

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143220.D
 Acq On : 23 Jul 2025 19:25
 Operator : RC/JU
 Sample : Q2649-09MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025

Quant Time: Jul 24 01:19:36 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 17 15:14:05 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	123942	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	487638	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	259548	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	437619	20.000	ng	0.00
76) Chrysene-d12	14.121	240	254287	20.000	ng	0.00
86) Perylene-d12	15.627	264	273112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	656400	83.808	ng	0.02
7) Phenol-d6	6.592	99	907029	92.007	ng	0.00
23) Nitrobenzene-d5	7.522	82	621749	63.556	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	247670	92.370	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1024568	53.987	ng	0.00
79) Terphenyl-d14	13.063	244	988316	57.837	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.893	88	136960	36.956	ng	99
3) Pyridine	3.646	79	371563	38.627	ng	99
4) n-Nitrosodimethylamine	3.593	42	212830	42.854	ng	99
6) Aniline	6.622	93	353230	25.709	ng	93
8) 2-Chlorophenol	6.751	128	355457	43.297	ng	97
9) Benzaldehyde	6.510	77	243011	32.874	ng	97
10) Phenol	6.604	94	465478	43.342	ng	95
11) bis(2-Chloroethyl)ether	6.692	93	346838	42.179	ng	100
12) 1,3-Dichlorobenzene	6.904	146	382448	42.883	ng	100
13) 1,4-Dichlorobenzene	6.981	146	388505	43.257	ng	99
14) 1,2-Dichlorobenzene	7.134	146	373177	43.686	ng	99
15) Benzyl Alcohol	7.098	79	339159	45.057	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	651683	42.722	ng	98
17) 2-Methylphenol	7.210	107	306449	44.394	ng	99
18) Hexachloroethane	7.481	117	138420	44.519	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	267541	42.301	ng	98
20) 3+4-Methylphenols	7.363	107	363208	43.368	ng	# 76
22) Acetophenone	7.369	105	487694	42.243	ng	# 97
24) Nitrobenzene	7.539	77	403268	44.216	ng	99
25) Isophorone	7.781	82	744006	43.082	ng	99
26) 2-Nitrophenol	7.857	139	199741	50.461	ng	99
27) 2,4-Dimethylphenol	7.892	122	346051	42.889	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	446720	43.143	ng	99
29) 2,4-Dichlorophenol	8.098	162	301890	44.367	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	322037	43.808	ng	99
31) Naphthalene	8.269	128	1042280	43.400	ng	99
32) Benzoic acid	8.004	122	232787	50.871	ng	98
33) 4-Chloroaniline	8.304	127	76450	7.796	ng	99
34) Hexachlorobutadiene	8.386	225	198172	44.130	ng	98
35) Caprolactam	8.675	113	103427m	50.301	ng	
36) 4-Chloro-3-methylphenol	8.792	107	330408	44.675	ng	97
37) 2-Methylnaphthalene	8.957	142	644249	44.085	ng	100
38) 1-Methylnaphthalene	9.057	142	657451	43.688	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	314114	41.919	ng	99
41) Hexachlorocyclopentadiene	9.116	237	422934	86.742	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	219656	42.355	ng	99

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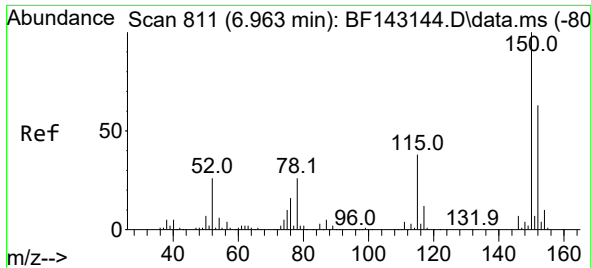
Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/24/2025
 Supervised By :Jagrut Upadhyay 07/24/2025

Quant Time: Jul 24 01:19:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

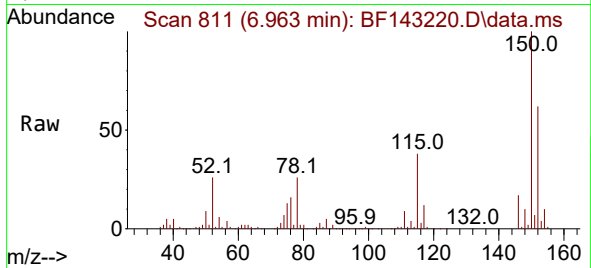
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	234252	45.156	ng	99
46) 1,1'-Biphenyl	9.422	154	867290	42.829	ng	99
47) 2-Chloronaphthalene	9.445	162	632471	42.212	ng	99
48) 2-Nitroaniline	9.533	65	220648	46.959	ng	98
49) Acenaphthylene	9.863	152	1079291	42.983	ng	100
50) Dimethylphthalate	9.716	163	760601	44.958	ng	100
51) 2,6-Dinitrotoluene	9.775	165	167929	48.793	ng	99
52) Acenaphthene	10.033	154	704873	47.495	ng	100
53) 3-Nitroaniline	9.939	138	90150	22.394	ng	99
54) 2,4-Dinitrophenol	10.051	184	178640	111.650	ng	# 1
55) Dibenzofuran	10.204	168	937313	42.539	ng	99
56) 4-Nitrophenol	10.104	139	281333	93.589	ng	98
57) 2,4-Dinitrotoluene	10.180	165	224148	51.912	ng	96
58) Fluorene	10.551	166	710745	42.978	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	181351	42.202	ng	99
60) Diethylphthalate	10.416	149	755779	45.197	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	361466	43.896	ng	99
62) 4-Nitroaniline	10.563	138	164599	47.708	ng	98
63) Azobenzene	10.698	77	843200	48.382	ng	96
65) 4,6-Dinitro-2-methylph...	10.586	198	119890	51.779	ng	98
66) n-Nitrosodiphenylamine	10.657	169	640835	41.586	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	221964	42.561	ng	99
68) Hexachlorobenzene	11.098	284	227510	41.737	ng	98
69) Atrazine	11.180	200	201855	47.514	ng	100
70) Pentachlorophenol	11.292	266	207564	64.749	ng	99
71) Phenanthrene	11.510	178	979358	42.148	ng	99
72) Anthracene	11.563	178	1005804	42.442	ng	99
73) Carbazole	11.710	167	897233	43.359	ng	99
74) Di-n-butylphthalate	12.039	149	1127752	48.165	ng	100
75) Fluoranthene	12.698	202	963087	45.156	ng	99
77) Benzidine	12.810	184	393562	40.172	ng	98
78) Pyrene	12.927	202	949631	43.758	ng	100
80) Butylbenzylphthalate	13.539	149	381019	57.335	ng	98
81) Benzo(a)anthracene	14.110	228	770634	45.266	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	85433	15.057	ng	99
83) Chrysene	14.151	228	661006	43.184	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	507821	50.487	ng	99
85) Di-n-octyl phthalate	14.710	149	827288	45.375	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	847227	43.993	ng	99
88) Benzo(b)fluoranthene	15.180	252	765048	45.853	ng	100
89) Benzo(k)fluoranthene	15.209	252	649115	43.598	ng	100
90) Benzo(a)pyrene	15.562	252	689200	44.834	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	683787	43.623	ng	98
92) Benzo(g,h,i)perylene	17.633	276	683531	45.080	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

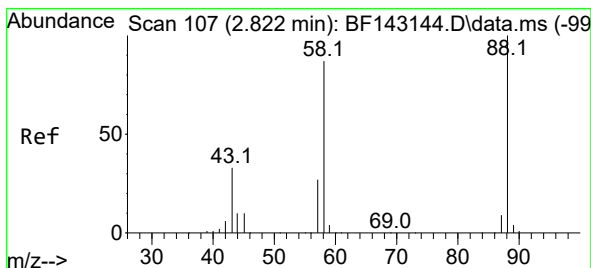
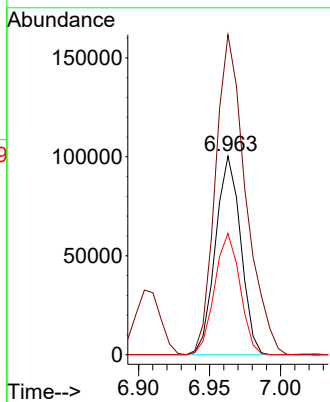
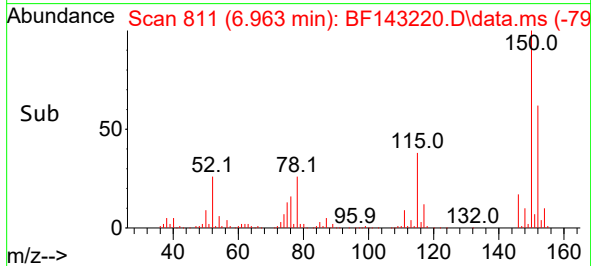
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD



Tgt Ion:152 Resp: 12394
 Ion Ratio Lower Upper
 152 100
 150 161.1 128.2 192.4
 115 61.1 47.9 71.9

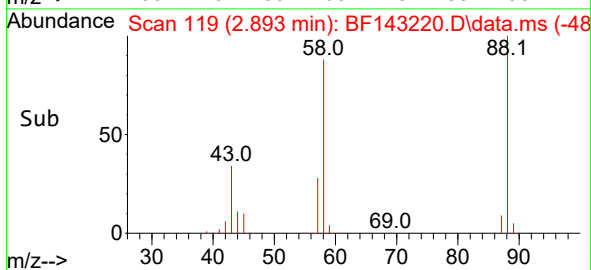
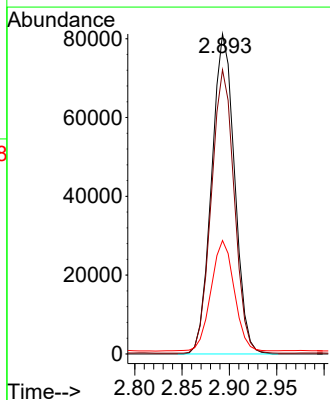
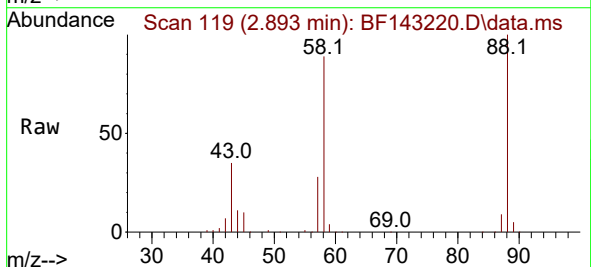
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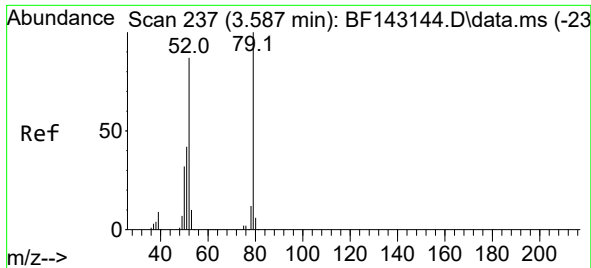
Reviewed By :Rahul Chavli 07/24/2025
 Supervised By :Jagrut Upadhyay 07/24/2025



#2
 1,4-Dioxane
 Concen: 36.956 ng
 RT: 2.893 min Scan# 119
 Delta R.T. 0.071 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

Tgt Ion: 88 Resp: 136960
 Ion Ratio Lower Upper
 88 100
 58 88.1 70.2 105.2
 43 34.9 27.1 40.7





#3

Pyridine

Concen: 38.627 ng

RT: 3.646 min Scan# 247

Delta R.T. 0.059 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion: 79 Resp: 37156

Ion Ratio Lower Upper

79 100

52 85.8 69.4 104.2

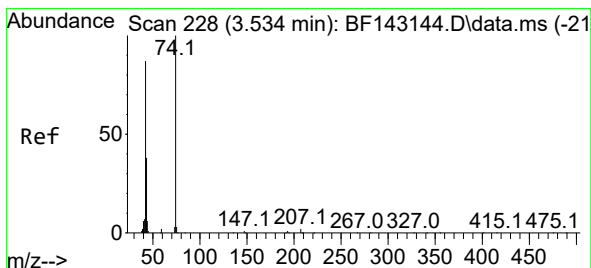
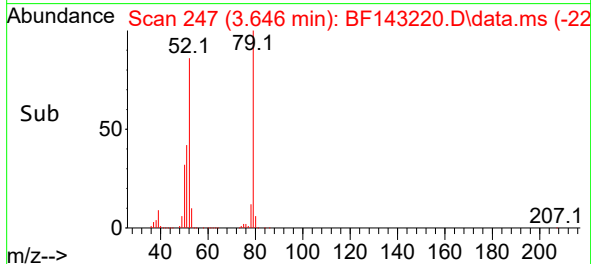
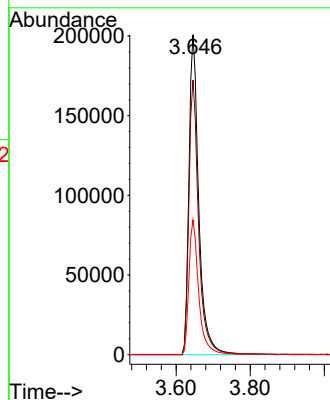
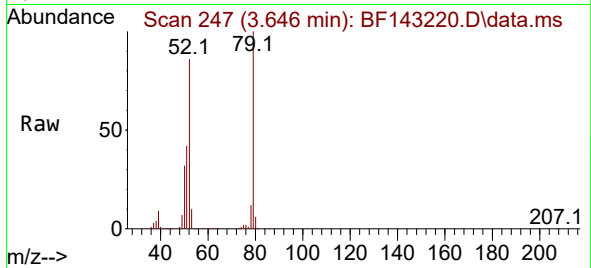
51 42.1 33.5 50.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#4

n-Nitrosodimethylamine

Concen: 42.854 ng

RT: 3.593 min Scan# 238

Delta R.T. 0.059 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

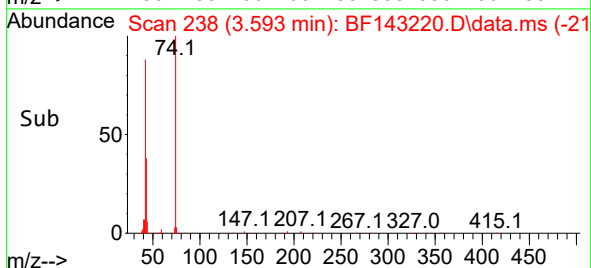
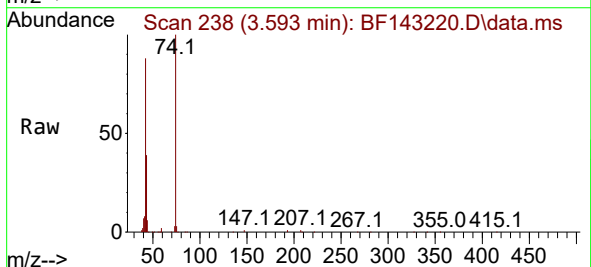
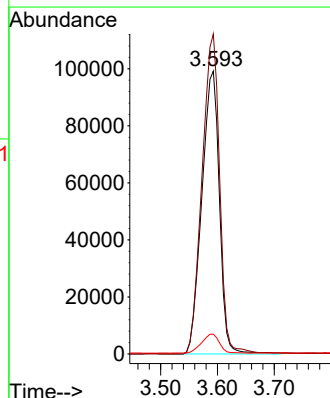
Tgt Ion: 42 Resp: 212830

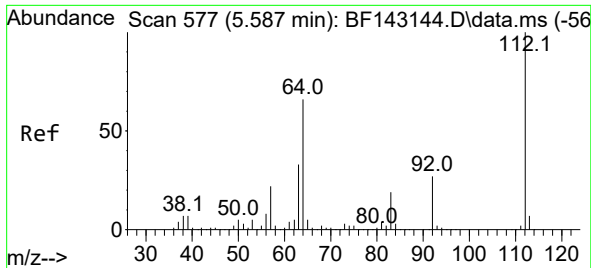
Ion Ratio Lower Upper

42 100

74 113.1 91.7 137.5

44 7.0 5.6 8.4





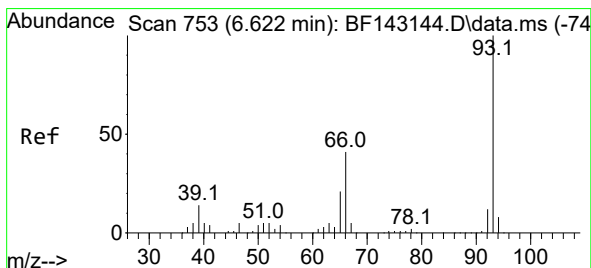
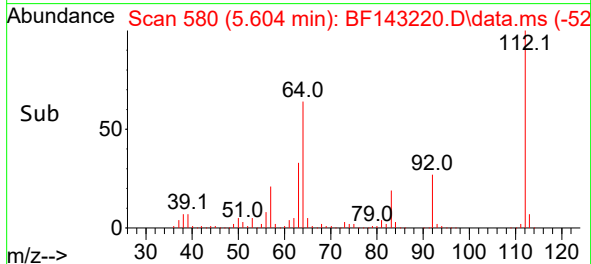
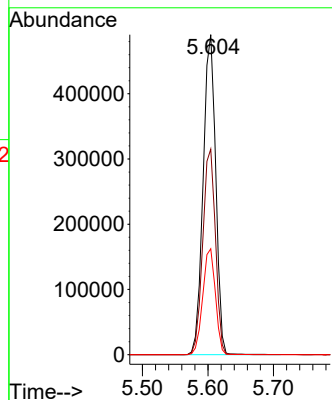
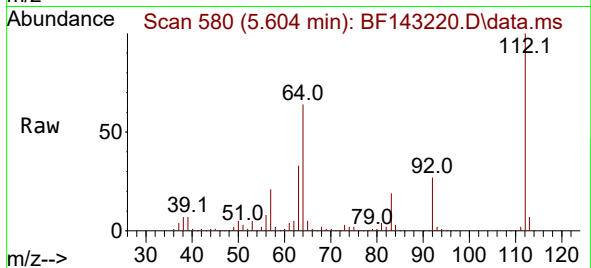
#5
2-Fluorophenol
Concen: 83.808 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:112 Resp: 656400
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 33.1 26.6 40.0

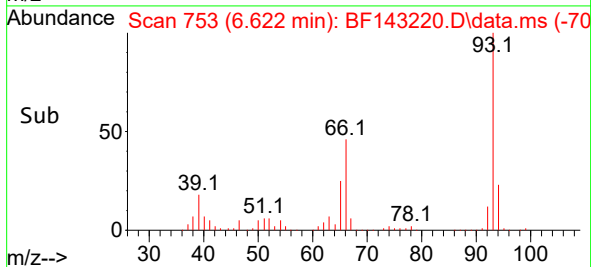
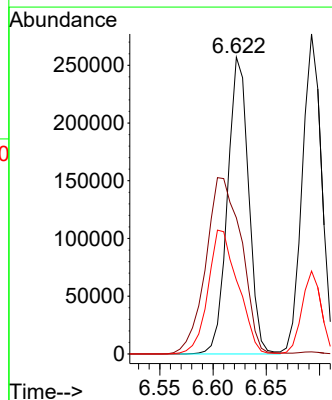
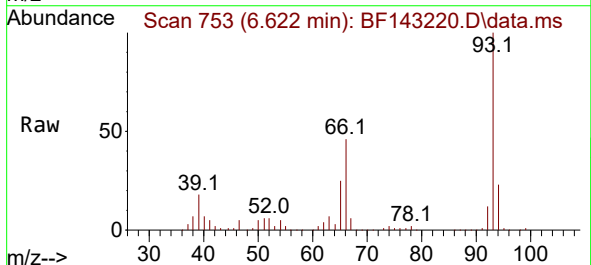
Manual Integrations
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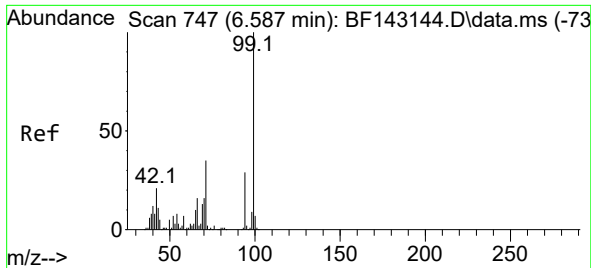
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#6
Aniline
Concen: 25.709 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

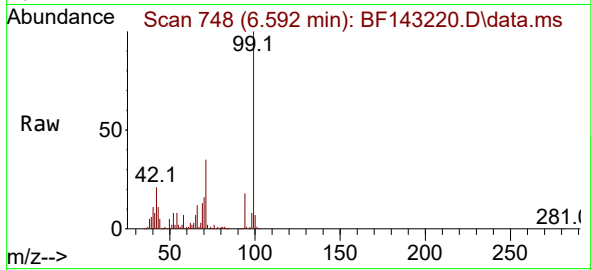
Tgt Ion: 93 Resp: 353230
Ion Ratio Lower Upper
93 100
66 45.9 33.2 49.8
65 24.9 16.9 25.3





#7
Phenol-d6
Concen: 92.007 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

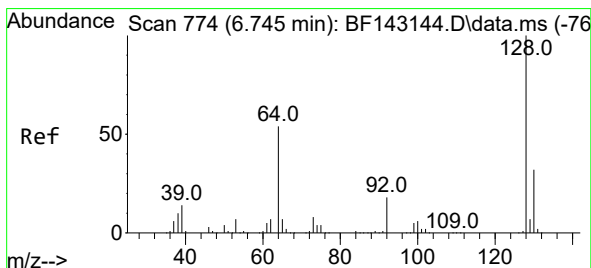
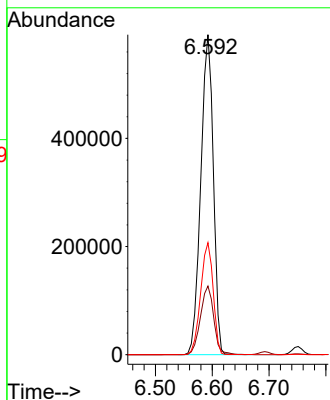
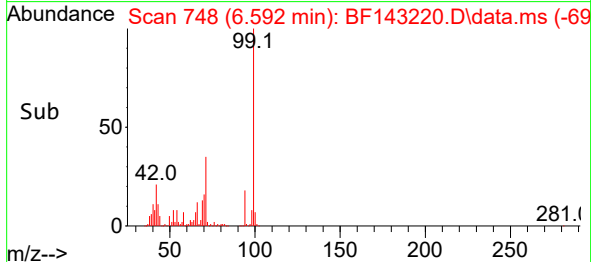
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BNA_F
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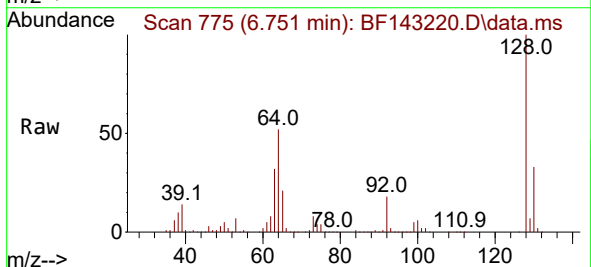
Tgt Ion: 99 Resp: 907029
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 35.0 27.7 41.5

Manual Integrations
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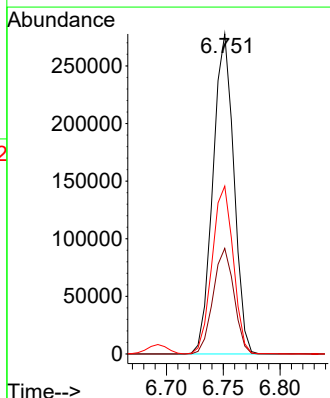
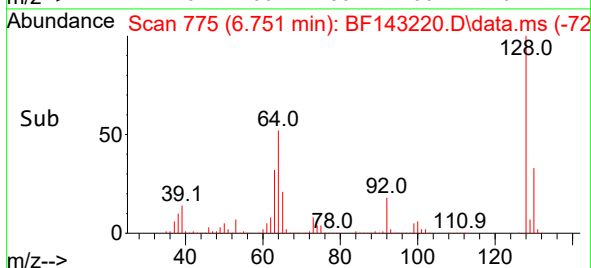
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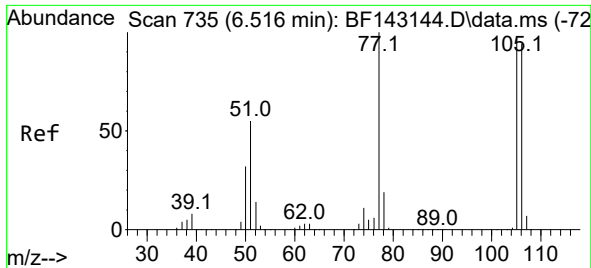


#8
2-Chlorophenol
Concen: 43.297 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



Tgt Ion:128 Resp: 355457
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 52.5 35.9 75.9





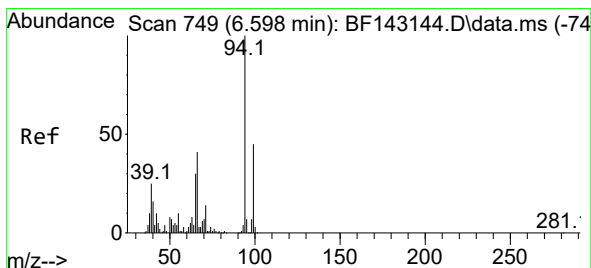
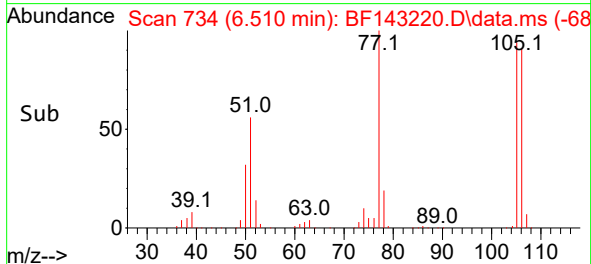
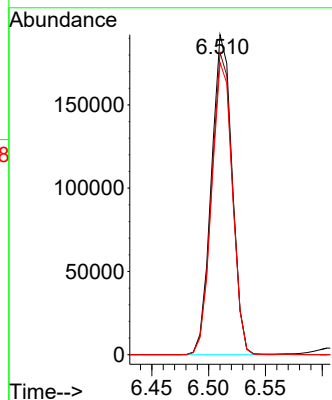
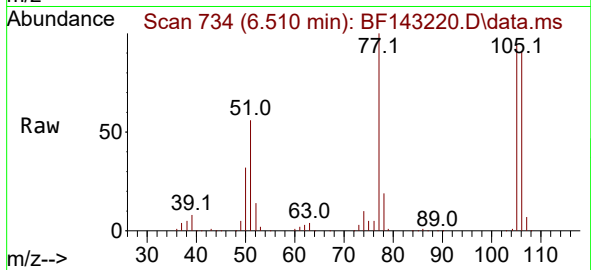
#9
Benzaldehyde
Concen: 32.874 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 77 Resp: 24301
Ion Ratio Lower Upper
77 100
105 94.4 76.8 116.8
106 91.2 74.4 114.4

