

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143954.D
 Acq On : 15 Oct 2025 16:00
 Operator : RC/JU
 Sample : PB170101BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170101BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/16/2025
 Supervised By :Jagrut Upadhyay 10/16/2025

Quant Time: Oct 16 00:13:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	118438	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	461115	20.00	ng	0.00
39) Acenaphthene-d10	9.927	164	248199	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	429601	20.00	ng	0.00
76) Chrysene-d12	14.062	240	240176	20.00	ng	0.00
86) Perylene-d12	15.545	264	239729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	870611	116.73	ng	0.00
7) Phenol-d6	6.510	99	1061192	119.37	ng	0.00
23) Nitrobenzene-d5	7.445	82	667593	87.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	333227	134.79	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1253557	80.14	ng	-0.01
79) Terphenyl-d14	13.004	244	1378587	98.10	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	146022	42.31	ng	96
3) Pyridine	3.493	79	421042	41.91	ng	99
4) n-Nitrosodimethylamine	3.446	42	252823	47.83	ng	94
6) Aniline	6.545	93	445252	33.42	ng	98
8) 2-Chlorophenol	6.669	128	341863	46.89	ng	98
9) Benzaldehyde	6.434	77	204826	29.87	ng	98
10) Phenol	6.522	94	490735	46.17	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	378709	46.13	ng	98
12) 1,3-Dichlorobenzene	6.822	146	390997	44.80	ng	100
13) 1,4-Dichlorobenzene	6.898	146	396423	46.05	ng	99
14) 1,2-Dichlorobenzene	7.051	146	380436	46.14	ng	99
15) Benzyl Alcohol	7.022	79	325722	48.90	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	891049	47.68	ng	100
17) 2-Methylphenol	7.133	107	288553	47.89	ng	98
18) Hexachloroethane	7.392	117	132658	46.21	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	267094	43.89	ng	98
20) 3+4-Methylphenols	7.286	107	311375	44.59	ng	# 75
22) Acetophenone	7.292	105	471990	48.41	ng	97
24) Nitrobenzene	7.463	77	398900	47.33	ng	99
25) Isophorone	7.704	82	735142	45.94	ng	98
26) 2-Nitrophenol	7.781	139	190700	52.77	ng	99
27) 2,4-Dimethylphenol	7.816	122	327669	50.41	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	466831	46.18	ng	97
29) 2,4-Dichlorophenol	8.022	162	310813	45.90	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	319085	47.92	ng	99
31) Naphthalene	8.186	128	932851	44.47	ng	100
32) Benzoic acid	7.945	122	245097	54.48	ng	96
33) 4-Chloroaniline	8.233	127	112924	14.35	ng	100
34) Hexachlorobutadiene	8.304	225	204754	44.25	ng	98
35) Caprolactam	8.604	113	104526m	48.55	ng	
36) 4-Chloro-3-methylphenol	8.716	107	304222	46.77	ng	99
37) 2-Methylnaphthalene	8.880	142	565312	40.46	ng	98
38) 1-Methylnaphthalene	8.980	142	577526	42.61	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	338319	49.32	ng	98
41) Hexachlorocyclopentadiene	9.033	237	332695	116.90	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	230618	46.01	ng	97

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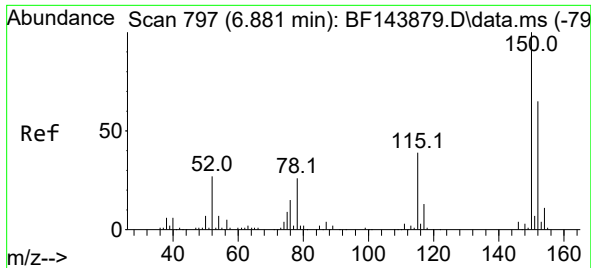
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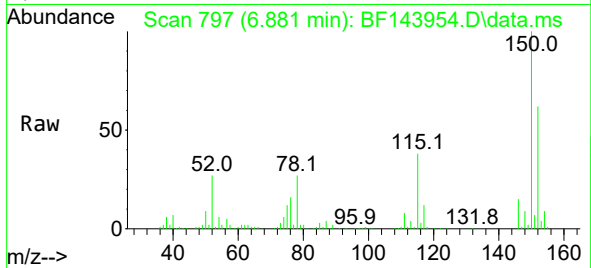
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	251716	47.52	ng	99
46) 1,1'-Biphenyl	9.345	154	814095	49.54	ng	98
47) 2-Chloronaphthalene	9.369	162	628688	45.89	ng	98
48) 2-Nitroaniline	9.463	65	221953	51.24	ng	99
49) Acenaphthylene	9.786	152	987110	51.25	ng	99
50) Dimethylphthalate	9.645	163	733584	46.54	ng	99
51) 2,6-Dinitrotoluene	9.710	165	162248	55.51	ng	97
52) Acenaphthene	9.957	154	605832	48.00	ng	99
53) 3-Nitroaniline	9.874	138	103774	29.00	ng	98
54) 2,4-Dinitrophenol	9.986	184	164763	90.40	ng	92
55) Dibenzofuran	10.133	168	809915	45.46	ng	99
56) 4-Nitrophenol	10.039	139	254546	93.94	ng	98
57) 2,4-Dinitrotoluene	10.116	165	212455	53.42	ng	97
58) Fluorene	10.474	166	610489	45.41	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	186851	49.83	ng	97
60) Diethylphthalate	10.345	149	684352	46.74	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	322883	45.43	ng	98
62) 4-Nitroaniline	10.492	138	168231	48.88	ng	95
63) Azobenzene	10.627	77	743077	48.56	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	122975	56.96	ng	98
66) n-Nitrosodiphenylamine	10.586	169	630274	46.72	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	217233	45.75	ng	98
68) Hexachlorobenzene	11.021	284	255589	46.50	ng	99
69) Atrazine	11.116	200	205248	50.20	ng	99
70) Pentachlorophenol	11.221	266	269305	85.31	ng	99
71) Phenanthrene	11.439	178	932273	44.76	ng	99
72) Anthracene	11.492	178	959996	45.63	ng	99
73) Carbazole	11.645	167	848968	45.56	ng	99
74) Di-n-butylphthalate	11.974	149	1030082	47.70	ng	100
75) Fluoranthene	12.633	202	979531	45.53	ng	99
77) Benzidine	12.751	184	281044	33.70	ng	98
78) Pyrene	12.863	202	994801	49.68	ng	100
80) Butylbenzylphthalate	13.480	149	369026	56.75	ng	99
81) Benzo(a)anthracene	14.051	228	771572	49.09	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	116790	24.38	ng	98
83) Chrysene	14.092	228	683092	46.96	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	429020	54.73	ng	100
85) Di-n-octyl phthalate	14.657	149	633253	49.19	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	763934	52.01	ng	98
88) Benzo(b)fluoranthene	15.109	252	664857	48.28	ng	98
89) Benzo(k)fluoranthene	15.139	252	564065	44.27	ng	100
90) Benzo(a)pyrene	15.486	252	584736	48.97	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	619276	52.42	ng	99
92) Benzo(g,h,i)perylene	17.503	276	620208	52.50	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

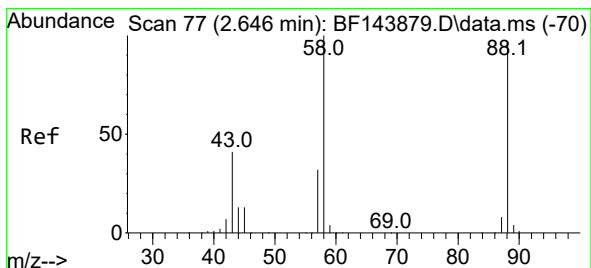
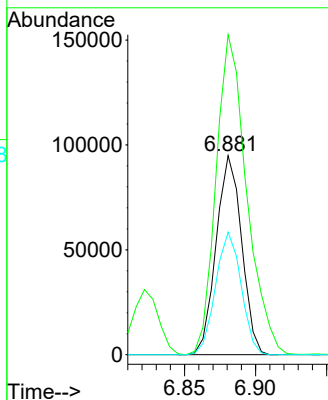
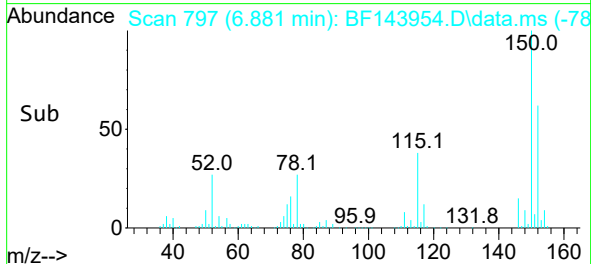
Instrument :
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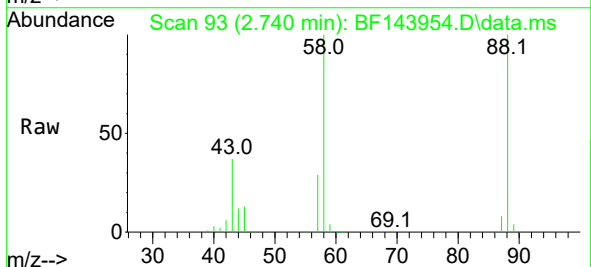
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Ion Ratio Lower Upper
152 100
150 160.7 124.4 186.6
115 61.5 48.1 72.1

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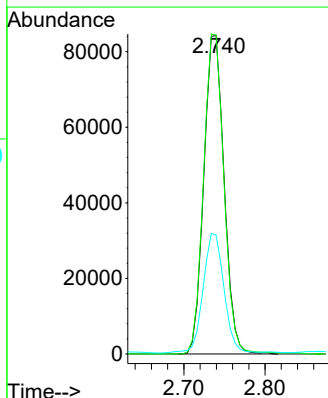
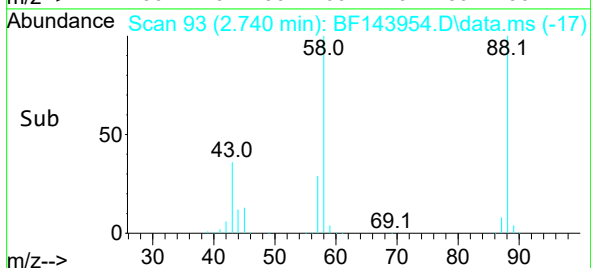
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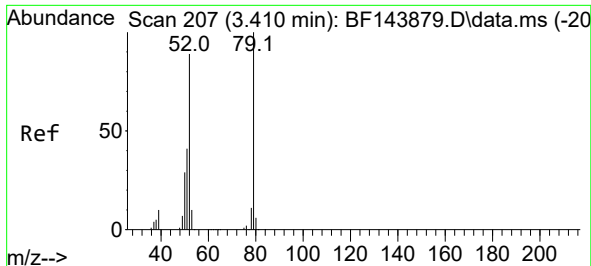


#2
1,4-Dioxane
Concen: 42.31 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.094 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



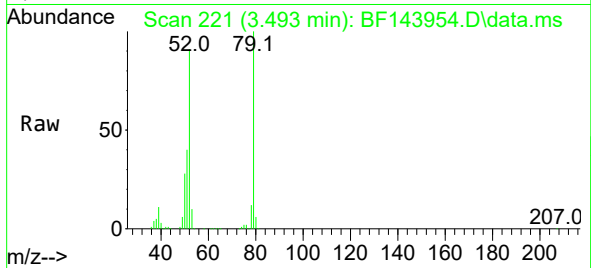
Tgt Ion: 88 Resp: 146022
Ion Ratio Lower Upper
88 100
58 101.1 83.0 124.6
43 38.5 33.9 50.9





#3
Pyridine
Concen: 41.91 ng
RT: 3.493 min Scan# 210
Delta R.T. 0.076 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

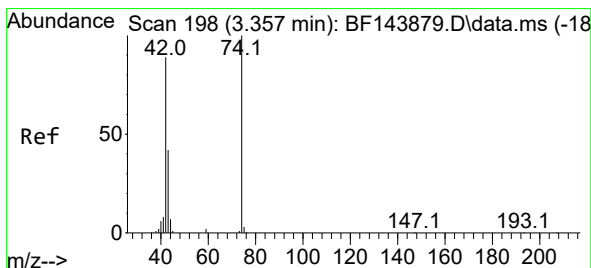
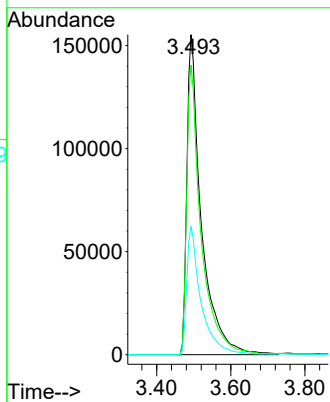
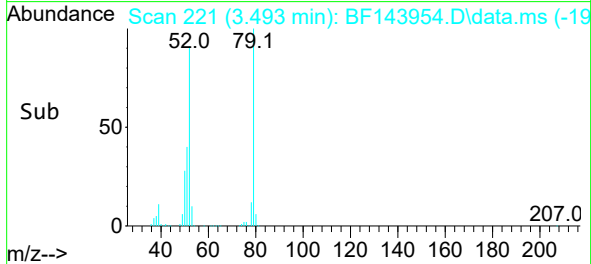
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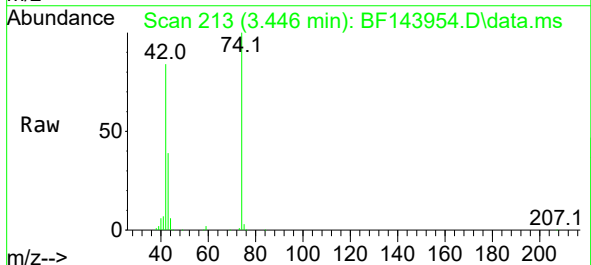
Tgt Ion: 79 Resp: 42104
Ion Ratio Lower Upper
79 100
52 90.5 71.5 107.3
51 40.0 32.9 49.3

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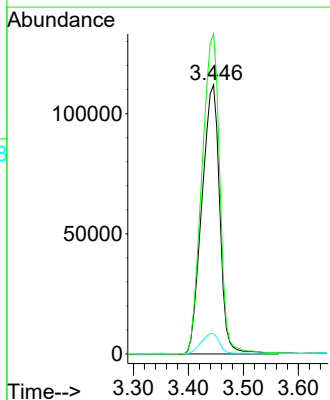
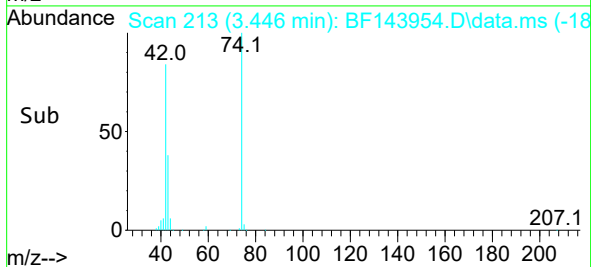
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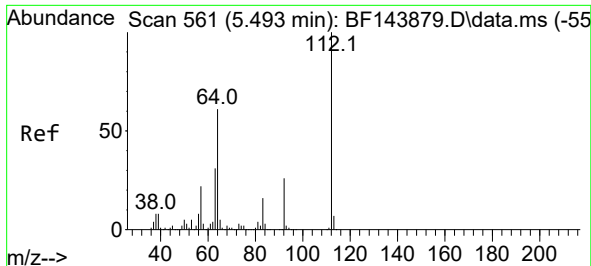


#4
n-Nitrosodimethylamine
Concen: 47.83 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.059 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



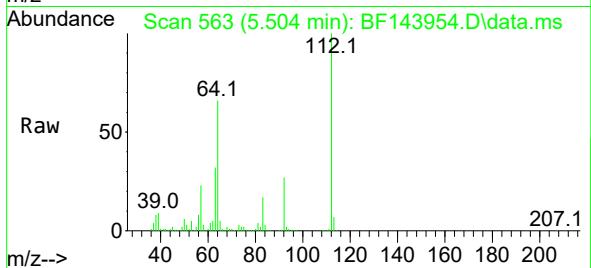
Tgt Ion: 42 Resp: 252823
Ion Ratio Lower Upper
42 100
74 118.9 90.0 135.0
44 7.6 6.2 9.2





#5
2-Fluorophenol
Concen: 116.73 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

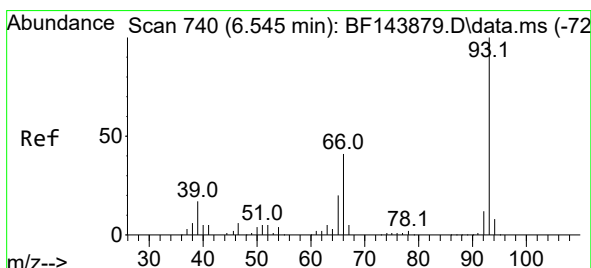
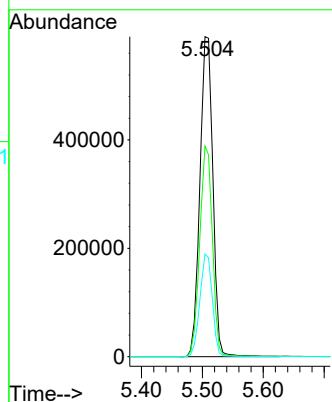
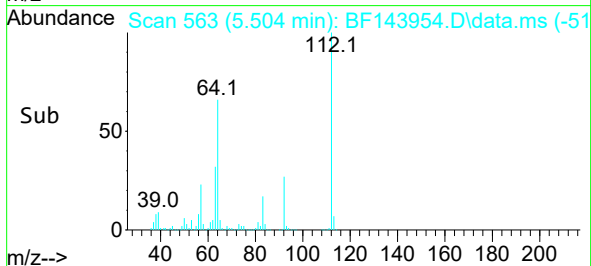
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Tgt Ion:112 Resp: 87061
Ion Ratio Lower Upper
112 100
64 65.8 49.1 73.7
63 32.1 24.5 36.7

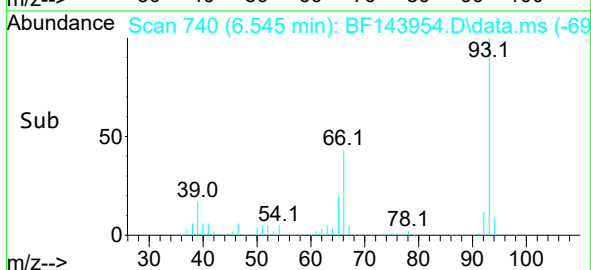
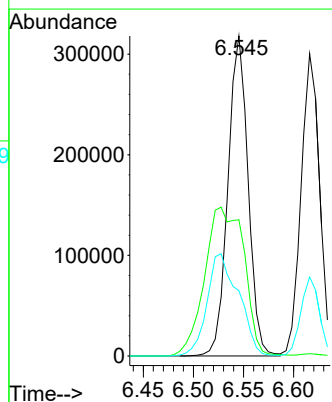
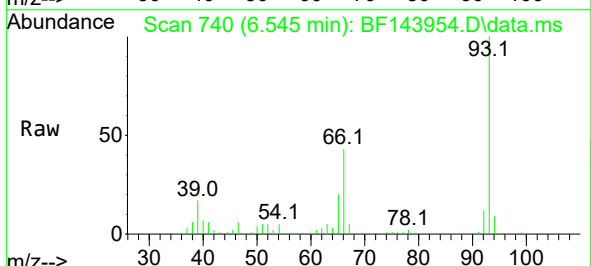
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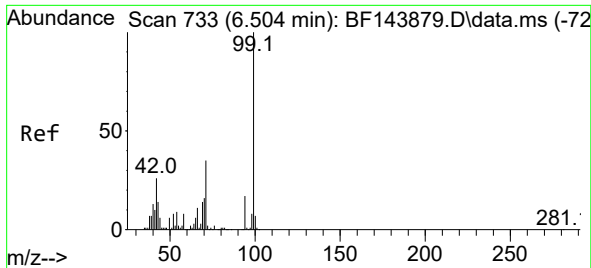
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#6
Aniline
Concen: 33.42 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

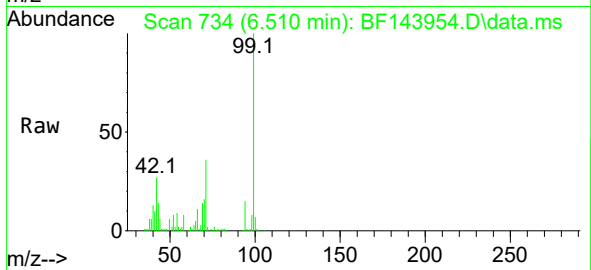
Tgt Ion: 93 Resp: 445252
Ion Ratio Lower Upper
93 100
66 42.5 33.0 49.6
65 20.4 15.8 23.8





#7
Phenol-d6
Concen: 119.37 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

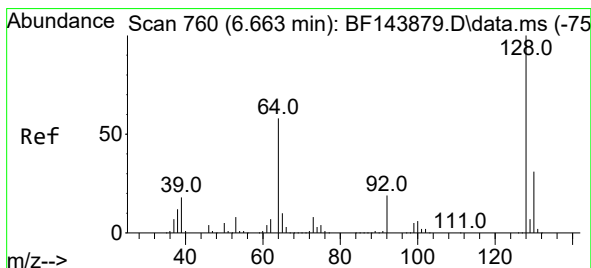
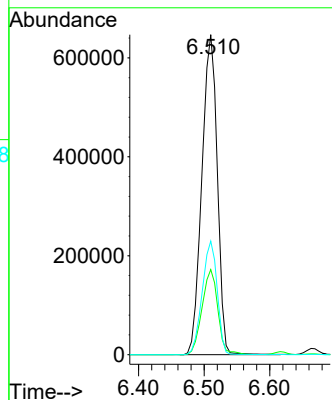
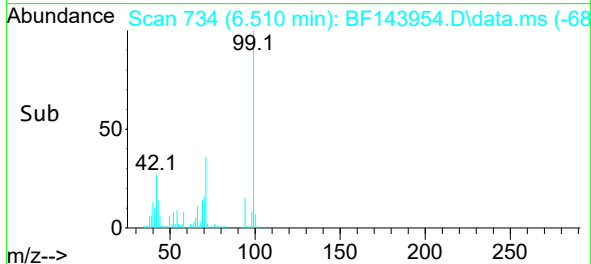
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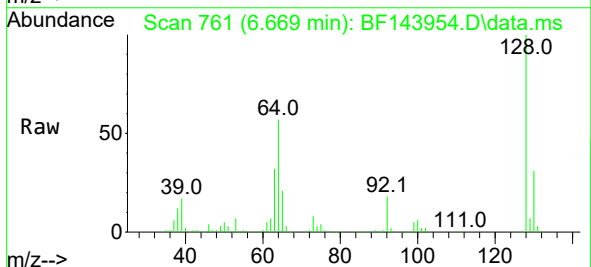
Tgt Ion: 99 Resp: 1061192
Ion Ratio Lower Upper
99 100
42 26.6 21.0 31.4
71 35.5 27.8 41.8

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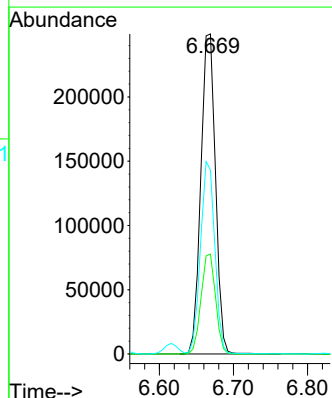
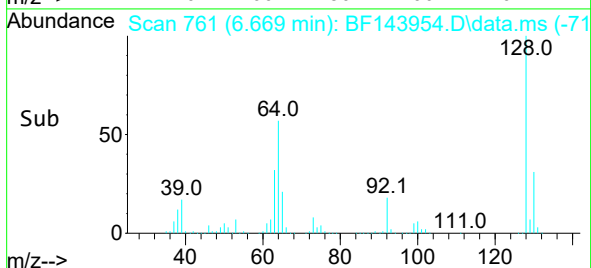
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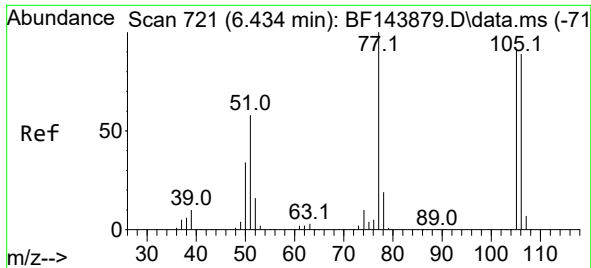


#8
2-Chlorophenol
Concen: 46.89 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



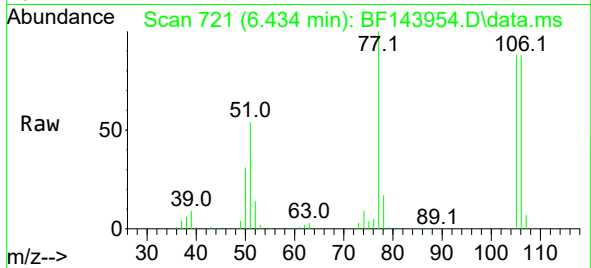
Tgt Ion:128 Resp: 341863
Ion Ratio Lower Upper
128 100
130 31.2 10.7 50.7
64 57.5 39.0 79.0





#9
Benzaldehyde
Concen: 29.87 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

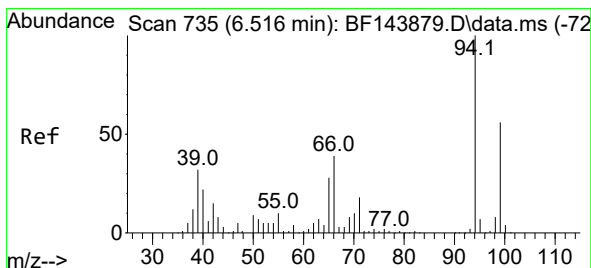
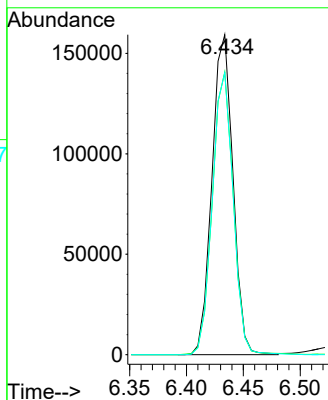
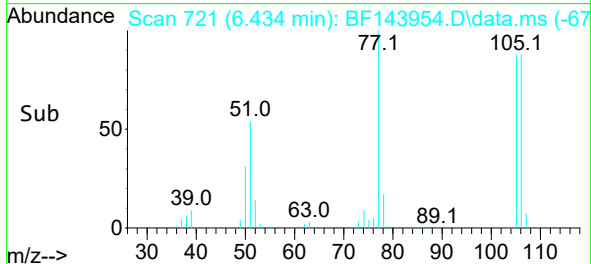
Instrument :
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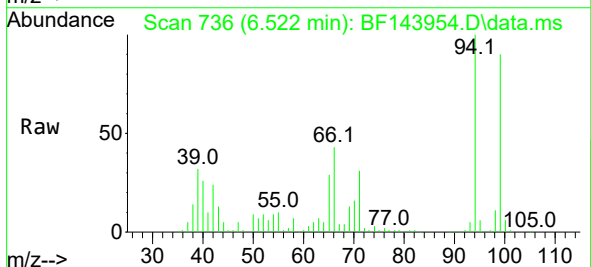
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Ion Ratio Lower Upper
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106 88.1 68.9 108.9

