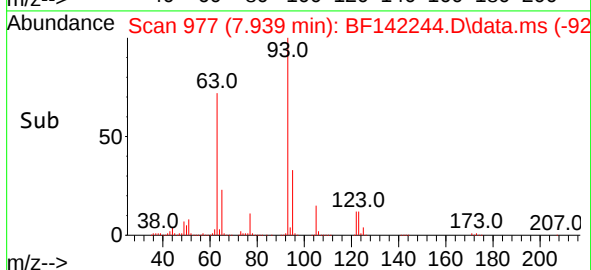
Supervised By :Jagrut Upadhyay 05/01/2025

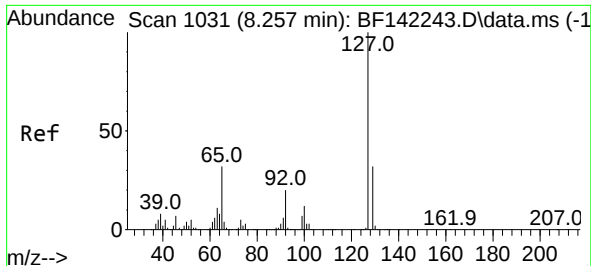


#32
Benzoic acid
Concen: 47.667 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.005 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



Tgt Ion:122 Resp: 252184
Ion Ratio Lower Upper
122 100
105 120.1 98.2 138.2
77 89.3 66.8 106.8





#33
4-Chloroaniline
Concen: 50.914 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

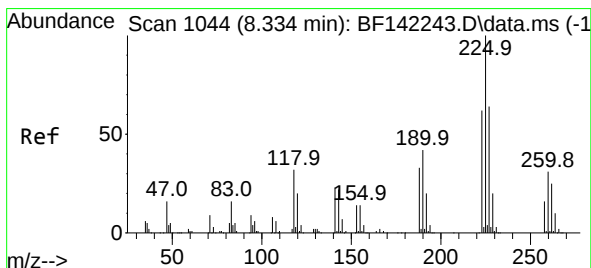
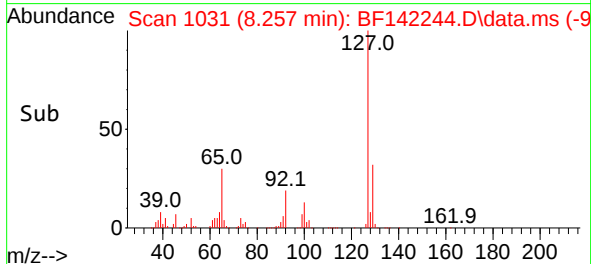
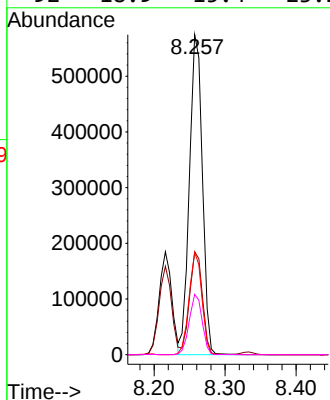
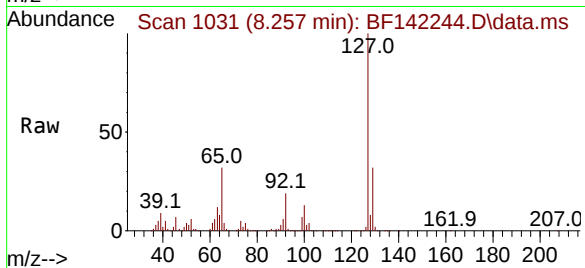
SSTDICC050

Tgt Ion:127 Resp: 730860
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1
65 32.0 25.5 38.3
92 18.9 15.4 23.2

Manual Integrations

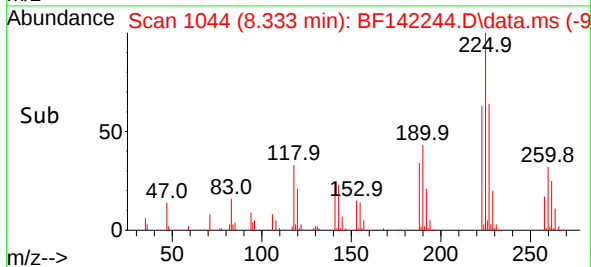
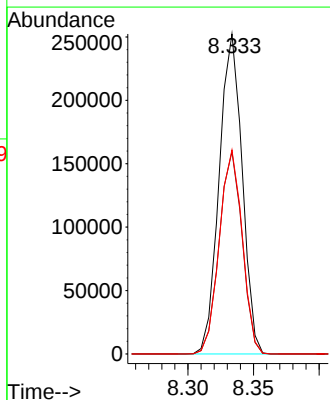
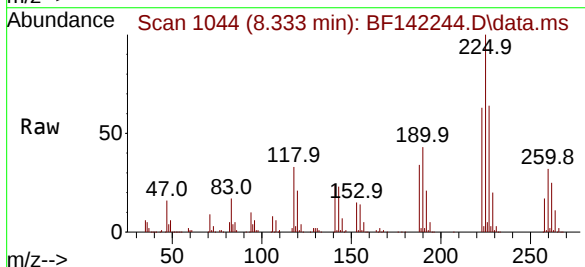
APPROVED

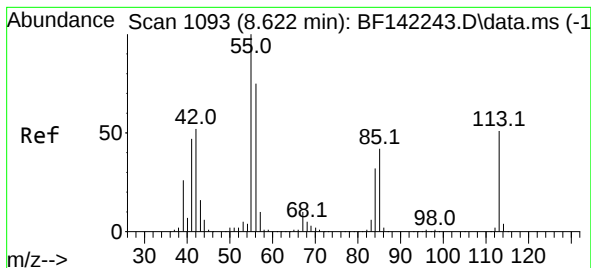
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#34
Hexachlorobutadiene
Concen: 50.679 ng
RT: 8.333 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:225 Resp: 307118
Ion Ratio Lower Upper
225 100
223 63.2 49.7 74.5
227 63.8 51.0 76.4





#35

Caprolactam

Concen: 55.251 ng

RT: 8.628 min Scan# 1093

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:113 Resp: 154579

Ion Ratio Lower Upper

113 100

55 194.4 177.7 217.7

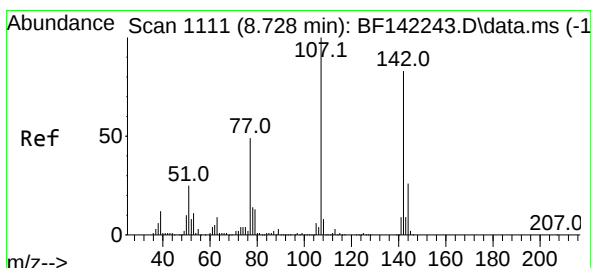
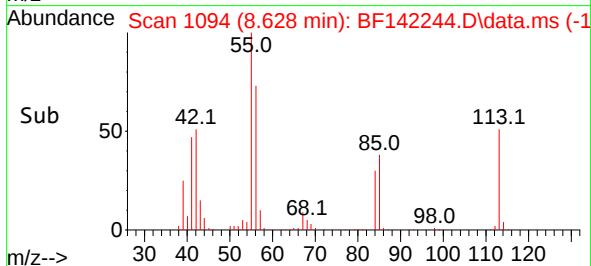
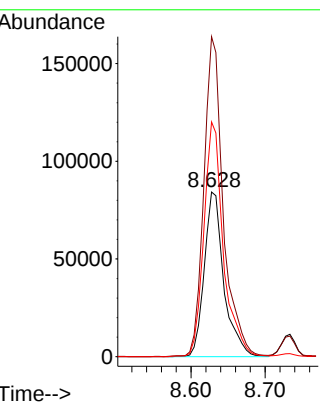
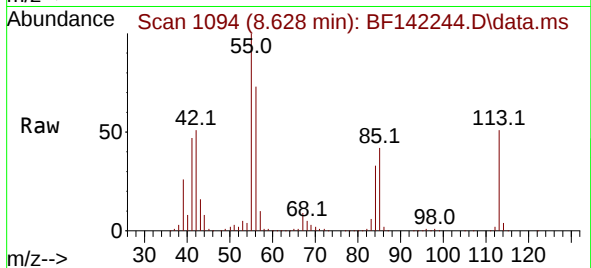
56 142.7 127.1 167.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#36

4-Chloro-3-methylphenol

Concen: 52.891 ng

RT: 8.733 min Scan# 1112

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

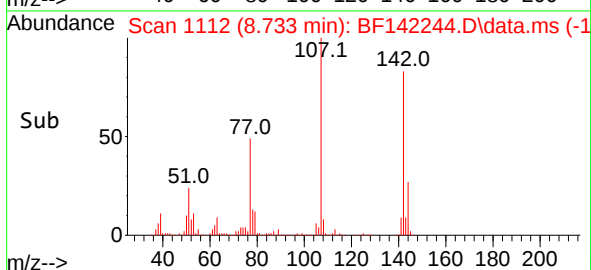
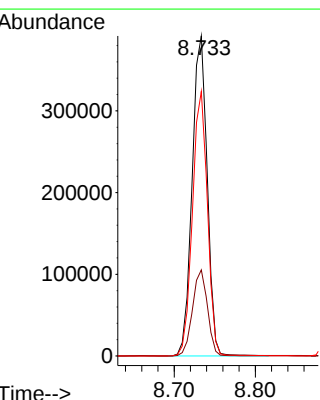
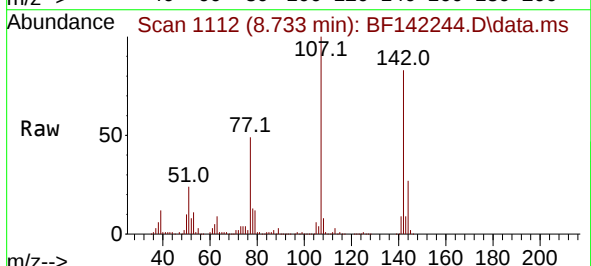
Tgt Ion:107 Resp: 505527

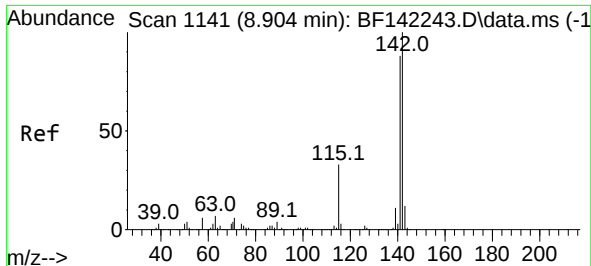
Ion Ratio Lower Upper

107 100

144 26.9 21.0 31.4

142 82.6 66.1 99.1





#37
2-Methylnaphthalene
Concen: 49.915 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

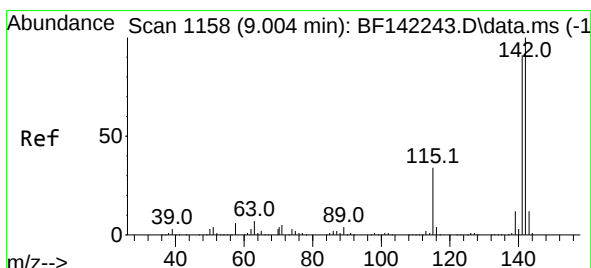
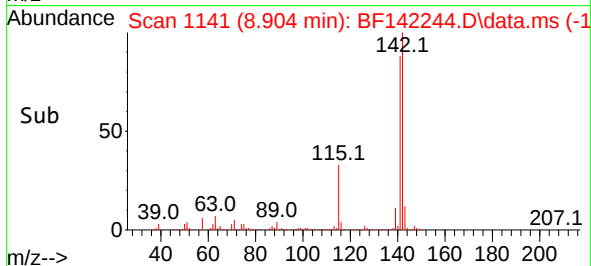
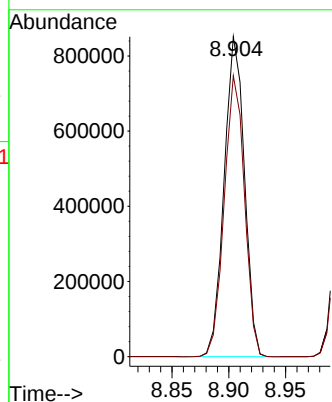
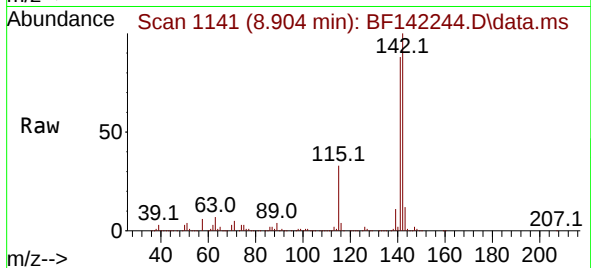
SSTDICC050

Tgt Ion:142 Resp: 1057924
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7

Manual Integrations

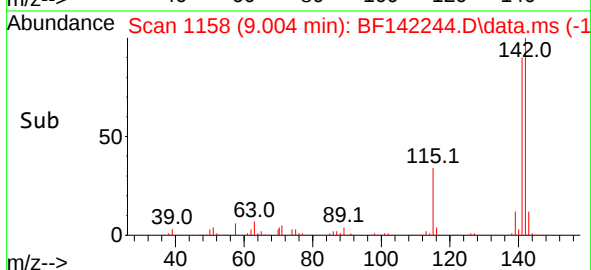
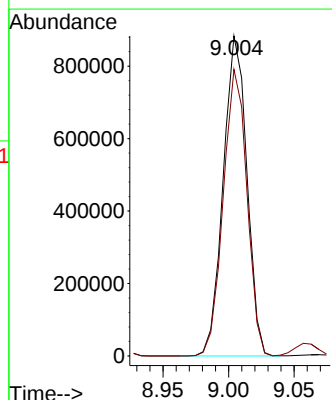
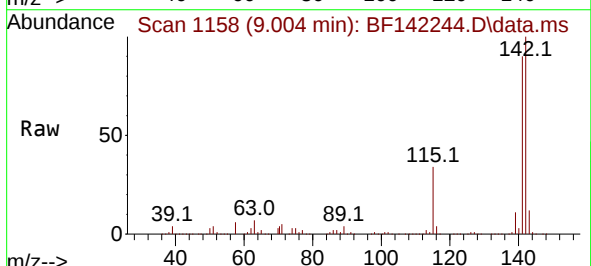
APPROVED

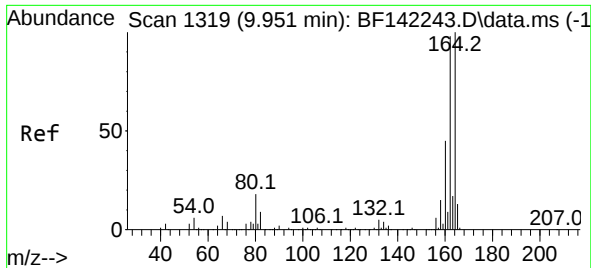
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#38
1-Methylnaphthalene
Concen: 50.427 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

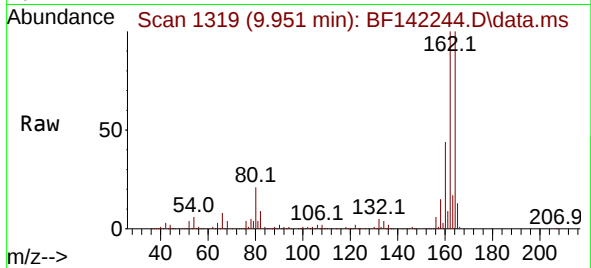
Tgt Ion:142 Resp: 1107217
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

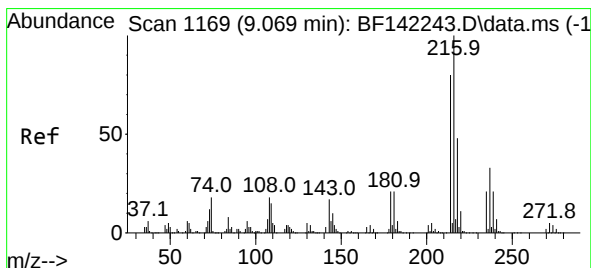
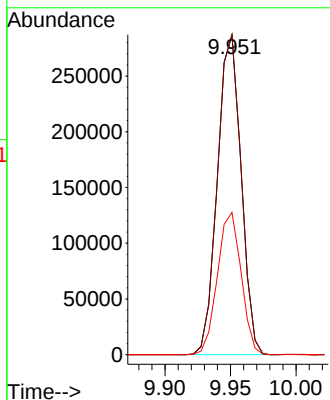
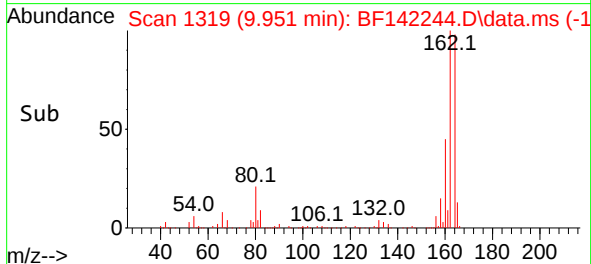
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



