

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
 Data File : BF143590.D
 Acq On : 26 Aug 2025 11:35
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/27/2025
 Supervised By :Jagrut Upadhyay 08/27/2025

Quant Time: Aug 26 16:14:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 14:38:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	160488	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	606898	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	327641	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	505352	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266551	20.000	ng	0.00
86) Perylene-d12	15.527	264	332150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	893867	94.795	ng	0.00
7) Phenol-d6	6.516	99	1101697	94.331	ng	0.00
23) Nitrobenzene-d5	7.457	82	909639	107.018	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	266314	103.939	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1705535	89.002	ng	0.00
79) Terphenyl-d14	13.004	244	1439694	96.924	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	218885	47.449	ng	99
3) Pyridine	3.440	79	598037	51.627	ng	99
4) n-Nitrosodimethylamine	3.399	42	276710	50.200	ng	100
6) Aniline	6.557	93	790445	48.480	ng	100
8) 2-Chlorophenol	6.675	128	484279	48.543	ng	100
9) Benzaldehyde	6.445	77	405832	46.181	ng	99
10) Phenol	6.528	94	625089m	47.720	ng	
11) bis(2-Chloroethyl)ether	6.634	93	464124	46.240	ng	100
12) 1,3-Dichlorobenzene	6.834	146	537267	46.884	ng	99
13) 1,4-Dichlorobenzene	6.910	146	533010	46.128	ng	99
14) 1,2-Dichlorobenzene	7.063	146	513749	46.873	ng	99
15) Benzyl Alcohol	7.034	79	431070	49.249	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	850661	45.913	ng	98
17) 2-Methylphenol	7.140	107	408163	48.195	ng	100
18) Hexachloroethane	7.410	117	180037	49.036	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	345157	46.651	ng	99
20) 3+4-Methylphenols	7.298	107	492496	47.347	ng	# 88
22) Acetophenone	7.304	105	634514	46.424	ng	# 96
24) Nitrobenzene	7.481	77	498416	54.694	ng	98
25) Isophorone	7.722	82	952543	47.887	ng	99
26) 2-Nitrophenol	7.792	139	196734	51.520	ng	99
27) 2,4-Dimethylphenol	7.822	122	428136	49.469	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	571397	47.480	ng	100
29) 2,4-Dichlorophenol	8.028	162	414083	49.659	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	417445	47.948	ng	100
31) Naphthalene	8.198	128	1364825	46.546	ng	100
32) Benzoic acid	7.940	122	227931	50.621	ng	98
33) 4-Chloroaniline	8.245	127	492740	47.567	ng	99
34) Hexachlorobutadiene	8.316	225	259975	47.388	ng	100
35) Caprolactam	8.628	113	119937	50.629	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	429718	49.292	ng	98
37) 2-Methylnaphthalene	8.887	142	889148	45.917	ng	100
38) 1-Methylnaphthalene	8.986	142	858840	45.955	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	407732	47.844	ng	98
41) Hexachlorocyclopentadiene	9.039	237	223212	53.241	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	294037	52.214	ng	99

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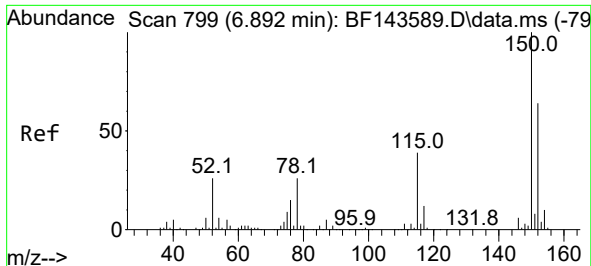
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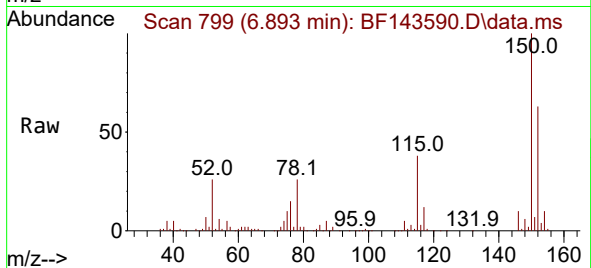
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	291380	51.205	ng	99
46) 1,1'-Biphenyl	9.351	154	1050153	46.193	ng	99
47) 2-Chloronaphthalene	9.381	162	847842	47.211	ng	99
48) 2-Nitroaniline	9.469	65	251847	50.267	ng	99
49) Acenaphthylene	9.792	152	1219532	46.673	ng	100
50) Dimethylphthalate	9.651	163	966360	47.951	ng	99
51) 2,6-Dinitrotoluene	9.710	165	170353	50.095	ng	99
52) Acenaphthene	9.963	154	793413	46.356	ng	99
53) 3-Nitroaniline	9.881	138	201198	50.142	ng	99
54) 2,4-Dinitrophenol	9.981	184	53928	51.178	ng	89
55) Dibenzofuran	10.139	168	1167014	46.506	ng	98
56) 4-Nitrophenol	10.028	139	164759	49.650	ng	100
57) 2,4-Dinitrotoluene	10.110	165	226076	50.572	ng	99
58) Fluorene	10.481	166	847912	45.004	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	226907	53.935	ng	99
60) Diethylphthalate	10.351	149	898948	47.598	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	421624	45.758	ng	97
62) 4-Nitroaniline	10.492	138	187927	50.005	ng	99
63) Azobenzene	10.633	77	910084	47.527	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	89281	51.344	ng	97
66) n-Nitrosodiphenylamine	10.592	169	755634	47.009	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	262828	48.083	ng	99
68) Hexachlorobenzene	11.028	284	277692	47.494	ng	99
69) Atrazine	11.116	200	230238	49.829	ng	100
70) Pentachlorophenol	11.216	266	177401	53.106	ng	99
71) Phenanthrene	11.439	178	1257113	46.461	ng	100
72) Anthracene	11.492	178	1260551	46.229	ng	100
73) Carbazole	11.645	167	1080574	45.845	ng	100
74) Di-n-butylphthalate	11.980	149	1168015	48.652	ng	100
75) Fluoranthene	12.627	202	1088814	44.072	ng	99
77) Benzidine	12.745	184	237573	37.629	ng	100
78) Pyrene	12.857	202	1124413	50.405	ng	100
80) Butylbenzylphthalate	13.474	149	303475	48.160	ng	99
81) Benzo(a)anthracene	14.045	228	810442	48.328	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	226287	50.330	ng	98
83) Chrysene	14.080	228	752062	48.122	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	386823	47.451	ng	99
85) Di-n-octyl phthalate	14.651	149	751428	49.140	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1163383	51.481	ng	99
88) Benzo(b)fluoranthene	15.098	252	836795	44.093	ng	100
89) Benzo(k)fluoranthene	15.127	252	853238	48.085	ng	100
90) Benzo(a)pyrene	15.468	252	820860	48.954	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	935510	50.581	ng	100
92) Benzo(g,h,i)perylene	17.492	276	953242	52.059	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

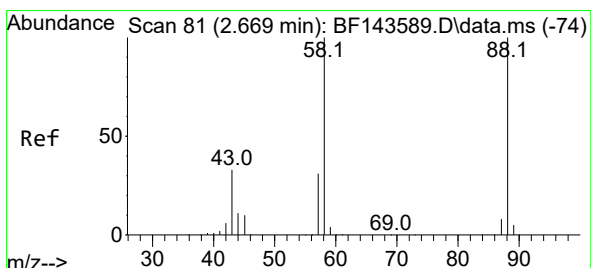
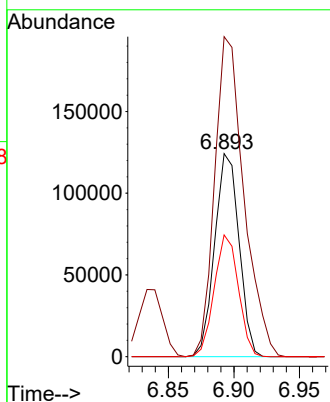
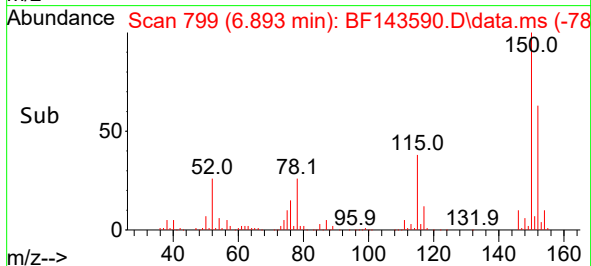
Instrument :
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SSTDICC050



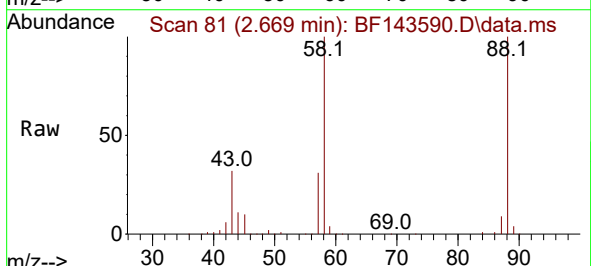
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Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 60.0 48.0 72.0

Manual Integrations
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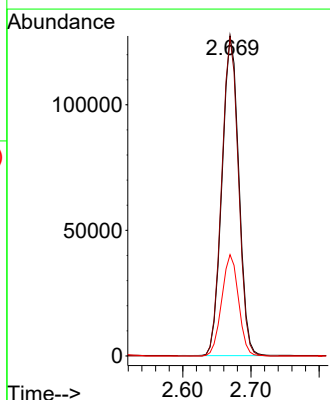
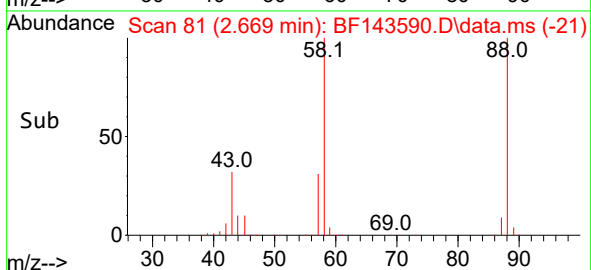
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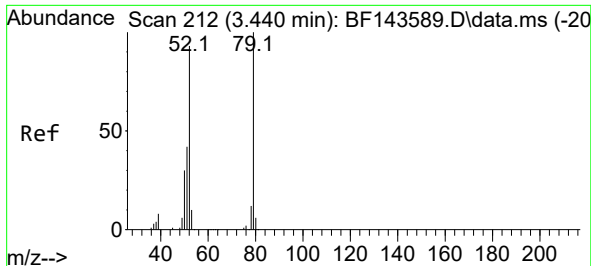


#2
1,4-Dioxane
Concen: 47.449 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



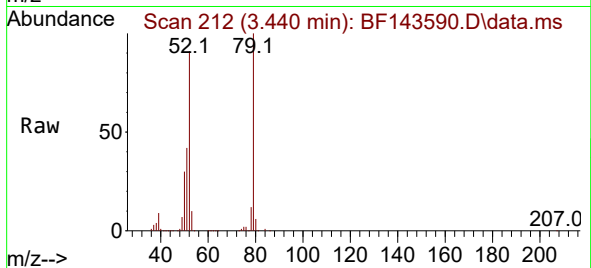
Tgt Ion: 88 Resp: 218885
Ion Ratio Lower Upper
88 100
58 99.3 79.2 118.8
43 31.6 26.2 39.2





#3
Pyridine
Concen: 51.627 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

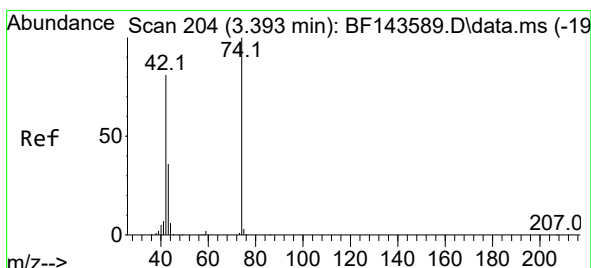
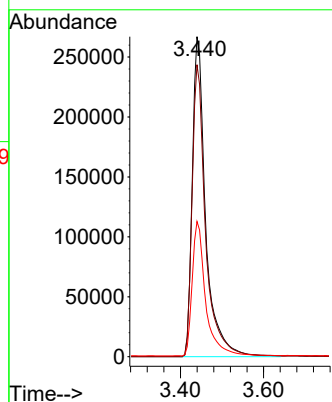
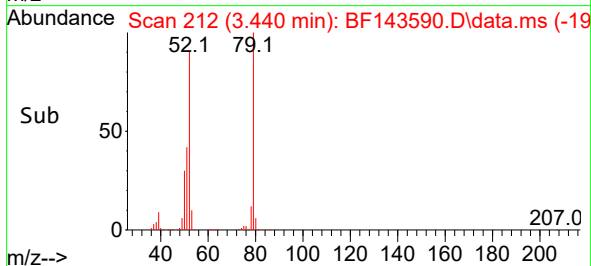
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 59803
Ion Ratio Lower Upper
79 100
52 91.2 74.3 111.5
51 42.3 33.5 50.3

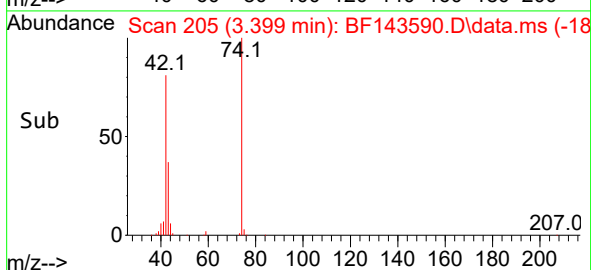
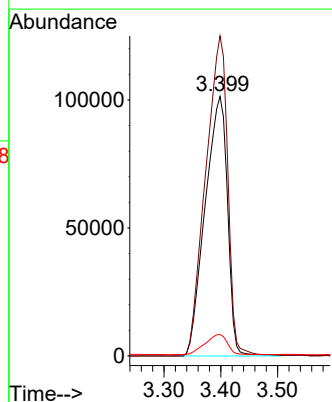
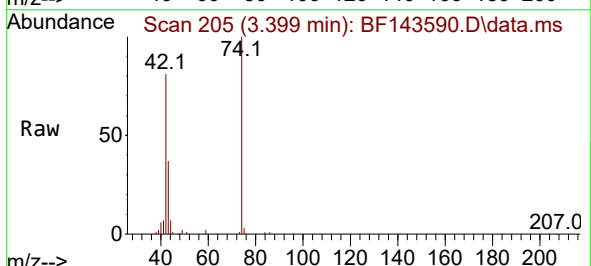
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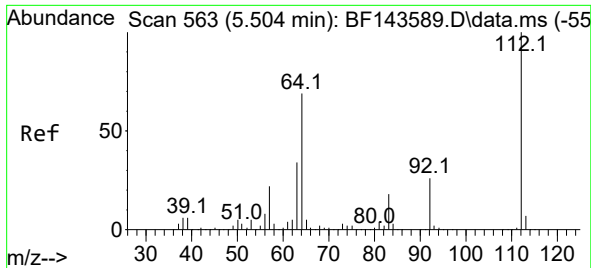
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#4
n-Nitrosodimethylamine
Concen: 50.200 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 42 Resp: 276710
Ion Ratio Lower Upper
42 100
74 123.3 98.9 148.3
44 8.2 7.0 10.4





#5
2-Fluorophenol
Concen: 94.795 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

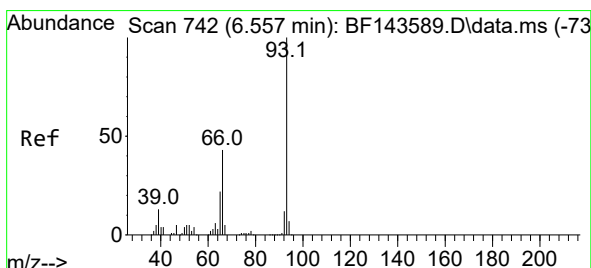
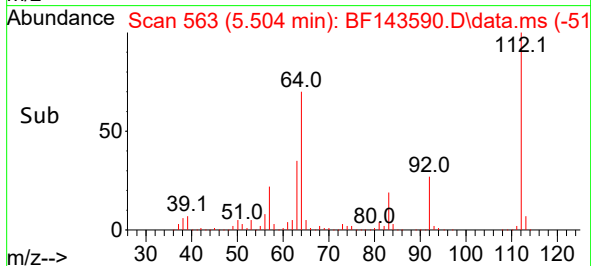
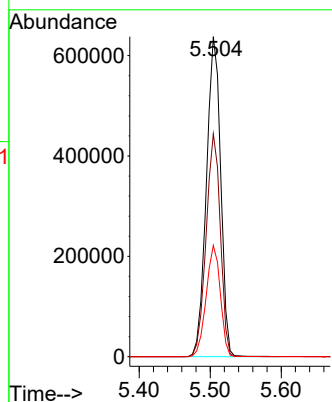
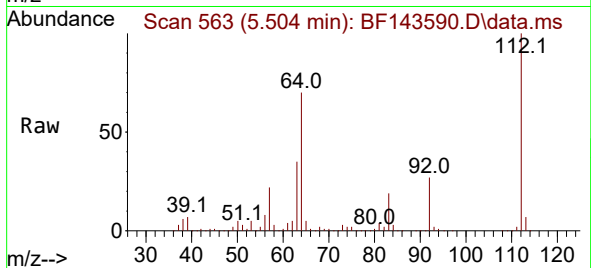
SSTDICC050

Tgt Ion:112 Resp: 89386
Ion Ratio Lower Upper
112 100
64 69.7 54.8 82.2
63 34.8 27.6 41.4

Manual Integrations

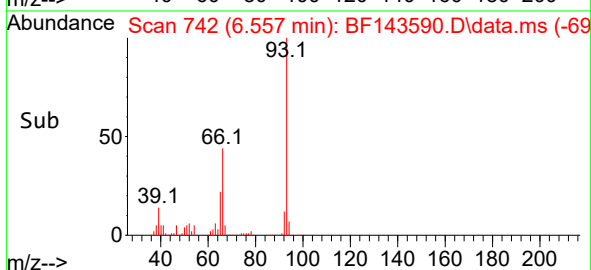
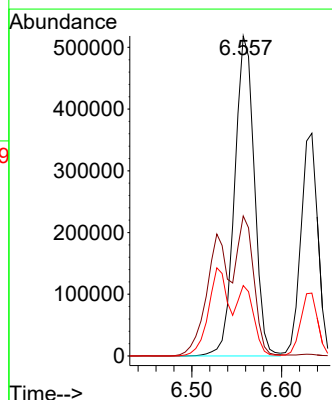
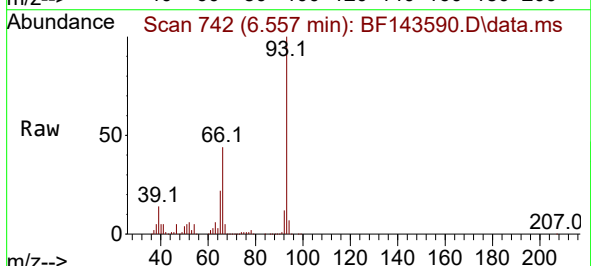
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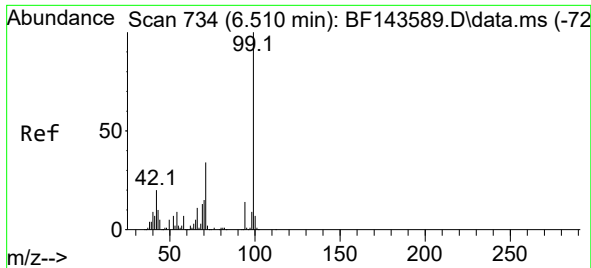
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#6
Aniline
Concen: 48.480 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

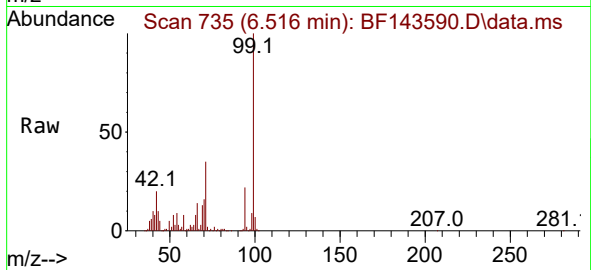
Tgt Ion: 93 Resp: 790445
Ion Ratio Lower Upper
93 100
66 43.8 35.0 52.4
65 22.0 17.5 26.3





#7
Phenol-d6
Concen: 94.331 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

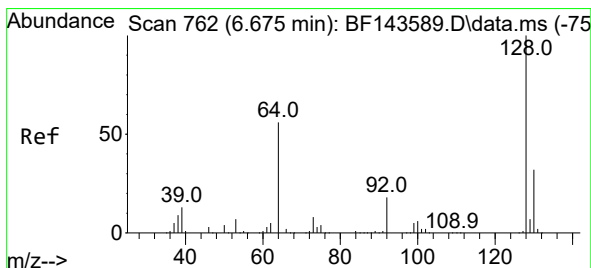
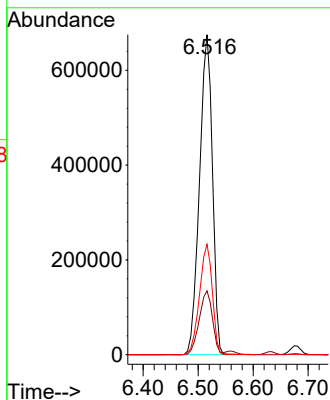
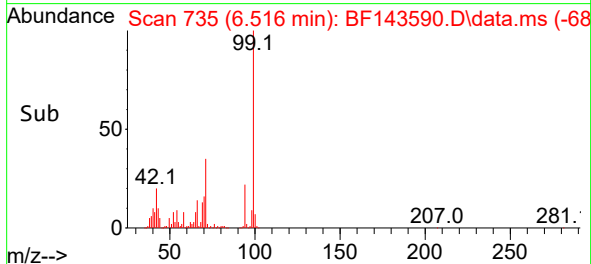
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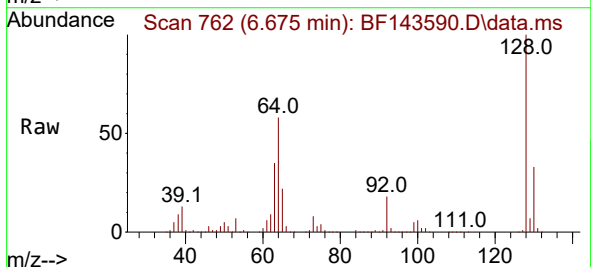
Tgt Ion: 99 Resp: 110169
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 34.5 27.2 40.8

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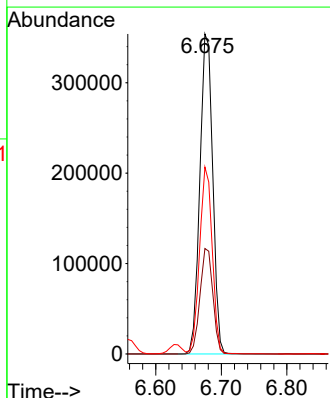
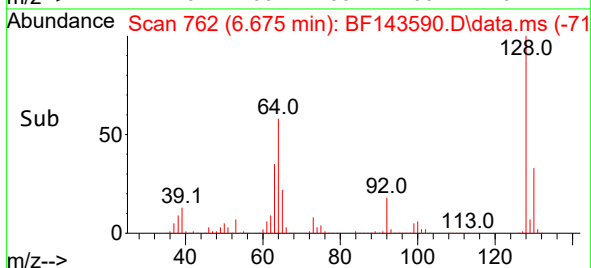
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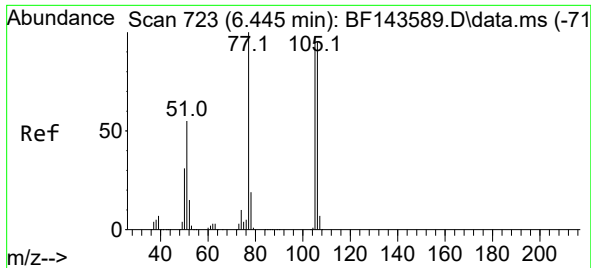


#8
2-Chlorophenol
Concen: 48.543 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



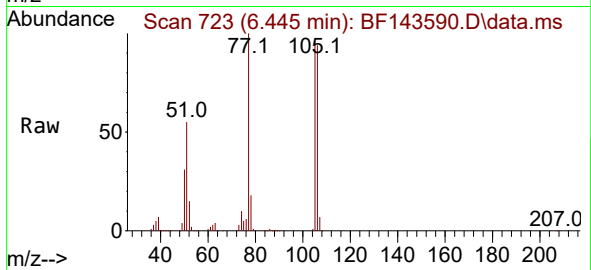
Tgt Ion:128 Resp: 484279
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 58.4 38.4 78.4





#9
Benzaldehyde
Concen: 46.181 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

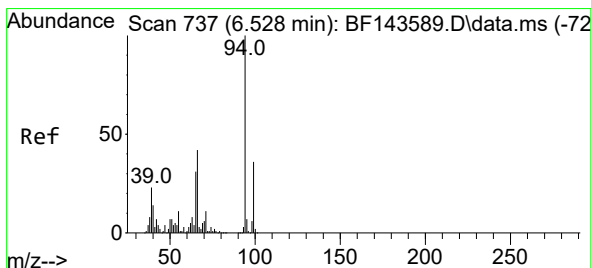
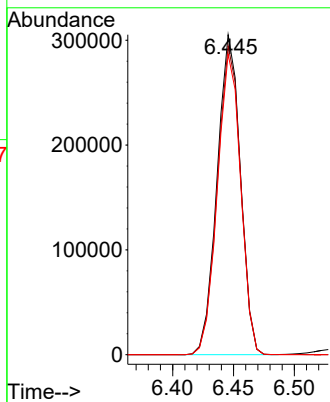
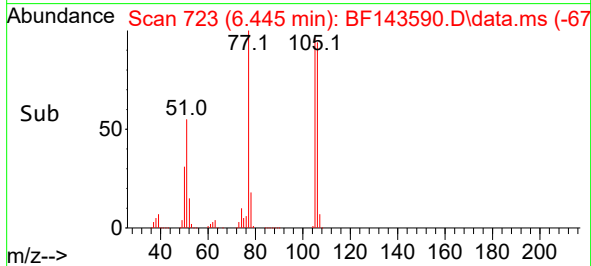
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 40583
Ion Ratio Lower Upper
77 100
105 96.5 77.9 117.9
106 93.9 74.9 114.9