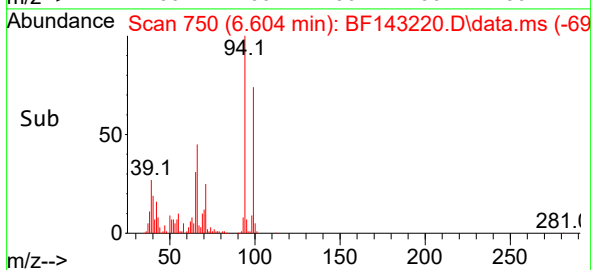
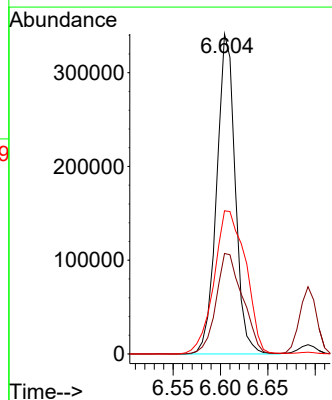
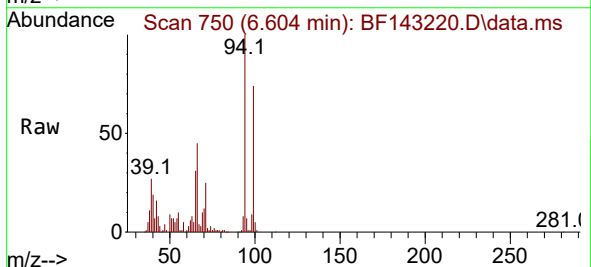
Manual Integrations
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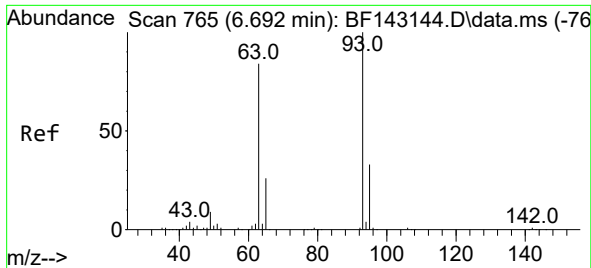
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#10
Phenol
Concen: 43.342 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 94 Resp: 465478
Ion Ratio Lower Upper
94 100
65 31.4 10.0 50.0
66 44.8 20.8 60.8





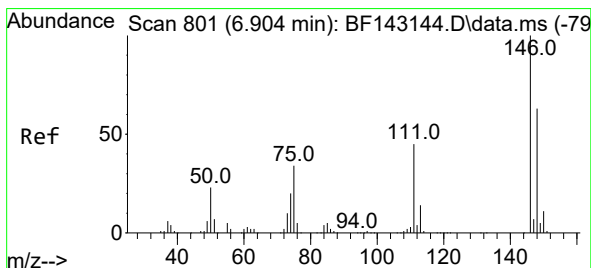
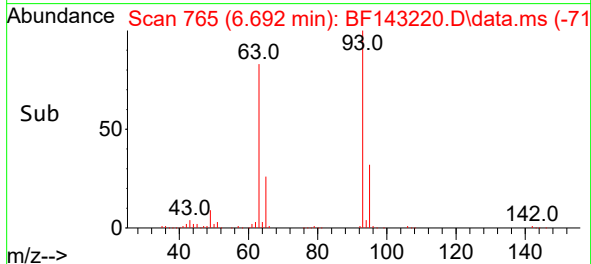
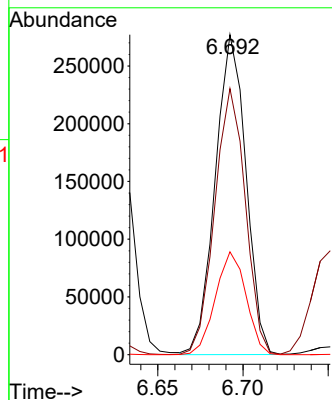
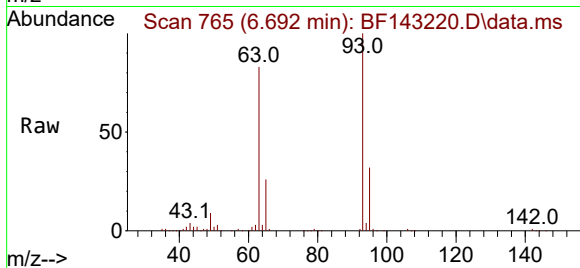
#11
bis(2-Chloroethyl)ether
Concen: 42.179 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 93 Resp: 346838
Ion Ratio Lower Upper
93 100
63 83.2 63.4 103.4
95 32.1 12.4 52.4

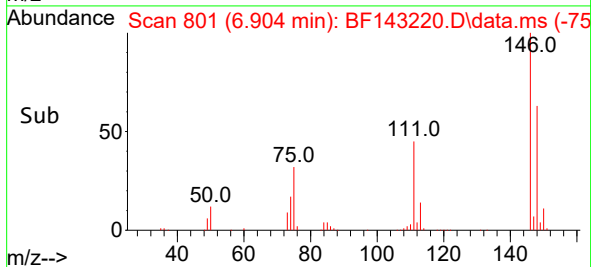
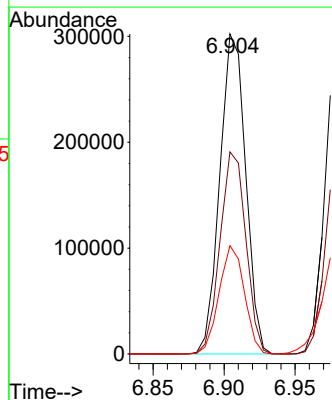
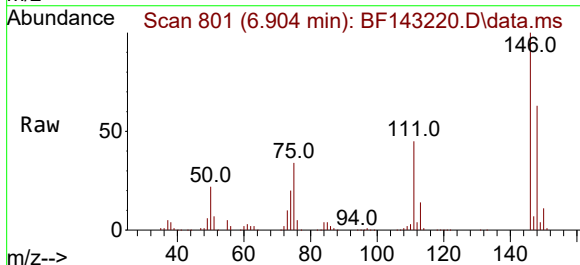
Manual Integrations
APPROVED

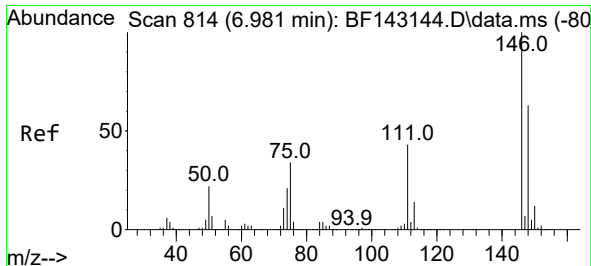
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#12
1,3-Dichlorobenzene
Concen: 42.883 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:146 Resp: 382448
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
75 33.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.257 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:146 Resp: 38850

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

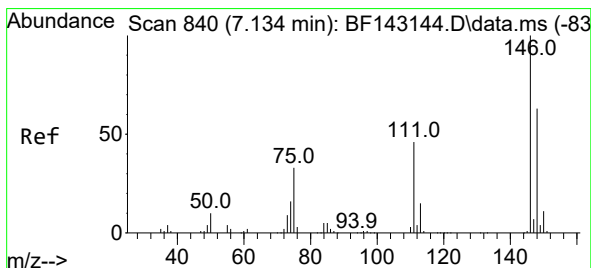
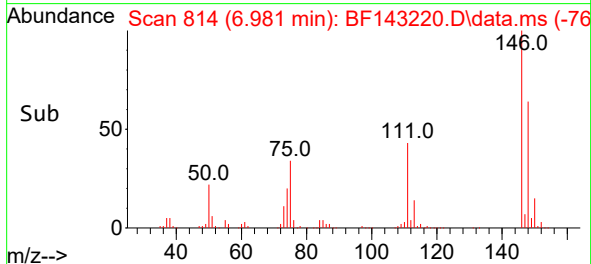
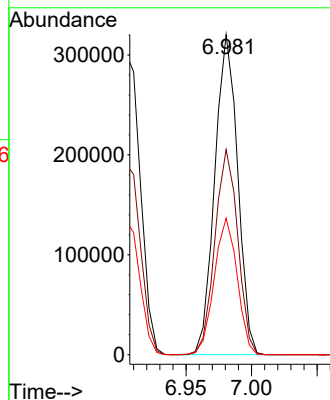
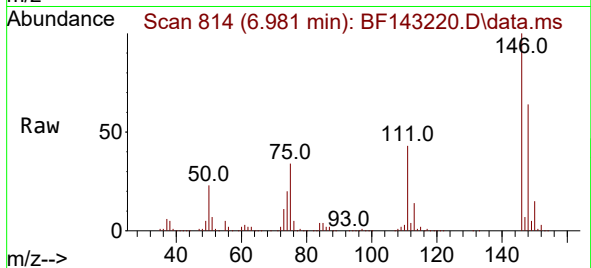
111 42.6 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#14

1,2-Dichlorobenzene

Concen: 43.686 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

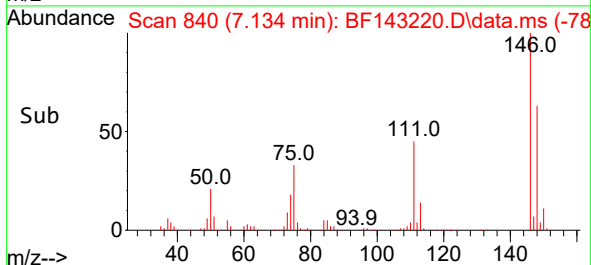
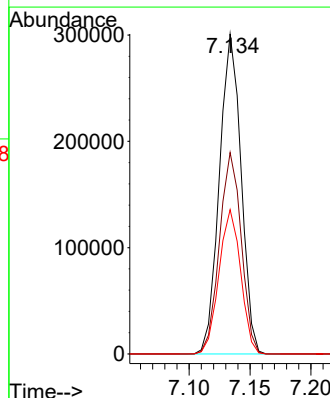
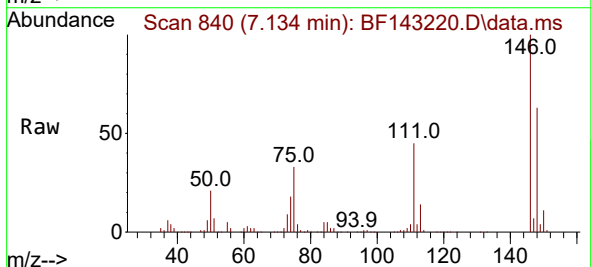
Tgt Ion:146 Resp: 373177

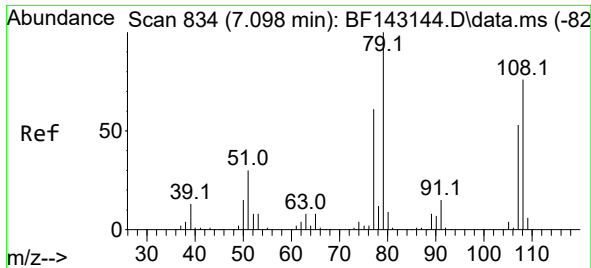
Ion Ratio Lower Upper

146 100

148 62.9 50.7 76.1

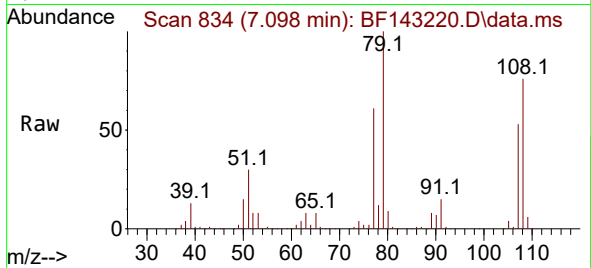
111 45.1 36.6 54.8





#15
Benzyl Alcohol
Concen: 45.057 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

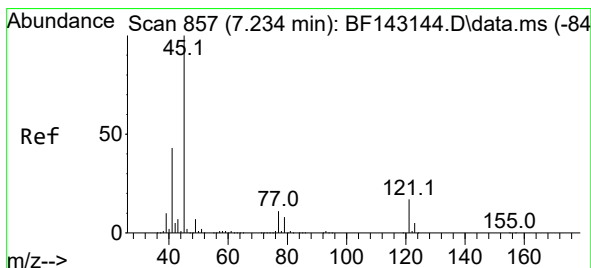
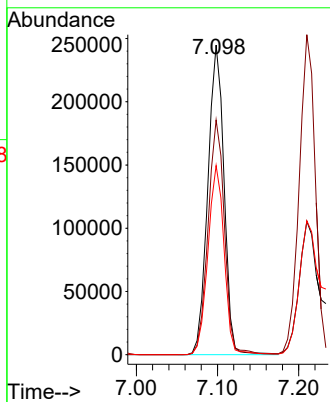
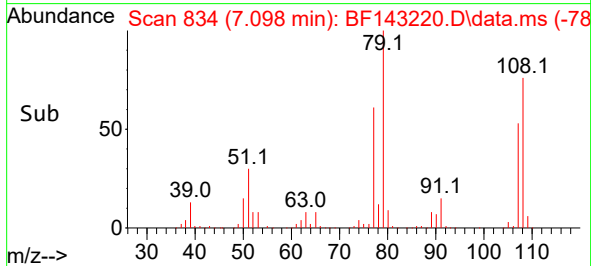
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion: 79 Resp: 339159
Ion Ratio Lower Upper
79 100
108 75.8 61.1 91.7
77 61.1 48.9 73.3

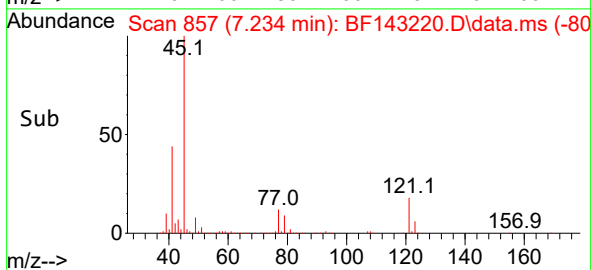
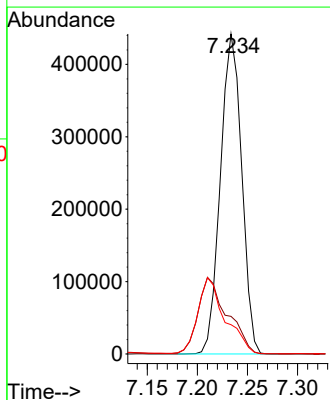
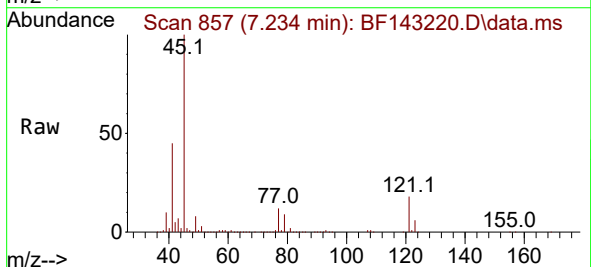
Manual Integrations
APPROVED

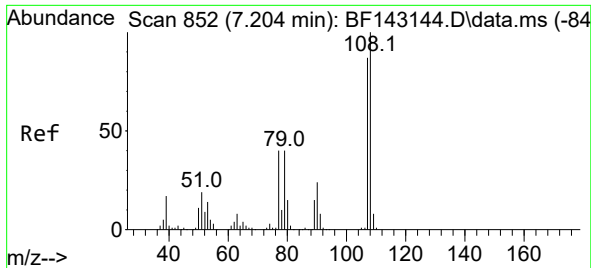
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.722 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

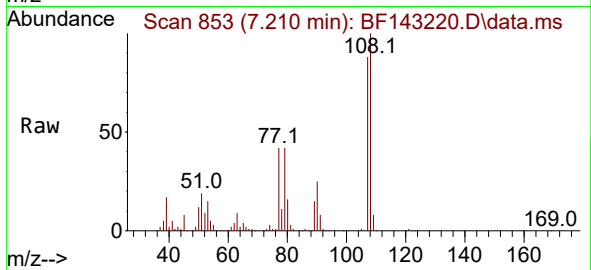
Tgt Ion: 45 Resp: 651683
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 9.1 0.0 28.5





#17
2-Methylphenol
Concen: 44.394 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

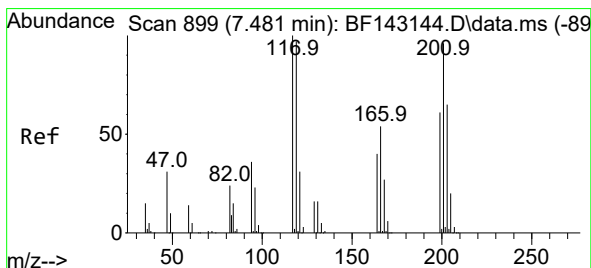
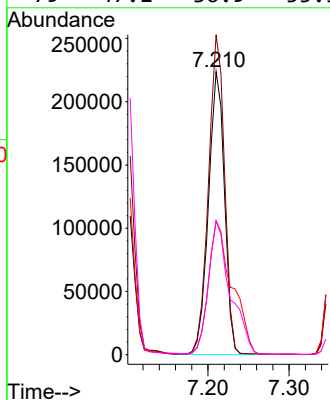
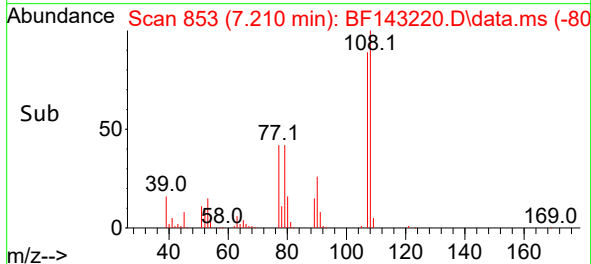
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:107 Resp: 306449
Ion Ratio Lower Upper
107 100
108 113.1 91.8 137.6
77 47.3 37.0 55.6
79 47.1 36.9 55.3

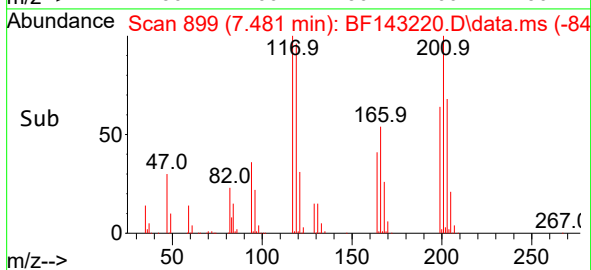
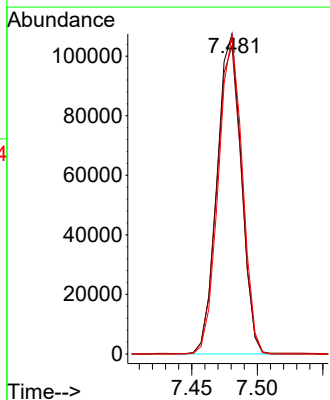
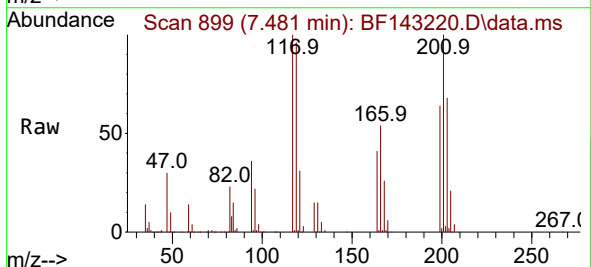
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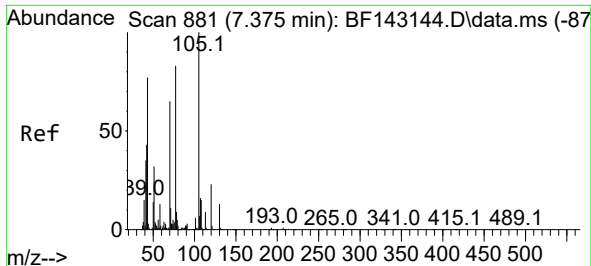
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#18
Hexachloroethane
Concen: 44.519 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

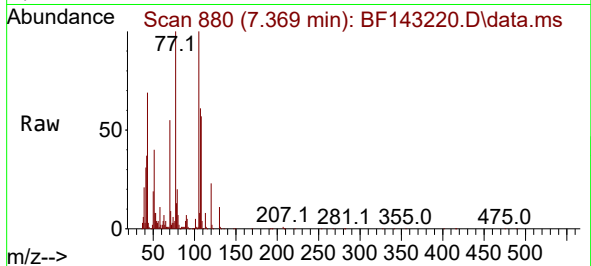
Tgt Ion:117 Resp: 138420
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8
201 99.6 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.301 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

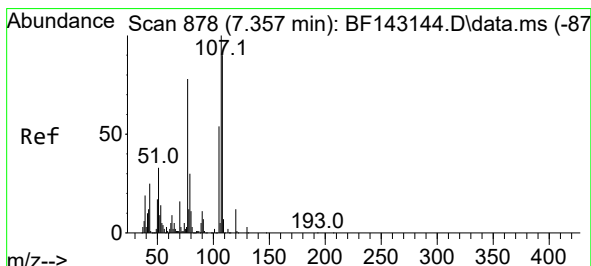
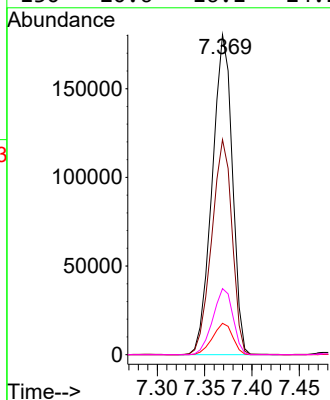
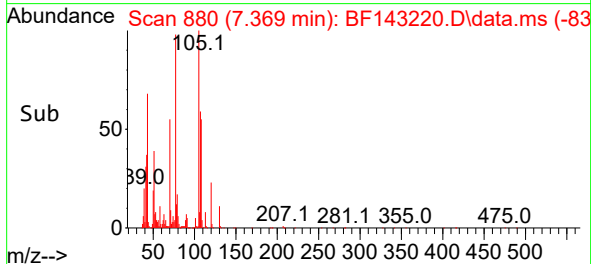
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion: 70 Resp: 26754
Ion Ratio Lower Upper
70 100
42 67.2 52.5 78.7
101 9.8 7.6 11.4
130 20.6 16.1 24.1

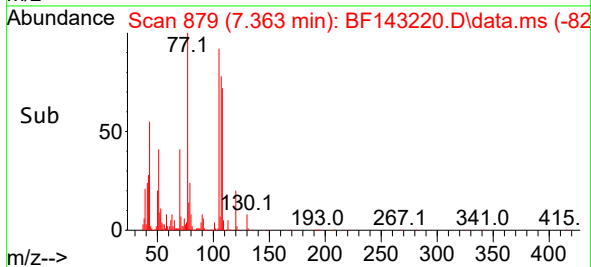
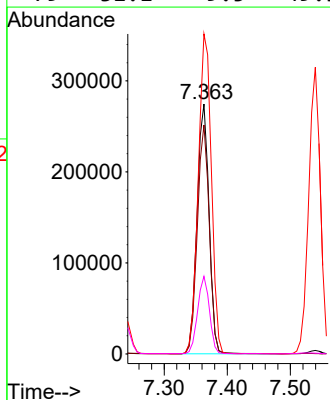
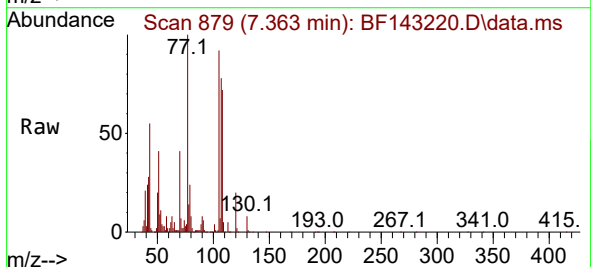
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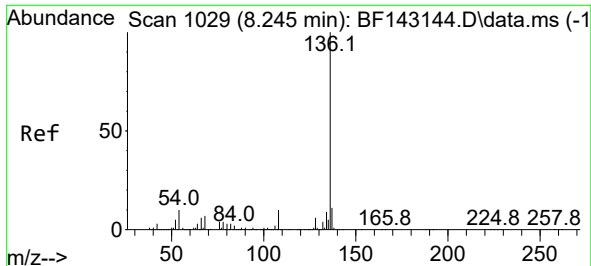
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#20
3+4-Methylphenols
Concen: 43.368 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

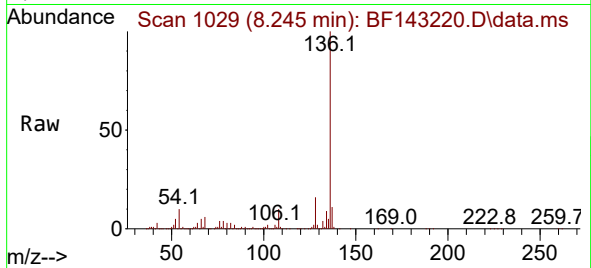
Tgt Ion:107 Resp: 363208
Ion Ratio Lower Upper
107 100
108 91.6 70.0 110.0
77 128.0 57.8 97.8#
79 31.1 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