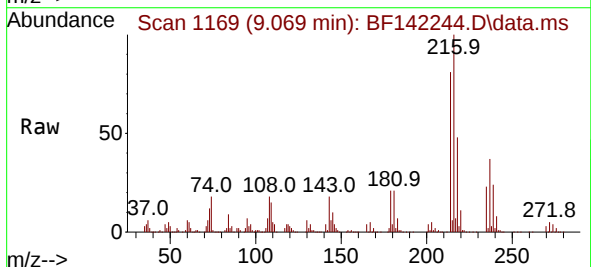
Tgt Ion:164 Resp: 36014
Ion Ratio Lower Upper
164 100
162 99.8 78.6 117.8
160 44.5 35.7 53.5

Manual Integrations
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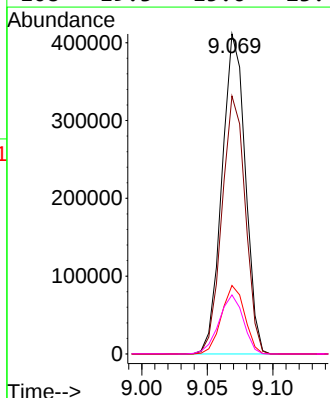
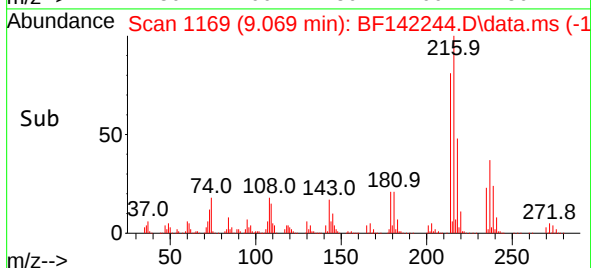
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

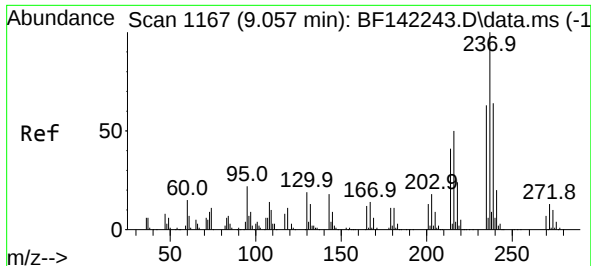


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.261 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



Tgt Ion:216 Resp: 509426
Ion Ratio Lower Upper
216 100
214 80.5 63.8 95.6
179 21.3 16.7 25.1
108 19.3 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 57.591 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

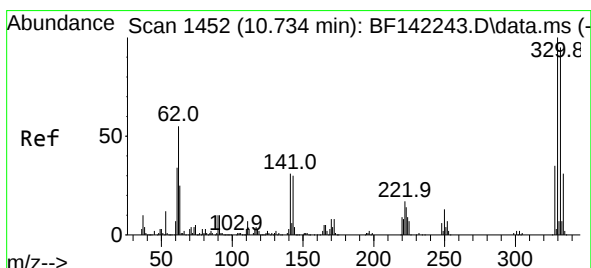
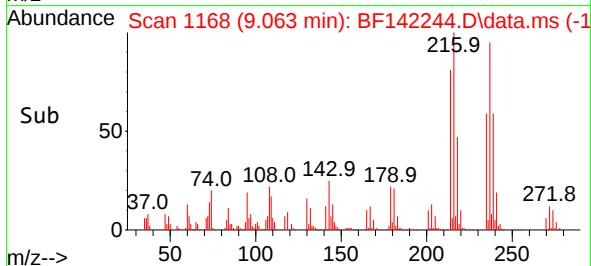
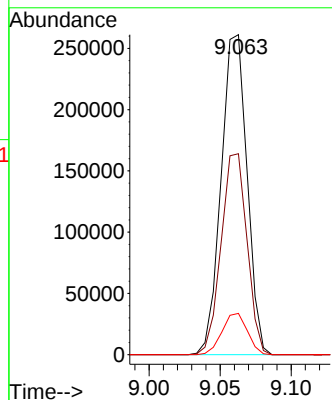
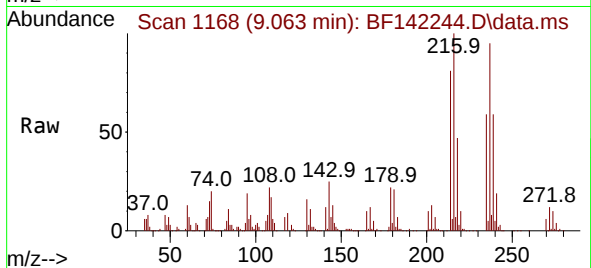
SSTDICC050

Tgt Ion:237 Resp: 33128
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 12.9 0.0 32.9

Manual Integrations

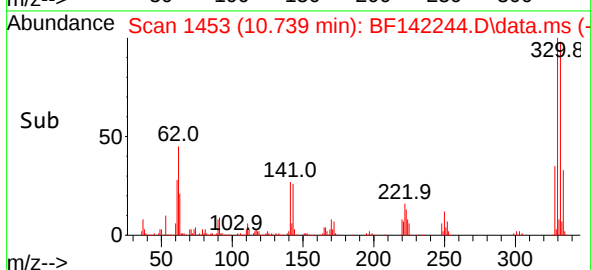
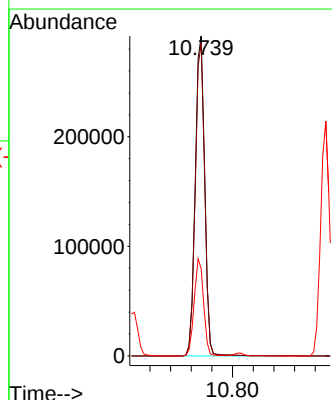
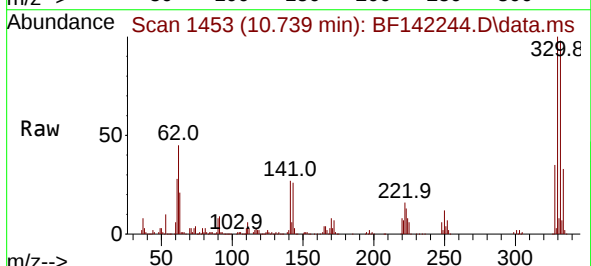
APPROVED

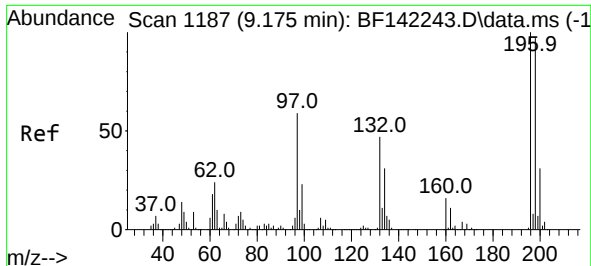
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#42
2,4,6-Tribromophenol
Concen: 112.641 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:330 Resp: 369823
Ion Ratio Lower Upper
330 100
332 97.4 76.5 114.7
141 30.5 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 53.801 ng

RT: 9.180 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF142244.D

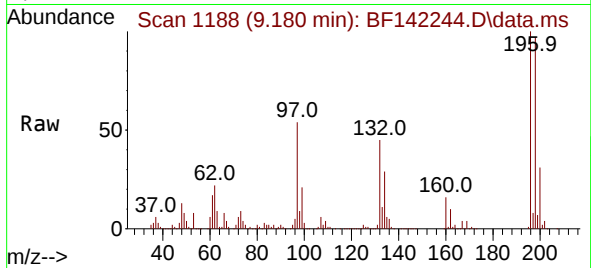
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 337910

Ion Ratio Lower Upper

196 100

198 96.7 77.4 116.2

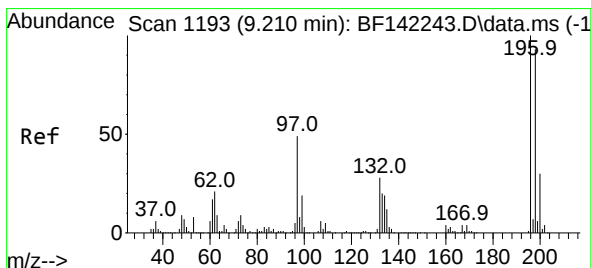
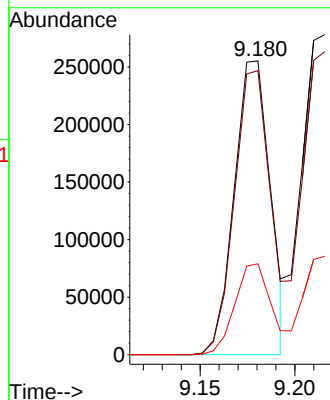
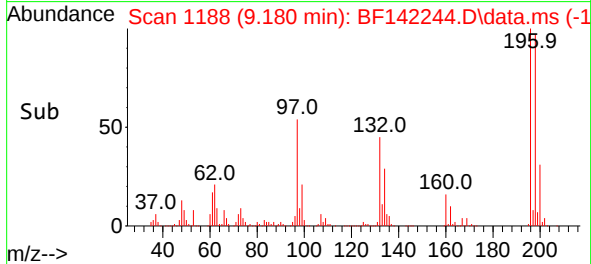
200 30.9 24.6 37.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#44

2,4,5-Trichlorophenol

Concen: 56.106 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Tgt Ion:196 Resp: 370489

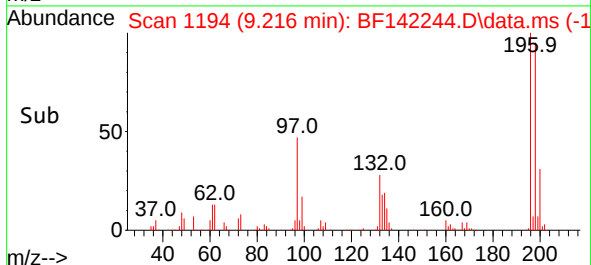
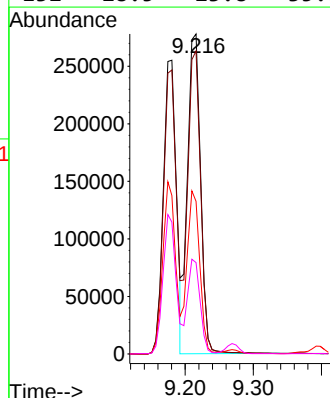
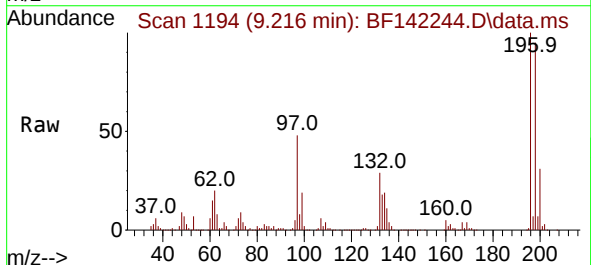
Ion Ratio Lower Upper

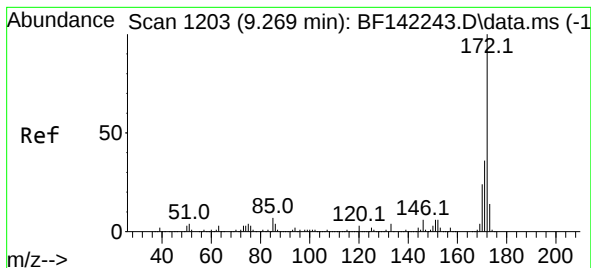
196 100

198 94.7 75.2 112.8

97 47.7 39.8 59.8

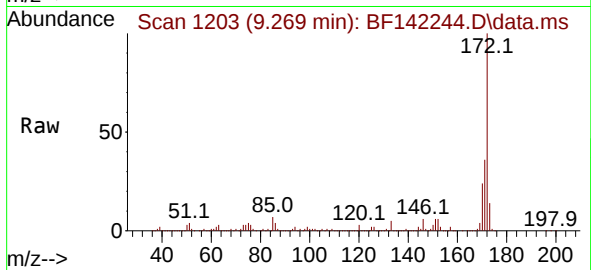
132 28.5 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 94.966 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

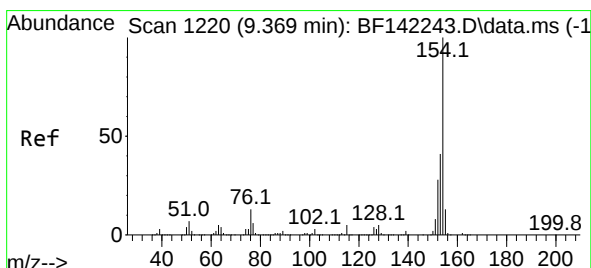
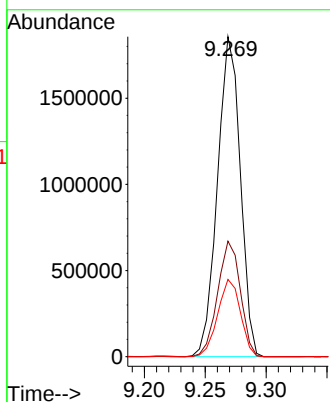
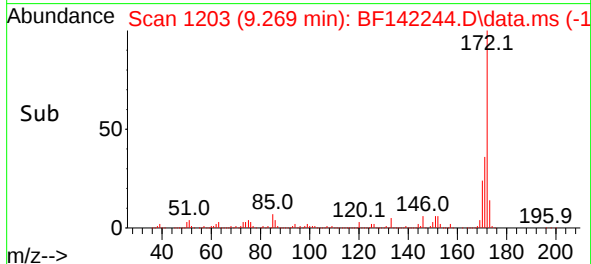
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



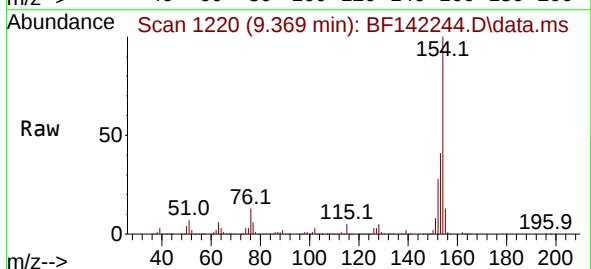
Tgt Ion:172 Resp: 2425708
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.1 19.4 29.0

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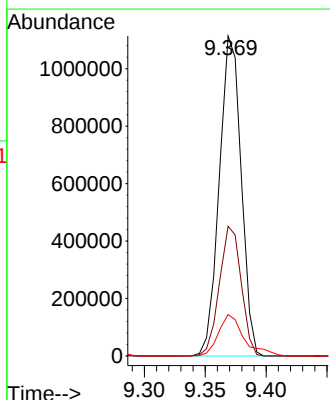
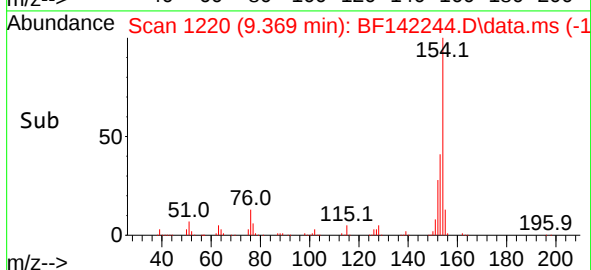
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

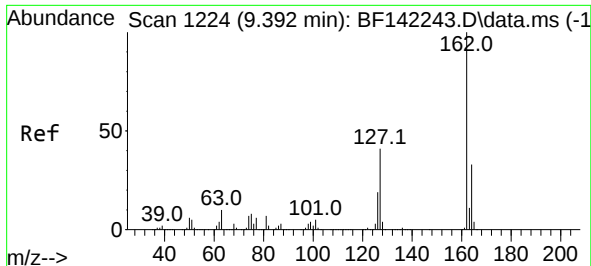


#46
1,1'-Biphenyl
Concen: 49.736 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



Tgt Ion:154 Resp: 1392513
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 13.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 50.015 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 104184