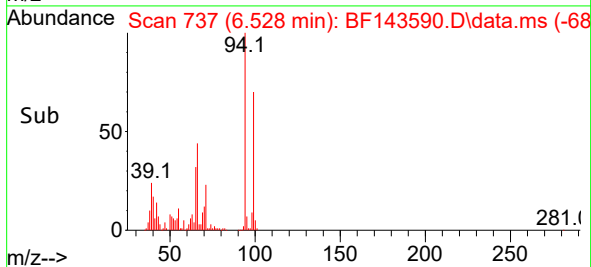
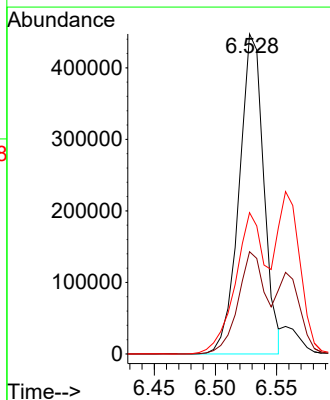
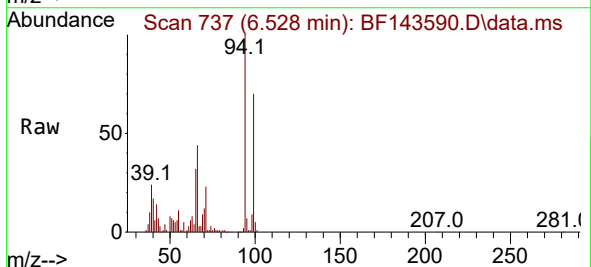
Manual Integrations
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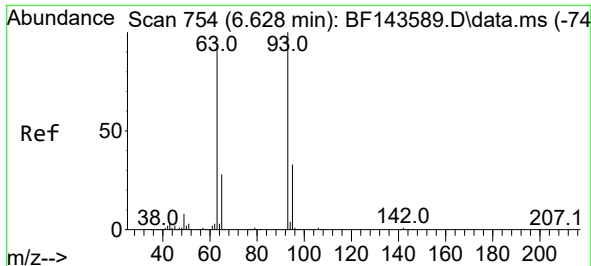
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#10
Phenol
Concen: 47.720 ng m
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 94 Resp: 625089
Ion Ratio Lower Upper
94 100
65 32.0 11.0 51.0
66 44.2 22.1 62.1





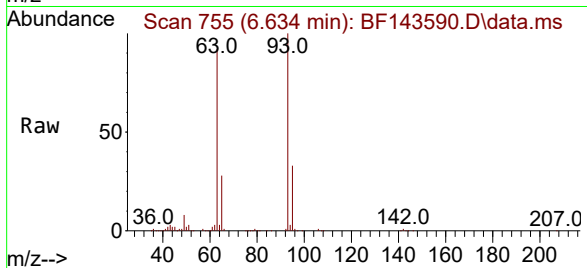
#11
bis(2-Chloroethyl)ether
Concen: 46.240 ng
RT: 6.634 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



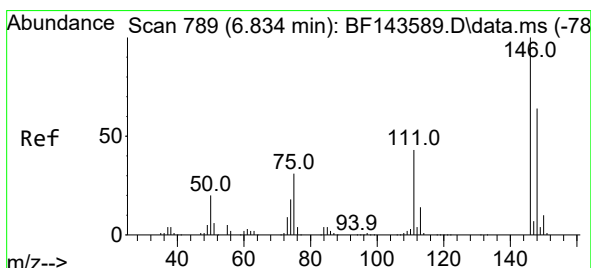
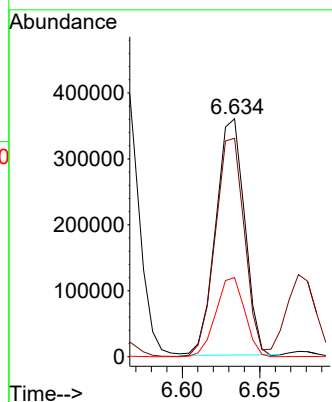
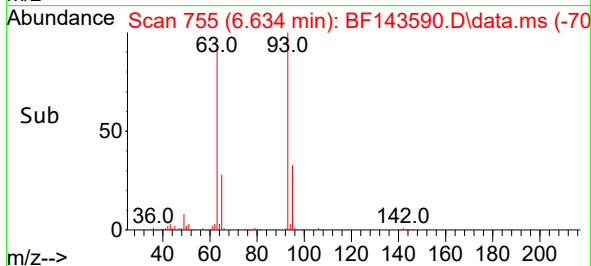
Tgt Ion: 93 Resp: 464124
Ion Ratio Lower Upper
93 100
63 91.8 72.1 112.1
95 33.3 12.8 52.8

Manual Integrations

APPROVED

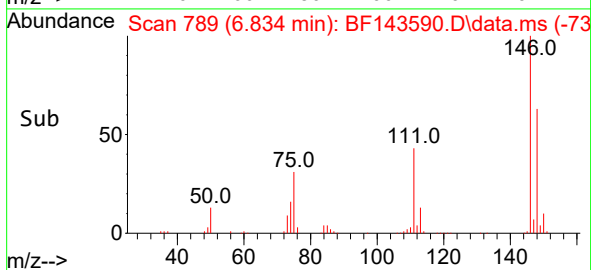
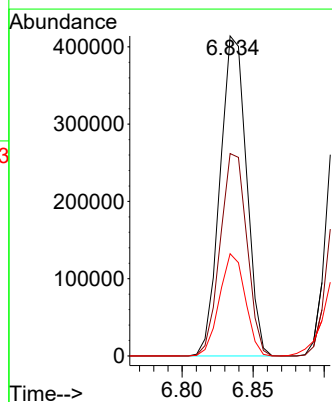
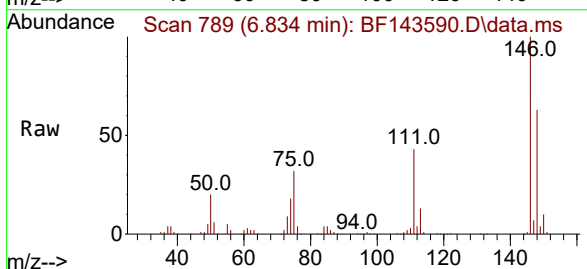
Reviewed By :Rahul Chavli 08/27/2025

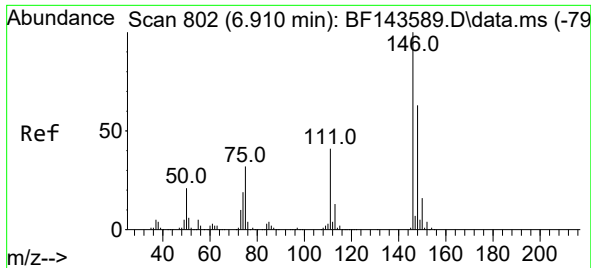
Supervised By :Jagrut Upadhyay 08/27/2025



#12
1,3-Dichlorobenzene
Concen: 46.884 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:146 Resp: 537267
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
75 32.0 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 46.128 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

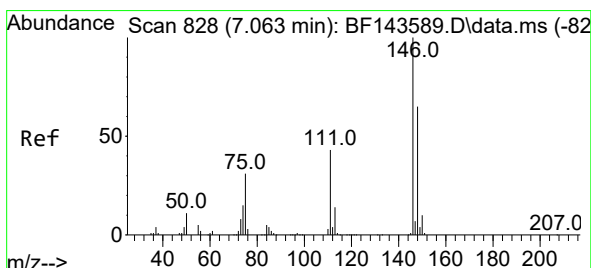
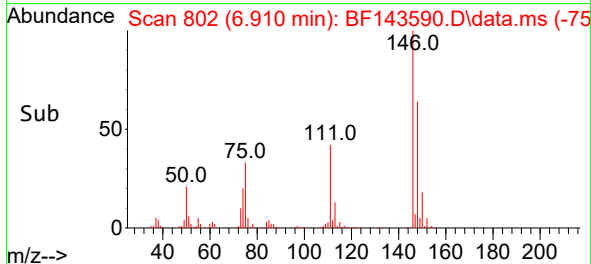
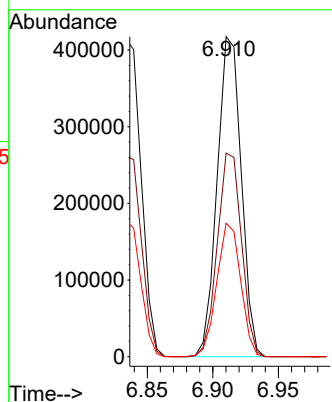
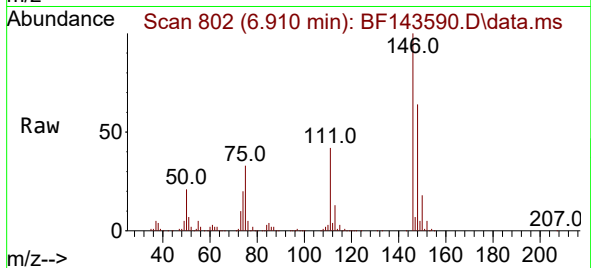
SSTDICC050

Tgt Ion:146 Resp: 533010
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 41.7 32.4 48.6

Manual Integrations

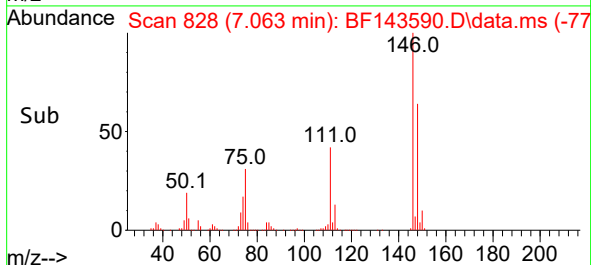
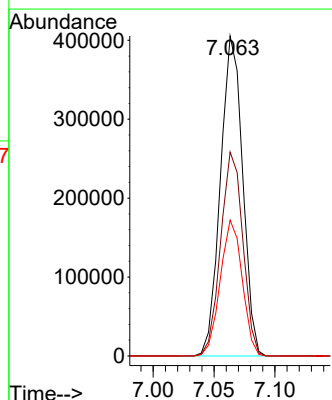
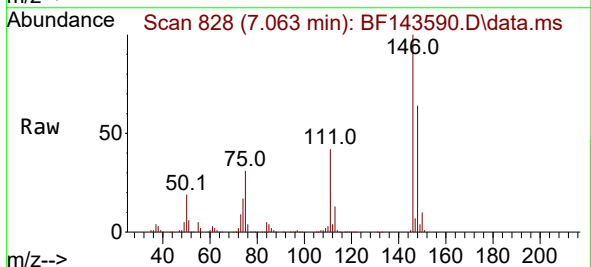
APPROVED

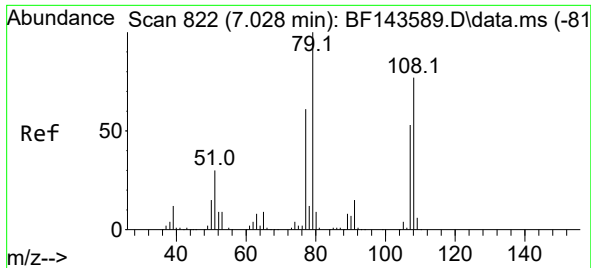
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#14
1,2-Dichlorobenzene
Concen: 46.873 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

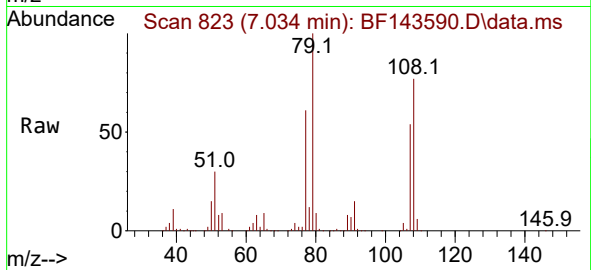
Tgt Ion:146 Resp: 513749
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
111 42.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 49.249 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

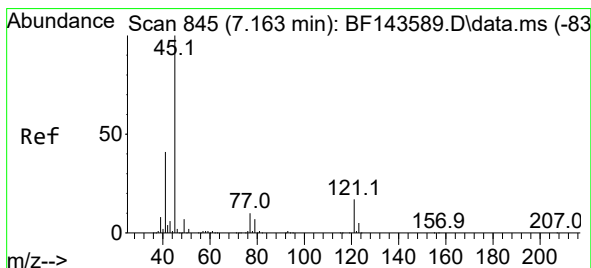
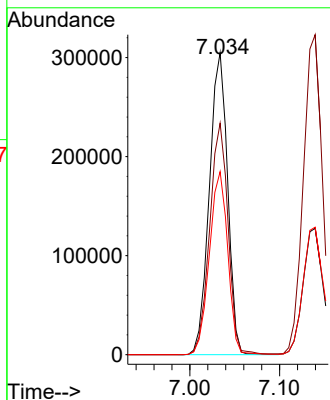
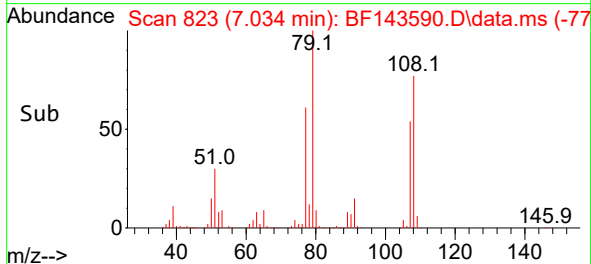
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



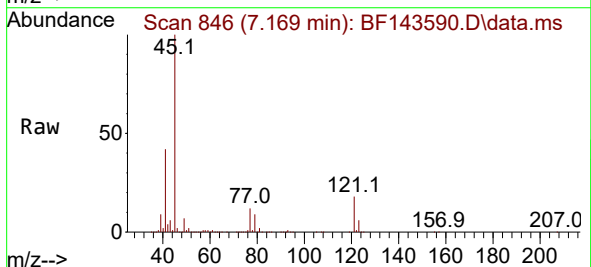
Tgt Ion: 79 Resp: 431070
Ion Ratio Lower Upper
79 100
108 76.6 61.3 91.9
77 60.6 48.7 73.1

Manual Integrations
APPROVED

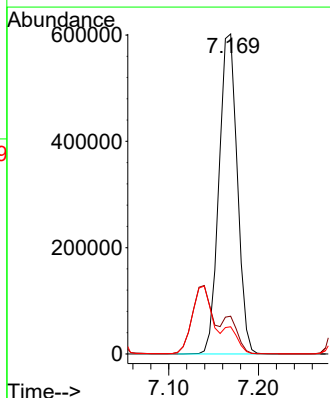
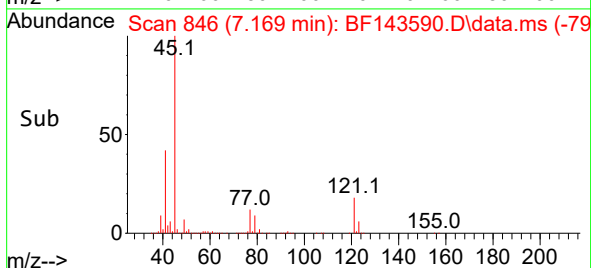
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

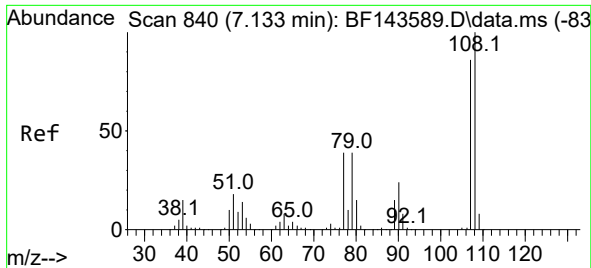


#16
2,2'-oxybis(1-chloropropane)
Concen: 45.913 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



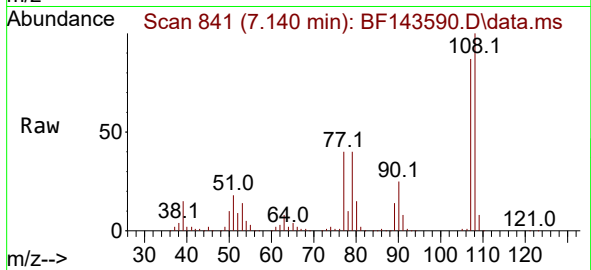
Tgt Ion: 45 Resp: 850661
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.1
79 8.5 0.0 28.1





#17
2-Methylphenol
Concen: 48.195 ng
RT: 7.140 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

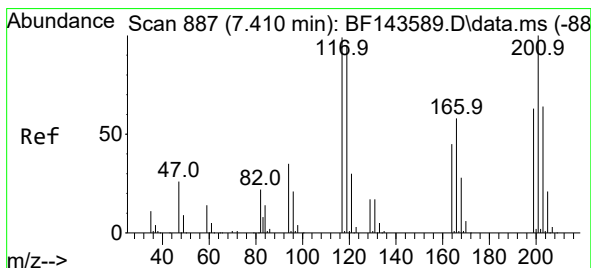
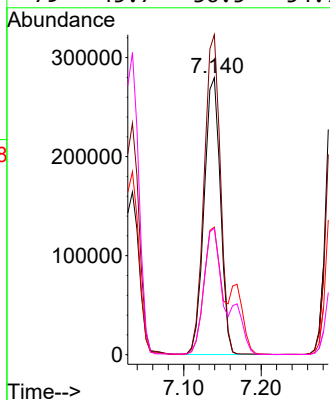
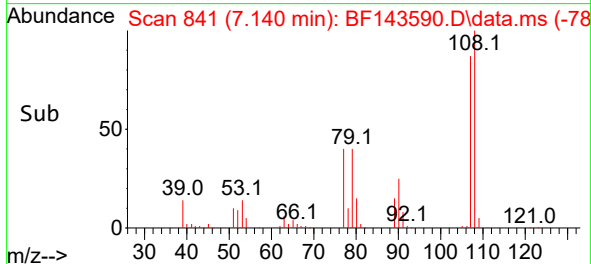
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 40816
Ion Ratio Lower Upper
107 100
108 115.6 92.6 138.8
77 46.0 36.3 54.5
79 45.7 36.5 54.7

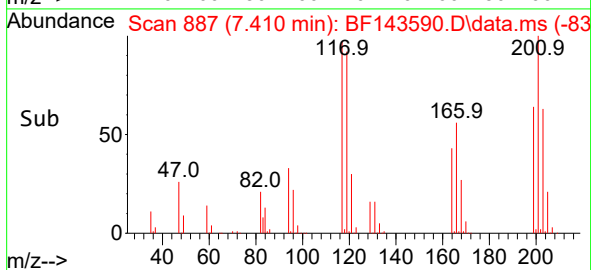
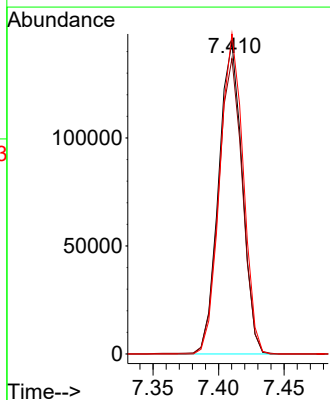
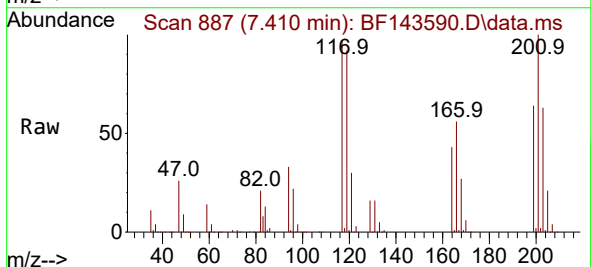
Manual Integrations
APPROVED

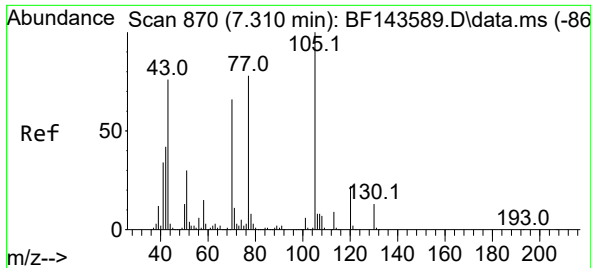
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#18
Hexachloroethane
Concen: 49.036 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:117 Resp: 180037
Ion Ratio Lower Upper
117 100
119 94.8 76.6 115.0
201 102.7 81.0 121.4





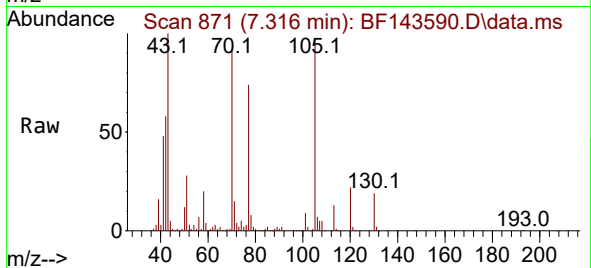
#19
n-Nitroso-di-n-propylamine
Concen: 46.651 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



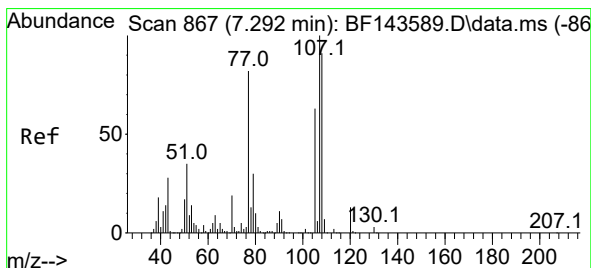
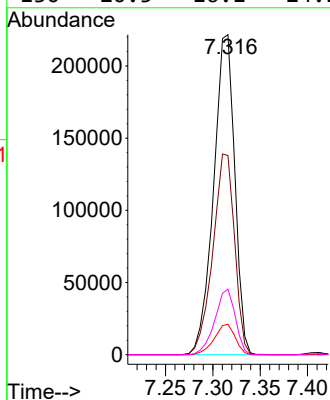
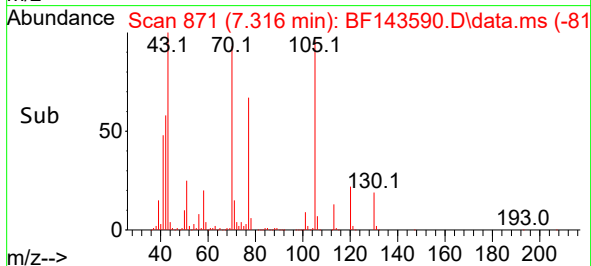
Tgt Ion: 70 Resp: 34515
Ion Ratio Lower Upper
70 100
42 62.3 50.6 75.8
101 9.5 7.5 11.3
130 20.5 16.1 24.1

Manual Integrations

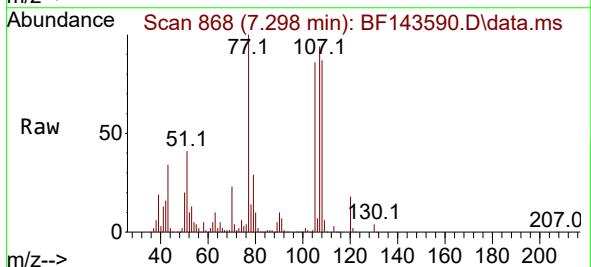
APPROVED

Reviewed By :Rahul Chavli 08/27/2025

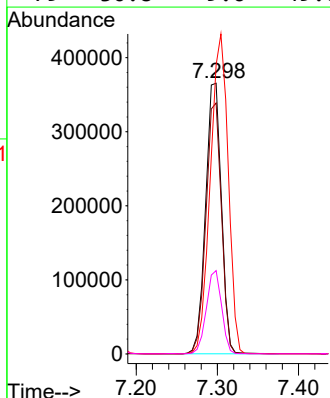
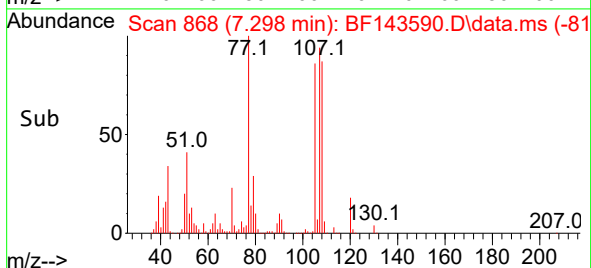
Supervised By :Jagrut Upadhyay 08/27/2025

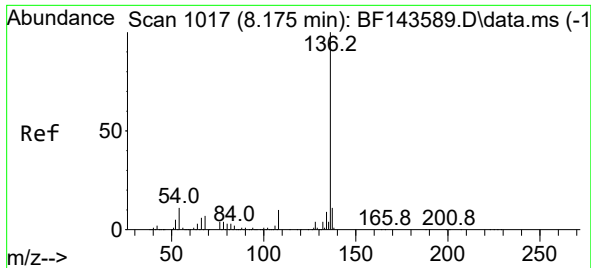


#20
3+4-Methylphenols
Concen: 47.347 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:107 Resp: 492496
Ion Ratio Lower Upper
107 100
108 92.8 71.1 111.1
77 106.7 62.5 102.5#
79 30.8 9.6 49.6





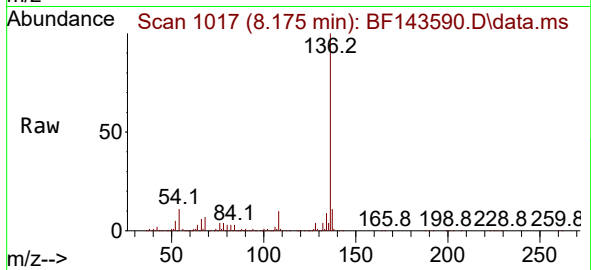
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