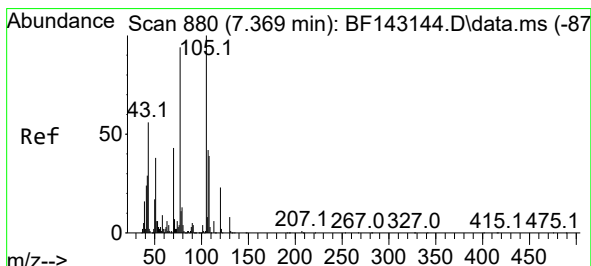
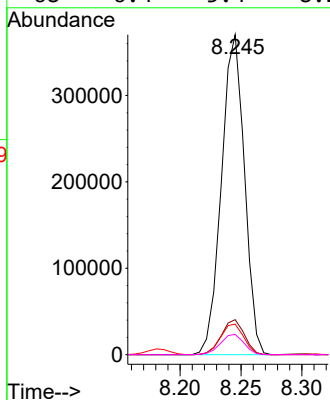
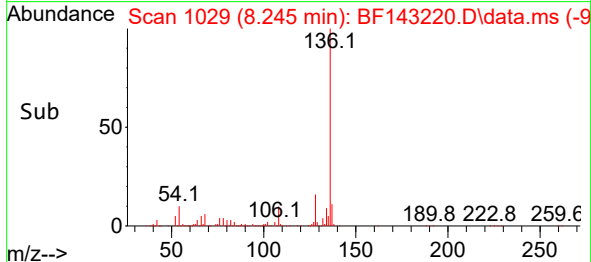
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:136 Resp: 487638
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 8.2 12.2
68 6.4 5.4 8.2

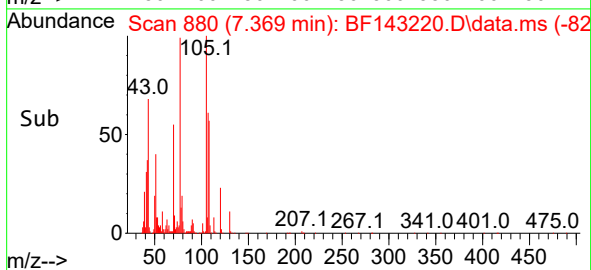
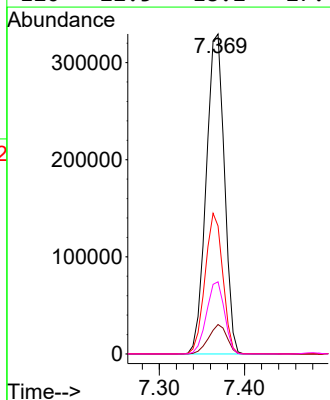
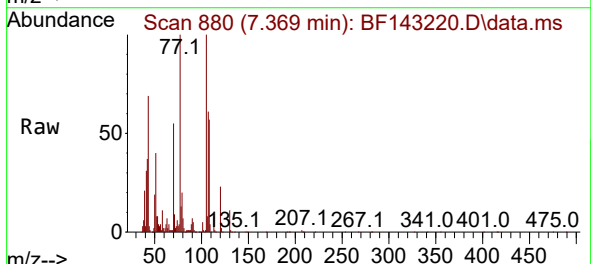
Manual Integrations
APPROVED

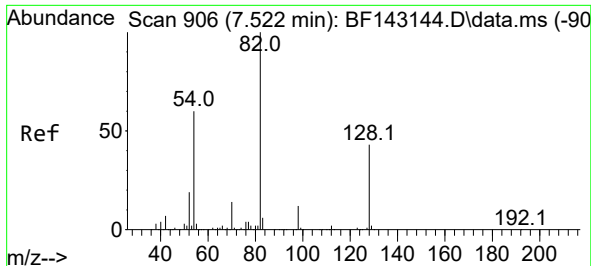
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#22
Acetophenone
Concen: 42.243 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:105 Resp: 487694
Ion Ratio Lower Upper
105 100
71 9.2 5.8 8.6#
51 40.0 30.2 45.2
120 22.5 18.2 27.4





#23

Nitrobenzene-d5

Concen: 63.556 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion: 82 Resp: 621749

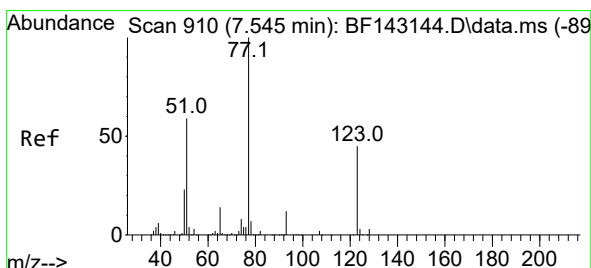
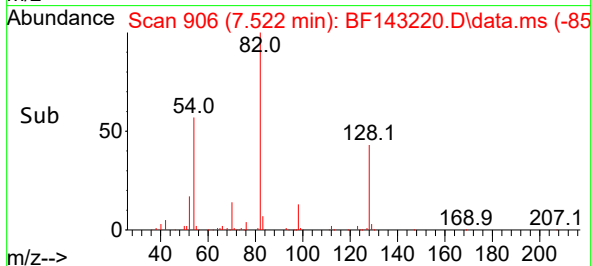
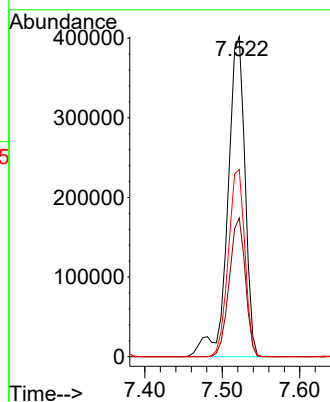
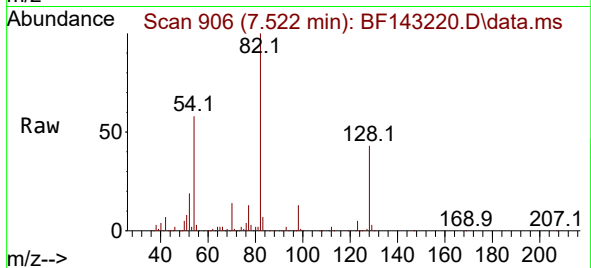
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.6	50.4
54	58.5	47.1	70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#24

Nitrobenzene

Concen: 44.216 ng

RT: 7.539 min Scan# 909

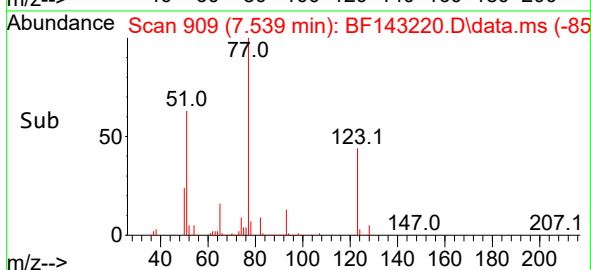
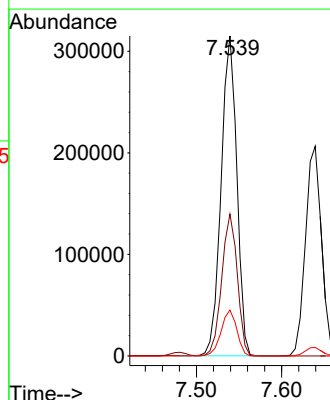
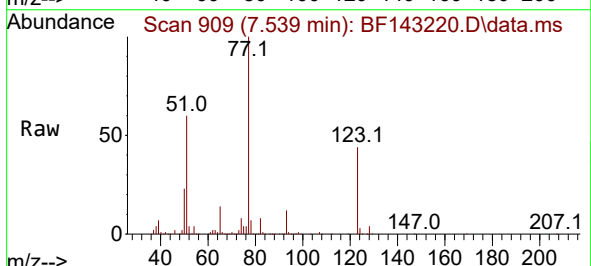
Delta R.T. -0.006 min

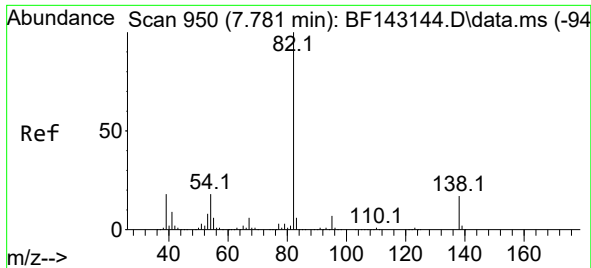
Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Tgt Ion: 77 Resp: 403268

Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.1	54.1
65	14.4	11.4	17.2





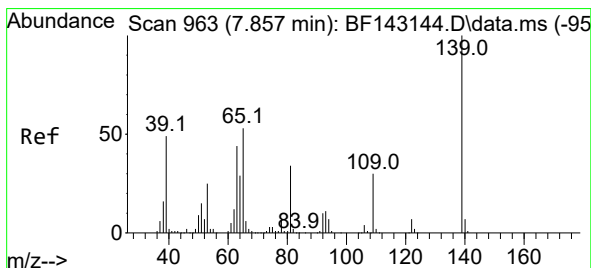
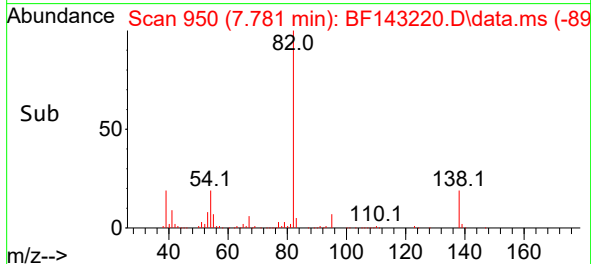
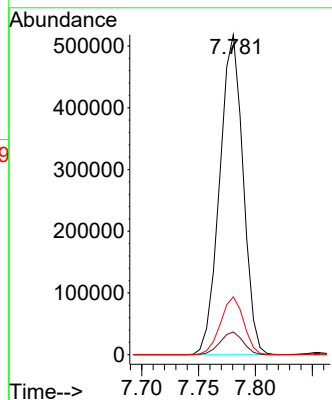
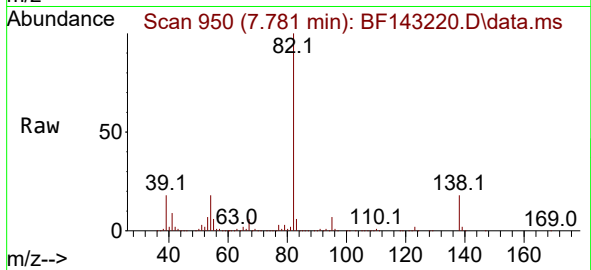
#25
Isophorone
Concen: 43.082 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 82 Resp: 744000
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.1 13.8 20.8

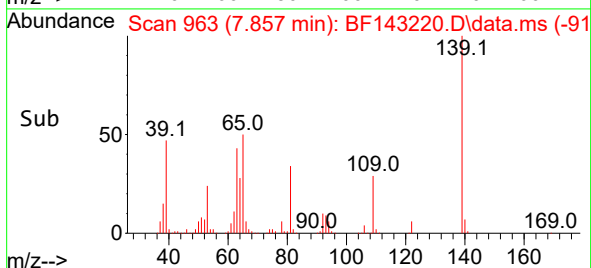
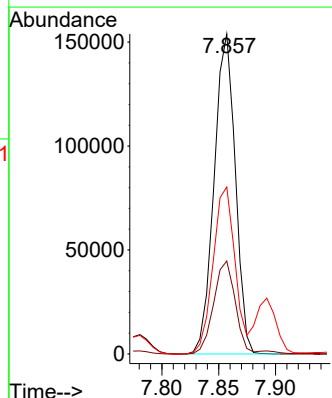
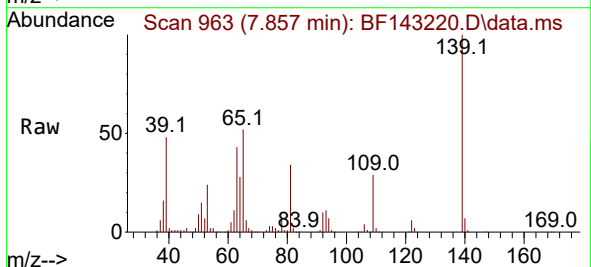
Manual Integrations
APPROVED

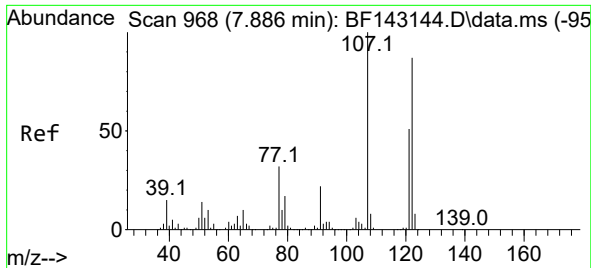
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#26
2-Nitrophenol
Concen: 50.461 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:139 Resp: 199741
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 52.2 42.6 64.0





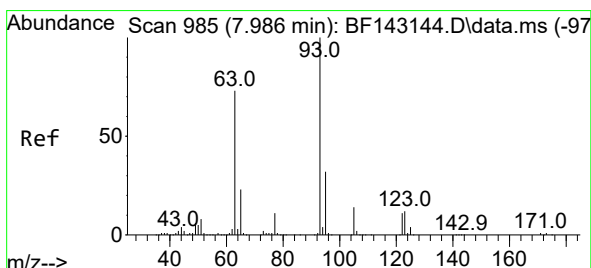
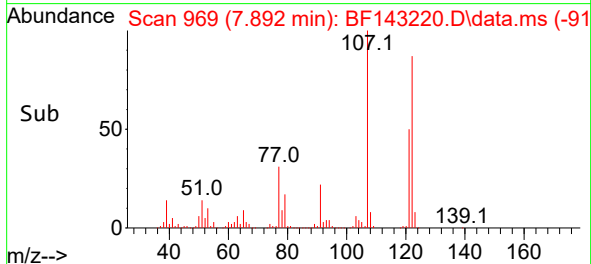
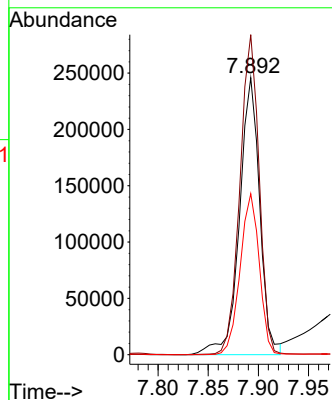
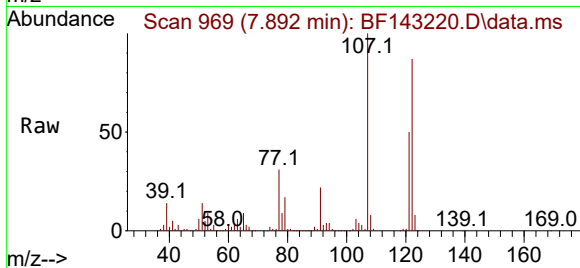
#27
2,4-Dimethylphenol
Concen: 42.889 ng
RT: 7.892 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:122 Resp: 34605
Ion Ratio Lower Upper
122 100
107 115.5 91.8 137.6
121 58.1 46.3 69.5

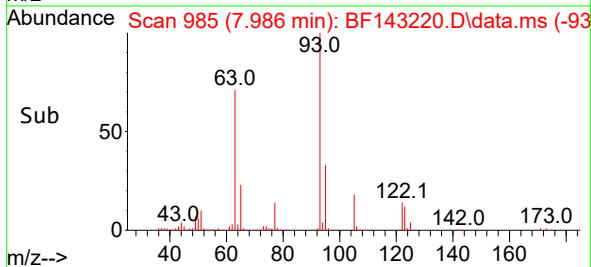
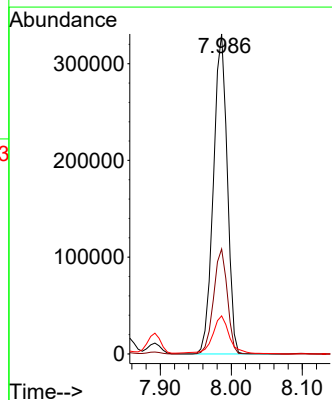
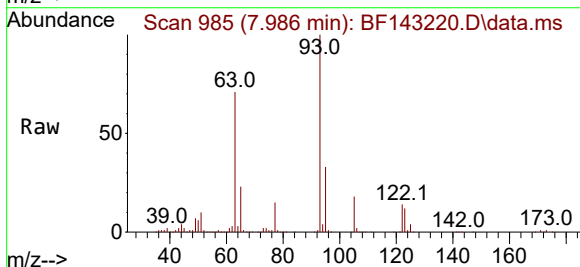
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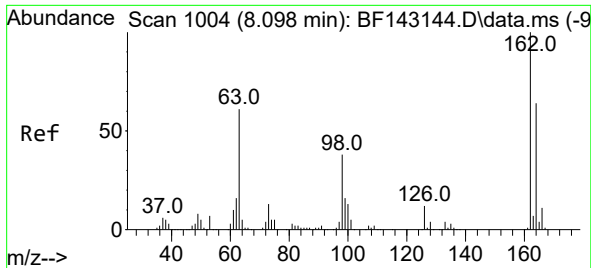
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.143 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion: 93 Resp: 446720
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 11.9 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.367 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

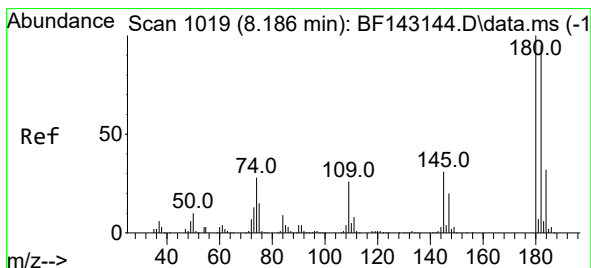
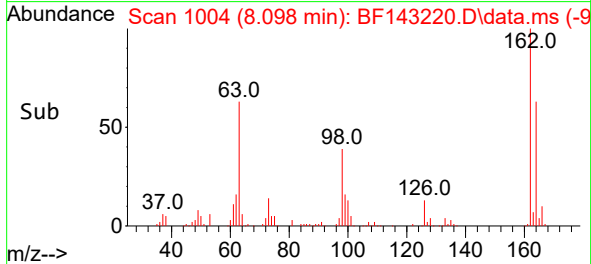
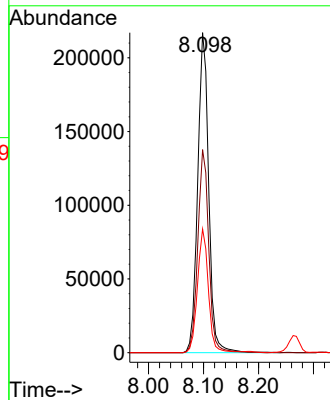
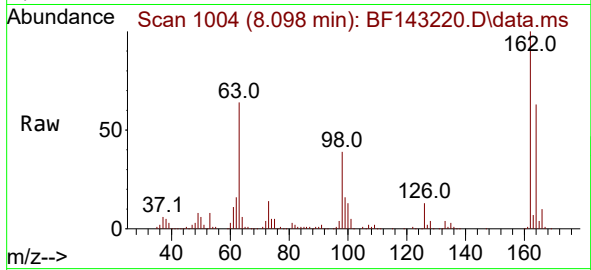
Tgt Ion:162 Resp: 301890
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.2 84.2
 98 38.7 17.9 57.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.808 ng

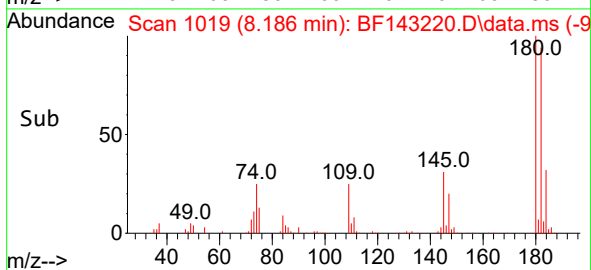
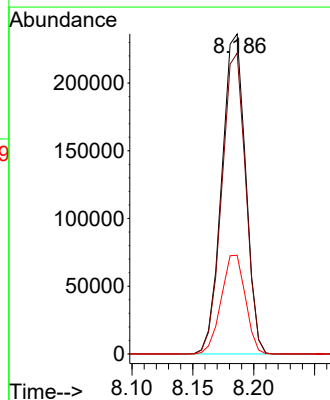
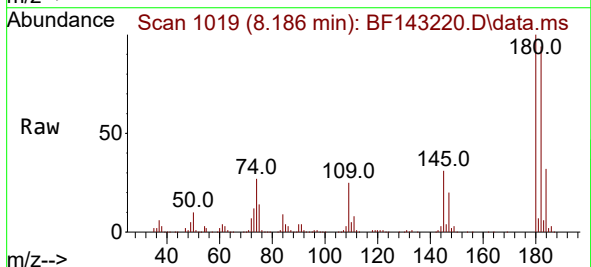
RT: 8.186 min Scan# 1019

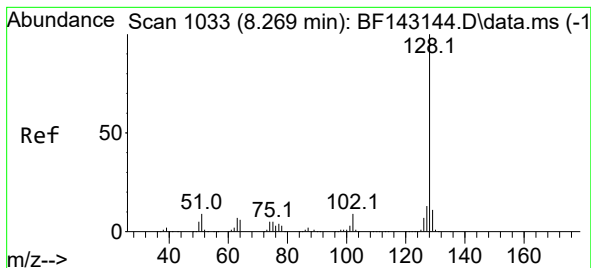
Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Tgt Ion:180 Resp: 322037
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.2 114.2
 145 30.9 25.0 37.6





#31

Naphthalene

Concen: 43.400 ng

RT: 8.269 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:128 Resp: 1042280

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

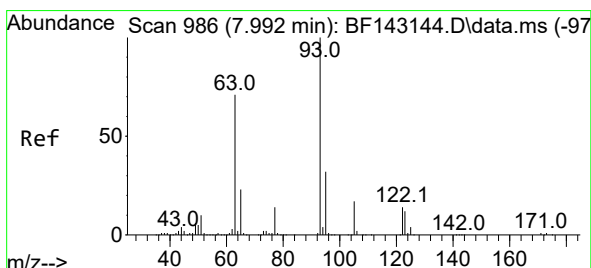
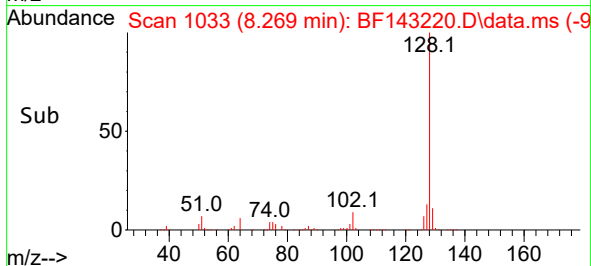
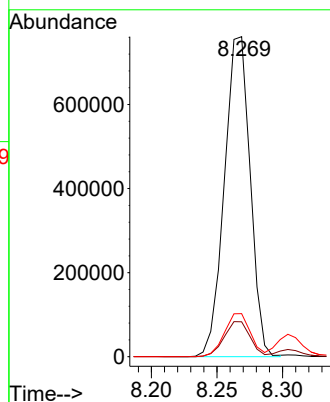
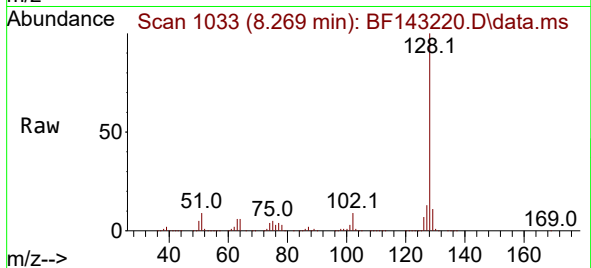
127 13.5 10.6 16.0

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#32

Benzoic acid

Concen: 50.871 ng

RT: 8.004 min Scan# 988

Delta R.T. 0.012 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

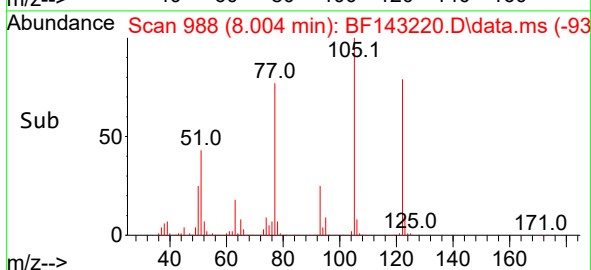
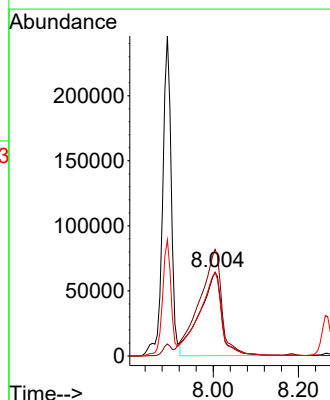
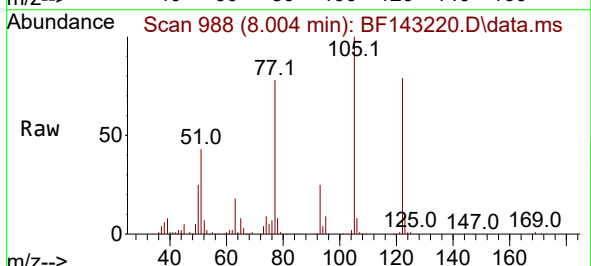
Tgt Ion:122 Resp: 232787

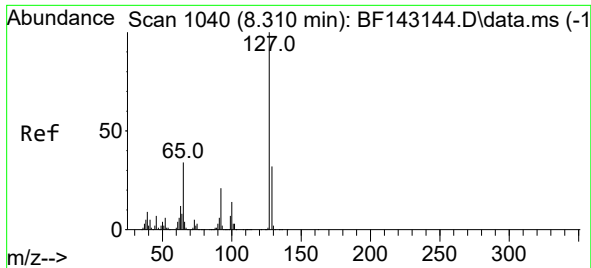
Ion Ratio Lower Upper

122 100

105 127.4 104.8 144.8

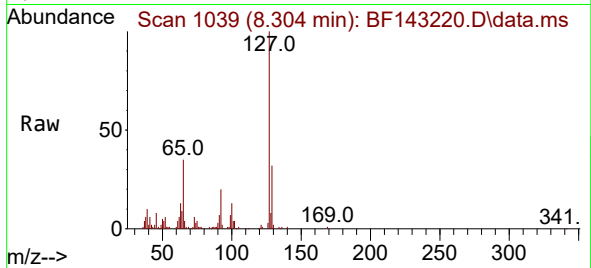
77 99.7 77.6 117.6





#33
4-Chloroaniline
Concen: 7.796 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