Manual Integrations
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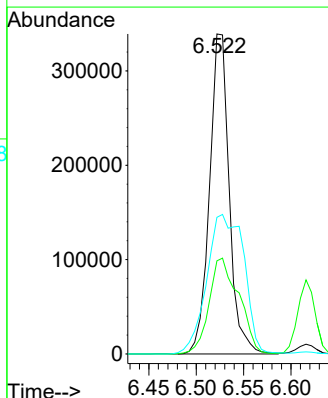
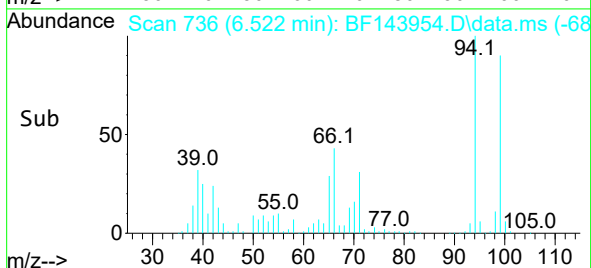
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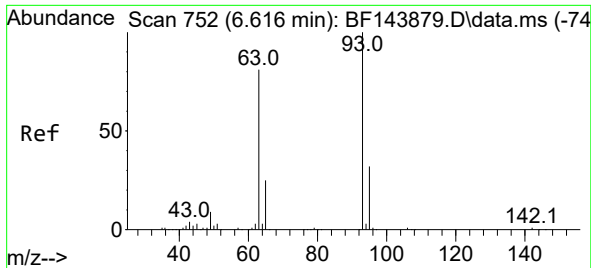


#10
Phenol
Concen: 46.17 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



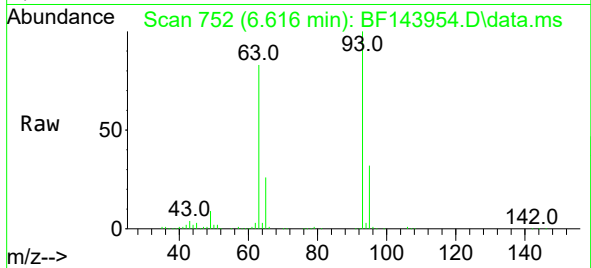
Tgt Ion: 94 Resp: 490735
Ion Ratio Lower Upper
94 100
65 29.1 8.5 48.5
66 42.7 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 46.13 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

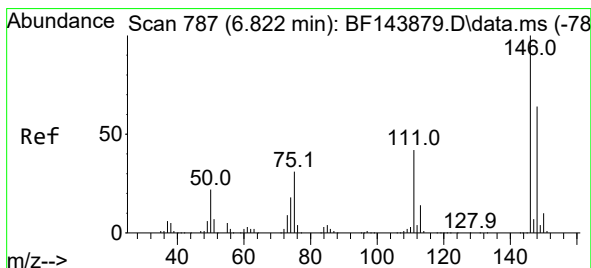
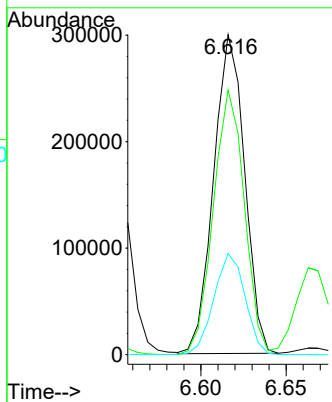
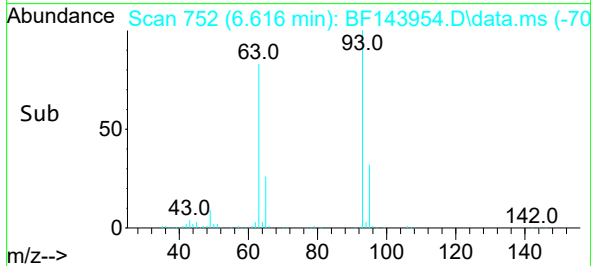
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



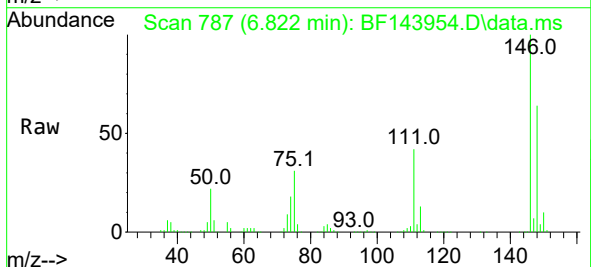
Tgt Ion: 93 Resp: 378709
Ion Ratio Lower Upper
93 100
63 82.7 60.9 100.9
95 31.6 11.5 51.5

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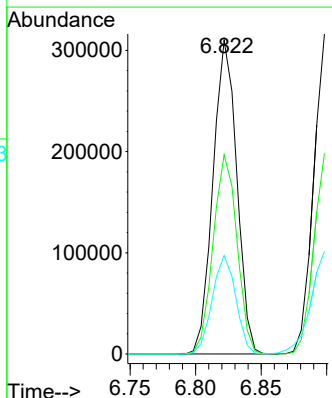
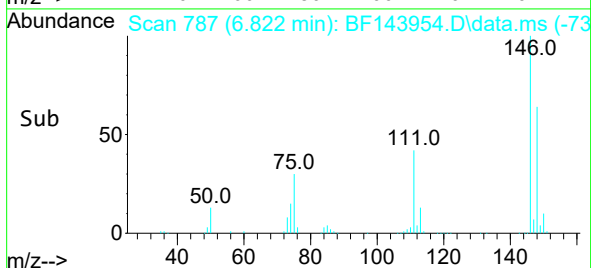
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

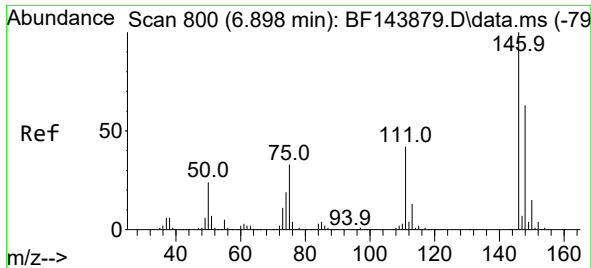


#12
1,3-Dichlorobenzene
Concen: 44.80 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion:146 Resp: 390997
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 31.4 24.9 37.3





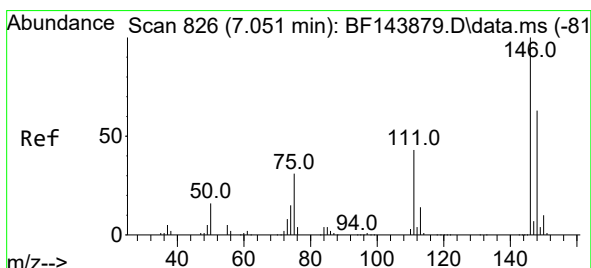
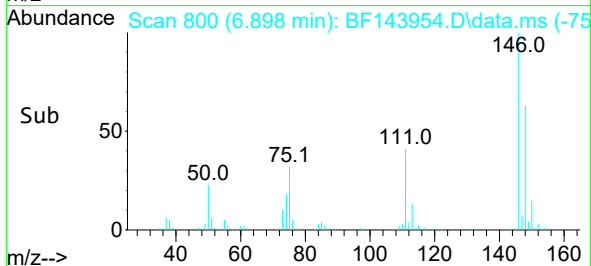
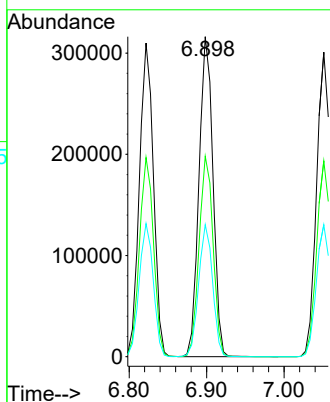
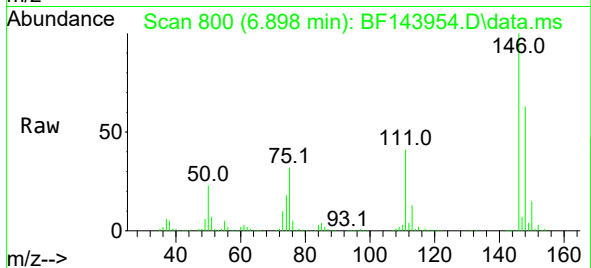
#13
1,4-Dichlorobenzene
Concen: 46.05 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB170101BSD

Tgt Ion:146 Resp: 39642
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 41.2 33.4 50.0

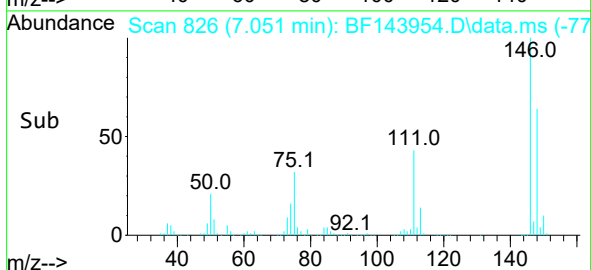
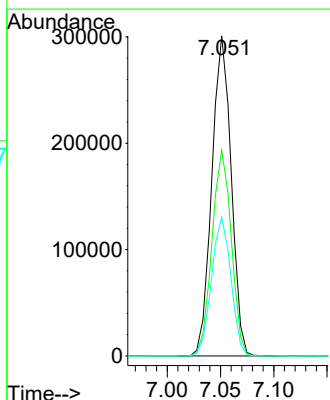
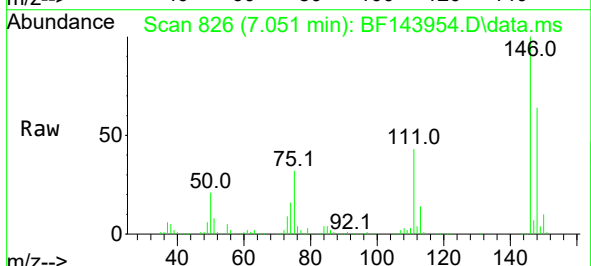
Manual Integrations
APPROVED

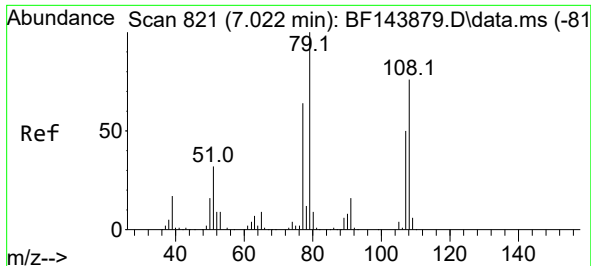
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#14
1,2-Dichlorobenzene
Concen: 46.14 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

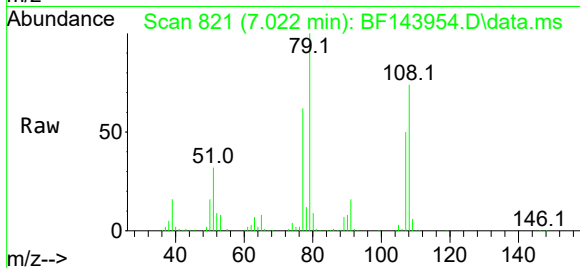
Tgt Ion:146 Resp: 380436
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 43.4 34.6 51.8





#15
Benzyl Alcohol
Concen: 48.90 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

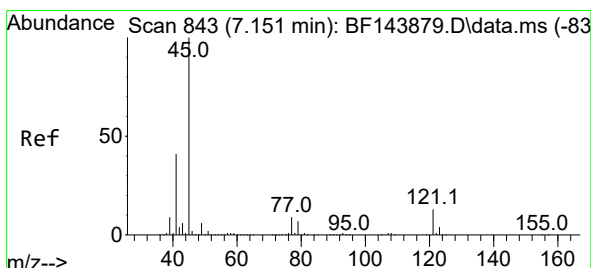
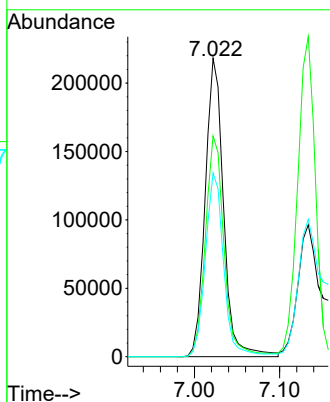
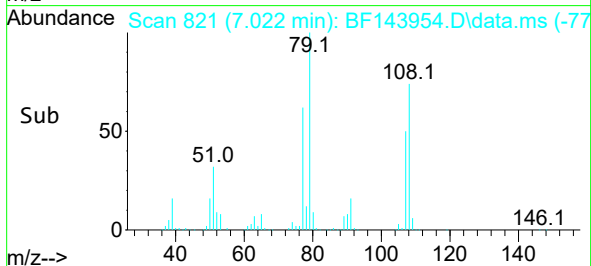
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



Tgt Ion: 79 Resp: 32572
Ion Ratio Lower Upper
79 100
108 74.0 60.8 91.2
77 61.6 51.0 76.6

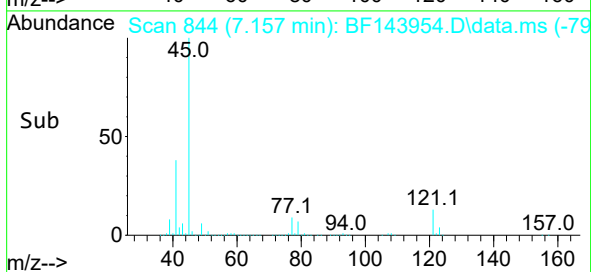
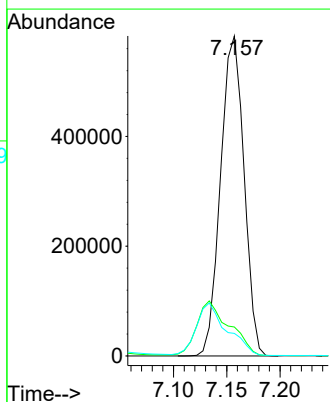
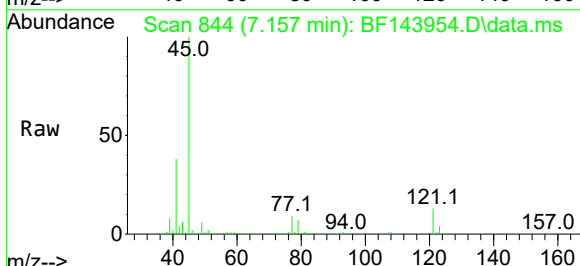
Manual Integrations
APPROVED

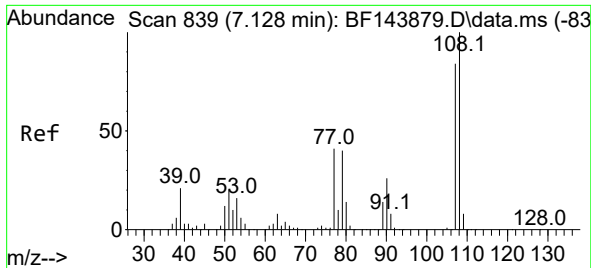
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.68 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Tgt Ion: 45 Resp: 891049
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 7.1 0.0 26.8





#17
2-Methylphenol
Concen: 47.89 ng
RT: 7.133 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

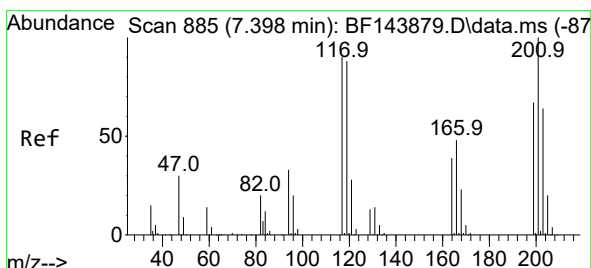
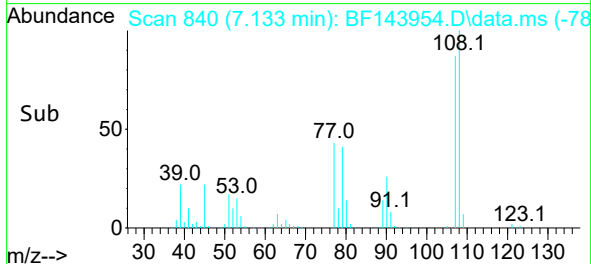
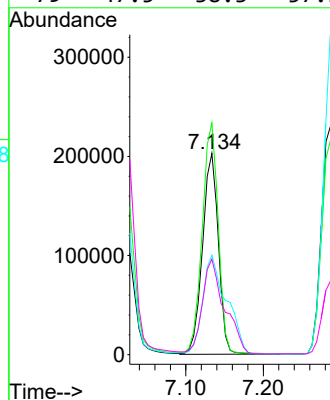
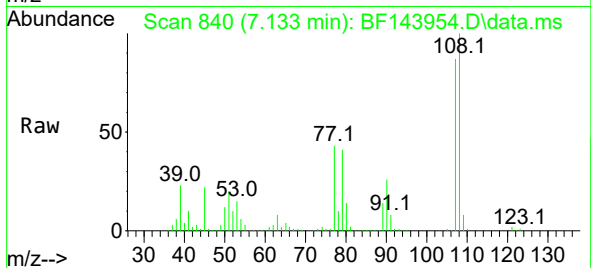
PB170101BSD

Tgt Ion:107 Resp: 28855
Ion Ratio Lower Upper
107 100
108 115.3 94.7 142.1
77 49.5 38.8 58.2
79 47.5 38.3 57.5

Manual Integrations

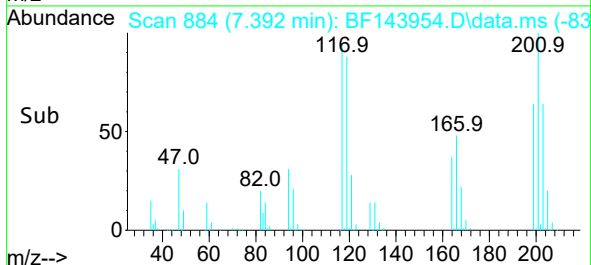
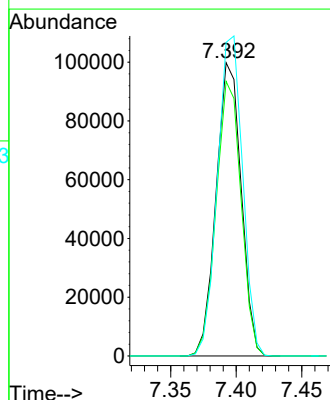
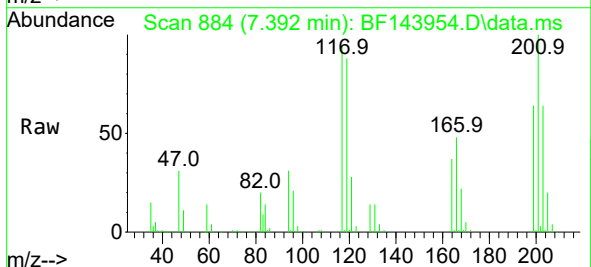
APPROVED

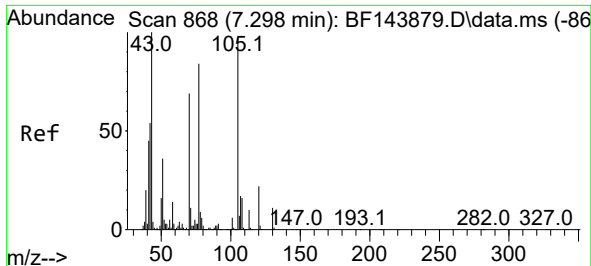
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#18
Hexachloroethane
Concen: 46.21 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Tgt Ion:117 Resp: 132658
Ion Ratio Lower Upper
117 100
119 93.6 77.8 116.8
201 106.9 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.89 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.024 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD

Tgt Ion: 70 Resp: 267094

Ion Ratio Lower Upper

70 100

42 81.0 62.8 94.2

101 8.2 6.7 10.1

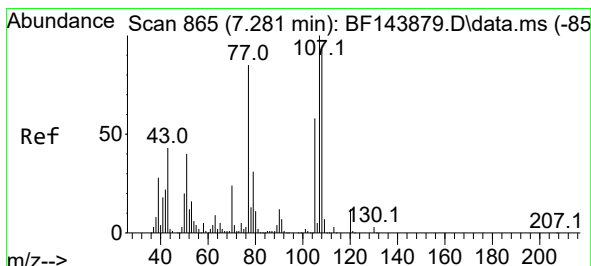
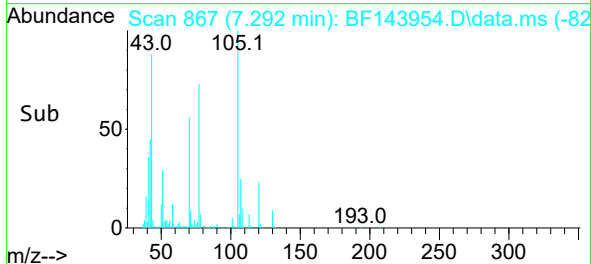
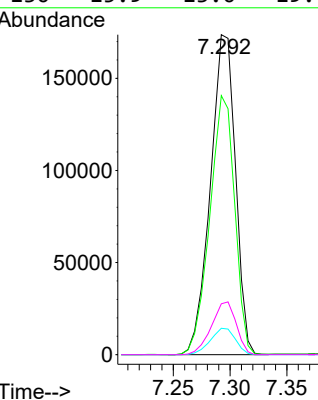
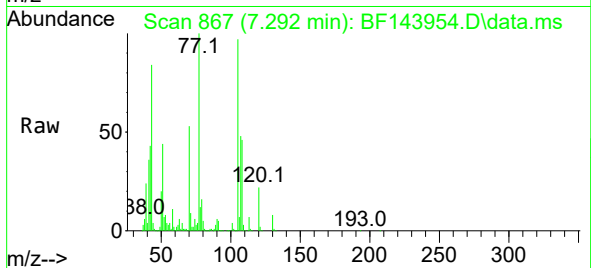
130 15.9 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#20

3+4-Methylphenols

Concen: 44.59 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

Tgt Ion:107 Resp: 311375

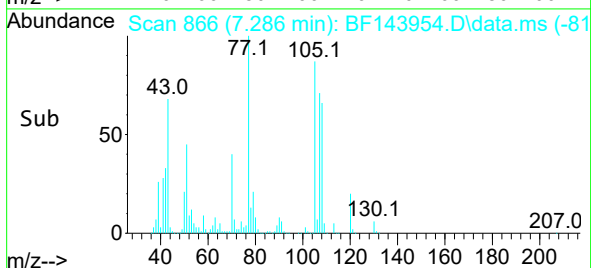
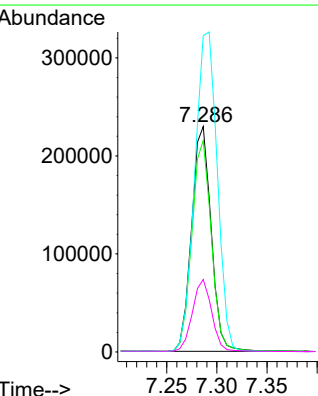
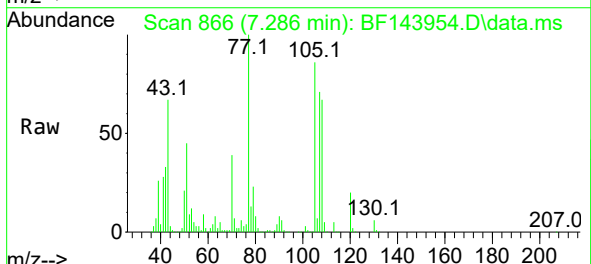
Ion Ratio Lower Upper

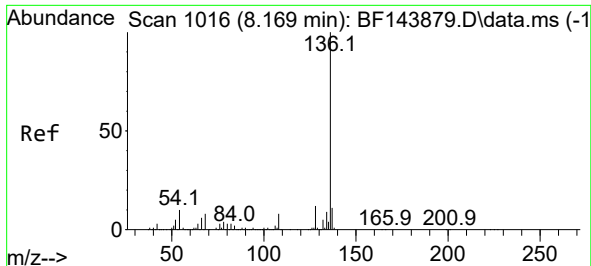
107 100

108 93.7 73.0 113.0

77 140.3 64.6 104.6#

79 32.1 11.5 51.5





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD

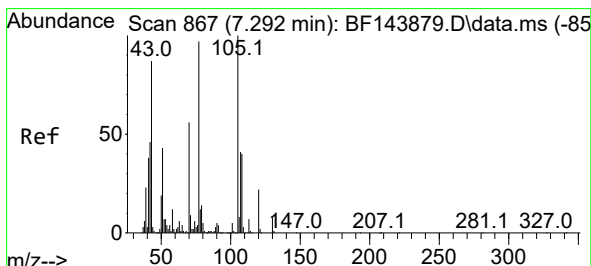
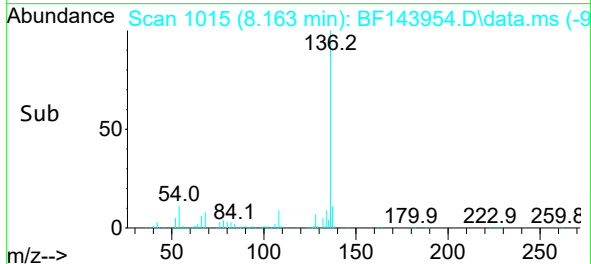
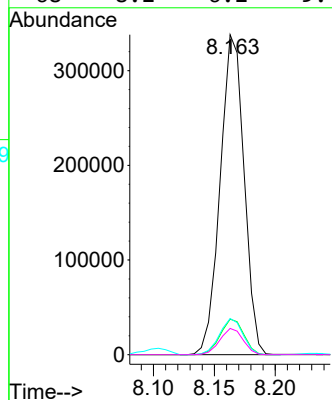
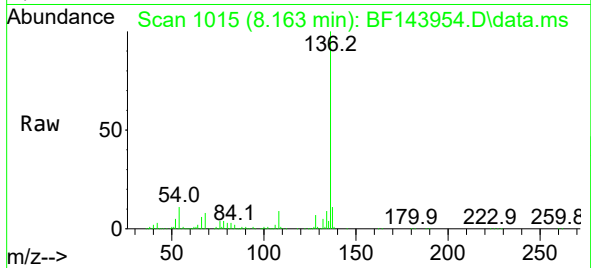
Tgt Ion:136 Resp: 461111
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.3 8.2 12.4
68 8.2 6.2 9.4