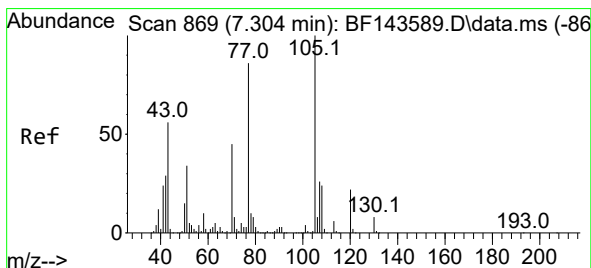
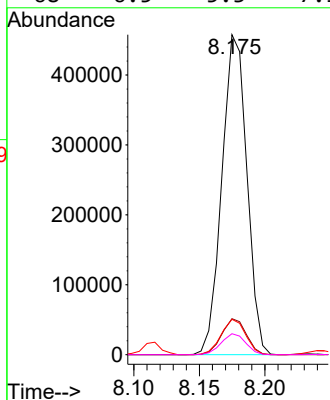
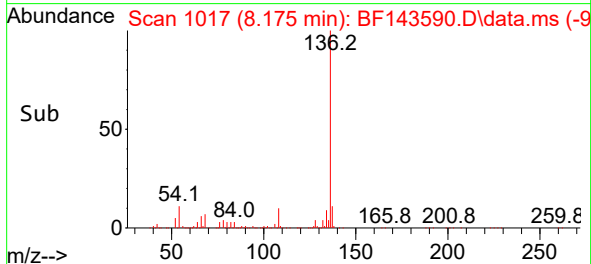
Tgt Ion:136 Resp: 606898
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 11.0 9.0 13.6
68 6.5 5.3 7.9

Manual Integrations

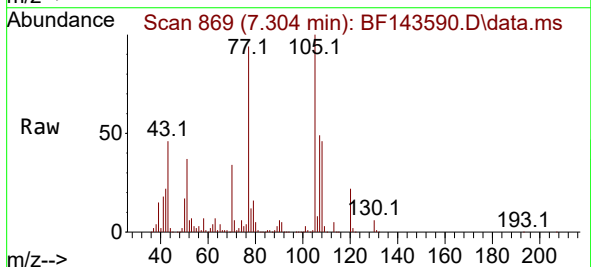
APPROVED

Reviewed By :Rahul Chavli 08/27/2025

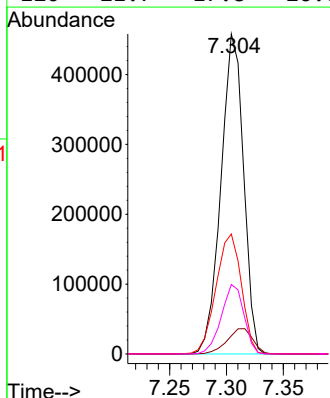
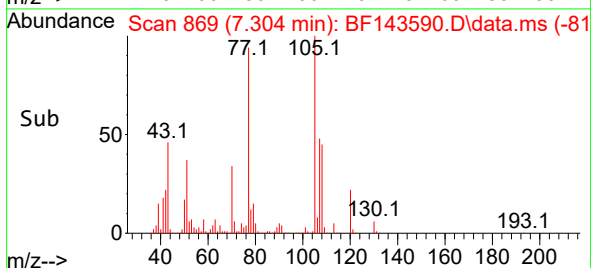
Supervised By :Jagrut Upadhyay 08/27/2025

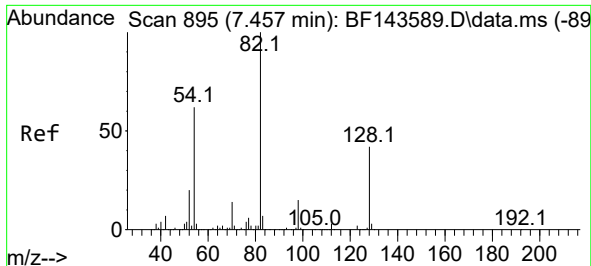


#22
Acetophenone
Concen: 46.424 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:105 Resp: 634514
Ion Ratio Lower Upper
105 100
71 5.7 6.0 9.0#
51 37.5 27.0 40.6
120 21.7 17.8 26.6





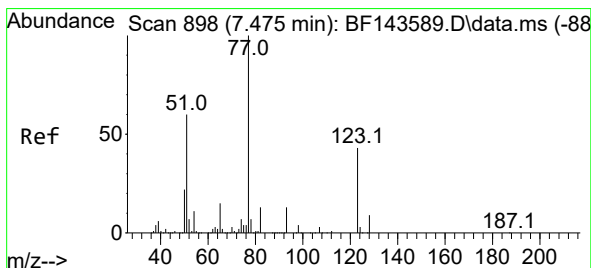
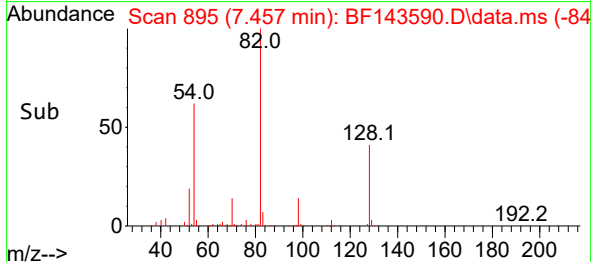
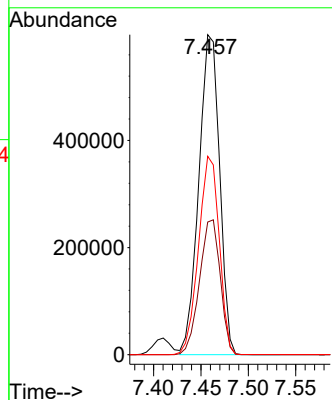
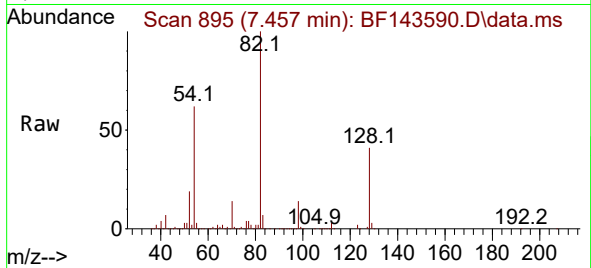
#23
Nitrobenzene-d5
Concen: 107.018 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 909639
Ion Ratio Lower Upper
82 100
128 41.5 33.4 50.2
54 62.0 49.3 73.9

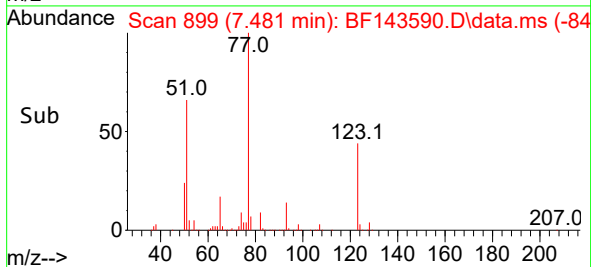
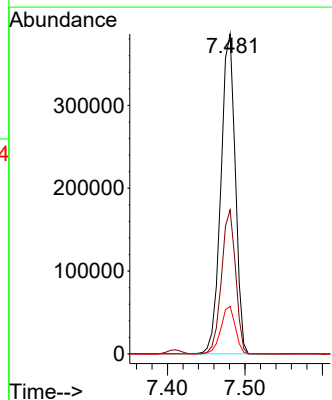
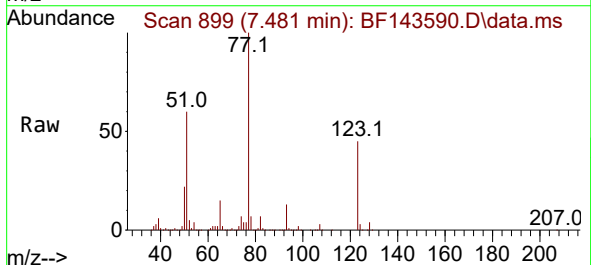
Manual Integrations
APPROVED

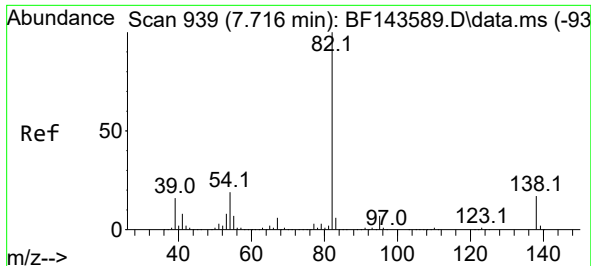
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#24
Nitrobenzene
Concen: 54.694 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion: 77 Resp: 498416
Ion Ratio Lower Upper
77 100
123 45.0 34.9 52.3
65 14.9 12.0 18.0





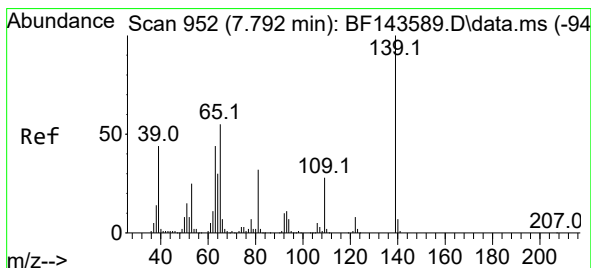
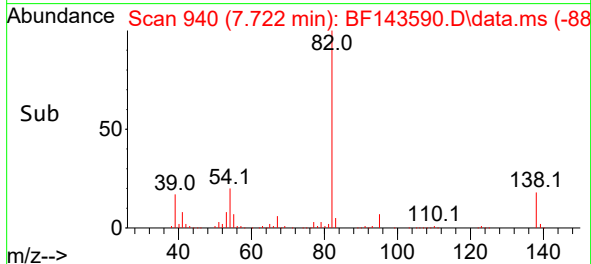
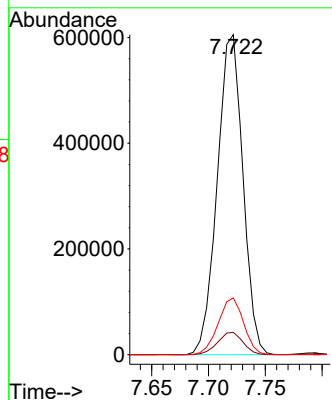
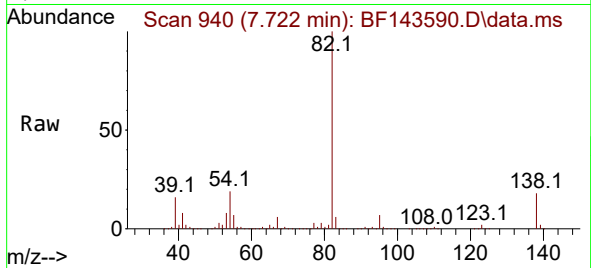
#25
Isophorone
Concen: 47.887 ng
RT: 7.722 min Scan# 940
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :
BNA_F
Client Sample Id :
SSTDICC050

Tgt Ion: 82 Resp: 95254
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 13.8 20.8

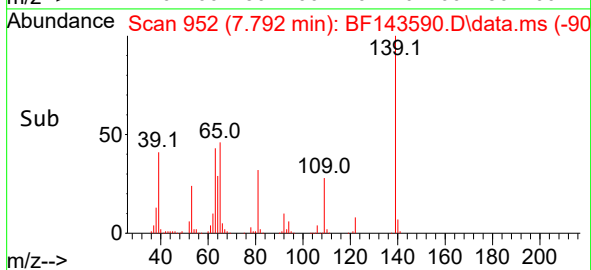
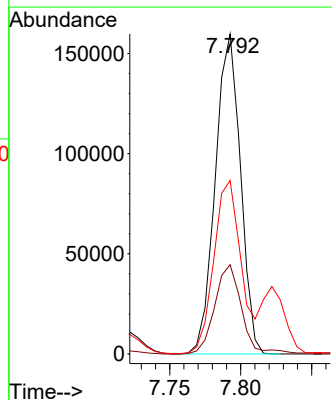
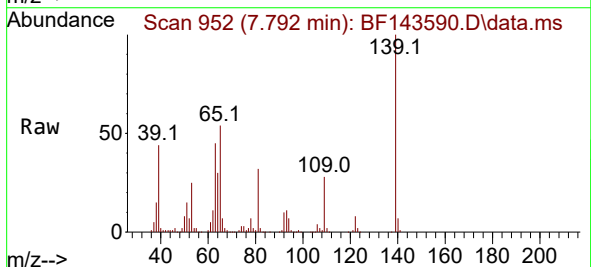
Manual Integrations
APPROVED

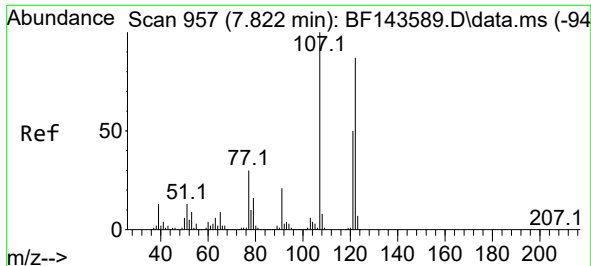
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#26
2-Nitrophenol
Concen: 51.520 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:139 Resp: 196734
Ion Ratio Lower Upper
139 100
109 27.9 22.3 33.5
65 54.2 44.0 66.0





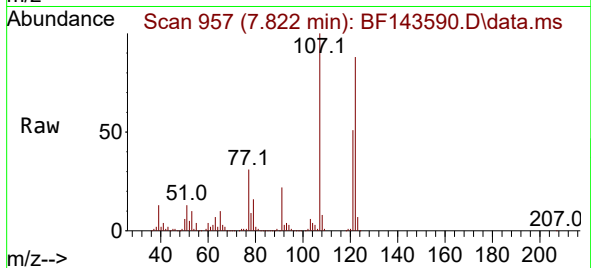
#27
2,4-Dimethylphenol
Concen: 49.469 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



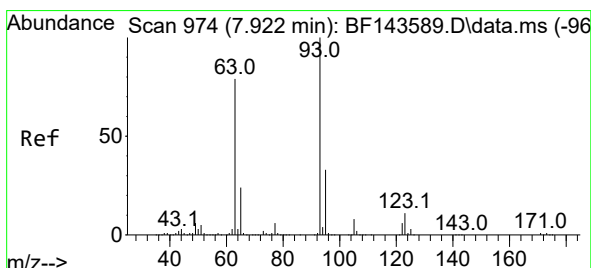
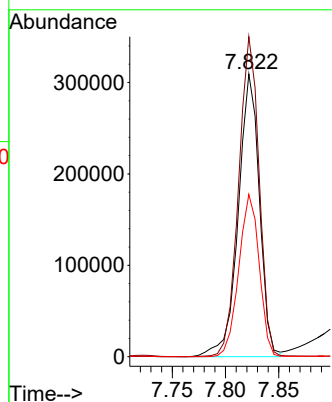
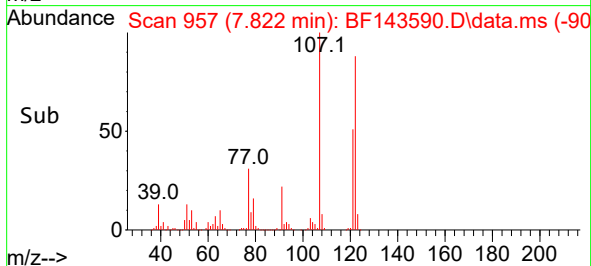
Tgt Ion:122 Resp: 428130
Ion Ratio Lower Upper
122 100
107 113.2 92.1 138.1
121 57.4 46.2 69.4

Manual Integrations

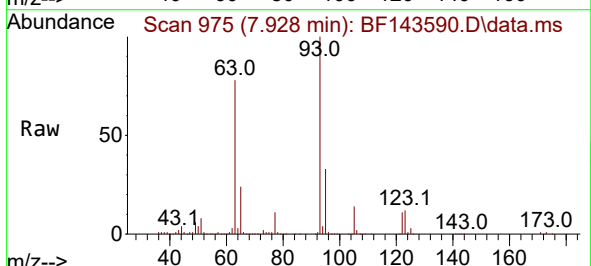
APPROVED

Reviewed By :Rahul Chavli 08/27/2025

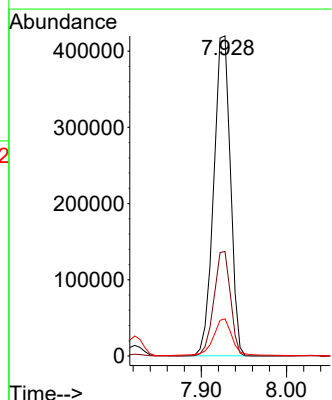
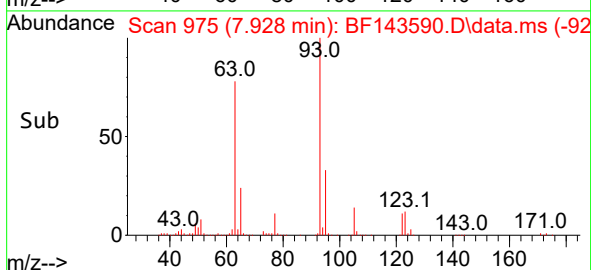
Supervised By :Jagrut Upadhyay 08/27/2025

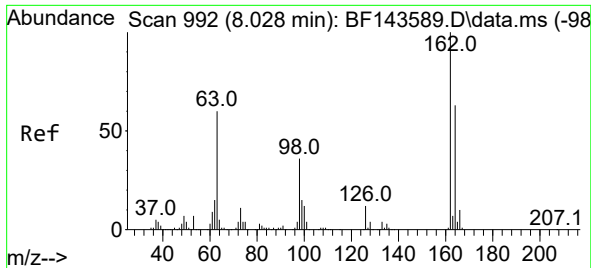


#28
bis(2-Chloroethoxy)methane
Concen: 47.480 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion: 93 Resp: 571397
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 11.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 49.659 ng

RT: 8.028 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF143590.D

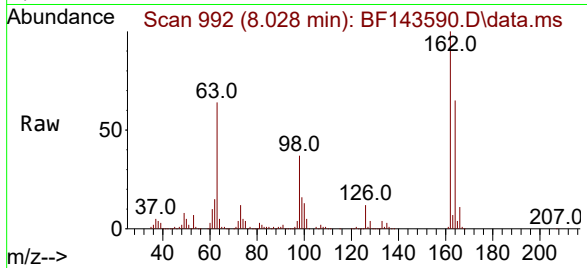
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 41408

Ion Ratio Lower Upper

162 100

164 64.6 43.3 83.3

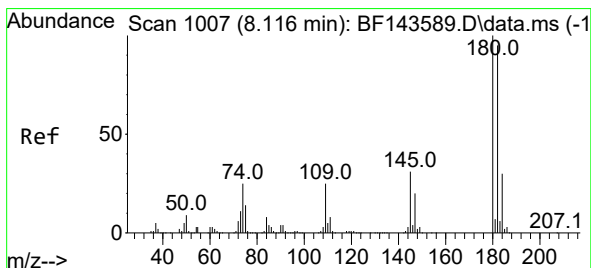
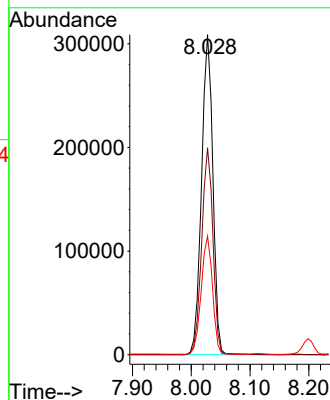
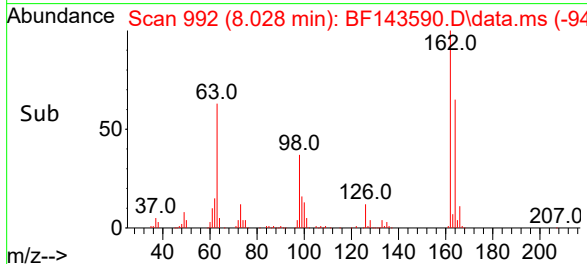
98 37.0 16.1 56.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.948 ng

RT: 8.116 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

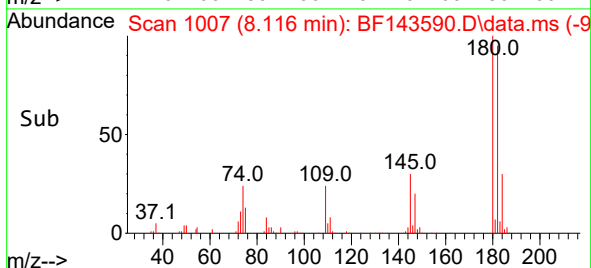
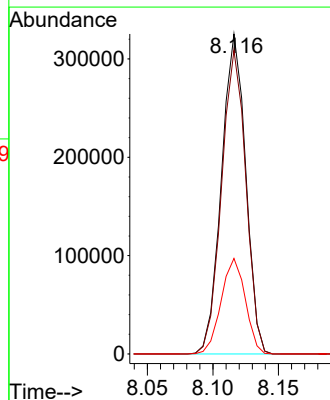
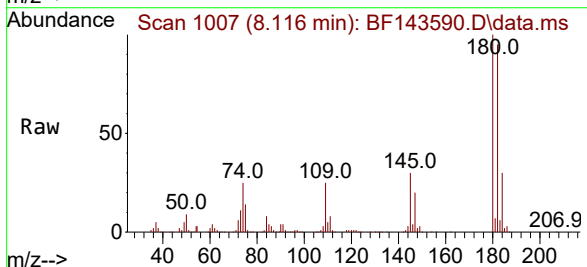
Tgt Ion:180 Resp: 417445

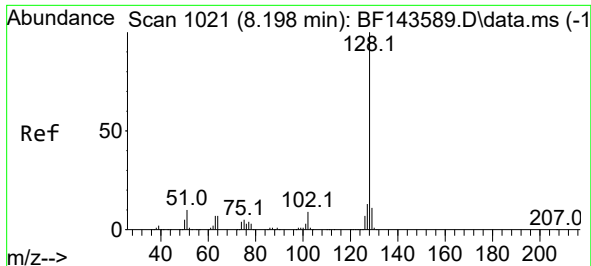
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

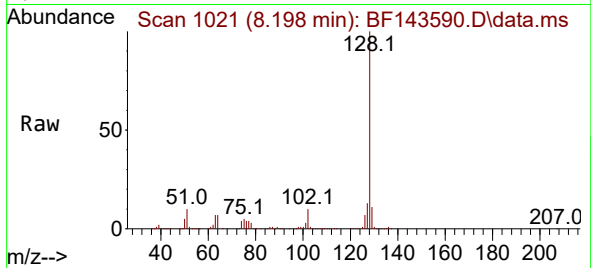
145 29.9 24.5 36.7





#31
Naphthalene
Concen: 46.546 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

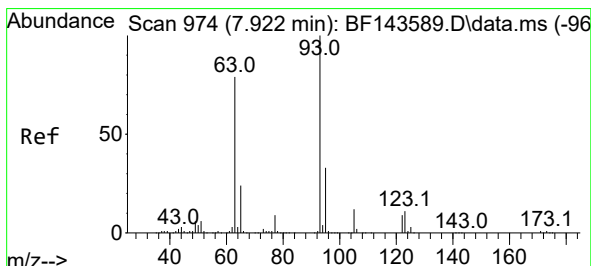
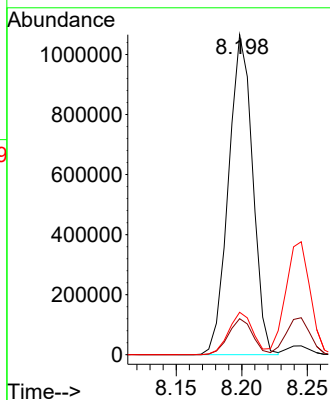
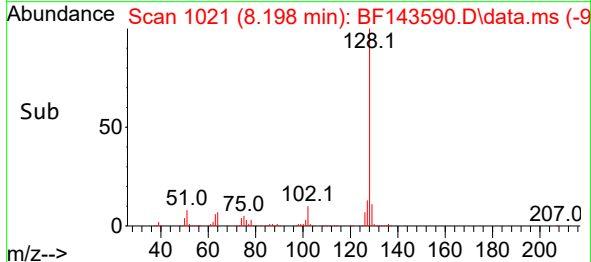
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



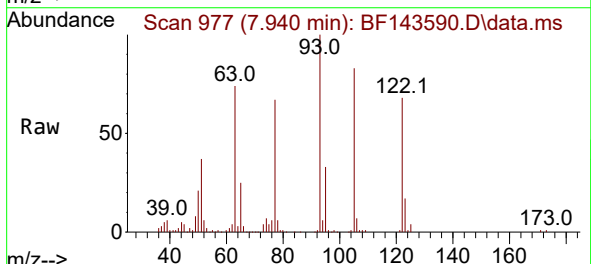
Tgt Ion:128 Resp: 1364825
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.6 15.8

Manual Integrations
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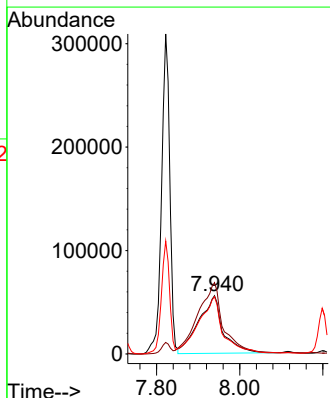
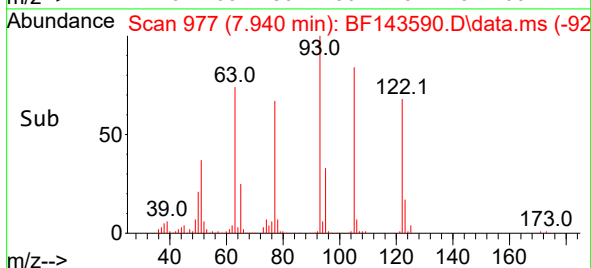
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

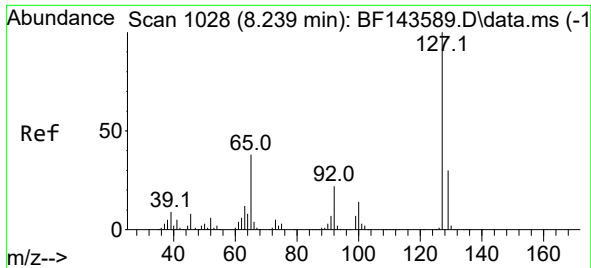


#32
Benzoic acid
Concen: 50.621 ng
RT: 7.940 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:122 Resp: 227931
Ion Ratio Lower Upper
122 100
105 122.6 106.4 146.4
77 98.2 79.3 119.3





#33
4-Chloroaniline
Concen: 47.567 ng
RT: 8.245 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

