

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
 Data File : BF144265.D
 Acq On : 17 Nov 2025 13:52
 Operator : RC/JU
 Sample : PB170576BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170576BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

Quant Time: Nov 17 14:13:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	57508	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	224965	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	126893	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	214778	20.000	ng	0.00
76) Chrysene-d12	14.045	240	127678	20.000	ng	0.00
86) Perylene-d12	15.527	264	154286	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	421874	114.798	ng	0.00
7) Phenol-d6	6.504	99	478765	114.978	ng	0.00
23) Nitrobenzene-d5	7.434	82	311496	79.970	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	188405	118.318	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	680168	79.166	ng	0.00
79) Terphenyl-d14	12.986	244	663126	82.498	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	56543	37.216	ng	98
3) Pyridine	3.463	79	148748	35.092	ng	99
4) n-Nitrosodimethylamine	3.404	42	99331	44.863	ng	97
6) Aniline	6.534	93	186036	31.358	ng	98
8) 2-Chlorophenol	6.651	128	154455	42.857	ng	100
9) Benzaldehyde	6.422	77	63023	26.803	ng	99
10) Phenol	6.516	94	207073	40.702	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	159489	43.023	ng	99
12) 1,3-Dichlorobenzene	6.810	146	187707	42.208	ng	98
13) 1,4-Dichlorobenzene	6.886	146	190820	42.829	ng	98
14) 1,2-Dichlorobenzene	7.034	146	183824	43.046	ng	99
15) Benzyl Alcohol	7.010	79	148710	45.102	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	286313	41.940	ng	95
17) 2-Methylphenol	7.122	107	119855	41.804	ng	95
18) Hexachloroethane	7.375	117	61002	41.212	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	115627	42.182	ng	94
20) 3+4-Methylphenols	7.275	107	146258	43.275	ng	92
22) Acetophenone	7.275	105	224963	46.615	ng	95
24) Nitrobenzene	7.451	77	175647	41.532	ng	99
25) Isophorone	7.686	82	316082	42.901	ng	100
26) 2-Nitrophenol	7.769	139	88948	42.487	ng	98
27) 2,4-Dimethylphenol	7.804	122	146563	46.708	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	195648	42.524	ng	98
29) 2,4-Dichlorophenol	8.010	162	151071	41.771	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	164074	44.180	ng	96
31) Naphthalene	8.169	128	447289	41.797	ng	100
32) Benzoic acid	7.933	122	101372	44.073	ng	94
33) 4-Chloroaniline	8.222	127	96938	24.837	ng	99
34) Hexachlorobutadiene	8.286	225	114468	40.898	ng	99
35) Caprolactam	8.592	113	43562m	43.965	ng	
36) 4-Chloro-3-methylphenol	8.704	107	138818	42.829	ng	99
37) 2-Methylnaphthalene	8.863	142	278575	38.935	ng	99
38) 1-Methylnaphthalene	8.963	142	278003	40.269	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	190679	45.851	ng	98
41) Hexachlorocyclopentadiene	9.016	237	137806	83.412	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	117312	41.446	ng	97

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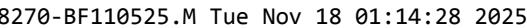
Quant Time: Nov 17 14:13:06 2025
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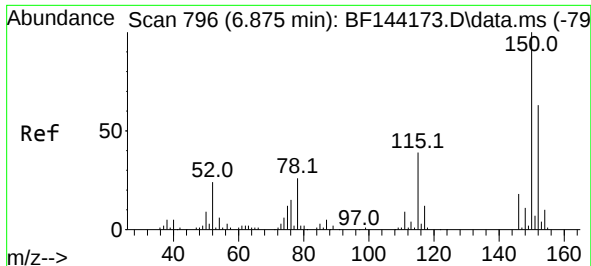
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	124969	40.965	ng	98
46) 1,1'-Biphenyl	9.328	154	402584	45.451	ng	99
47) 2-Chloronaphthalene	9.357	162	315213	41.719	ng	99
48) 2-Nitroaniline	9.451	65	98024	44.964	ng	99
49) Acenaphthylene	9.769	152	479794	46.599	ng	99
50) Dimethylphthalate	9.627	163	375975	44.725	ng	99
51) 2,6-Dinitrotoluene	9.692	165	79835	46.914	ng	99
52) Acenaphthene	9.945	154	300376m	43.626	ng	
53) 3-Nitroaniline	9.863	138	56681	30.470	ng	99
54) 2,4-Dinitrophenol	9.975	184	78637	76.525	ng	98
55) Dibenzofuran	10.116	168	400494	41.532	ng	99
56) 4-Nitrophenol	10.033	139	94446	70.187	ng	93
57) 2,4-Dinitrotoluene	10.098	165	104644	45.935	ng	97
58) Fluorene	10.457	166	315358	43.013	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	95261	44.136	ng	# 96
60) Diethylphthalate	10.327	149	336684	43.446	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	172430	41.288	ng	99
62) 4-Nitroaniline	10.480	138	71517	40.370	ng	98
63) Azobenzene	10.610	77	320032	44.374	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	61765	42.332	ng	98
66) n-Nitrosodiphenylamine	10.569	169	309243	44.767	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	117484	42.855	ng	97
68) Hexachlorobenzene	11.010	284	143061	44.304	ng	95
69) Atrazine	11.098	200	97665	44.457	ng	99
70) Pentachlorophenol	11.204	266	136188	84.697	ng	97
71) Phenanthrene	11.421	178	466162	43.593	ng	100
72) Anthracene	11.474	178	461640	42.456	ng	99
73) Carbazole	11.633	167	387879	41.951	ng	99
74) Di-n-butylphthalate	11.957	149	461045	41.248	ng	99
75) Fluoranthene	12.616	202	461433	41.772	ng	99
77) Benzidine	12.739	184	84424	22.354	ng	99
78) Pyrene	12.845	202	448811	43.597	ng	99
80) Butylbenzylphthalate	13.457	149	150266	42.115	ng	99
81) Benzo(a)anthracene	14.039	228	391354	44.226	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	102068	33.650	ng	96
83) Chrysene	14.074	228	349396	42.772	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	190183	38.937	ng	98
85) Di-n-octyl phthalate	14.633	149	341741	40.553	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	503139	45.429	ng	99
88) Benzo(b)fluoranthene	15.092	252	436245	49.735	ng	99
89) Benzo(k)fluoranthene	15.121	252	384664	46.853	ng	99
90) Benzo(a)pyrene	15.468	252	401625	49.632	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	409253	46.011	ng	99
92) Benzo(g,h,i)perylene	17.486	276	418232	47.615	ng	99

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

Manual Integrations APPROVED

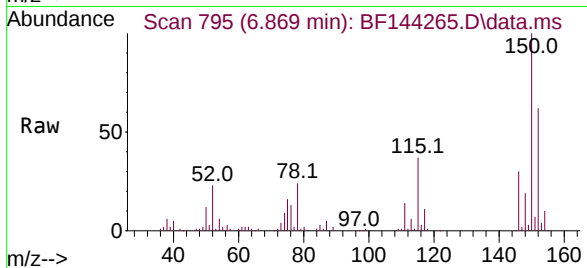
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

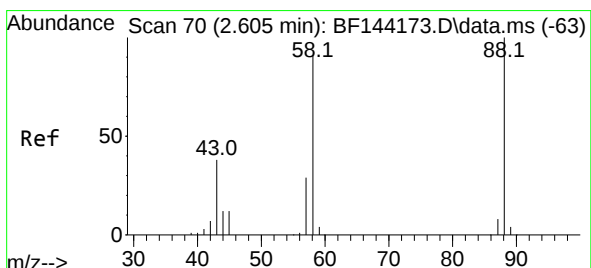
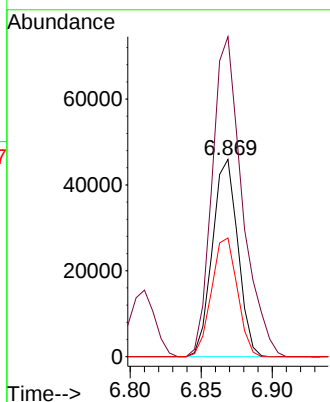
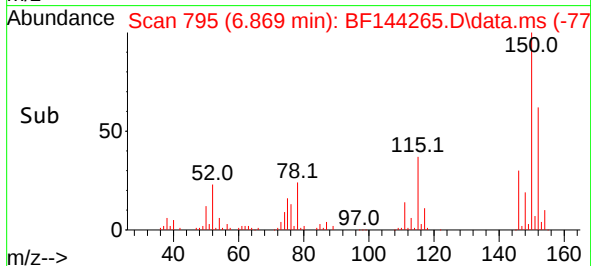
Instrument :
BNA_F
ClientSampleId :
PB170576BS



Tgt Ion:152 Resp: 57508
Ion Ratio Lower Upper
152 100
150 162.3 127.4 191.0
115 60.2 49.5 74.3

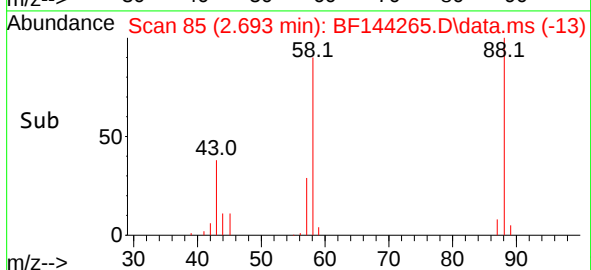
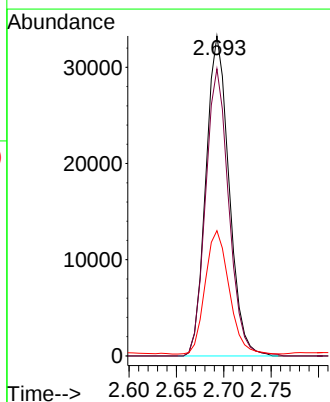
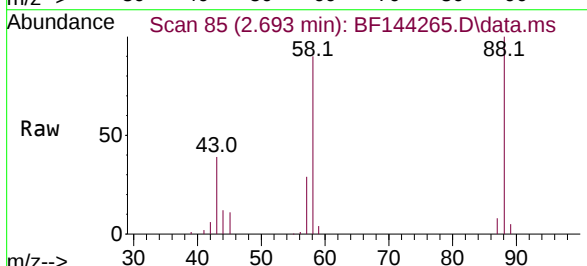
Manual Integrations
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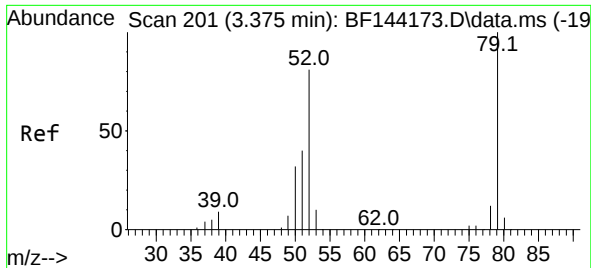
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#2
1,4-Dioxane
Concen: 37.216 ng
RT: 2.693 min Scan# 85
Delta R.T. 0.076 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion: 88 Resp: 56543
Ion Ratio Lower Upper
88 100
58 90.0 73.1 109.7
43 39.8 31.0 46.6





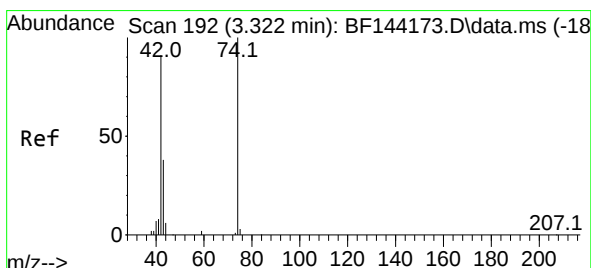
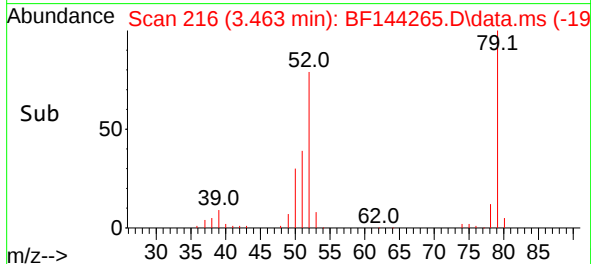
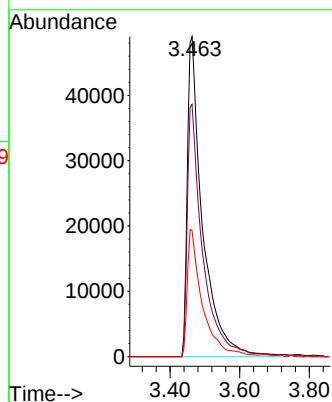
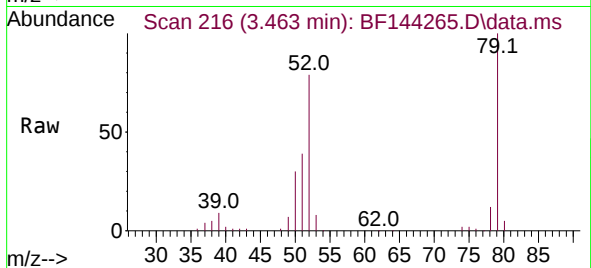
#3
Pyridine
Concen: 35.092 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB170576BS

Tgt Ion: 79 Resp: 148748
Ion Ratio Lower Upper
79 100
52 78.8 64.5 96.7
51 39.4 31.7 47.5

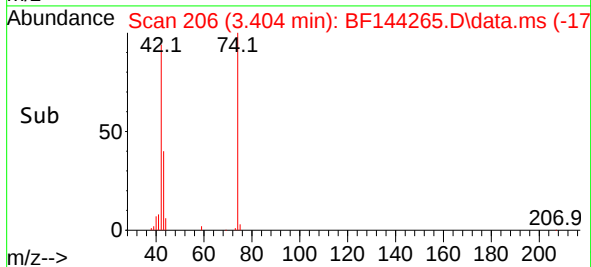
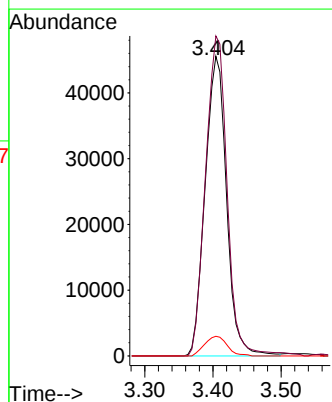
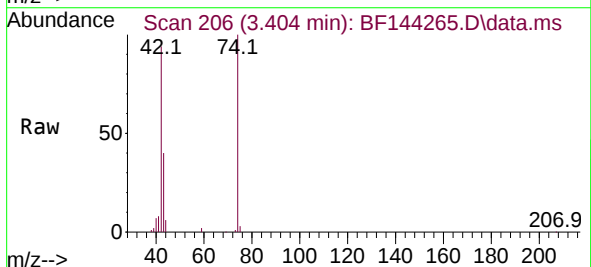
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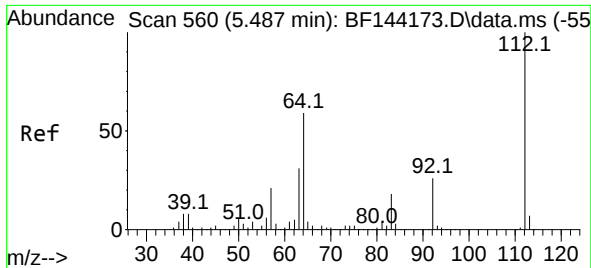
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#4
n-Nitrosodimethylamine
Concen: 44.863 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.059 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion: 42 Resp: 99331
Ion Ratio Lower Upper
42 100
74 106.8 88.2 132.4
44 6.6 5.7 8.5