Manual Integrations

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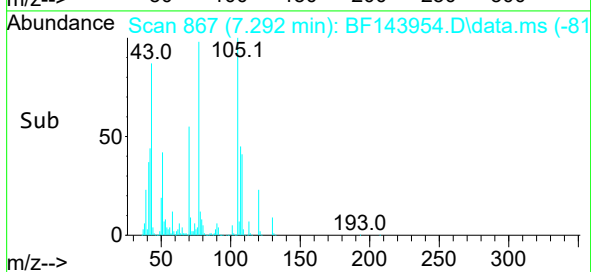
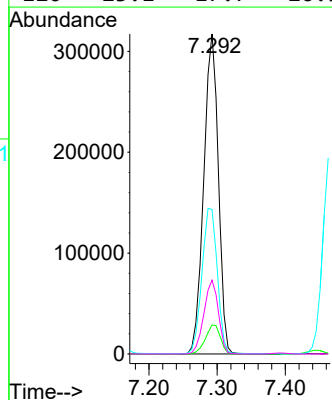
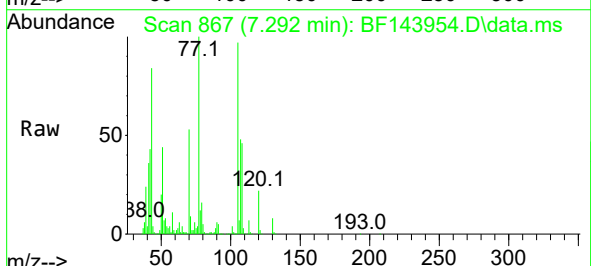
Reviewed By :Rahul Chavli 10/16/2025

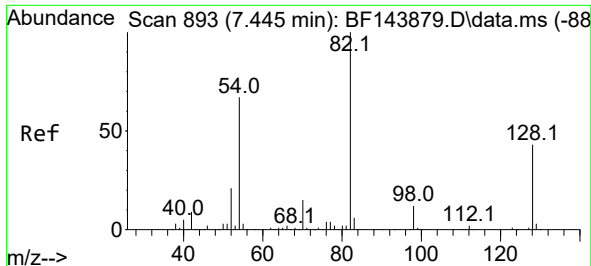
Supervised By :Jagrut Upadhyay 10/16/2025



#22
Acetophenone
Concen: 48.41 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

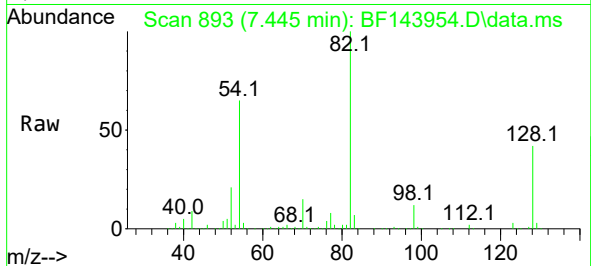
Tgt Ion:105 Resp: 471990
Ion Ratio Lower Upper
105 100
71 9.1 7.4 11.0
51 45.2 34.2 51.4
120 23.1 17.7 26.5





#23
Nitrobenzene-d5
Concen: 87.96 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

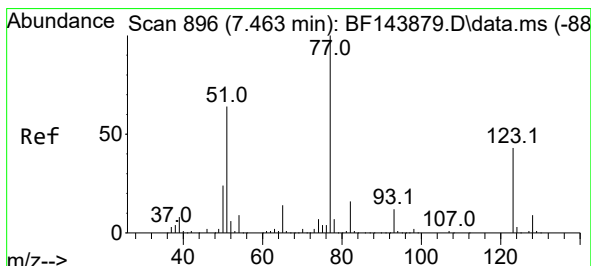
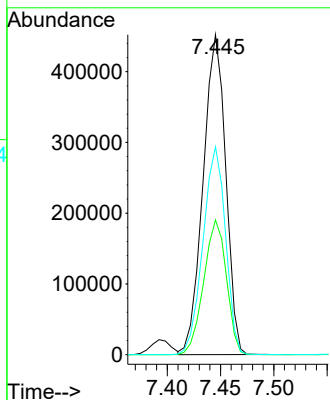
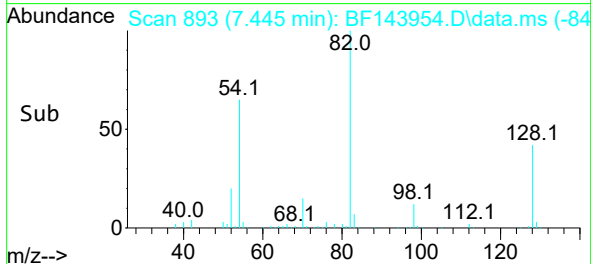
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



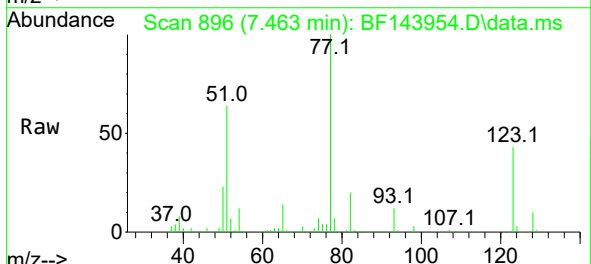
Tgt Ion: 82 Resp: 66759
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 64.9 53.2 79.8

Manual Integrations
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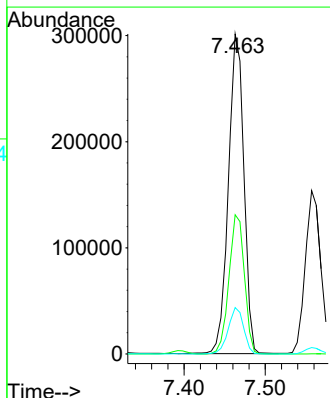
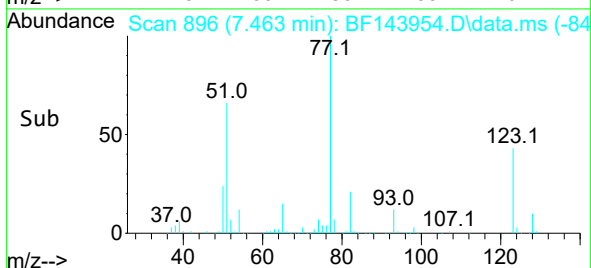
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

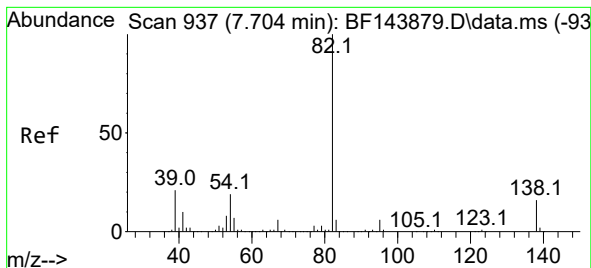


#24
Nitrobenzene
Concen: 47.33 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion: 77 Resp: 398900
Ion Ratio Lower Upper
77 100
123 43.5 34.2 51.4
65 14.5 11.0 16.6





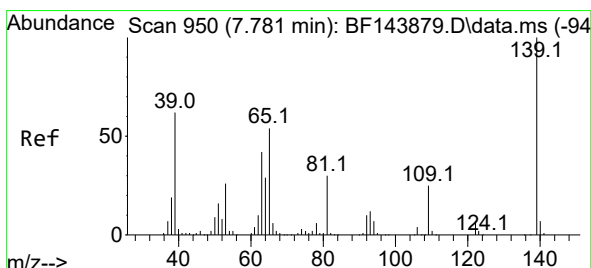
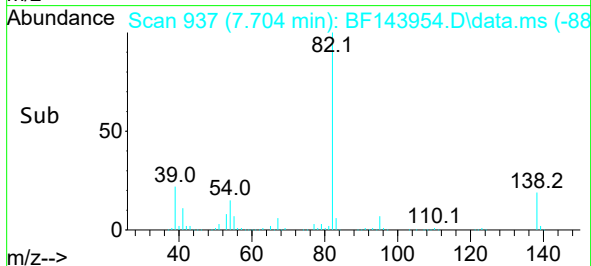
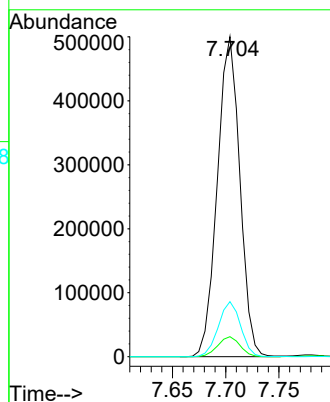
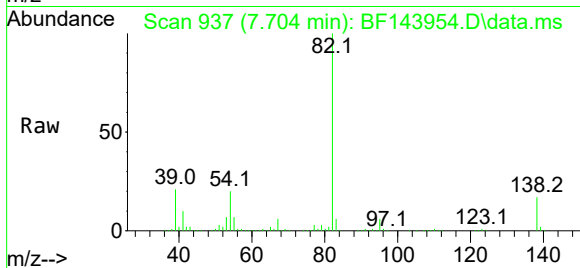
#25
Isophorone
Concen: 45.94 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB170101BSD

Tgt Ion: 82 Resp: 73514
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 17.2 12.9 19.3

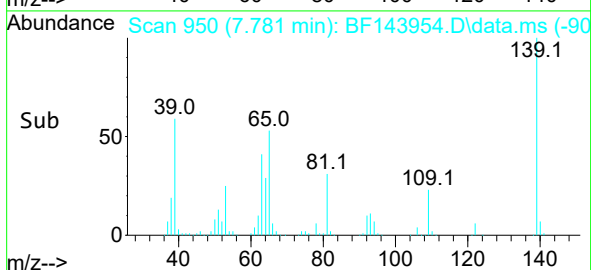
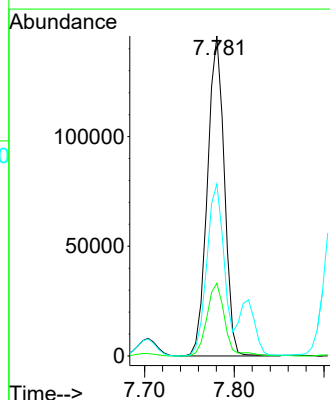
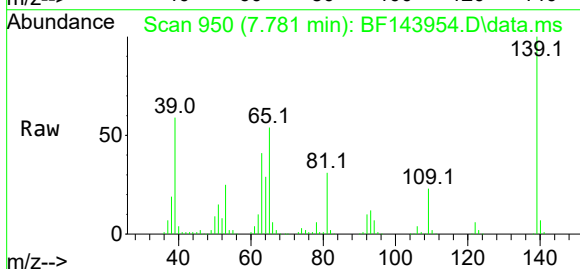
Manual Integrations
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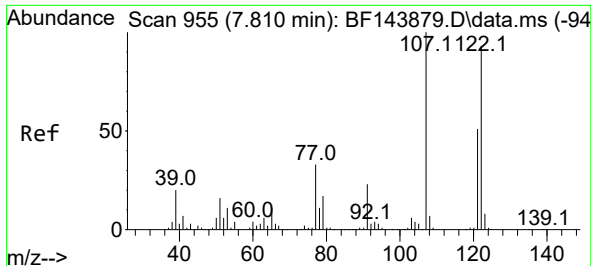
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#26
2-Nitrophenol
Concen: 52.77 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Tgt Ion:139 Resp: 190700
Ion Ratio Lower Upper
139 100
109 22.7 19.8 29.6
65 53.8 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 50.41 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD

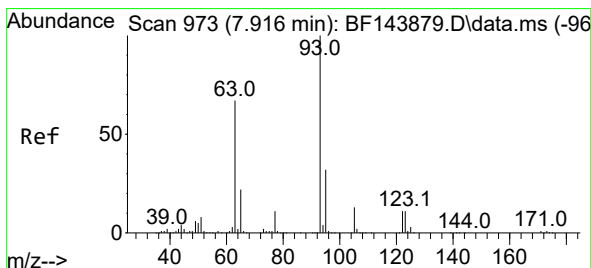
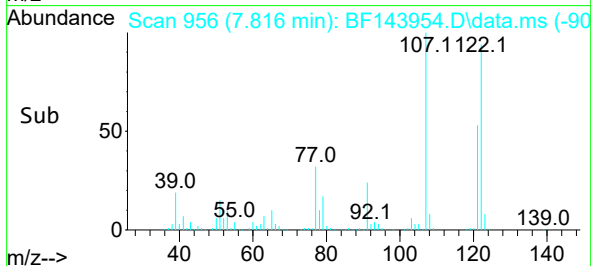
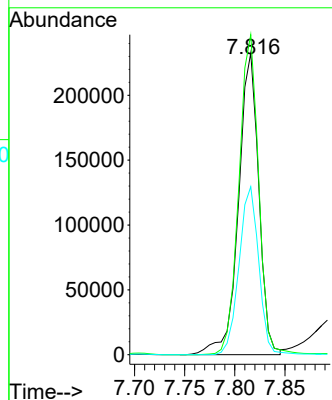
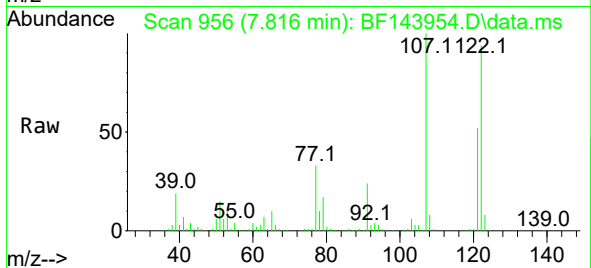
Tgt Ion:122 Resp: 32766
Ion Ratio Lower Upper
122 100
107 106.1 86.1 129.1
121 55.7 43.8 65.6

Manual Integrations

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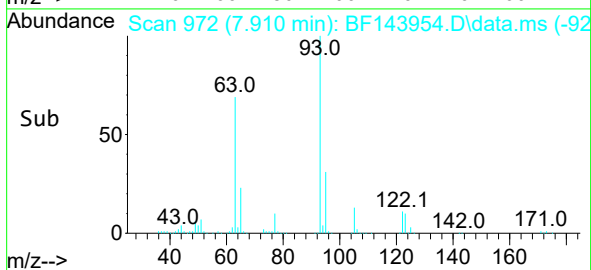
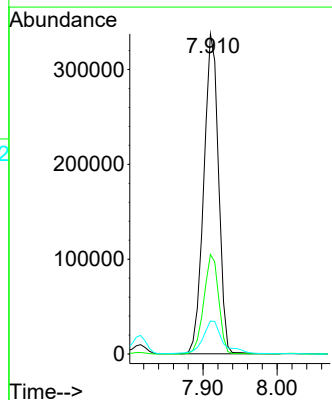
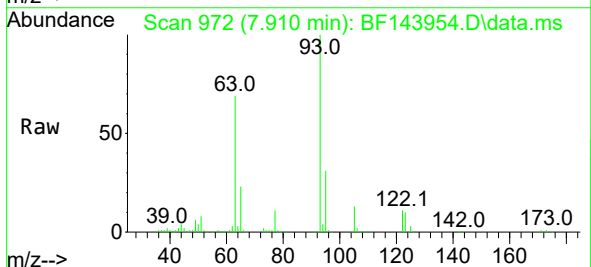
Reviewed By :Rahul Chavli 10/16/2025

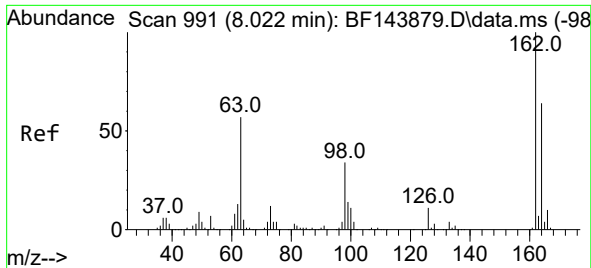
Supervised By :Jagrut Upadhyay 10/16/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.18 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Tgt Ion: 93 Resp: 466831
Ion Ratio Lower Upper
93 100
95 31.1 25.9 38.9
123 10.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.90 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143954.D

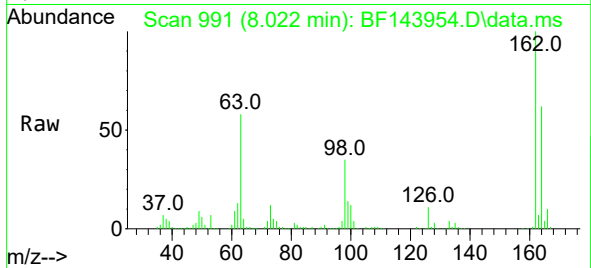
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD



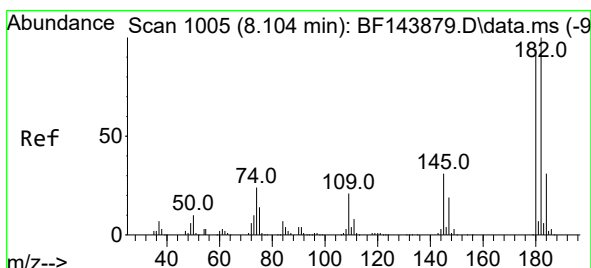
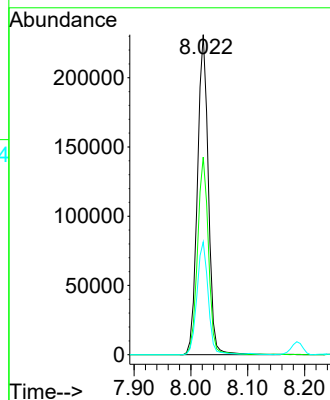
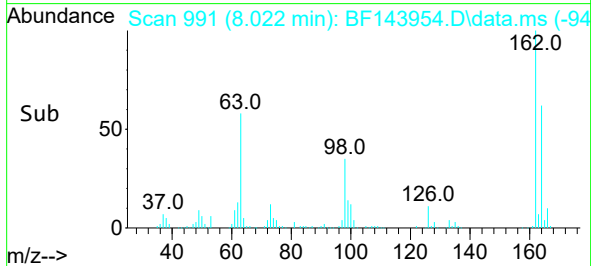
Tgt Ion:	162	Resp:	31081
Ion Ratio	Lower	Upper	
162	100		
164	61.8	43.9	83.9
98	35.2	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.92 ng

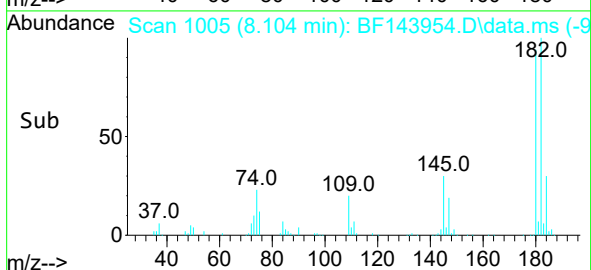
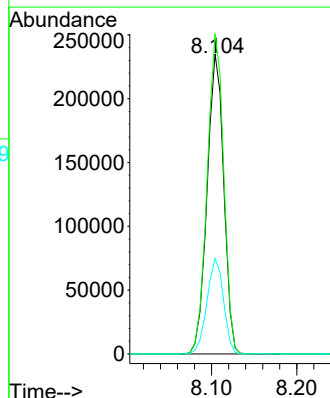
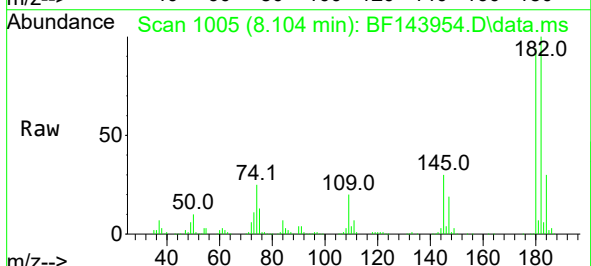
RT: 8.104 min Scan# 1005

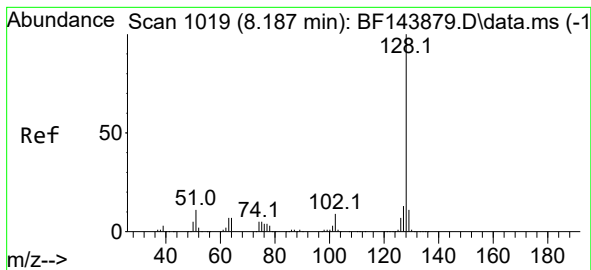
Delta R.T. -0.006 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

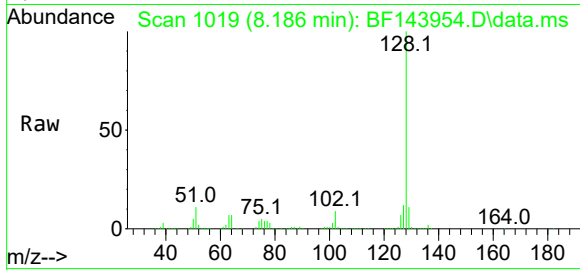
Tgt Ion:	180	Resp:	319085
Ion Ratio	Lower	Upper	
180	100		
182	106.6	85.4	128.0
145	31.8	26.3	39.5





#31
Naphthalene
Concen: 44.47 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

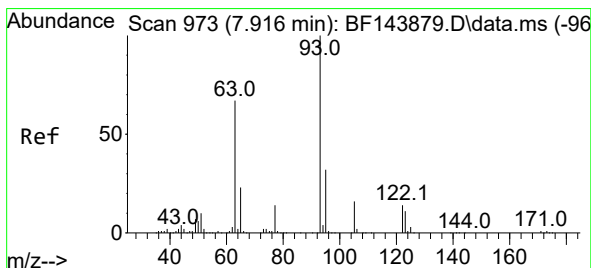
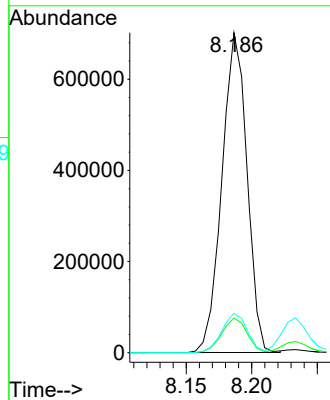
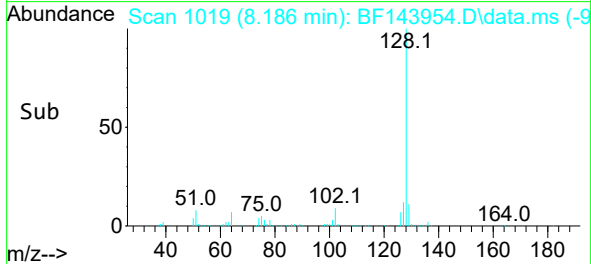
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



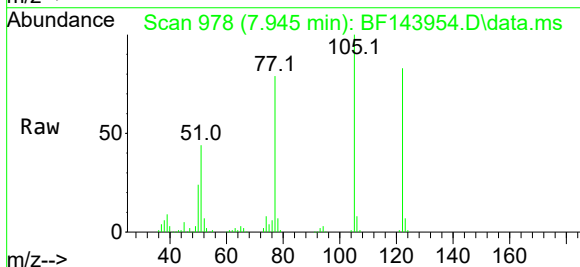
Tgt Ion:128 Resp: 93285
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.3 10.0 15.0

Manual Integrations
APPROVED

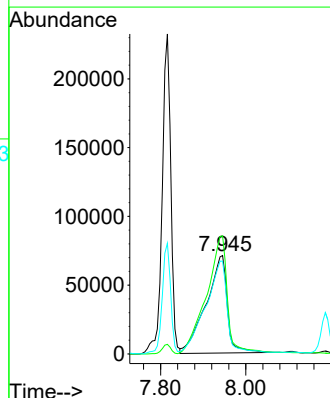
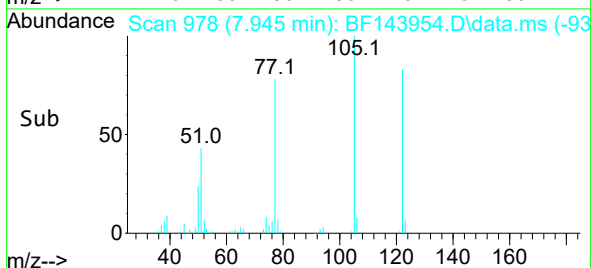
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

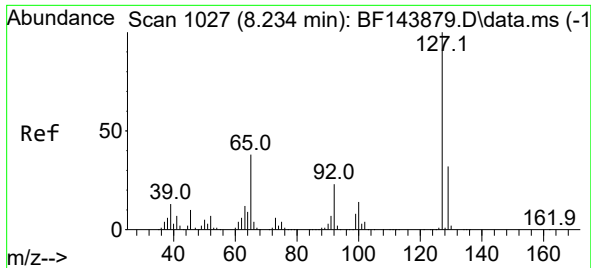


#32
Benzoic acid
Concen: 54.48 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.018 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion:122 Resp: 245097
Ion Ratio Lower Upper
122 100
105 120.1 93.5 133.5
77 94.3 76.3 116.3





#33
4-Chloroaniline
Concen: 14.35 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD

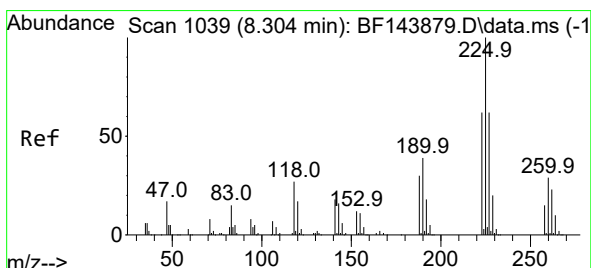
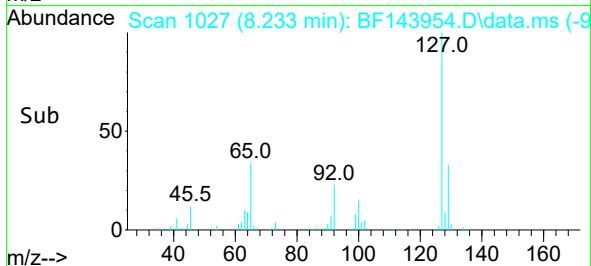
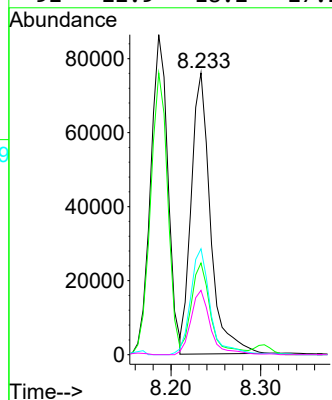
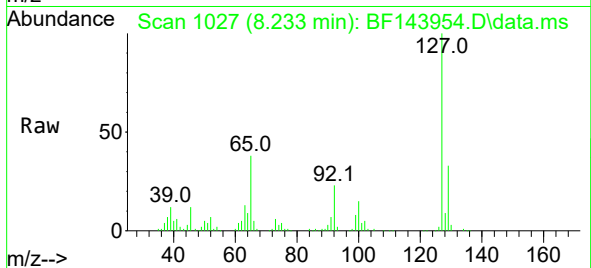
Tgt Ion:127 Resp: 112924
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 37.6 30.0 45.0
92 22.9 18.2 27.2

Manual Integrations

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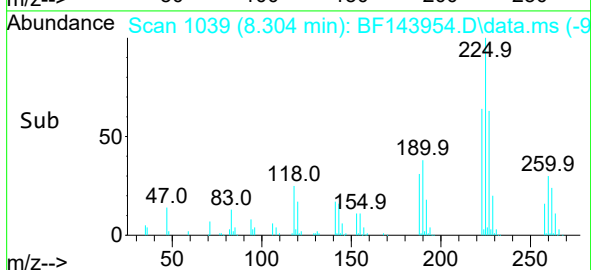
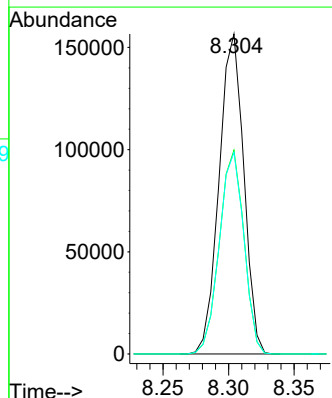
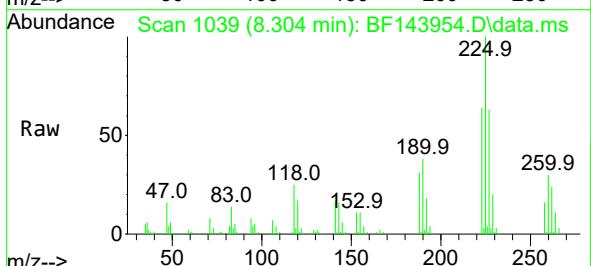
Reviewed By :Rahul Chavli 10/16/2025

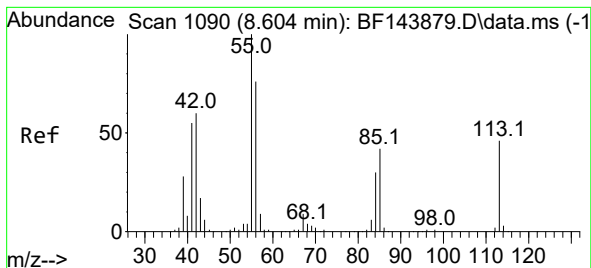
Supervised By :Jagrut Upadhyay 10/16/2025



#34
Hexachlorobutadiene
Concen: 44.25 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

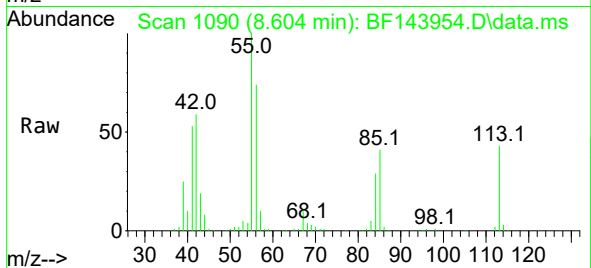
Tgt Ion:225 Resp: 204754
Ion Ratio Lower Upper
225 100
223 63.6 49.4 74.2
227 63.0 49.7 74.5





#35
 Caprolactam
 Concen: 48.55 ng m
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.041 min
 Lab File: BF143954.D
 Acq: 15 Oct 2025 16:00

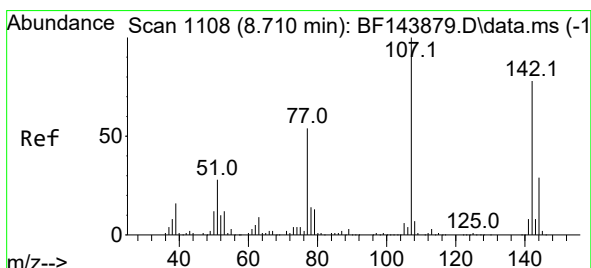
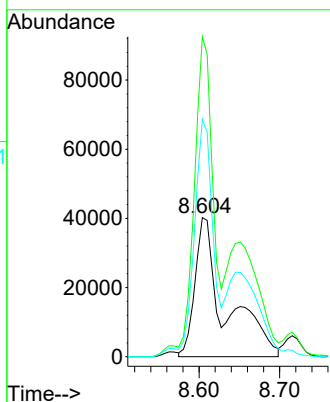
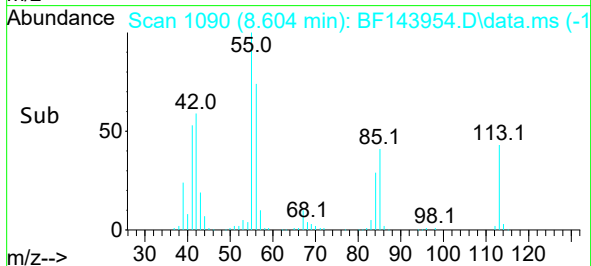
Instrument :
 BNA_F
 ClientSampleId :
 PB170101BSD



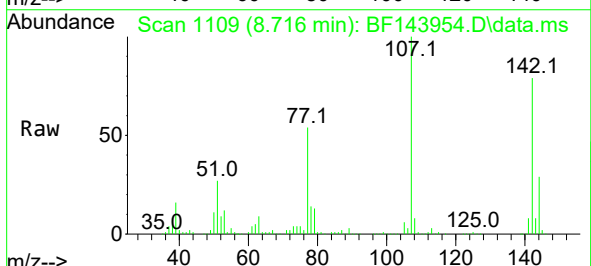
Tgt Ion:113 Resp: 104520
 Ion Ratio Lower Upper
 113 100
 55 230.2 199.6 239.6
 56 170.8 146.0 186.0

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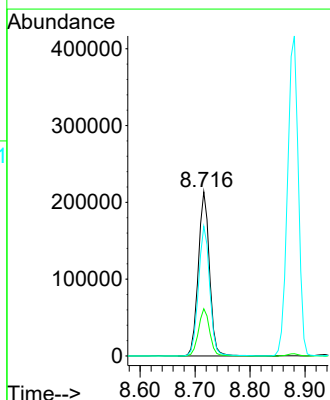
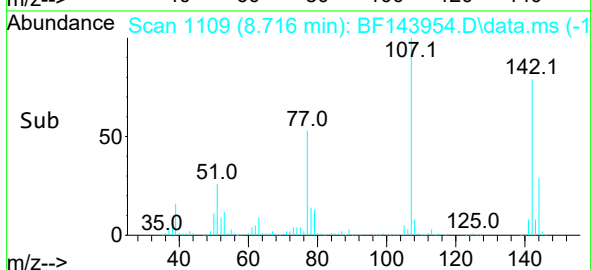
Reviewed By :Rahul Chavli 10/16/2025
 Supervised By :Jagrut Upadhyay 10/16/2025

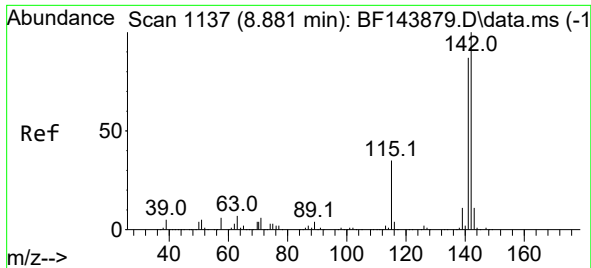


#36
 4-Chloro-3-methylphenol
 Concen: 46.77 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143954.D
 Acq: 15 Oct 2025 16:00



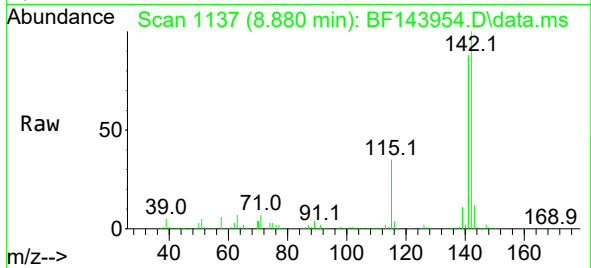
Tgt Ion:107 Resp: 304222
 Ion Ratio Lower Upper
 107 100
 144 28.8 23.1 34.7
 142 78.9 62.6 94.0





#37
2-Methylnaphthalene
Concen: 40.46 ng
RT: 8.880 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

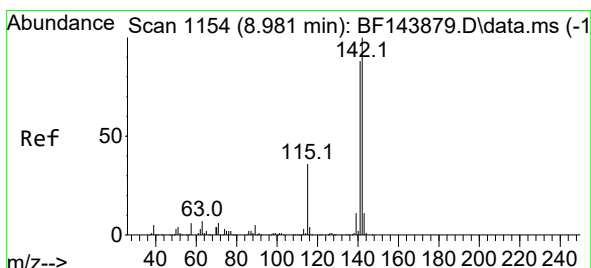
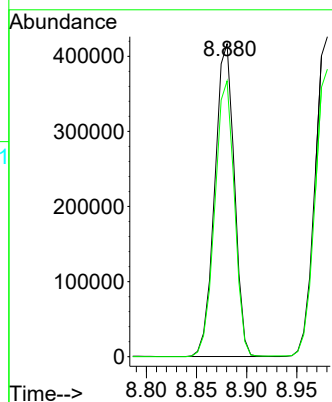
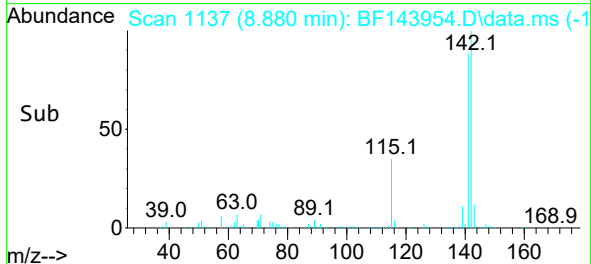
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



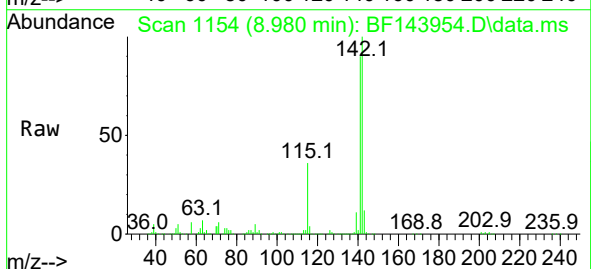
Tgt Ion:142 Resp: 565312
Ion Ratio Lower Upper
142 100
141 88.1 69.2 103.8

Manual Integrations
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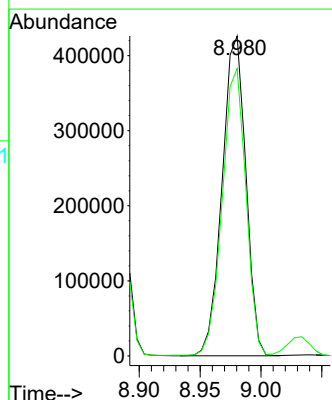
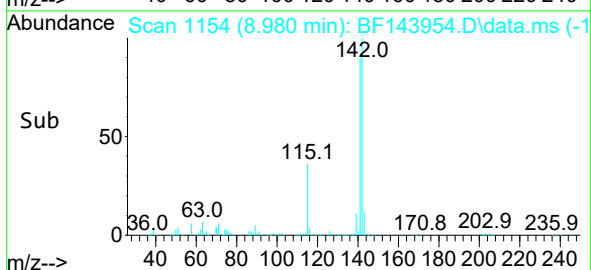
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

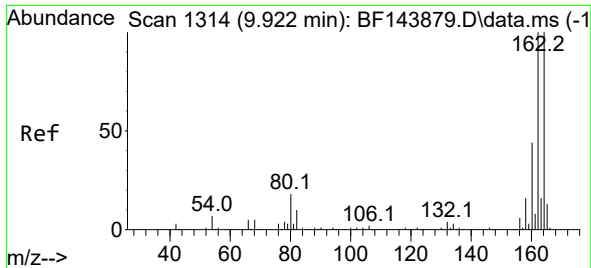


#38
1-Methylnaphthalene
Concen: 42.61 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion:142 Resp: 577526
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.927 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF143954.D

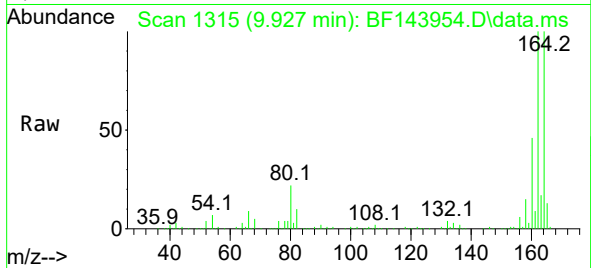
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD



Tgt Ion:164 Resp: 248199

Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.2

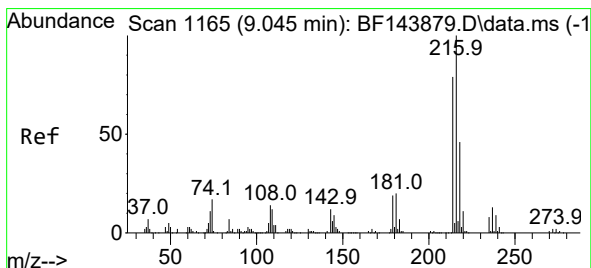
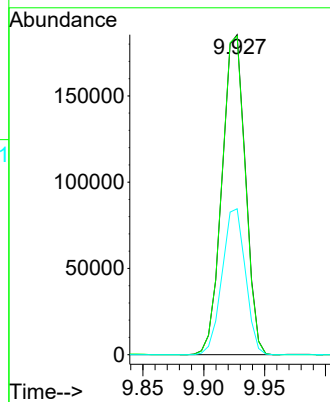
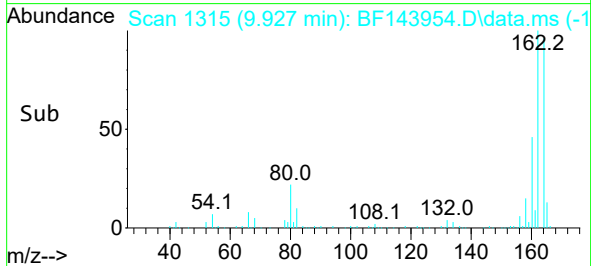
160 45.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.32 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

Tgt Ion:216 Resp: 338319

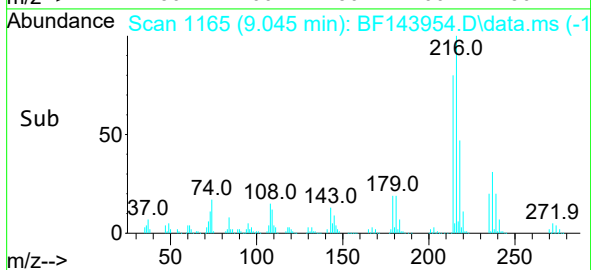
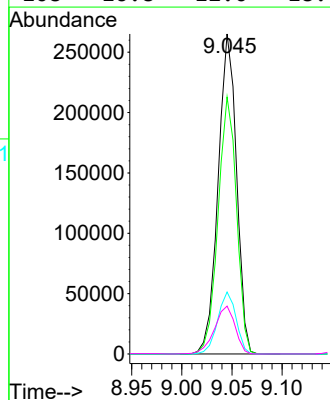
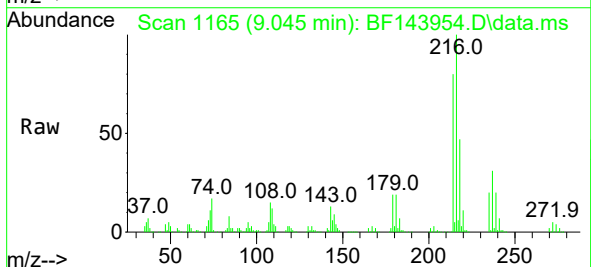
Ion Ratio Lower Upper

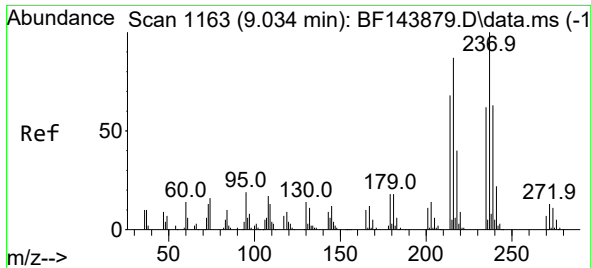
216 100

214 80.4 62.6 94.0

179 19.4 15.4 23.0

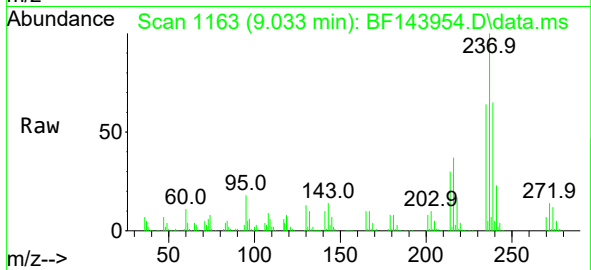
108 16.8 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 116.90 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

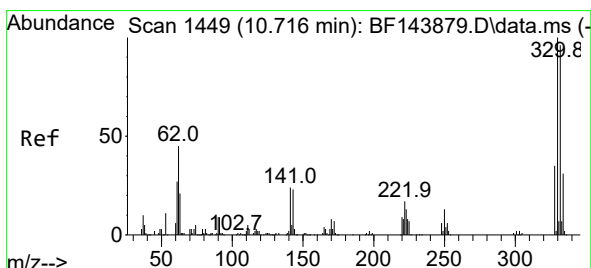
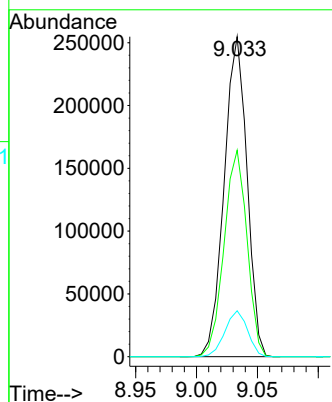
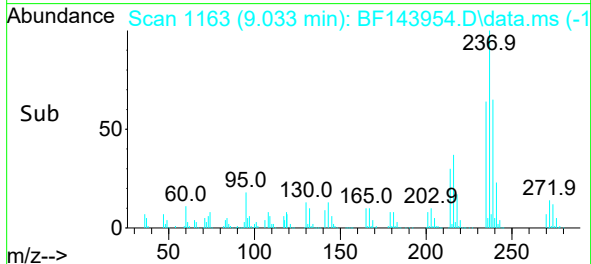
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



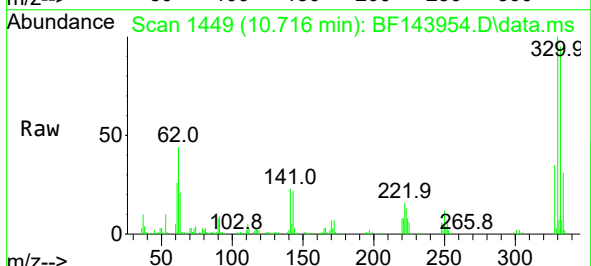
Tgt Ion:237 Resp: 33269
Ion Ratio Lower Upper
237 100
235 64.5 42.3 82.3
272 14.3 0.0 33.1

Manual Integrations
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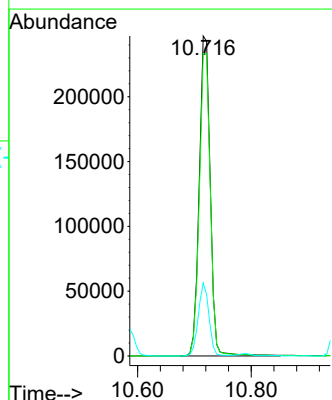
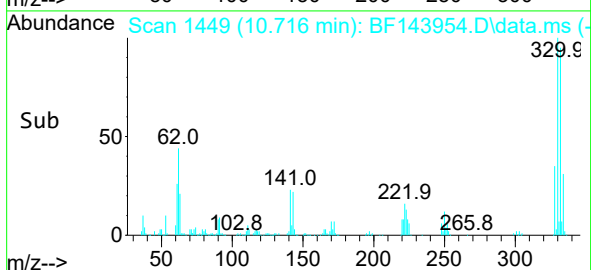
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

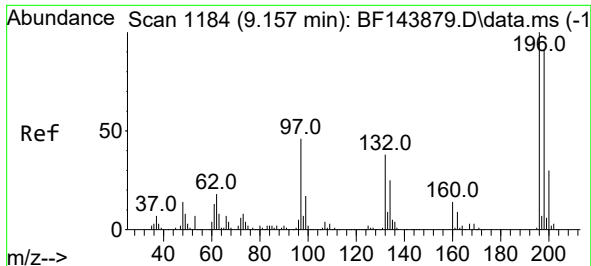


#42
2,4,6-Tribromophenol
Concen: 134.79 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion:330 Resp: 333227
Ion Ratio Lower Upper
330 100
332 94.7 76.9 115.3
141 22.2 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 46.01 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143954.D

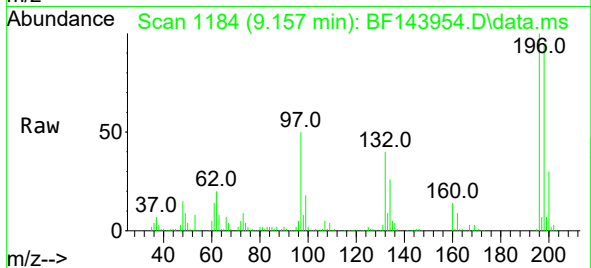
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD



Tgt Ion:196 Resp: 230618

Ion Ratio Lower Upper

196 100

198 94.5 72.8 109.2

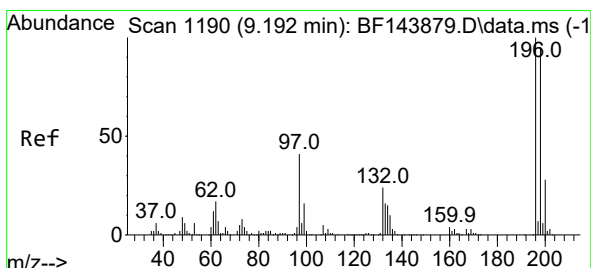
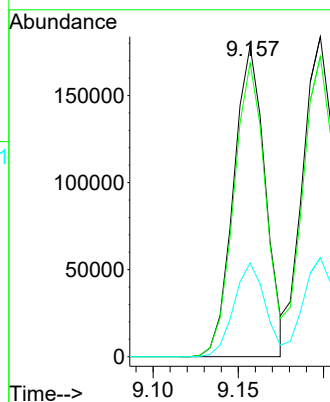
200 30.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#44

2,4,5-Trichlorophenol

Concen: 47.52 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

Tgt Ion:196 Resp: 251716

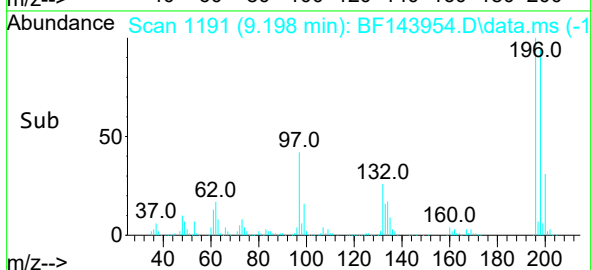
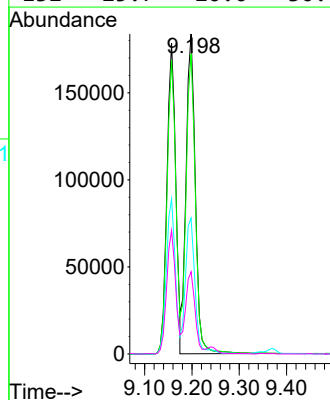
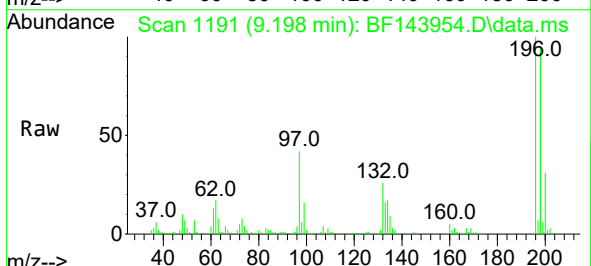
Ion Ratio Lower Upper

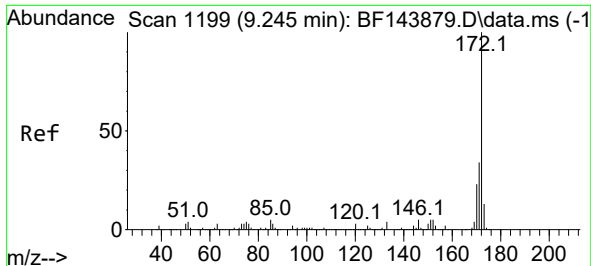
196 100

198 93.8 75.5 113.3

97 42.4 33.9 50.9

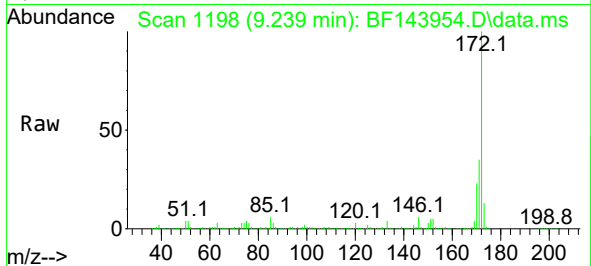
132 25.7 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 80.14 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