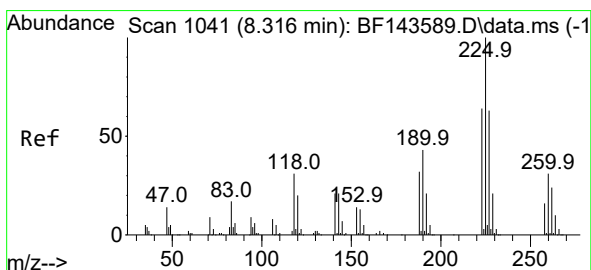
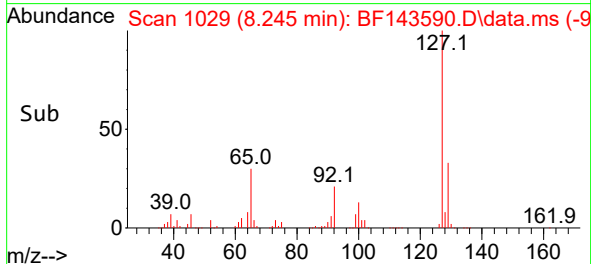
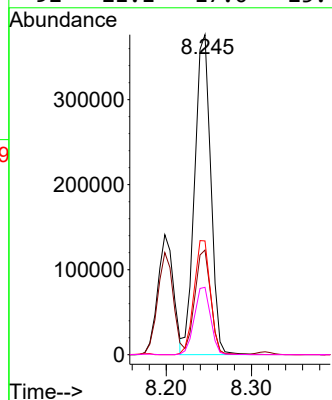
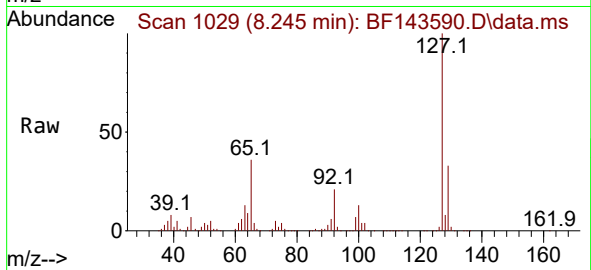
SSTDICC050

Tgt Ion:127 Resp: 492740
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.6
65 35.5 29.7 44.5
92 21.1 17.0 25.4

Manual Integrations

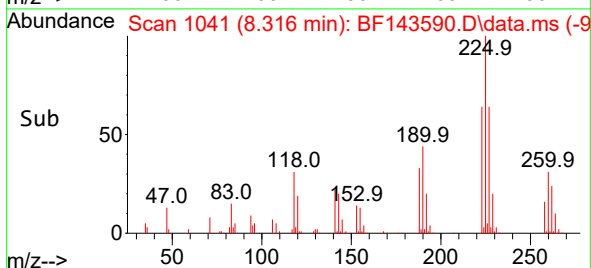
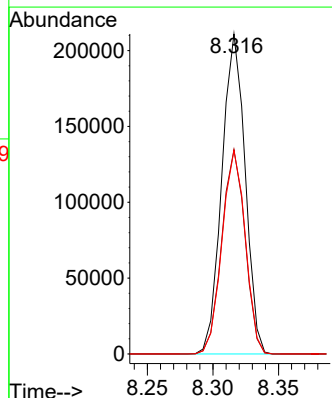
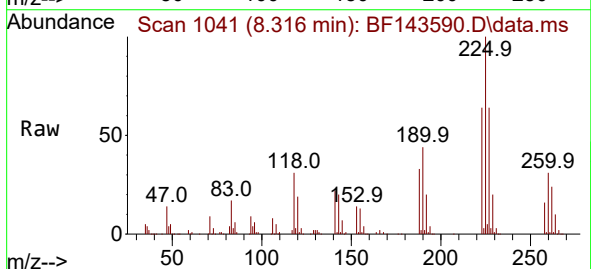
APPROVED

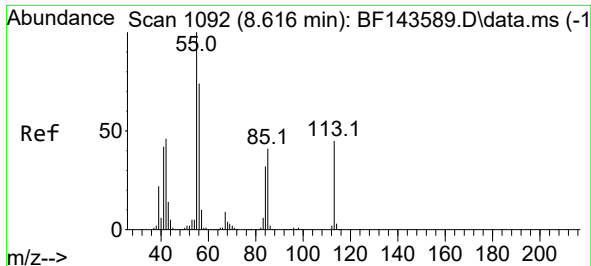
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#34
Hexachlorobutadiene
Concen: 47.388 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

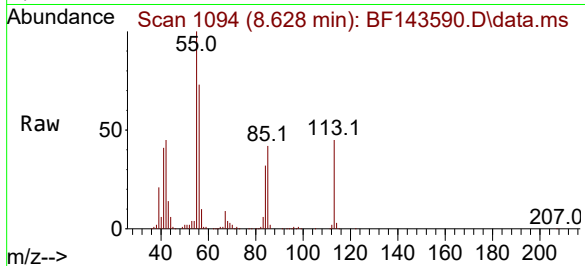
Tgt Ion:225 Resp: 259975
Ion Ratio Lower Upper
225 100
223 63.9 50.8 76.2
227 63.6 50.6 76.0





#35
Caprolactam
Concen: 50.629 ng
RT: 8.628 min Scan# 1094
Delta R.T. 0.012 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

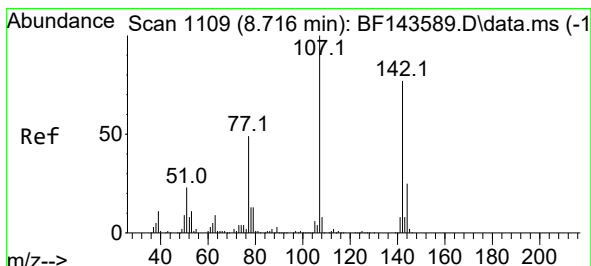
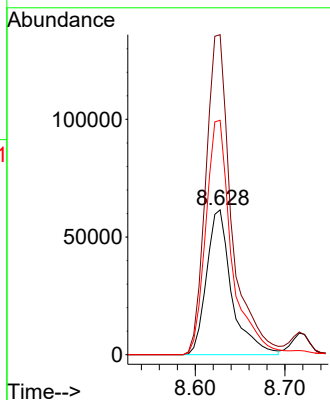
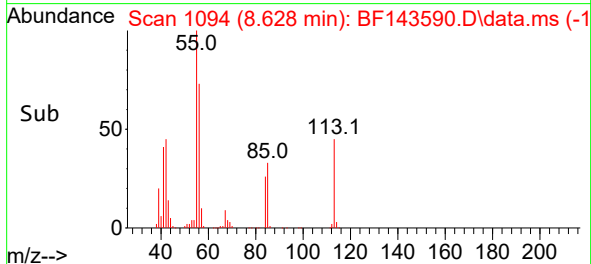
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 11993
Ion Ratio Lower Upper
113 100
55 221.0 202.1 242.1
56 161.9 145.4 185.4

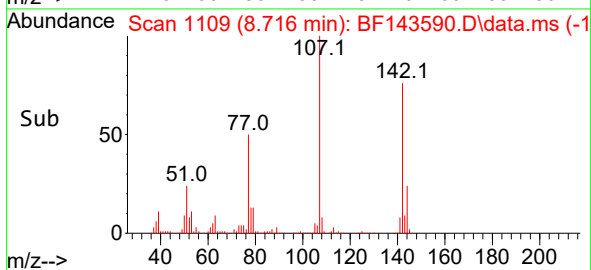
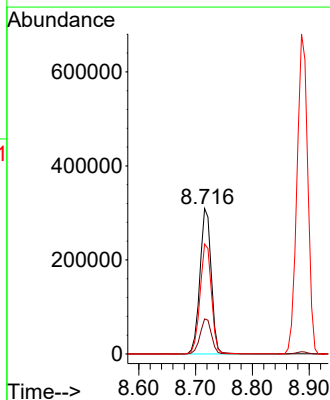
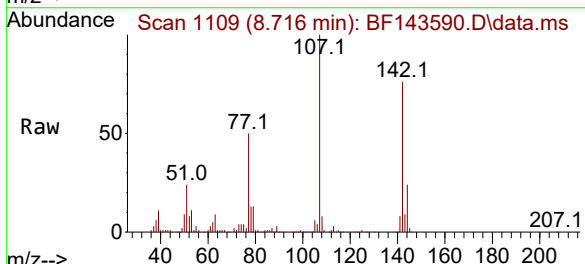
Manual Integrations
APPROVED

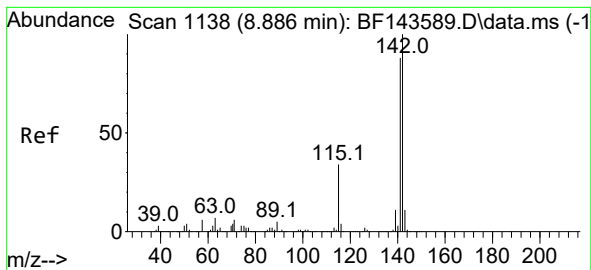
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#36
4-Chloro-3-methylphenol
Concen: 49.292 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

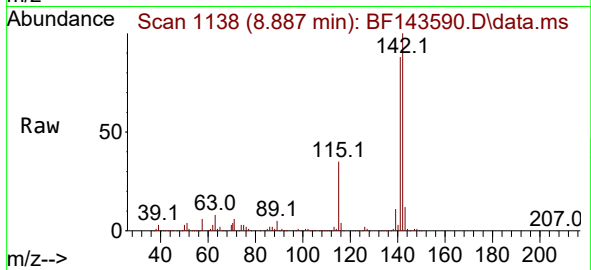
Tgt Ion:107 Resp: 429718
Ion Ratio Lower Upper
107 100
144 24.1 19.8 29.6
142 75.6 61.7 92.5





#37
2-Methylnaphthalene
Concen: 45.917 ng
RT: 8.887 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

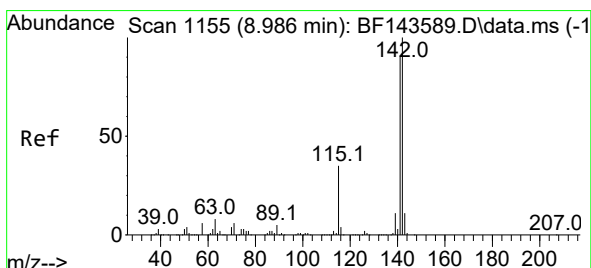
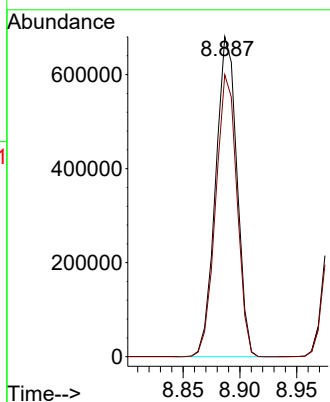
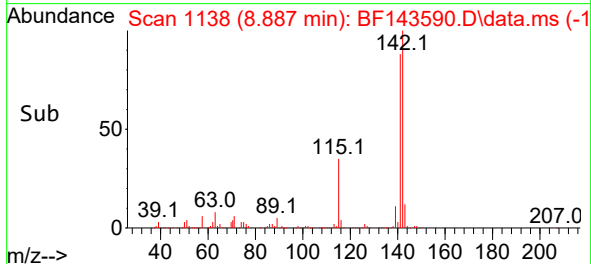
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 889148
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.4

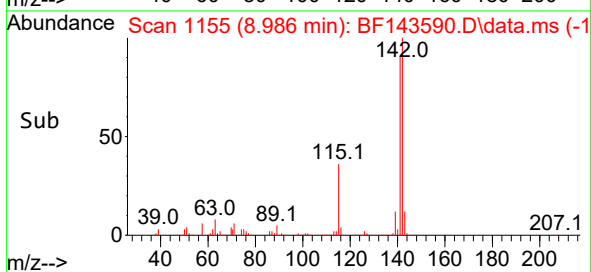
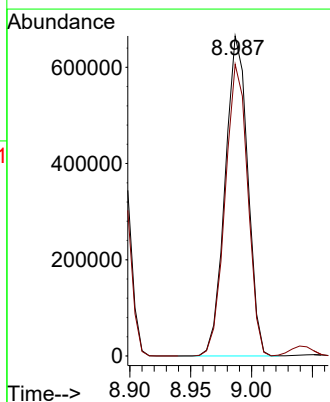
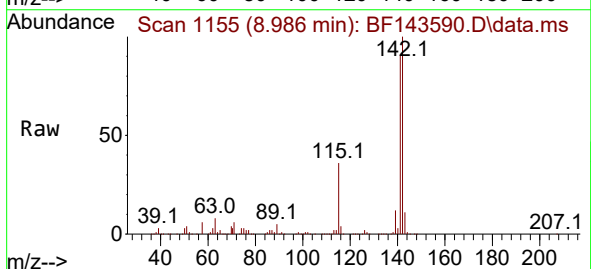
Manual Integrations
APPROVED

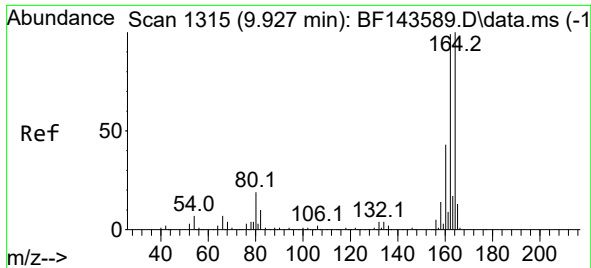
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#38
1-Methylnaphthalene
Concen: 45.955 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:142 Resp: 858840
Ion Ratio Lower Upper
142 100
141 91.1 72.6 109.0





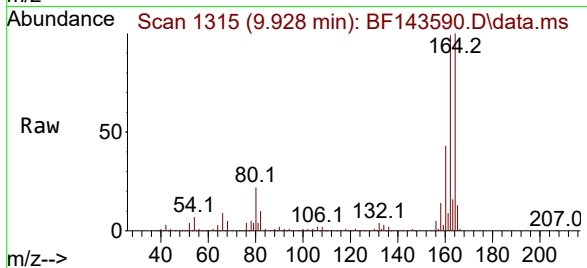
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



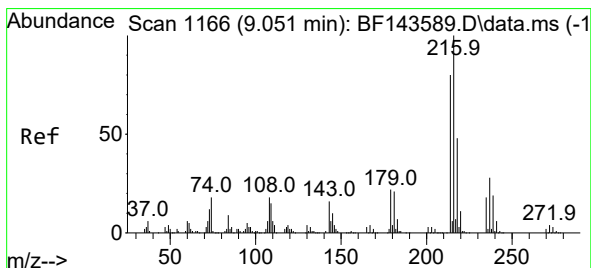
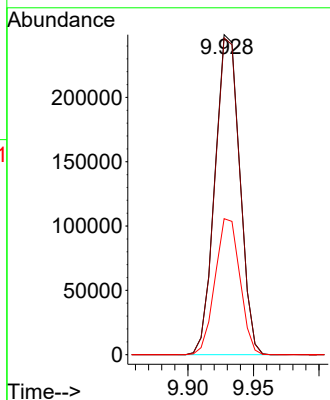
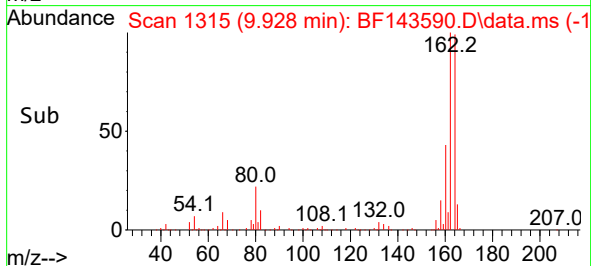
Tgt Ion:164 Resp: 32764
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 42.5 34.2 51.4

Manual Integrations

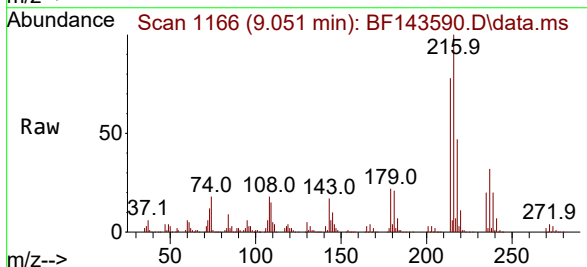
APPROVED

Reviewed By :Rahul Chavli 08/27/2025

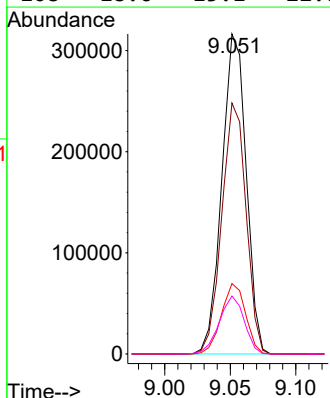
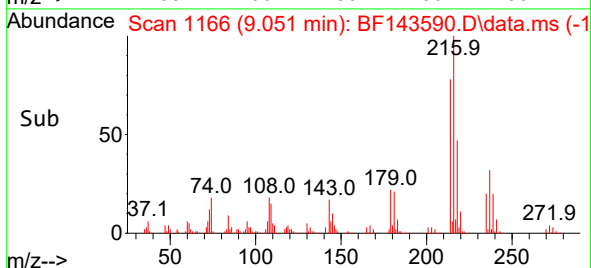
Supervised By :Jagrut Upadhyay 08/27/2025

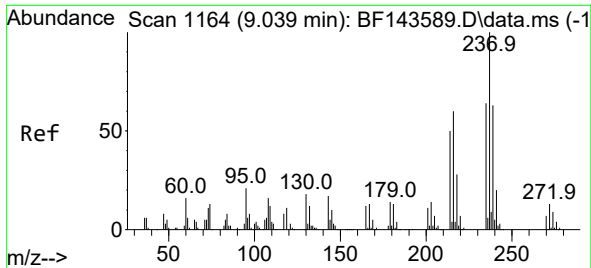


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.844 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



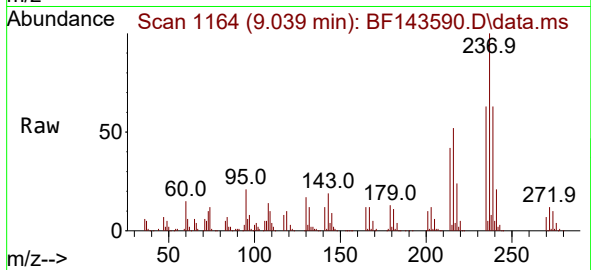
Tgt Ion:216 Resp: 407732
Ion Ratio Lower Upper
216 100
214 78.2 64.1 96.1
179 21.9 17.4 26.0
108 18.6 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 53.241 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

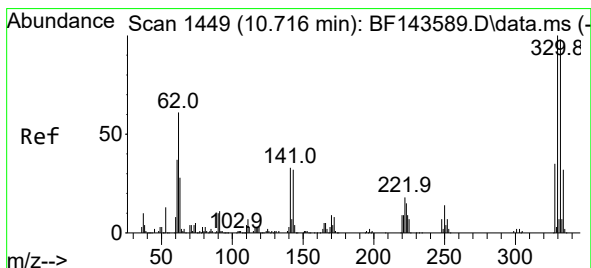
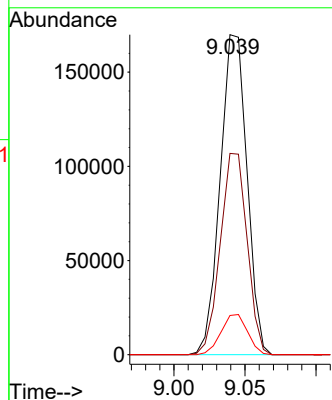
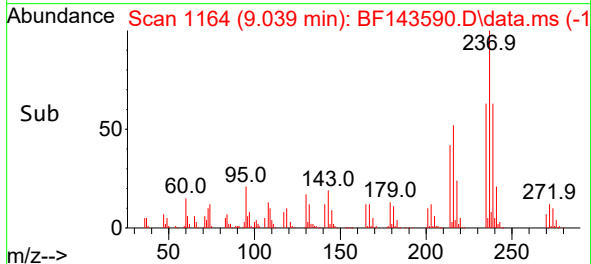
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



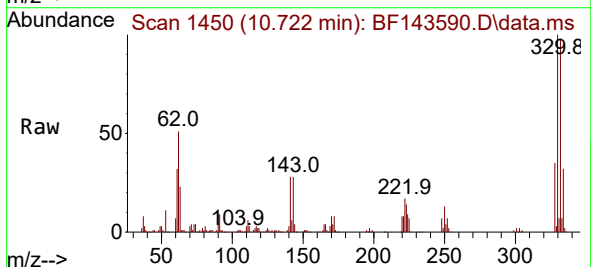
Tgt Ion:237 Resp: 223212
Ion Ratio Lower Upper
237 100
235 62.9 43.8 83.8
272 12.3 0.0 32.8

Manual Integrations
APPROVED

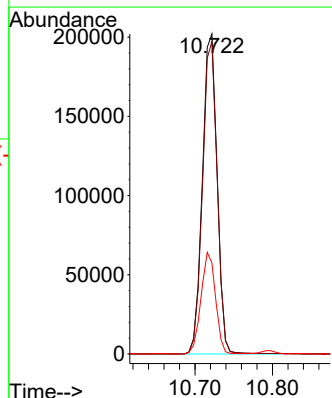
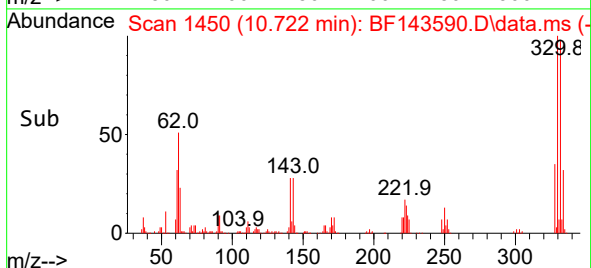
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

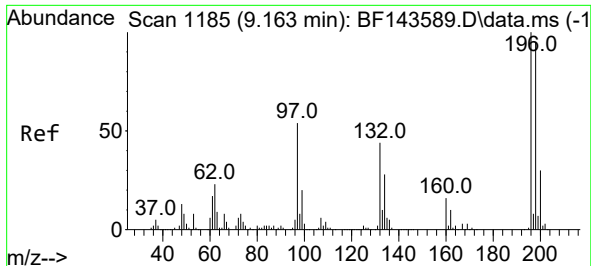


#42
2,4,6-Tribromophenol
Concen: 103.939 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



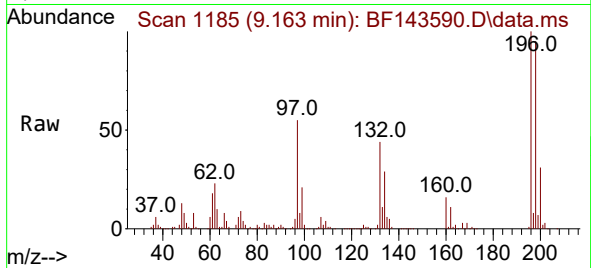
Tgt Ion:330 Resp: 266314
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 31.3 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 52.214 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

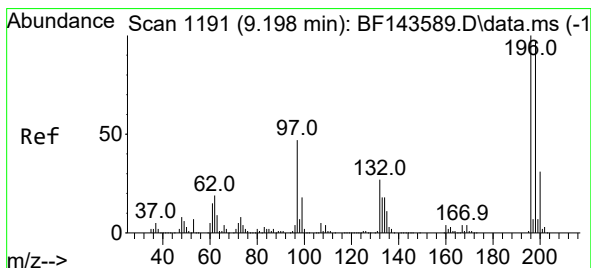
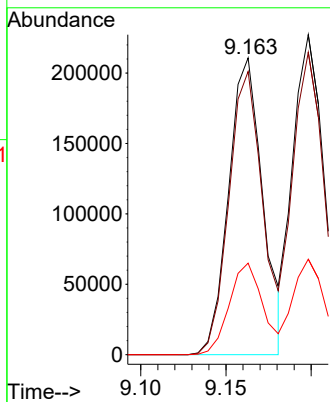
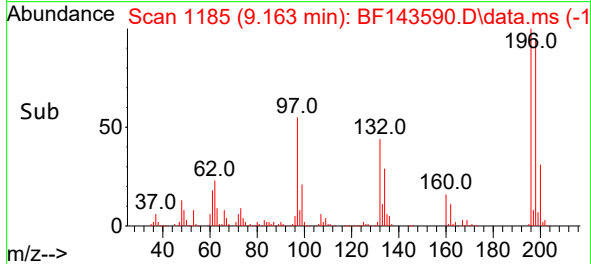
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



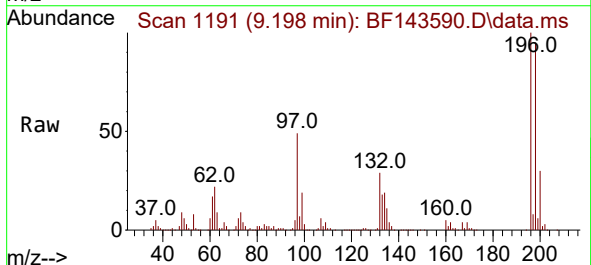
Tgt Ion:196 Resp: 29403
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.6
200 30.9 24.2 36.4

Manual Integrations
APPROVED

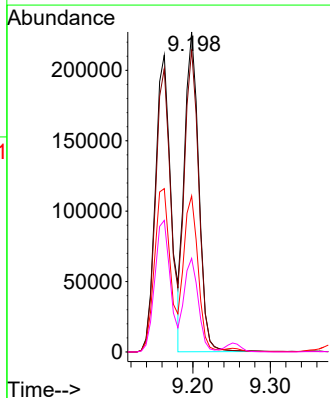
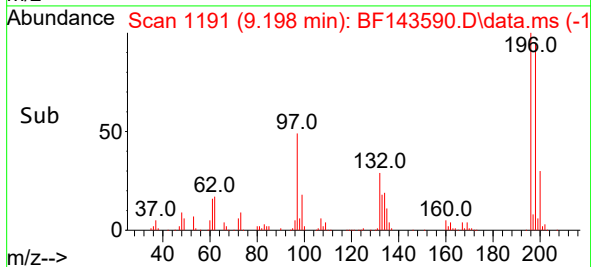
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