Ion Ratio Lower Upper

162 100

127 40.6 32.6 49.0

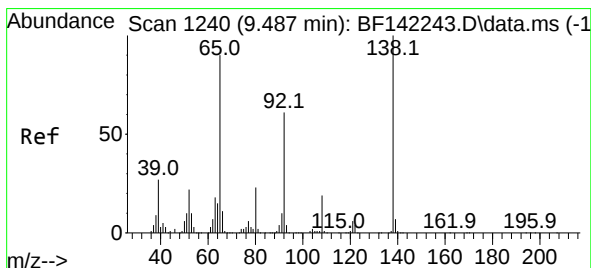
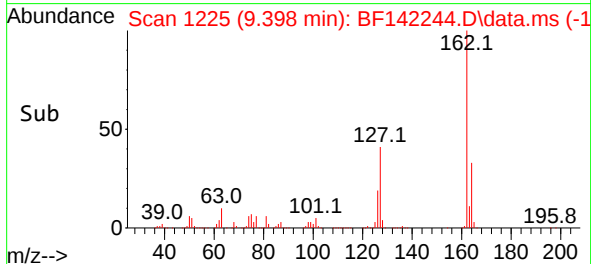
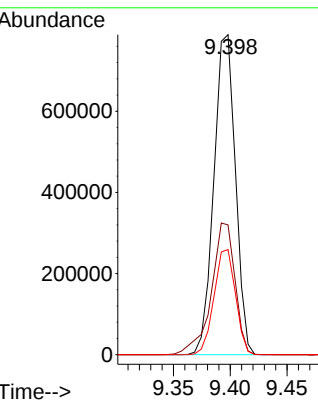
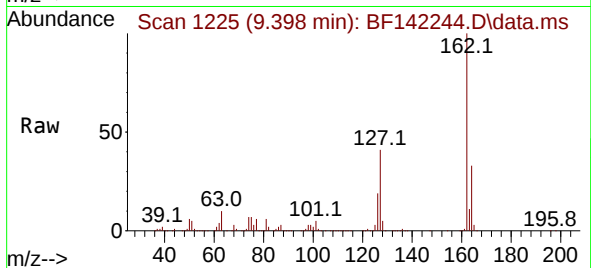
164 32.9 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#48

2-Nitroaniline

Concen: 51.394 ng

RT: 9.486 min Scan# 1240

Delta R.T. -0.001 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

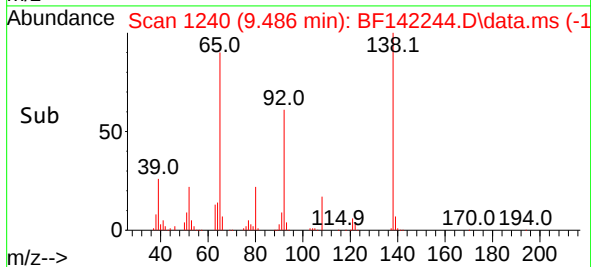
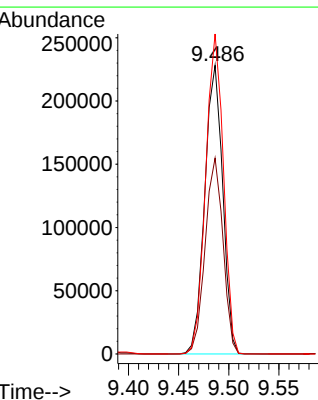
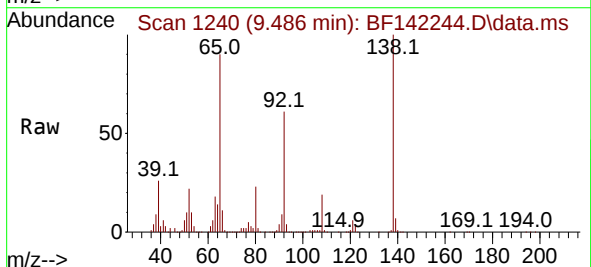
Tgt Ion: 65 Resp: 284370

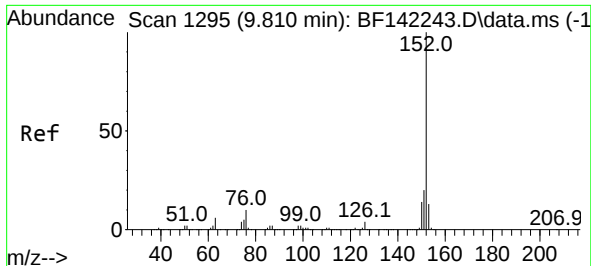
Ion Ratio Lower Upper

65 100

92 67.9 54.3 81.5

138 110.9 88.6 133.0





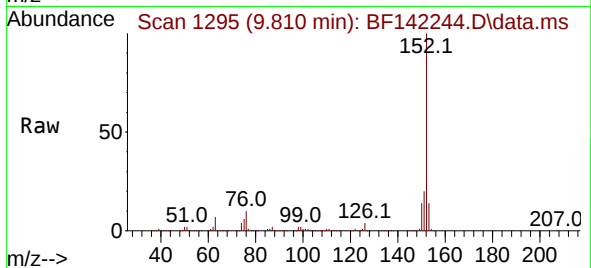
#49
Acenaphthylene
Concen: 50.339 ng
RT: 9.810 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



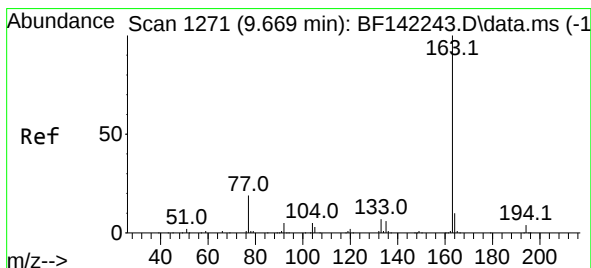
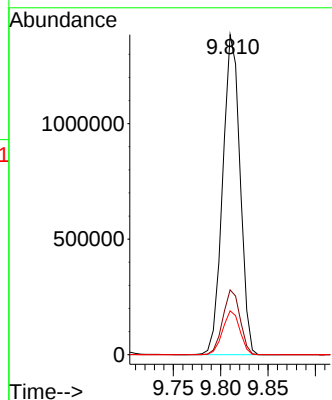
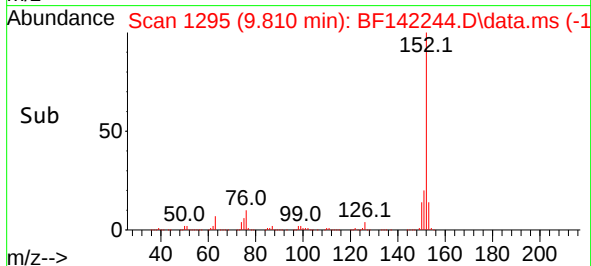
Tgt Ion:152 Resp: 176944
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.7 10.7 16.1

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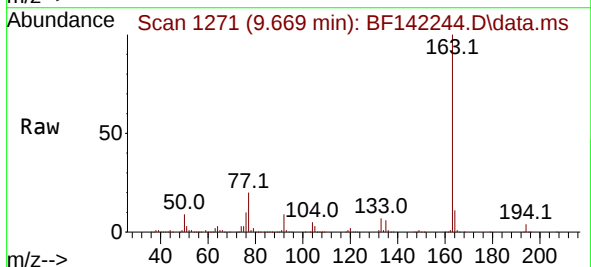
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

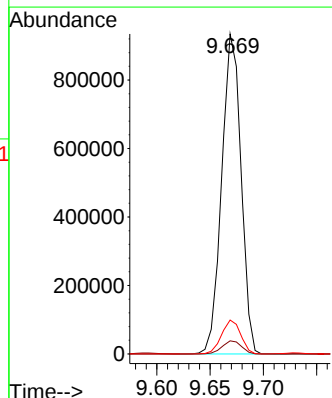
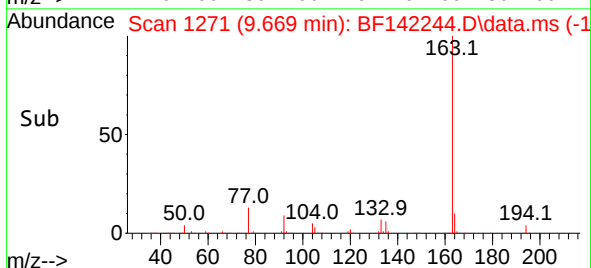
Supervised By :Jagrut Upadhyay 05/01/2025

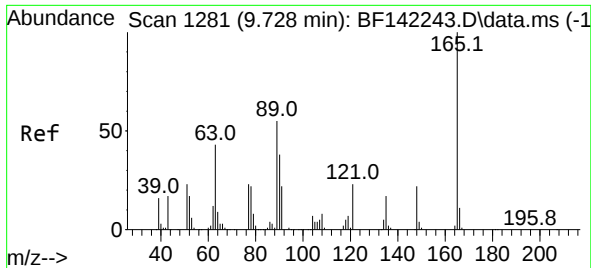


#50
Dimethylphthalate
Concen: 51.156 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



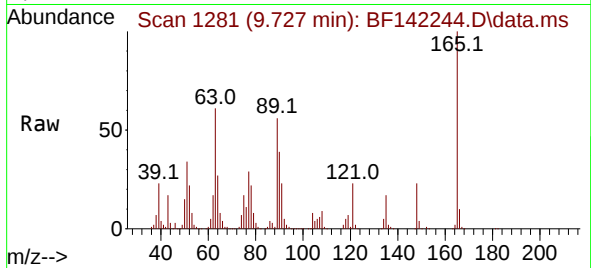
Tgt Ion:163 Resp: 1178638
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.309 ng
RT: 9.727 min Scan# 1281
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

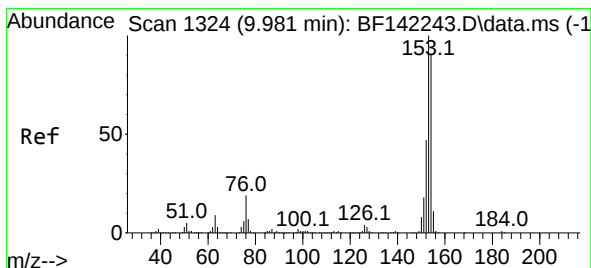
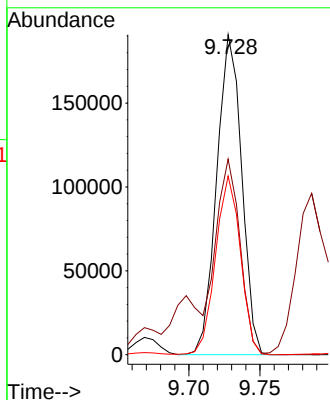
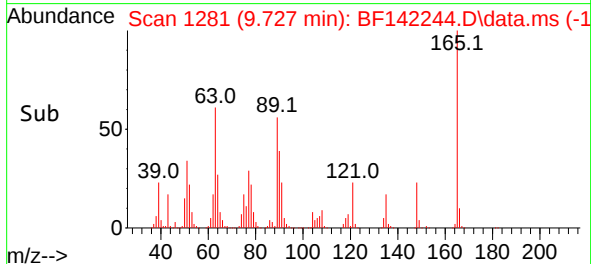
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 232900
Ion Ratio Lower Upper
165 100
63 61.1 48.5 72.7
89 55.8 43.9 65.9

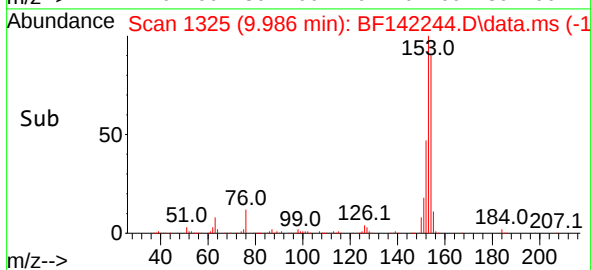
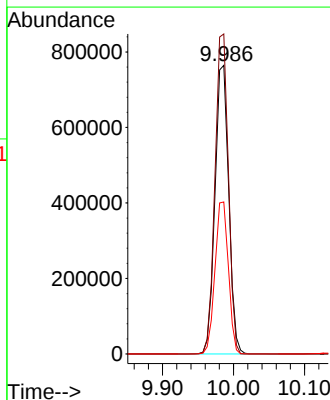
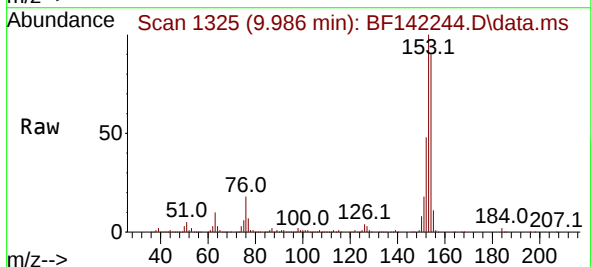
Manual Integrations
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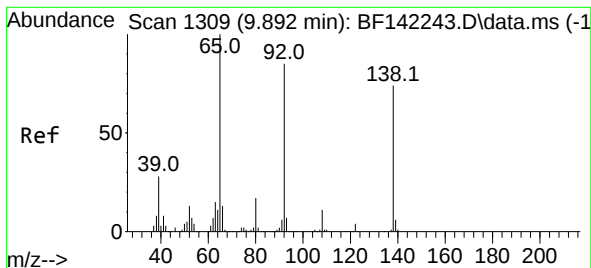
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#52
Acenaphthene
Concen: 49.912 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:154 Resp: 1024409
Ion Ratio Lower Upper
154 100
153 110.9 88.6 133.0
152 52.7 42.1 63.1





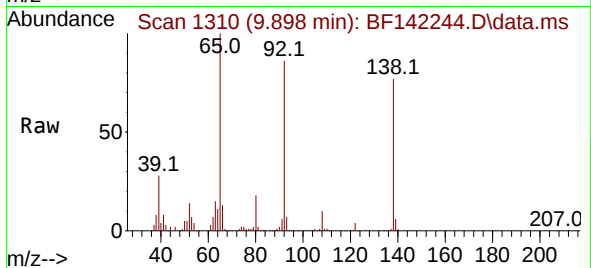
#53
3-Nitroaniline
Concen: 51.745 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



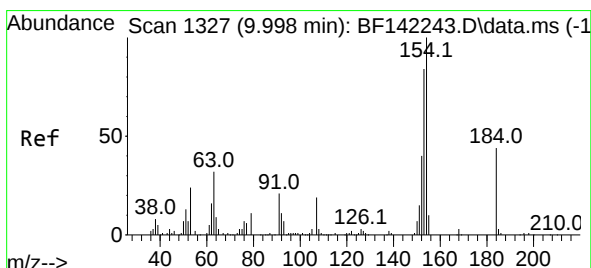
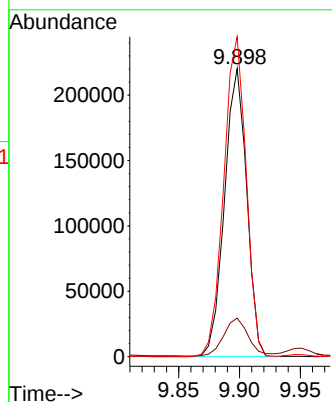
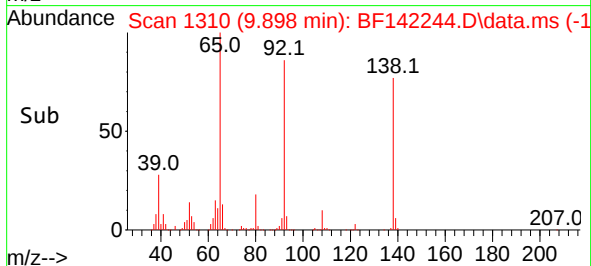
Tgt Ion:138 Resp: 279608
Ion Ratio Lower Upper
138 100
108 13.4 11.7 17.5
92 111.0 91.2 136.8

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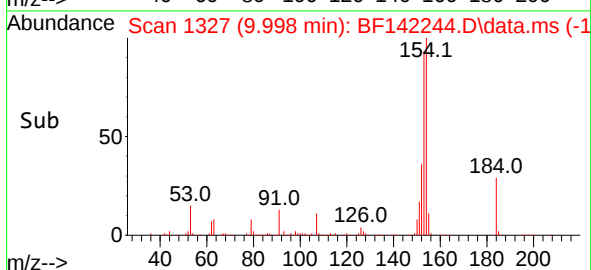
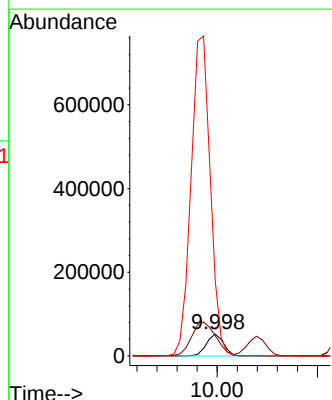
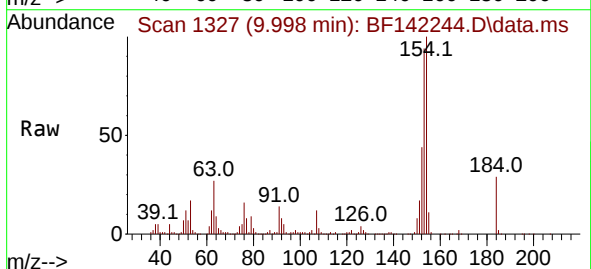
Reviewed By :Rahul Chavli 05/01/2025