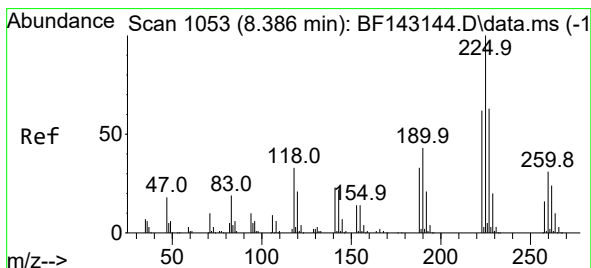
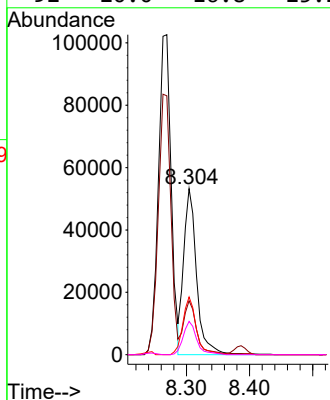
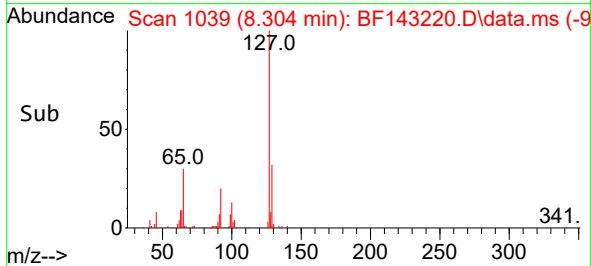
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:127 Resp: 76450
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 34.8 27.4 41.2
92 20.0 16.8 25.2

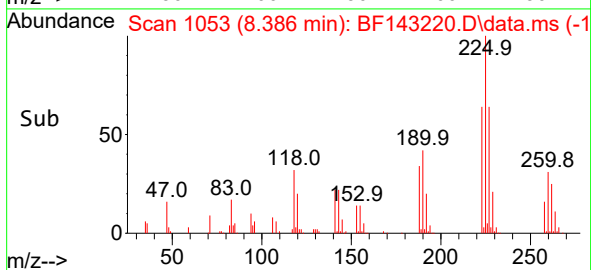
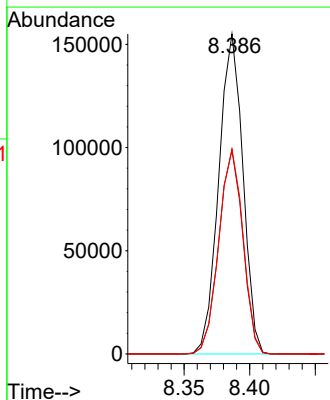
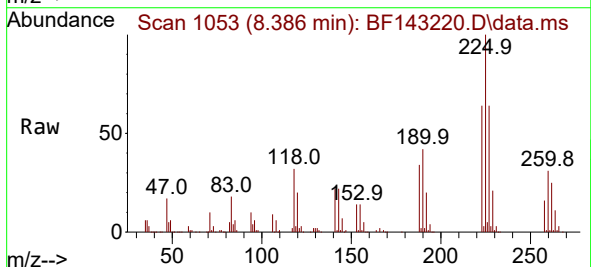
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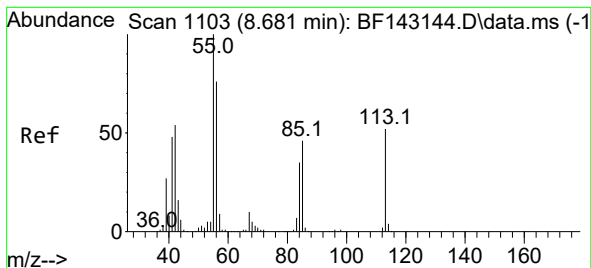
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#34
Hexachlorobutadiene
Concen: 44.130 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Tgt Ion:225 Resp: 198172
Ion Ratio Lower Upper
225 100
223 63.6 49.8 74.6
227 64.1 50.2 75.4





#35

Caprolactam

Concen: 50.301 ng m

RT: 8.675 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

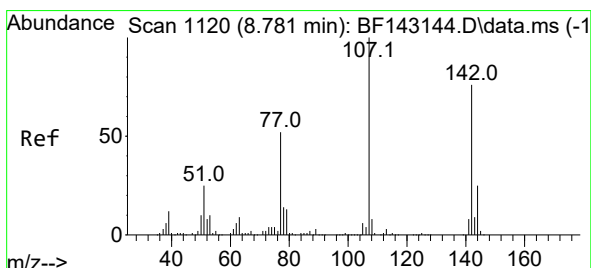
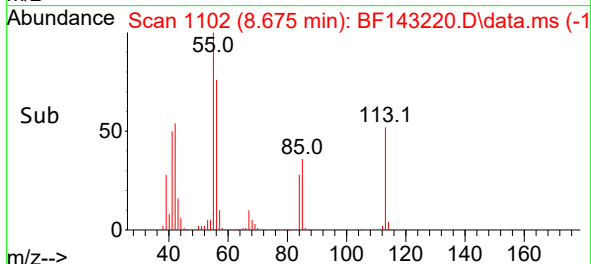
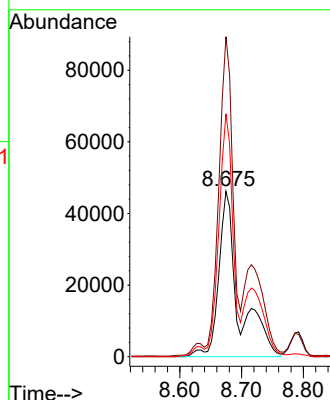
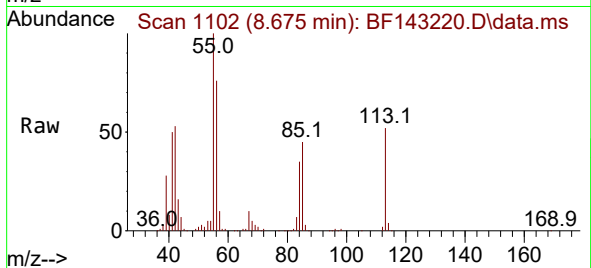
Tgt Ion:113 Resp: 103421
 Ion Ratio Lower Upper
 113 100
 55 193.6 174.0 214.0
 56 146.9 126.6 166.6

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#36

4-Chloro-3-methylphenol

Concen: 44.675 ng

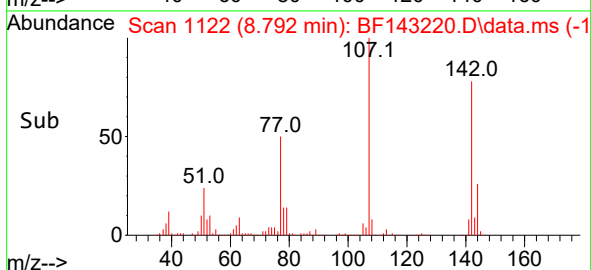
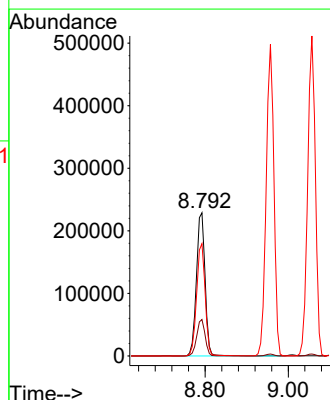
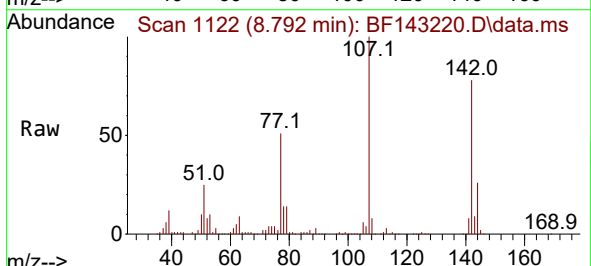
RT: 8.792 min Scan# 1122

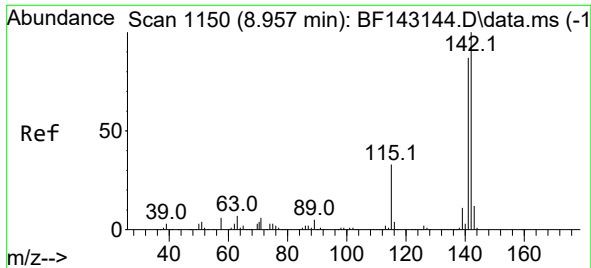
Delta R.T. 0.012 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

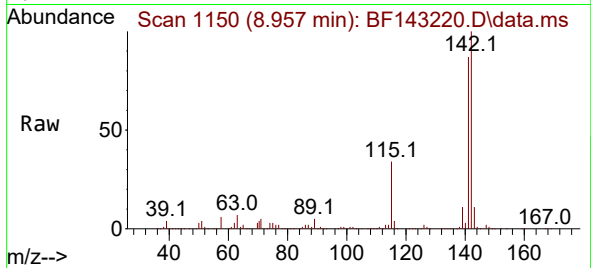
Tgt Ion:107 Resp: 330408
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.6
 142 78.4 60.6 90.8





#37
2-Methylnaphthalene
Concen: 44.085 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

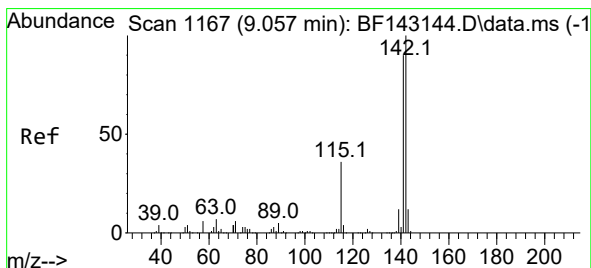
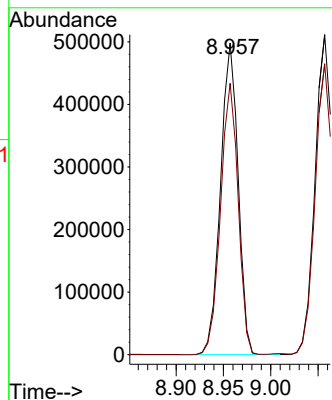
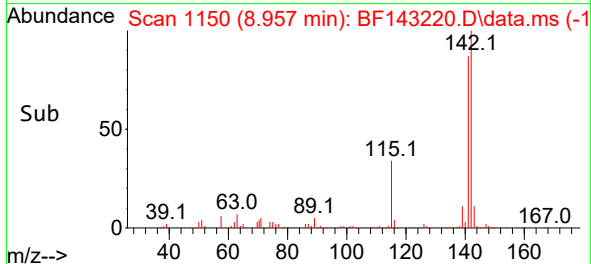
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



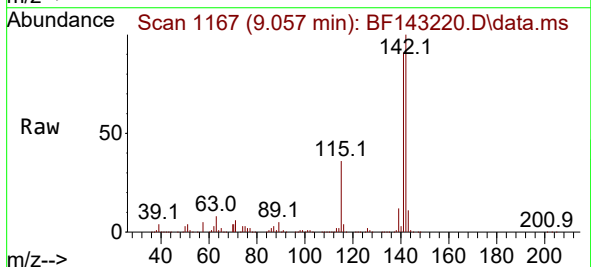
Tgt Ion:142 Resp: 644249
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9

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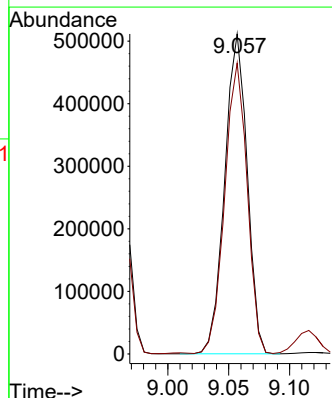
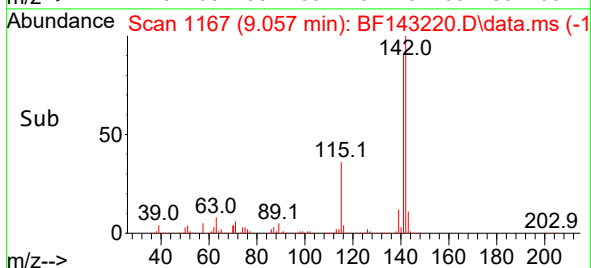
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

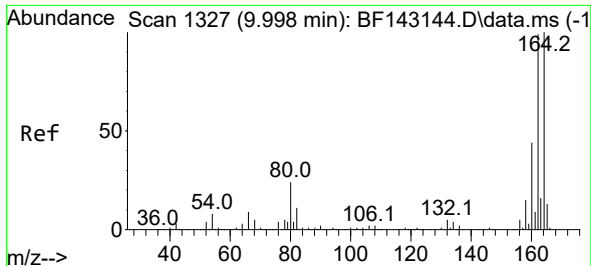


#38
1-Methylnaphthalene
Concen: 43.688 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



Tgt Ion:142 Resp: 657451
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143220.D

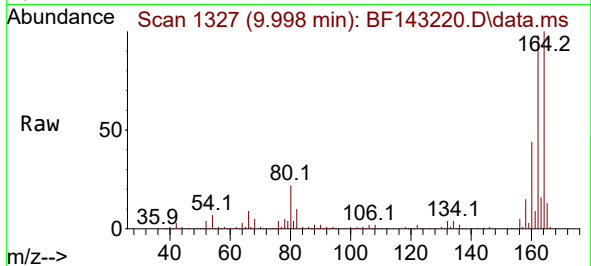
Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD



Tgt Ion:164 Resp: 25954

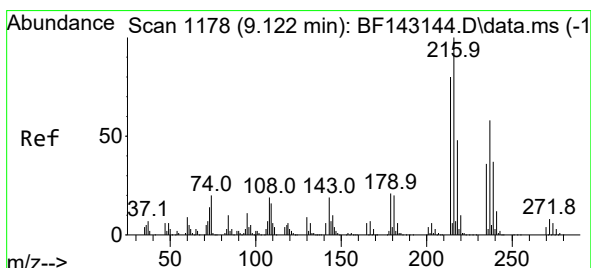
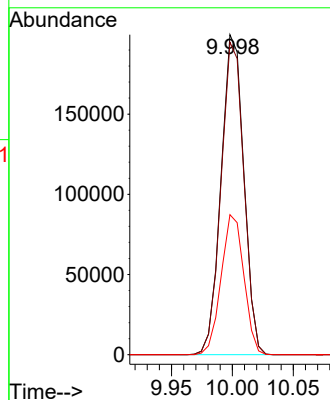
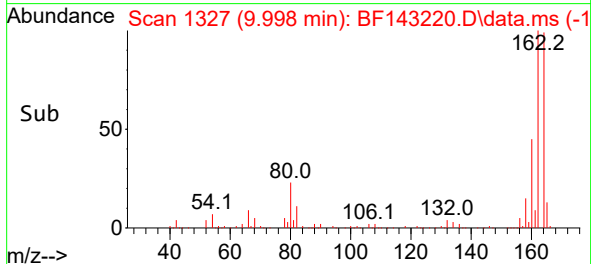
Ion	Ratio	Lower	Upper
164	100		
162	97.7	79.0	118.6
160	43.8	35.1	52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.919 ng

RT: 9.128 min Scan# 1179

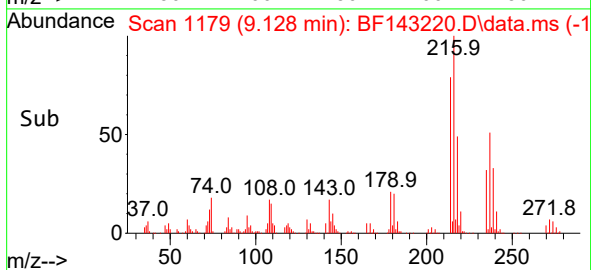
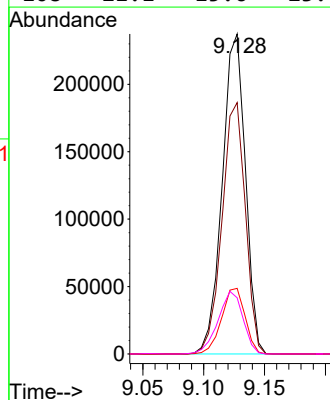
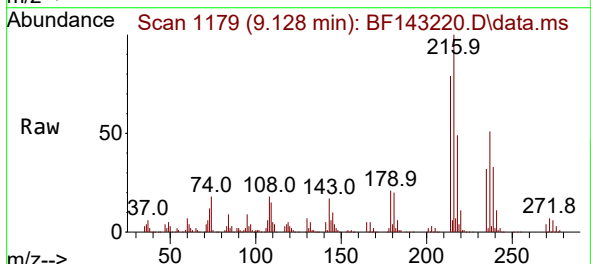
Delta R.T. 0.006 min

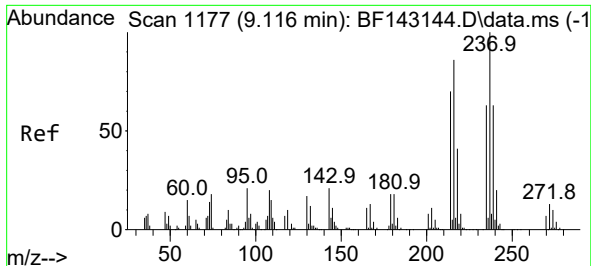
Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Tgt Ion:216 Resp: 314114

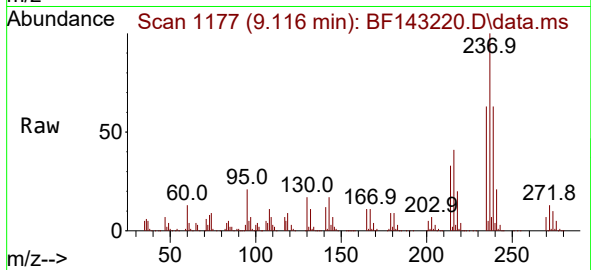
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	20.9	16.4	24.6
108	21.1	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 86.742 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

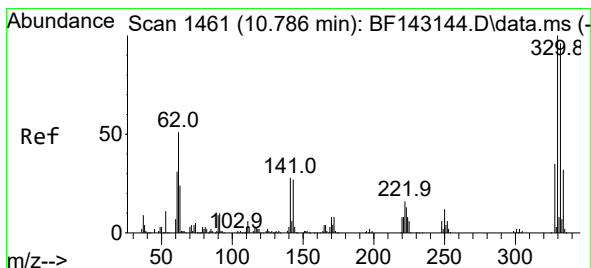
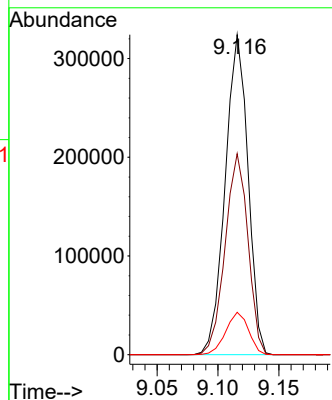
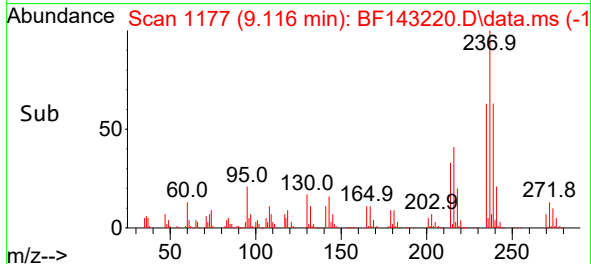
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



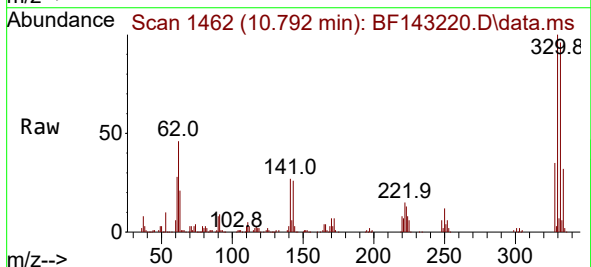
Tgt Ion:237 Resp: 422934
Ion Ratio Lower Upper
237 100
235 62.8 43.0 83.0
272 13.2 0.0 33.3

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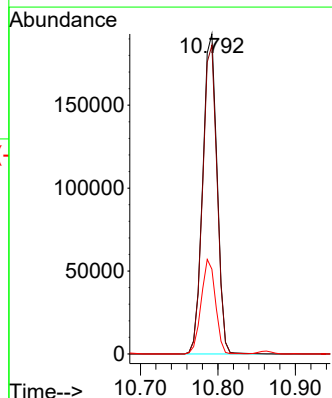
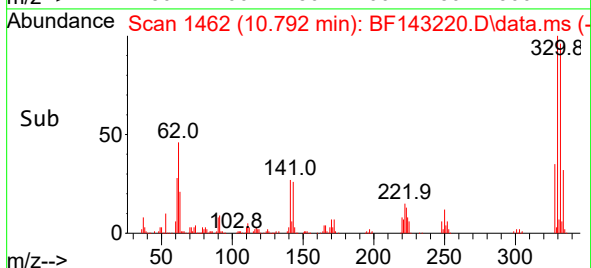
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

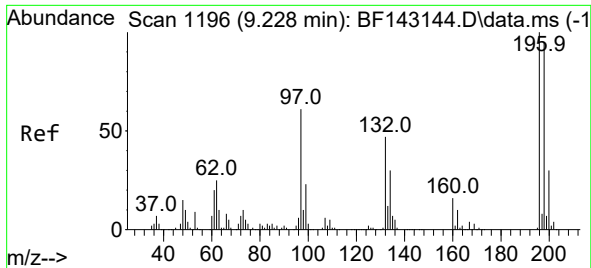


#42
2,4,6-Tribromophenol
Concen: 92.370 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



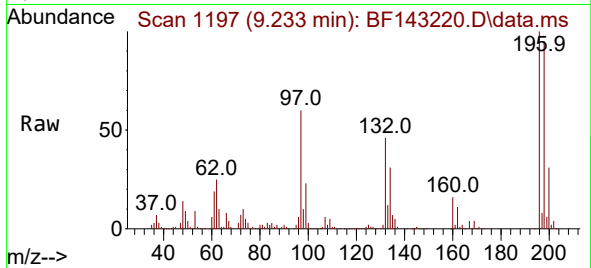
Tgt Ion:330 Resp: 247670
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 29.4 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 42.355 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

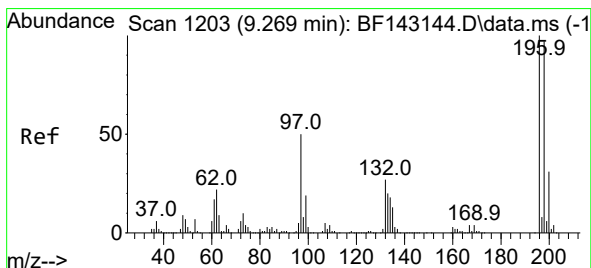
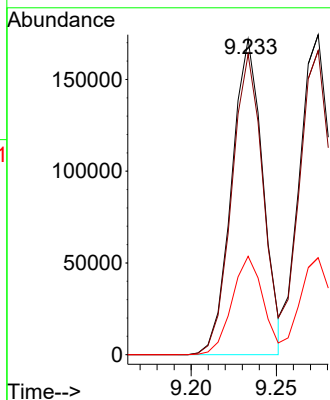
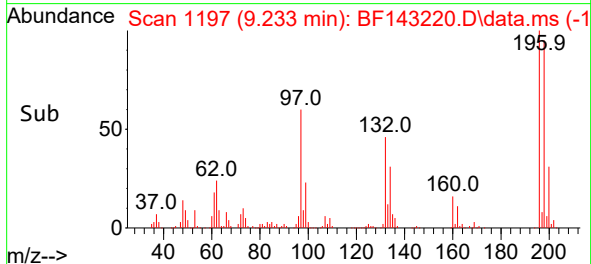
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



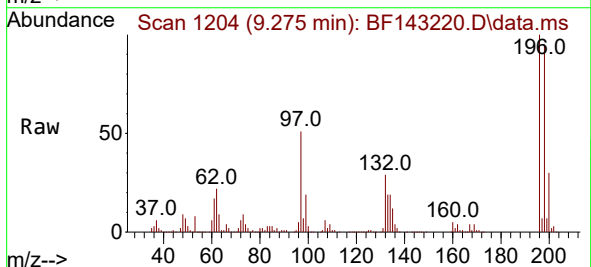
Tgt Ion:196 Resp: 219650
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
200 31.2 23.9 35.9

Manual Integrations
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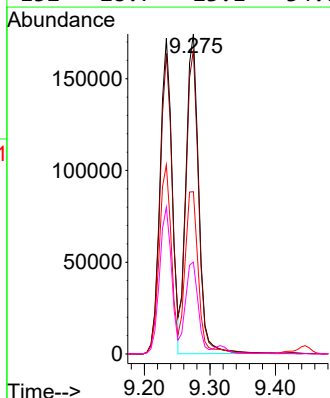
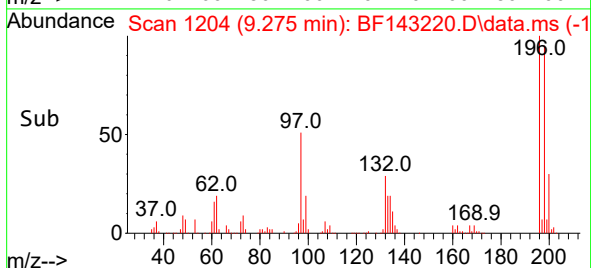
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

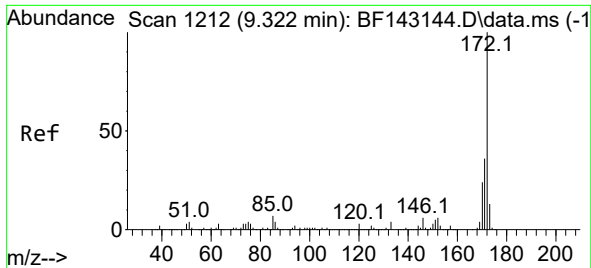


#44
2,4,5-Trichlorophenol
Concen: 45.156 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