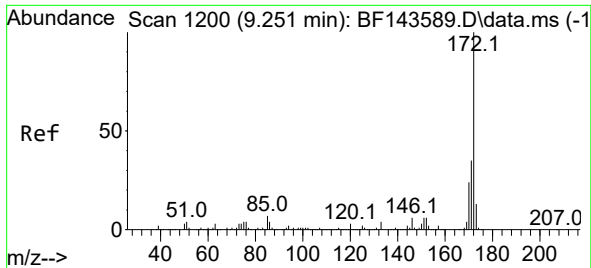


#44
2,4,5-Trichlorophenol
Concen: 51.205 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:196 Resp: 291380
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.6
97 48.7 39.3 58.9
132 29.2 23.2 34.8





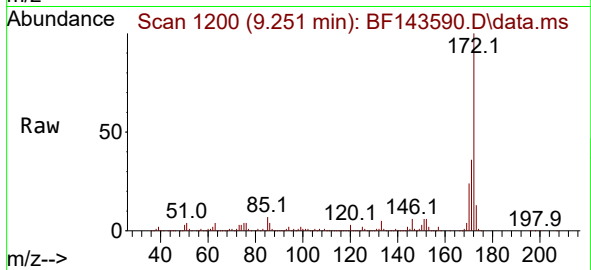
#45
2-Fluorobiphenyl
Concen: 89.002 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



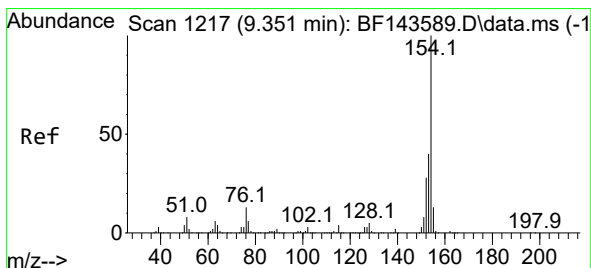
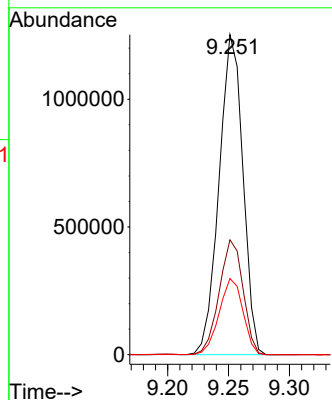
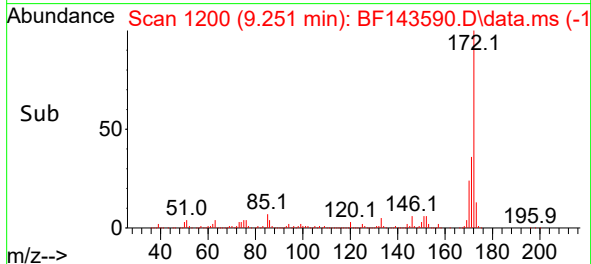
Tgt Ion:172 Resp: 170553
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.8 19.0 28.4

Manual Integrations

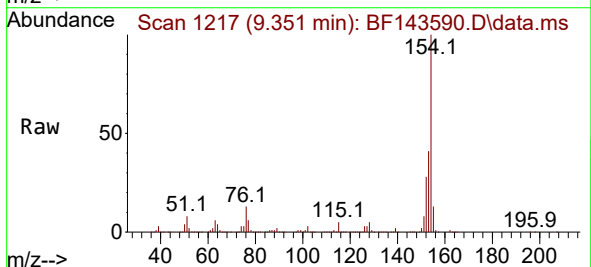
APPROVED

Reviewed By :Rahul Chavli 08/27/2025

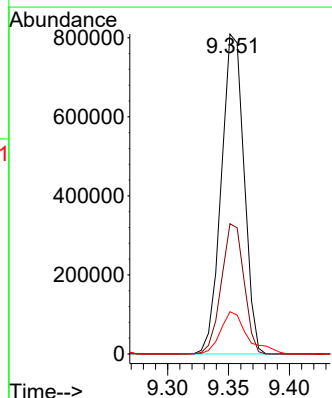
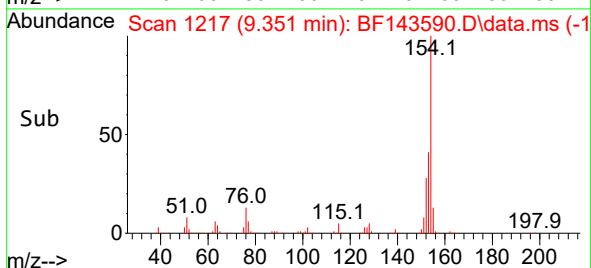
Supervised By :Jagrut Upadhyay 08/27/2025

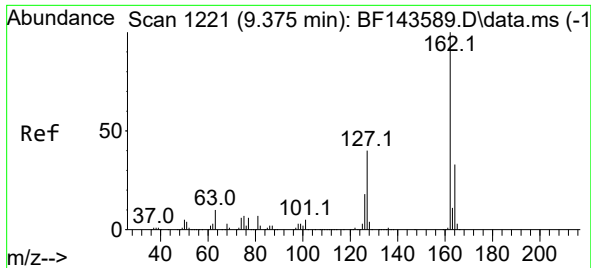


#46
1,1'-Biphenyl
Concen: 46.193 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:154 Resp: 1050153
Ion Ratio Lower Upper
154 100
153 40.7 20.1 60.1
76 13.2 0.0 33.0





#47
2-Chloronaphthalene
Concen: 47.211 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

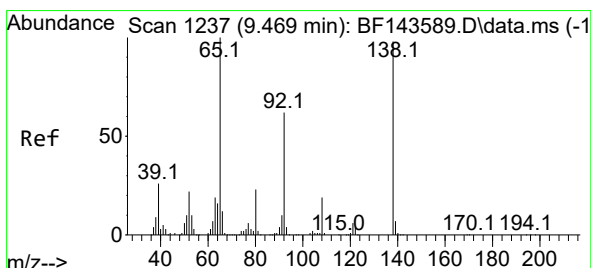
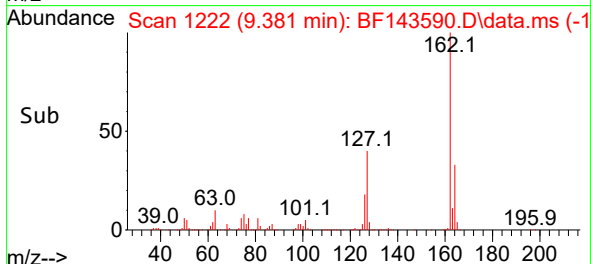
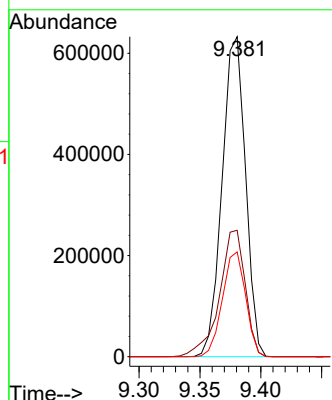
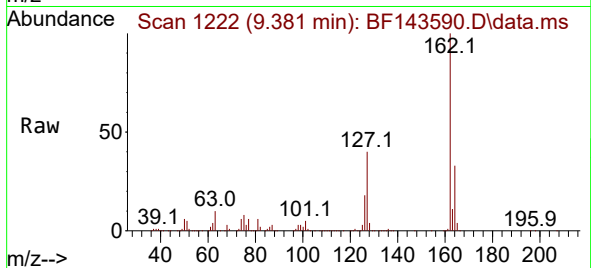
SSTDICC050

Tgt Ion:162 Resp: 84784
Ion Ratio Lower Upper
162 100
127 39.5 32.6 48.8
164 32.7 26.1 39.1

Manual Integrations

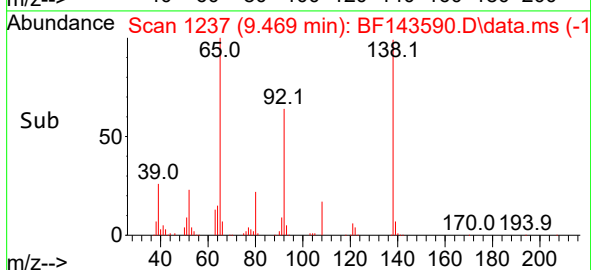
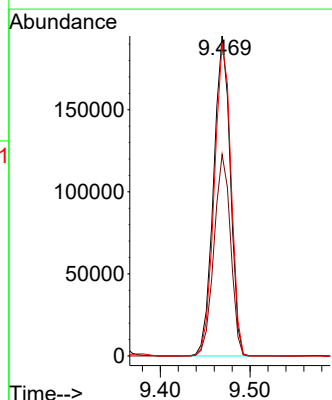
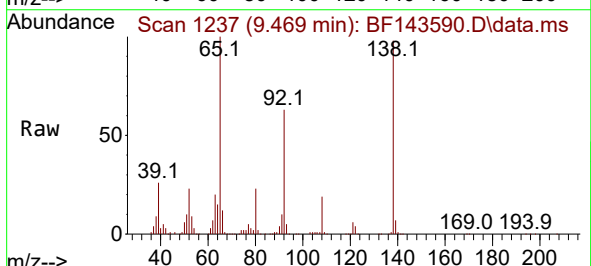
APPROVED

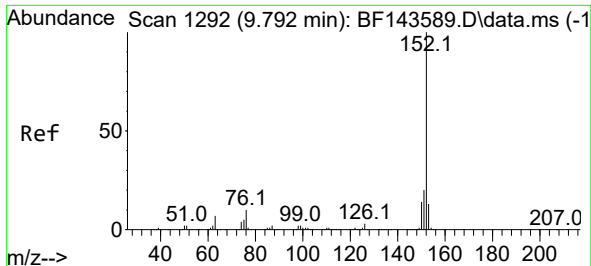
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#48
2-Nitroaniline
Concen: 50.267 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

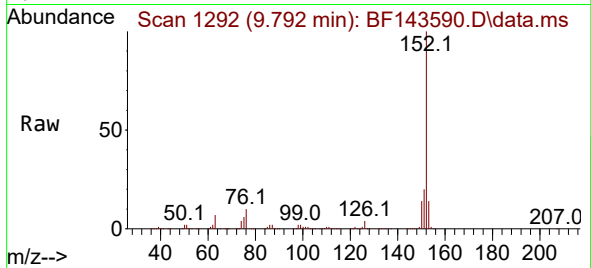
Tgt Ion: 65 Resp: 251847
Ion Ratio Lower Upper
65 100
92 63.0 49.6 74.4
138 97.8 78.6 118.0





#49
Acenaphthylene
Concen: 46.673 ng
RT: 9.792 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

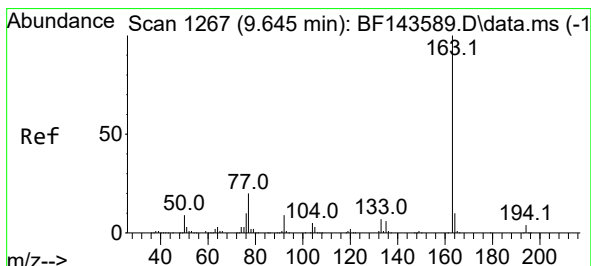
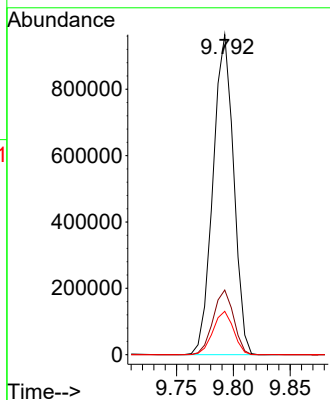
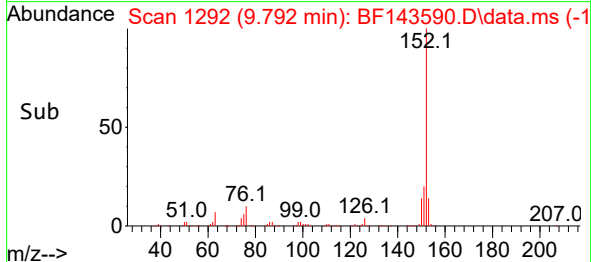
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



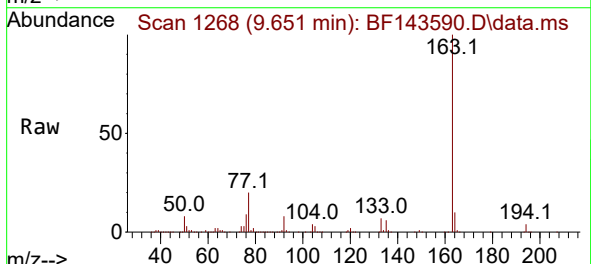
Tgt Ion:152 Resp: 121953
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.5 10.6 15.8

Manual Integrations
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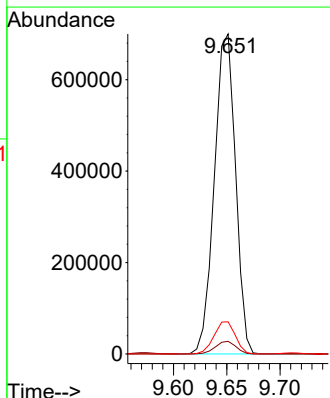
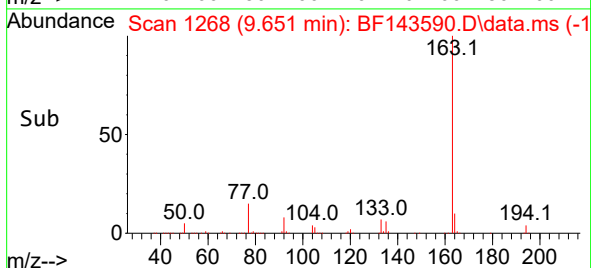
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

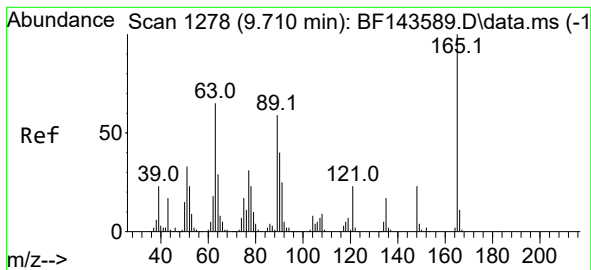


#50
Dimethylphthalate
Concen: 47.951 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



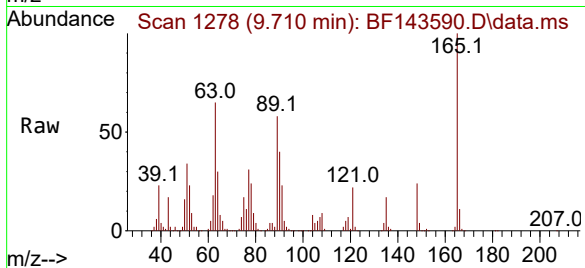
Tgt Ion:163 Resp: 966360
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 50.095 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

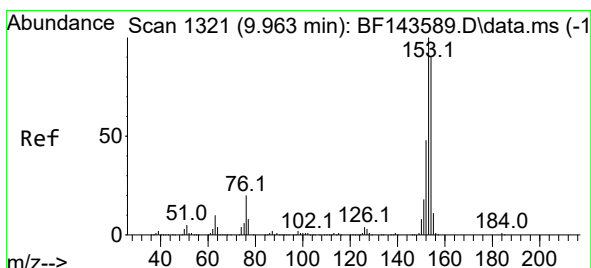
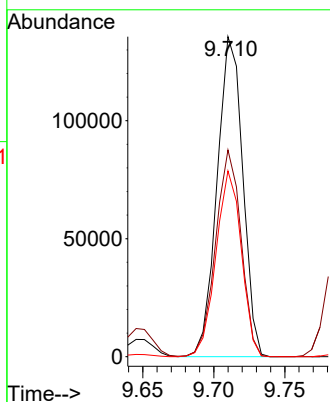
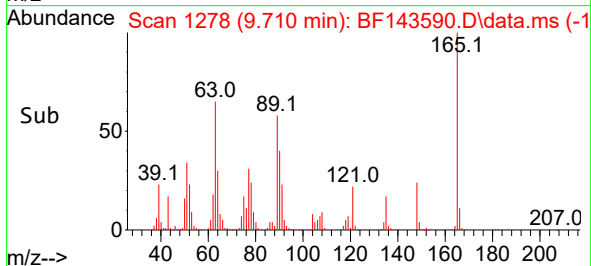
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



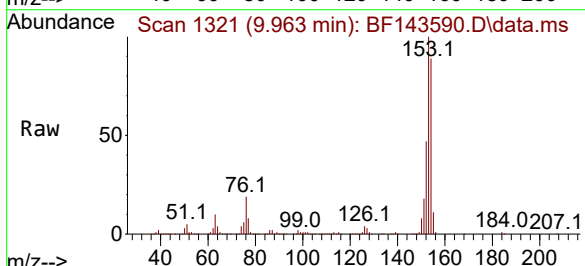
Tgt Ion:165 Resp: 17035
Ion Ratio Lower Upper
165 100
63 64.6 51.8 77.6
89 58.1 47.4 71.2

Manual Integrations
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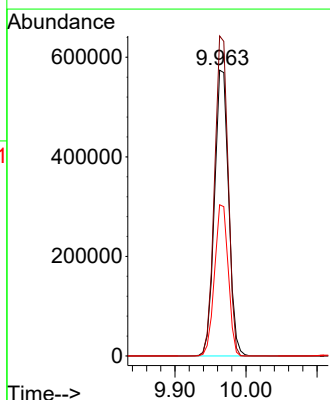
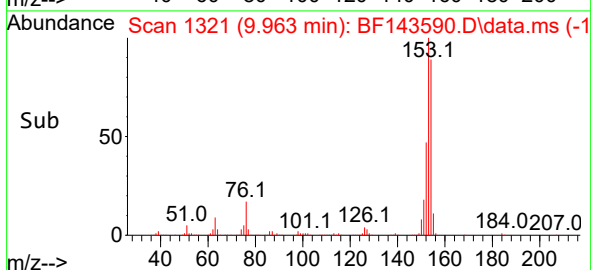
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

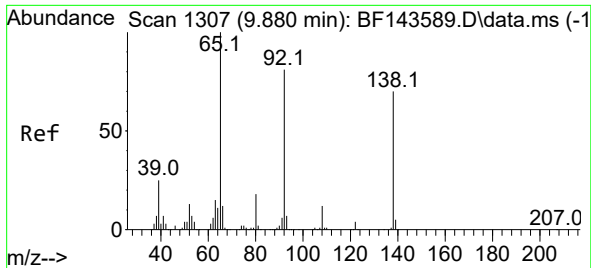


#52
Acenaphthene
Concen: 46.356 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:154 Resp: 793413
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 52.9 42.9 64.3





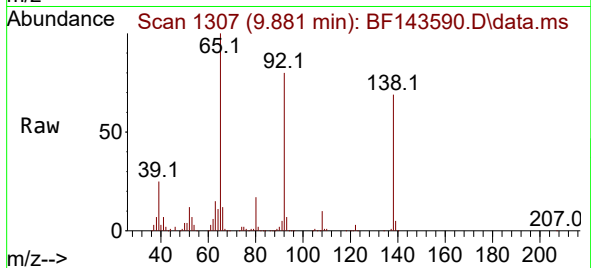
#53
3-Nitroaniline
Concen: 50.142 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



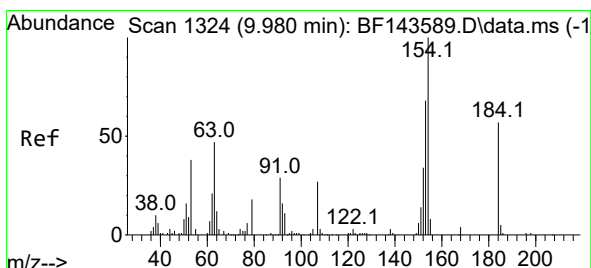
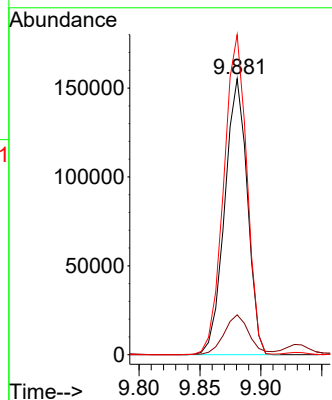
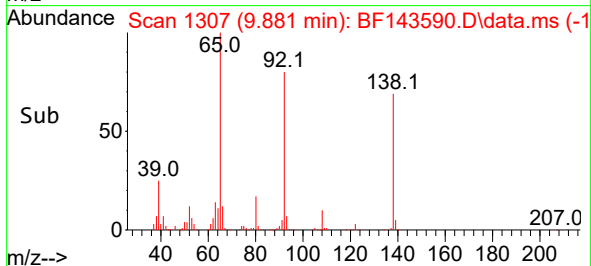
Tgt Ion:138 Resp: 201198
Ion Ratio Lower Upper
138 100
108 14.4 13.8 20.8
92 116.0 92.6 139.0

Manual Integrations

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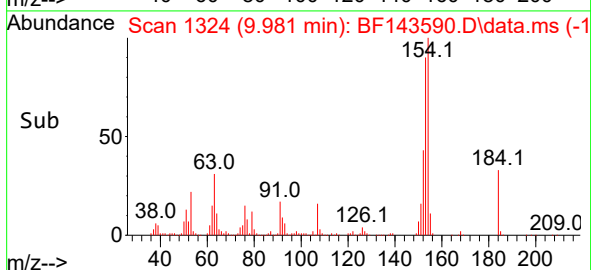
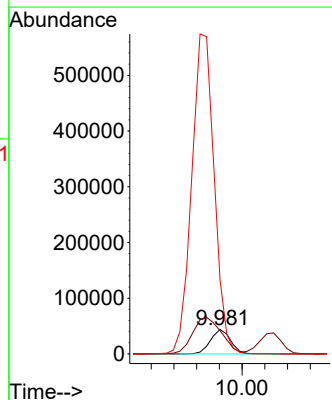
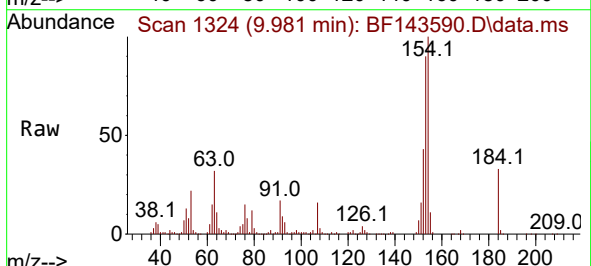
Reviewed By :Rahul Chavli 08/27/2025

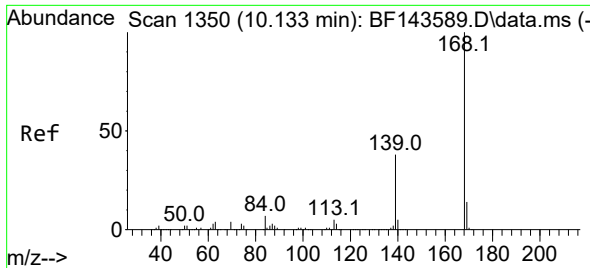
Supervised By :Jagrut Upadhyay 08/27/2025



#54
2,4-Dinitrophenol
Concen: 51.178 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

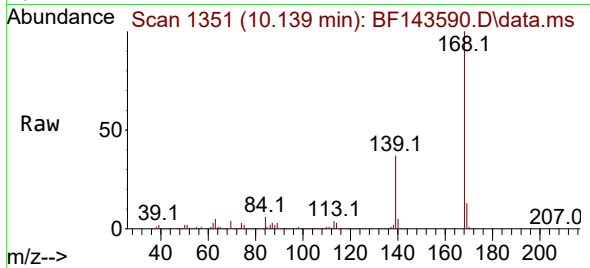
Tgt Ion:184 Resp: 53928
Ion Ratio Lower Upper
184 100
63 95.2 80.9 121.3
154 302.1 262.0 393.0





#55
Dibenzenofuran
Concen: 46.506 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

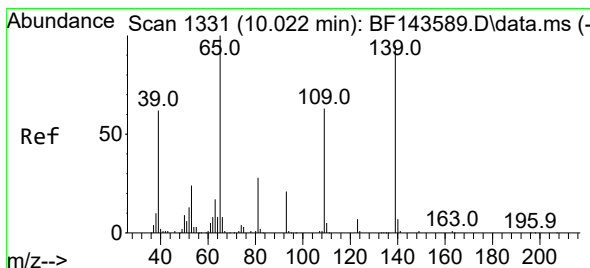
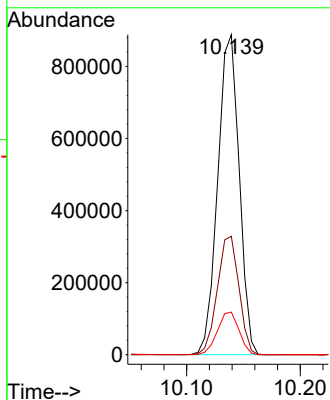
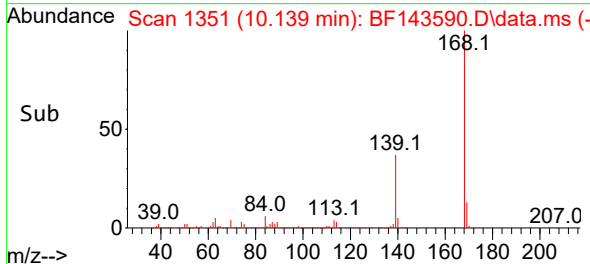
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



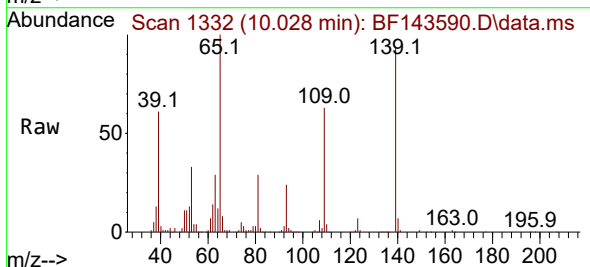
Tgt Ion:168 Resp: 1167014
Ion Ratio Lower Upper
168 100
139 37.0 30.6 46.0
169 13.3 10.9 16.3