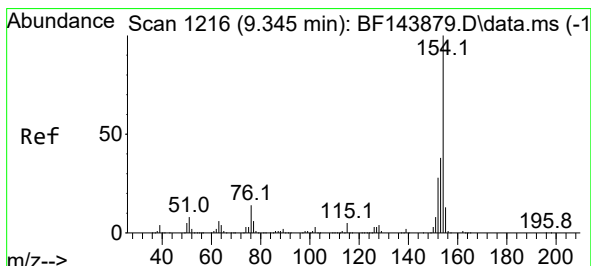
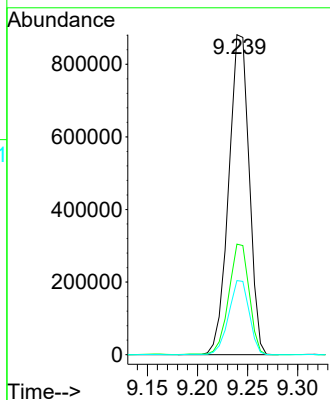
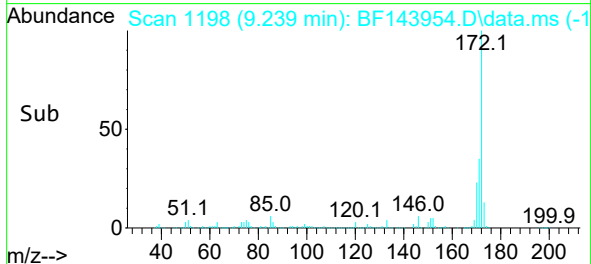
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



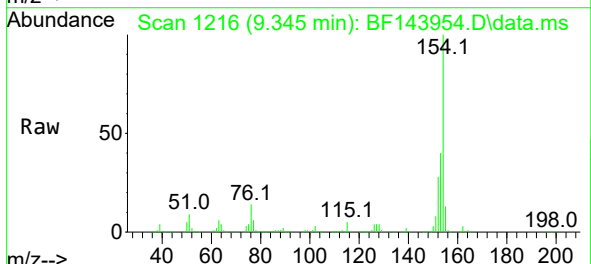
Tgt Ion:172 Resp: 125355
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.1 18.6 28.0

Manual Integrations
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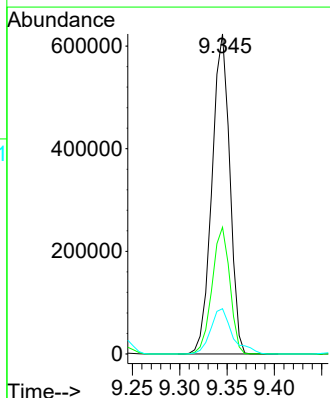
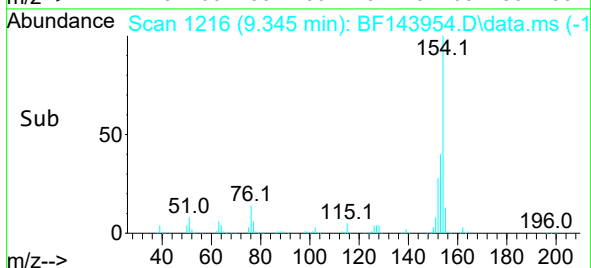
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

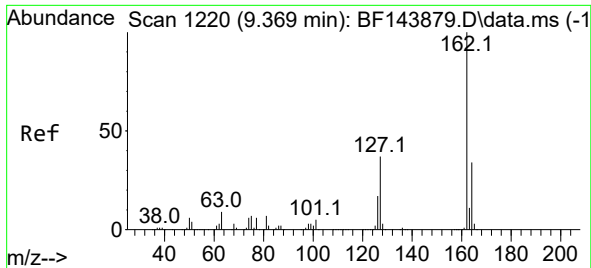


#46
1,1'-Biphenyl
Concen: 49.54 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion:154 Resp: 814095
Ion Ratio Lower Upper
154 100
153 39.6 18.4 58.4
76 14.1 0.0 34.0





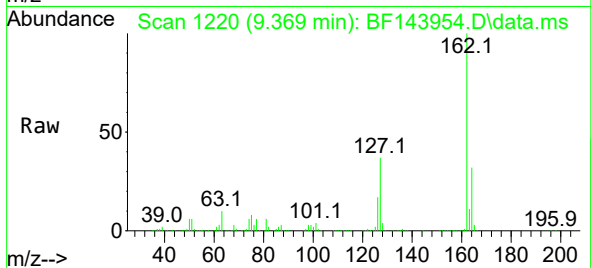
#47
2-Chloronaphthalene
Concen: 45.89 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD



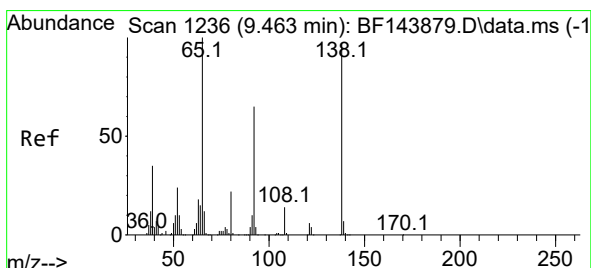
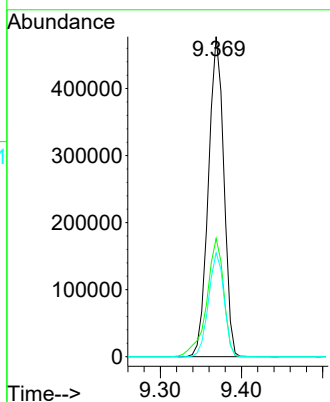
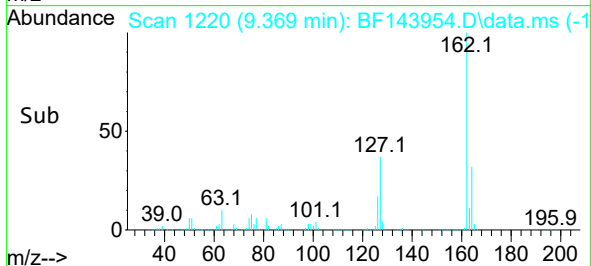
Tgt Ion:162 Resp: 62868
Ion Ratio Lower Upper
162 100
127 36.9 30.2 45.2
164 32.5 26.9 40.3

Manual Integrations

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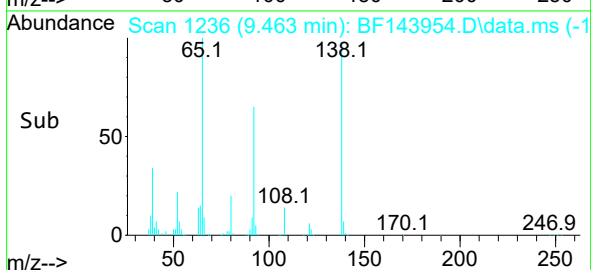
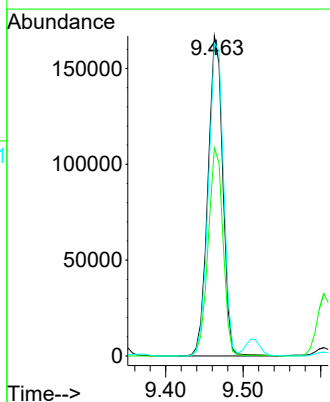
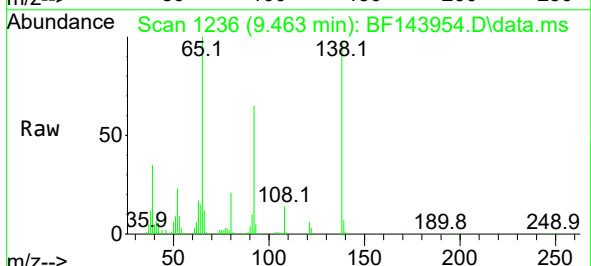
Reviewed By :Rahul Chavli 10/16/2025

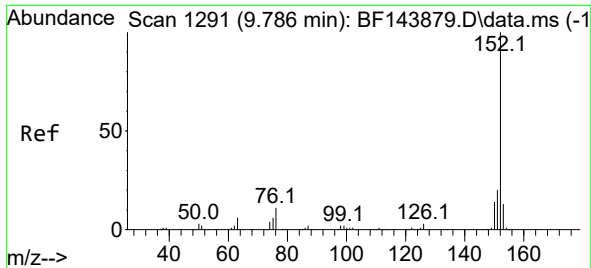
Supervised By :Jagrut Upadhyay 10/16/2025



#48
2-Nitroaniline
Concen: 51.24 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

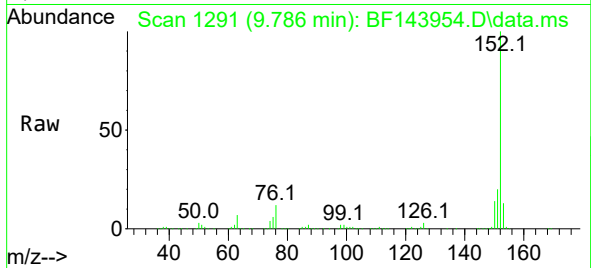
Tgt Ion: 65 Resp: 221953
Ion Ratio Lower Upper
65 100
92 65.0 52.1 78.1
138 97.8 77.4 116.2





#49
Acenaphthylene
Concen: 51.25 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

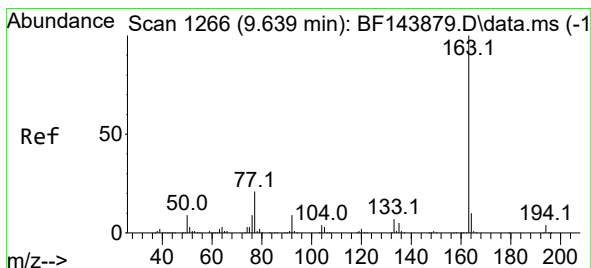
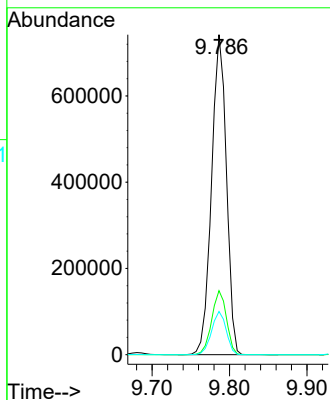
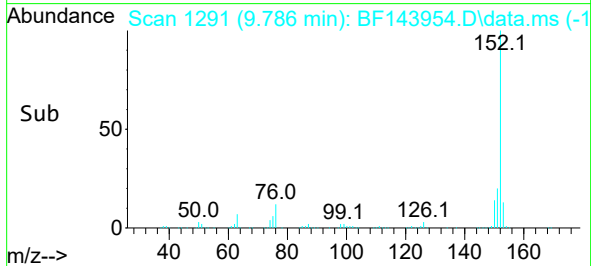
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



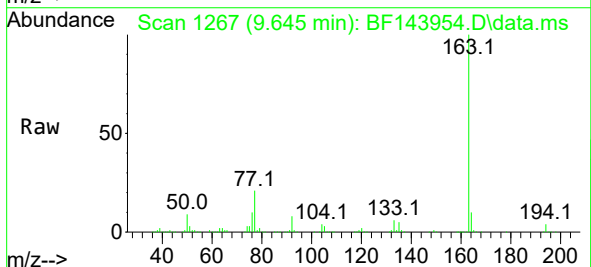
Tgt Ion:152 Resp: 987110
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.5 10.5 15.7

Manual Integrations
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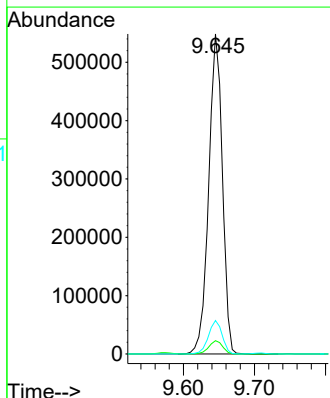
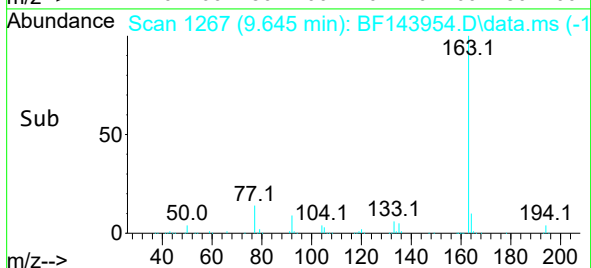
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

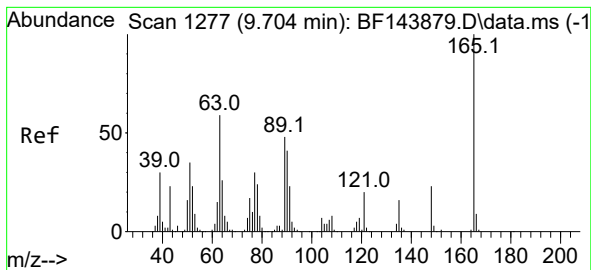


#50
Dimethylphthalate
Concen: 46.54 ng
RT: 9.645 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



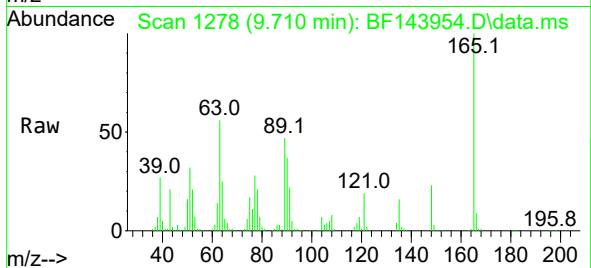
Tgt Ion:163 Resp: 733584
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 55.51 ng
RT: 9.710 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

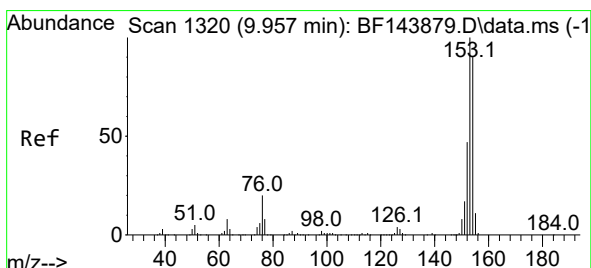
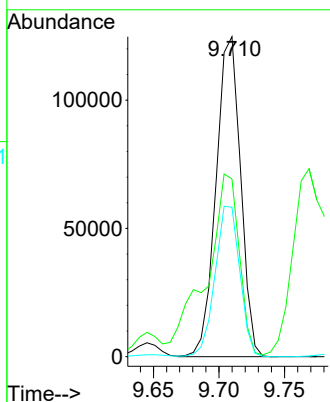
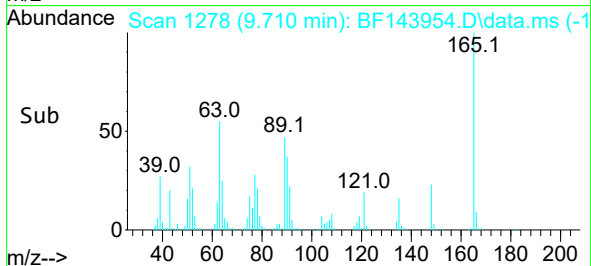
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



Tgt Ion:165 Resp: 162248
Ion Ratio Lower Upper
165 100
63 55.5 47.3 70.9
89 46.7 38.2 57.4

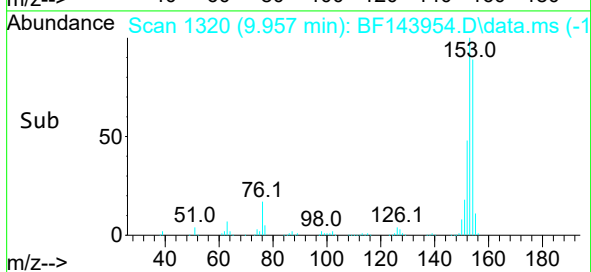
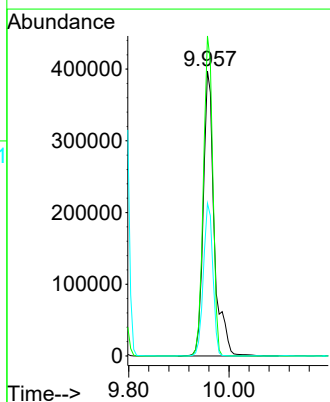
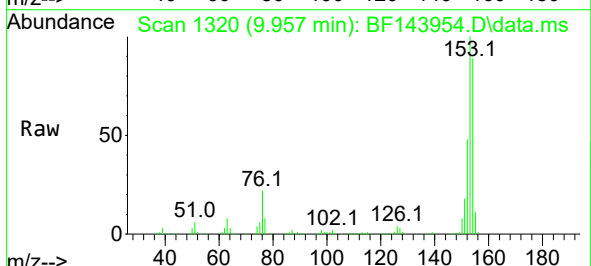
Manual Integrations
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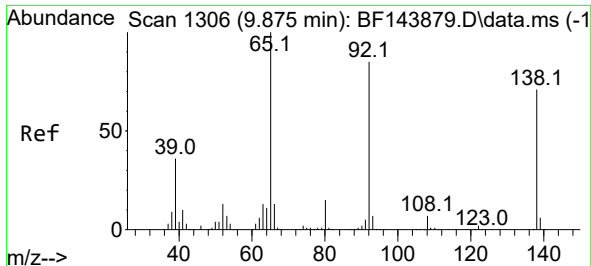
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#52
Acenaphthene
Concen: 48.00 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Tgt Ion:154 Resp: 605832
Ion Ratio Lower Upper
154 100
153 112.3 89.3 133.9
152 53.6 42.2 63.2





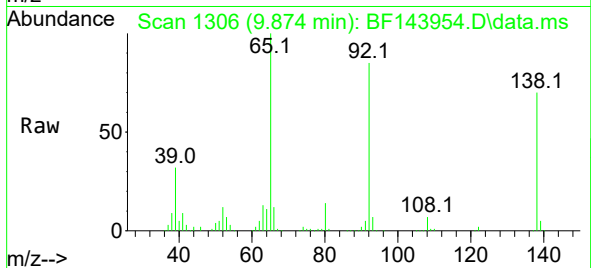
#53
3-Nitroaniline
Concen: 29.00 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD



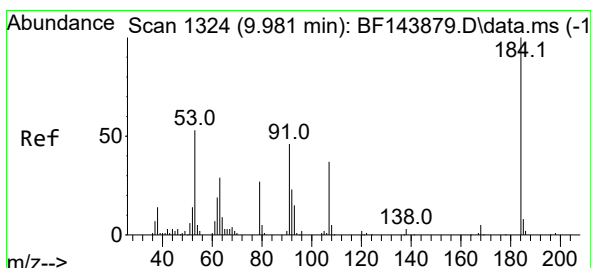
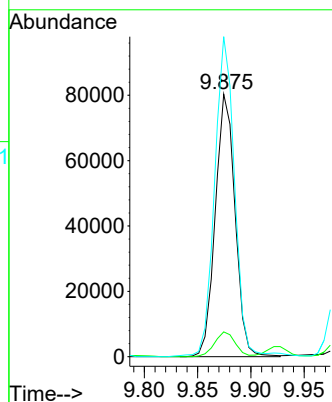
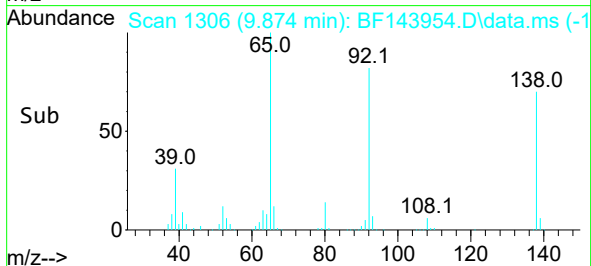
Tgt Ion:138 Resp: 103774
Ion Ratio Lower Upper
138 100
108 9.5 8.3 12.5
92 121.9 96.2 144.2

Manual Integrations

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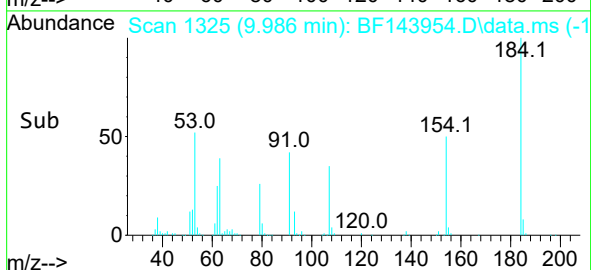
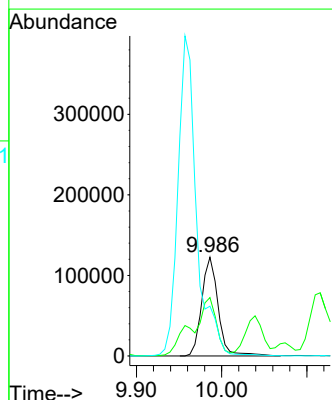
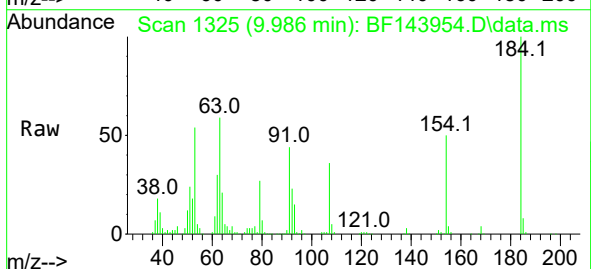
Reviewed By :Rahul Chavli 10/16/2025

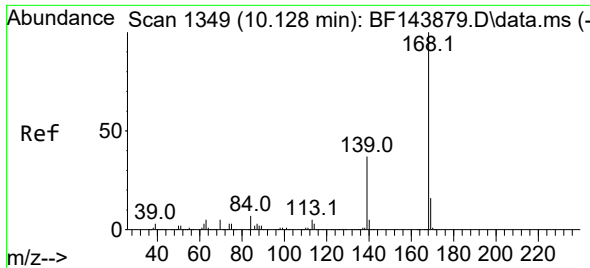
Supervised By :Jagrut Upadhyay 10/16/2025



#54
2,4-Dinitrophenol
Concen: 90.40 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Tgt Ion:184 Resp: 164763
Ion Ratio Lower Upper
184 100
63 59.2 48.2 72.4
154 50.3 49.2 73.8





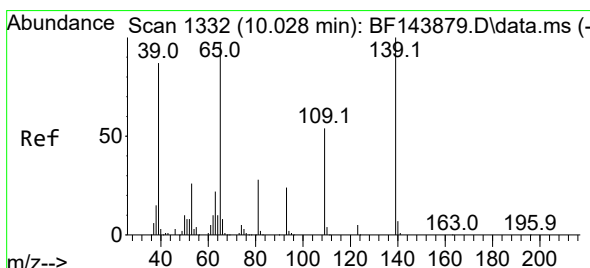
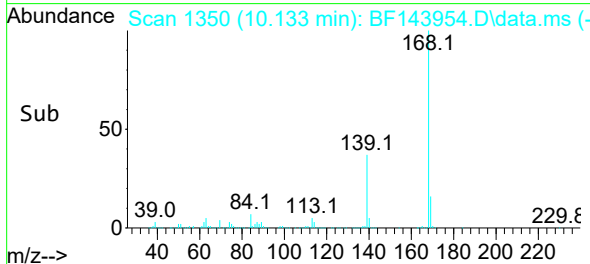
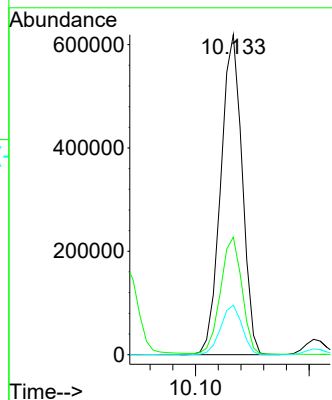
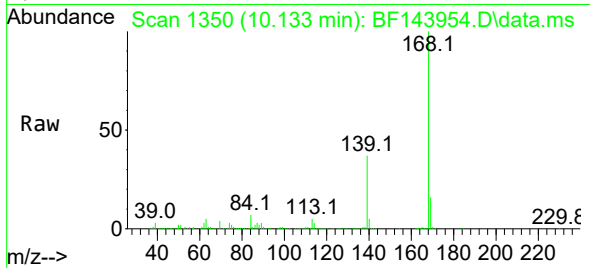
#55
Dibenzenofuran
Concen: 45.46 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB170101BSD

Tgt Ion:168 Resp: 80991
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8
169 15.5 12.8 19.2

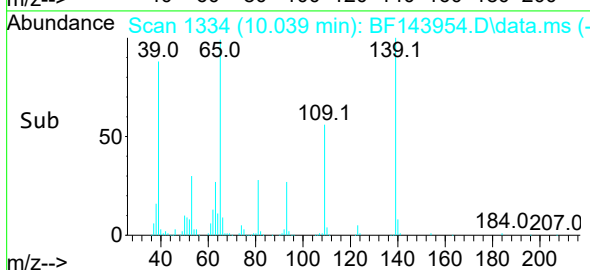
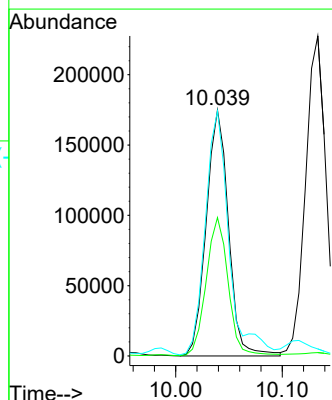
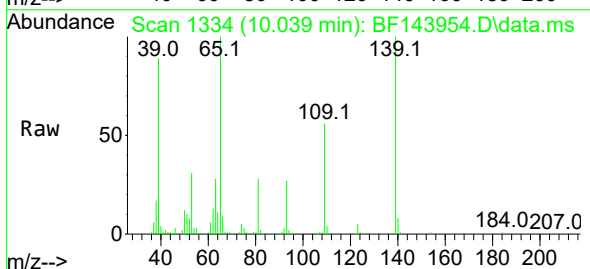
Manual Integrations
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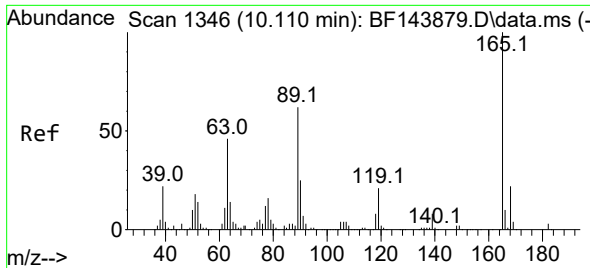
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#56
4-Nitrophenol
Concen: 93.94 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