Tgt Ion:196 Resp: 234252
Ion Ratio Lower Upper
196 100
198 95.0 77.3 115.9
97 50.7 40.3 60.5
132 28.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 53.987 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:172 Resp: 102456

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

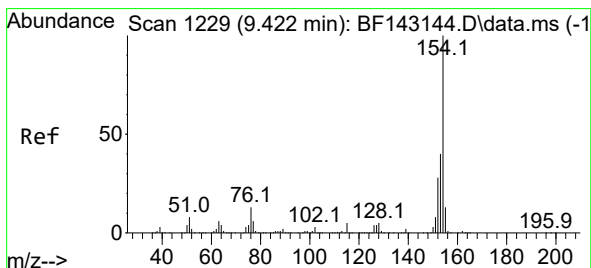
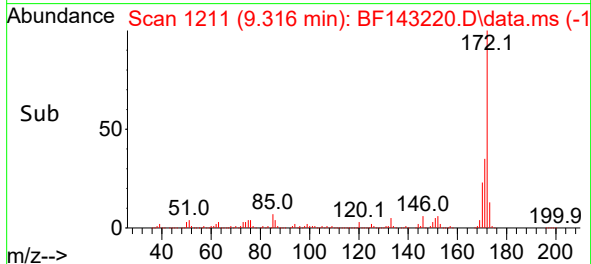
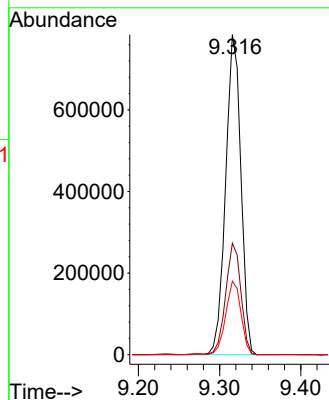
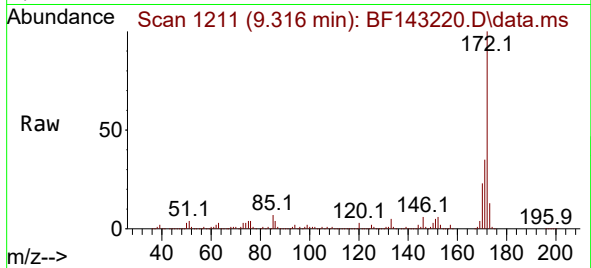
170 23.0 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#46

1,1'-Biphenyl

Concen: 42.829 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

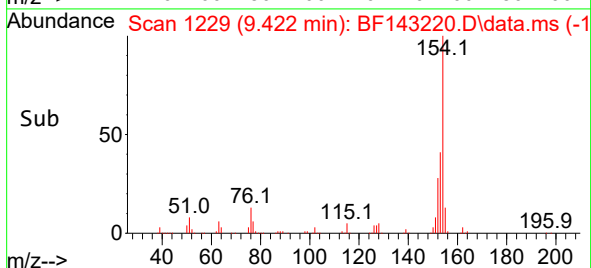
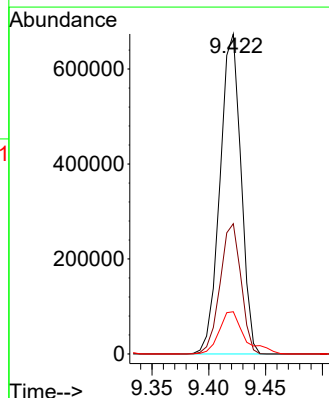
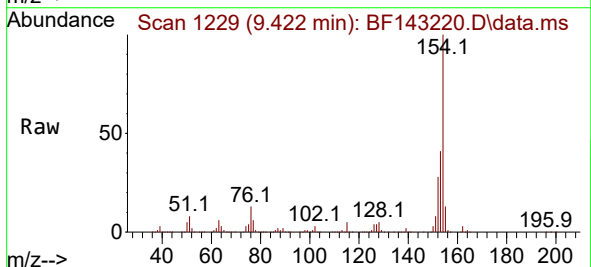
Tgt Ion:154 Resp: 867290

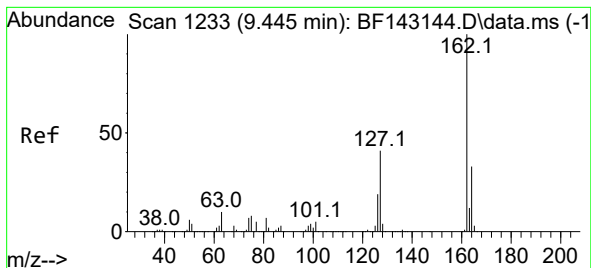
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 13.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.212 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:162 Resp: 63247

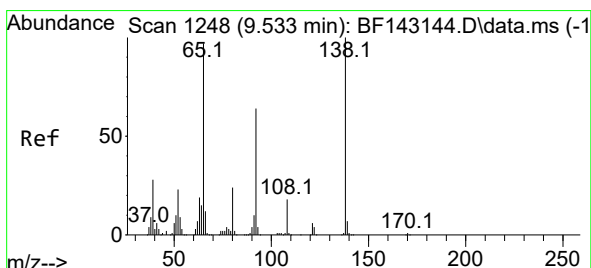
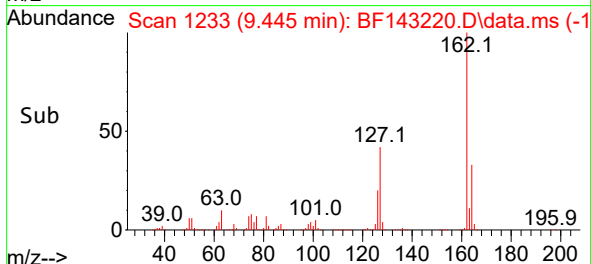
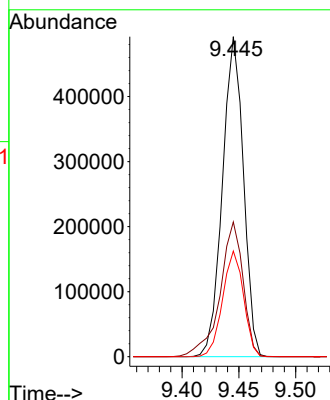
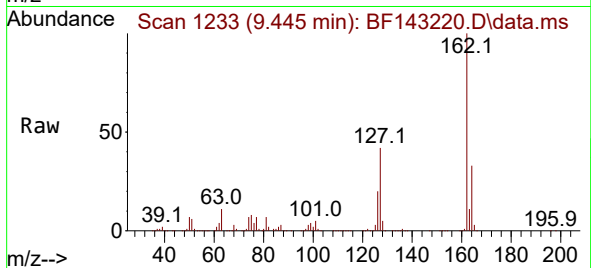
Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.4	50.2
164	33.0	26.2	39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#48

2-Nitroaniline

Concen: 46.959 ng

RT: 9.533 min Scan# 1248

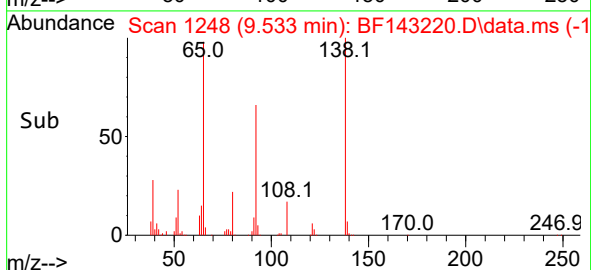
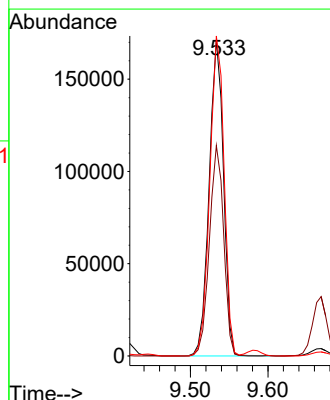
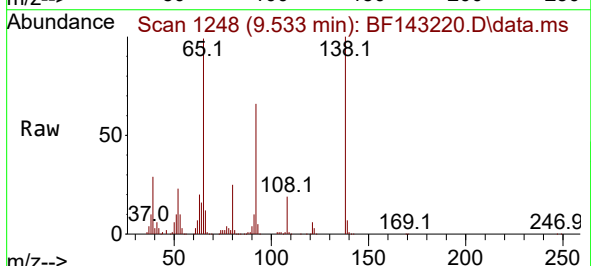
Delta R.T. -0.000 min

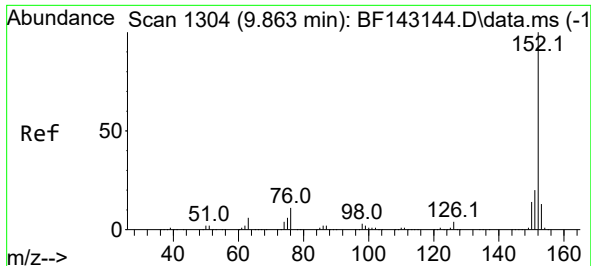
Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Tgt Ion: 65 Resp: 220648

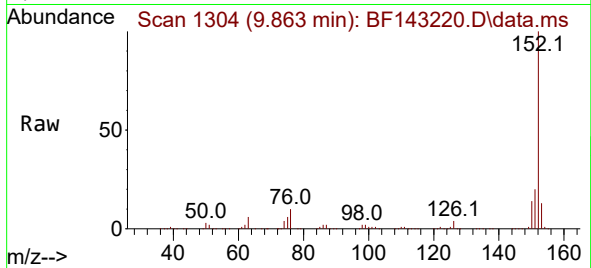
Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.4	78.6
138	101.3	82.3	123.5





#49
Acenaphthylene
Concen: 42.983 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

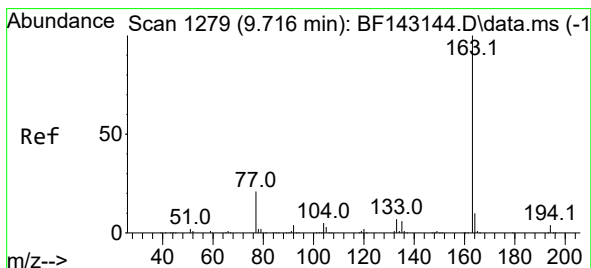
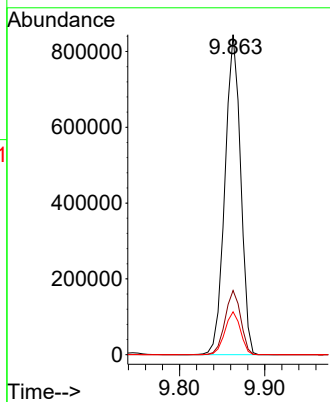
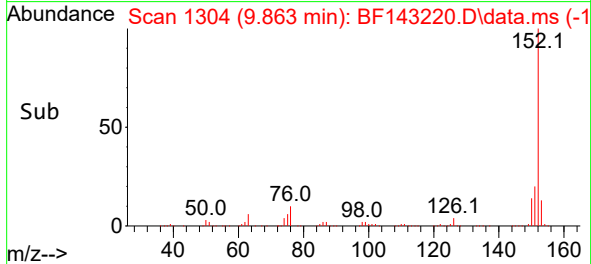
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



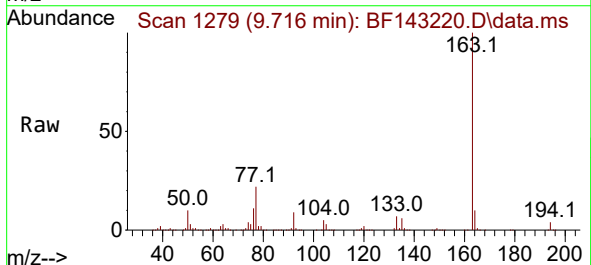
Tgt Ion:152 Resp: 107929
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.4 10.6 16.0

Manual Integrations
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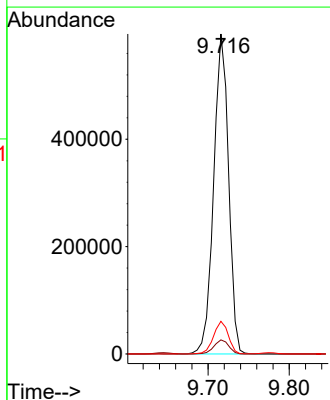
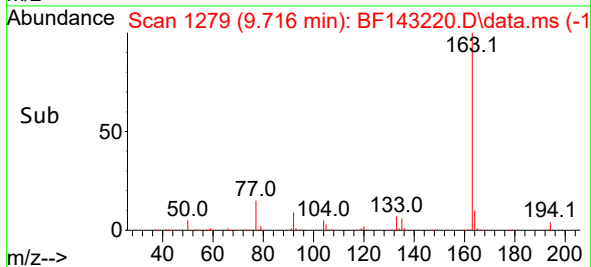
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

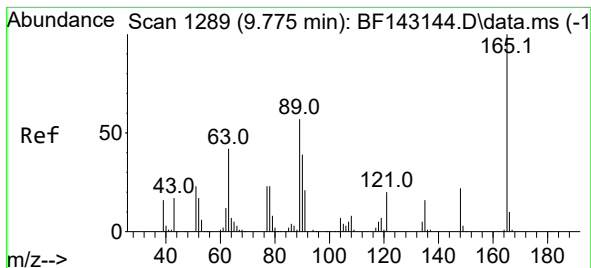


#50
Dimethylphthalate
Concen: 44.958 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



Tgt Ion:163 Resp: 760601
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.3 12.5





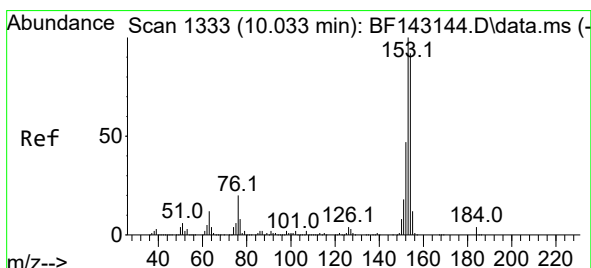
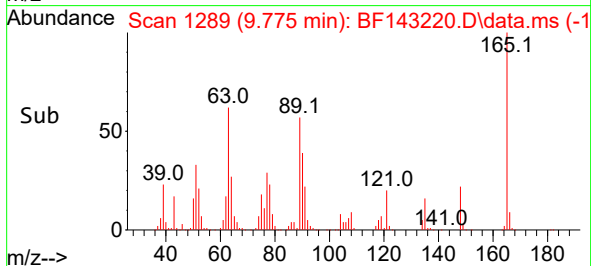
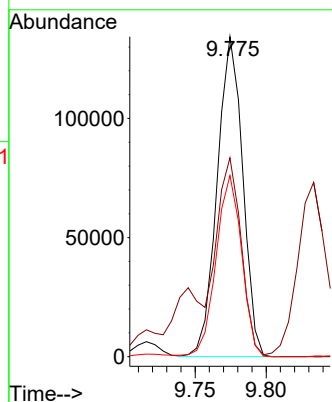
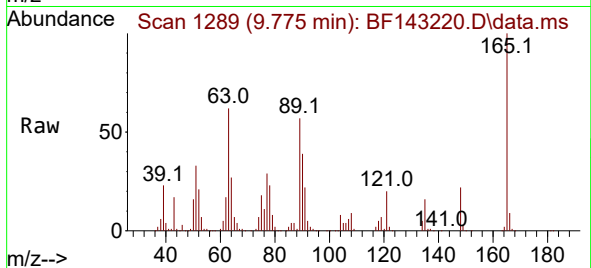
#51
2,6-Dinitrotoluene
Concen: 48.793 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:165 Resp: 167929
Ion Ratio Lower Upper
165 100
63 62.2 49.4 74.2
89 56.6 46.2 69.2

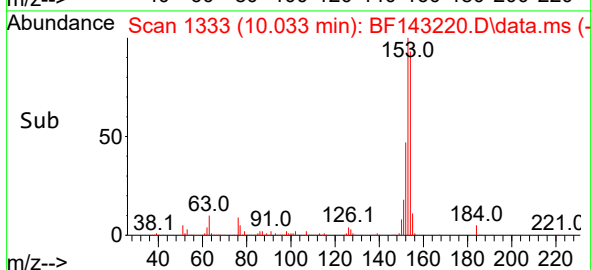
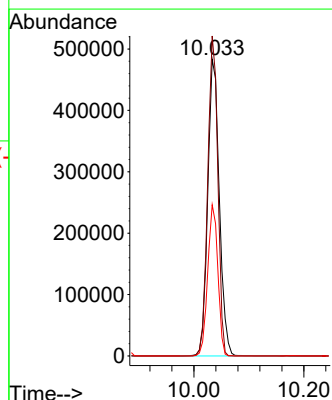
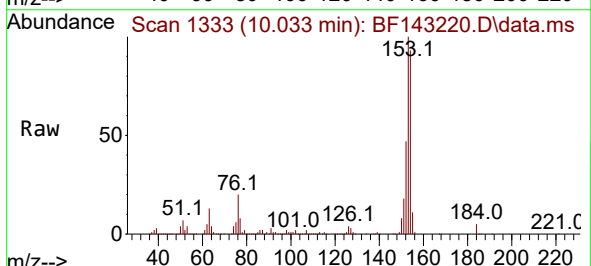
Manual Integrations
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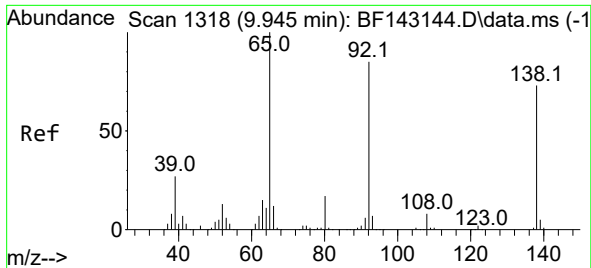
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#52
Acenaphthene
Concen: 47.495 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

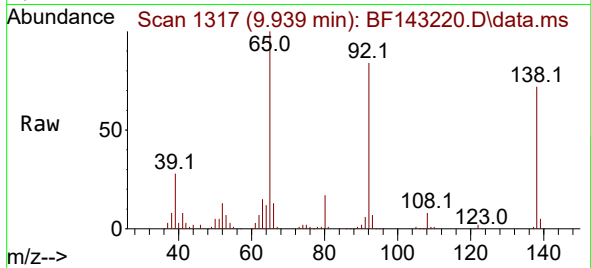
Tgt Ion:154 Resp: 704873
Ion Ratio Lower Upper
154 100
153 107.9 86.6 129.8
152 51.0 40.4 60.6





#53
3-Nitroaniline
Concen: 22.394 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

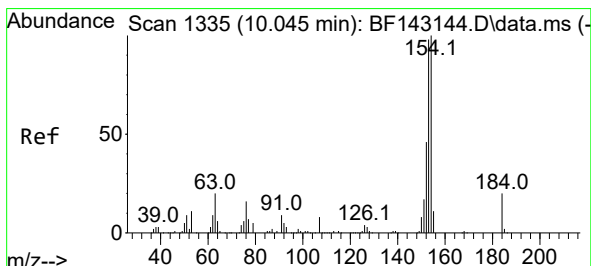
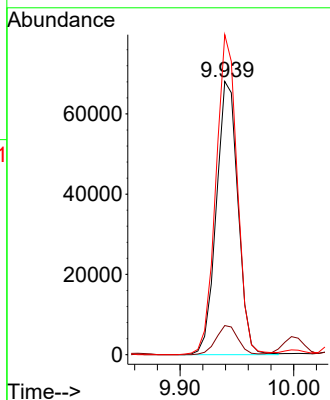
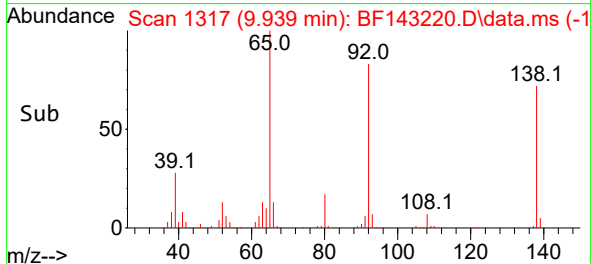
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



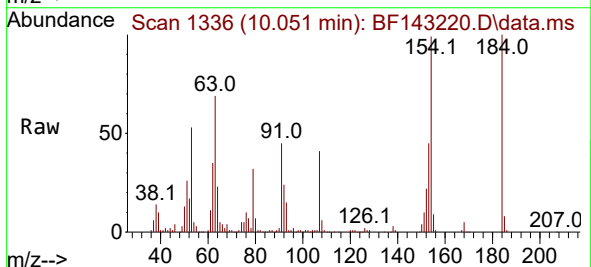
Tgt Ion:138 Resp: 90150
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.6
92 117.1 93.0 139.4

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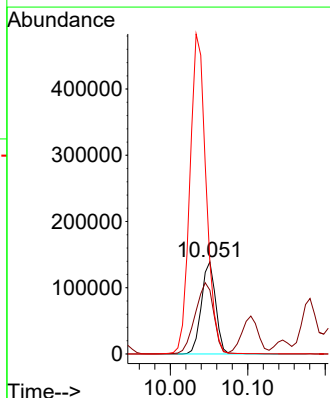
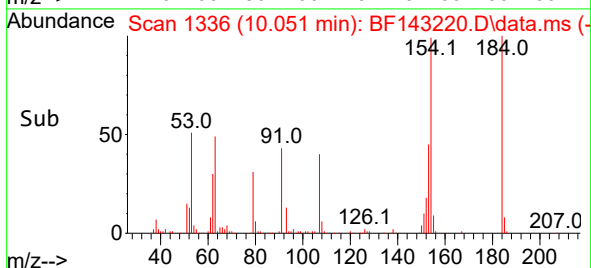
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

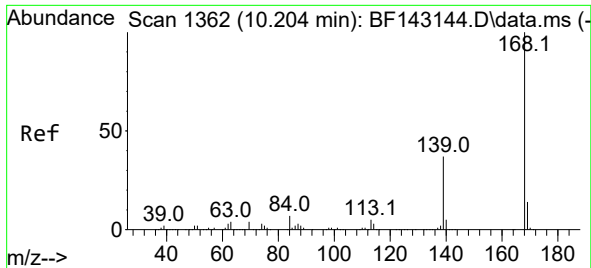


#54
2,4-Dinitrophenol
Concen: 111.650 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



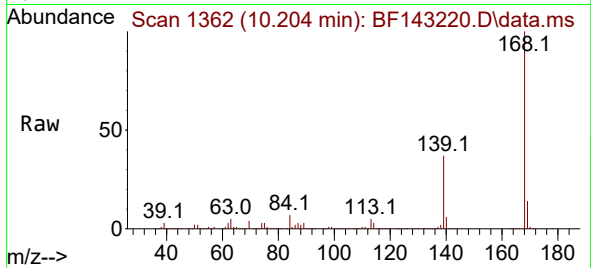
Tgt Ion:184 Resp: 178640
Ion Ratio Lower Upper
184 100
63 69.3 81.8 122.6#
154 99.5 412.2 618.4#





#55
Dibenzenofuran
Concen: 42.539 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

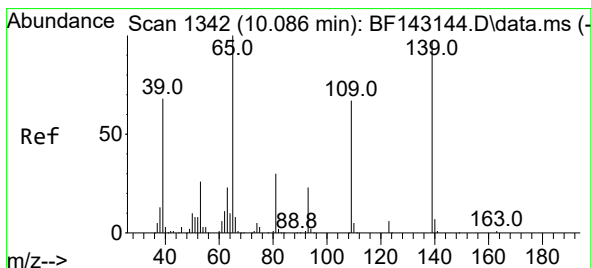
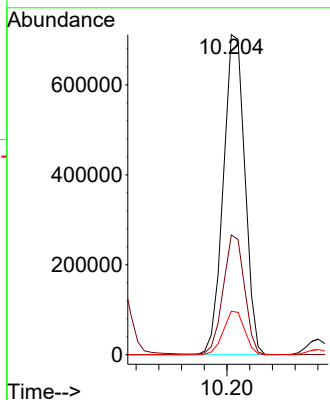
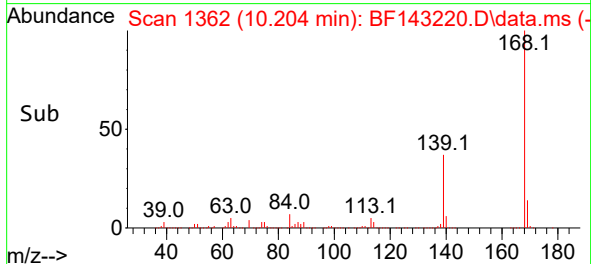
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



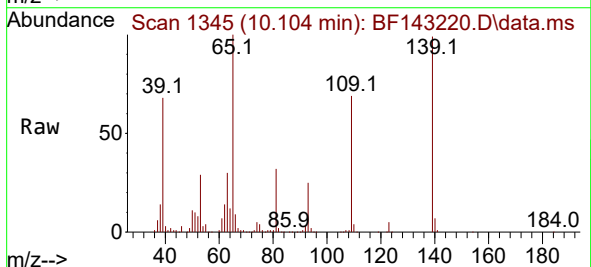
Tgt Ion:168 Resp: 93731
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3
169 13.6 10.9 16.3

Manual Integrations
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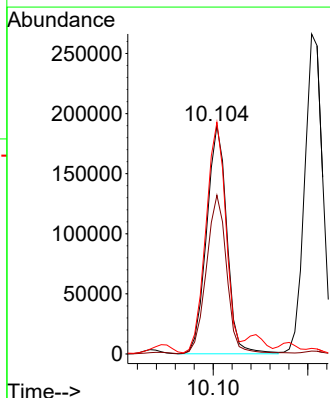
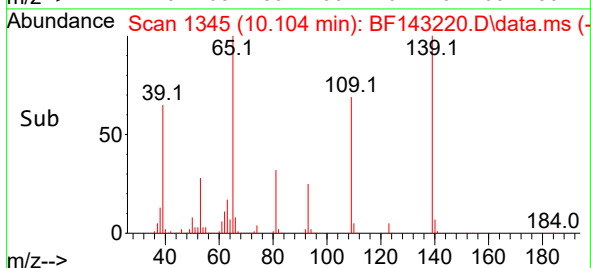
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