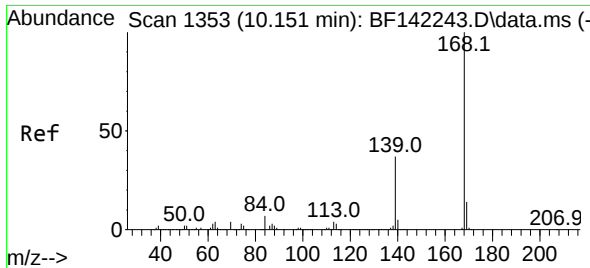
Supervised By :Jagrut Upadhyay 05/01/2025



#54
2,4-Dinitrophenol
Concen: 50.725 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

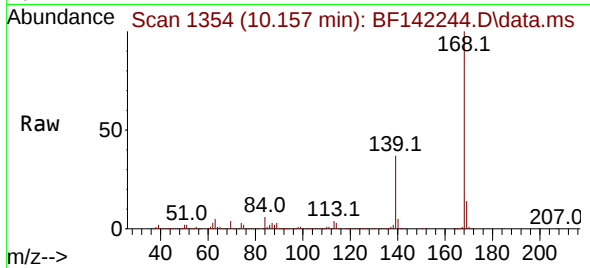
Tgt Ion:184 Resp: 62086
Ion Ratio Lower Upper
184 100
63 92.9 69.2 103.8
154 342.0 271.4 407.2





#55
Dibenzenofuran
Concen: 50.123 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

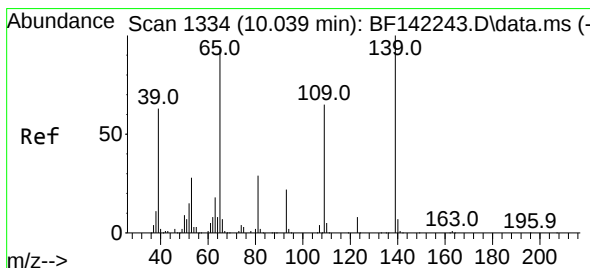
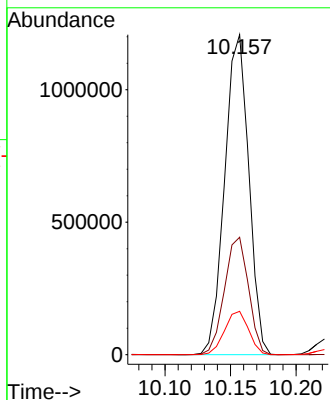
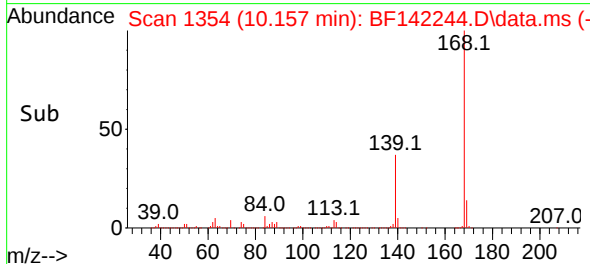
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 154209
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 13.6 11.0 16.4

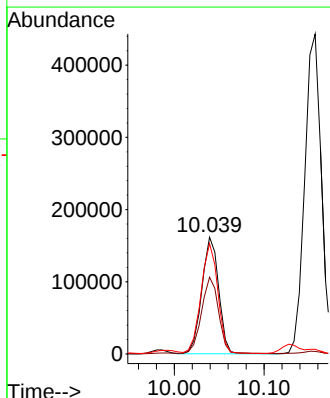
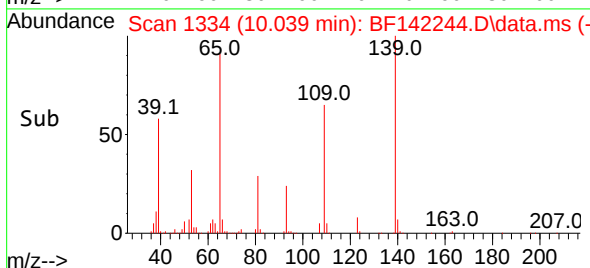
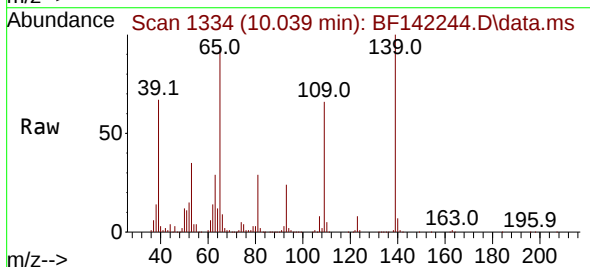
Manual Integrations
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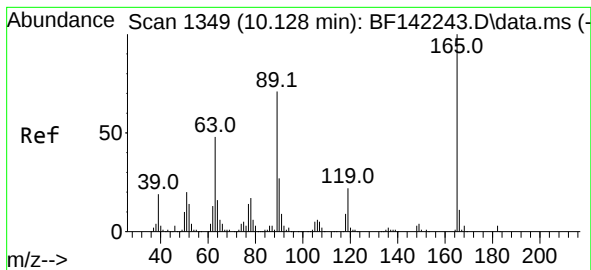
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#56
4-Nitrophenol
Concen: 58.029 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

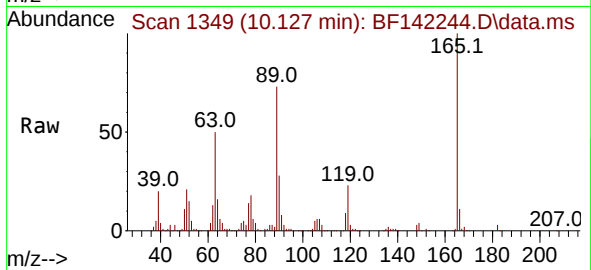
Tgt Ion:139 Resp: 210153
Ion Ratio Lower Upper
139 100
109 65.7 44.9 84.9
65 94.5 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 51.918 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

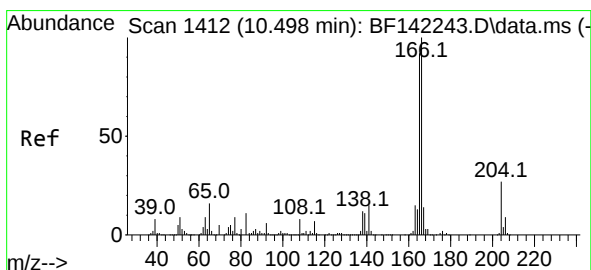
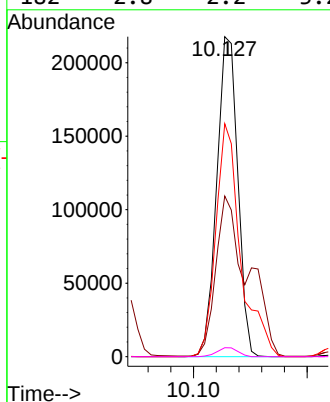
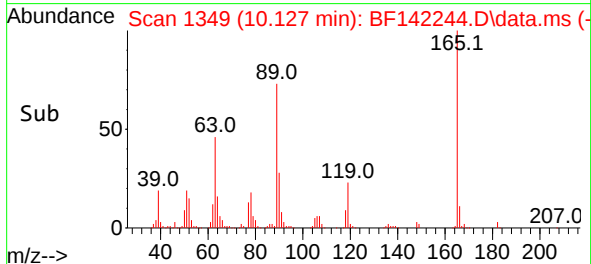
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 28019
Ion Ratio Lower Upper
165 100
63 50.2 38.8 58.2
89 72.8 57.1 85.7
182 2.8 2.2 3.2

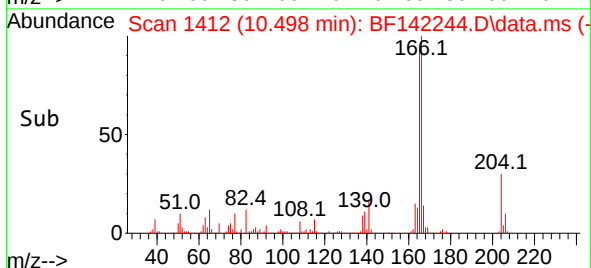
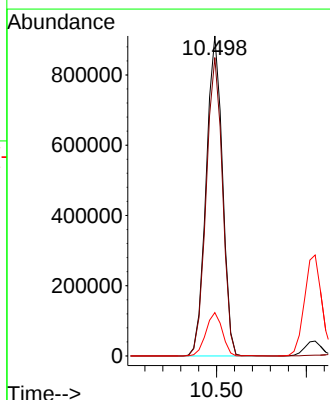
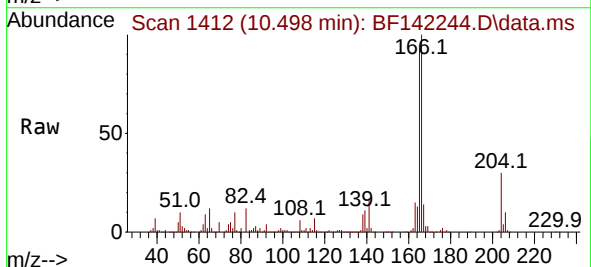
Manual Integrations
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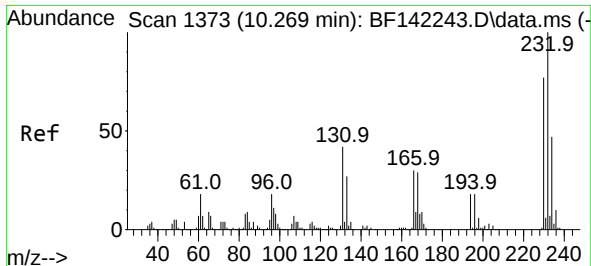
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#58
Fluorene
Concen: 49.000 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

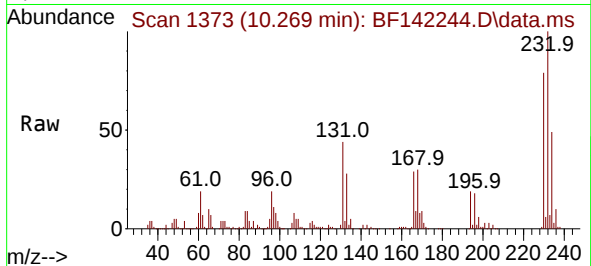
Tgt Ion:166 Resp: 1146269
Ion Ratio Lower Upper
166 100
165 93.2 73.9 110.9
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.989 ng
RT: 10.269 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

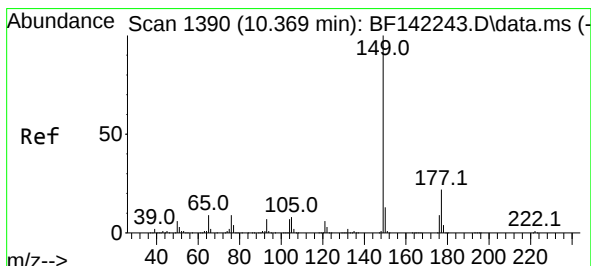
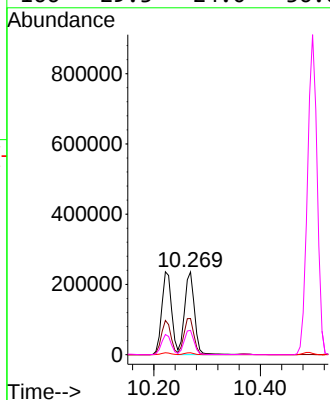
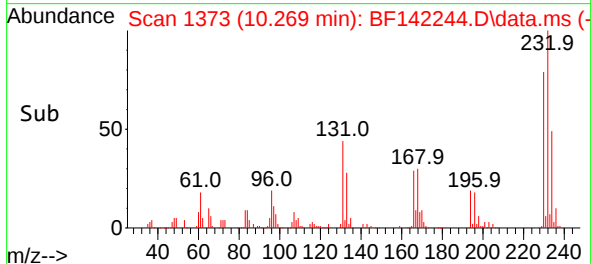
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 300781
Ion Ratio Lower Upper
232 100
131 44.4 35.9 53.9
130 2.3 1.8 2.6
166 29.3 24.0 36.0

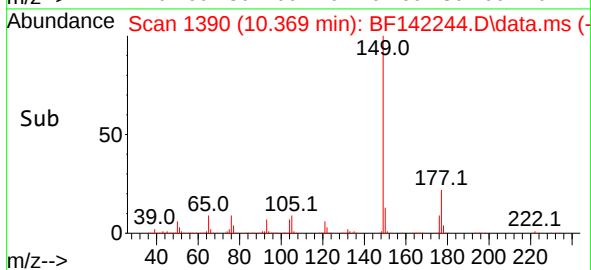
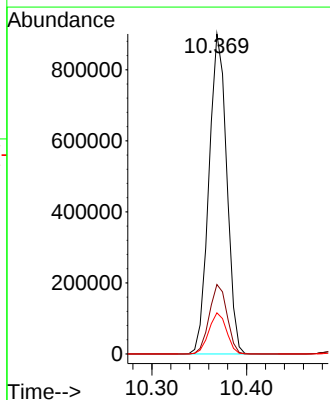
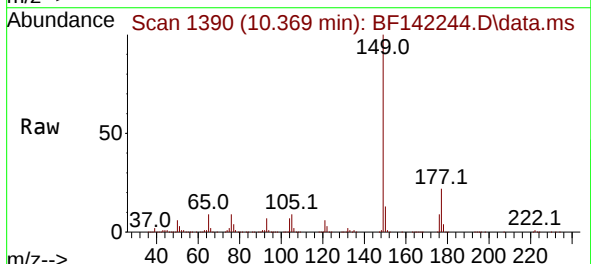
Manual Integrations
APPROVED

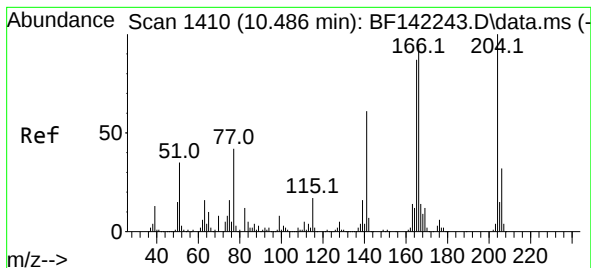
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#60
Diethylphthalate
Concen: 51.459 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

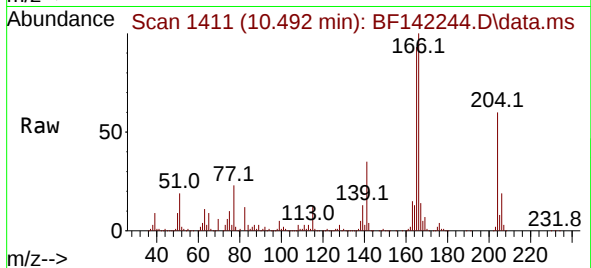
Tgt Ion:149 Resp: 1170793
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.802 ng
RT: 10.492 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

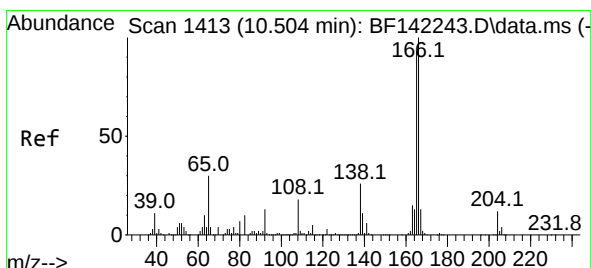
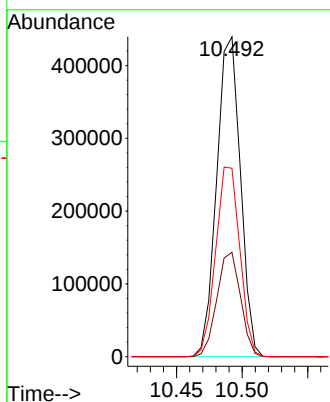
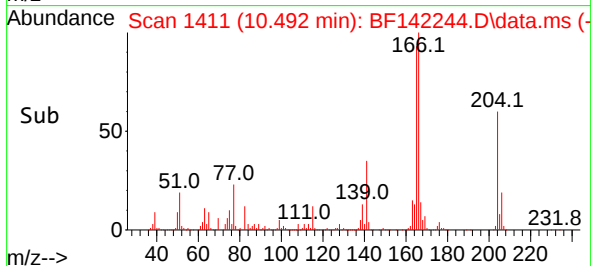
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



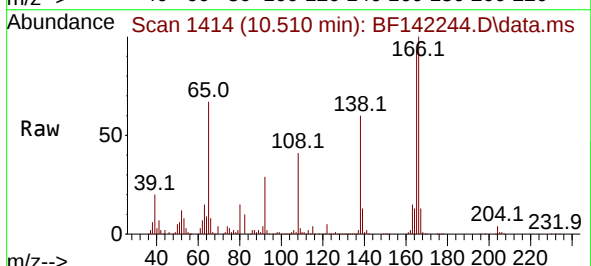
Tgt Ion:204 Resp: 55327
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 58.9 48.9 73.3