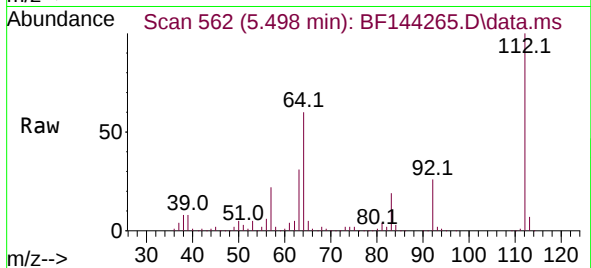
#5
2-Fluorophenol
Concen: 114.798 ng
RT: 5.498 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS

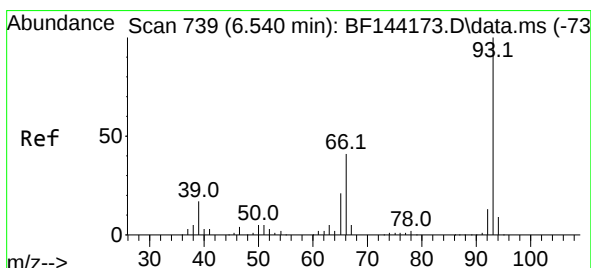
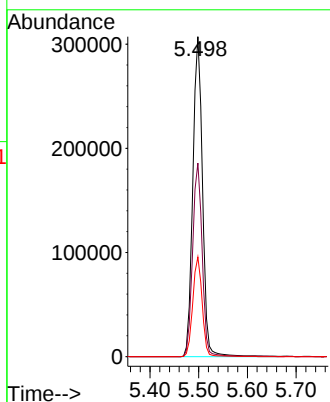
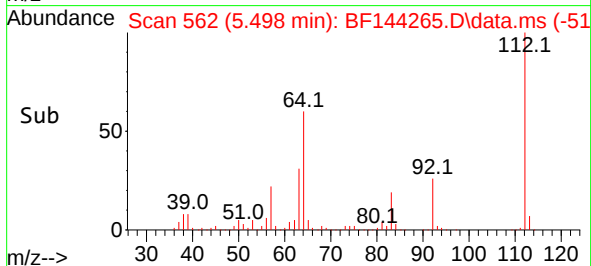


Tgt Ion:112 Resp: 421874
Ion Ratio Lower Upper
112 100
64 60.5 47.2 70.8
63 31.1 24.4 36.6

Manual Integrations

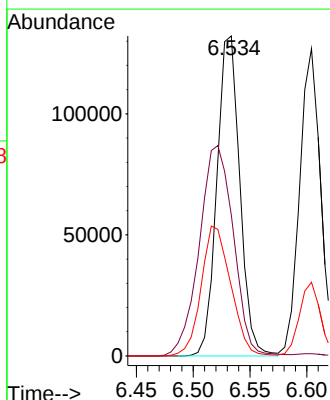
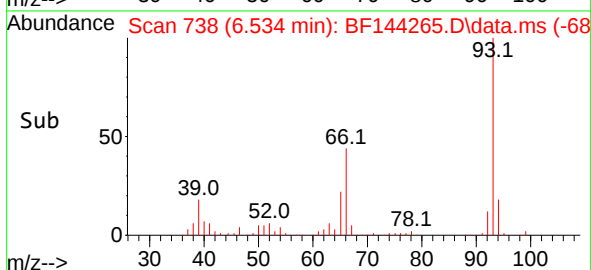
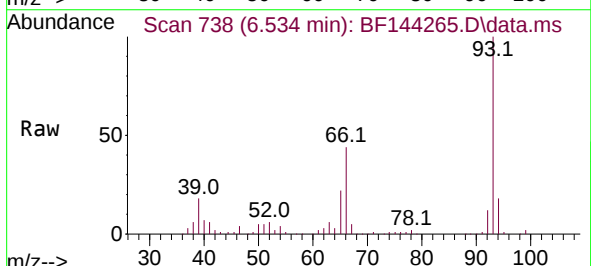
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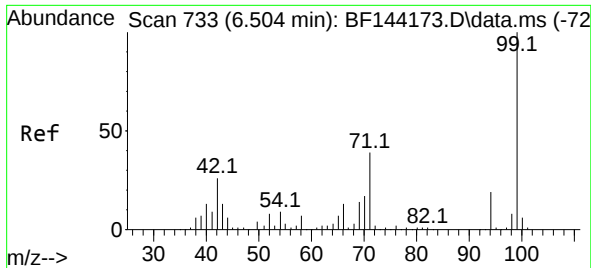
Reviewed By :Jagrut Upadhyay 11/18/2025
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#6
Aniline
Concen: 31.358 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

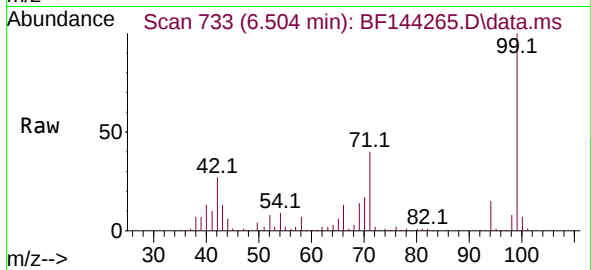
Tgt Ion: 93 Resp: 186036
Ion Ratio Lower Upper
93 100
66 44.0 34.3 51.5
65 21.8 16.9 25.3





#7
Phenol-d6
Concen: 114.978 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

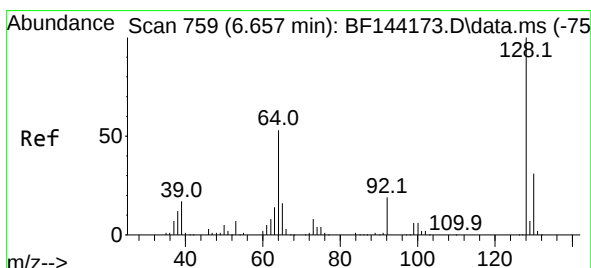
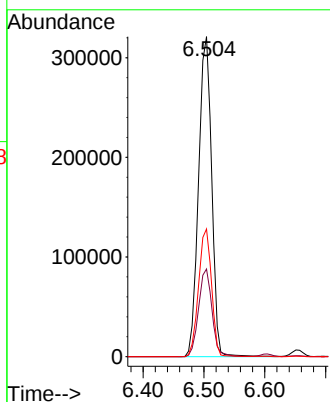
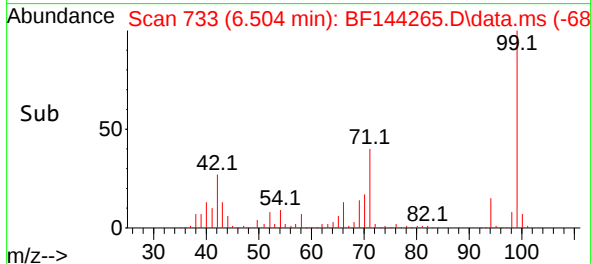
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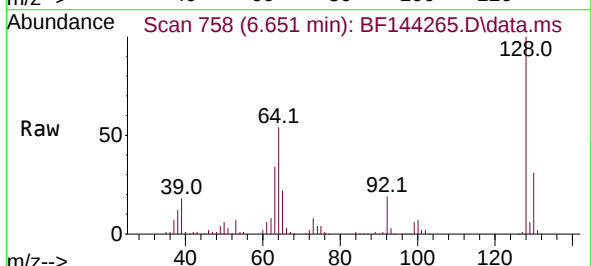
Tgt Ion: 99 Resp: 478765
Ion Ratio Lower Upper
99 100
42 27.4 20.9 31.3
71 39.9 31.4 47.2

Manual Integrations
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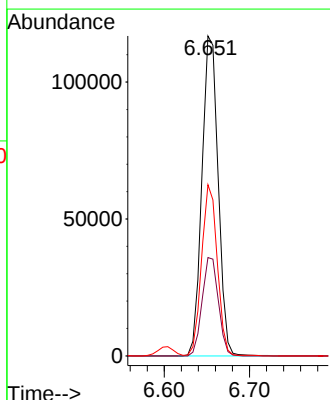
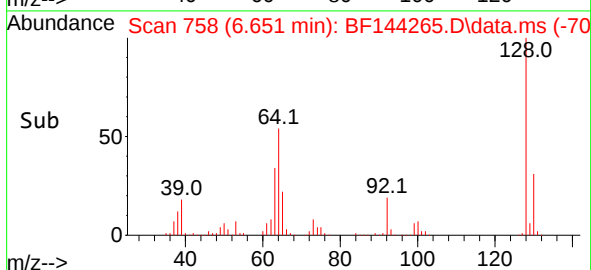
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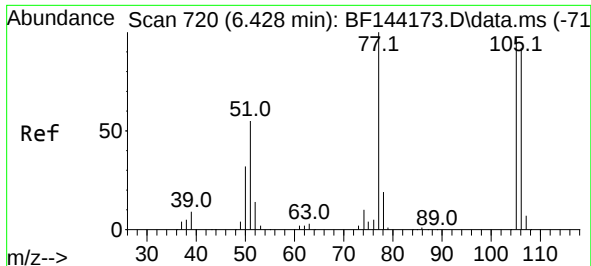


#8
2-Chlorophenol
Concen: 42.857 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:128 Resp: 154455
Ion Ratio Lower Upper
128 100
130 30.7 10.5 50.5
64 53.5 33.2 73.2





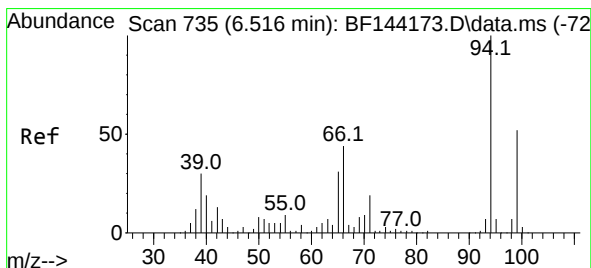
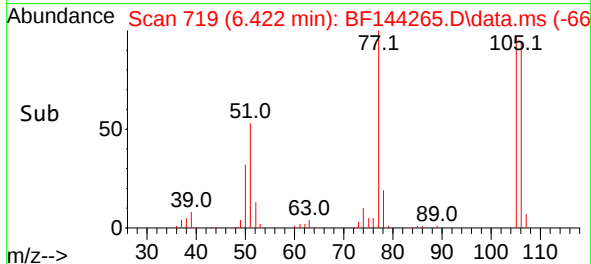
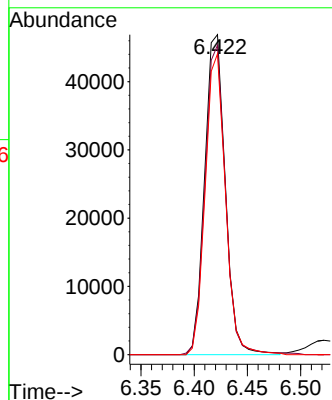
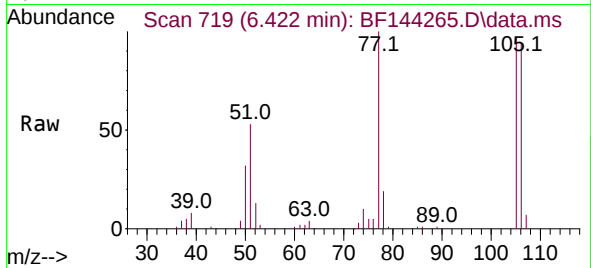
#9
Benzaldehyde
Concen: 26.803 ng
RT: 6.422 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB170576BS

Tgt Ion: 77 Resp: 63023
Ion Ratio Lower Upper
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105 96.7 77.2 117.2
106 94.0 72.2 112.2

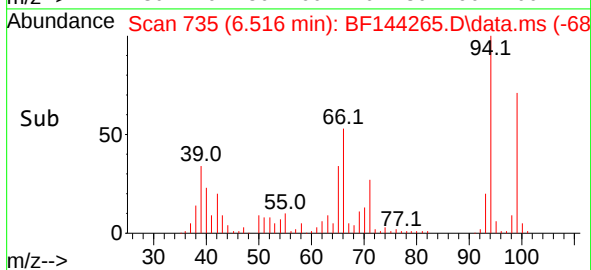
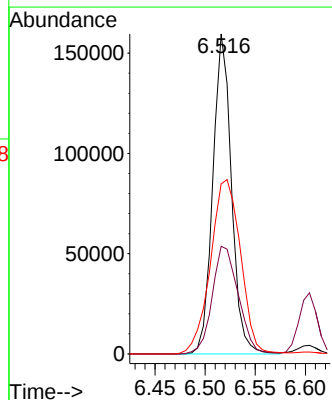
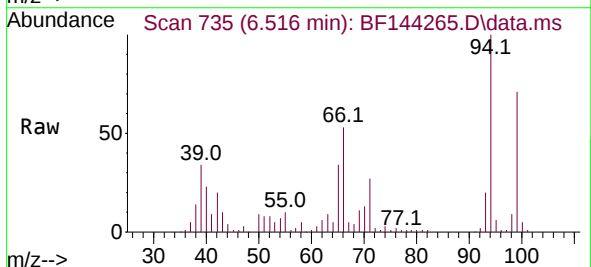
Manual Integrations
APPROVED

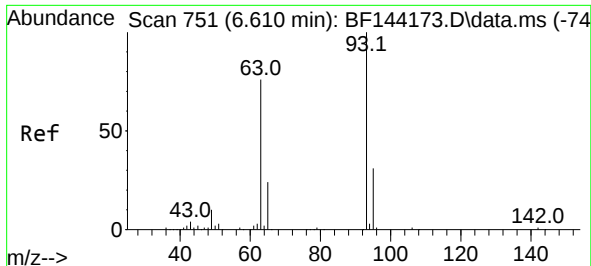
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#10
Phenol
Concen: 40.702 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion: 94 Resp: 207073
Ion Ratio Lower Upper
94 100
65 33.6 10.8 50.8
66 53.2 24.3 64.3