Manual Integrations
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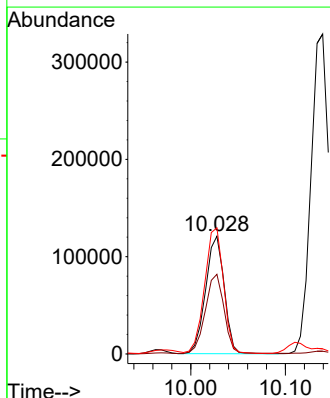
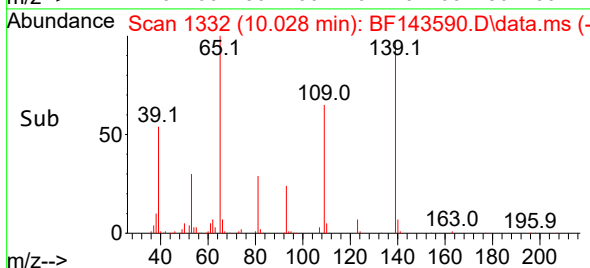
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

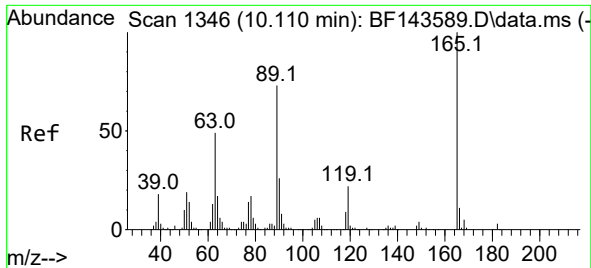


#56
4-Nitrophenol
Concen: 49.650 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:139 Resp: 164759
Ion Ratio Lower Upper
139 100
109 67.6 47.3 87.3
65 107.0 86.8 126.8





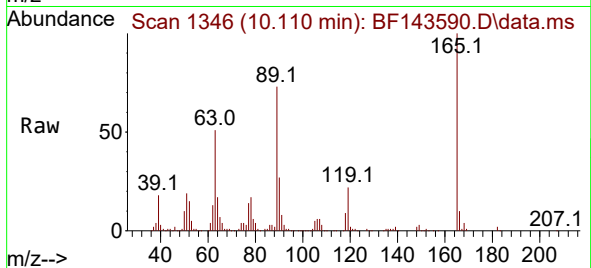
#57
2,4-Dinitrotoluene
Concen: 50.572 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

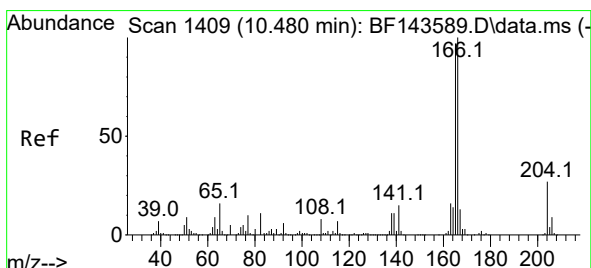
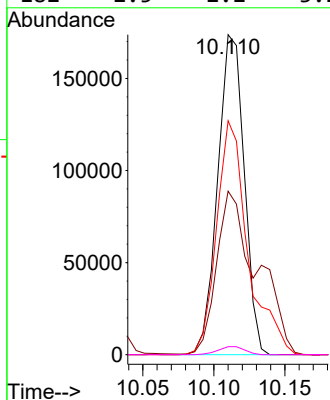
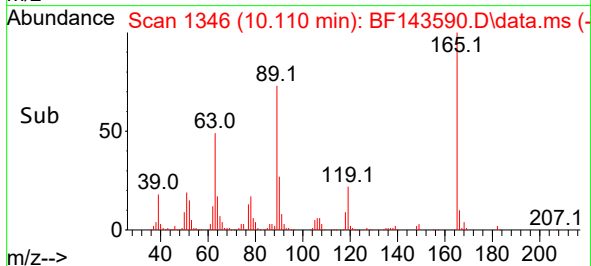


Tgt Ion:165 Resp: 226070
Ion Ratio Lower Upper
165 100
63 51.1 39.5 59.3
89 73.1 58.1 87.1
182 2.5 2.2 3.2

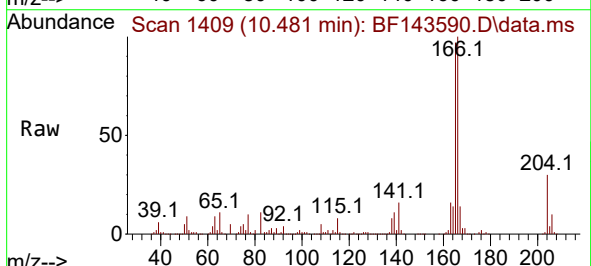
Manual Integrations

APPROVED

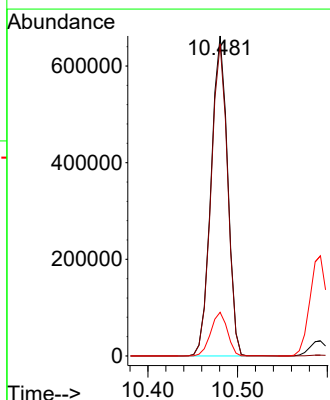
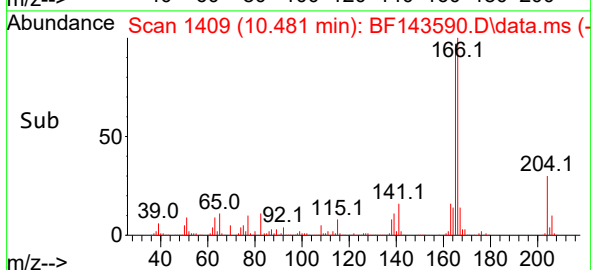
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

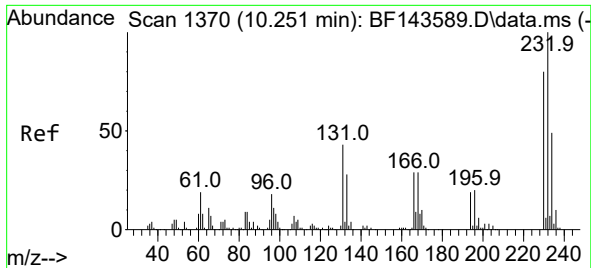


#58
Fluorene
Concen: 45.004 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



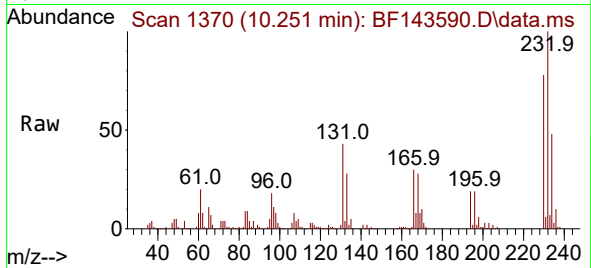
Tgt Ion:166 Resp: 847912
Ion Ratio Lower Upper
166 100
165 97.5 77.7 116.5
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.935 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

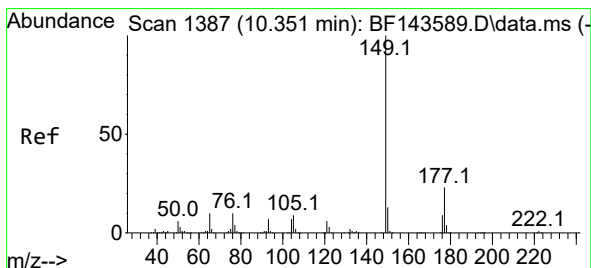
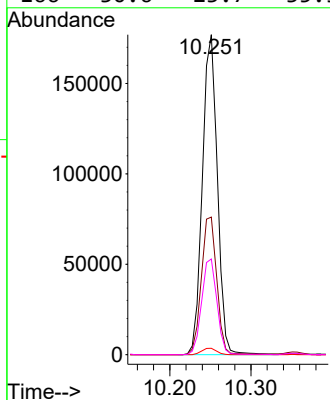
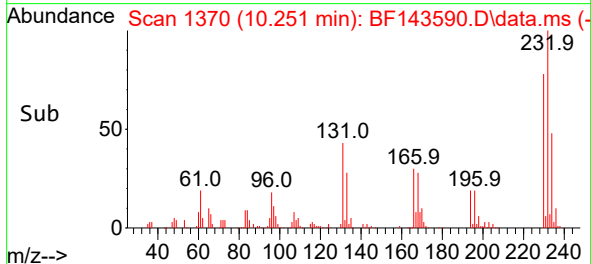
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



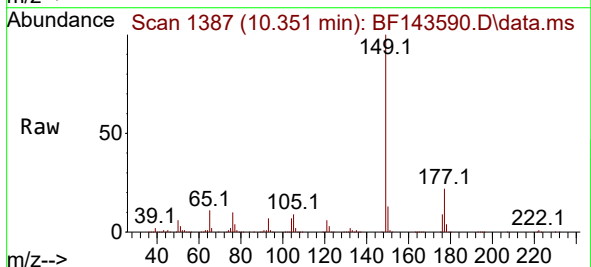
Tgt Ion:232 Resp: 22690
Ion Ratio Lower Upper
232 100
131 44.3 35.9 53.9
130 2.0 1.8 2.8
166 30.6 23.7 35.5

Manual Integrations
APPROVED

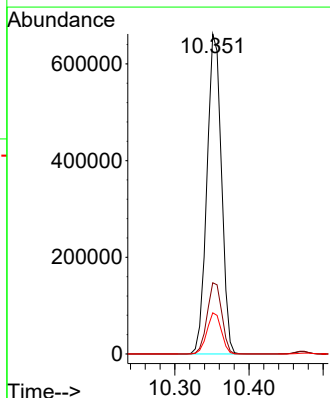
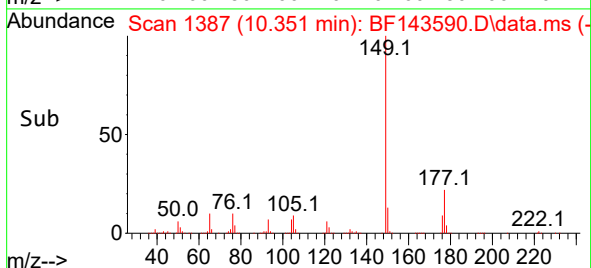
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

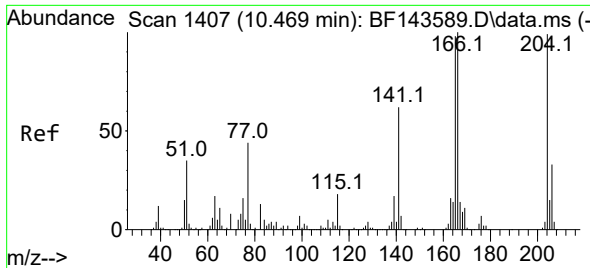


#60
Diethylphthalate
Concen: 47.598 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



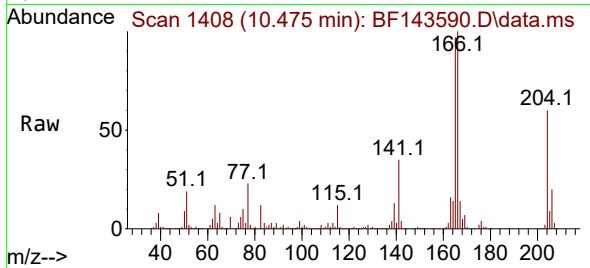
Tgt Ion:149 Resp: 898948
Ion Ratio Lower Upper
149 100
177 22.2 18.1 27.1
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.758 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

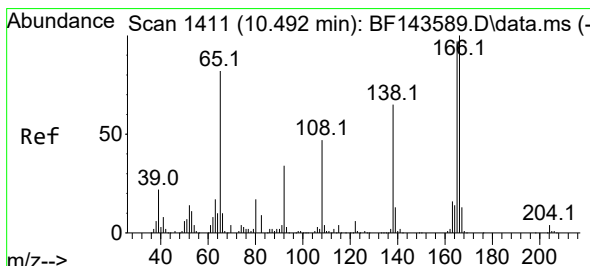
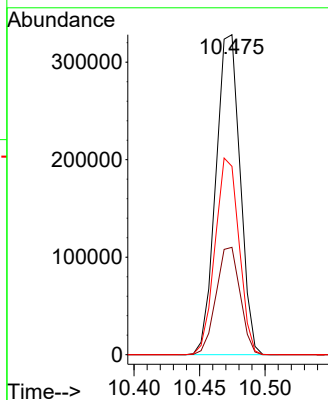
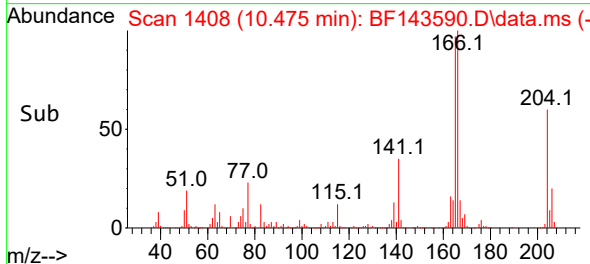
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 421624
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.6
141 58.9 50.2 75.2

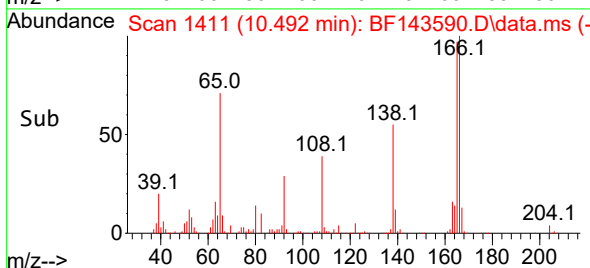
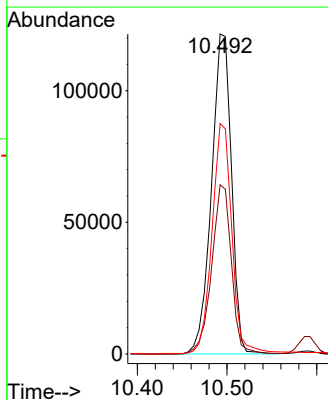
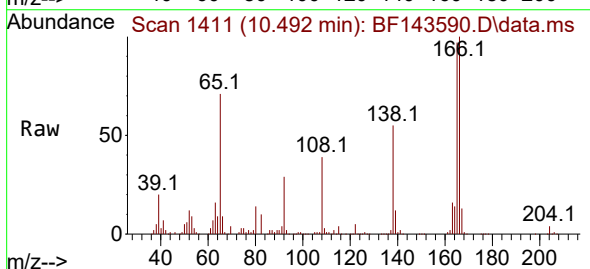
Manual Integrations
APPROVED

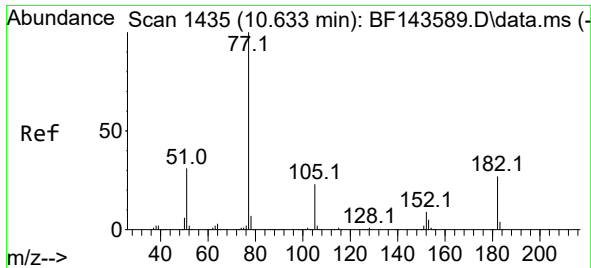
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#62
4-Nitroaniline
Concen: 50.005 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

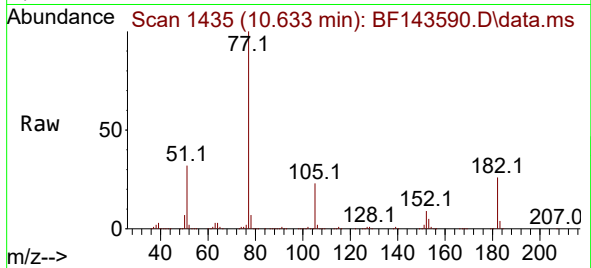
Tgt Ion:138 Resp: 187927
Ion Ratio Lower Upper
138 100
92 52.8 31.3 71.3
108 72.0 51.6 91.6





#63
Azobenzene
Concen: 47.527 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

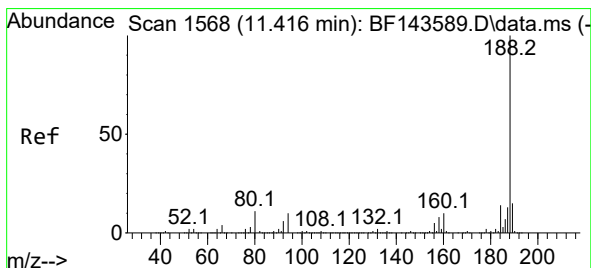
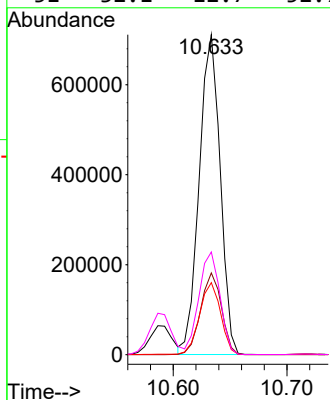
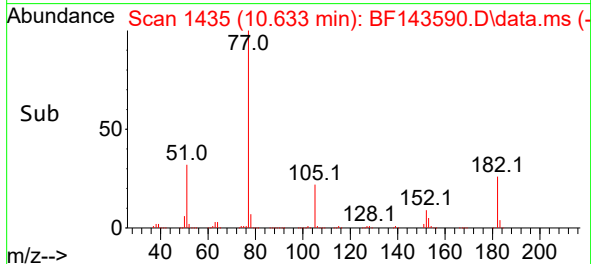
Instrument :
BNA_F
ClientSampleId :
SSTDIC050



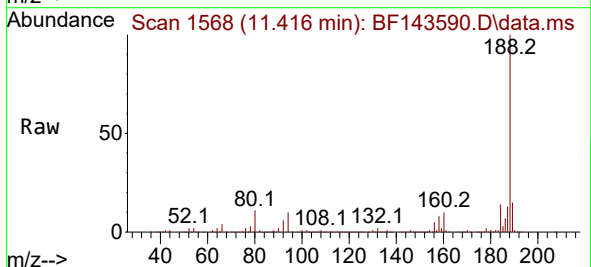
Tgt Ion: 77 Resp: 910084
Ion Ratio Lower Upper
77 100
182 25.5 6.3 46.3
105 22.5 2.4 42.4
51 32.1 12.7 52.7

Manual Integrations
APPROVED

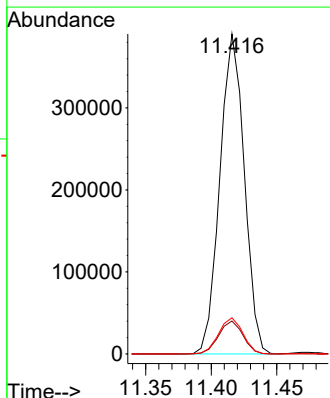
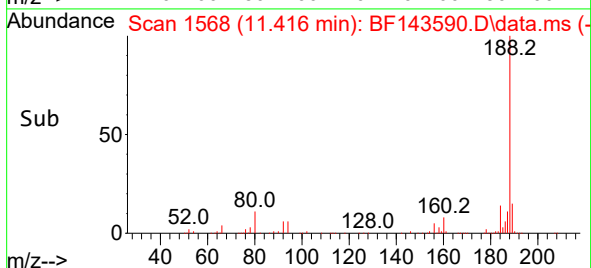
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

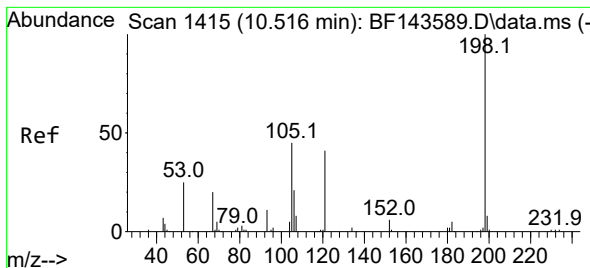


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:188 Resp: 505352
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 11.3 8.9 13.3





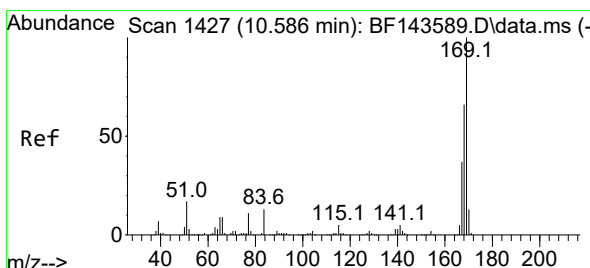
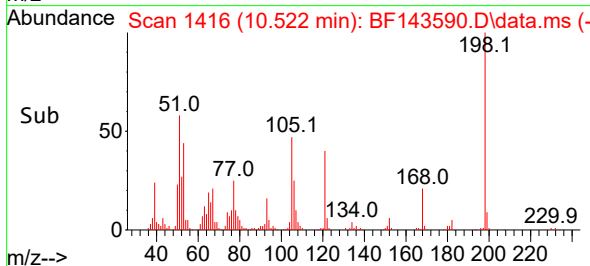
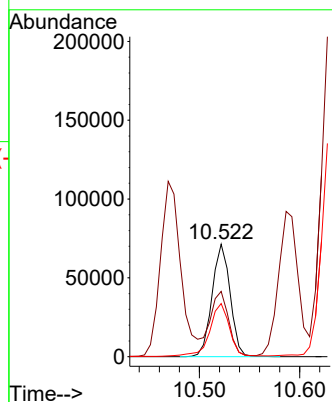
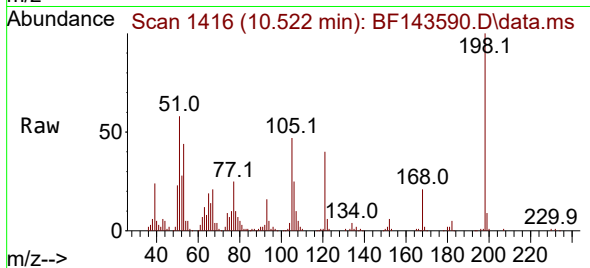
#65
4,6-Dinitro-2-methylphenol
Concen: 51.344 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 8928
Ion Ratio Lower Upper
198 100
51 58.0 41.5 81.5
105 47.3 28.2 68.2

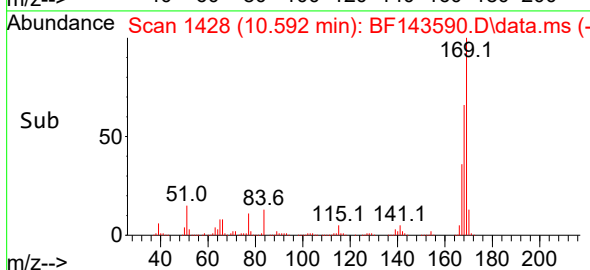
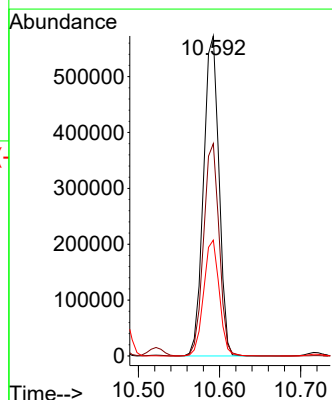
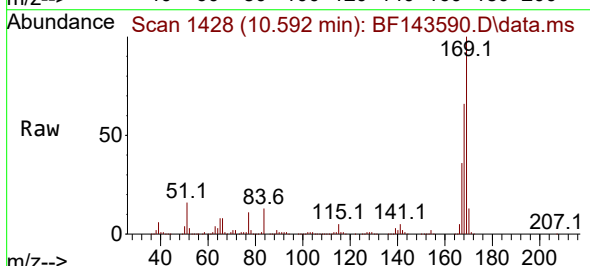
Manual Integrations
APPROVED

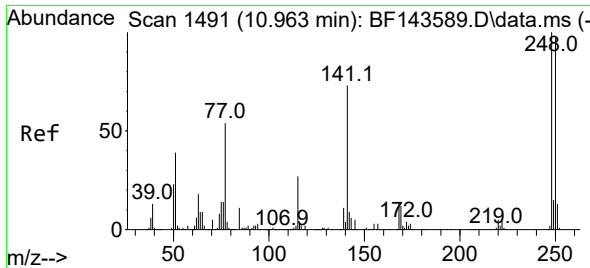
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#66
n-Nitrosodiphenylamine
Concen: 47.009 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

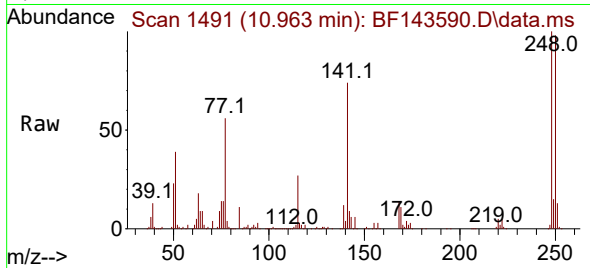
Tgt Ion:169 Resp: 755634
Ion Ratio Lower Upper
169 100
168 66.3 53.1 79.7
167 36.2 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 48.083 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

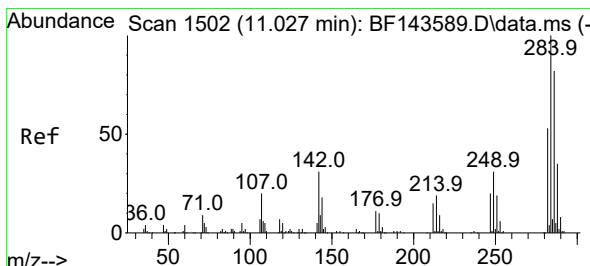
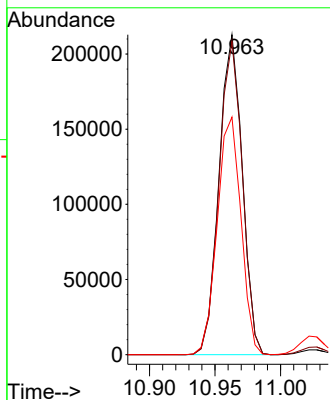
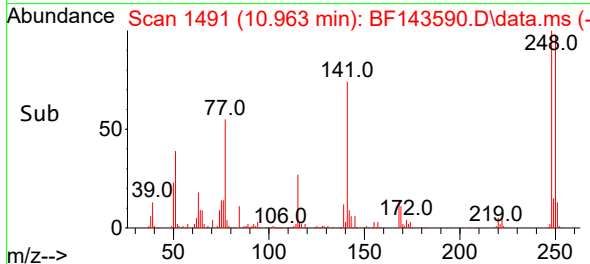
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