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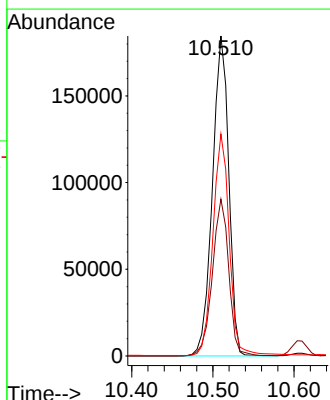
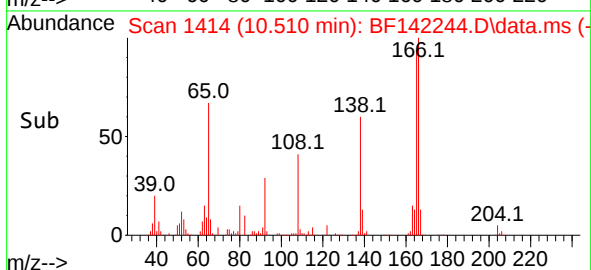
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

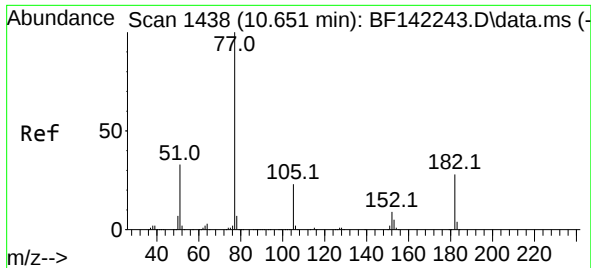


#62
4-Nitroaniline
Concen: 52.547 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



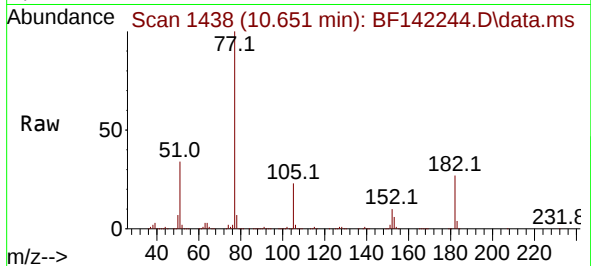
Tgt Ion:138 Resp: 258117
Ion Ratio Lower Upper
138 100
92 49.0 29.2 69.2
108 69.4 49.1 89.1





#63
Azobenzene
Concen: 51.226 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

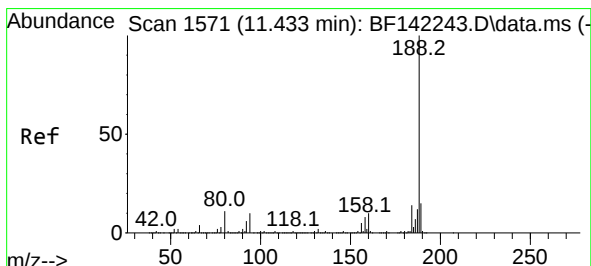
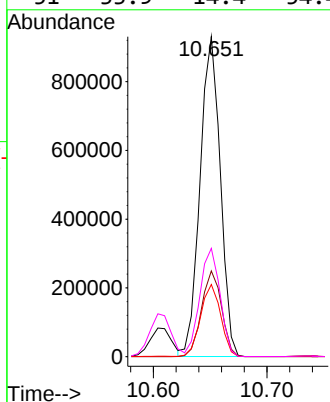
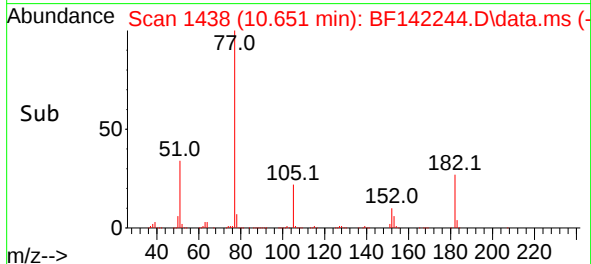
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



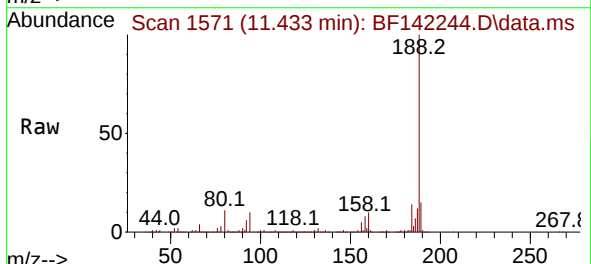
Tgt Ion: 77 Resp: 115089
Ion Ratio Lower Upper
77 100
182 26.8 7.3 47.3
105 22.6 2.5 42.5
51 33.9 14.4 54.4

Manual Integrations
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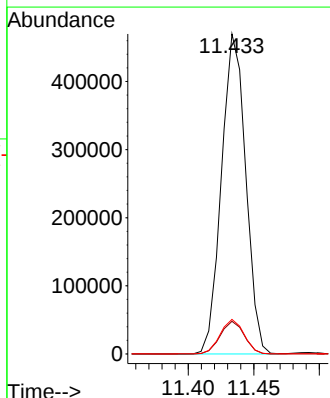
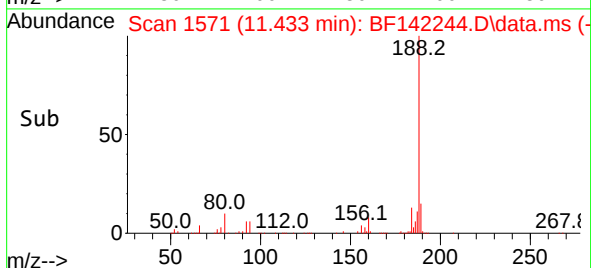
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

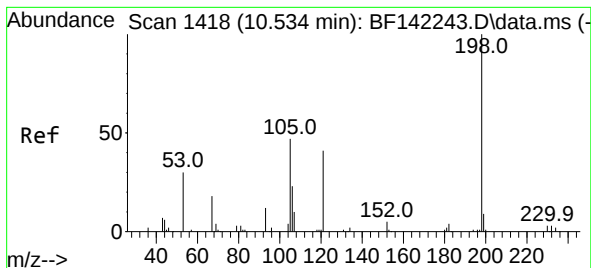


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



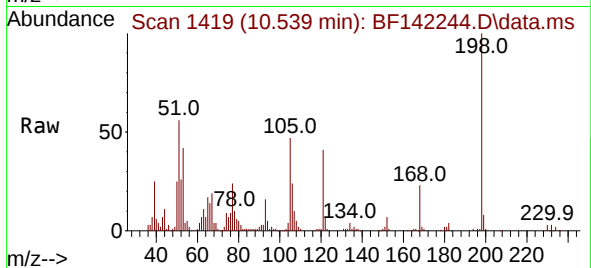
Tgt Ion:188 Resp: 604171
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.8 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.012 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.005 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

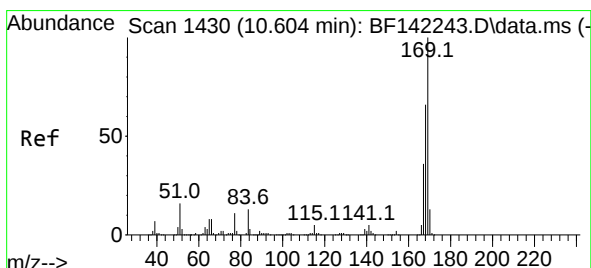
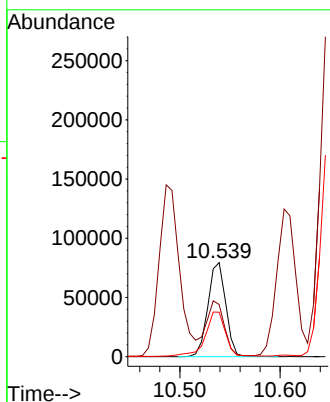
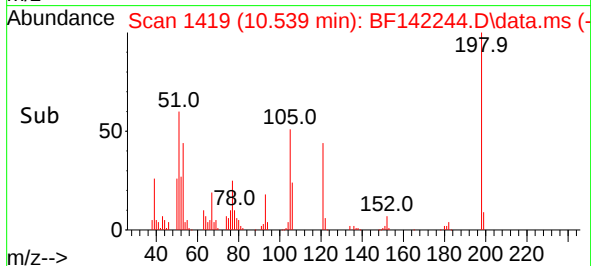
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



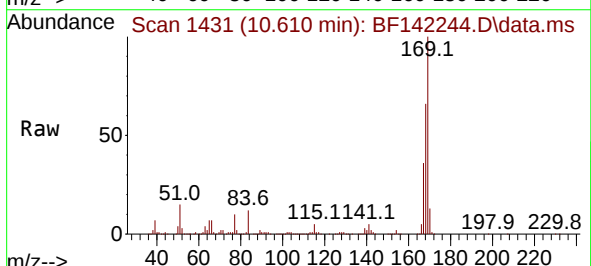
Tgt Ion:198 Resp: 98114
Ion Ratio Lower Upper
198 100
51 55.5 40.6 80.6
105 47.3 29.2 69.2

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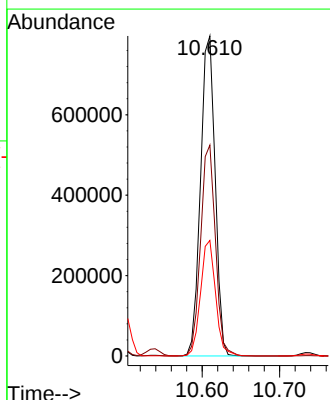
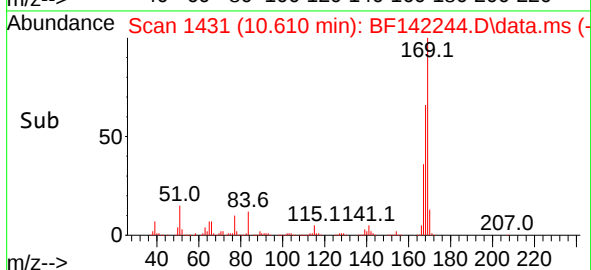
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

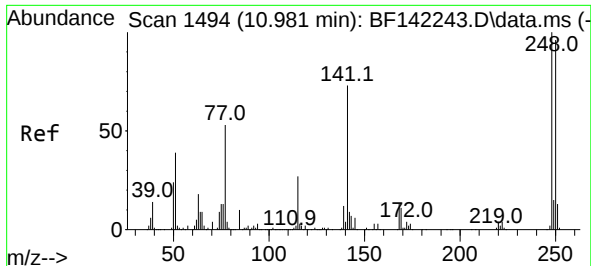


#66
n-Nitrosodiphenylamine
Concen: 50.442 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



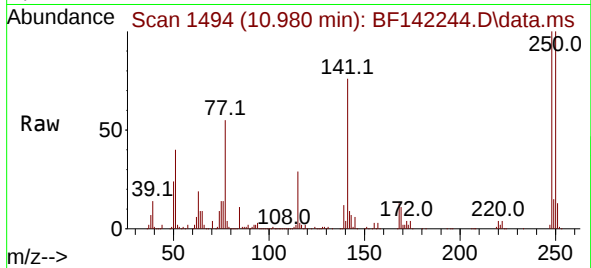
Tgt Ion:169 Resp: 1041277
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.6
167 36.1 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 50.576 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

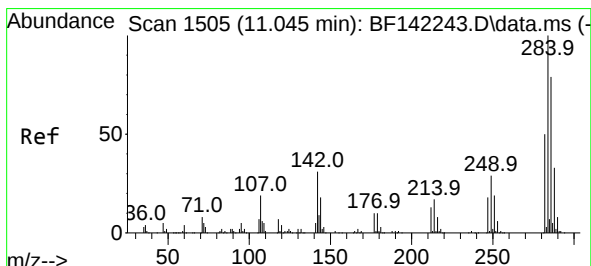
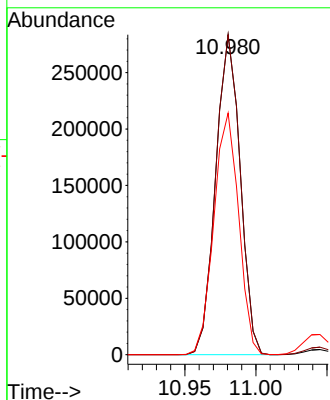
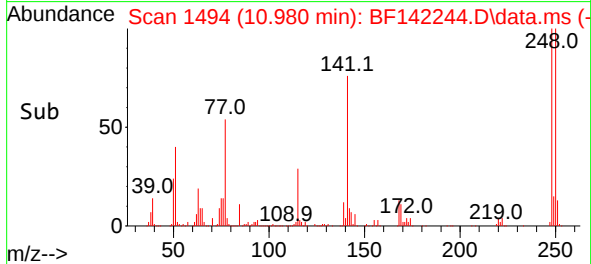
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



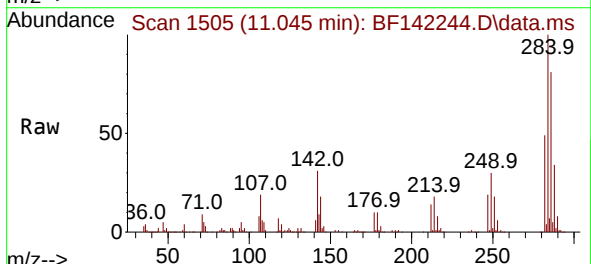
Tgt Ion:248 Resp: 340298
Ion Ratio Lower Upper
248 100
250 100.0 77.2 115.8
141 75.5 58.4 87.6

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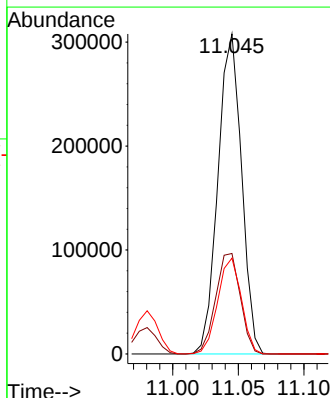
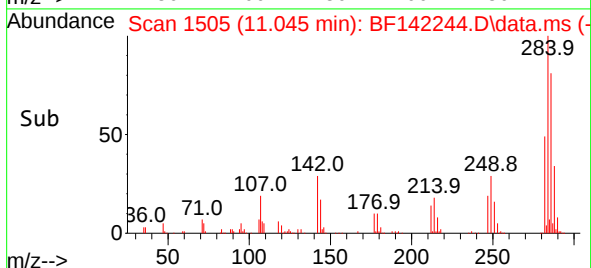
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

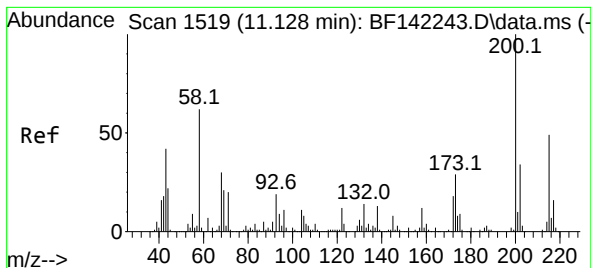


#68
Hexachlorobenzene
Concen: 51.064 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



Tgt Ion:284 Resp: 384807
Ion Ratio Lower Upper
284 100
142 31.4 24.6 37.0
249 30.0 23.2 34.8





#69

Atrazine

Concen: 52.819 ng

RT: 11.133 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:200 Resp: 28740

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

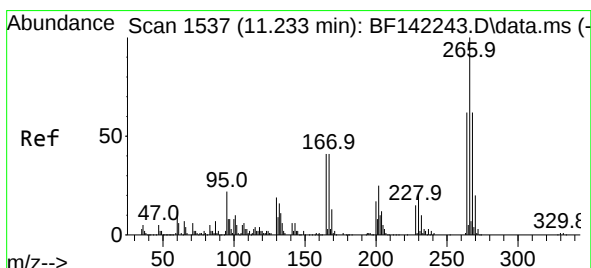
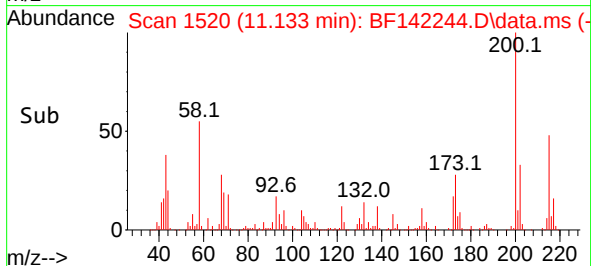
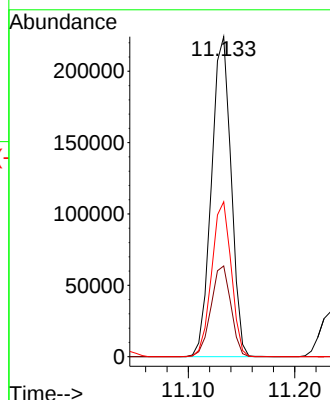
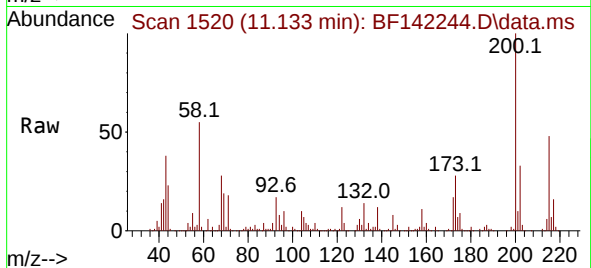
215 48.4 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#70