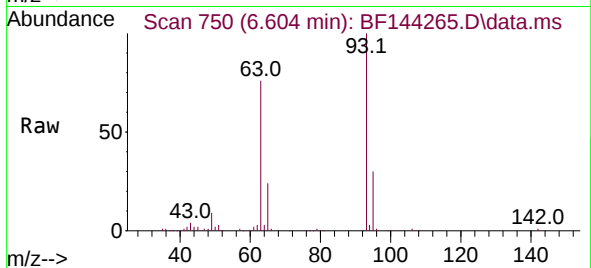
#11
bis(2-Chloroethyl)ether
Concen: 43.023 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

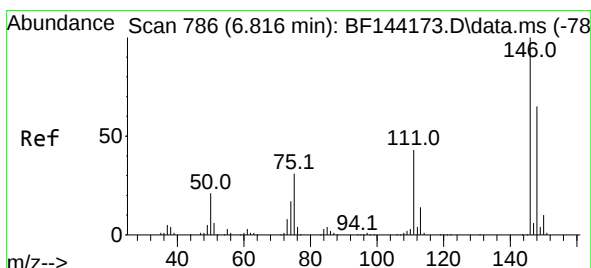
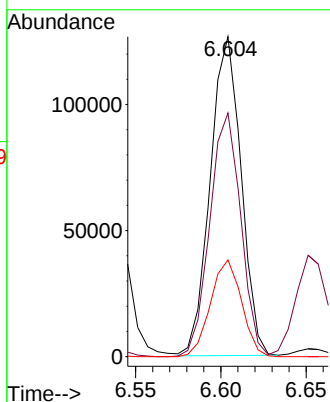
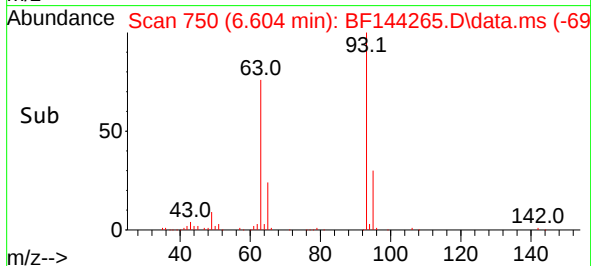
PB170576BS



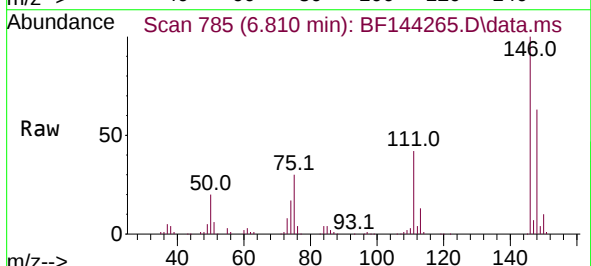
Tgt Ion: 93 Resp: 159489
Ion Ratio Lower Upper
93 100
63 76.1 55.2 95.2
95 30.2 11.2 51.2

Manual Integrations
APPROVED

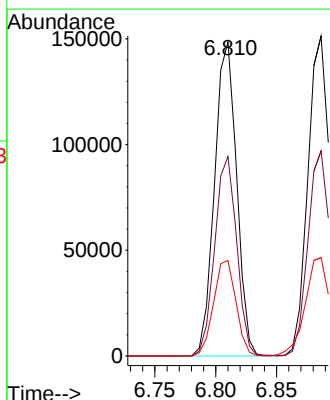
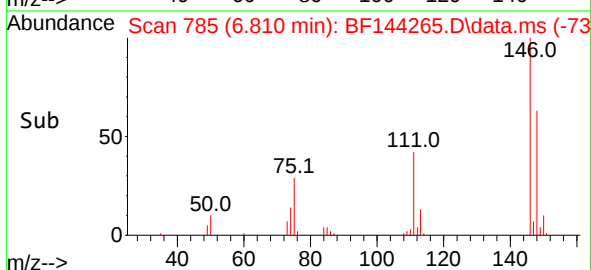
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

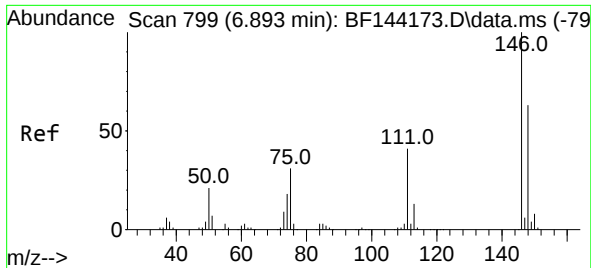


#12
1,3-Dichlorobenzene
Concen: 42.208 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:146 Resp: 187707
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 30.4 25.0 37.4





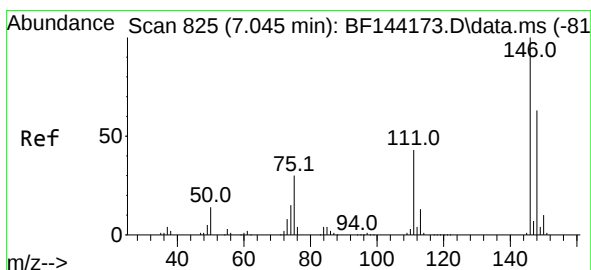
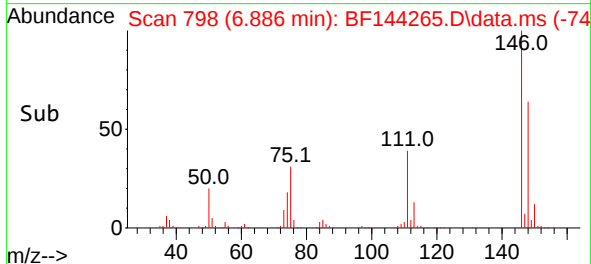
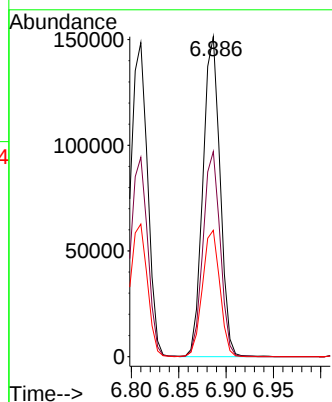
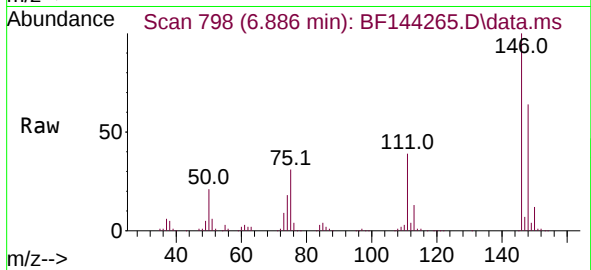
#13
1,4-Dichlorobenzene
Concen: 42.829 ng
RT: 6.886 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB170576BS

Tgt Ion:146 Resp: 190820
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 39.5 32.6 48.8

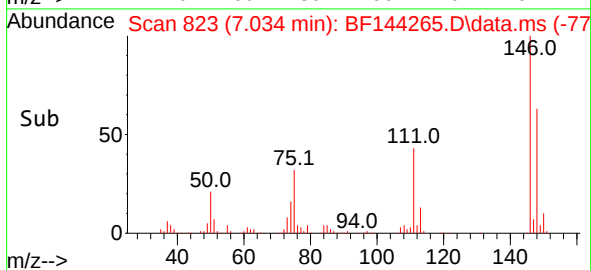
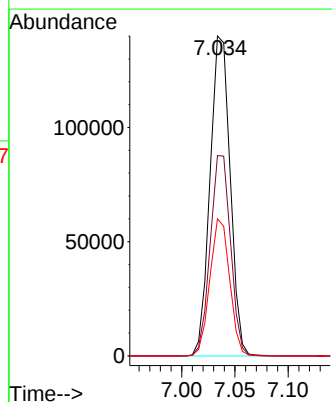
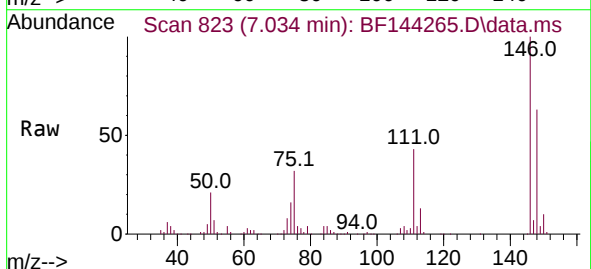
Manual Integrations
APPROVED

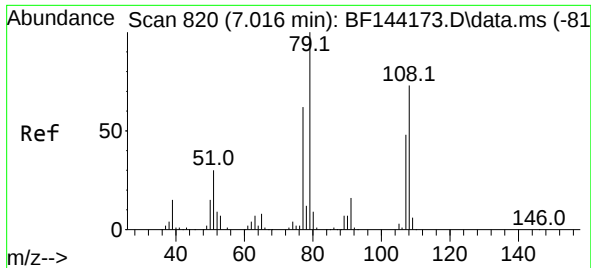
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#14
1,2-Dichlorobenzene
Concen: 43.046 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion:146 Resp: 183824
Ion Ratio Lower Upper
146 100
148 62.6 50.7 76.1
111 42.8 34.2 51.4





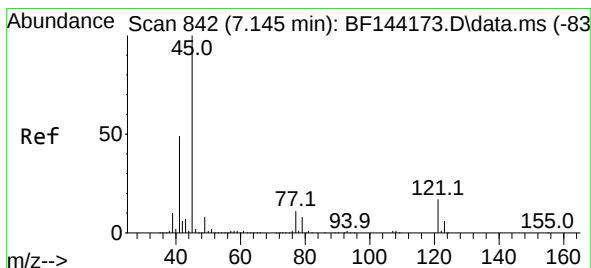
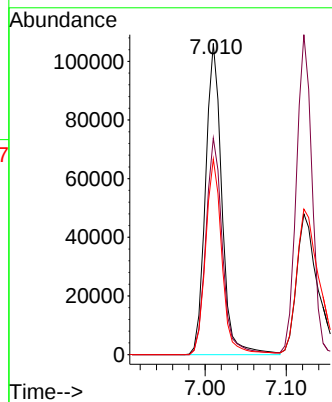
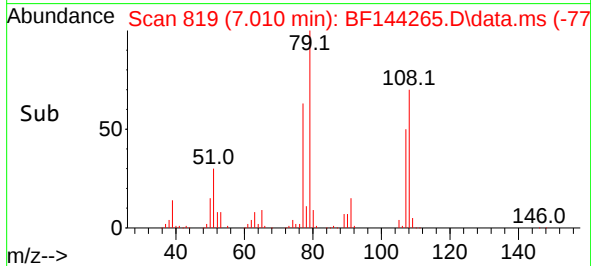
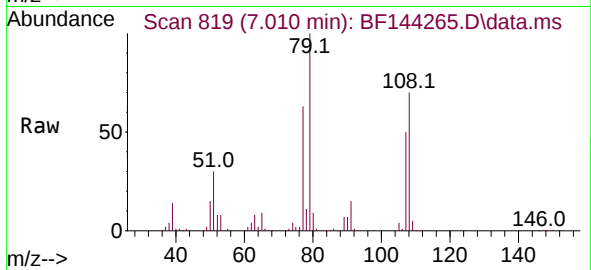
#15
Benzyl Alcohol
Concen: 45.102 ng
RT: 7.010 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB170576BS

Tgt Ion: 79 Resp: 148710
Ion Ratio Lower Upper
79 100
108 69.6 58.2 87.4
77 62.8 49.9 74.9

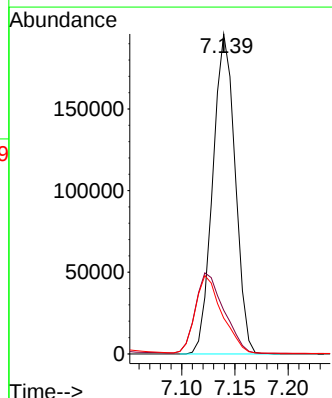
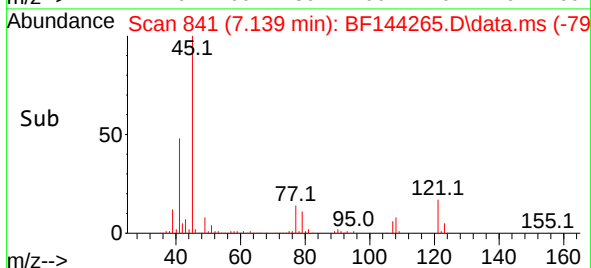
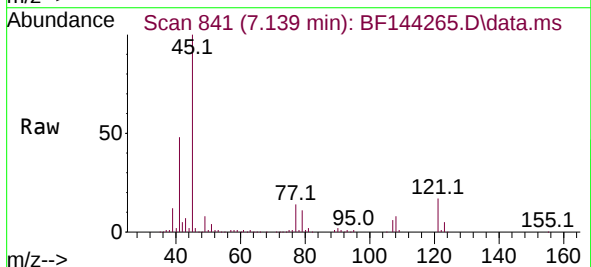
Manual Integrations
APPROVED

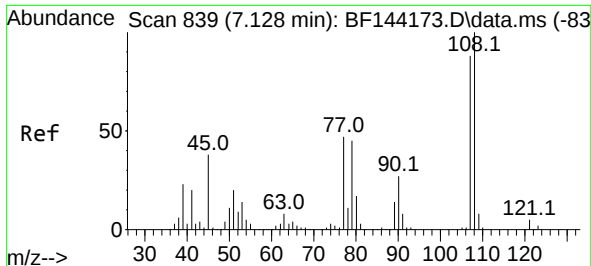
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.940 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

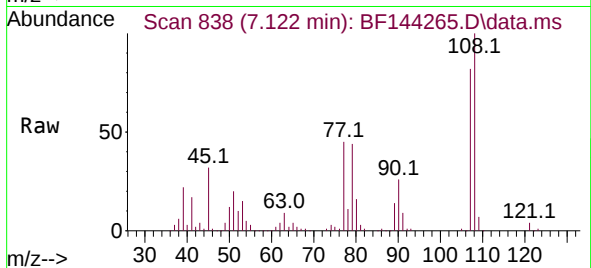
Tgt Ion: 45 Resp: 286313
Ion Ratio Lower Upper
45 100
77 13.6 0.0 31.8
79 11.2 0.0 29.1





#17
2-Methylphenol
Concen: 41.804 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