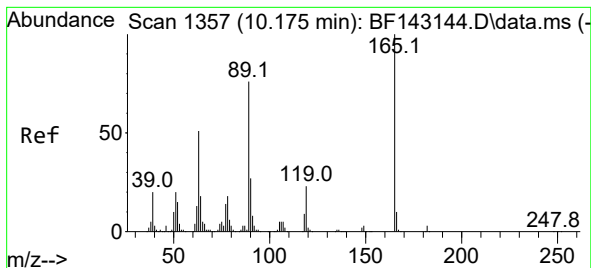


#56
4-Nitrophenol
Concen: 93.589 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



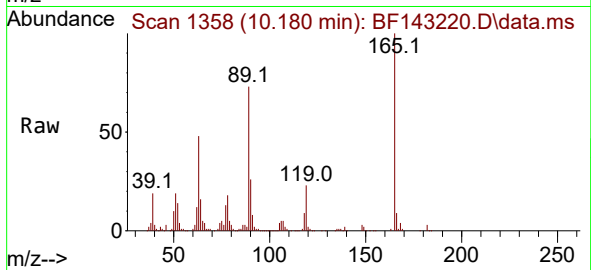
Tgt Ion:139 Resp: 281333
Ion Ratio Lower Upper
139 100
109 69.4 48.5 88.5
65 101.3 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 51.912 ng
RT: 10.180 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

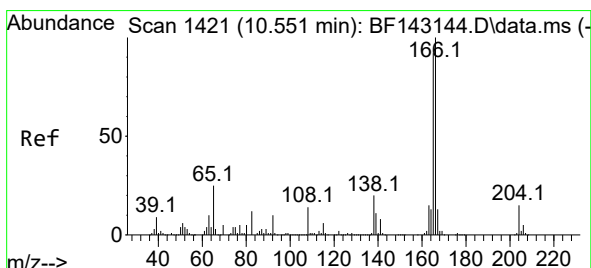
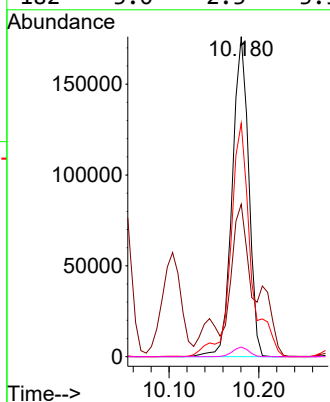
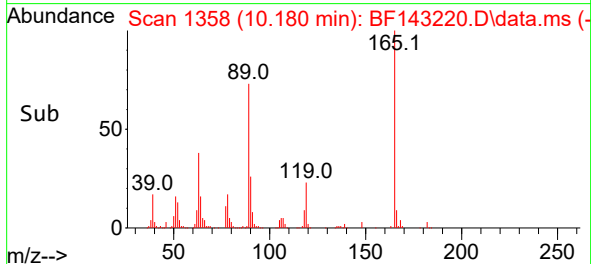
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:165 Resp: 22414
Ion Ratio Lower Upper
165 100
63 47.7 41.0 61.4
89 73.0 61.1 91.7
182 3.0 2.3 3.5

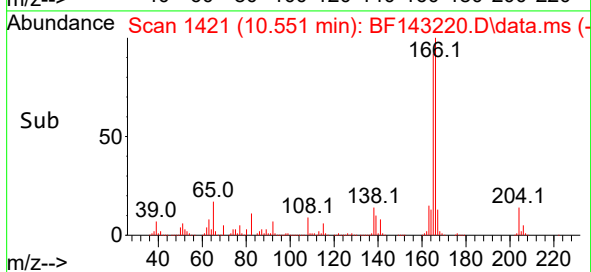
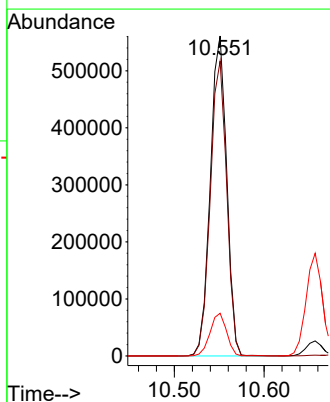
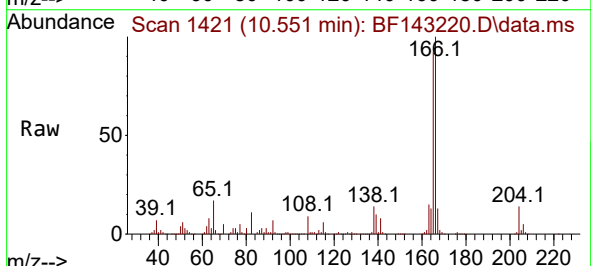
Manual Integrations
APPROVED

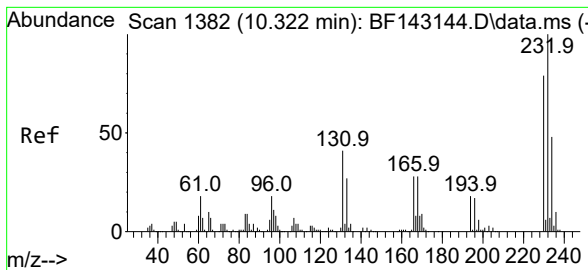
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#58
Fluorene
Concen: 42.978 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

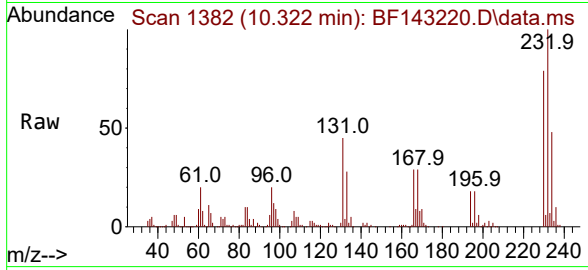
Tgt Ion:166 Resp: 710745
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.202 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

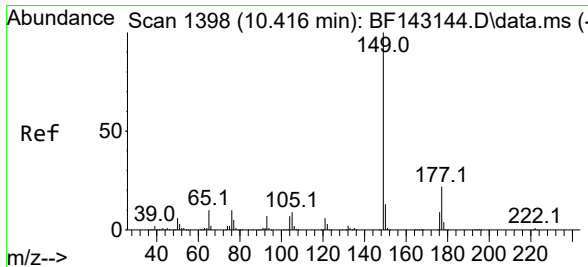
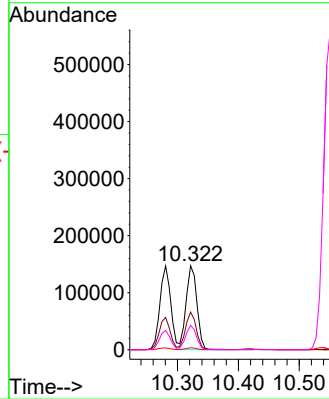
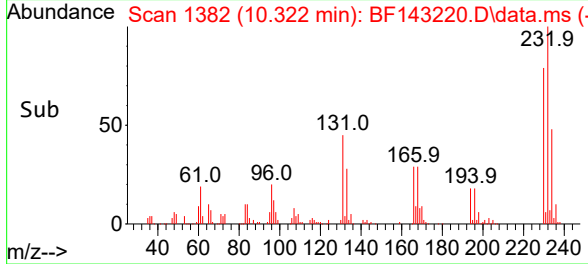
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



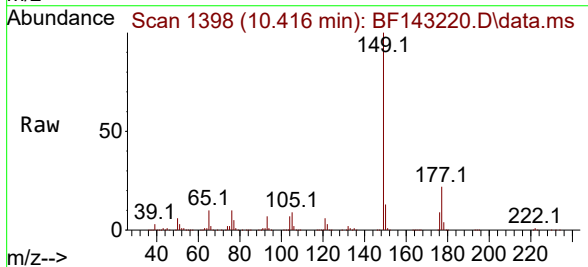
Tgt Ion:232 Resp: 18135
Ion Ratio Lower Upper
232 100
131 44.8 35.3 52.9
130 2.2 1.7 2.5
166 28.8 23.4 35.2

Manual Integrations
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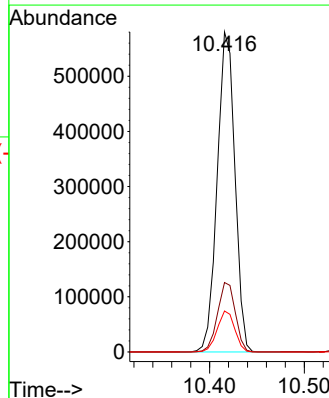
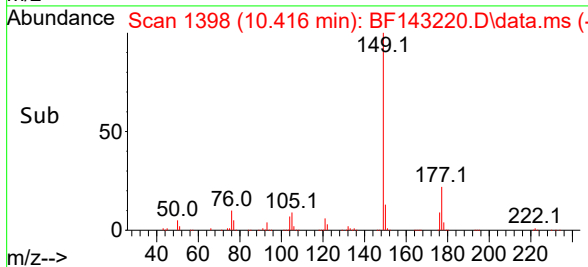
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

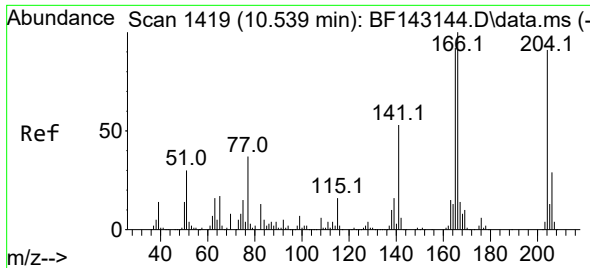


#60
Diethylphthalate
Concen: 45.197 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



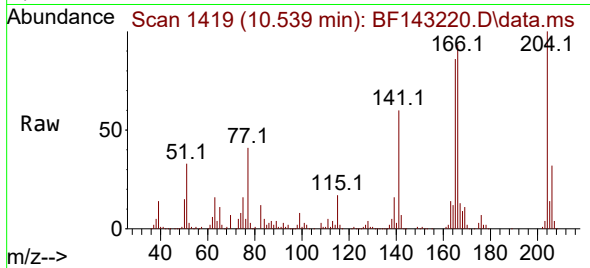
Tgt Ion:149 Resp: 755779
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.896 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

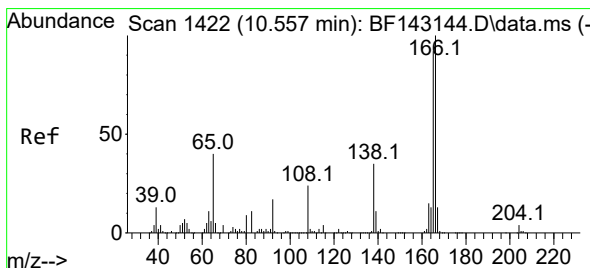
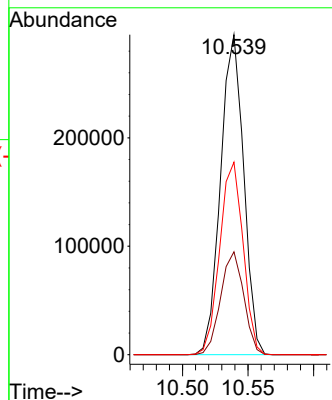
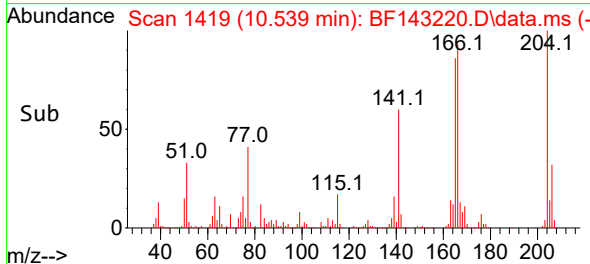
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



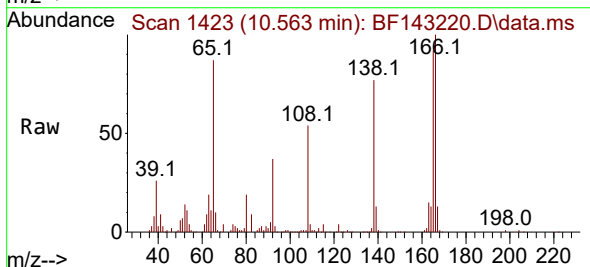
Tgt Ion:204 Resp: 361460
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 60.1 47.0 70.4

Manual Integrations
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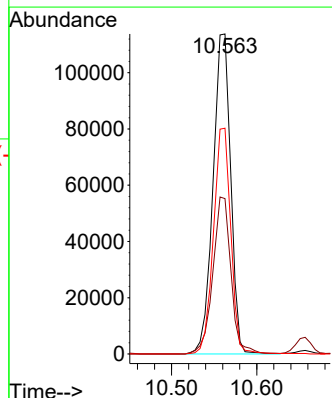
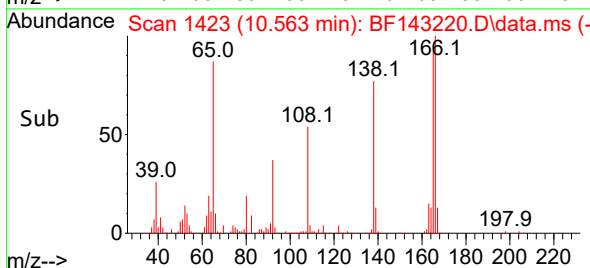
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

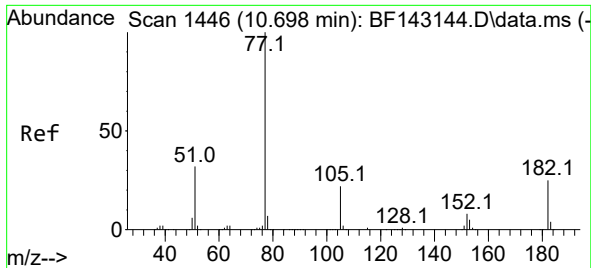


#62
4-Nitroaniline
Concen: 47.708 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



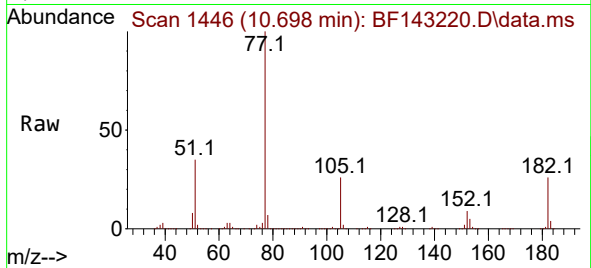
Tgt Ion:138 Resp: 164599
Ion Ratio Lower Upper
138 100
92 48.6 29.3 69.3
108 70.6 48.3 88.3





#63
Azobenzene
Concen: 48.382 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

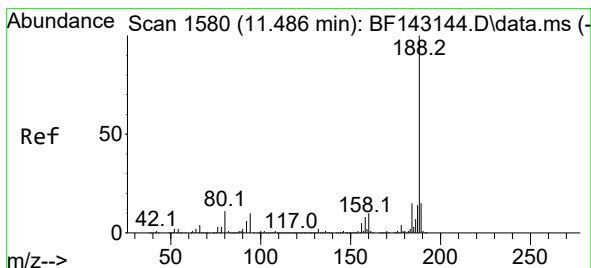
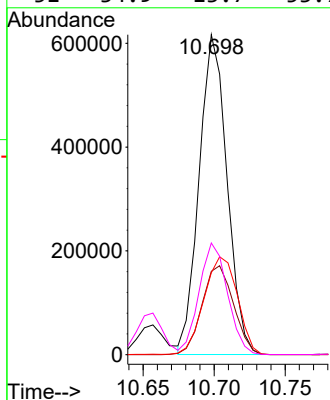
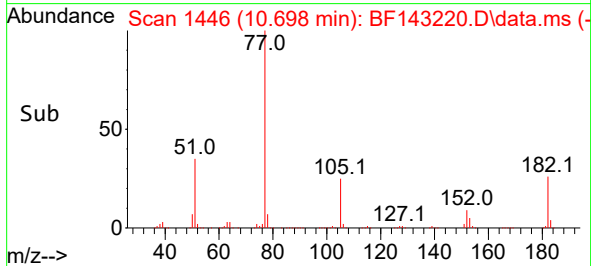
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



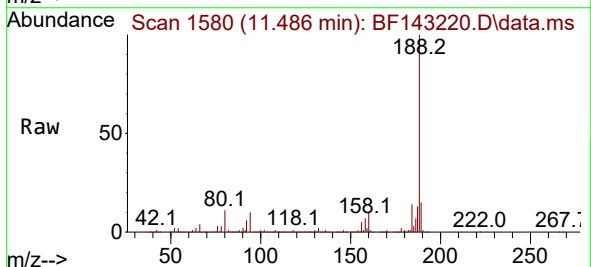
Tgt Ion: 77 Resp: 843200
Ion Ratio Lower Upper
77 100
182 26.1 4.6 44.6
105 25.6 1.4 41.4
51 34.9 13.7 53.7

Manual Integrations
APPROVED

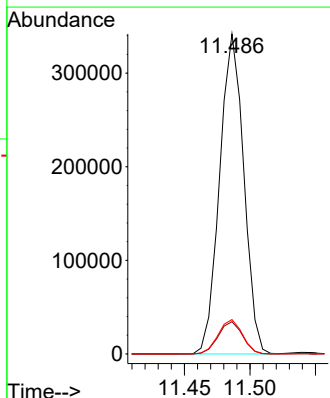
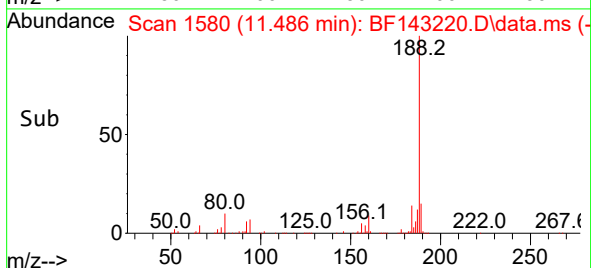
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

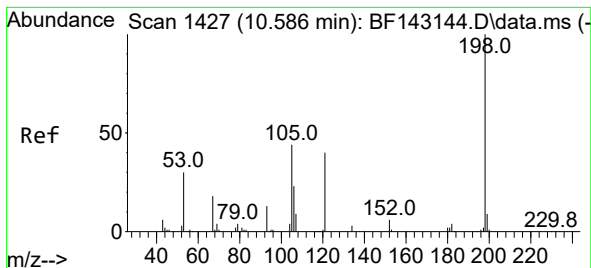


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



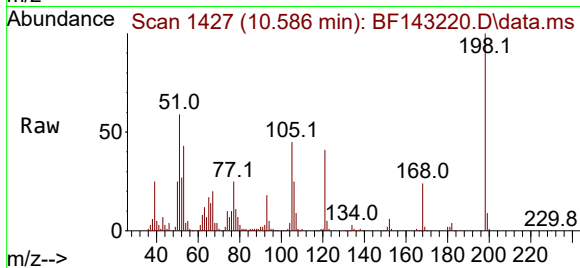
Tgt Ion:188 Resp: 437619
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.7 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.779 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

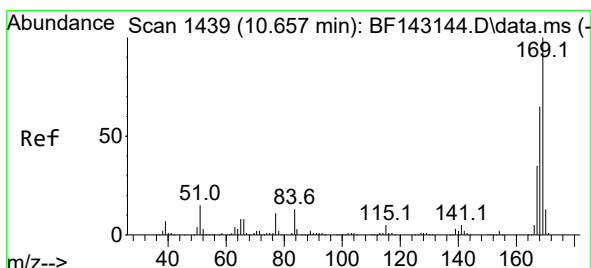
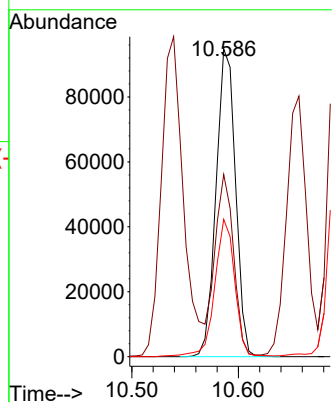
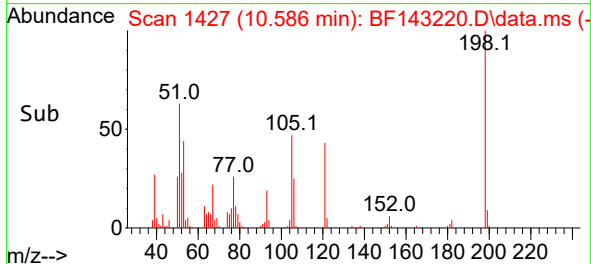
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:198 Resp: 119890
Ion Ratio Lower Upper
198 100
51 59.2 37.2 77.2
105 44.6 24.8 64.8

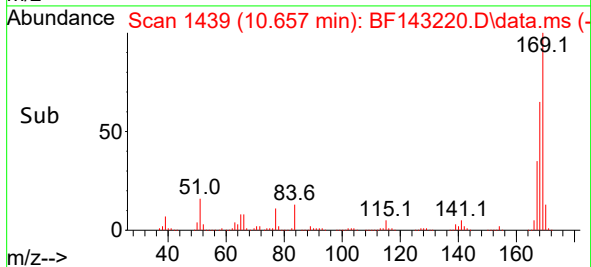
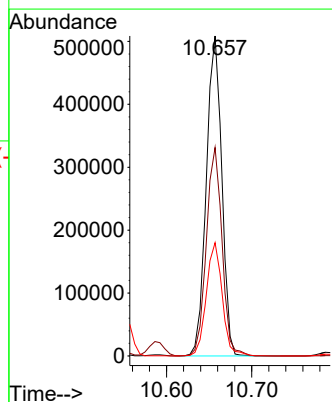
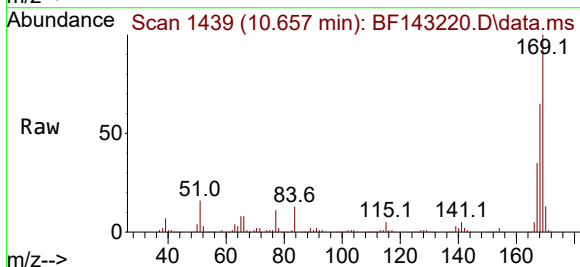
Manual Integrations
APPROVED

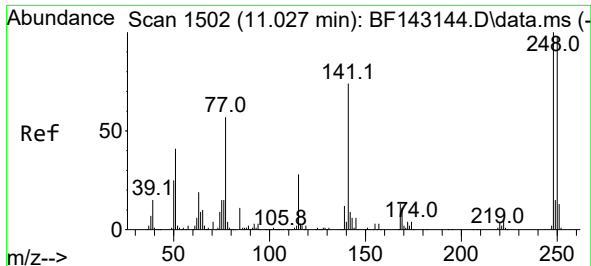
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#66
n-Nitrosodiphenylamine
Concen: 41.586 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

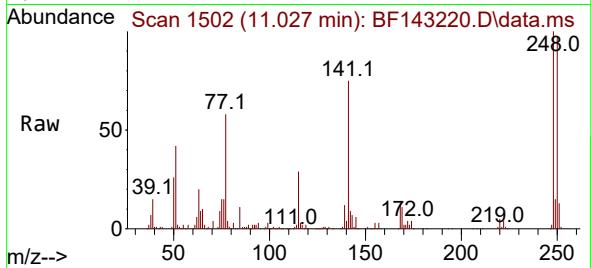
Tgt Ion:169 Resp: 640835
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.4 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 42.561 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

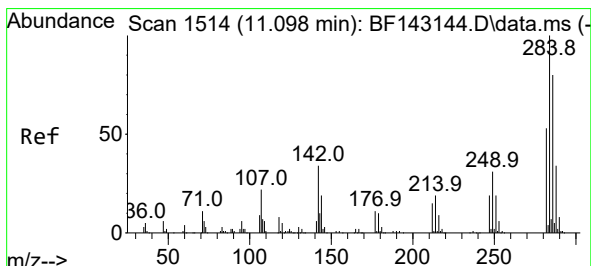
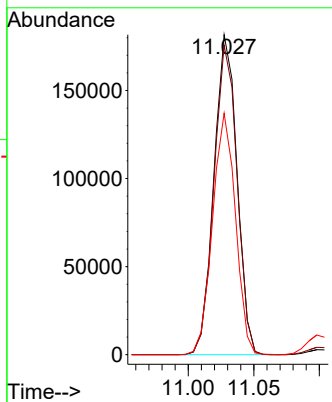
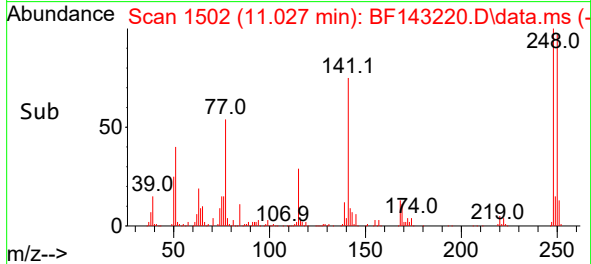
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



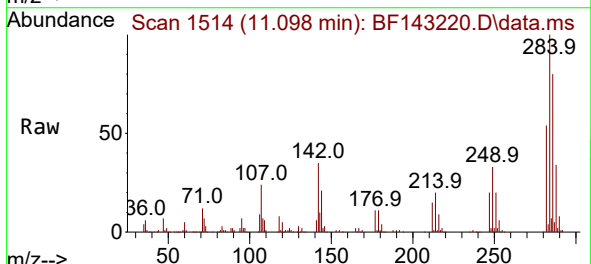
Tgt Ion:248 Resp: 221964
Ion Ratio Lower Upper
248 100
250 96.7 78.3 117.5
141 75.4 59.2 88.8

Manual Integrations
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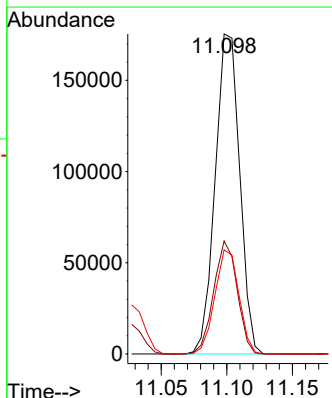
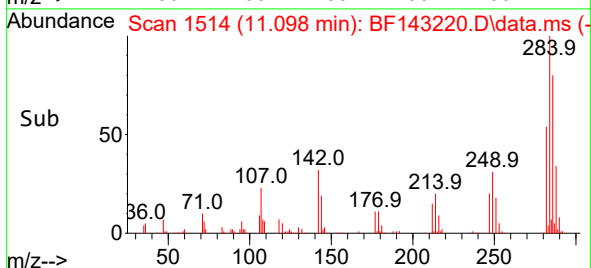
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