Pentachlorophenol

Concen: 55.114 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

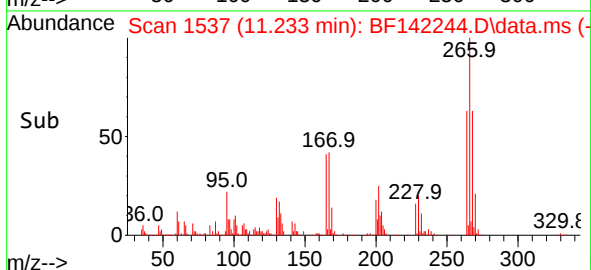
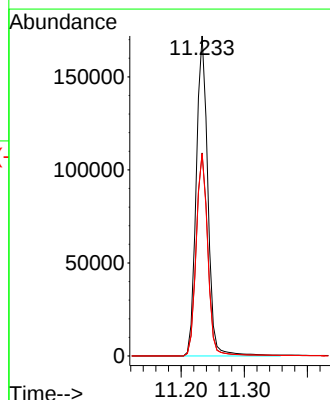
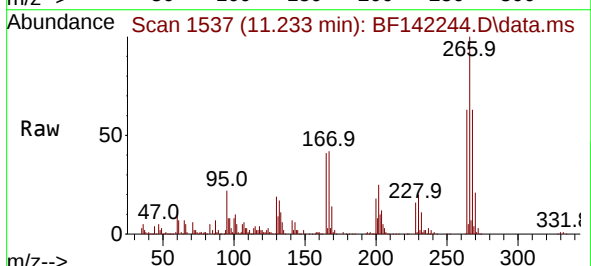
Tgt Ion:266 Resp: 219414

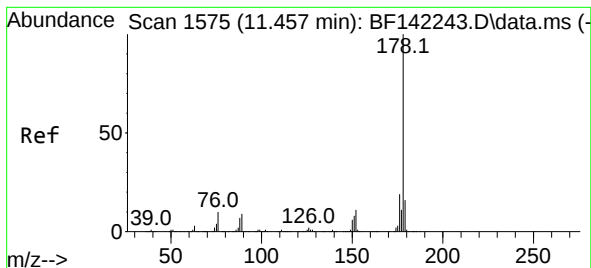
Ion Ratio Lower Upper

266 100

268 63.5 50.0 75.0

264 63.2 49.3 73.9





#71

Phenanthrene

Concen: 49.244 ng

RT: 11.463 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 1607091

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

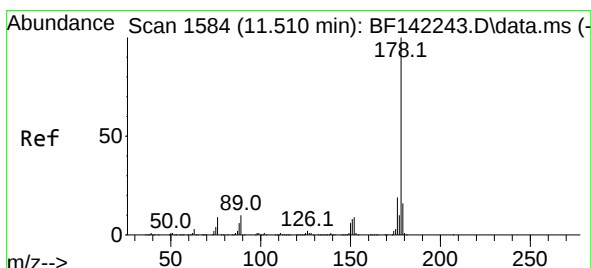
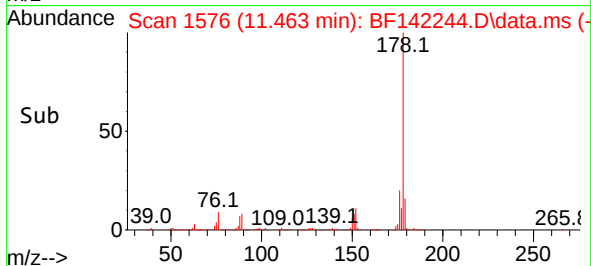
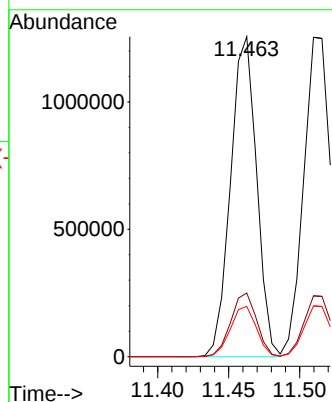
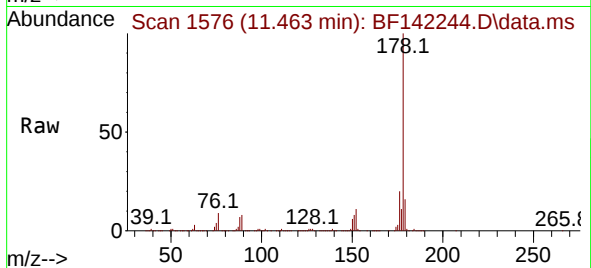
179 15.7 12.6 19.0

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#72

Anthracene

Concen: 49.744 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

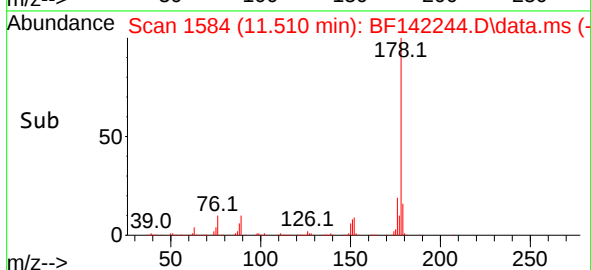
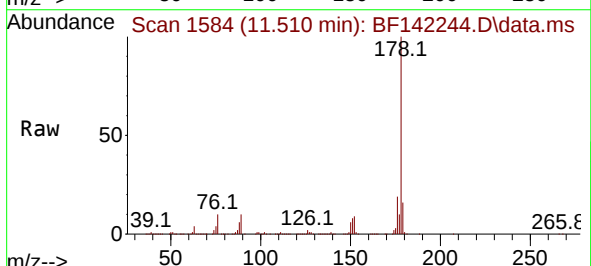
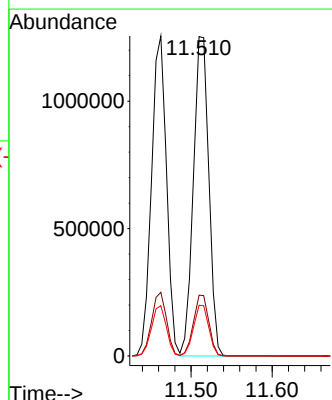
Tgt Ion:178 Resp: 1659788

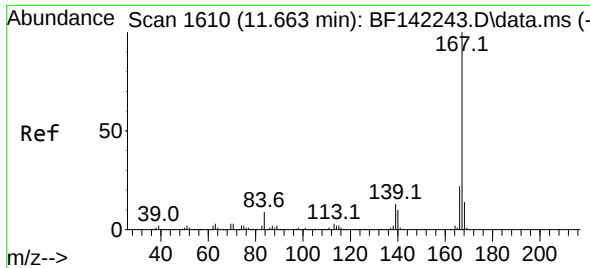
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

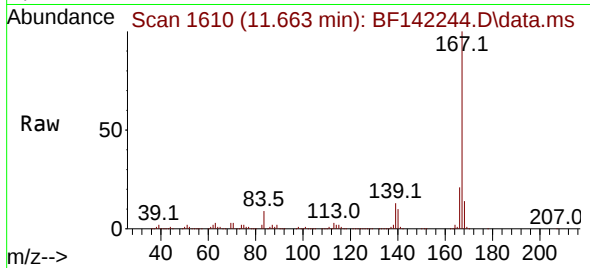
179 15.9 12.7 19.1





#73
 Carbazole
 Concen: 49.436 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF142244.D
 Acq: 30 Apr 2025 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

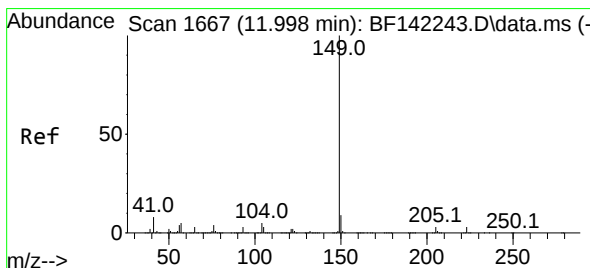
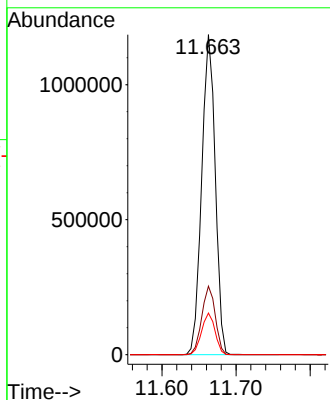
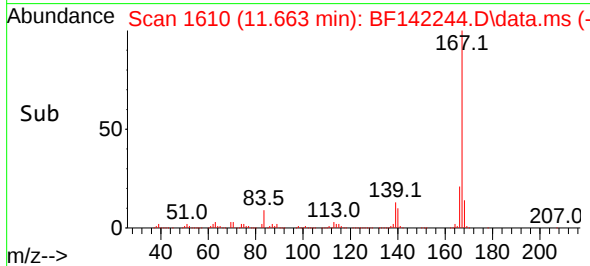


Tgt Ion:167 Resp: 1504715

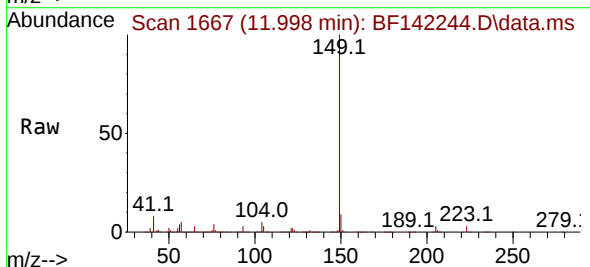
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	13.0	10.3	15.5

Manual Integrations
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Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

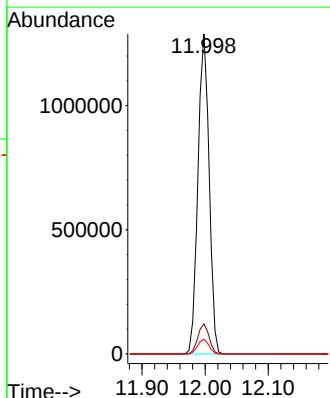
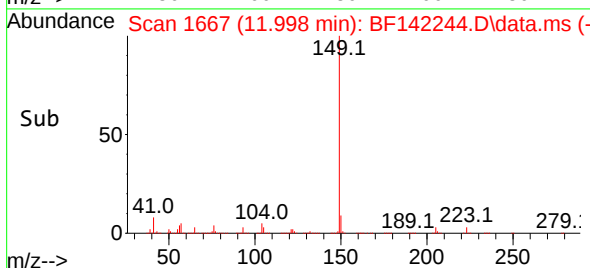


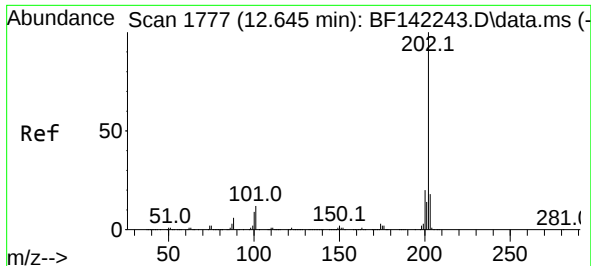
#74
 Di-n-butylphthalate
 Concen: 51.573 ng
 RT: 11.998 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: BF142244.D
 Acq: 30 Apr 2025 13:46



Tgt Ion:149 Resp: 1578769

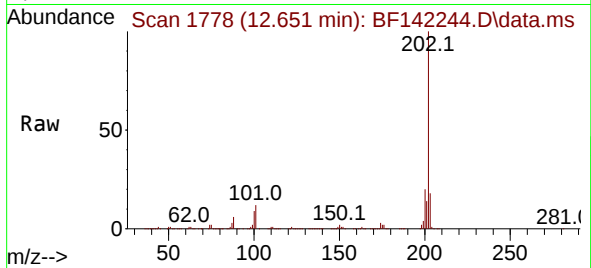
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.6	3.6	5.4





#75
Fluoranthene
Concen: 48.481 ng
RT: 12.651 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

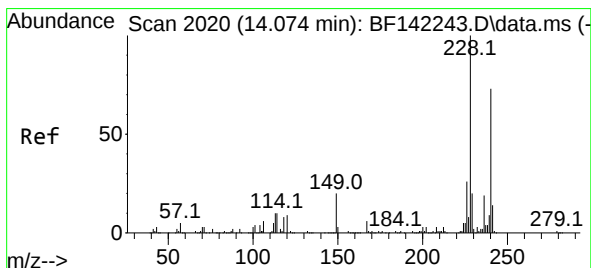
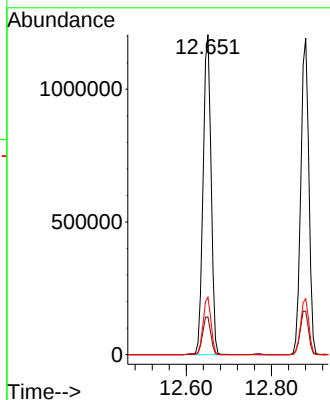
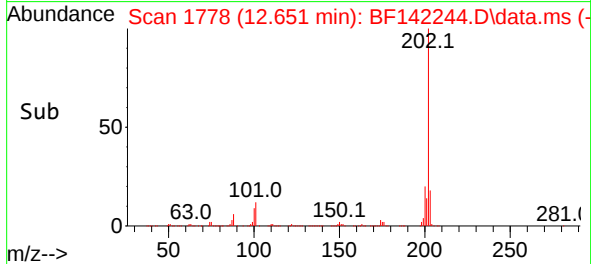
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1563998
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 17.9 0.0 37.5

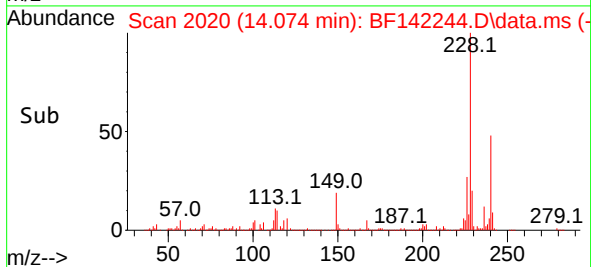
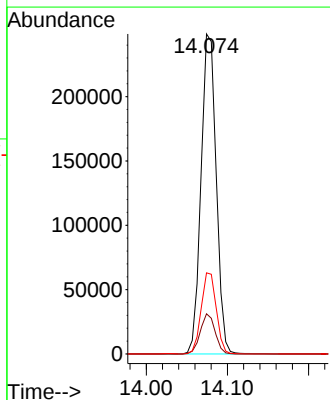
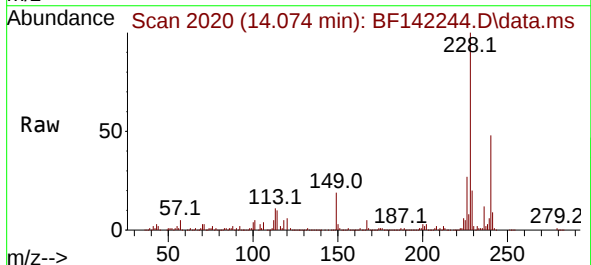
Manual Integrations
APPROVED

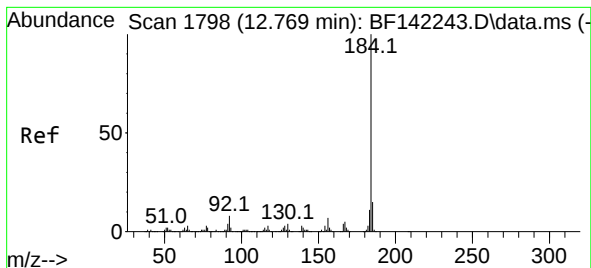
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:240 Resp: 322957
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.3 20.5 30.7