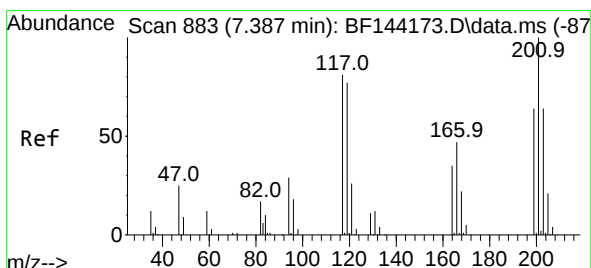
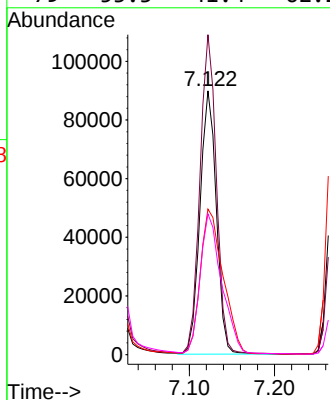
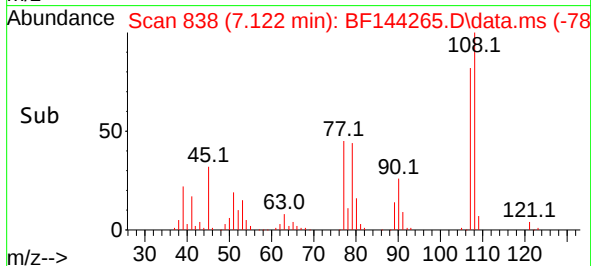
Instrument :
BNA_F
ClientSampleId :
PB170576BS



Tgt Ion:107 Resp: 11985
Ion Ratio Lower Upper
107 100
108 121.4 91.0 136.4
77 55.2 42.7 64.1
79 53.3 41.4 62.2

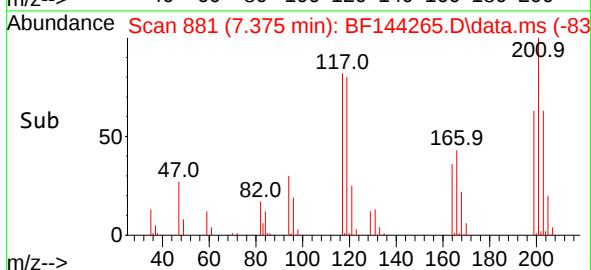
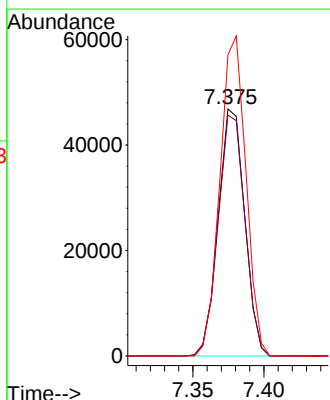
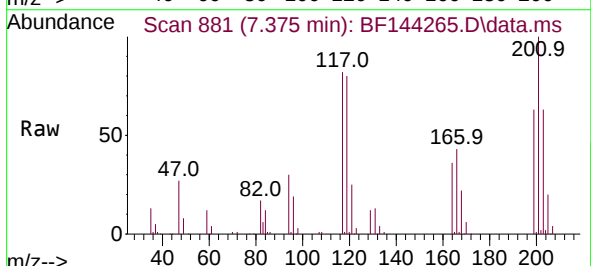
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#18
Hexachloroethane
Concen: 41.212 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

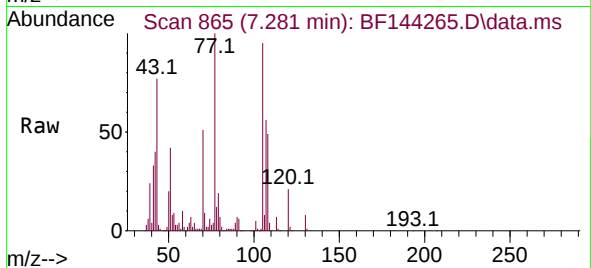
Tgt Ion:117 Resp: 61002
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 122.0 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.182 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

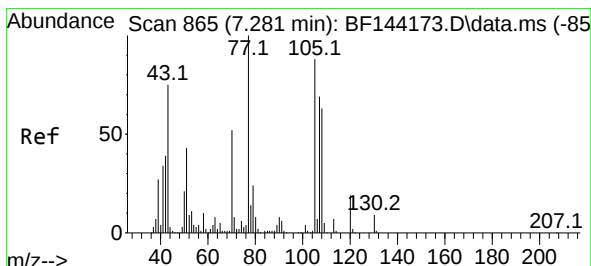
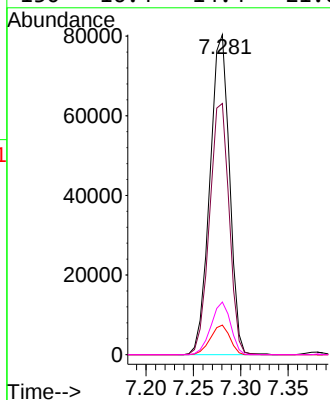
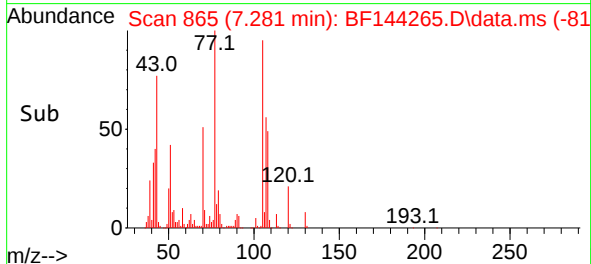
Instrument :
BNA_F
ClientSampleId :
PB170576BS



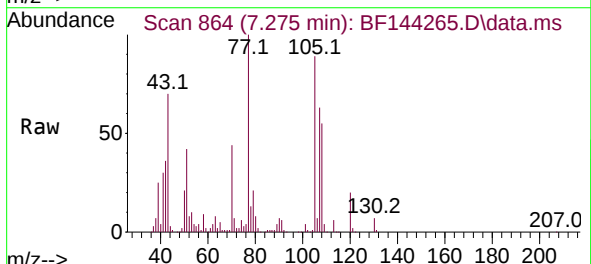
Tgt Ion: 70 Resp: 11562
Ion Ratio Lower Upper
70 100
42 78.5 58.3 87.5
101 9.2 7.0 10.6
130 16.4 14.4 21.6

Manual Integrations
APPROVED

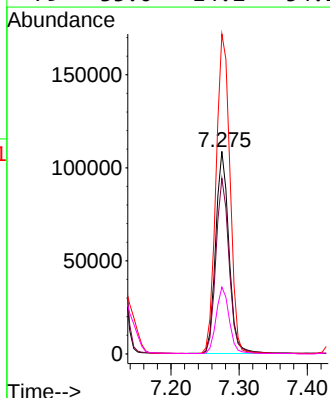
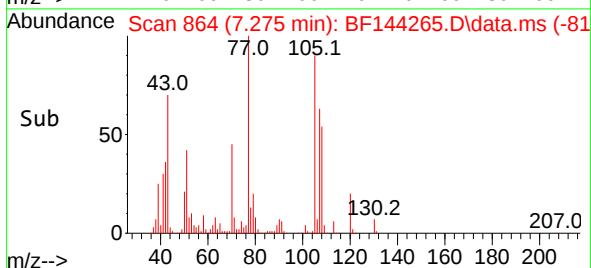
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

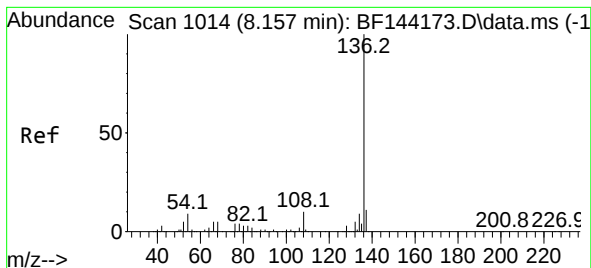


#20
3+4-Methylphenols
Concen: 43.275 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:107 Resp: 146258
Ion Ratio Lower Upper
107 100
108 86.7 70.2 110.2
77 158.0 123.9 163.9
79 33.0 14.2 54.2





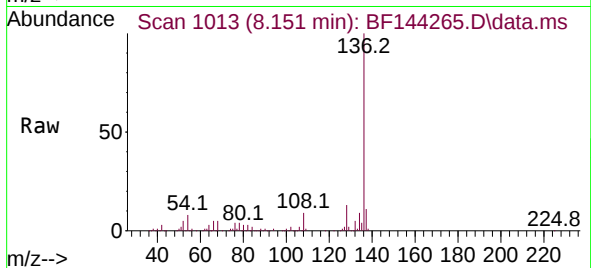
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS

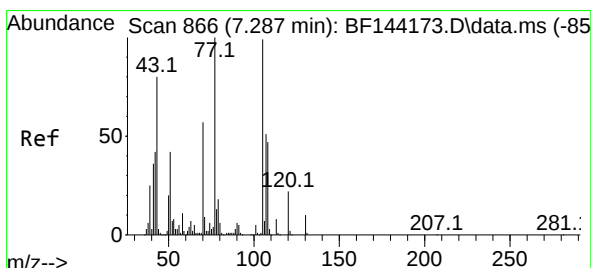
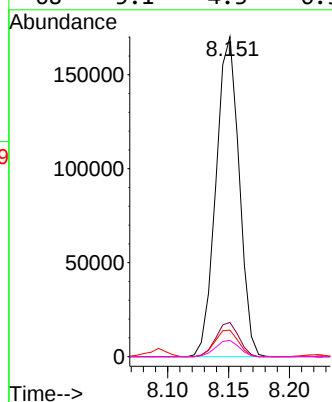
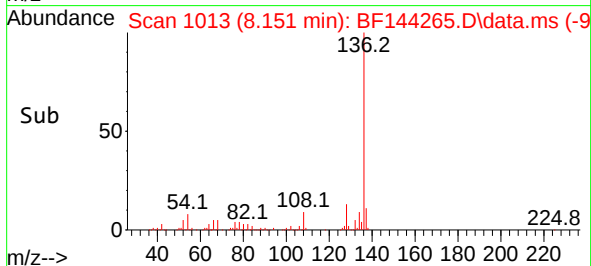


Tgt Ion:136 Resp: 224963
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.0 10.6
68 5.1 4.3 6.5

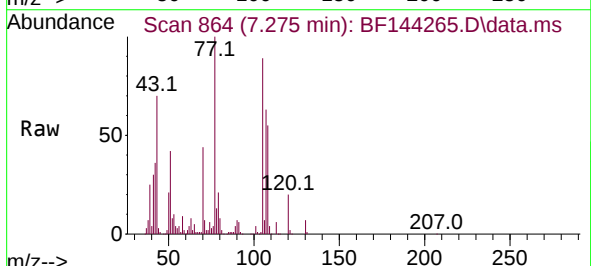
Manual Integrations

APPROVED

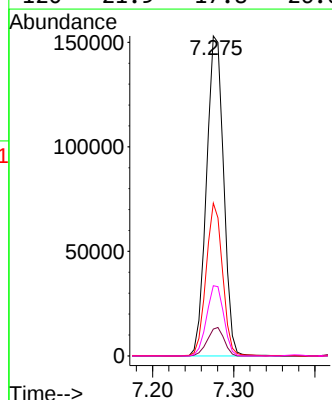
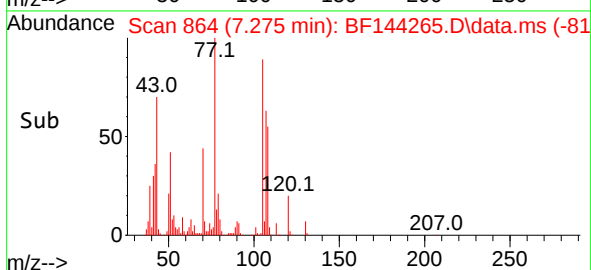
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

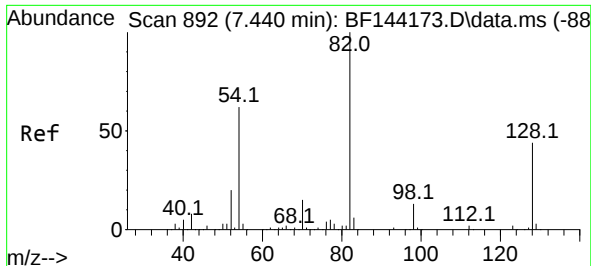


#22
Acetophenone
Concen: 46.615 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:105 Resp: 224963
Ion Ratio Lower Upper
105 100
71 8.4 7.2 10.8
51 47.7 34.0 51.0
120 21.9 17.8 26.6





#23

Nitrobenzene-d5

Concen: 79.970 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144265.D

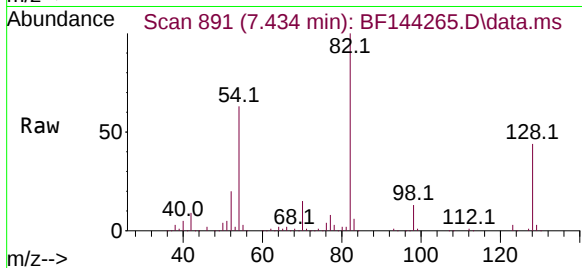
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS



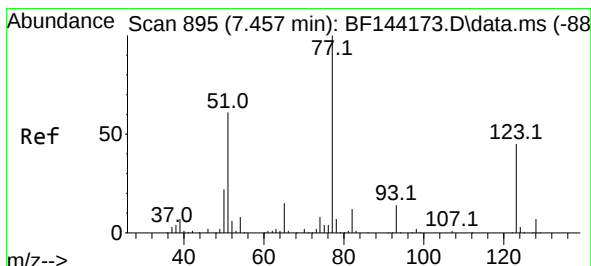
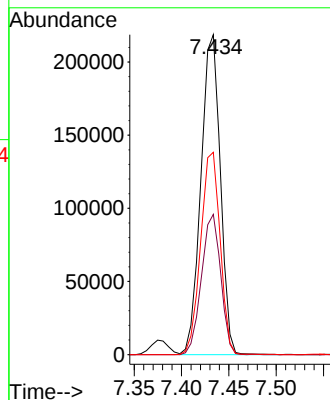
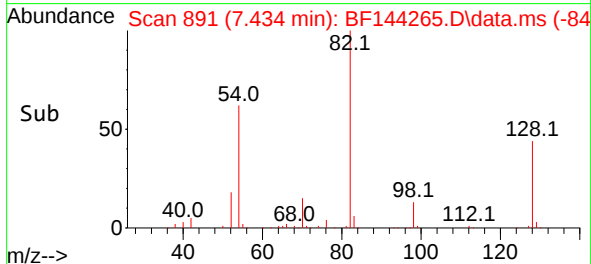
Tgt Ion: 82 Resp: 311496

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.7	52.1
54	63.2	49.5	74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#24