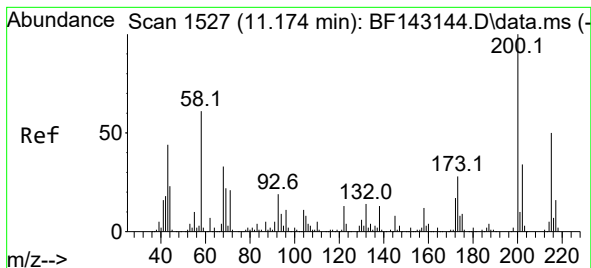


#68
Hexachlorobenzene
Concen: 41.737 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



Tgt Ion:284 Resp: 227510
Ion Ratio Lower Upper
284 100
142 35.3 27.0 40.6
249 32.5 25.0 37.6





#69

Atrazine

Concen: 47.514 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:200 Resp: 20185

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

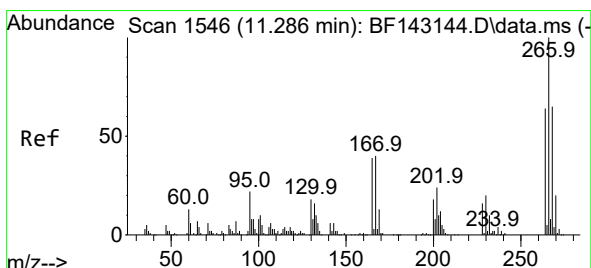
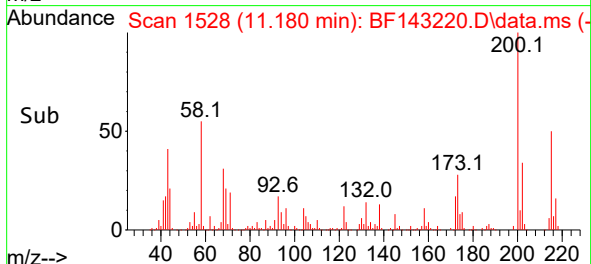
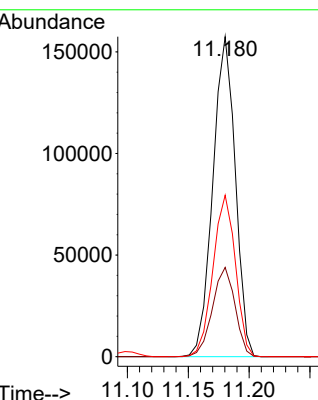
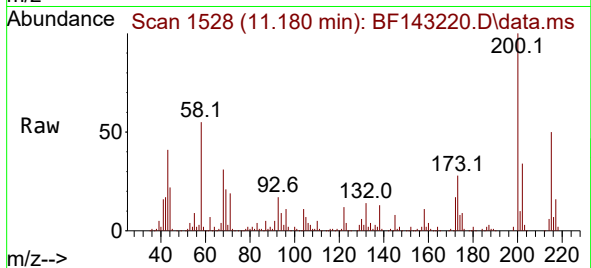
215 50.5 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#70

Pentachlorophenol

Concen: 64.749 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

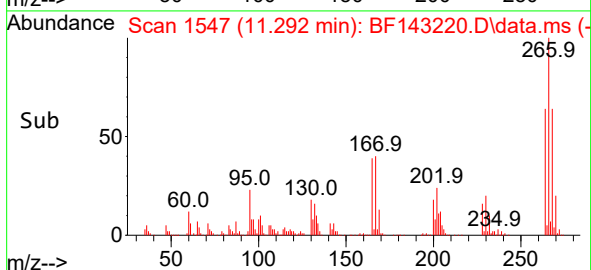
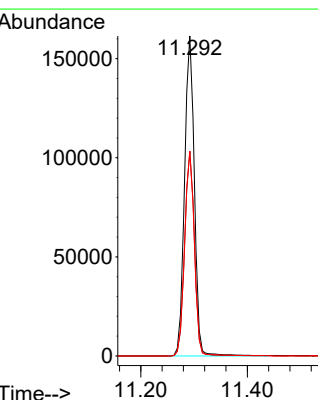
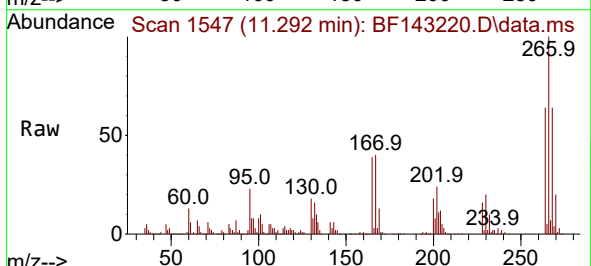
Tgt Ion:266 Resp: 207564

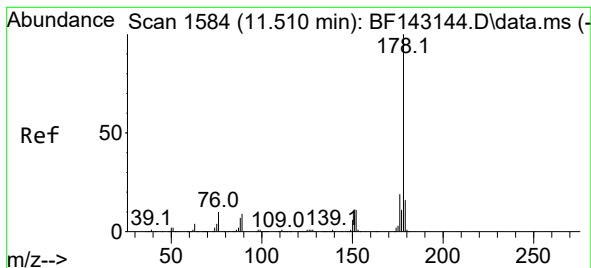
Ion Ratio Lower Upper

266 100

268 64.0 51.9 77.9

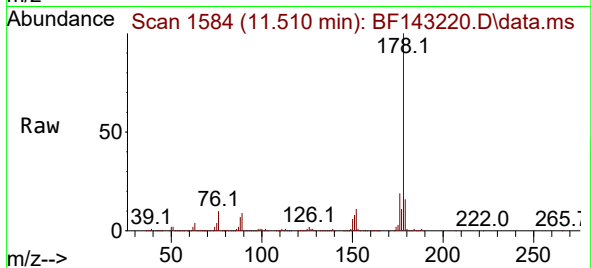
264 63.9 51.0 76.6





#71
Phenanthrene
Concen: 42.148 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

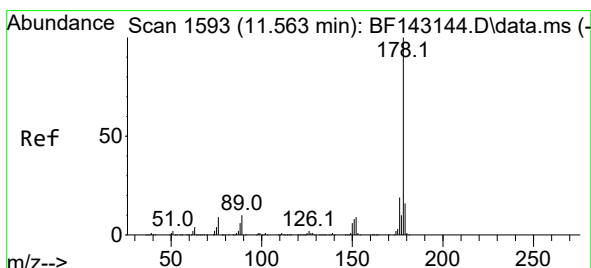
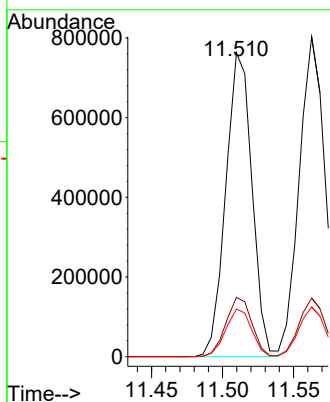
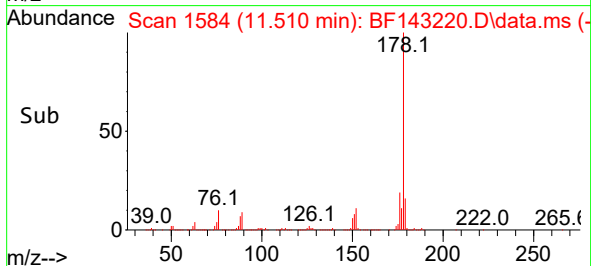
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:178 Resp: 979358
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.7 12.5 18.7

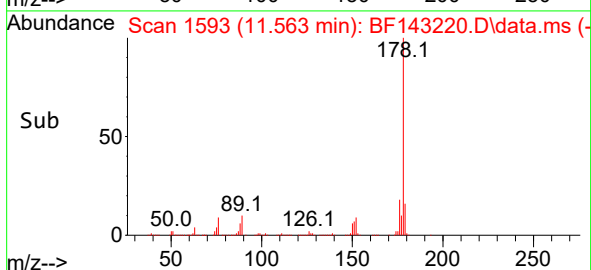
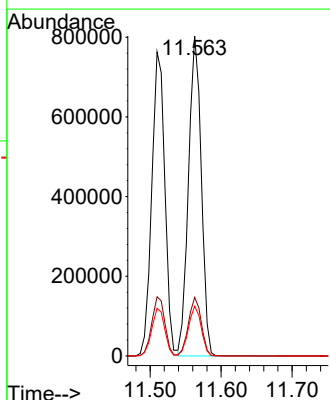
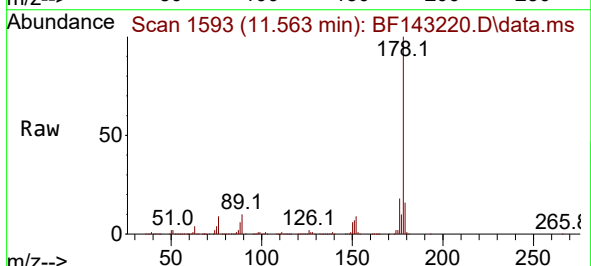
Manual Integrations
APPROVED

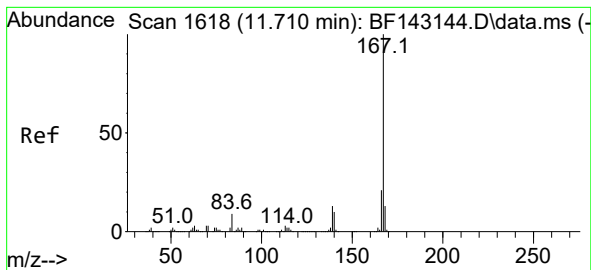
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#72
Anthracene
Concen: 42.442 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

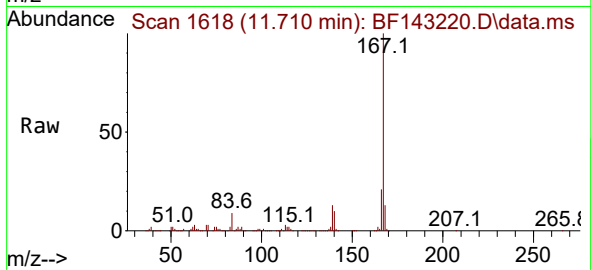
Tgt Ion:178 Resp: 1005804
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 43.359 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

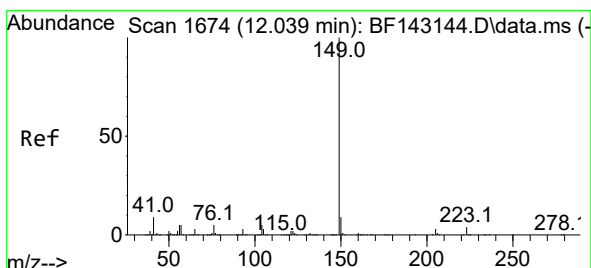
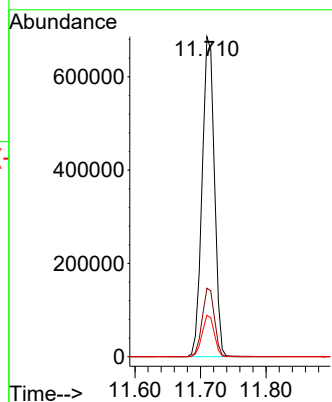
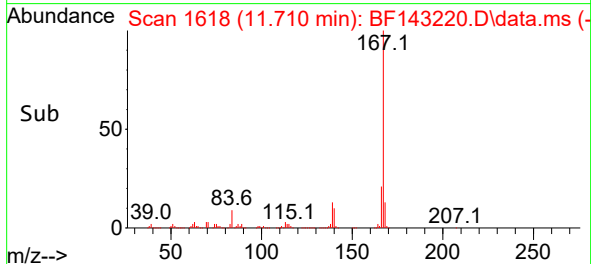
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD



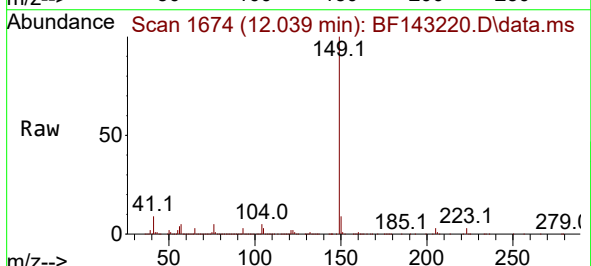
Tgt Ion:167 Resp: 897233
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.9 10.0 15.0

Manual Integrations
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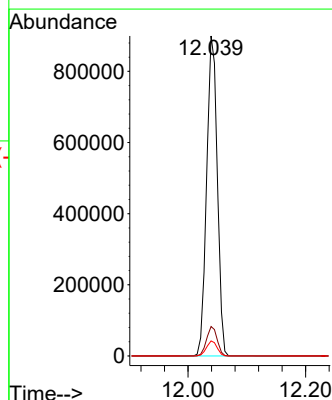
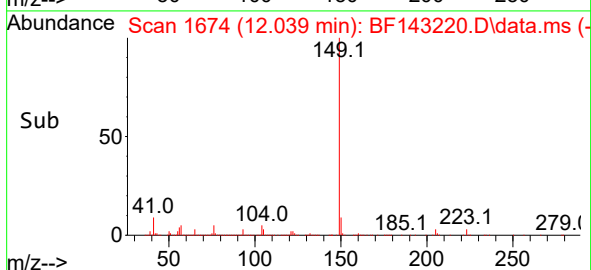
Reviewed By :Rahul Chavli 07/24/2025
 Supervised By :Jagrut Upadhyay 07/24/2025

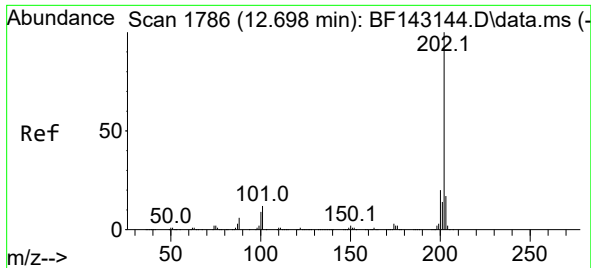


#74
 Di-n-butylphthalate
 Concen: 48.165 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25



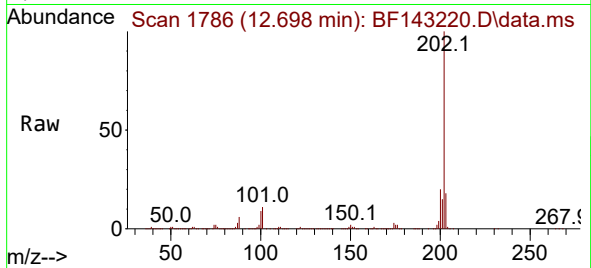
Tgt Ion:149 Resp: 1127752
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 45.156 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

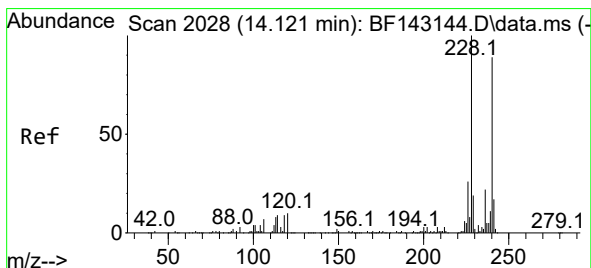
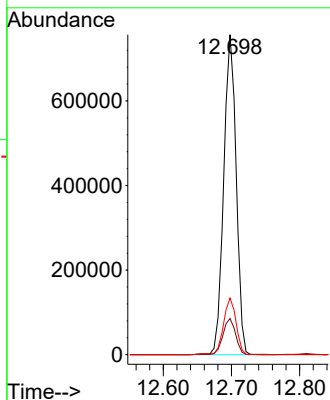
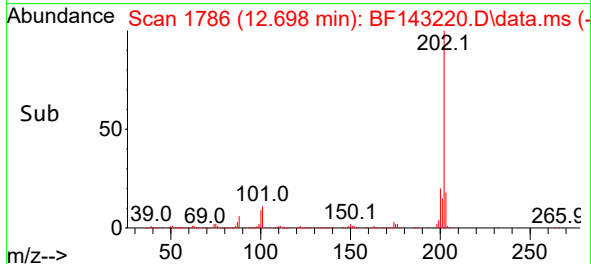
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



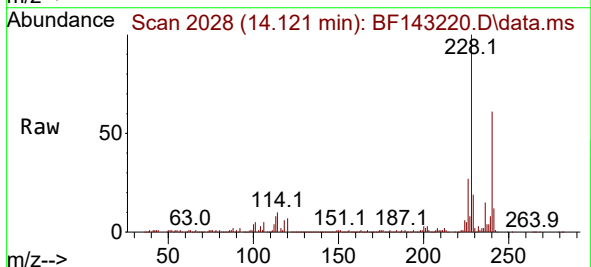
Tgt Ion:202 Resp: 96308
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.7
203 17.7 0.0 37.4

Manual Integrations
APPROVED

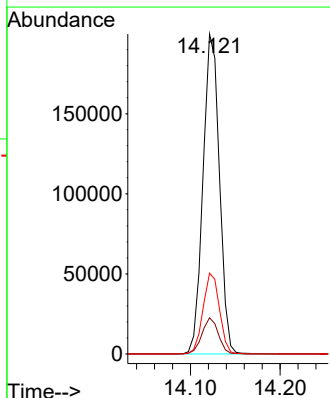
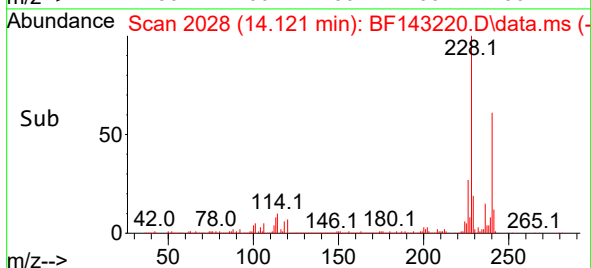
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

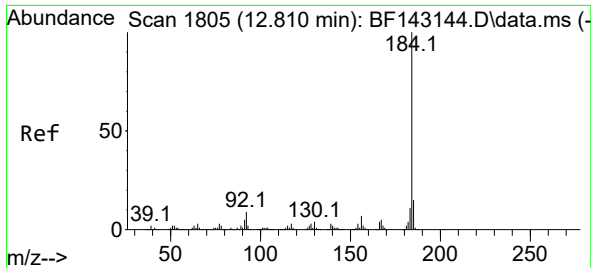


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



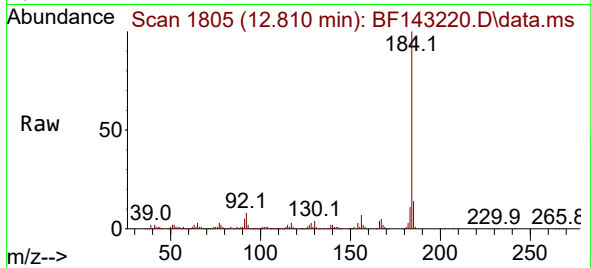
Tgt Ion:240 Resp: 254287
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.2 20.2 30.4





#77
Benzidine
Concen: 40.172 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

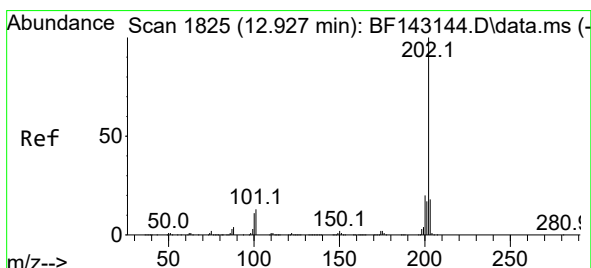
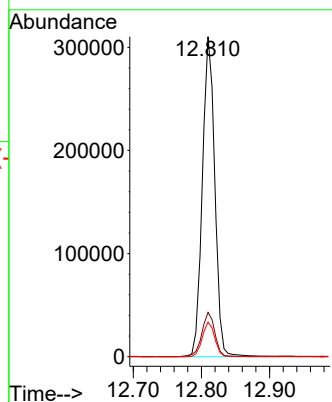
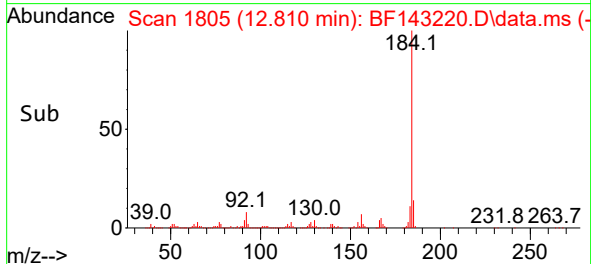
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



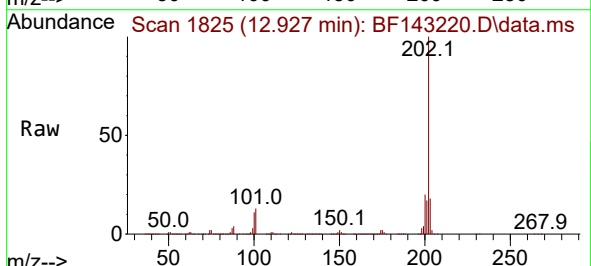
Tgt Ion:184 Resp: 393562
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.4
183 10.8 9.0 13.4

Manual Integrations
APPROVED

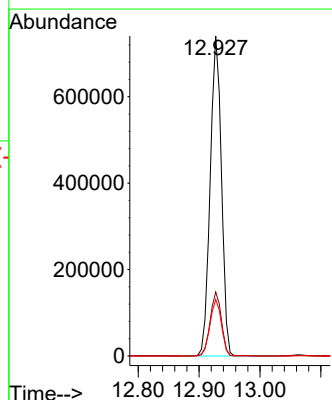
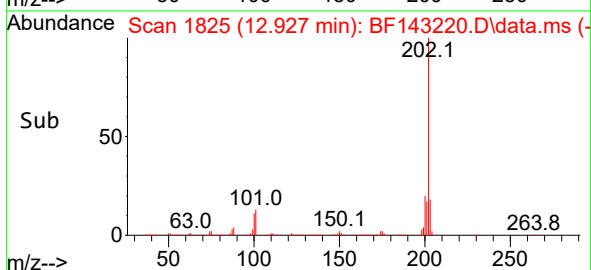
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

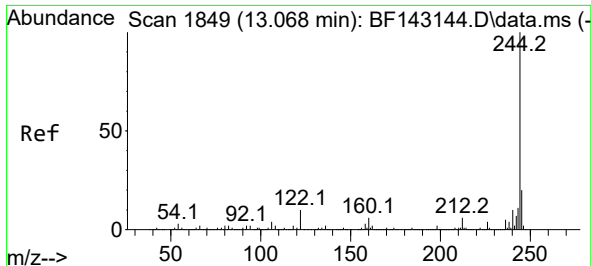


#78
Pyrene
Concen: 43.758 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



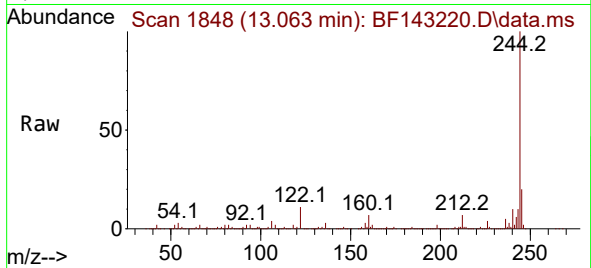
Tgt Ion:202 Resp: 949631
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.7 14.2 21.2





#79
Terphenyl-d14
Concen: 57.837 ng
RT: 13.063 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25

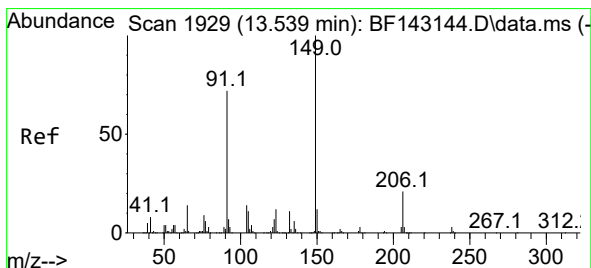
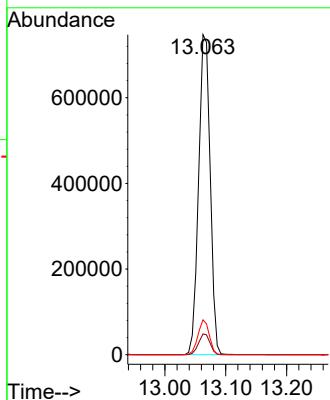
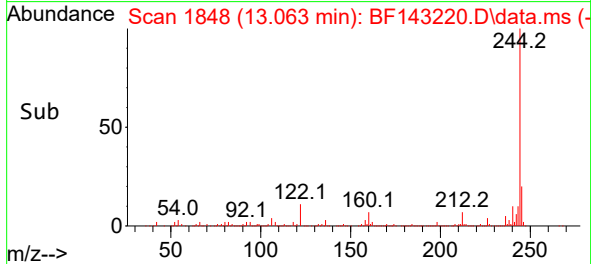
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



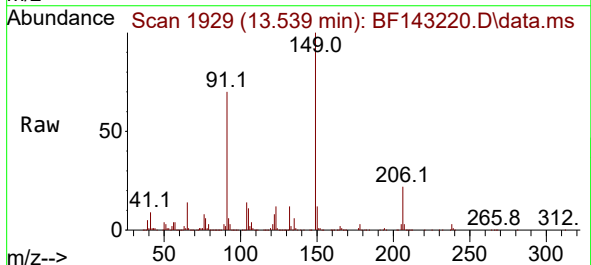
Tgt Ion:244 Resp: 988310
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.9 8.2 12.2