#77

Benzidine

Concen: 55.590 ng

RT: 12.768 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

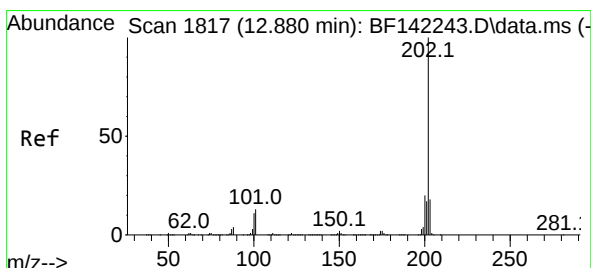
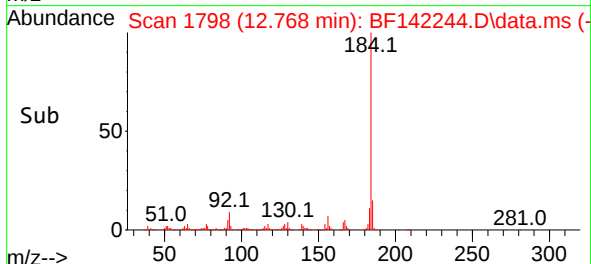
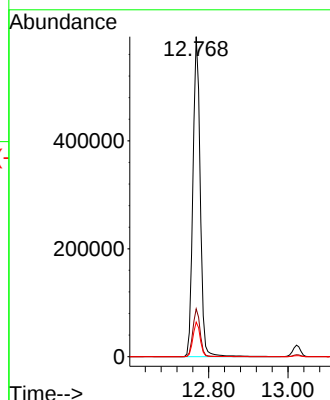
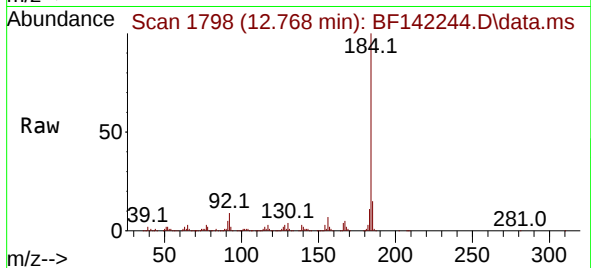
Tgt Ion:184 Resp: 762858
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.8 17.6
 183 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#78

Pyrene

Concen: 52.484 ng

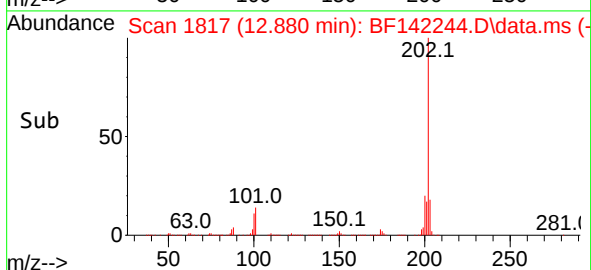
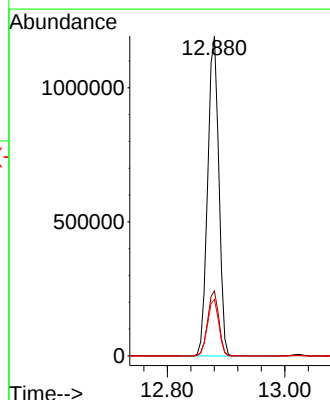
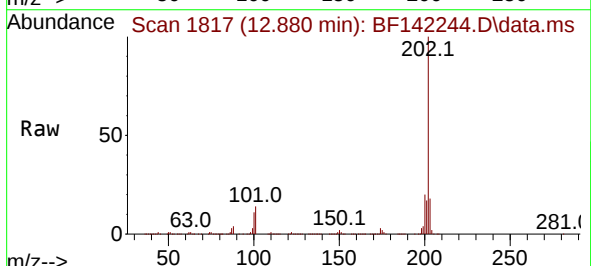
RT: 12.880 min Scan# 1817

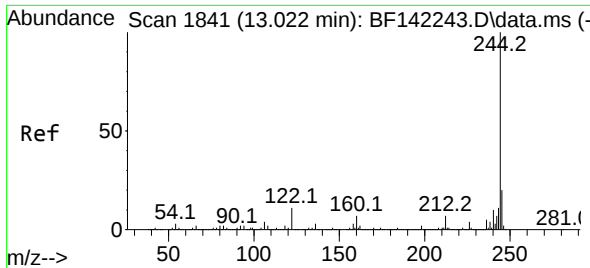
Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Tgt Ion:202 Resp: 1563568
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.1 24.1
 203 17.7 14.1 21.1





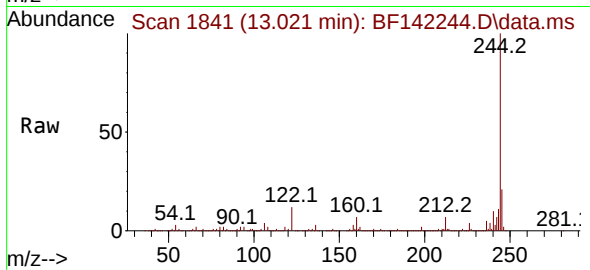
#79
 Terphenyl-d14
 Concen: 101.236 ng
 RT: 13.021 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: BF142244.D
 Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



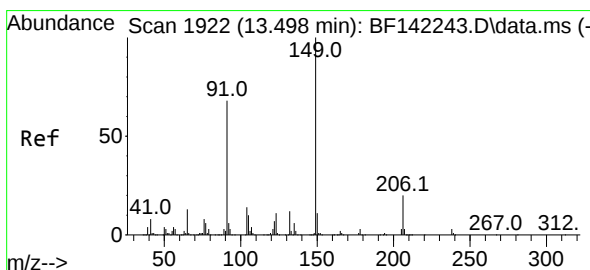
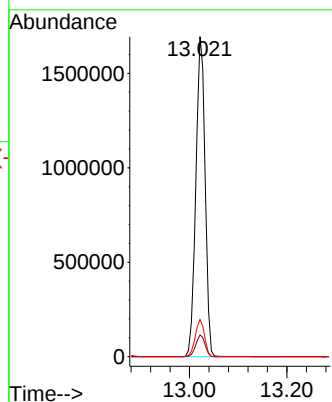
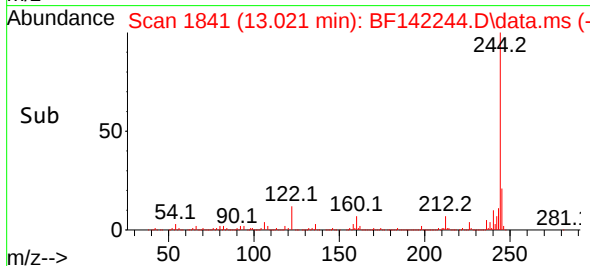
Tgt Ion:244 Resp: 224798
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 11.6 9.1 13.7

Manual Integrations

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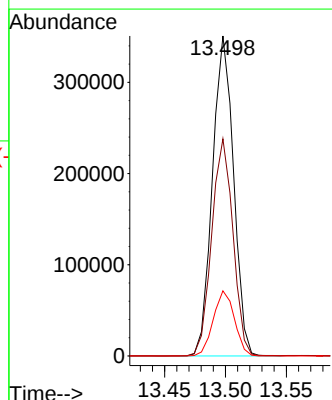
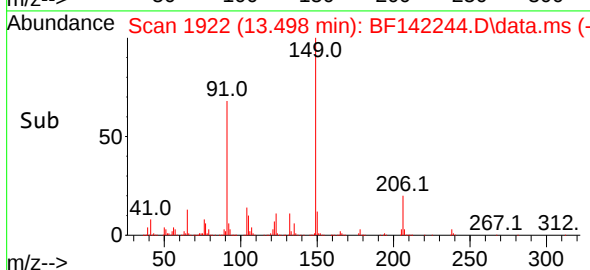
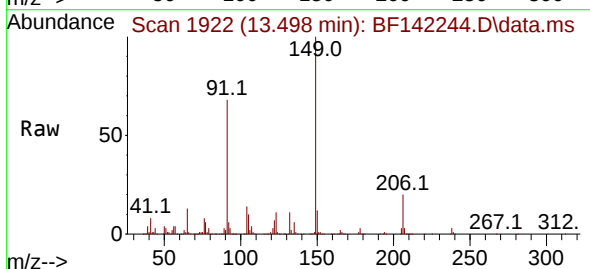
Reviewed By :Rahul Chavli 05/01/2025

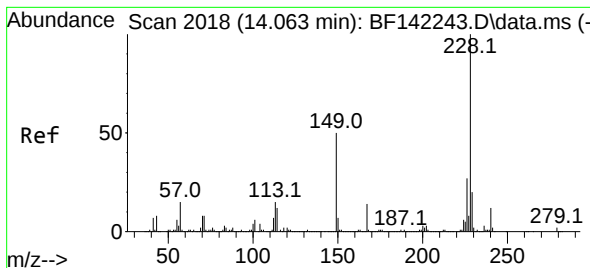
Supervised By :Jagrut Upadhyay 05/01/2025



#80
 Butylbenzylphthalate
 Concen: 51.685 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF142244.D
 Acq: 30 Apr 2025 13:46

Tgt Ion:149 Resp: 423529
 Ion Ratio Lower Upper
 149 100
 91 67.9 54.4 81.6
 206 20.3 15.9 23.9





#81

Benzo(a)anthracene

Concen: 51.691 ng

RT: 14.068 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF142244.D

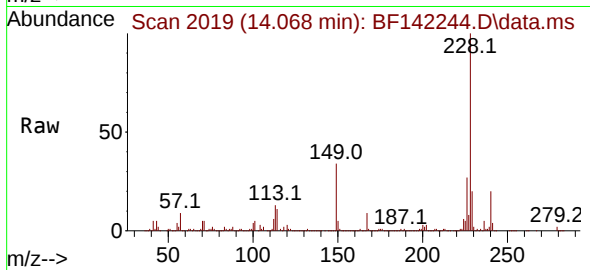
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:228 Resp: 1120699

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

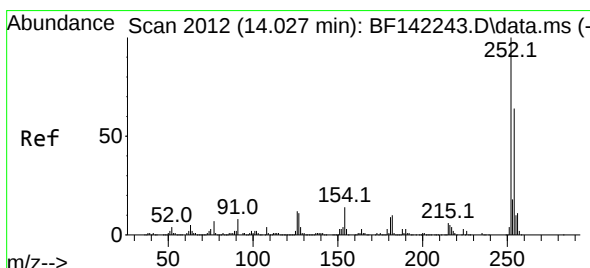
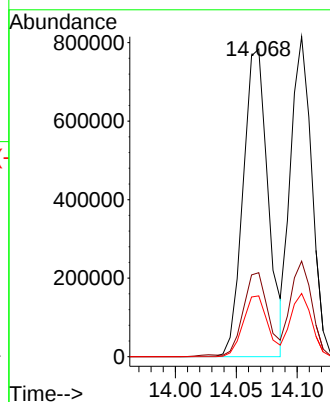
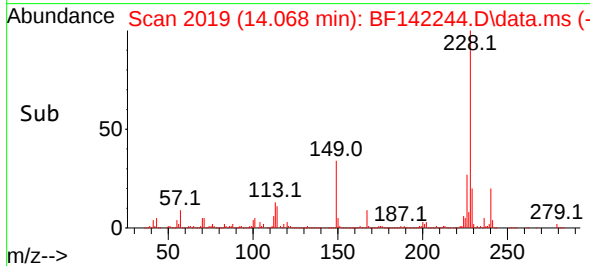
229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#82

3,3'-Dichlorobenzidine

Concen: 57.021 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

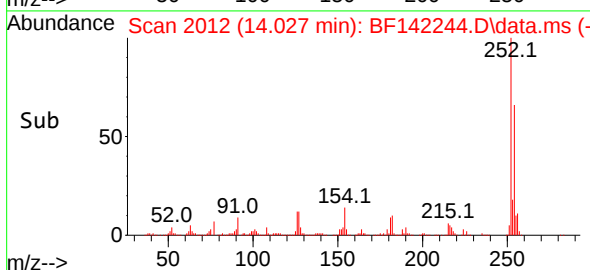
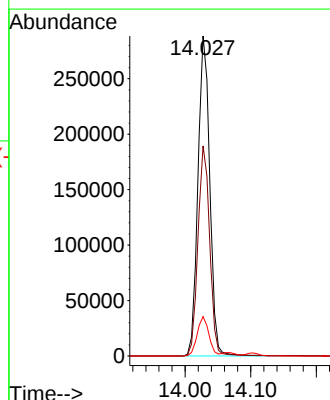
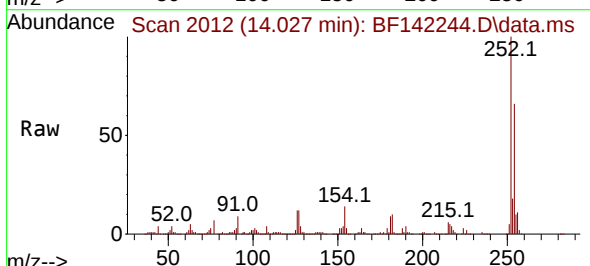
Tgt Ion:252 Resp: 363124

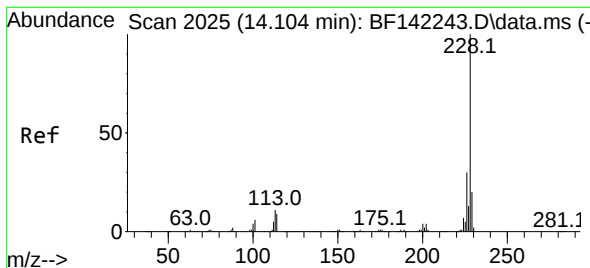
Ion Ratio Lower Upper

252 100

254 65.7 51.0 76.6

126 12.3 9.4 14.2





#83

Chrysene

Concen: 50.214 ng

RT: 14.104 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

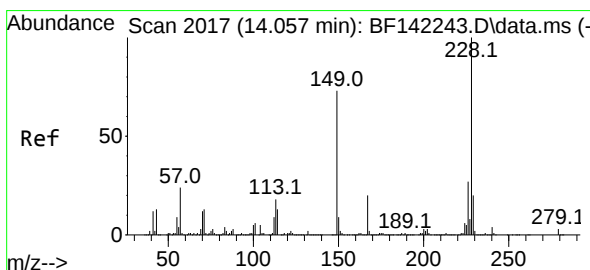
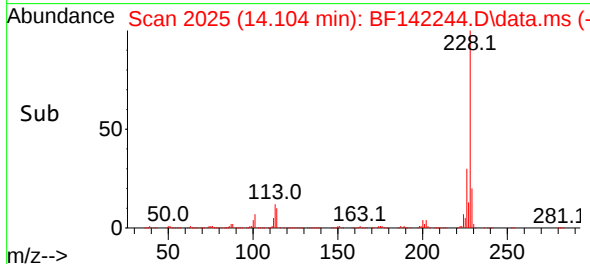
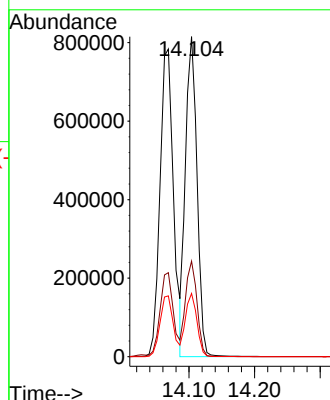
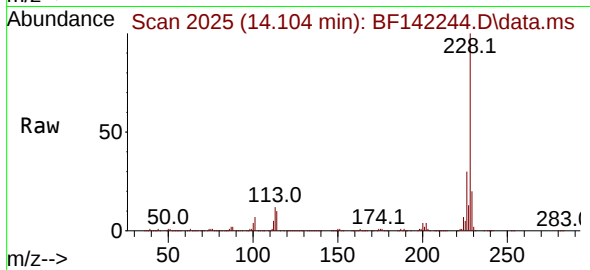
Tgt Ion:	228	Resp:	99099
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.0	36.0
229	19.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.638 ng

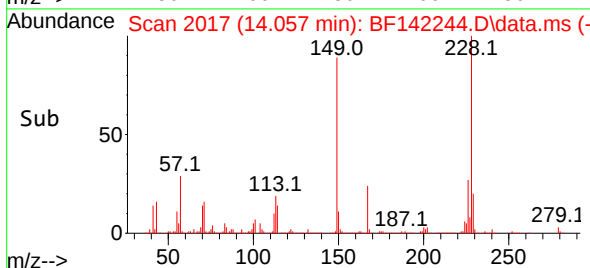
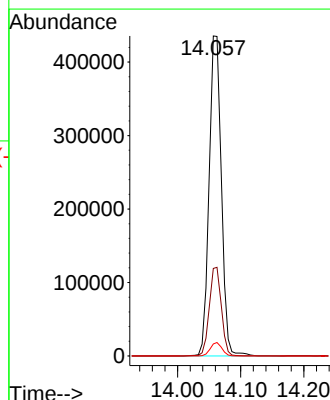
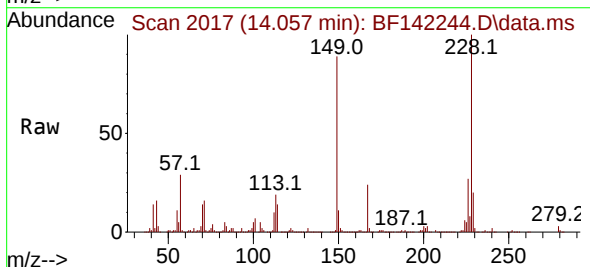
RT: 14.057 min Scan# 2017