Nitrobenzene

Concen: 41.532 ng

RT: 7.451 min Scan# 894

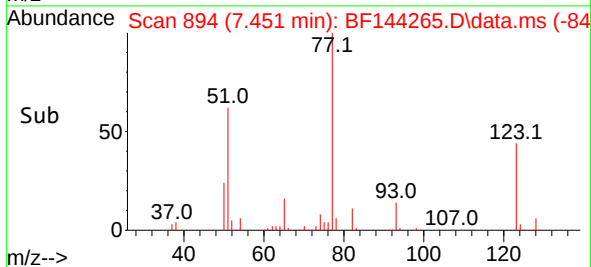
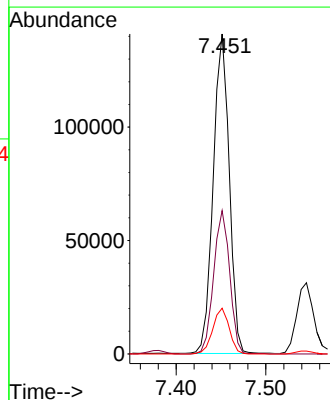
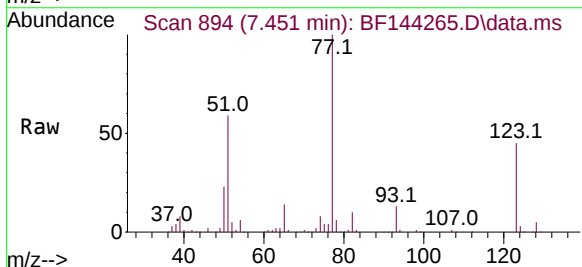
Delta R.T. -0.000 min

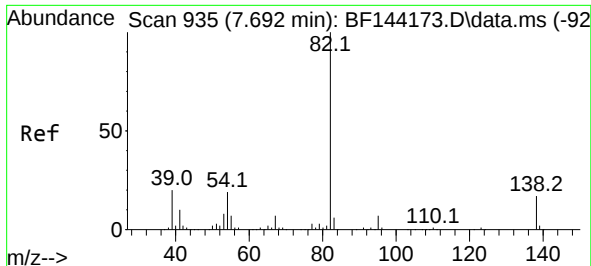
Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Tgt Ion: 77 Resp: 175647

Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.8	53.8
65	14.3	12.2	18.2





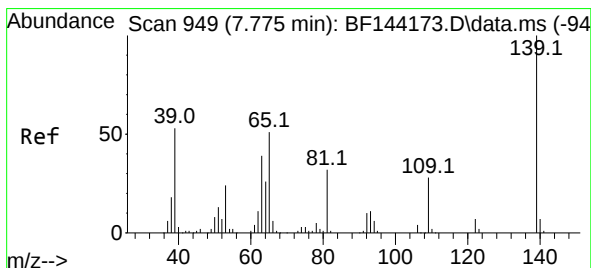
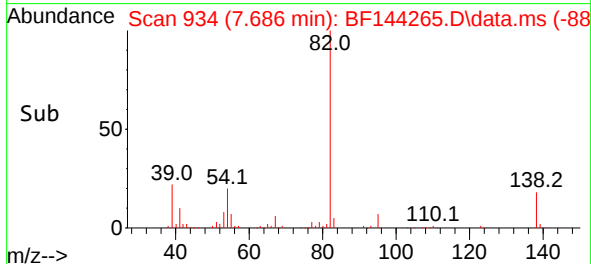
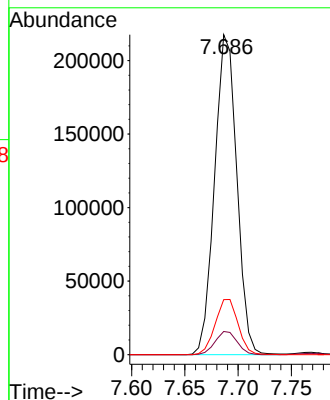
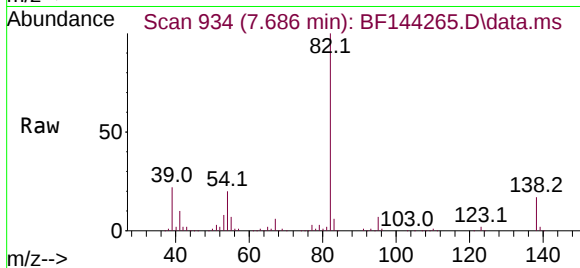
#25
Isophorone
Concen: 42.901 ng
RT: 7.686 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB170576BS

Tgt Ion: 82 Resp: 316082
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.2 13.7 20.5

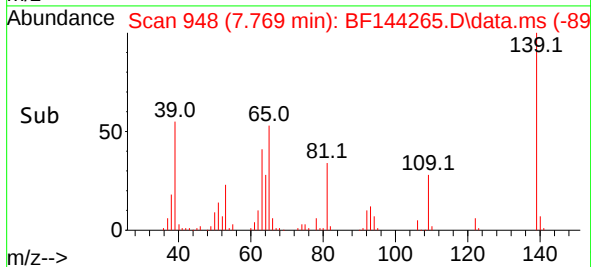
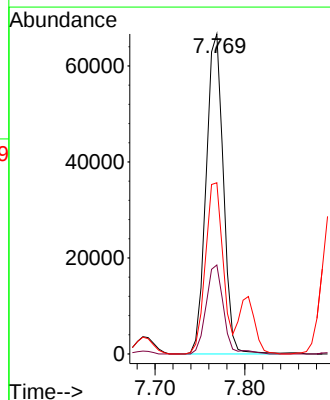
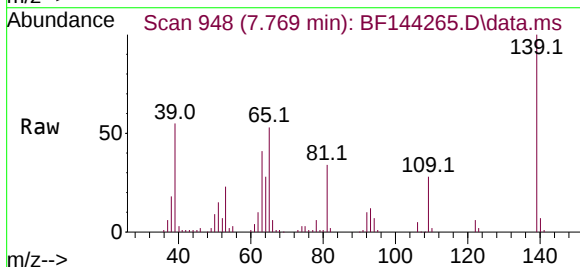
Manual Integrations
APPROVED

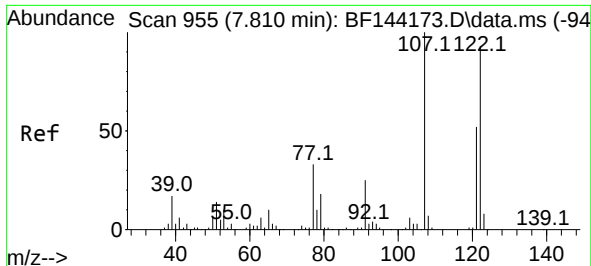
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#26
2-Nitrophenol
Concen: 42.487 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion:139 Resp: 88948
Ion Ratio Lower Upper
139 100
109 27.8 22.2 33.2
65 53.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.708 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS

Tgt Ion:122 Resp: 14656

Ion Ratio Lower Upper

122 100

107 112.1 86.2 129.4

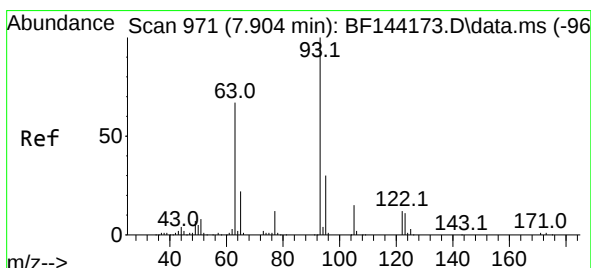
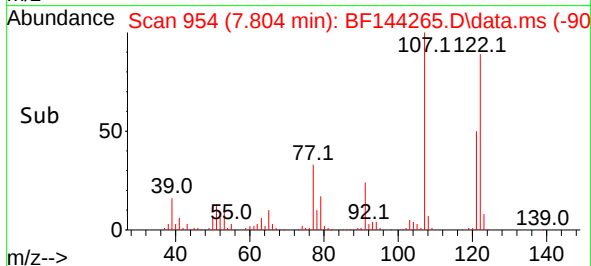
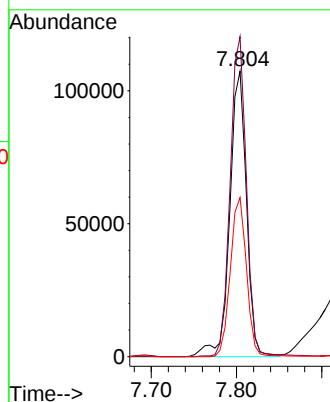
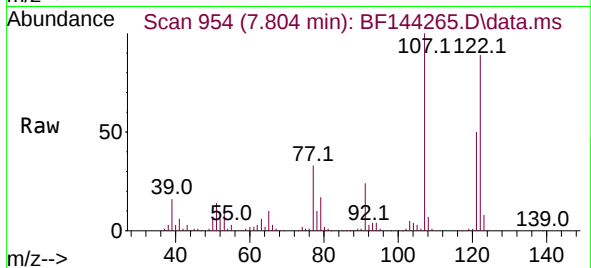
121 55.7 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025

Supervised By :Sohil Jodhani 11/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.524 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

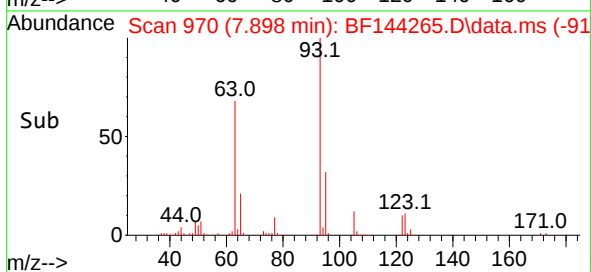
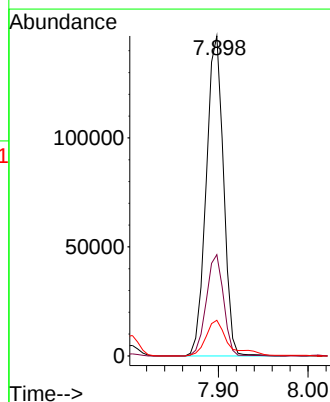
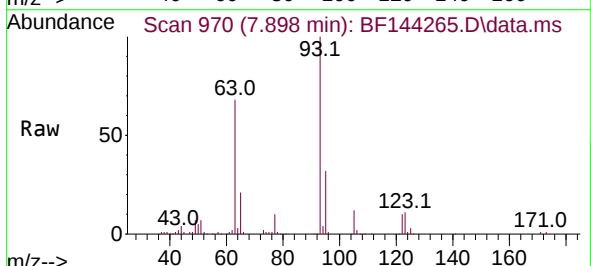
Tgt Ion: 93 Resp: 195648

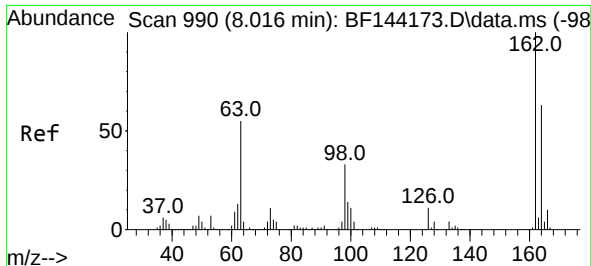
Ion Ratio Lower Upper

93 100

95 31.6 24.2 36.4

123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.771 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

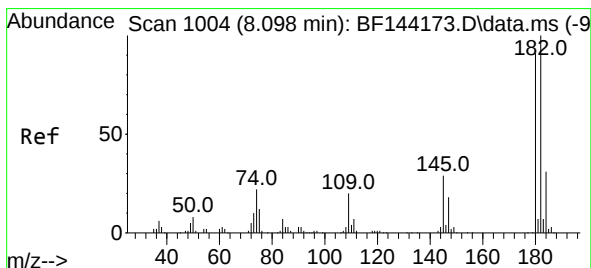
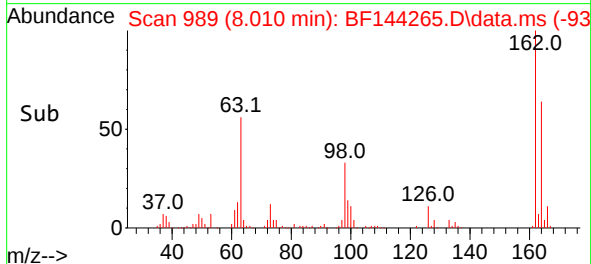
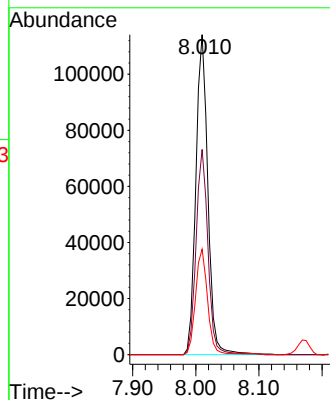
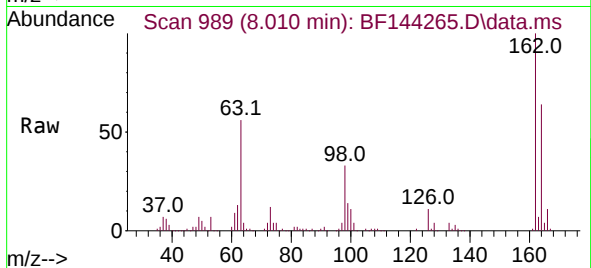
PB170576BS

Tgt Ion:162	Resp: 15107
Ion Ratio	Lower Upper
162 100	
164 64.1	42.9 82.9
98 32.9	13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.180 ng

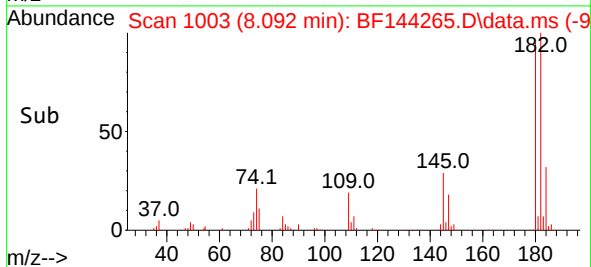
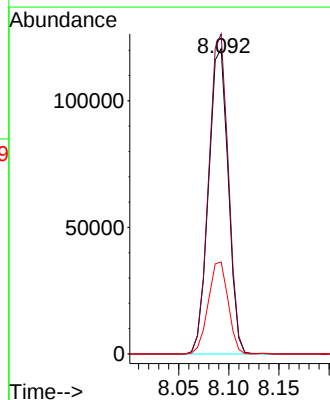
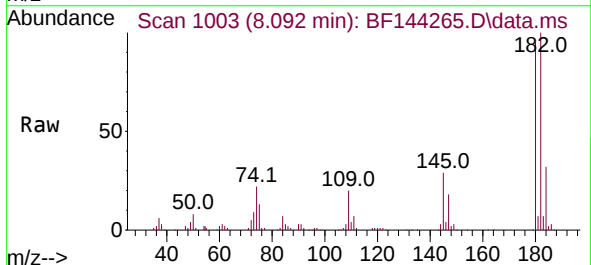
RT: 8.092 min Scan# 1003

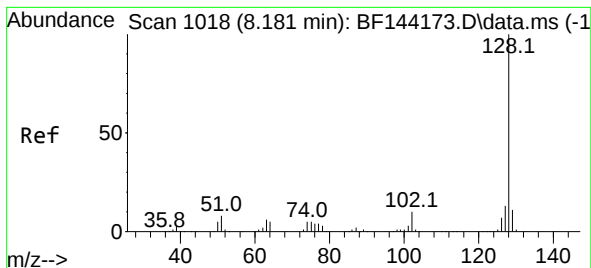
Delta R.T. -0.006 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Tgt Ion:180	Resp: 164074
Ion Ratio	Lower Upper
180 100	
182 104.9	87.7 131.5
145 30.1	25.4 38.0