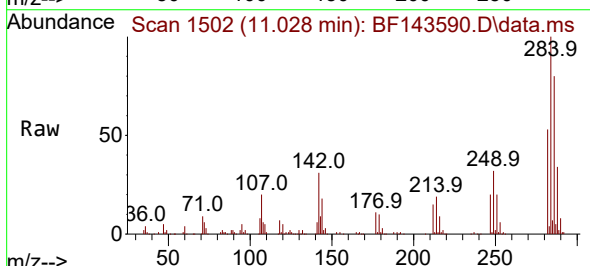
Tgt Ion:248 Resp: 262828
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.6
141 74.3 58.5 87.7

Manual Integrations
APPROVED

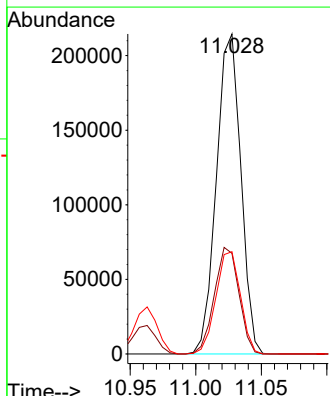
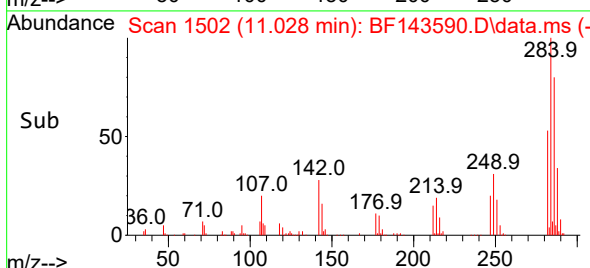
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

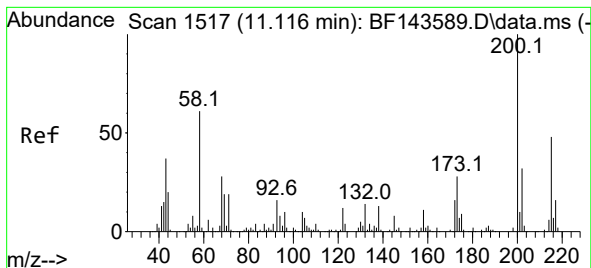


#68
Hexachlorobenzene
Concen: 47.494 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.001 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:284 Resp: 277692
Ion Ratio Lower Upper
284 100
142 31.5 24.7 37.1
249 32.0 25.0 37.6





#69

Atrazine

Concen: 49.829 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 230238

Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

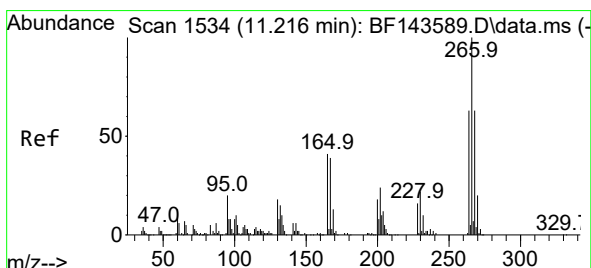
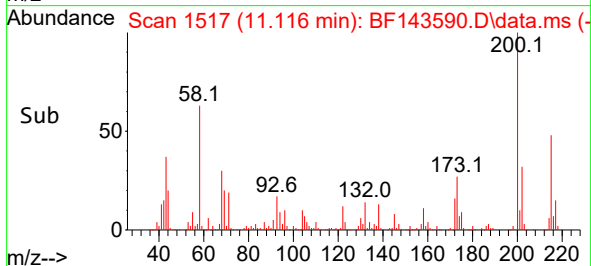
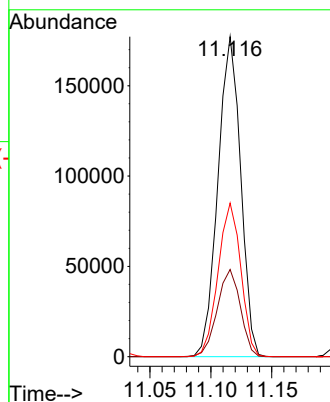
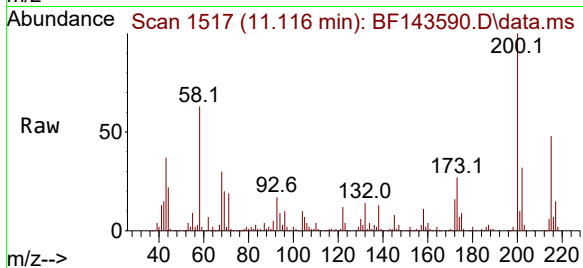
215 48.0 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#70

Pentachlorophenol

Concen: 53.106 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

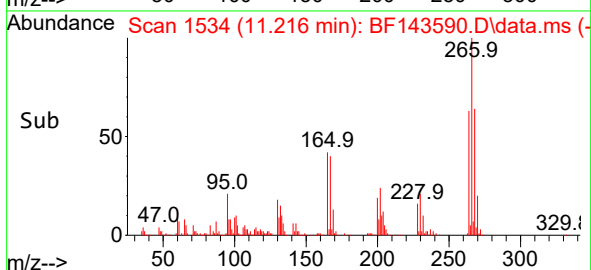
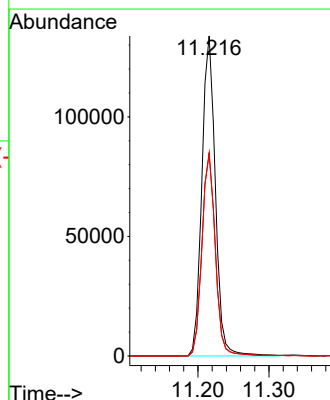
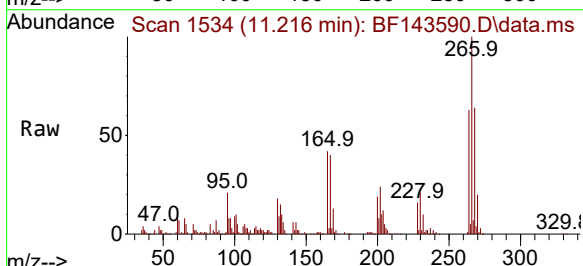
Tgt Ion:266 Resp: 177401

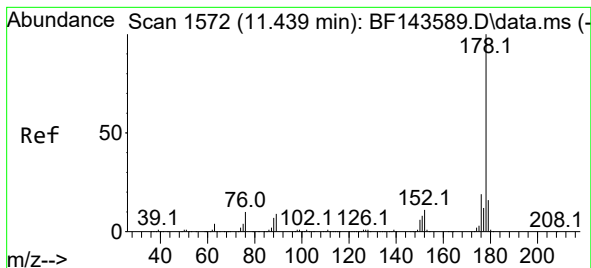
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 63.1 50.1 75.1





#71

Phenanthrene

Concen: 46.461 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 125711

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

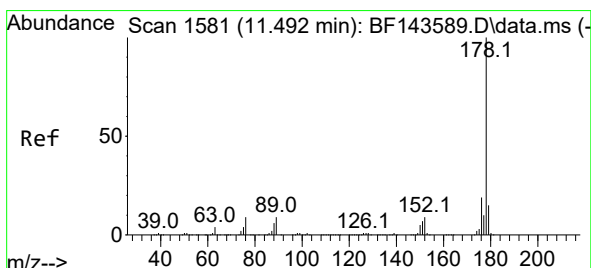
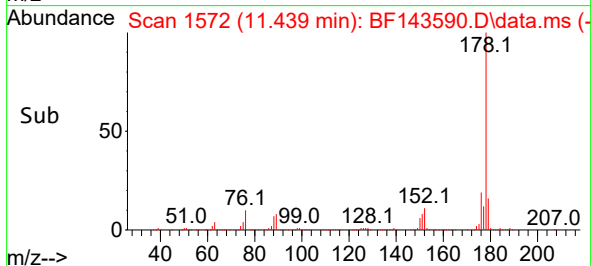
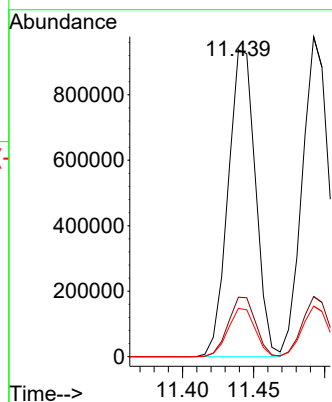
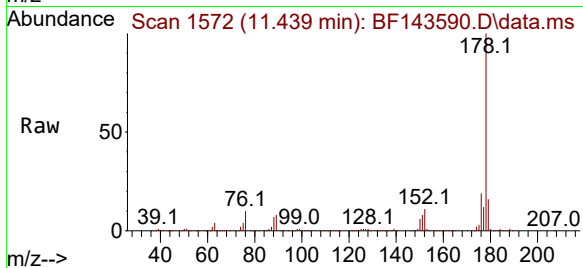
179 15.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#72

Anthracene

Concen: 46.229 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

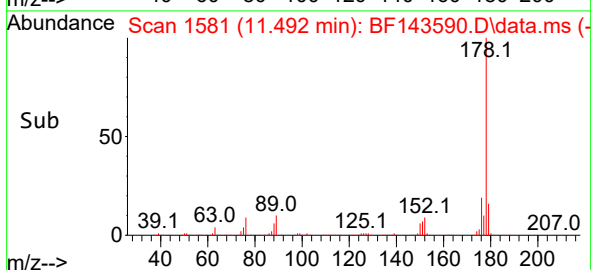
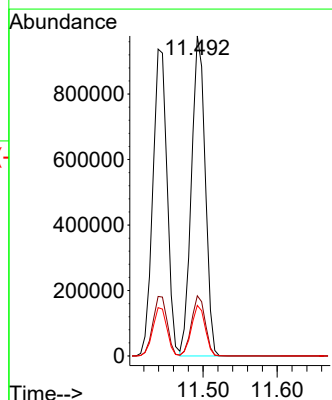
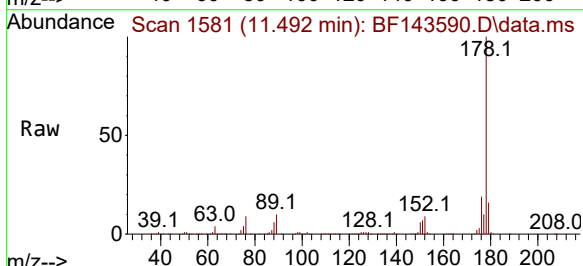
Tgt Ion:178 Resp: 1260551

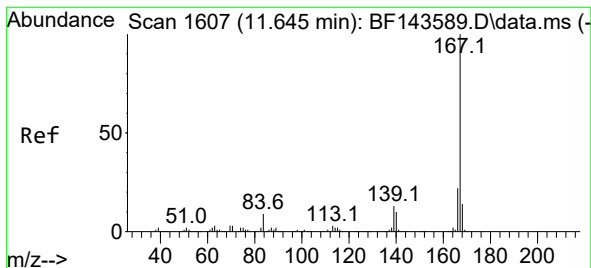
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.8 12.4 18.6





#73

Carbazole

Concen: 45.845 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BF143590.D

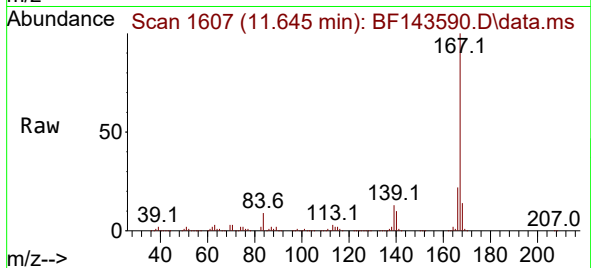
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:167 Resp: 1080574

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

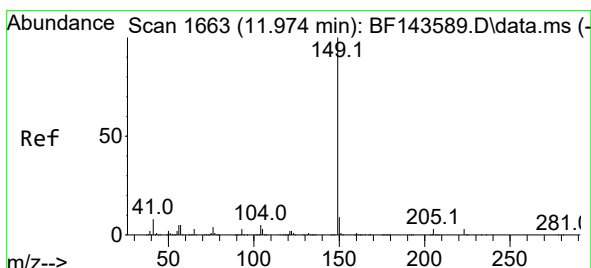
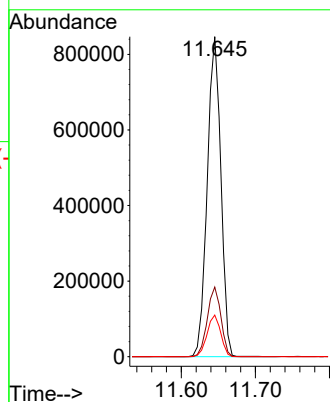
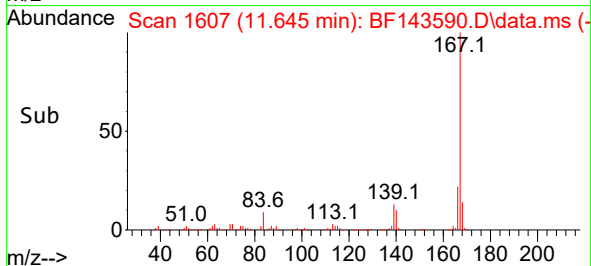
139 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#74

Di-n-butylphthalate

Concen: 48.652 ng

RT: 11.980 min Scan# 1664

Delta R.T. 0.006 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

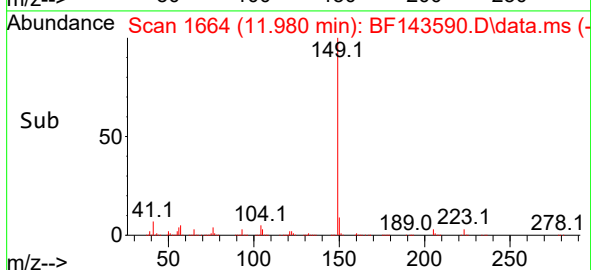
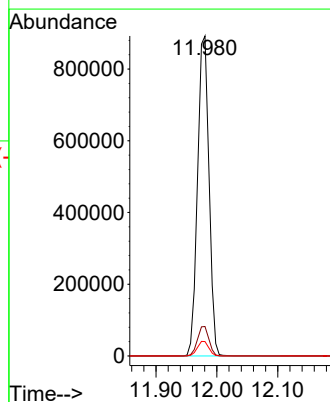
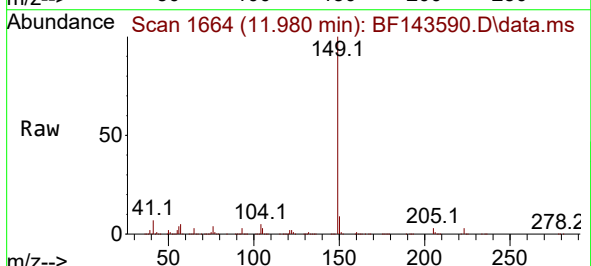
Tgt Ion:149 Resp: 1168015

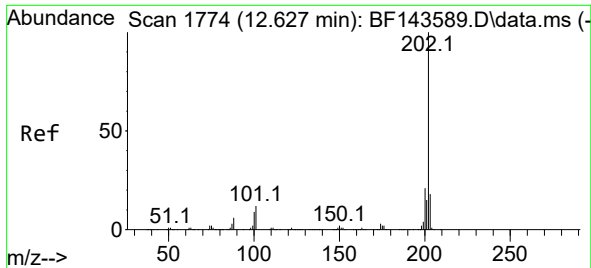
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

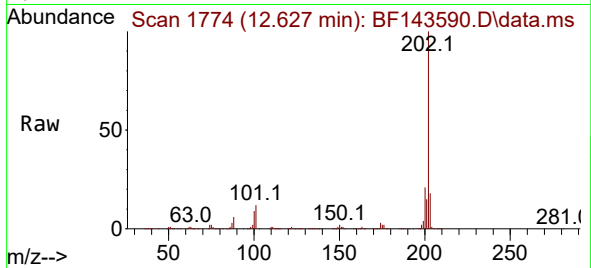
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 44.072 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

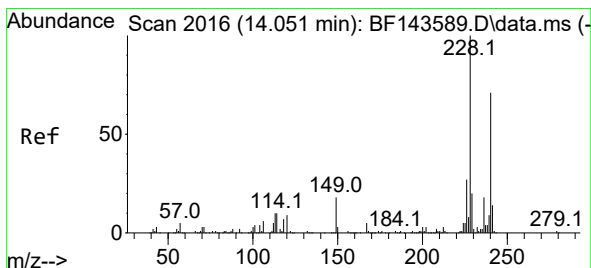
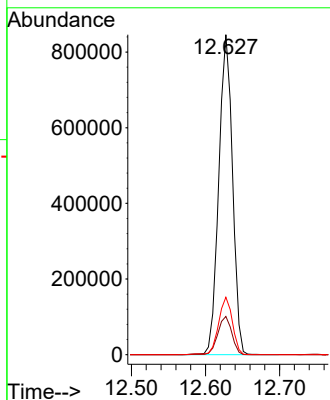
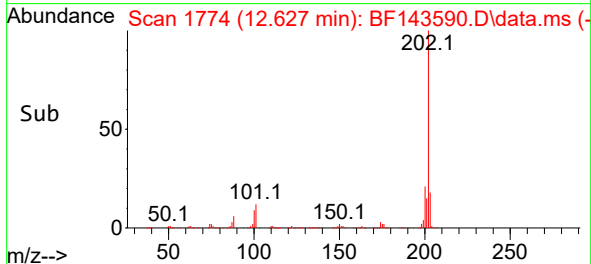
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



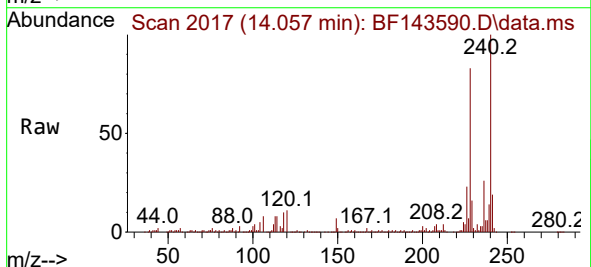
Tgt Ion:202 Resp: 1088814
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.3
203 18.0 0.0 37.5

Manual Integrations
APPROVED

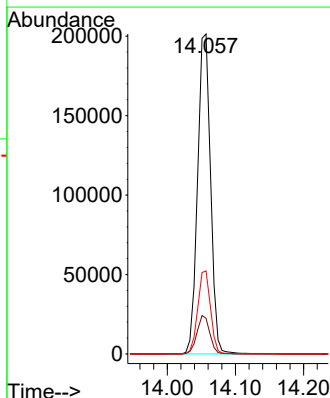
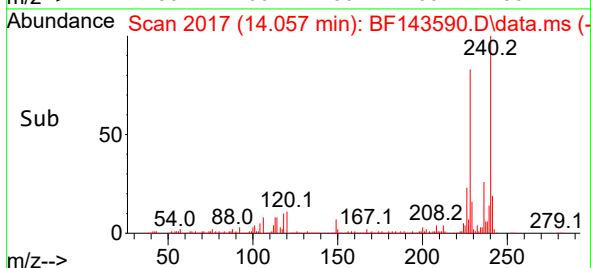
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

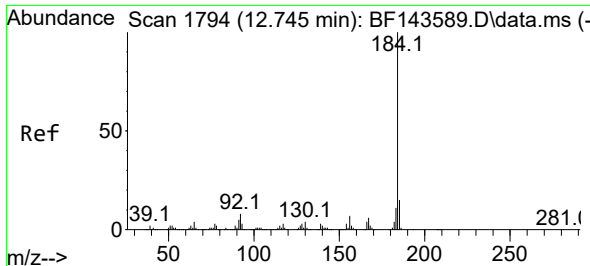


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



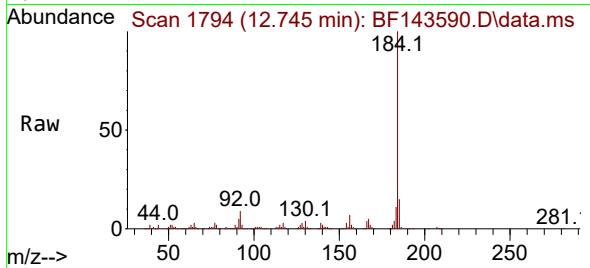
Tgt Ion:240 Resp: 266551
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 26.0 20.2 30.2





#77
Benzidine
Concen: 37.629 ng
RT: 12.745 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

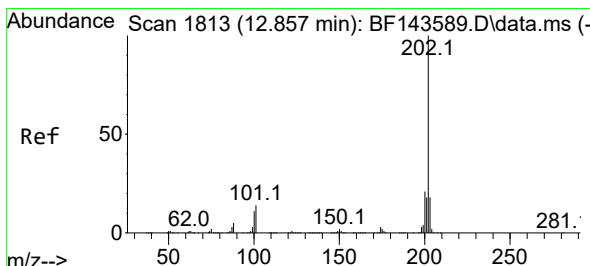
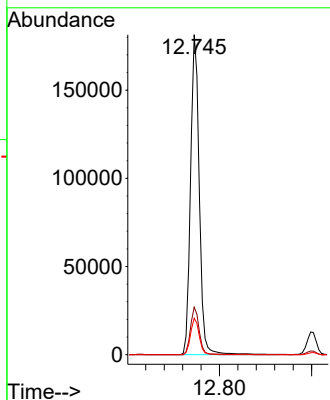
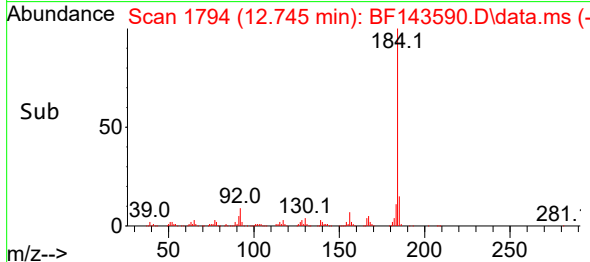
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



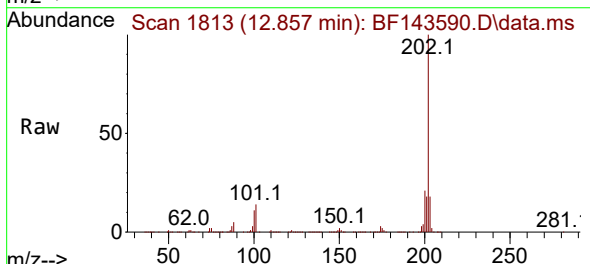
Tgt Ion:184 Resp: 23757
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 11.4 9.1 13.7

Manual Integrations
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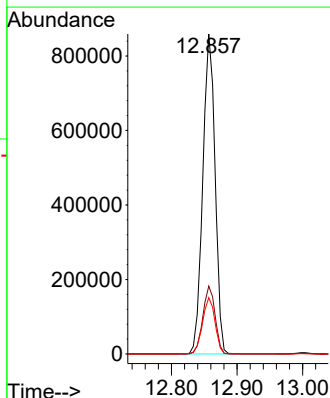
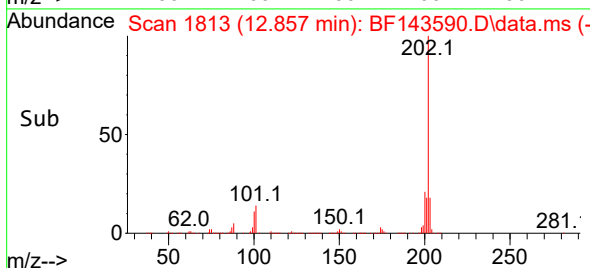
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

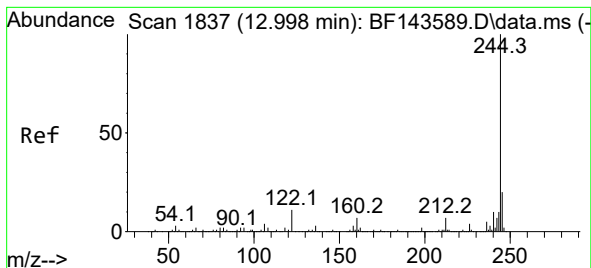


#78
Pyrene
Concen: 50.405 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:202 Resp: 1124413
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 96.924 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 1439694

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

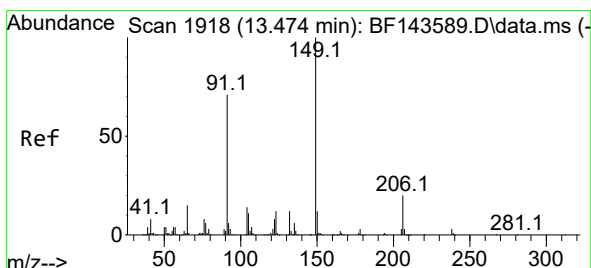
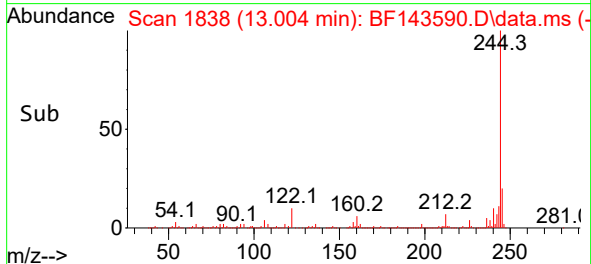
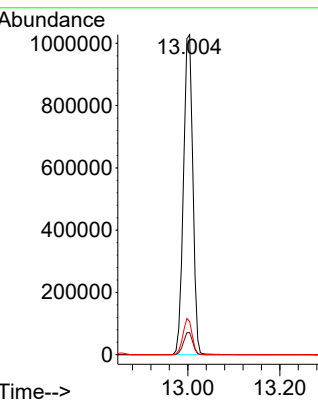
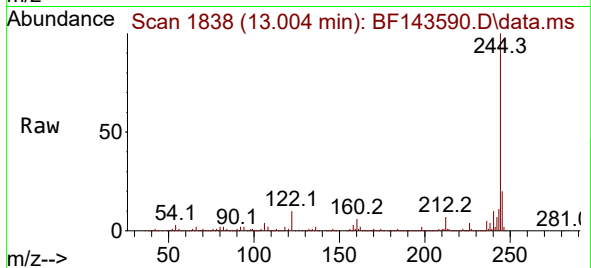
122 10.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#80