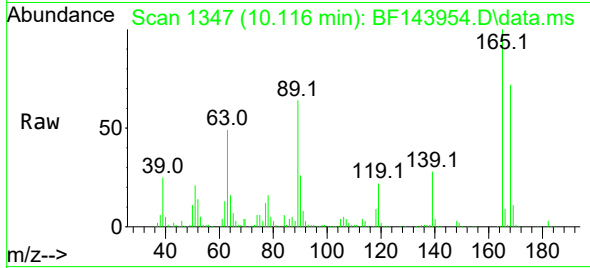
Tgt Ion:139 Resp: 254546
Ion Ratio Lower Upper
139 100
109 56.2 34.5 74.5
65 99.6 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 53.42 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

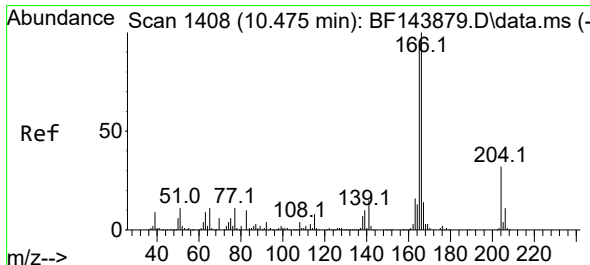
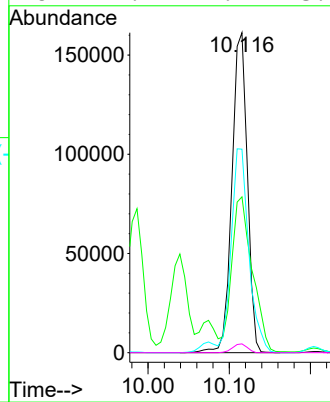
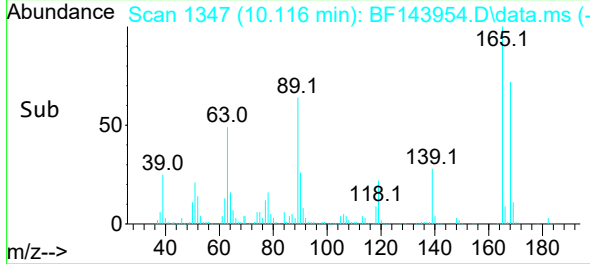
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



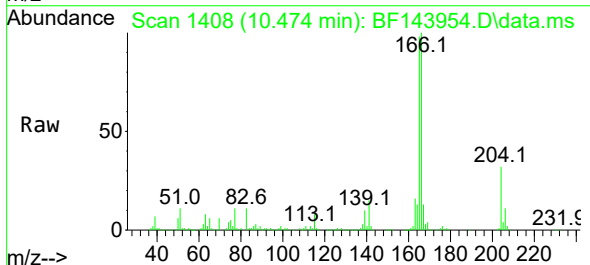
Tgt Ion:165 Resp: 21245
Ion Ratio Lower Upper
165 100
63 48.7 37.2 55.8
89 63.6 49.4 74.2
182 2.7 2.1 3.1

Manual Integrations
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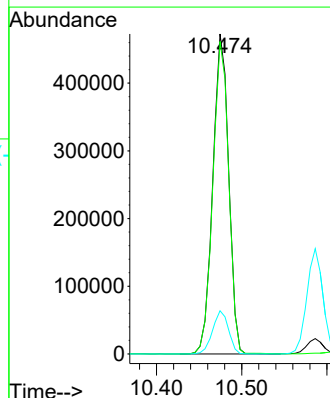
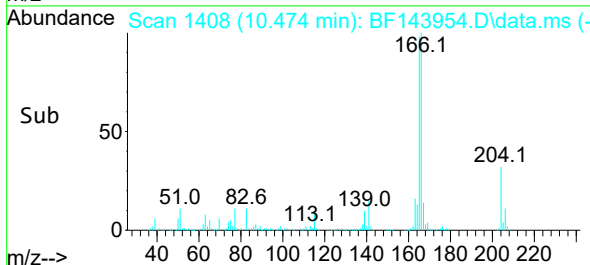
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

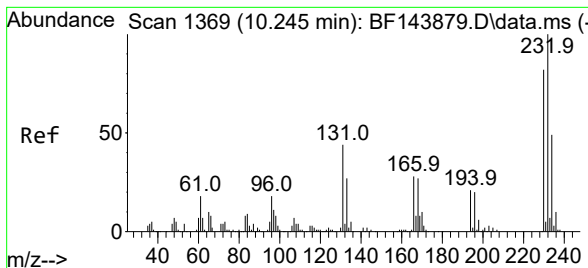


#58
Fluorene
Concen: 45.41 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



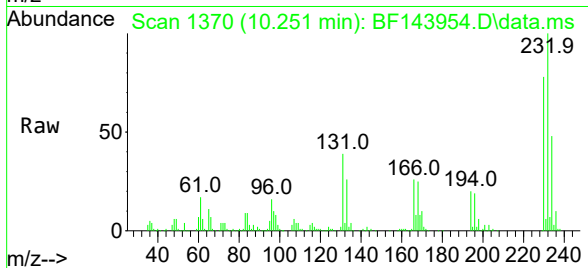
Tgt Ion:166 Resp: 610489
Ion Ratio Lower Upper
166 100
165 97.6 77.0 115.6
167 13.5 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.83 ng
RT: 10.251 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

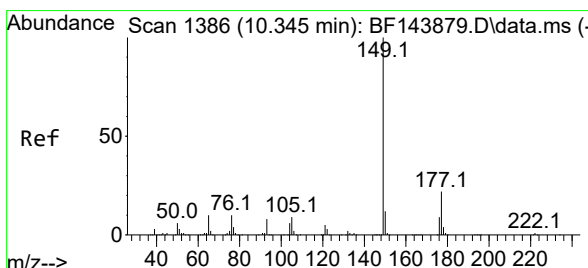
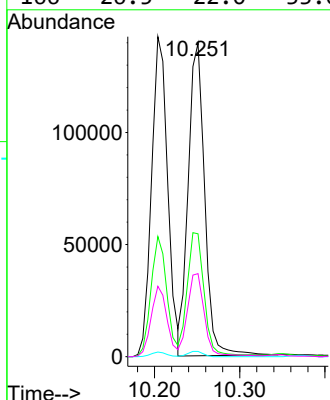
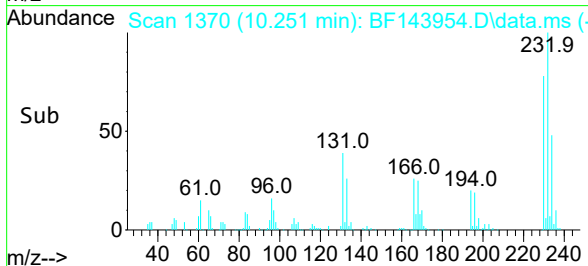
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



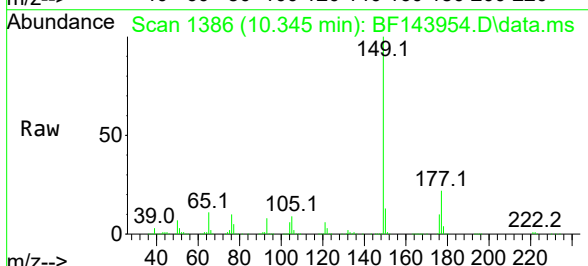
Tgt Ion:232 Resp: 18685
Ion Ratio Lower Upper
232 100
131 41.1 34.9 52.3
130 1.6 1.6 2.4
166 26.5 22.0 33.0

Manual Integrations
APPROVED

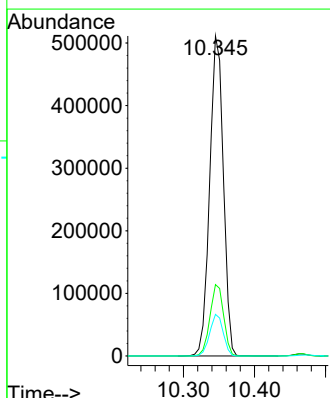
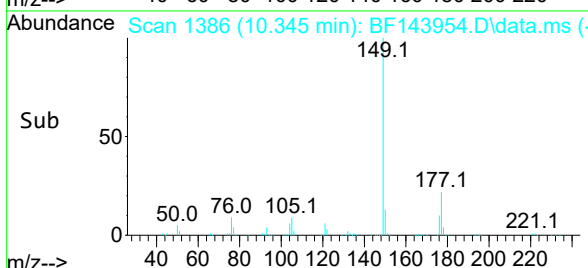
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

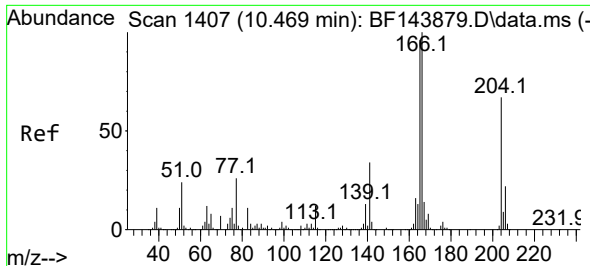


#60
Diethylphthalate
Concen: 46.74 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



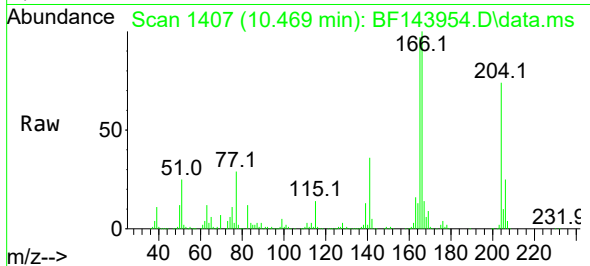
Tgt Ion:149 Resp: 684352
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 13.0 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 45.43 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

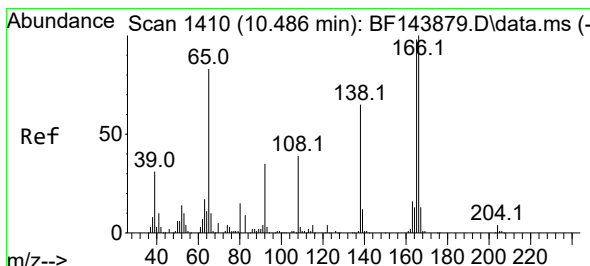
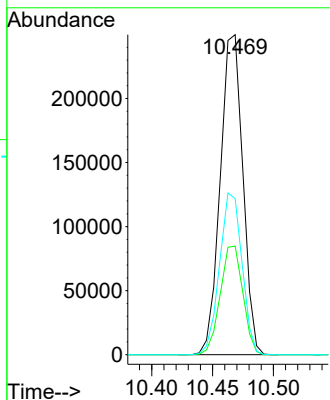
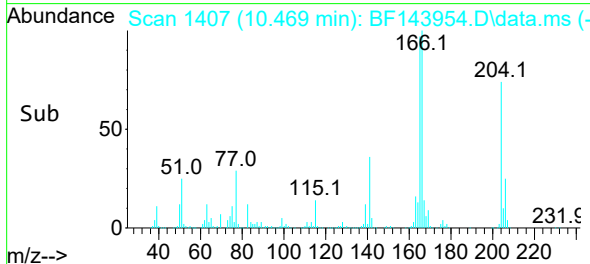
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



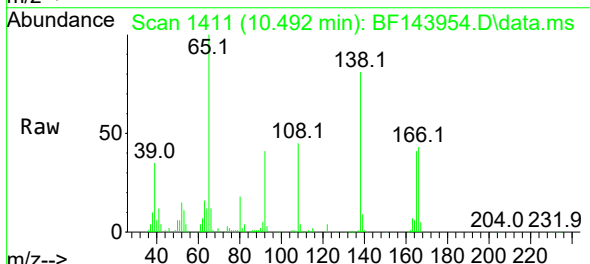
Tgt Ion:204 Resp: 32288
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 48.7 40.4 60.6

Manual Integrations
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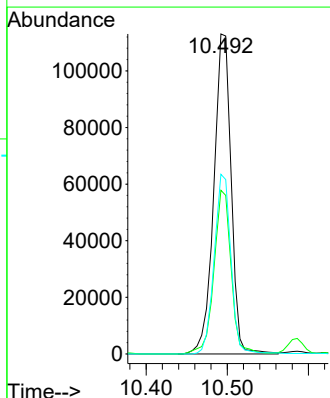
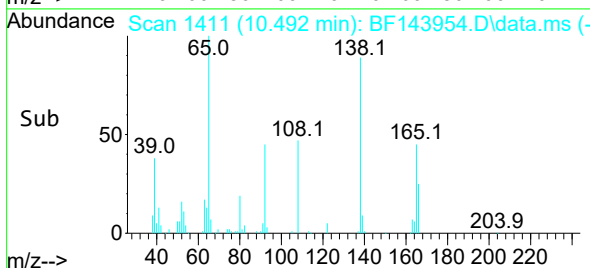
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

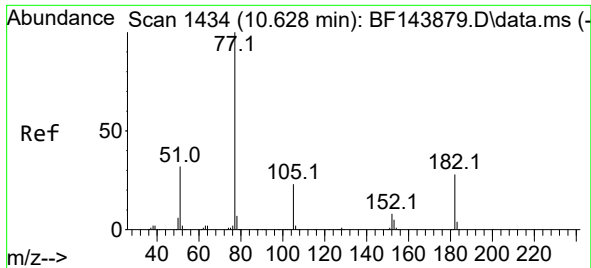


#62
4-Nitroaniline
Concen: 48.88 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



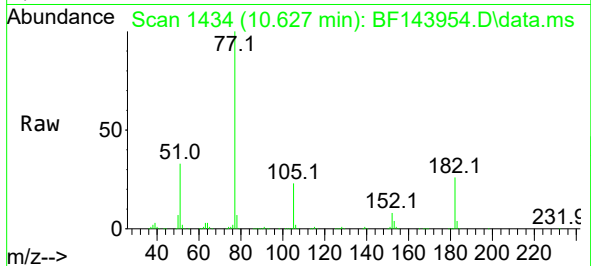
Tgt Ion:138 Resp: 168231
Ion Ratio Lower Upper
138 100
92 51.1 33.9 73.9
108 56.2 40.2 80.2





#63
Azobenzene
Concen: 48.56 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

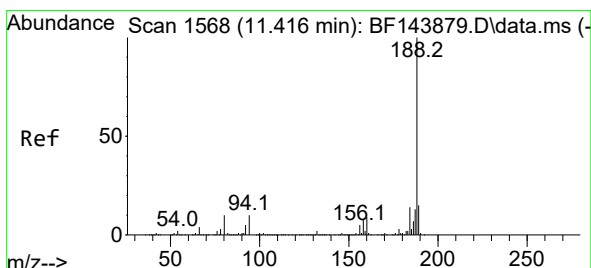
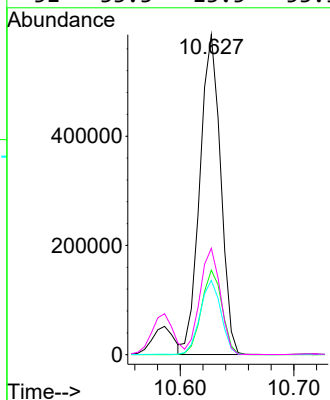
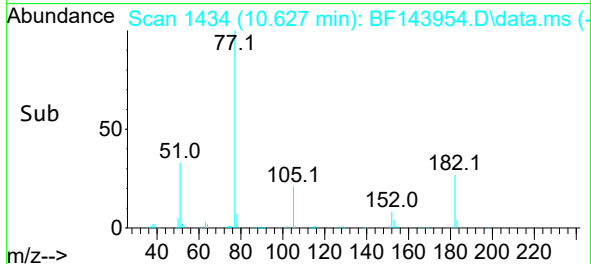
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



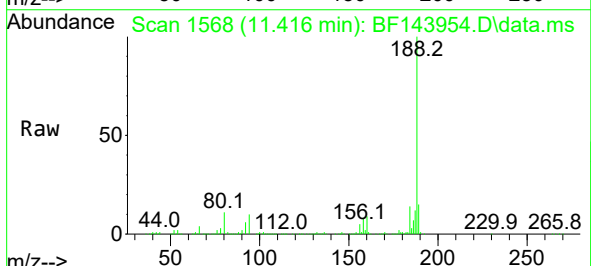
Tgt Ion: 77 Resp: 74307
Ion Ratio Lower Upper
77 100
182 26.4 7.3 47.3
105 23.2 3.0 43.0
51 33.3 13.5 53.5

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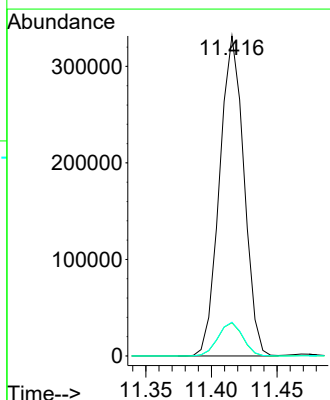
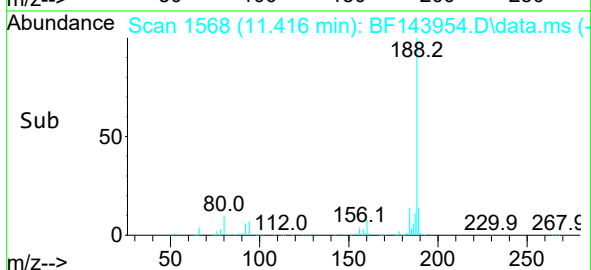
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

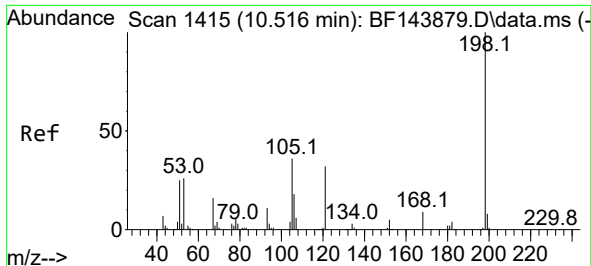


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion:188 Resp: 429601
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 10.5 7.9 11.9





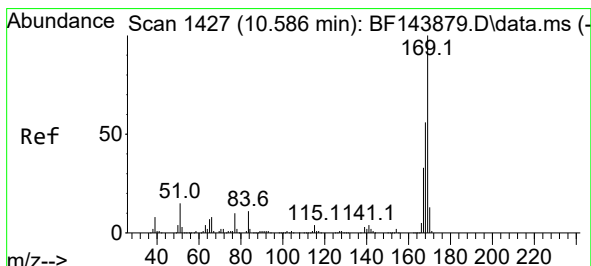
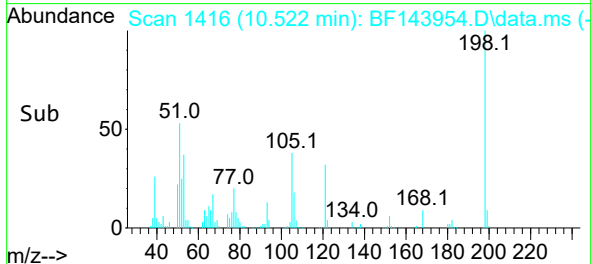
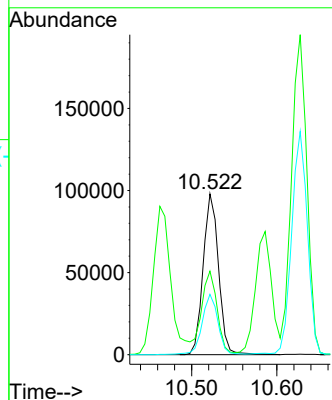
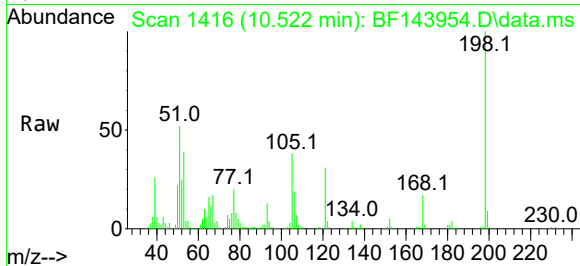
#65
4,6-Dinitro-2-methylphenol
Concen: 56.96 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB170101BSD

Tgt Ion:198 Resp: 122975
Ion Ratio Lower Upper
198 100
51 51.9 33.8 73.8
105 37.6 17.0 57.0

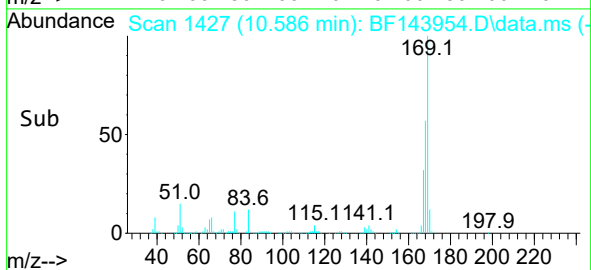
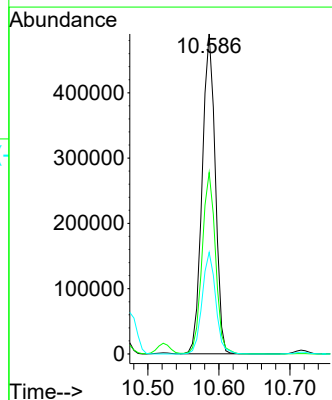
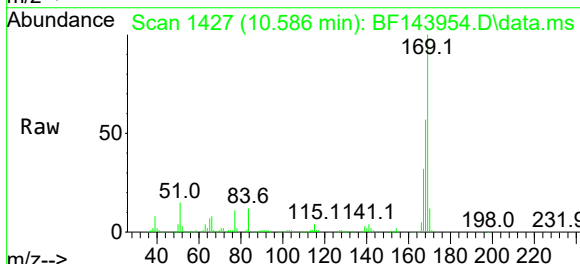
Manual Integrations
APPROVED

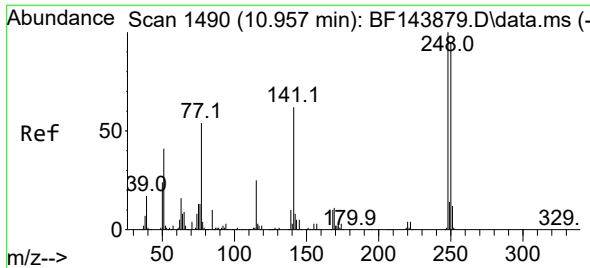
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#66
n-Nitrosodiphenylamine
Concen: 46.72 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Tgt Ion:169 Resp: 630274
Ion Ratio Lower Upper
169 100
168 56.7 44.9 67.3
167 31.7 26.3 39.5





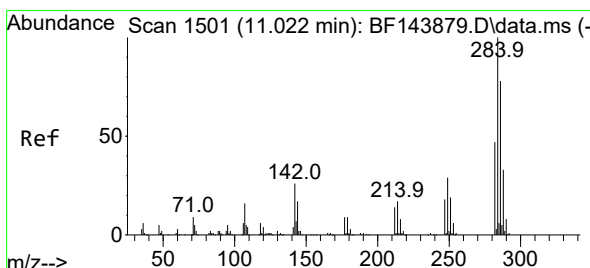
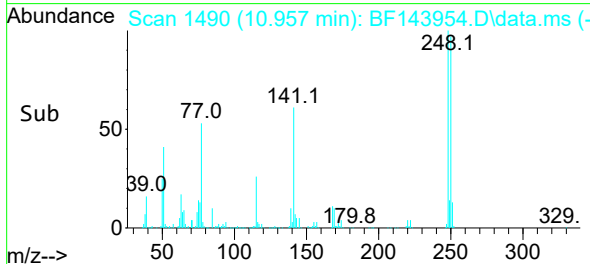
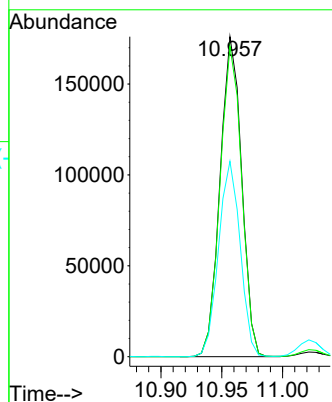
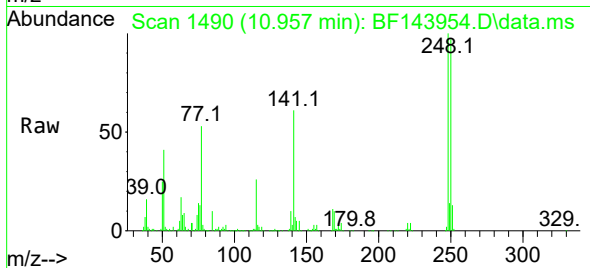
#67
4-Bromophenyl-phenylether
Concen: 45.75 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Instrument :
BNA_F
ClientSampleId :
PB170101BSD

Tgt Ion:248 Resp: 21723
Ion Ratio Lower Upper
248 100
250 97.0 76.3 114.5
141 61.1 49.7 74.5

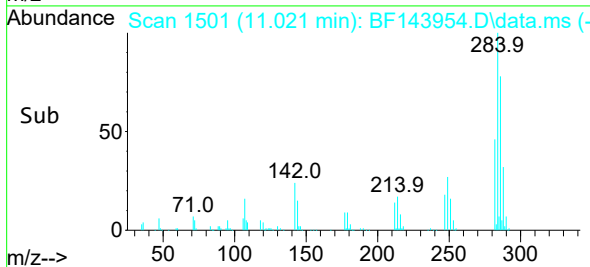
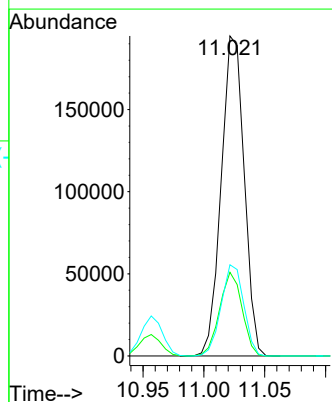
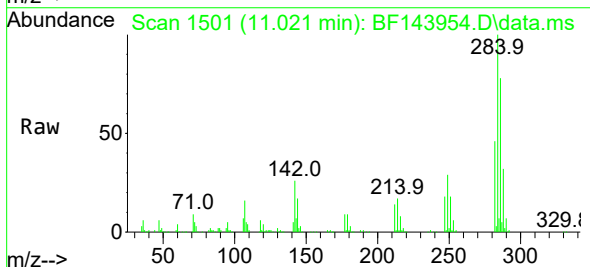
Manual Integrations
APPROVED