#31

Naphthalene

Concen: 41.797 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

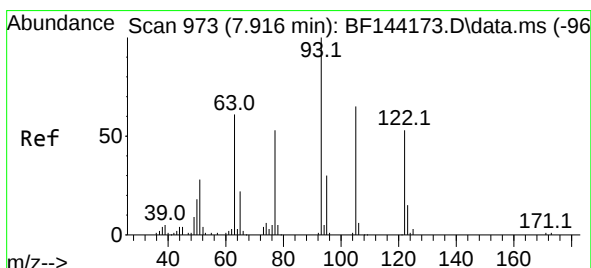
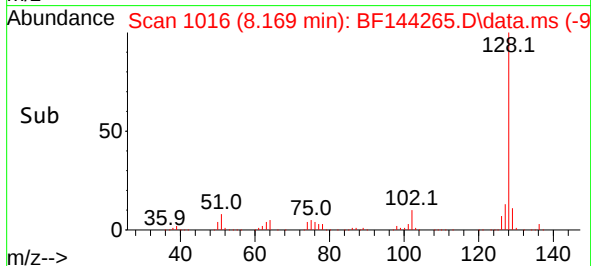
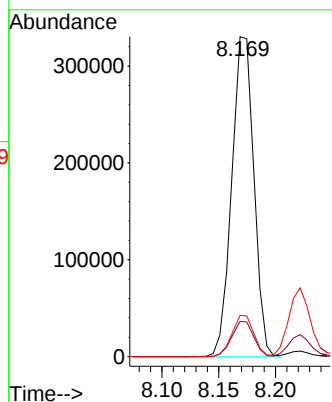
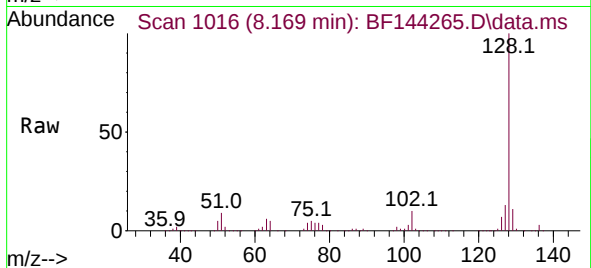
PB170576BS

Tgt Ion:128 Resp: 447289
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 12.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025



#32

Benzoic acid

Concen: 44.073 ng

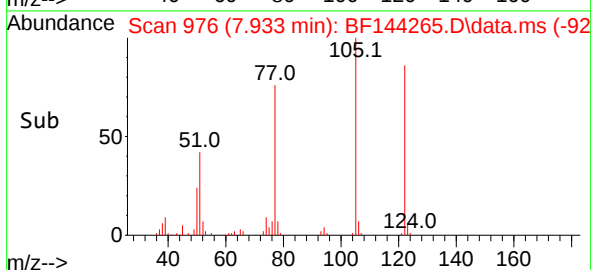
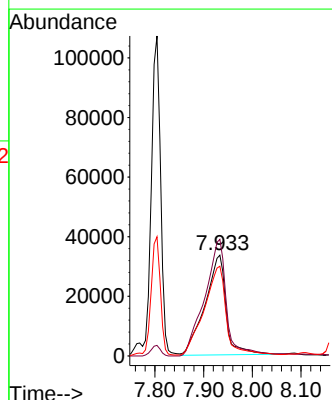
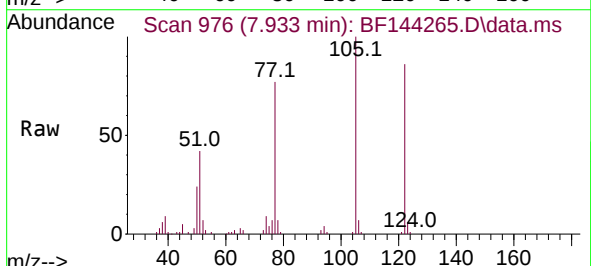
RT: 7.933 min Scan# 976

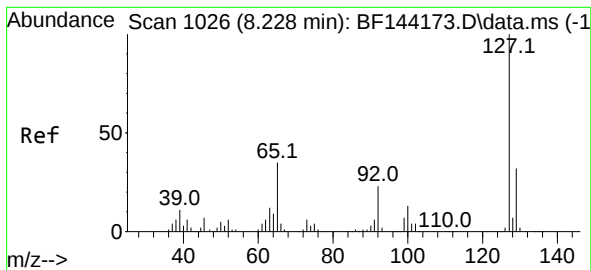
Delta R.T. -0.018 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Tgt Ion:122 Resp: 101372
 Ion Ratio Lower Upper
 122 100
 105 115.7 99.9 139.9
 77 88.9 77.5 117.5





#33
4-Chloroaniline
Concen: 24.837 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

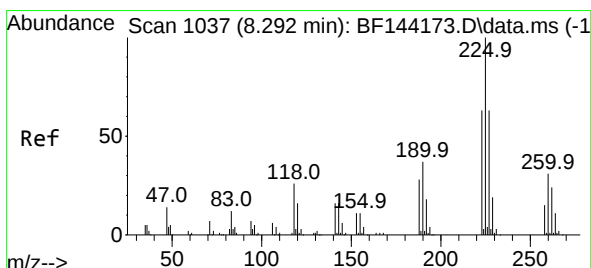
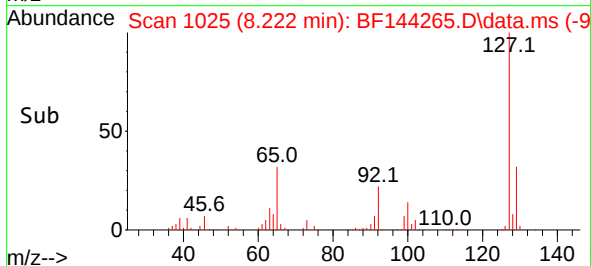
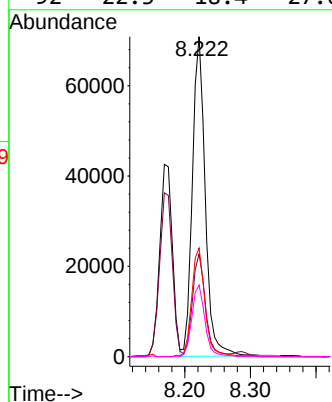
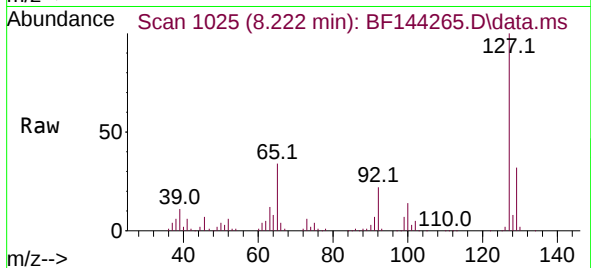
PB170576BS

Tgt Ion:127 Resp: 96938
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9
65 33.9 27.6 41.4
92 22.3 18.4 27.6

Manual Integrations

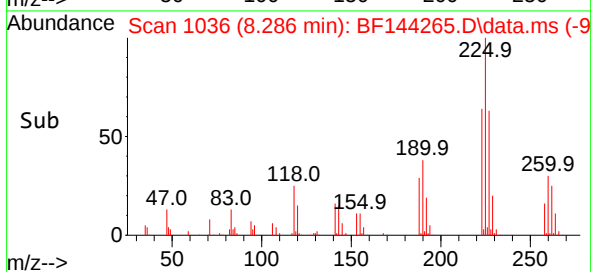
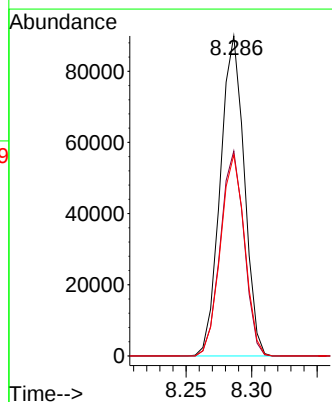
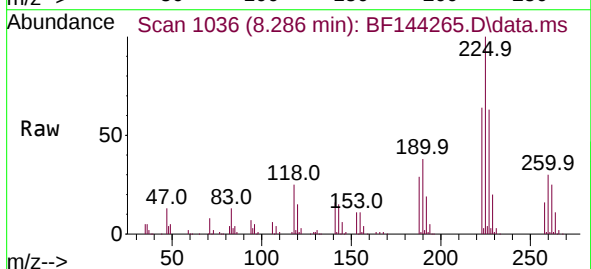
APPROVED

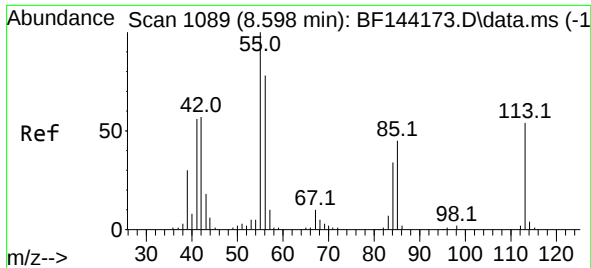
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#34
Hexachlorobutadiene
Concen: 40.898 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

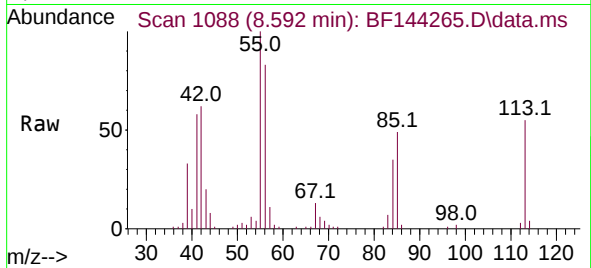
Tgt Ion:225 Resp: 114468
Ion Ratio Lower Upper
225 100
223 64.0 50.2 75.4
227 62.8 50.1 75.1





#35
Caprolactam
Concen: 43.965 ng m
RT: 8.592 min Scan# 1088
Delta R.T. -0.029 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

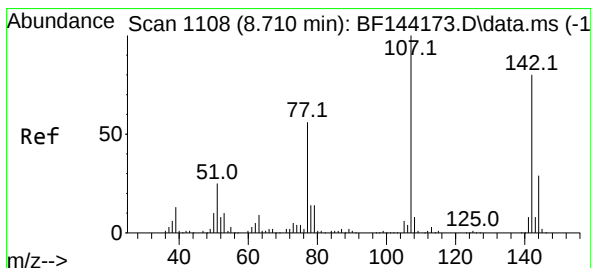
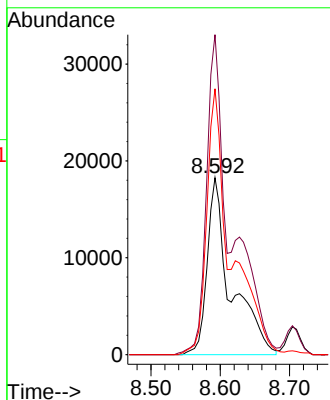
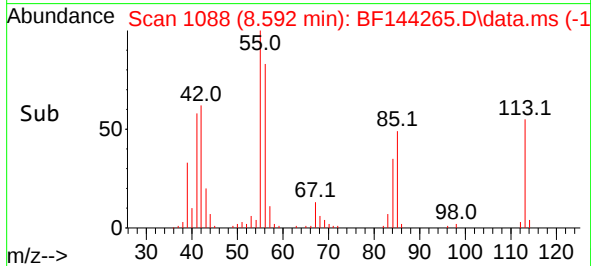
Instrument :
BNA_F
ClientSampleId :
PB170576BS



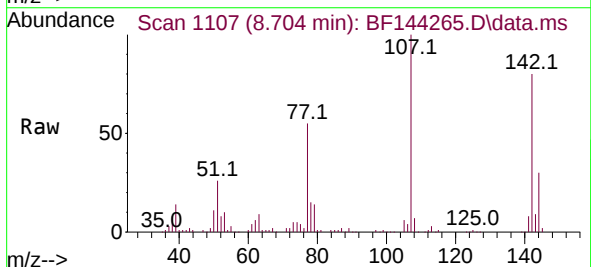
Tgt Ion:113 Resp: 43562
Ion Ratio Lower Upper
113 100
55 180.9 166.8 206.8
56 150.3 125.9 165.9

Manual Integrations
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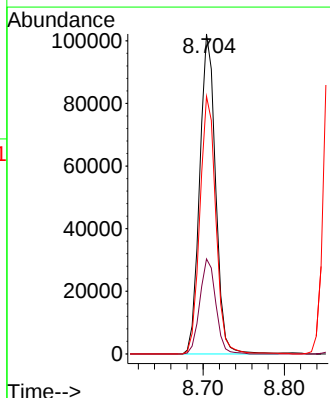
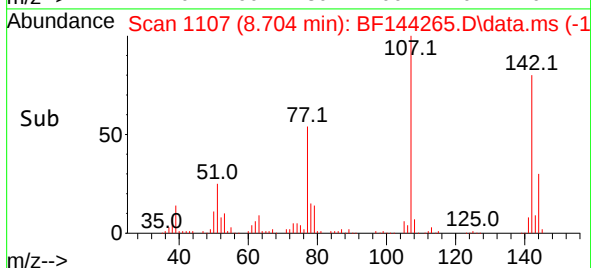
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

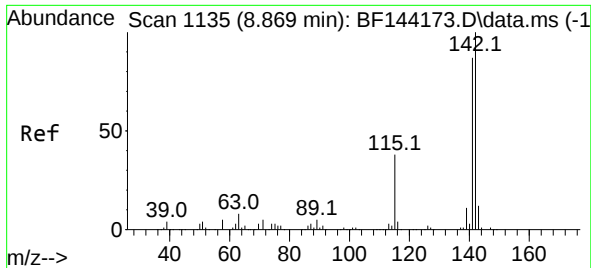


#36
4-Chloro-3-methylphenol
Concen: 42.829 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:107 Resp: 138818
Ion Ratio Lower Upper
107 100
144 29.7 23.3 34.9
142 80.5 63.8 95.6





#37
2-Methylnaphthalene
Concen: 38.935 ng
RT: 8.863 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