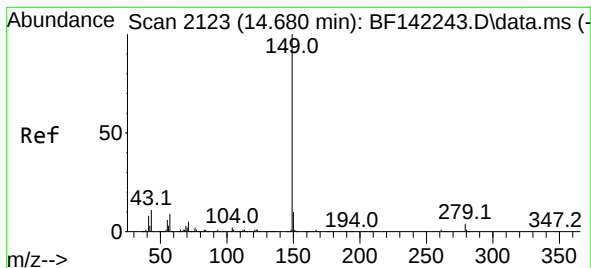
Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

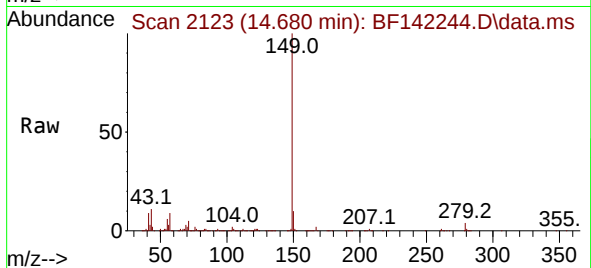
Tgt Ion:	149	Resp:	585800
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.7	32.5
279	3.7	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 51.078 ng
RT: 14.680 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

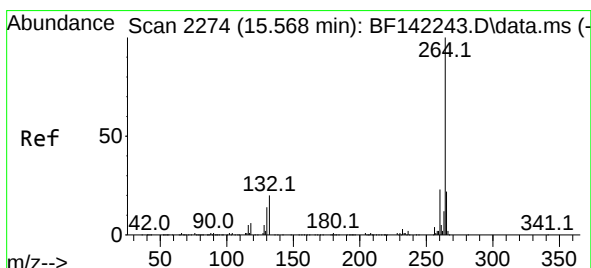
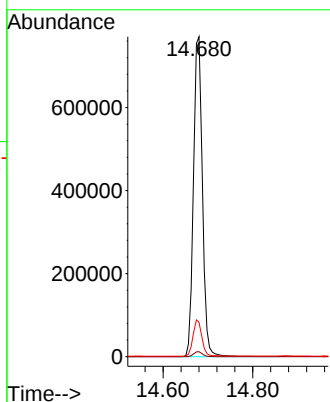
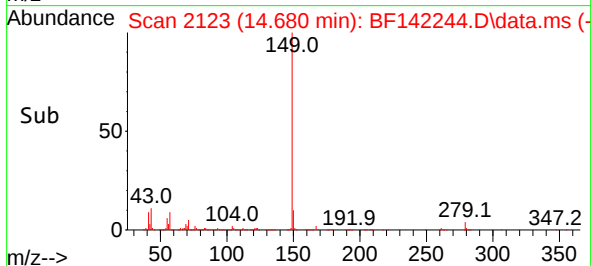
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 1065620
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.3 9.3 13.9

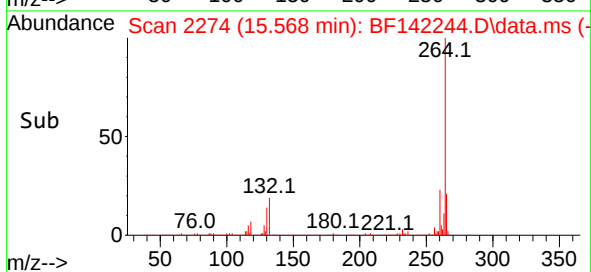
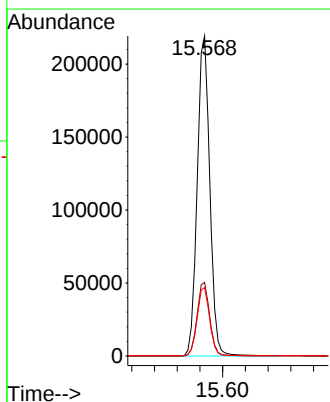
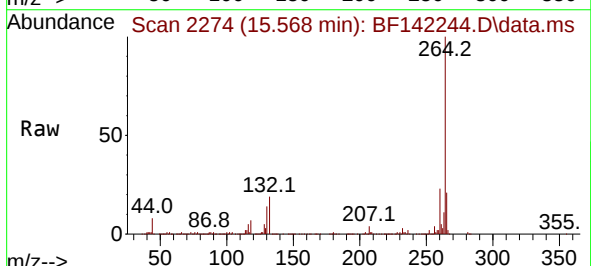
Manual Integrations
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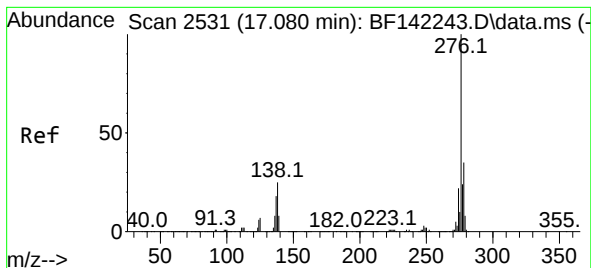
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:264 Resp: 337726
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.091 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 131333

Ion Ratio Lower Upper

276 100

138 29.0 22.6 33.8

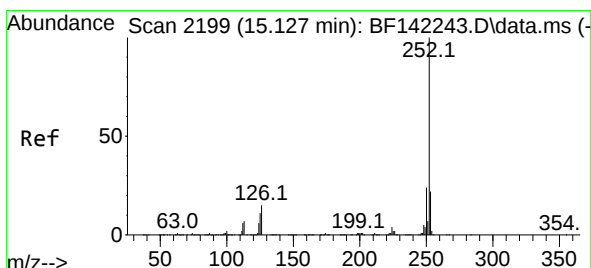
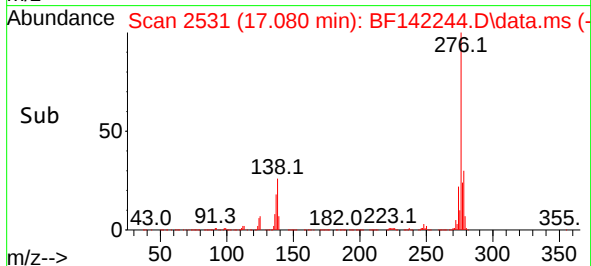
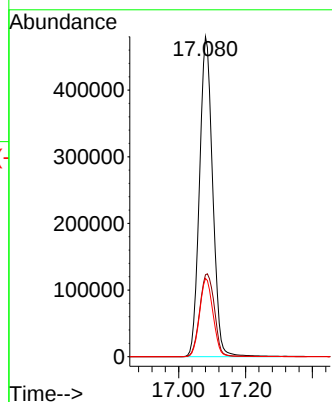
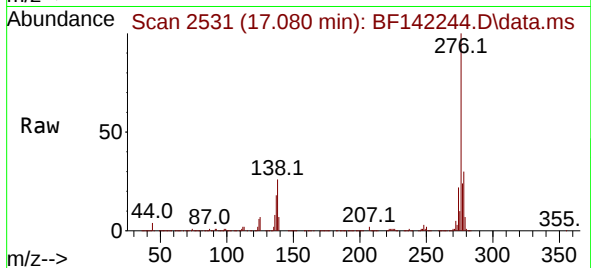
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#88

Benzo(b)fluoranthene

Concen: 51.153 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

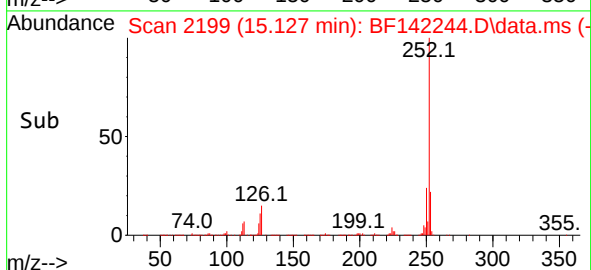
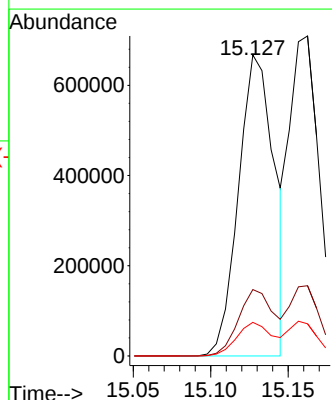
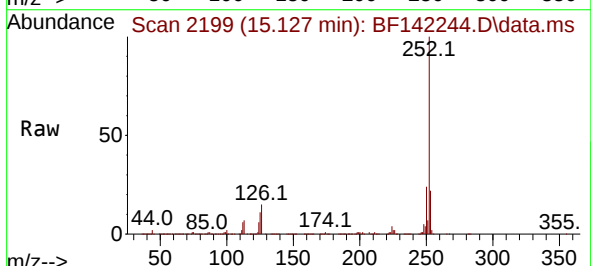
Tgt Ion:252 Resp: 1073096

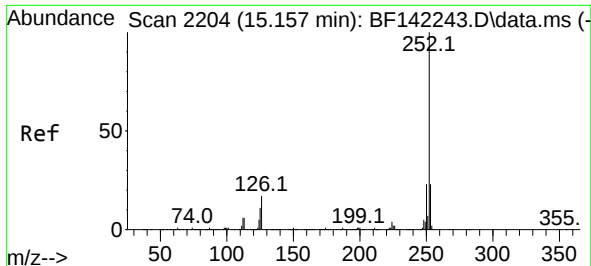
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.2 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 50.408 ng

RT: 15.162 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 96724

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

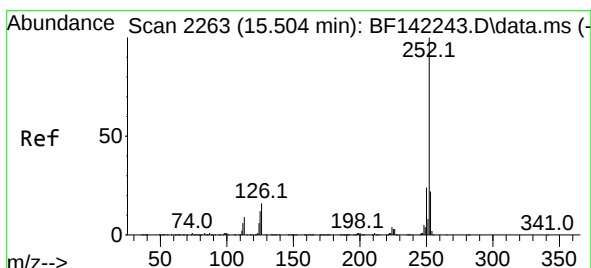
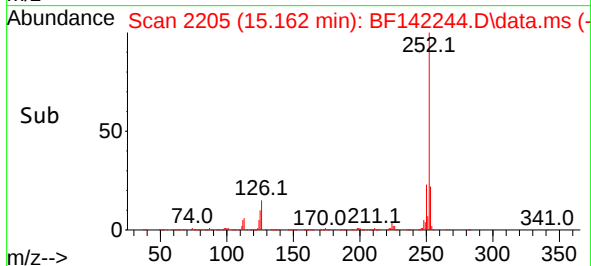
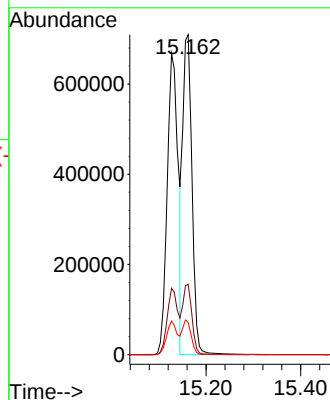
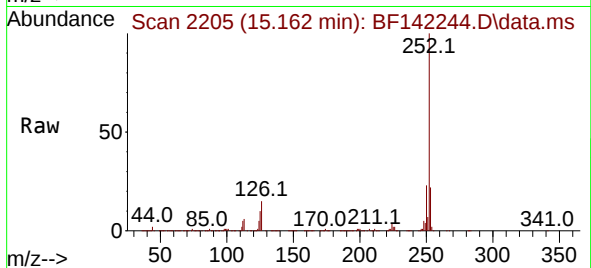
125 10.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#90

Benzo(a)pyrene

Concen: 51.890 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

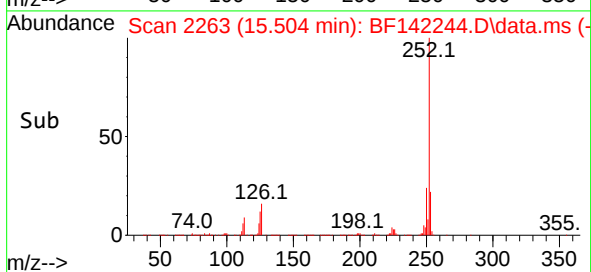
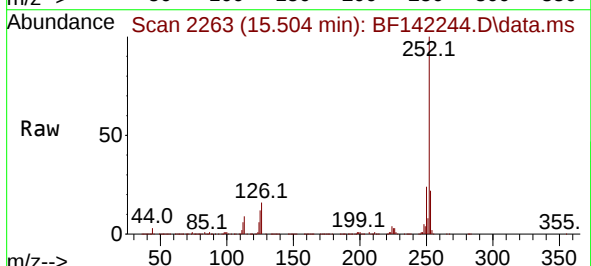
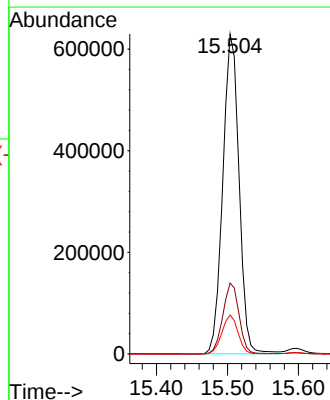
Tgt Ion:252 Resp: 996599

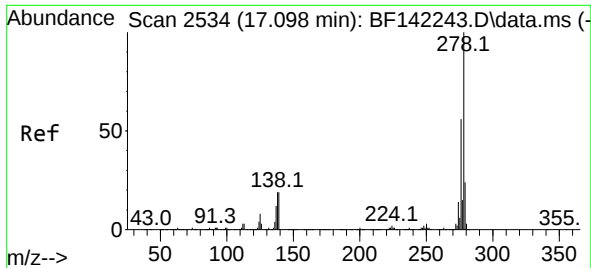
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 12.2 9.5 14.3





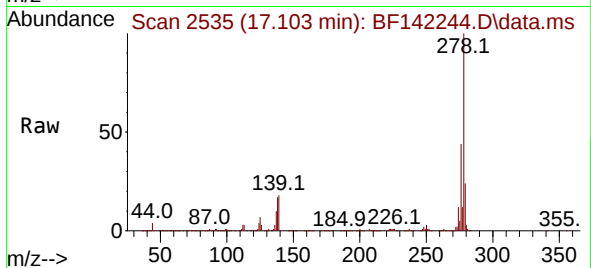
#91
Dibenzo(a,h)anthracene
Concen: 53.457 ng
RT: 17.103 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



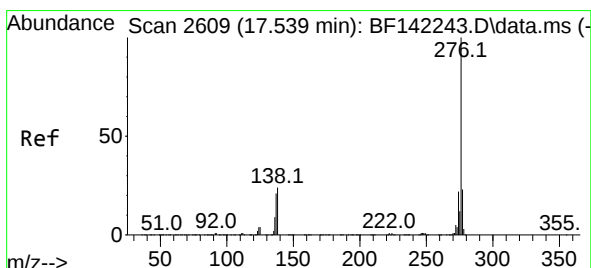
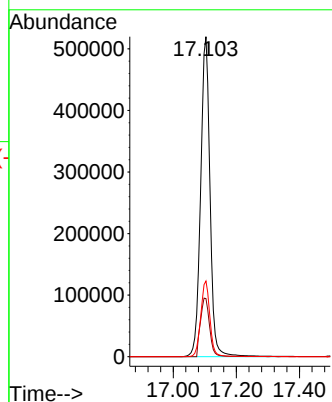
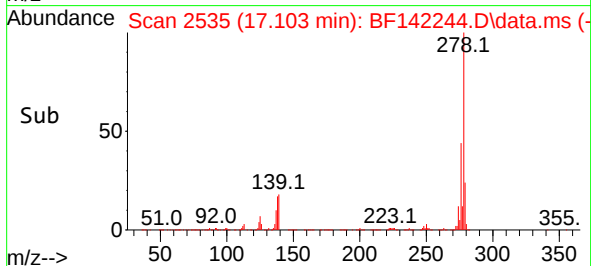
Tgt Ion:278 Resp: 1073240
Ion Ratio Lower Upper
278 100
139 18.2 15.2 22.8
279 23.7 19.0 28.6

Manual Integrations

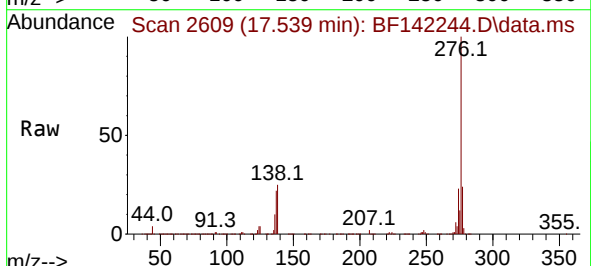
APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 52.984 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



Tgt Ion:276 Resp: 1069402
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 25.3 19.4 29.0