Manual Integrations
APPROVED

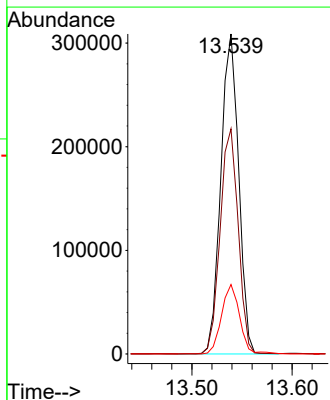
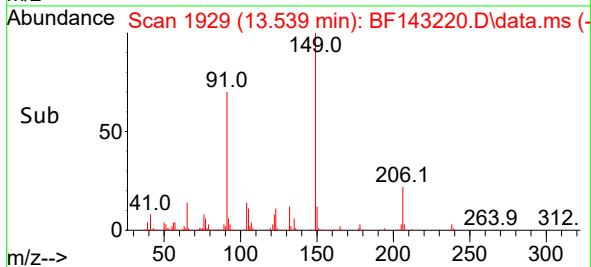
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

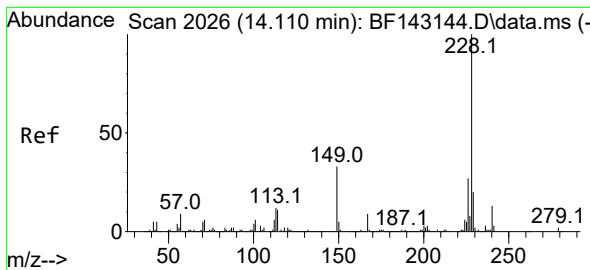


#80
Butylbenzylphthalate
Concen: 57.335 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143220.D
Acq: 23 Jul 2025 19:25



Tgt Ion:149 Resp: 381019
Ion Ratio Lower Upper
149 100
91 70.4 57.9 86.9
206 21.7 17.0 25.4





#81

Benzo(a)anthracene

Concen: 45.266 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:228 Resp: 770634

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

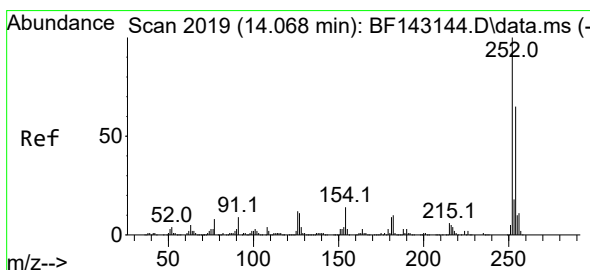
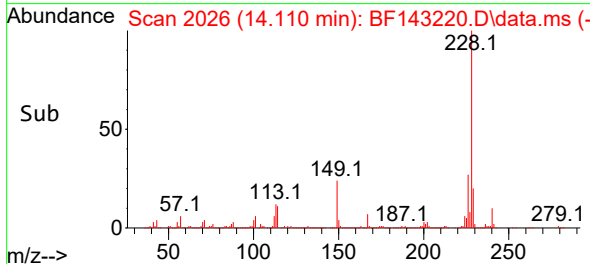
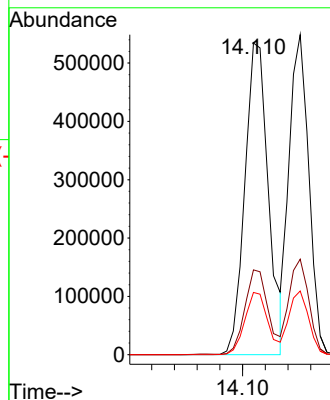
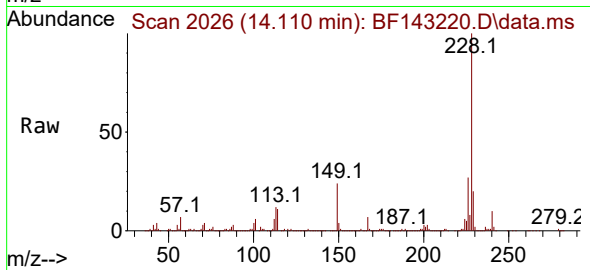
229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#82

3,3'-Dichlorobenzidine

Concen: 15.057 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

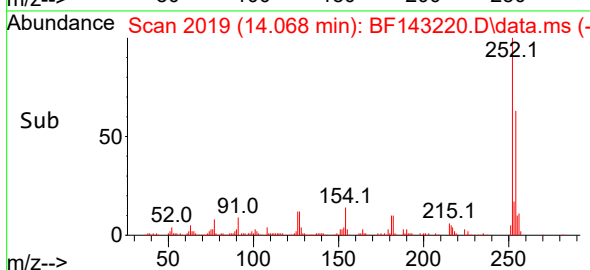
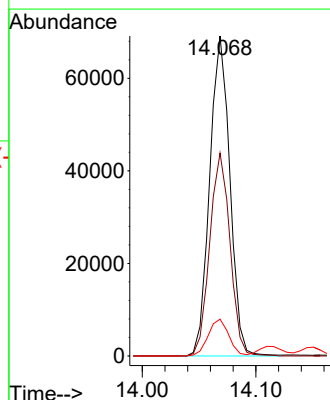
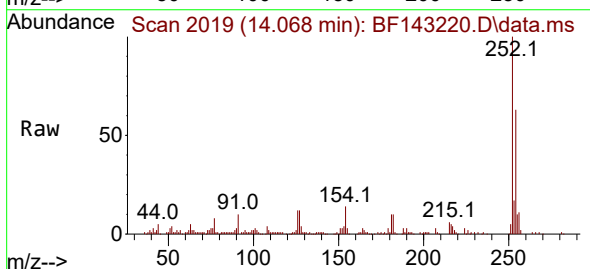
Tgt Ion:252 Resp: 85433

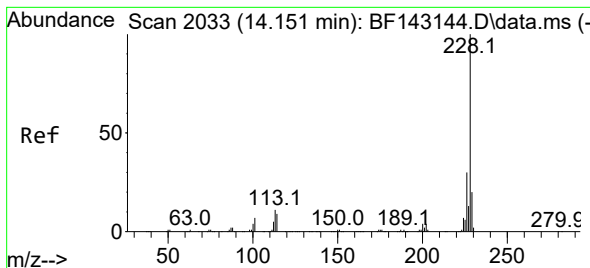
Ion Ratio Lower Upper

252 100

254 63.4 51.7 77.5

126 11.5 9.4 14.0





#83

Chrysene

Concen: 43.184 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:228 Resp: 661000

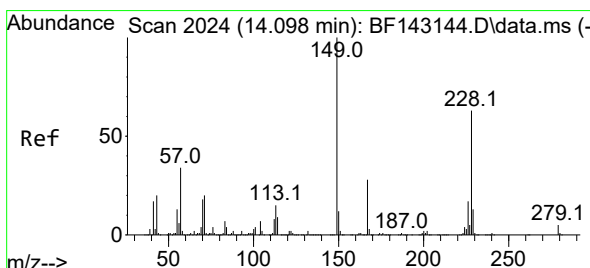
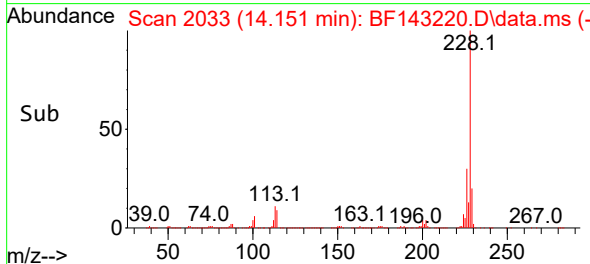
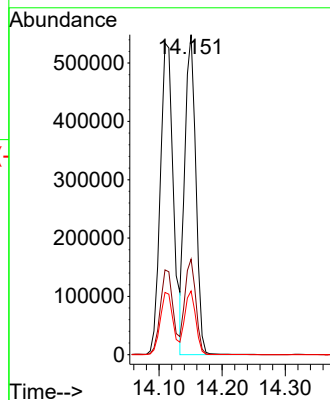
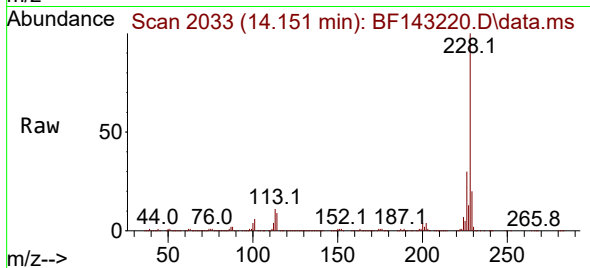
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.9	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.487 ng

RT: 14.098 min Scan# 2024

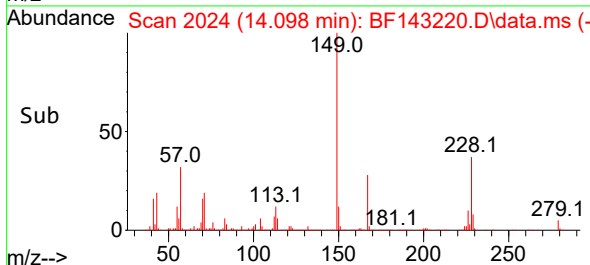
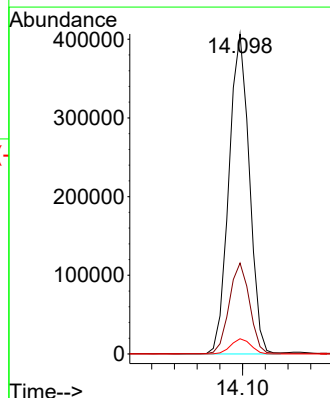
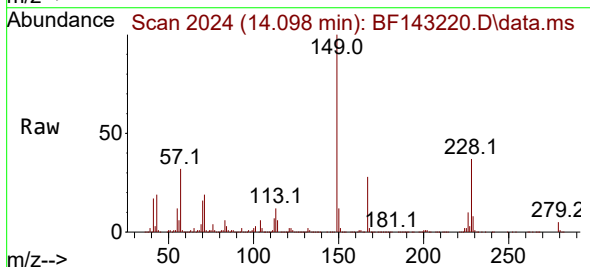
Delta R.T. -0.000 min

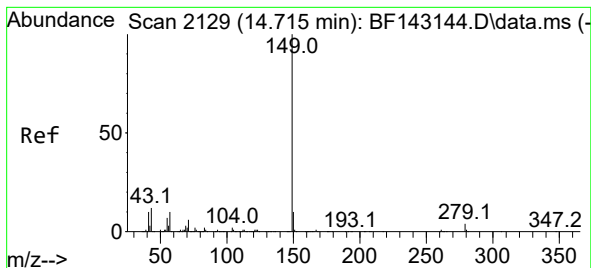
Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Tgt Ion:149 Resp: 507821

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.3	33.5
279	4.8	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 45.375 ng

RT: 14.710 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:149 Resp: 82728

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

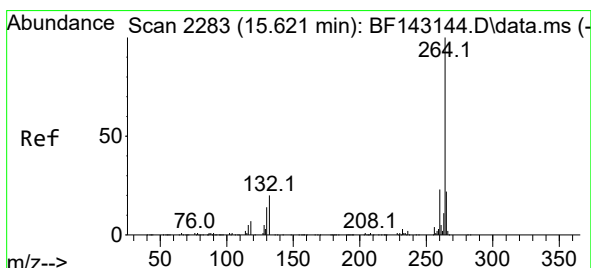
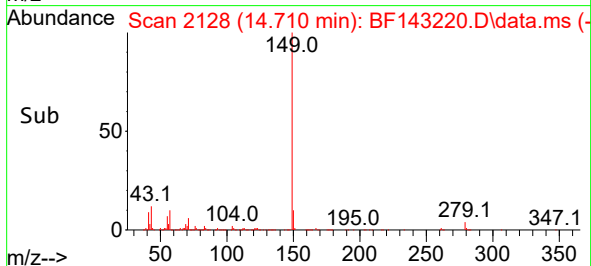
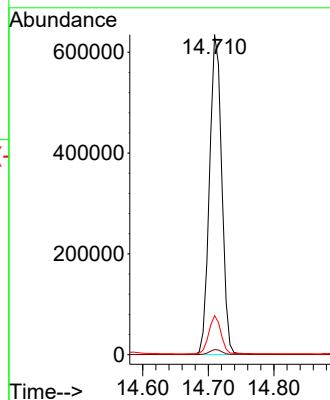
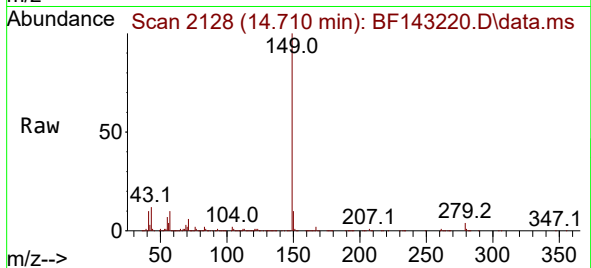
43 11.9 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2284

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

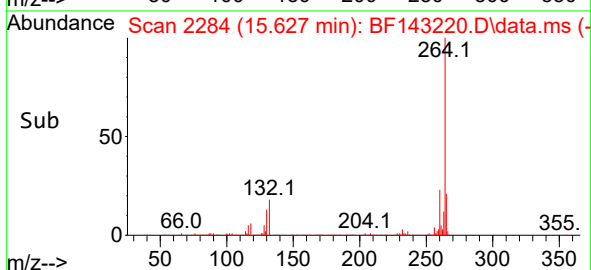
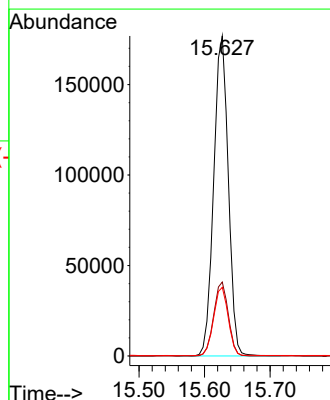
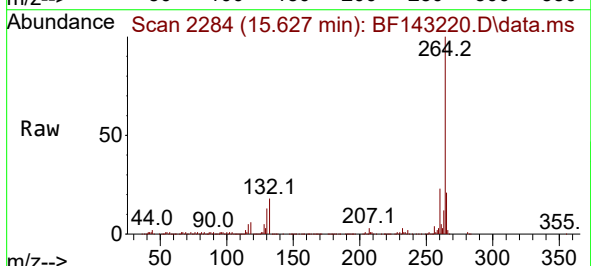
Tgt Ion:264 Resp: 273112

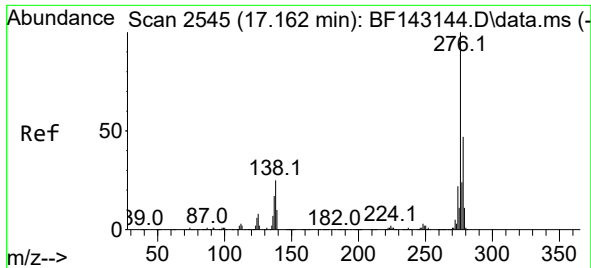
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

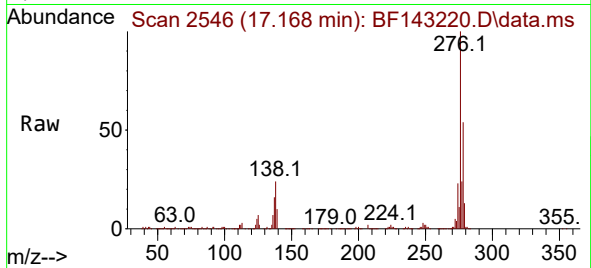
265 21.5 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.993 ng
 RT: 17.168 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25

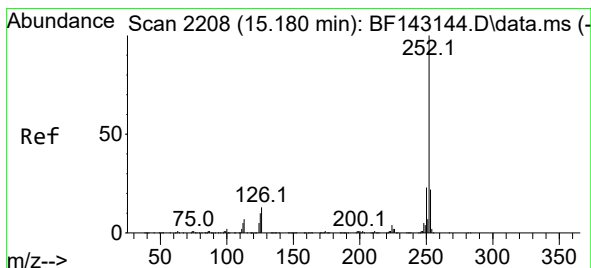
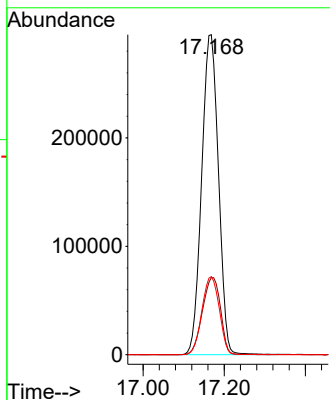
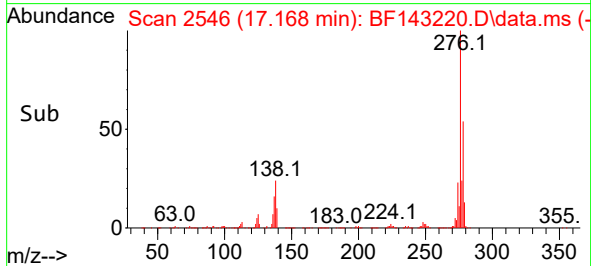
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD



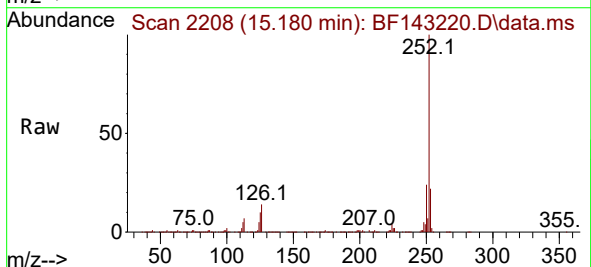
Tgt Ion:276 Resp: 84722
 Ion Ratio Lower Upper
 276 100
 138 25.9 21.8 32.6
 277 25.2 20.0 30.0

Manual Integrations
 APPROVED

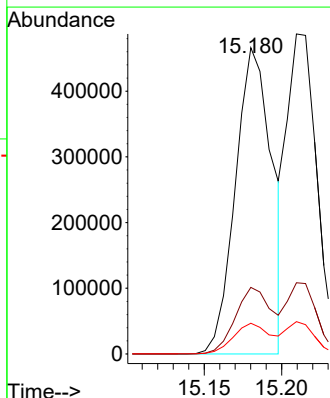
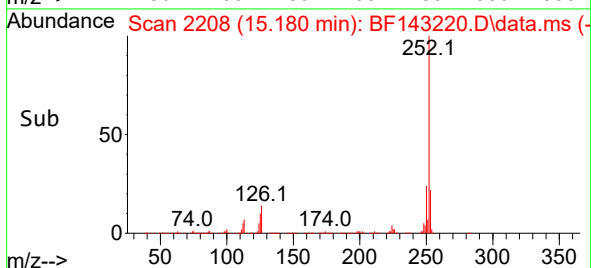
Reviewed By :Rahul Chavli 07/24/2025
 Supervised By :Jagrut Upadhyay 07/24/2025

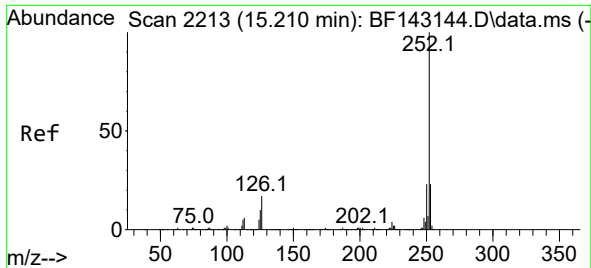


#88
 Benzo(b)fluoranthene
 Concen: 45.853 ng
 RT: 15.180 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: BF143220.D
 Acq: 23 Jul 2025 19:25



Tgt Ion:252 Resp: 765048
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 43.598 ng

RT: 15.209 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

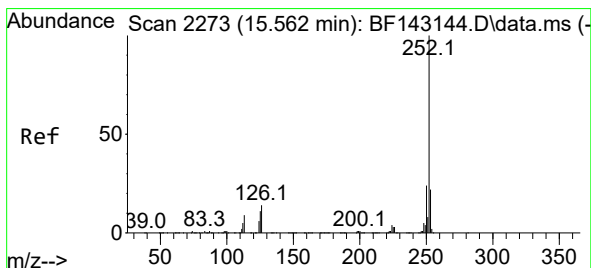
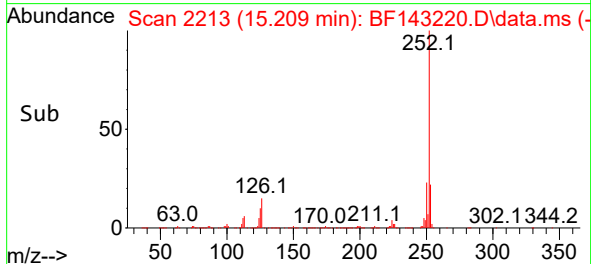
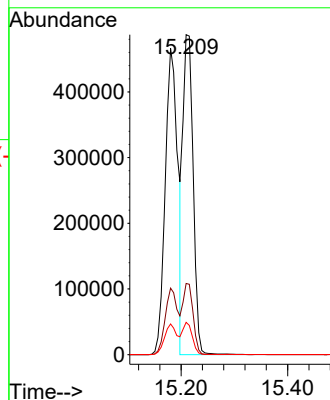
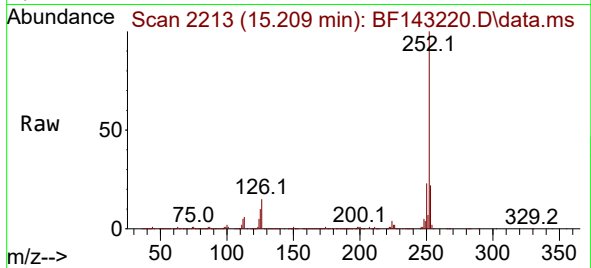
Tgt Ion:252 Resp: 64911
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.6
 125 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#90

Benzo(a)pyrene

Concen: 44.834 ng

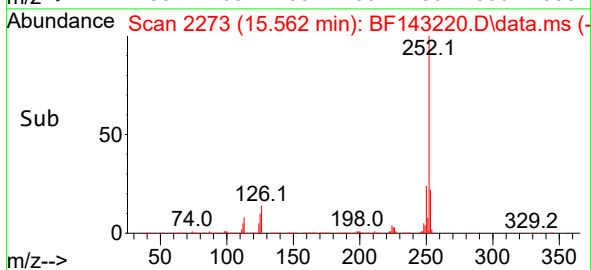
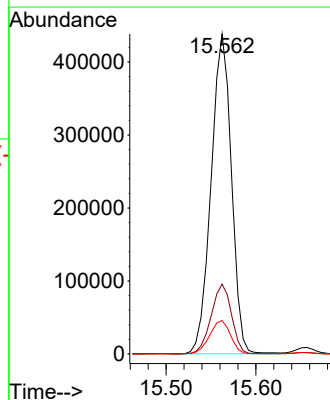
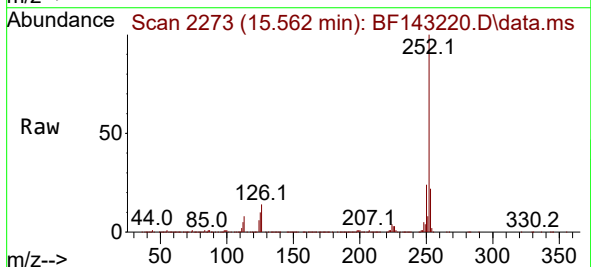
RT: 15.562 min Scan# 2273

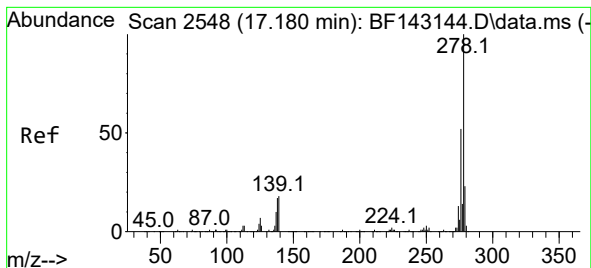
Delta R.T. -0.000 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Tgt Ion:252 Resp: 689200
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 10.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.623 ng

RT: 17.186 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:278 Resp: 68378

Ion Ratio Lower Upper

278 100

139 16.1 14.1 21.1

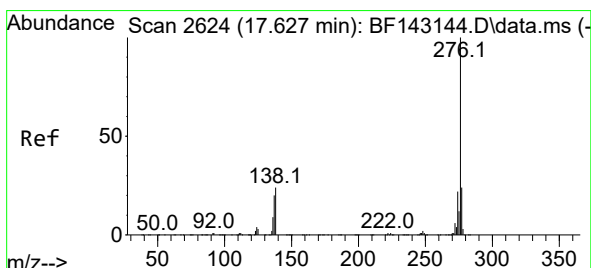
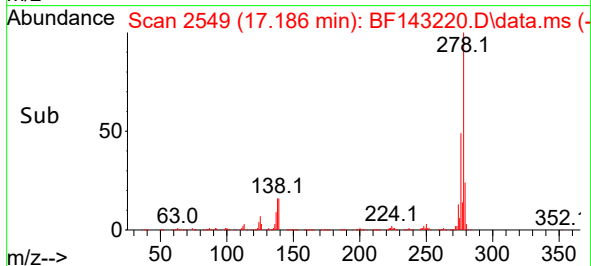
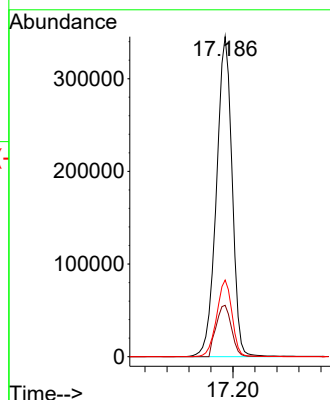
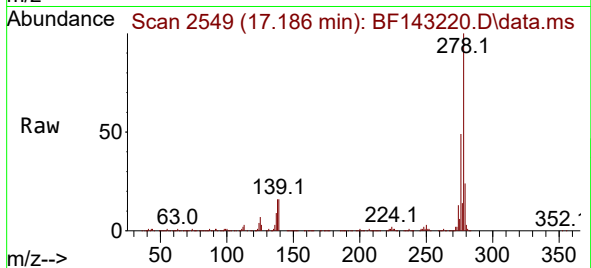
279 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#92

Benzo(g,h,i)perylene

Concen: 45.080 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143220.D

Acq: 23 Jul 2025 19:25

Tgt Ion:276 Resp: 683531

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 22.8 18.9 28.3