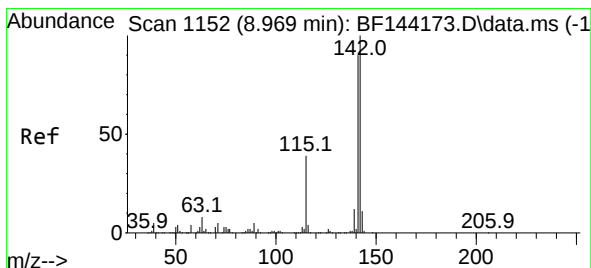
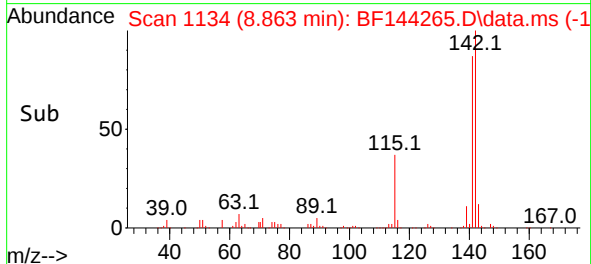
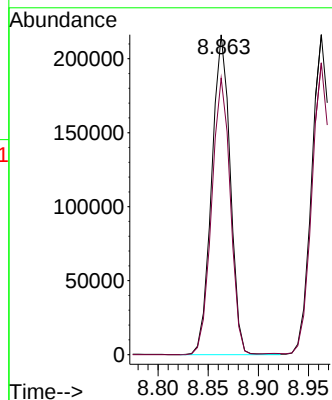
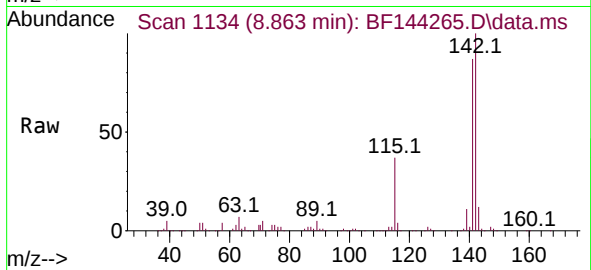
PB170576BS

Tgt Ion:142 Resp: 278575
Ion Ratio Lower Upper
142 100
141 86.5 69.9 104.9

Manual Integrations

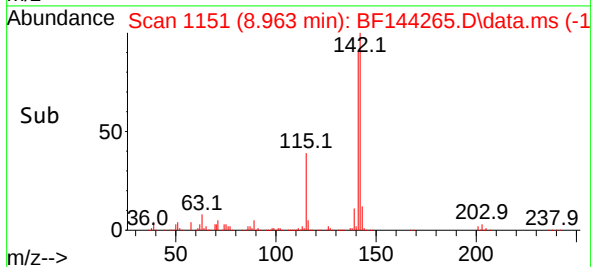
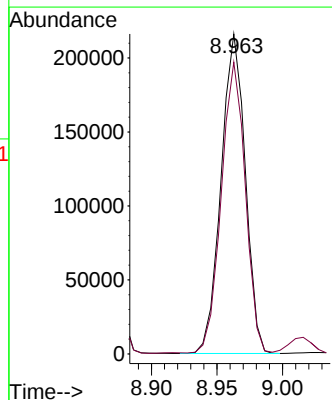
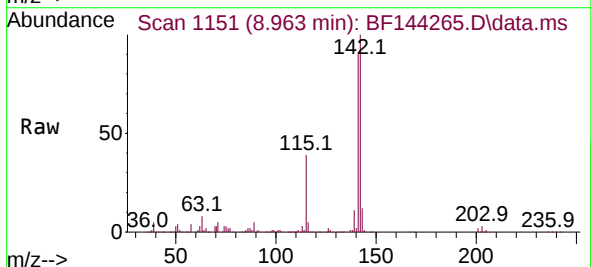
APPROVED

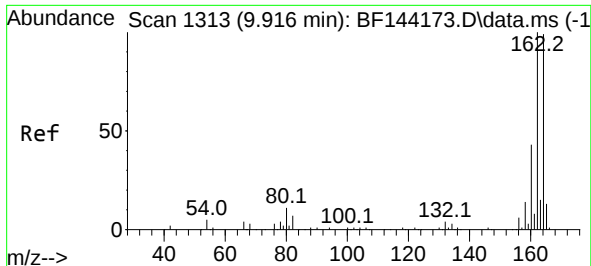
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#38
1-Methylnaphthalene
Concen: 40.269 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion:142 Resp: 278003
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF144265.D

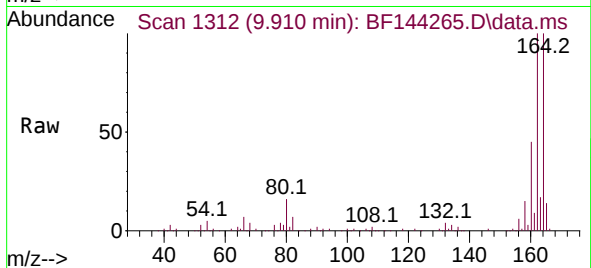
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS



Tgt Ion:164 Resp: 126893

Ion Ratio Lower Upper

164 100

162 99.6 81.1 121.7

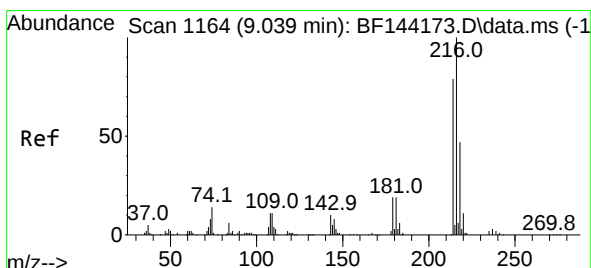
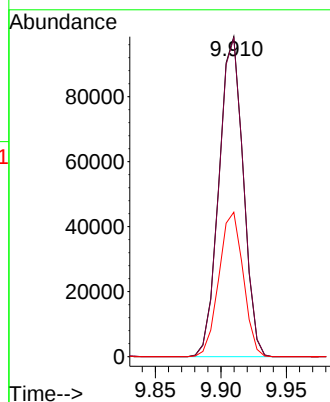
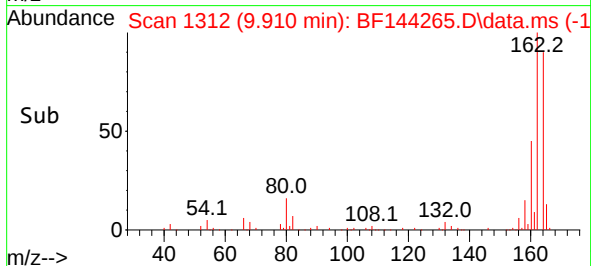
160 45.1 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025

Supervised By :Sohil Jodhani 11/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.851 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Tgt Ion:216 Resp: 190679

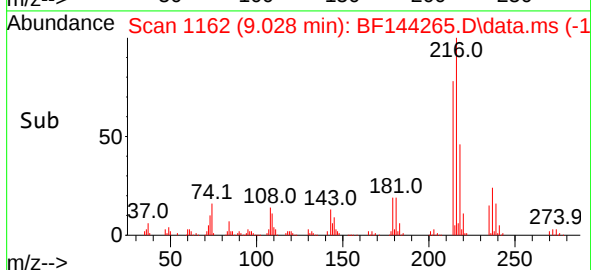
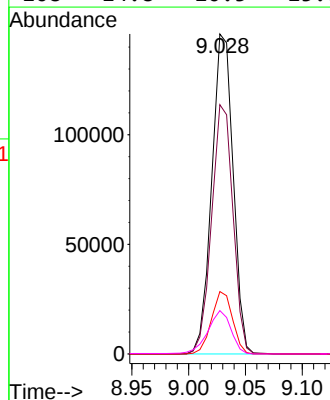
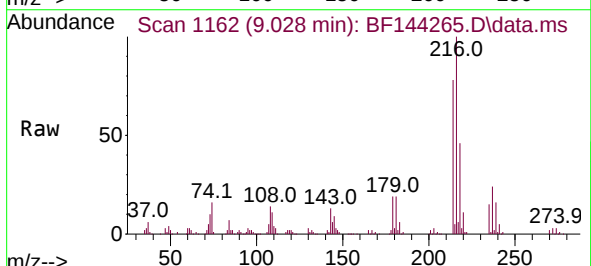
Ion Ratio Lower Upper

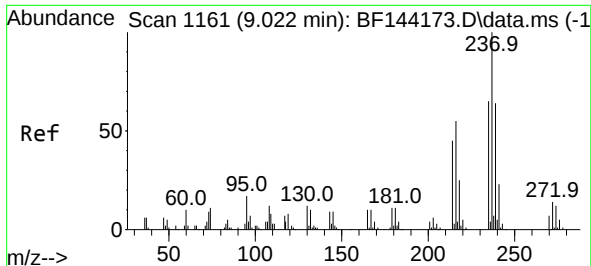
216 100

214 77.9 63.4 95.2

179 19.1 15.0 22.4

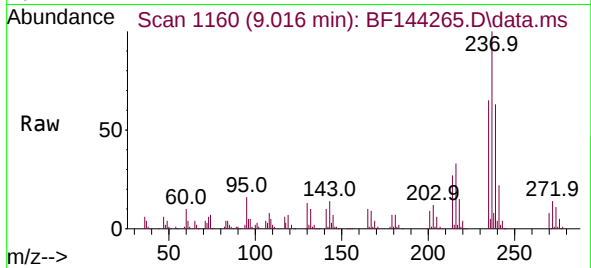
108 14.8 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 83.412 ng
RT: 9.016 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

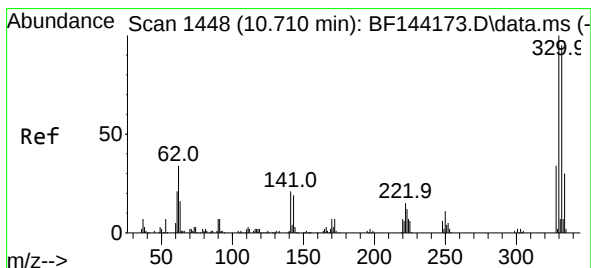
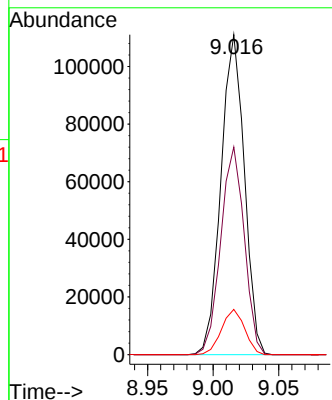
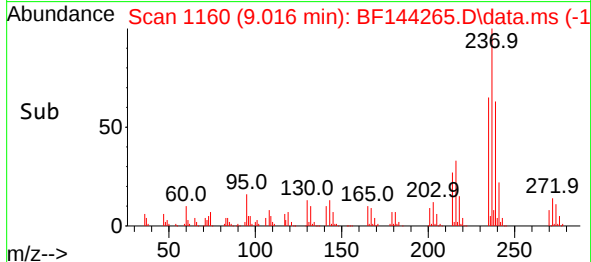
Instrument :
BNA_F
ClientSampleId :
PB170576BS



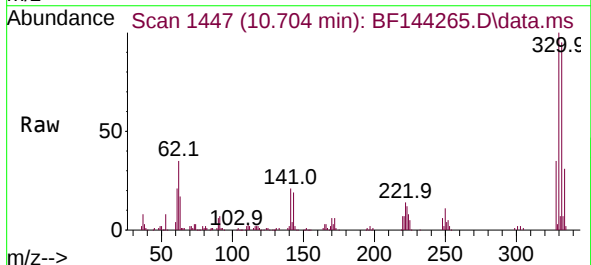
Tgt Ion:237 Resp: 137806
Ion Ratio Lower Upper
237 100
235 64.9 45.5 85.5
272 14.1 0.0 33.5

Manual Integrations
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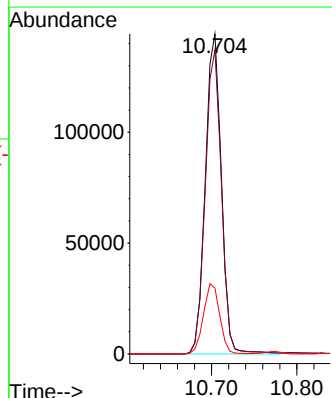
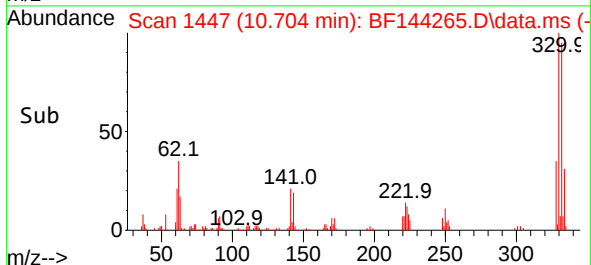
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

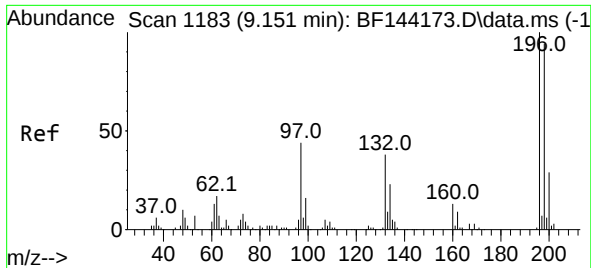


#42
2,4,6-Tribromophenol
Concen: 118.318 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



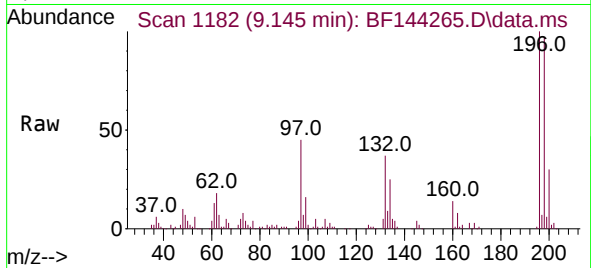
Tgt Ion:330 Resp: 188405
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 22.3 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 41.446 ng
RT: 9.145 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

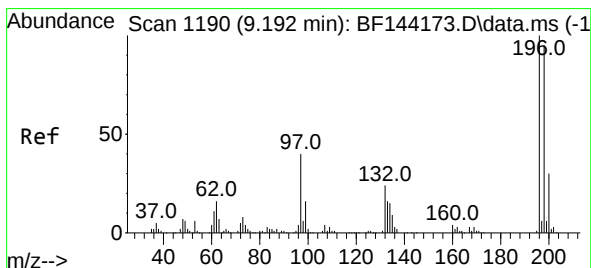
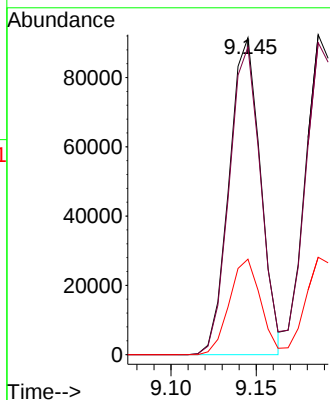
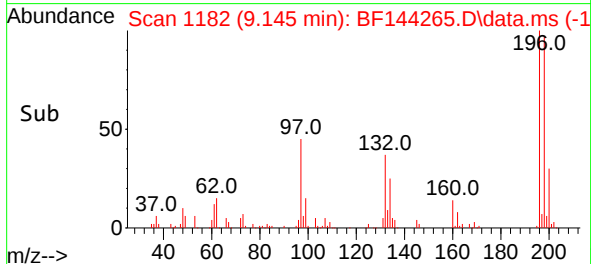
Instrument :
BNA_F
ClientSampleId :
PB170576BS