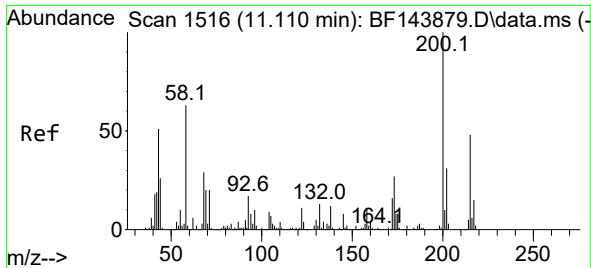
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025



#68
Hexachlorobenzene
Concen: 46.50 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

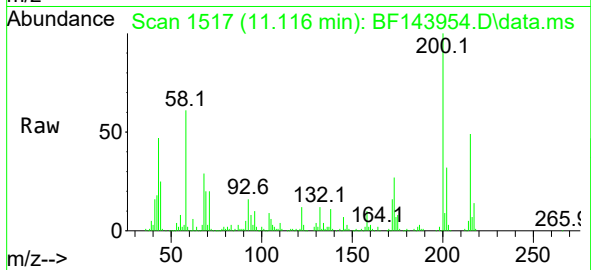
Tgt Ion:284 Resp: 255589
Ion Ratio Lower Upper
284 100
142 26.2 20.6 30.8
249 28.5 23.2 34.8





#69
 Atrazine
 Concen: 50.20 ng
 RT: 11.116 min Scan# 1116
 Delta R.T. -0.006 min
 Lab File: BF143954.D
 Acq: 15 Oct 2025 16:00

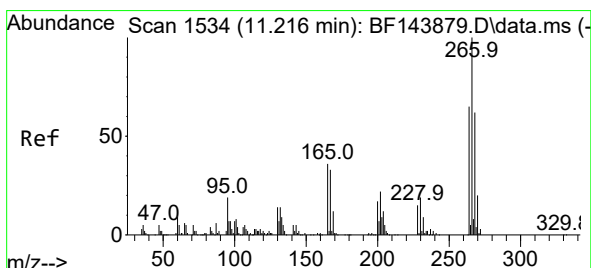
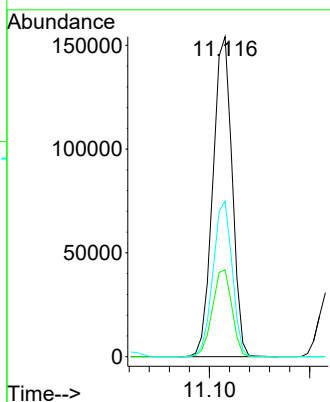
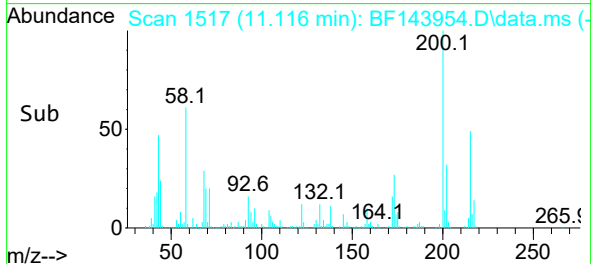
Instrument :
 BNA_F
 ClientSampleId :
 PB170101BSD



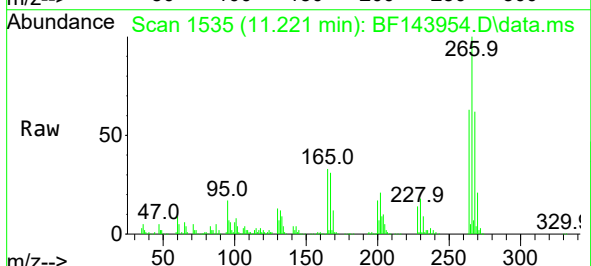
Tgt Ion:200 Resp: 20524
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.0 47.0
 215 48.6 27.8 67.8

Manual Integrations
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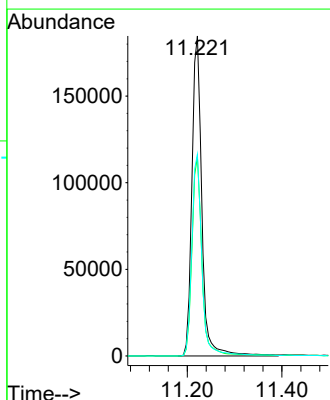
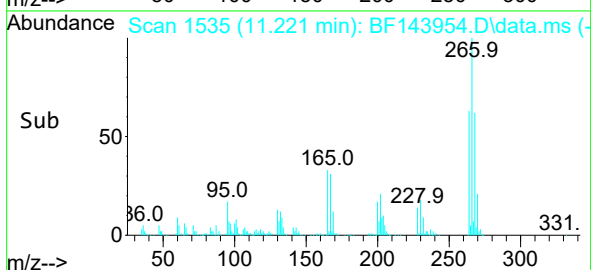
Reviewed By :Rahul Chavli 10/16/2025
 Supervised By :Jagrut Upadhyay 10/16/2025

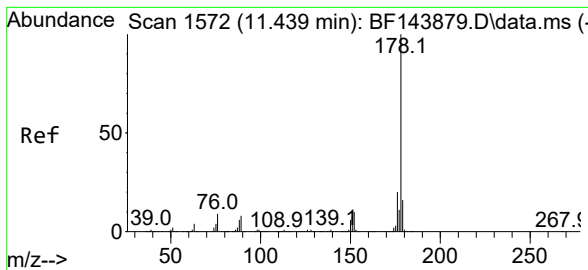


#70
 Pentachlorophenol
 Concen: 85.31 ng
 RT: 11.221 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: BF143954.D
 Acq: 15 Oct 2025 16:00



Tgt Ion:266 Resp: 269305
 Ion Ratio Lower Upper
 266 100
 268 62.3 49.4 74.0
 264 63.0 51.8 77.6





#71
 Phenanthrene
 Concen: 44.76 ng
 RT: 11.439 min Scan# 1572
 Delta R.T. -0.006 min
 Lab File: BF143954.D
 Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD

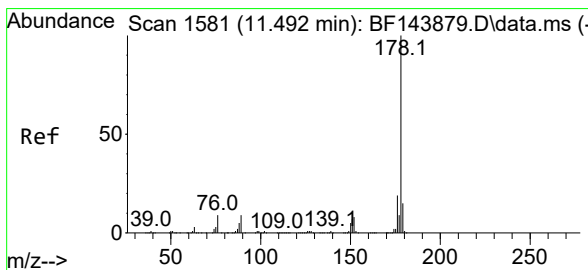
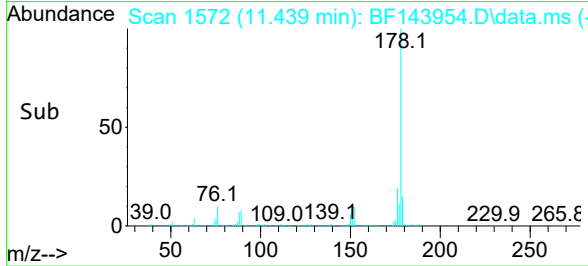
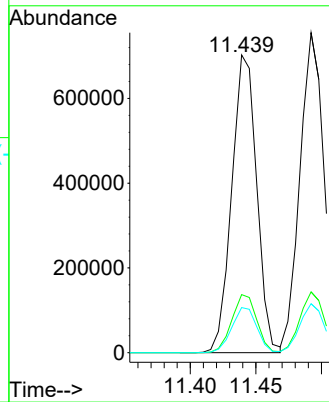
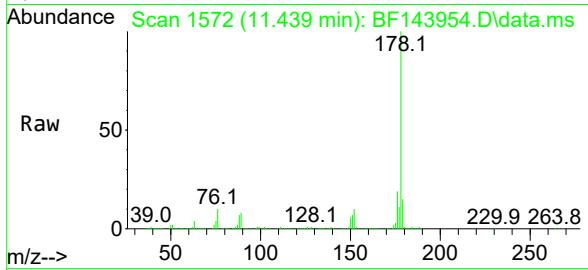
Tgt Ion:178 Resp: 93227
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.2 12.4 18.6

Manual Integrations

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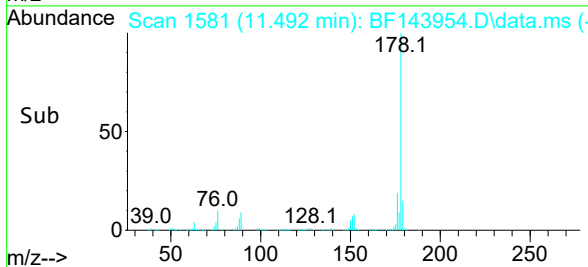
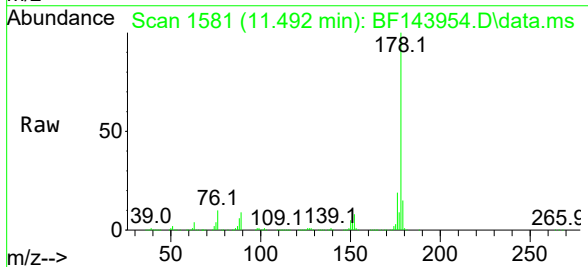
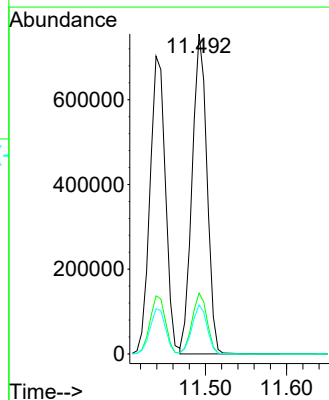
Reviewed By :Rahul Chavli 10/16/2025

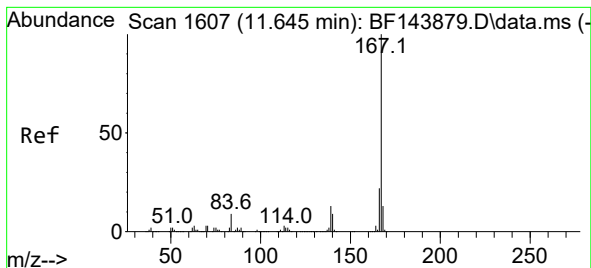
Supervised By :Jagrut Upadhyay 10/16/2025



#72
 Anthracene
 Concen: 45.63 ng
 RT: 11.492 min Scan# 1581
 Delta R.T. -0.006 min
 Lab File: BF143954.D
 Acq: 15 Oct 2025 16:00

Tgt Ion:178 Resp: 959996
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.9 22.3
 179 15.3 12.2 18.2





#73

Carbazole

Concen: 45.56 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD

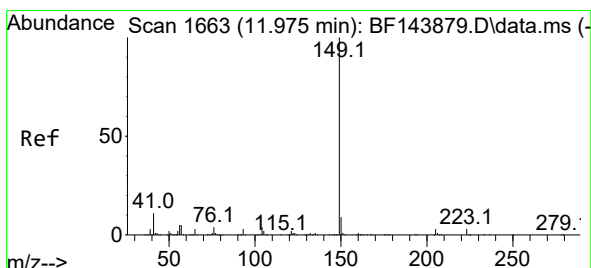
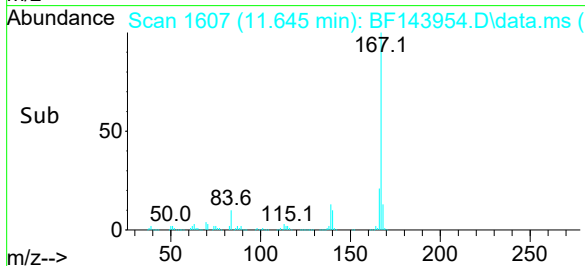
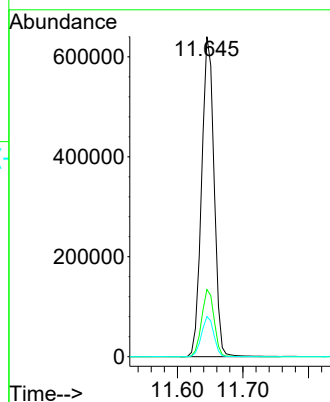
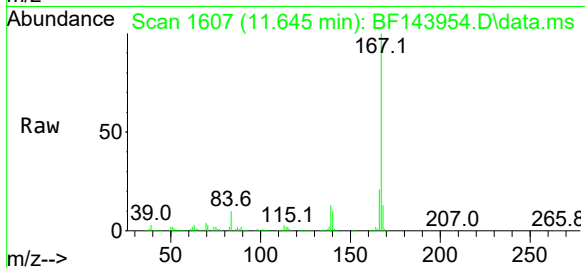
Tgt Ion:167 Resp: 848968
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.6 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#74

Di-n-butylphthalate

Concen: 47.70 ng

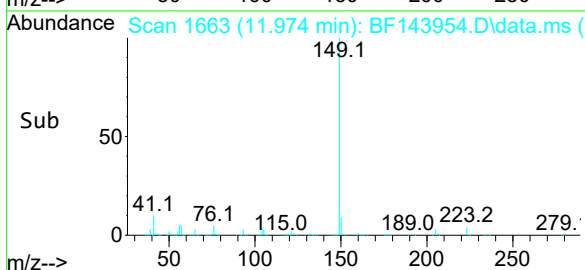
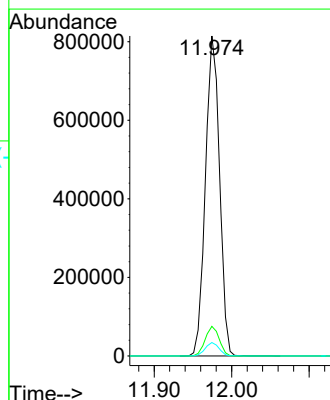
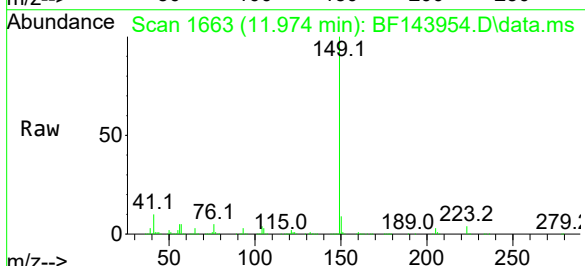
RT: 11.974 min Scan# 1663

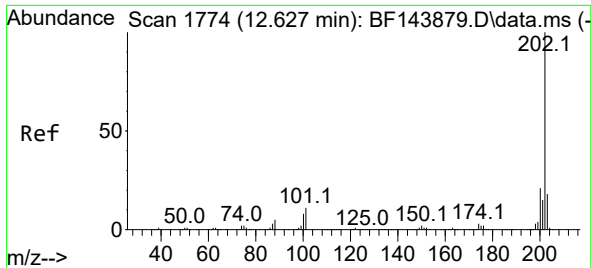
Delta R.T. -0.006 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

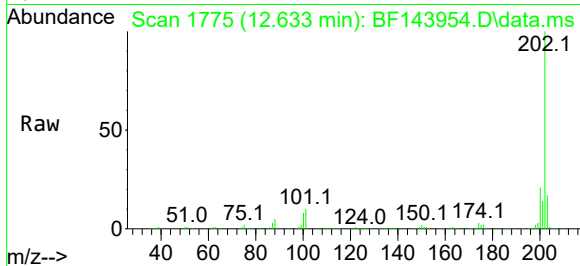
Tgt Ion:149 Resp: 1030082
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.2 3.4 5.2





#75
Fluoranthene
Concen: 45.53 ng
RT: 12.633 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

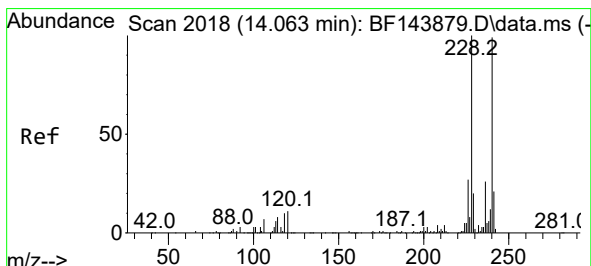
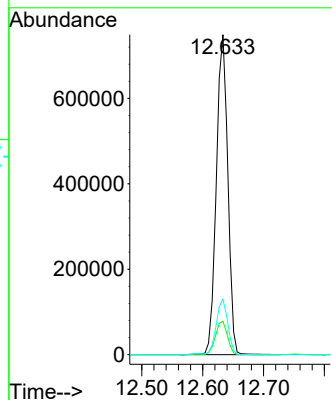
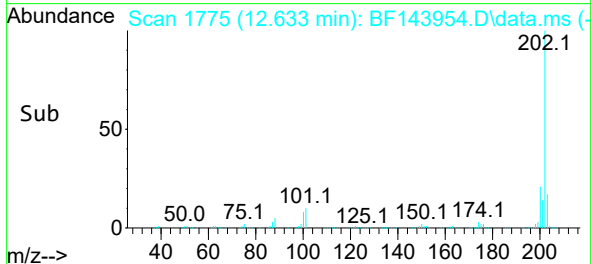
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



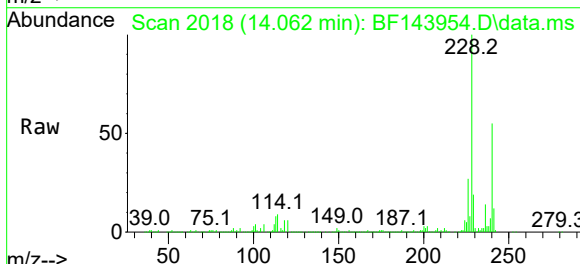
Tgt Ion:202 Resp: 97953
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.3 0.0 37.8

Manual Integrations
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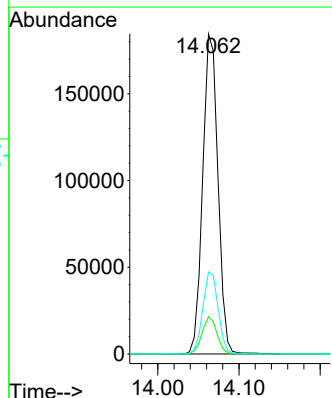
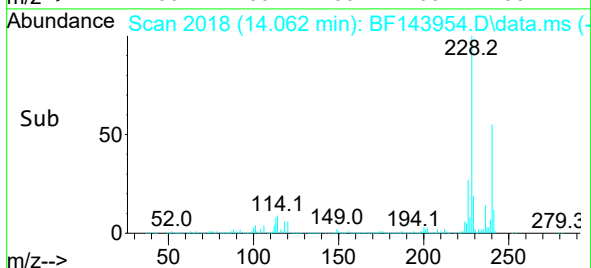
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

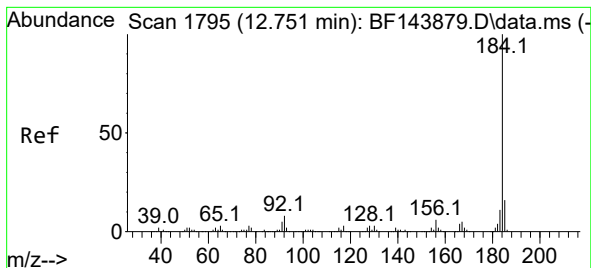


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion:240 Resp: 240176
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 25.6 21.1 31.7





#77

Benzidine

Concen: 33.70 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143954.D

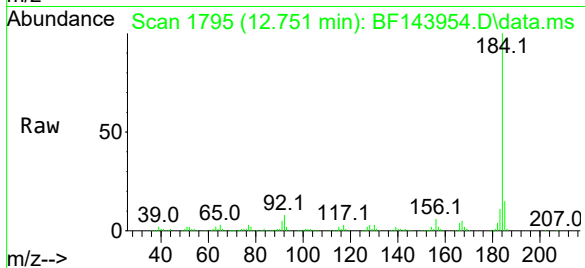
Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD



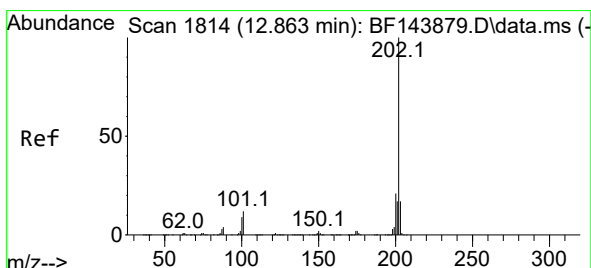
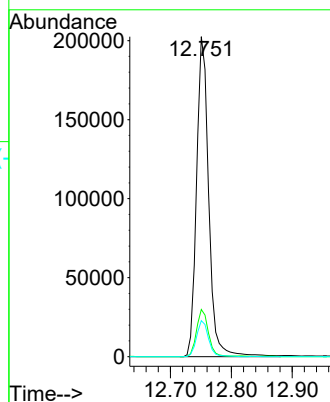
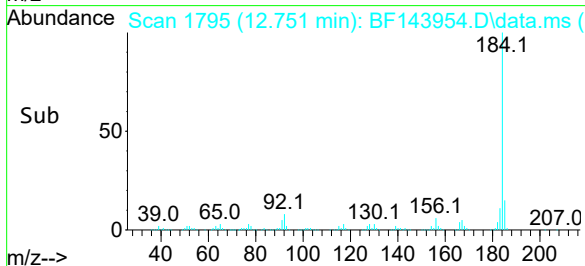
Tgt Ion:184	Resp:	281044
Ion Ratio	Lower	Upper
184	100	
185	14.8	12.6 18.8
183	11.3	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#78

Pyrene

Concen: 49.68 ng

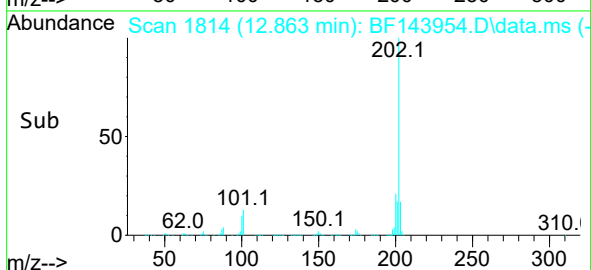
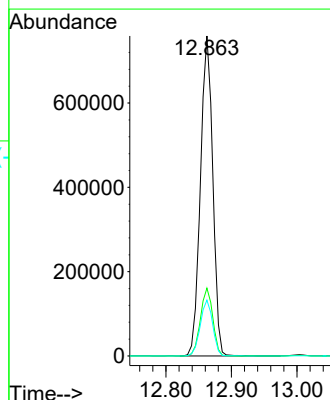
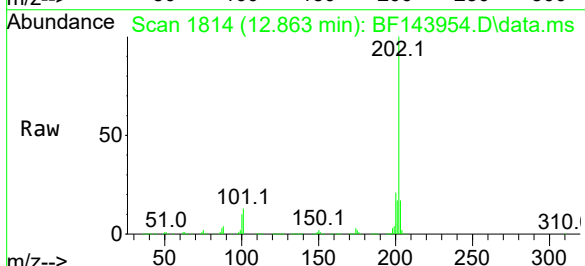
RT: 12.863 min Scan# 1814

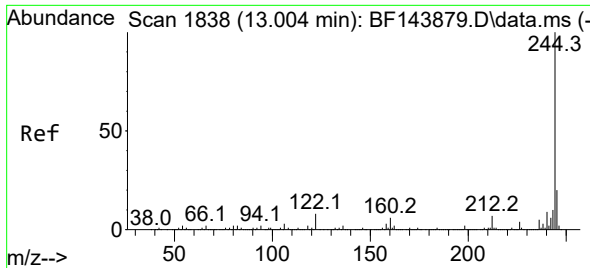
Delta R.T. 0.000 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

Tgt Ion:202	Resp:	994801
Ion Ratio	Lower	Upper
202	100	
200	21.2	17.0 25.6
203	17.5	13.8 20.6





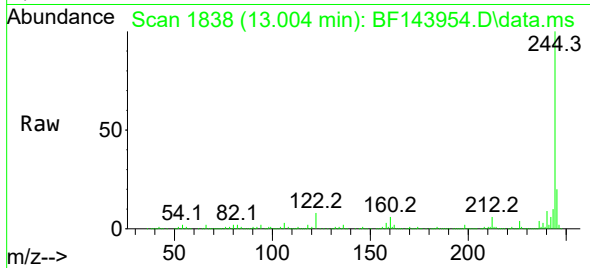
#79
 Terphenyl-d14
 Concen: 98.10 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143954.D
 Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD



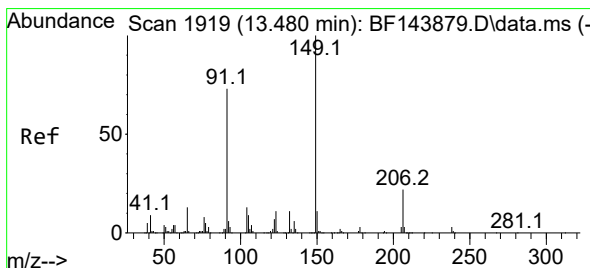
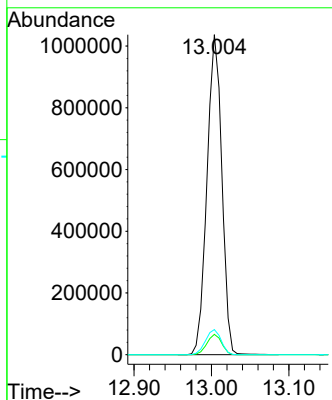
Tgt Ion:244 Resp: 137858
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.9 6.4 9.6