Butylbenzylphthalate

Concen: 48.160 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

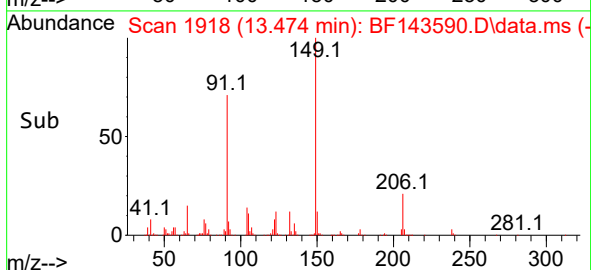
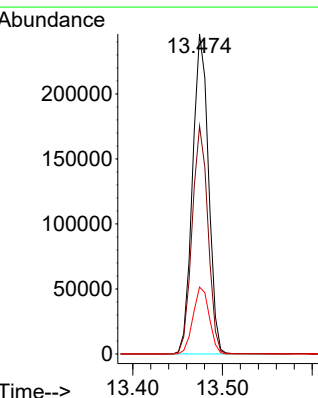
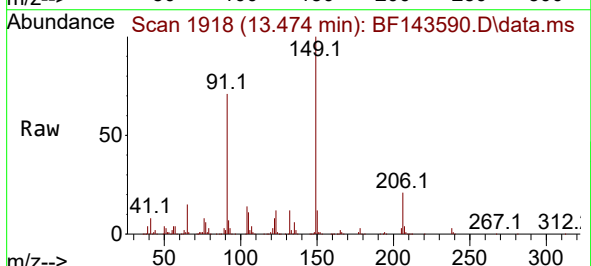
Tgt Ion:149 Resp: 303475

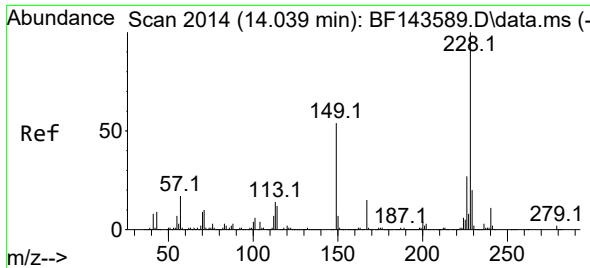
Ion Ratio Lower Upper

149 100

91 71.3 56.8 85.2

206 20.9 16.2 24.2





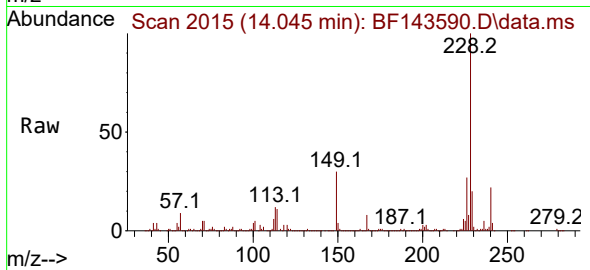
#81
Benzo(a)anthracene
Concen: 48.328 ng
RT: 14.045 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

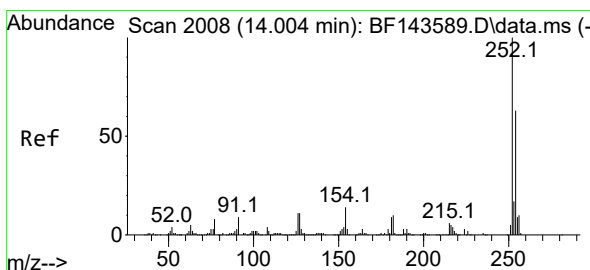
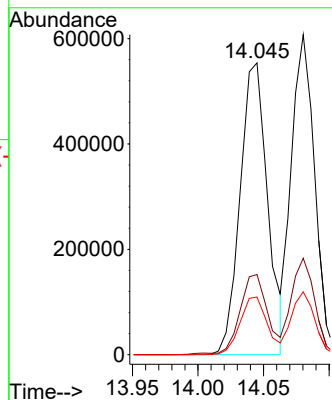
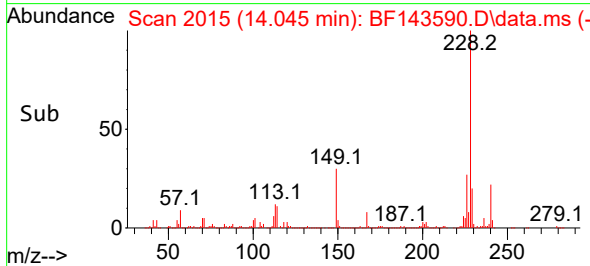


Tgt Ion:228 Resp: 81044
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.8 16.1 24.1

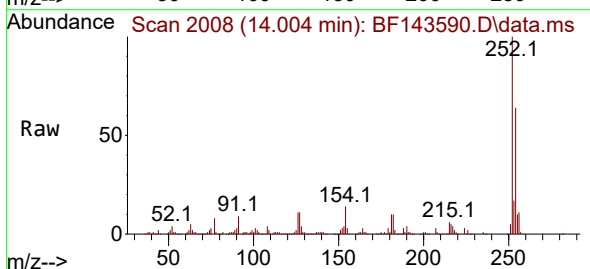
Manual Integrations

APPROVED

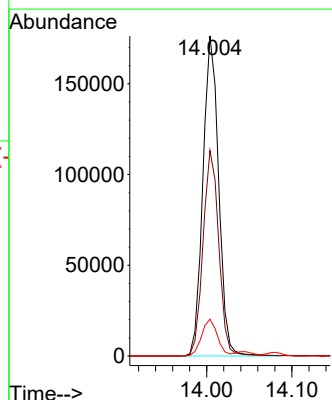
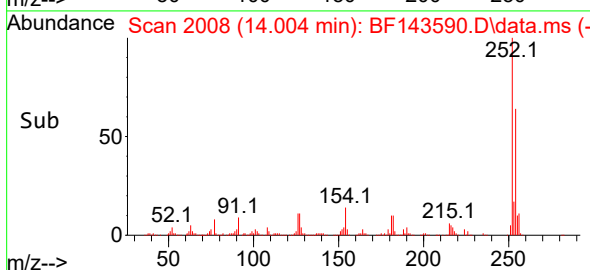
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

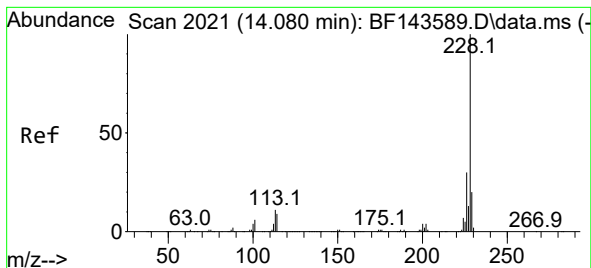


#82
3,3'-Dichlorobenzidine
Concen: 50.330 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35



Tgt Ion:252 Resp: 226287
Ion Ratio Lower Upper
252 100
254 64.2 50.2 75.2
126 11.5 9.1 13.7





#83

Chrysene

Concen: 48.122 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 752062

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

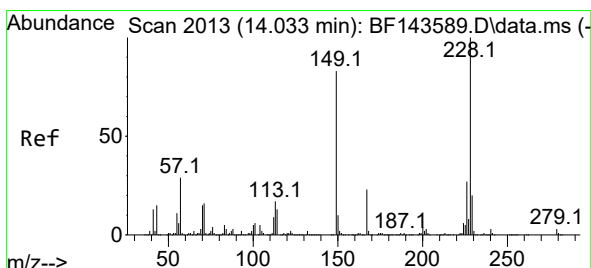
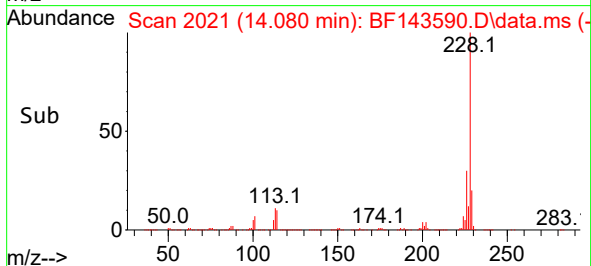
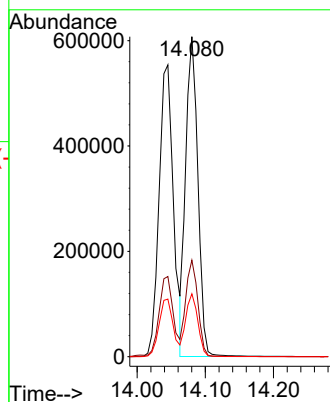
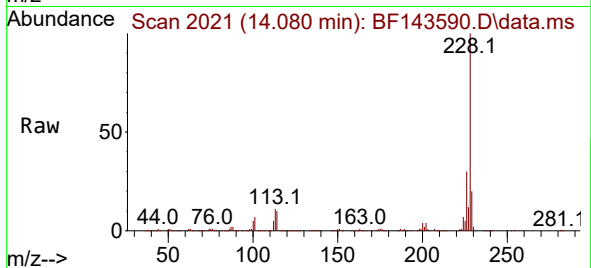
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.451 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

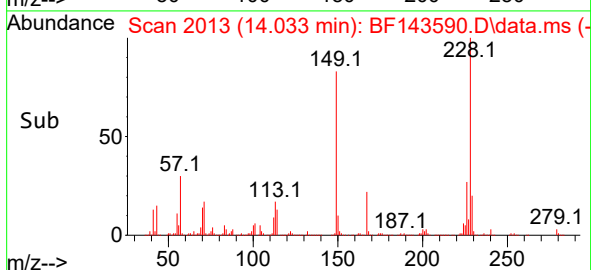
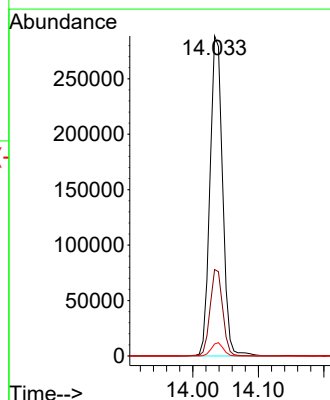
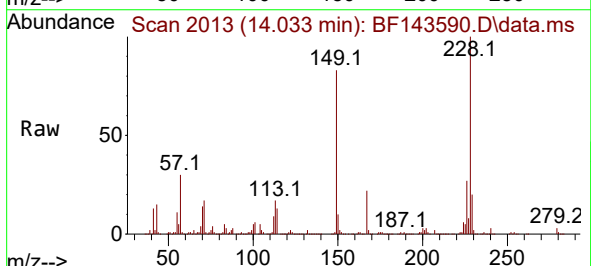
Tgt Ion:149 Resp: 386823

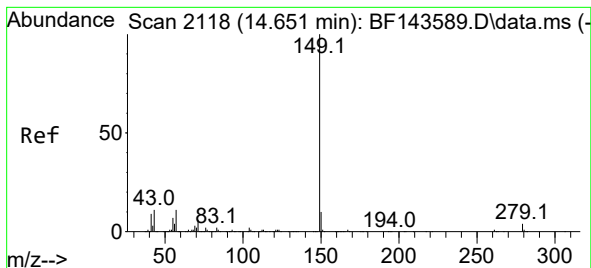
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

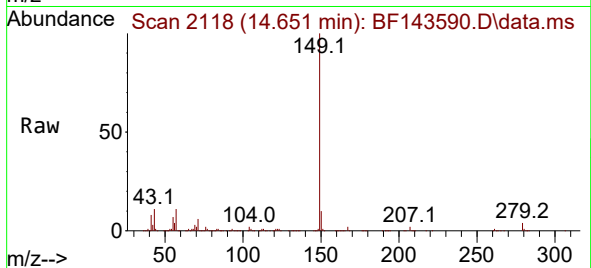
279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 49.140 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

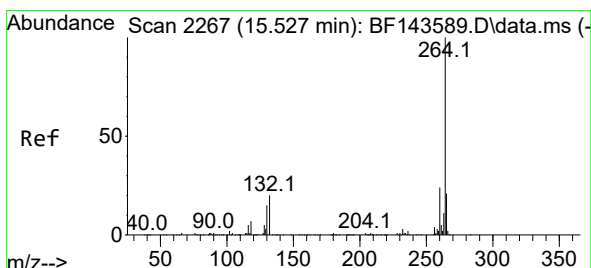
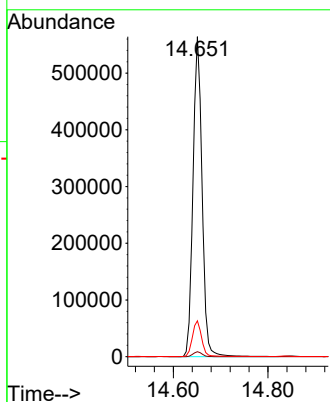
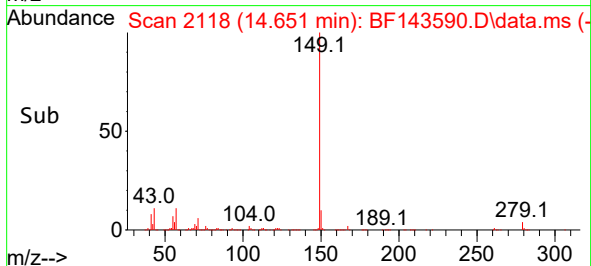
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 751428
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 9.5 14.3

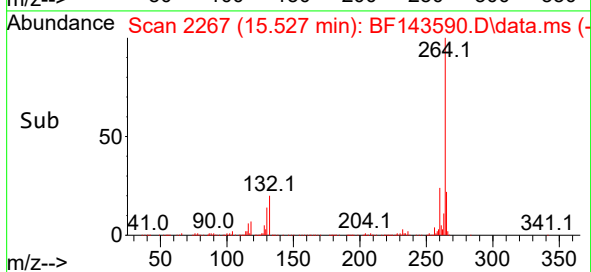
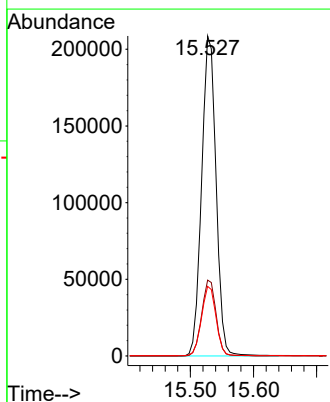
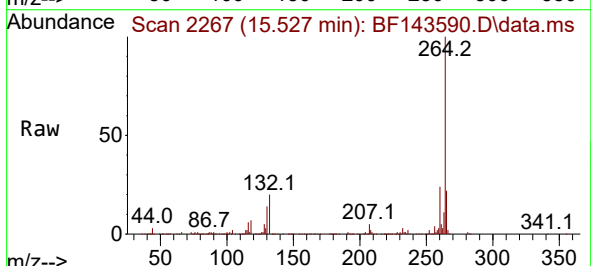
Manual Integrations
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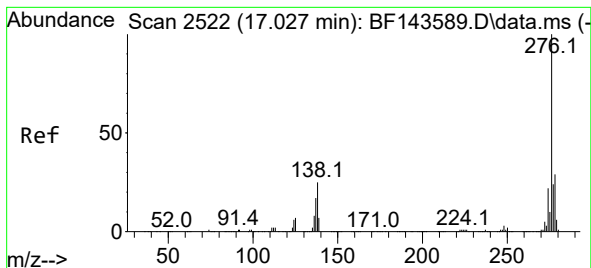
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:264 Resp: 332150
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.481 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143590.D

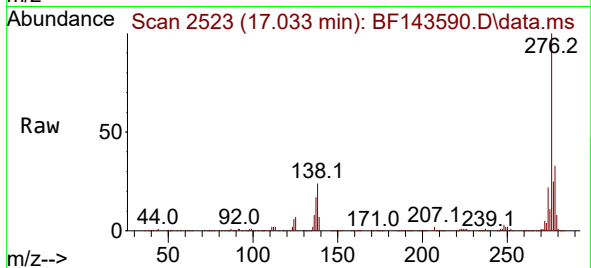
Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:276 Resp: 116338

Ion Ratio Lower Upper

276 100

138 27.6 22.3 33.5

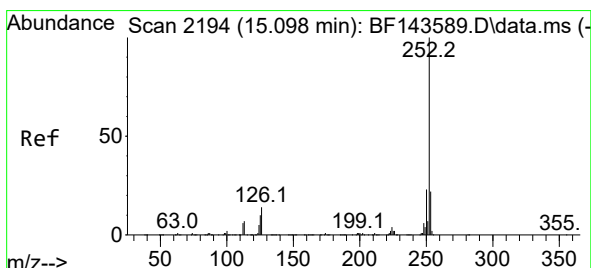
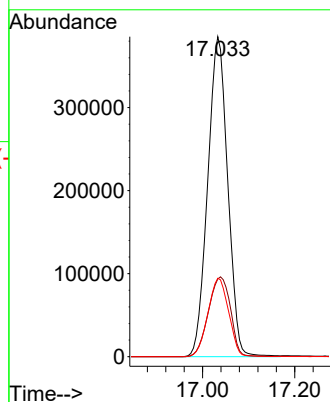
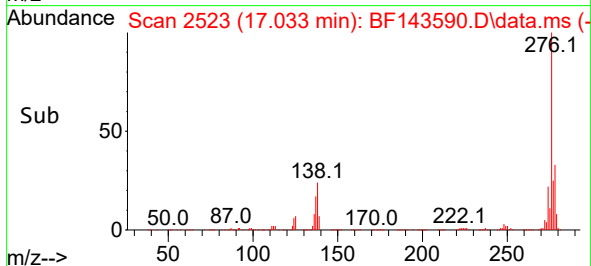
277 25.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#88

Benzo(b)fluoranthene

Concen: 44.093 ng

RT: 15.098 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

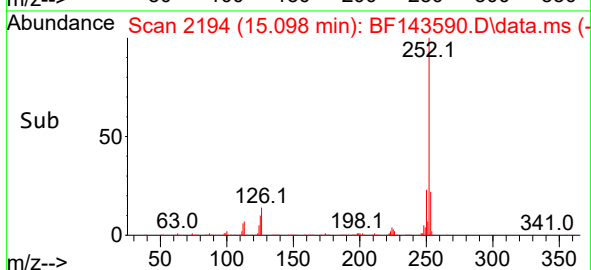
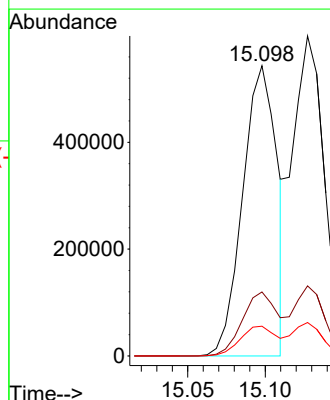
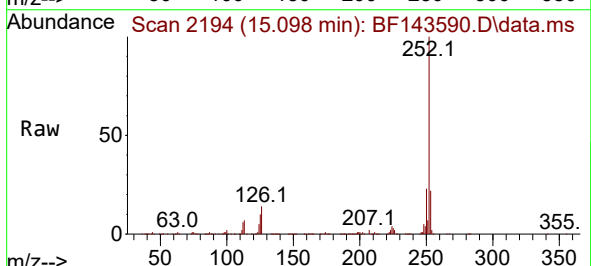
Tgt Ion:252 Resp: 836795

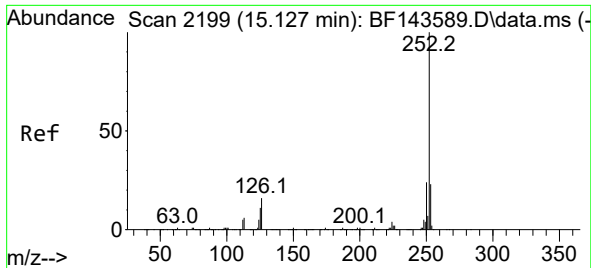
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

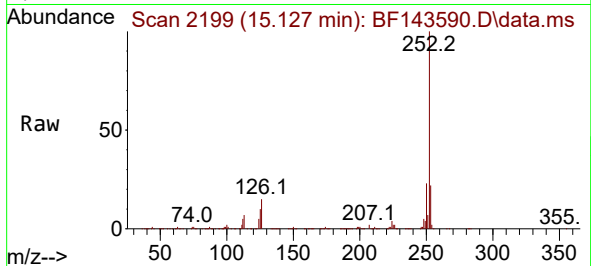
125 10.3 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 48.085 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

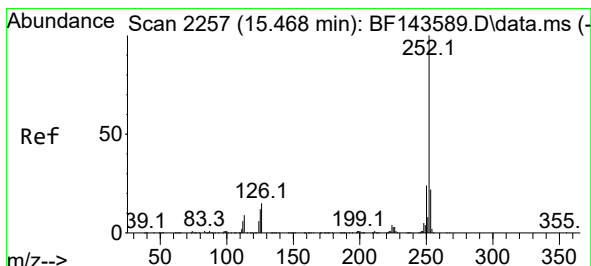
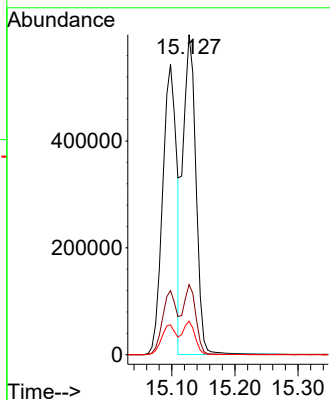
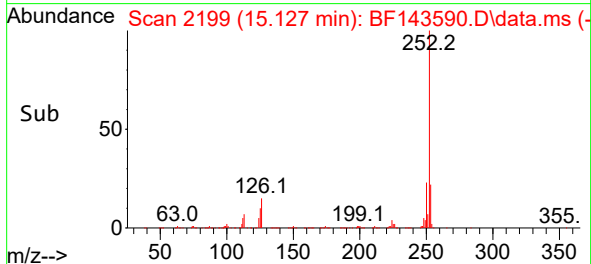
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:252 Resp: 853238
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.4 8.2 12.4

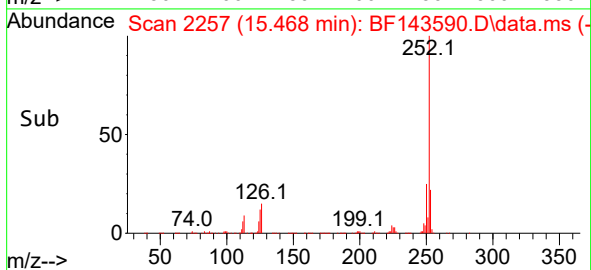
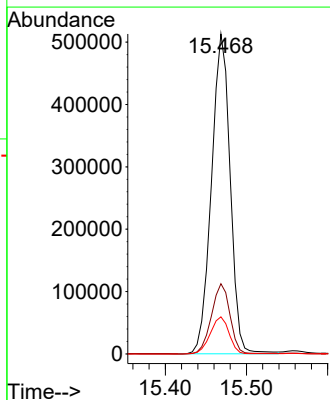
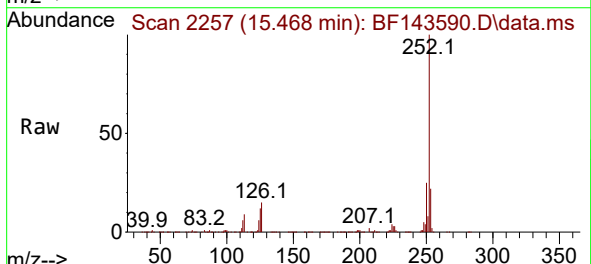
Manual Integrations
APPROVED

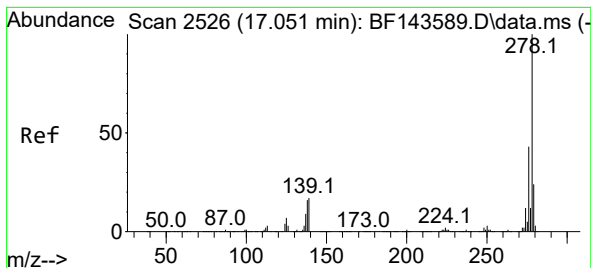
Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025



#90
Benzo(a)pyrene
Concen: 48.954 ng
RT: 15.468 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF143590.D
Acq: 26 Aug 2025 11:35

Tgt Ion:252 Resp: 820860
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 50.581 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 935510

Ion Ratio Lower Upper

278 100

139 17.0 13.8 20.8

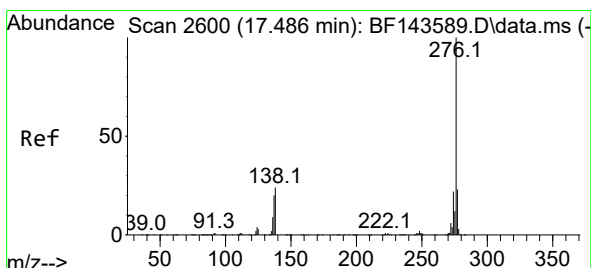
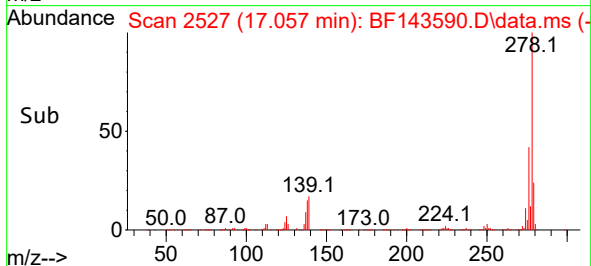
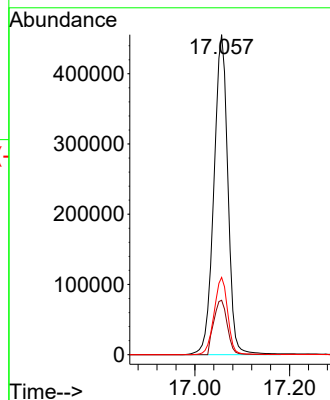
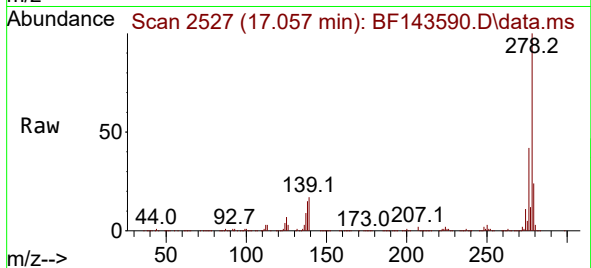
279 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/27/2025

Supervised By :Jagrut Upadhyay 08/27/2025



#92

Benzo(g,h,i)perylene

Concen: 52.059 ng

RT: 17.492 min Scan# 2601

Delta R.T. 0.006 min

Lab File: BF143590.D

Acq: 26 Aug 2025 11:35

Tgt Ion:276 Resp: 953242

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 23.4 19.1 28.7