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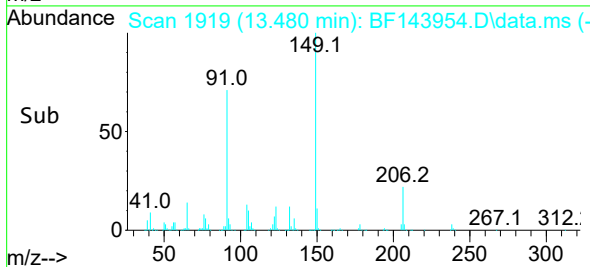
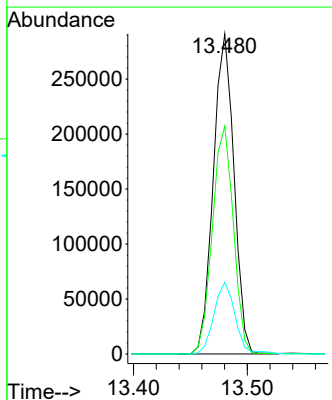
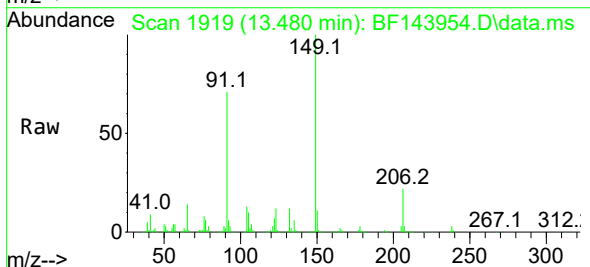
Reviewed By :Rahul Chavli 10/16/2025

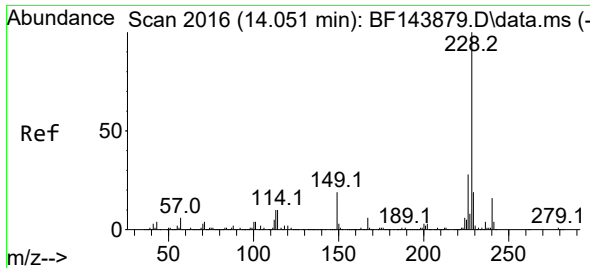
Supervised By :Jagrut Upadhyay 10/16/2025



#80
 Butylbenzylphthalate
 Concen: 56.75 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF143954.D
 Acq: 15 Oct 2025 16:00

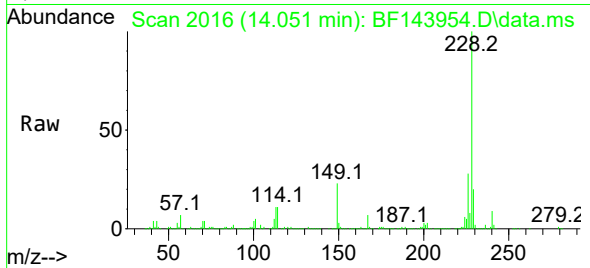
Tgt Ion:149 Resp: 369026
 Ion Ratio Lower Upper
 149 100
 91 71.2 58.2 87.2
 206 22.4 17.9 26.9





#81
Benzo(a)anthracene
Concen: 49.09 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

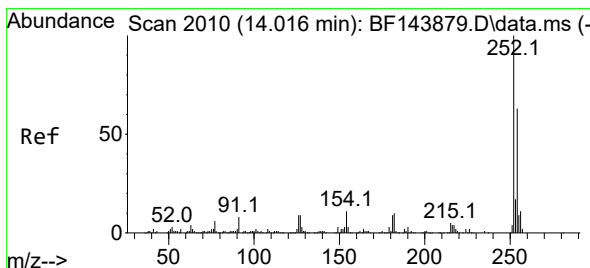
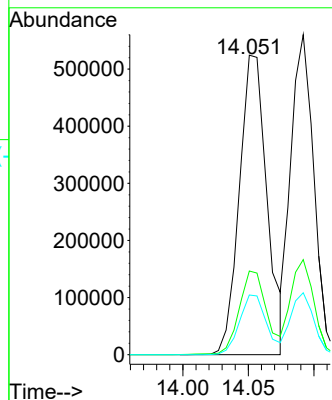
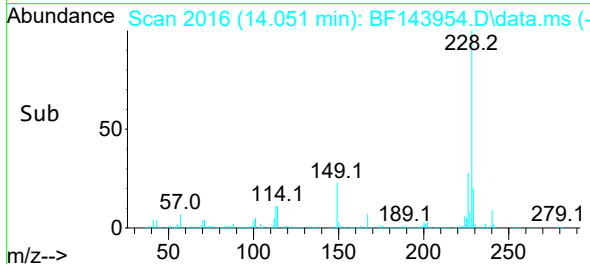
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



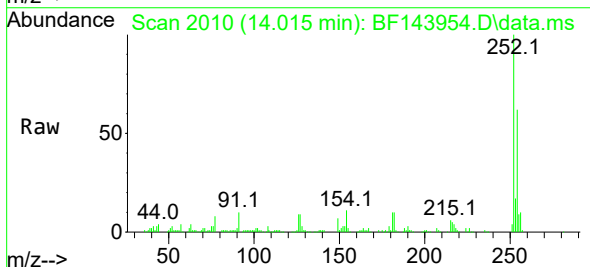
Tgt Ion:228 Resp: 771572
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.2
229 19.9 15.6 23.4

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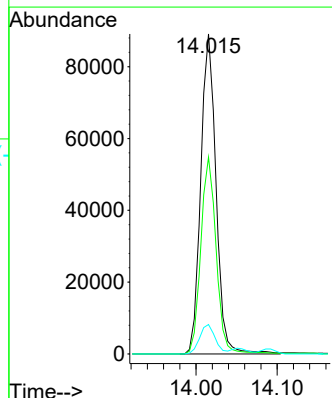
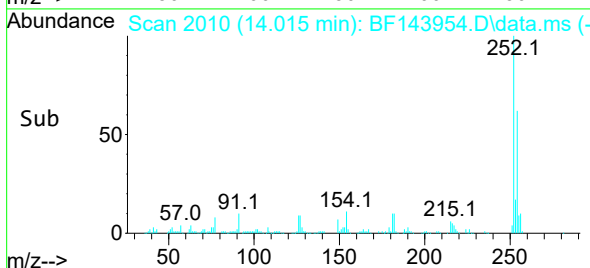
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

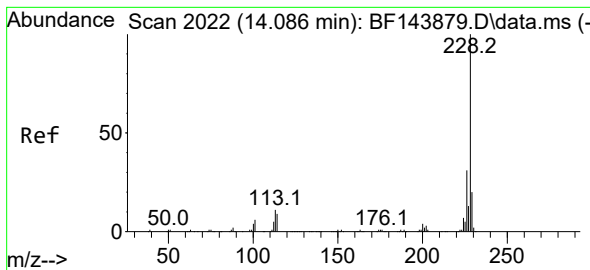


#82
3,3'-Dichlorobenzidine
Concen: 24.38 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion:252 Resp: 116790
Ion Ratio Lower Upper
252 100
254 61.5 50.6 76.0
126 9.2 7.0 10.6





#83

Chrysene

Concen: 46.96 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD

Tgt Ion:228 Resp: 683092

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

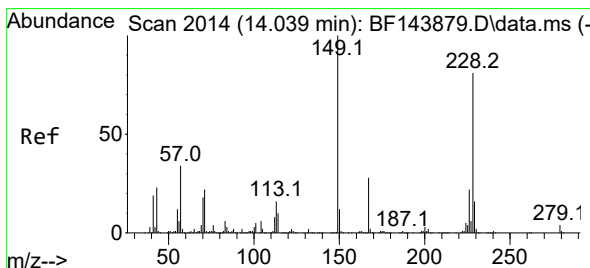
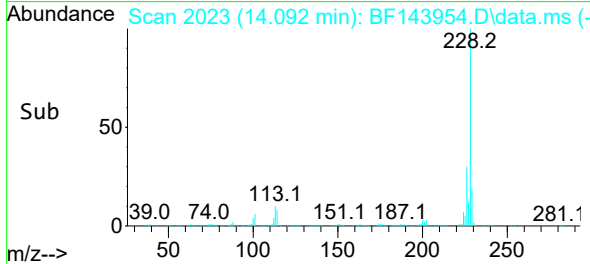
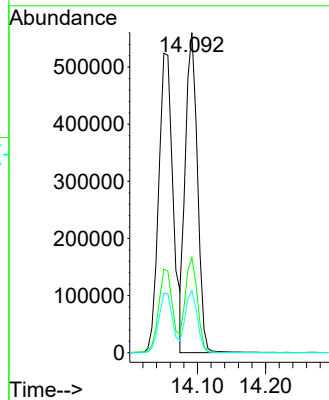
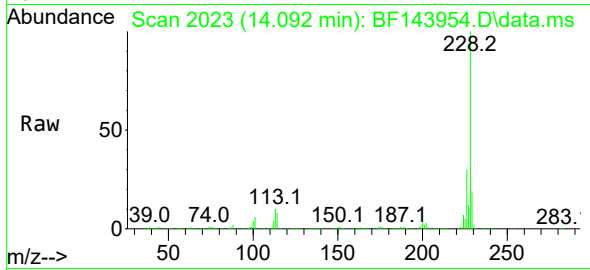
229 19.3 15.9 23.9

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Reviewed By :Rahul Chavli 10/16/2025

Supervised By :Jagrut Upadhyay 10/16/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.73 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

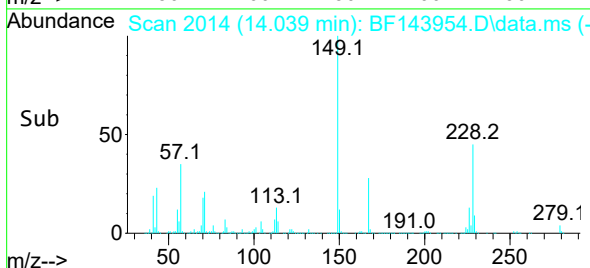
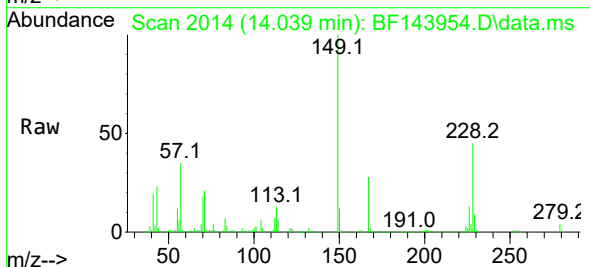
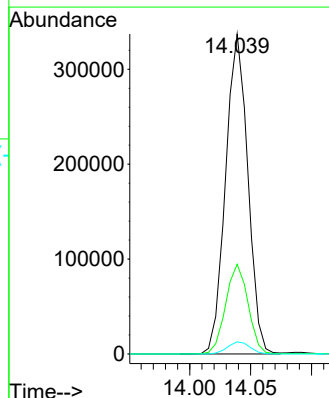
Tgt Ion:149 Resp: 429020

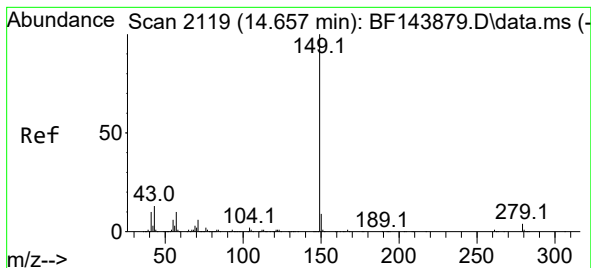
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

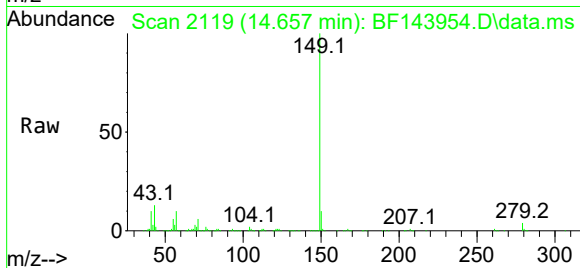
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.19 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

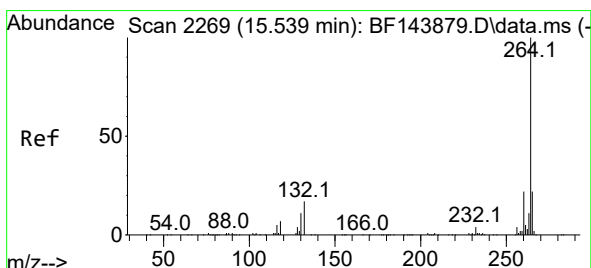
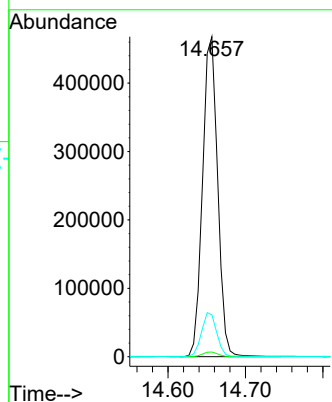
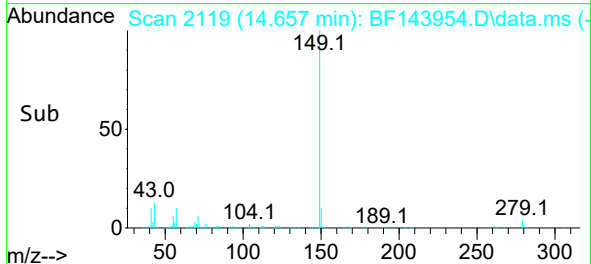
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



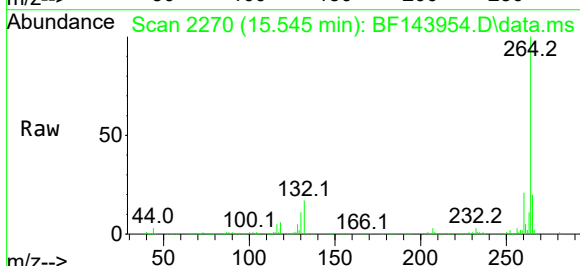
Tgt Ion:149 Resp: 63325
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.7 11.0 16.4

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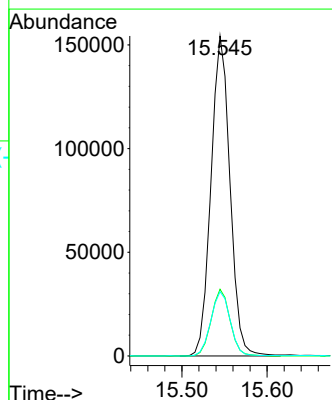
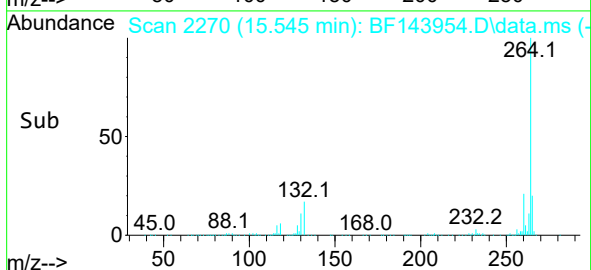
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

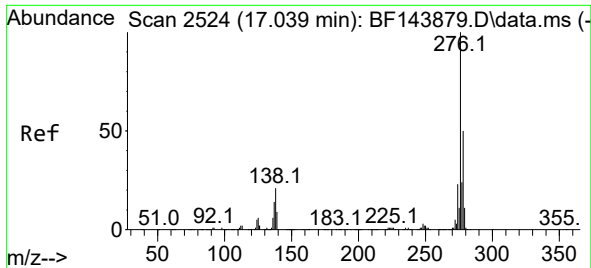


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



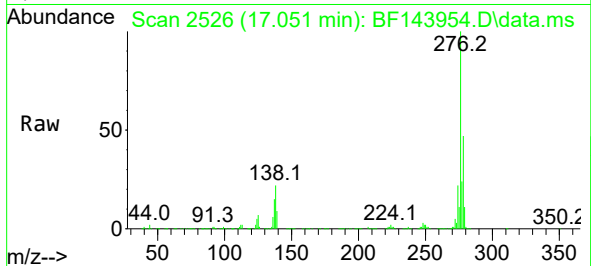
Tgt Ion:264 Resp: 239729
Ion Ratio Lower Upper
264 100
260 20.9 17.8 26.8
265 20.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.01 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

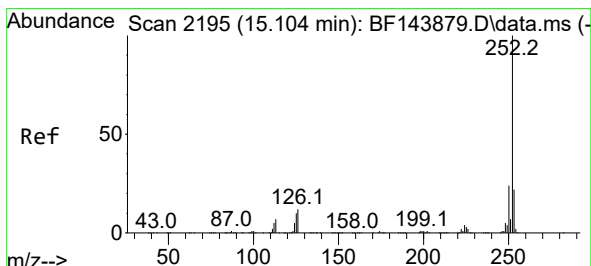
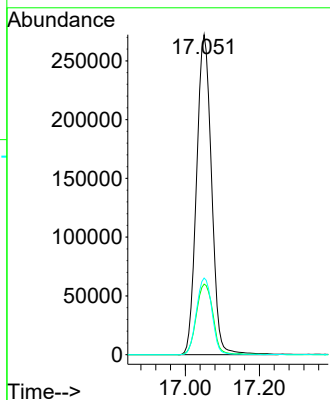
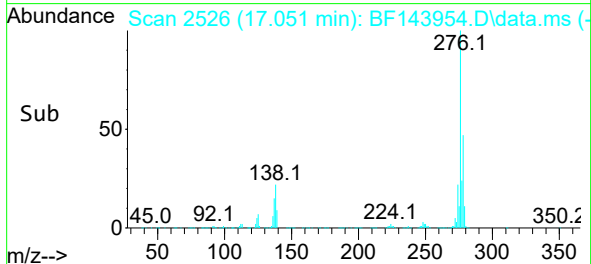
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



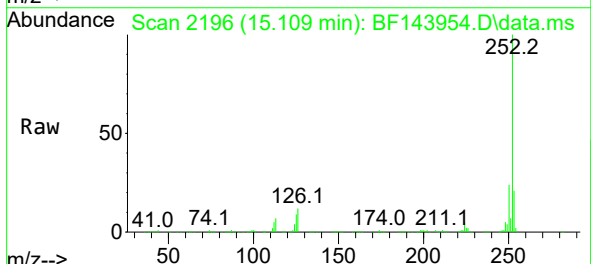
Tgt Ion:276 Resp: 763934
Ion Ratio Lower Upper
276 100
138 24.2 18.2 27.2
277 24.9 19.8 29.6

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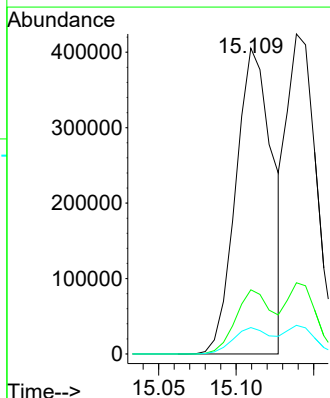
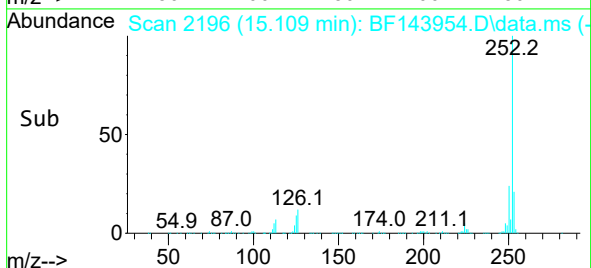
Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

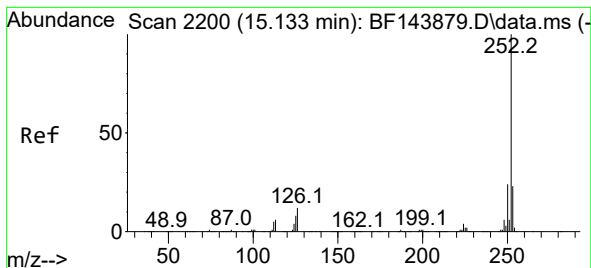


#88
Benzo(b)fluoranthene
Concen: 48.28 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00



Tgt Ion:252 Resp: 664857
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 8.6 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 44.27 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

Instrument :

BNA_F

ClientSampleId :

PB170101BSD

Tgt Ion:252 Resp: 56406

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

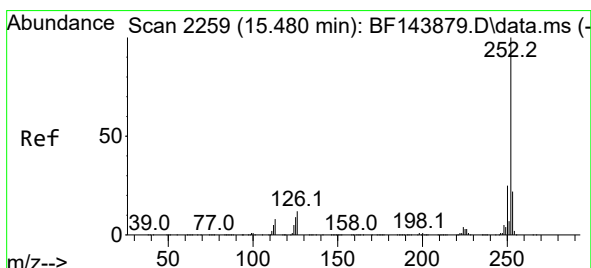
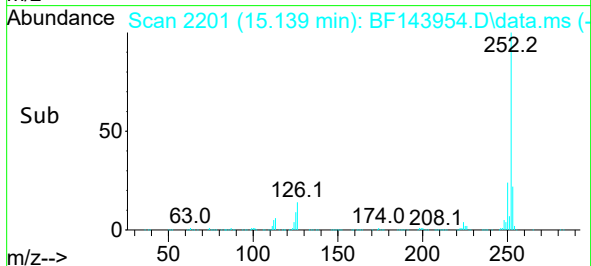
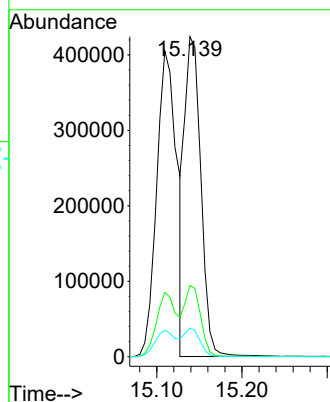
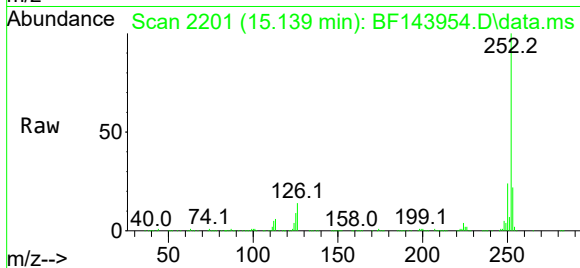
125 9.0 7.4 11.2

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#90

Benzo(a)pyrene

Concen: 48.97 ng

RT: 15.486 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF143954.D

Acq: 15 Oct 2025 16:00

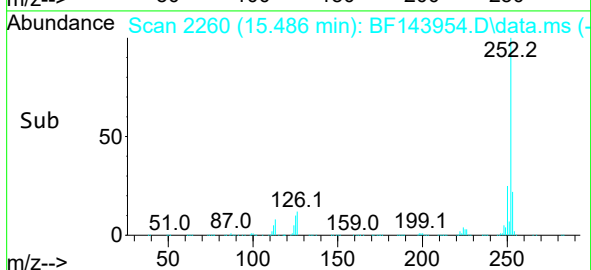
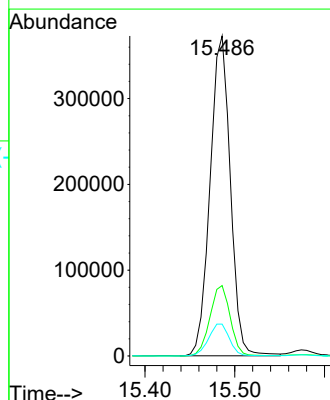
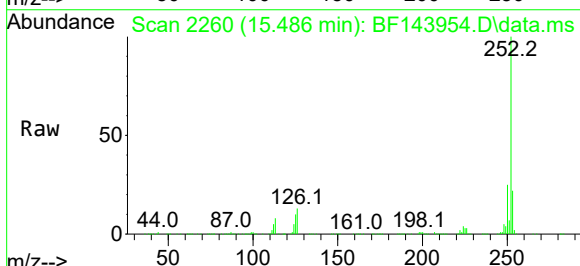
Tgt Ion:252 Resp: 584736

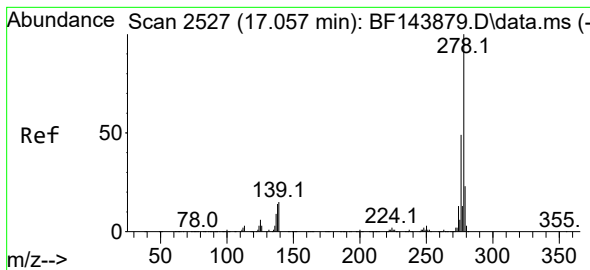
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

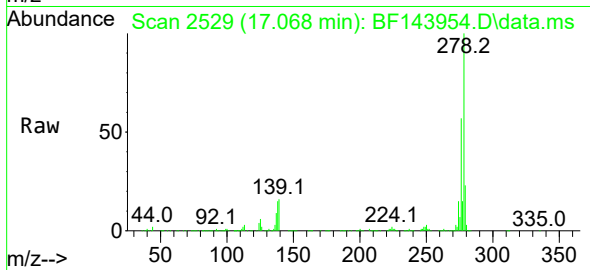
125 9.9 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 52.42 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

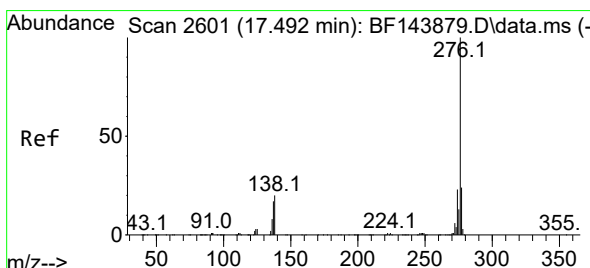
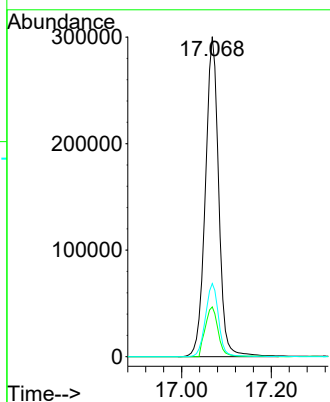
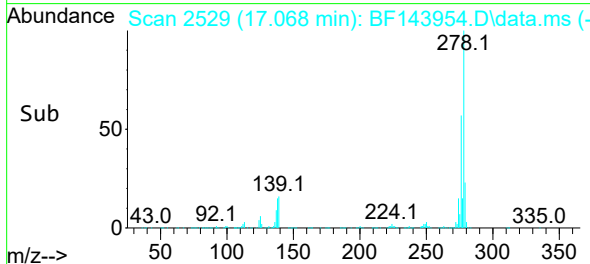
Instrument :
BNA_F
ClientSampleId :
PB170101BSD



Tgt Ion:278 Resp: 619270
Ion Ratio Lower Upper
278 100
139 15.6 11.7 17.5
279 22.8 18.4 27.6

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#92
Benzo(g,h,i)perylene
Concen: 52.50 ng
RT: 17.503 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143954.D
Acq: 15 Oct 2025 16:00

Tgt Ion:276 Resp: 620208
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 22.1 16.1 24.1