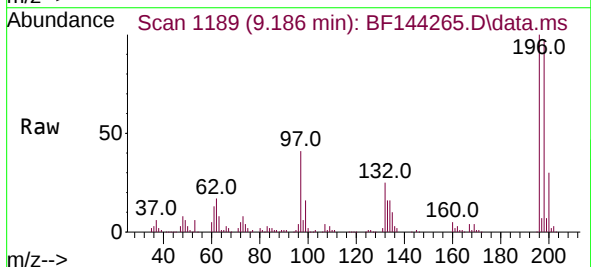
Tgt Ion:196 Resp: 117312
Ion Ratio Lower Upper
196 100
198 97.1 75.3 112.9
200 30.1 23.4 35.2

Manual Integrations
APPROVED

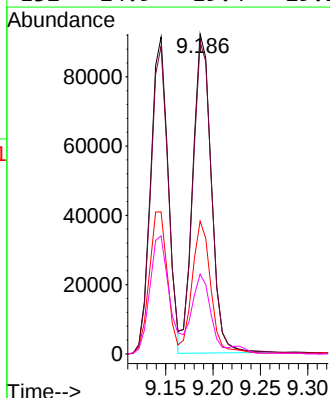
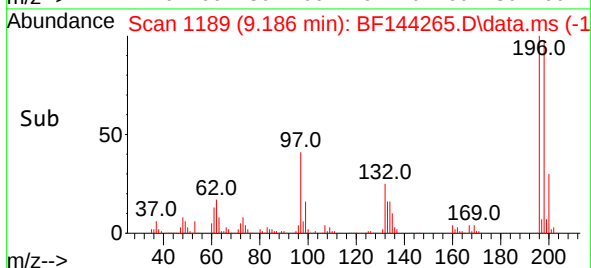
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

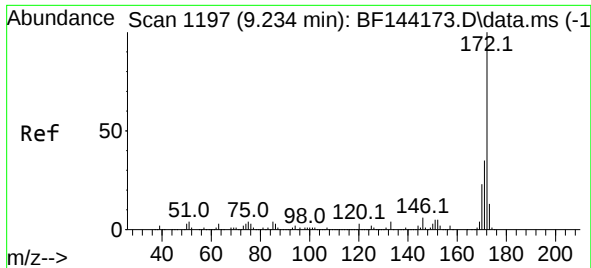


#44
2,4,5-Trichlorophenol
Concen: 40.965 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:196 Resp: 124969
Ion Ratio Lower Upper
196 100
198 97.5 76.1 114.1
97 41.5 31.9 47.9
132 24.9 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 79.166 ng

RT: 9.227 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS

Tgt Ion:172 Resp: 680168

Ion Ratio Lower Upper

172 100

171 34.1 28.1 42.1

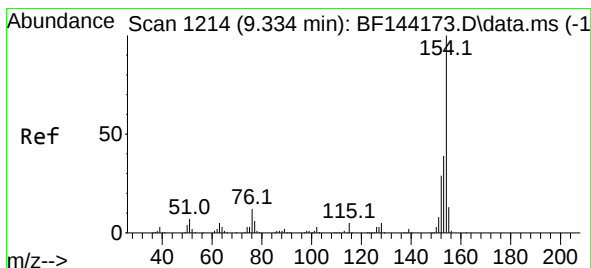
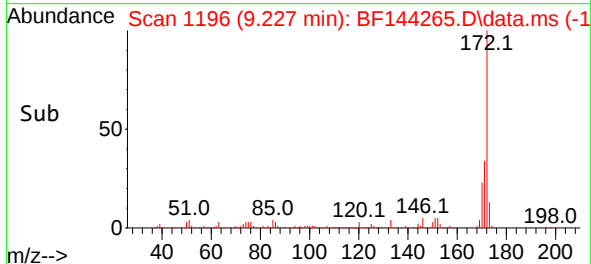
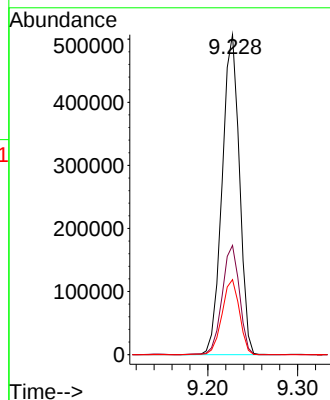
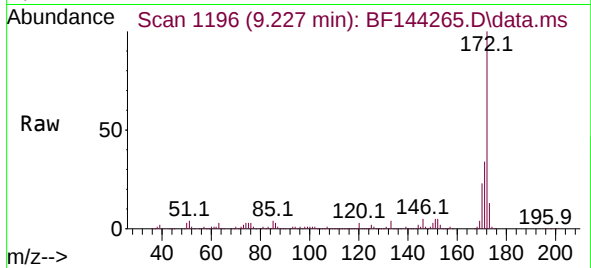
170 23.4 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025

Supervised By :Sohil Jodhani 11/18/2025



#46

1,1'-Biphenyl

Concen: 45.451 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

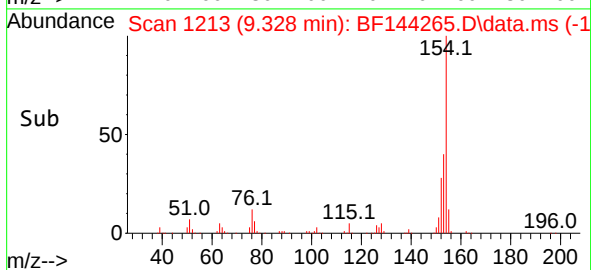
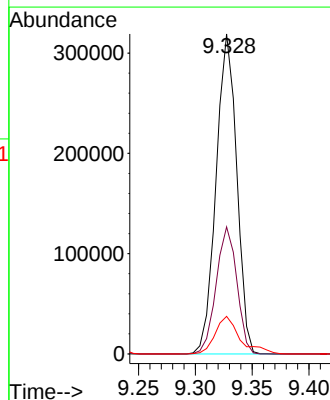
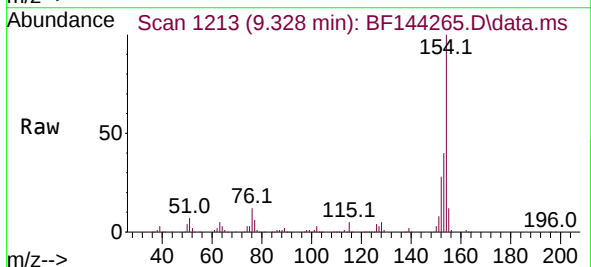
Tgt Ion:154 Resp: 402584

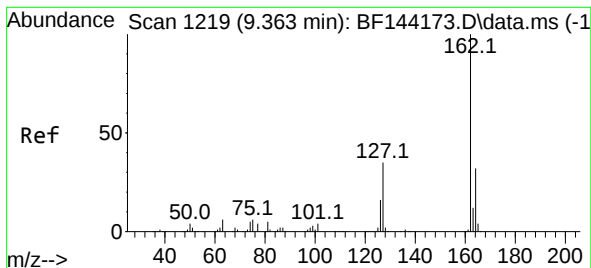
Ion Ratio Lower Upper

154 100

153 39.7 19.2 59.2

76 11.7 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.719 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS

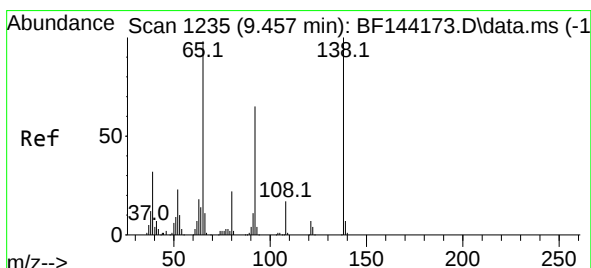
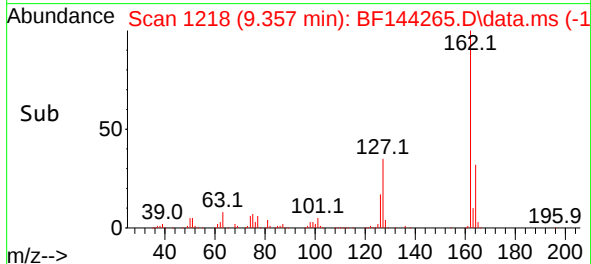
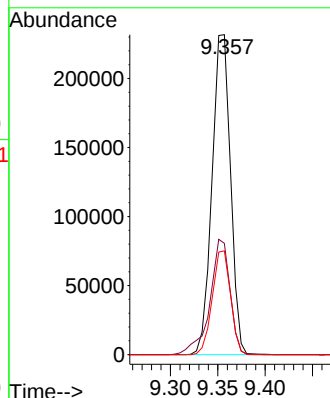
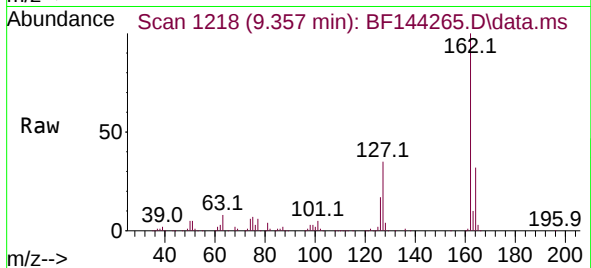
Tgt Ion:162 Resp: 315213

Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.8	43.2
164	32.4	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#48

2-Nitroaniline

Concen: 44.964 ng

RT: 9.451 min Scan# 1234

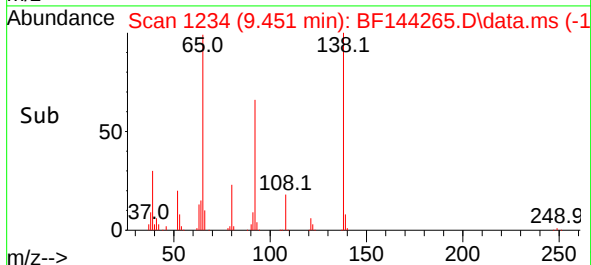
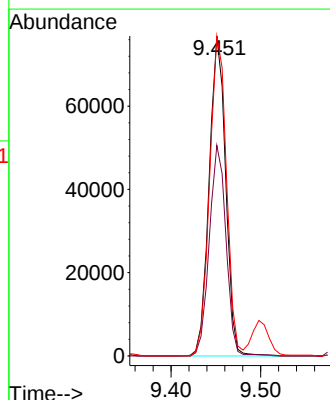
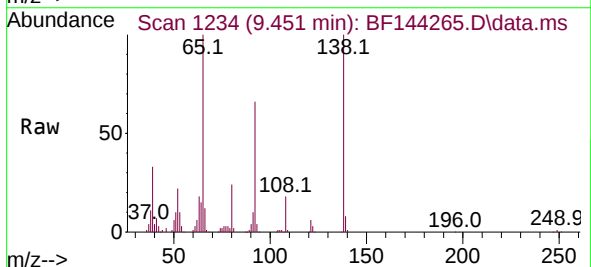
Delta R.T. -0.006 min

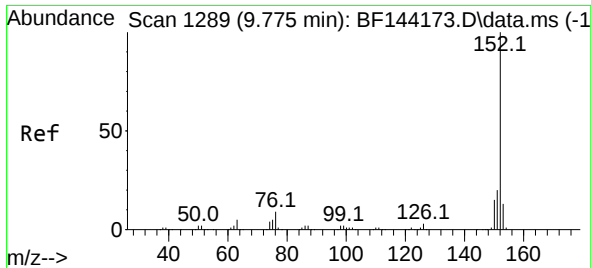
Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Tgt Ion: 65 Resp: 98024

Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.0	79.6
138	100.1	81.6	122.4





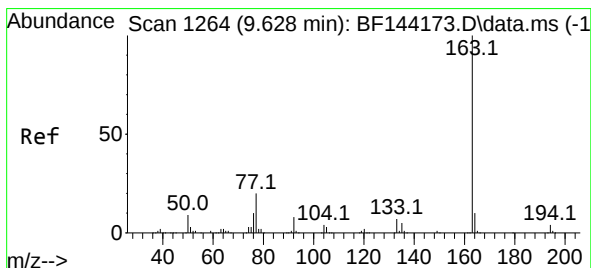
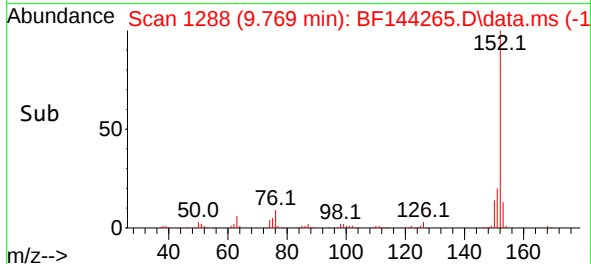
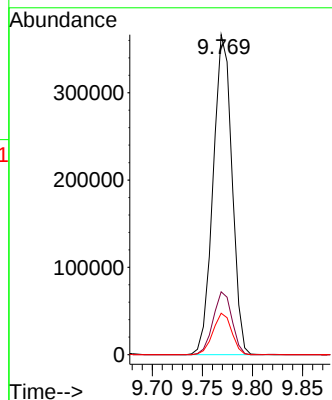
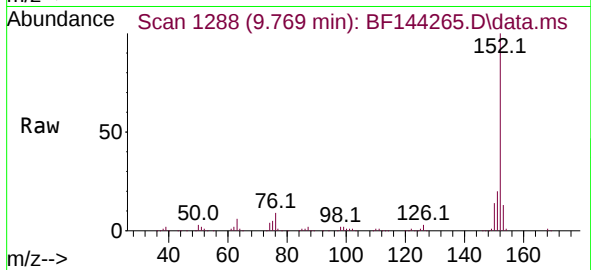
#49
Acenaphthylene
Concen: 46.599 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB170576BS

Tgt Ion:152 Resp: 479794
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.9 10.5 15.7

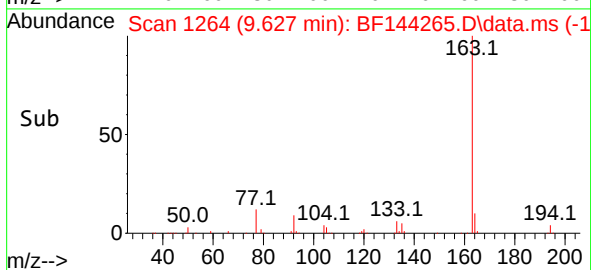
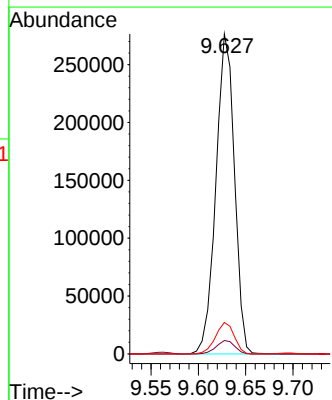
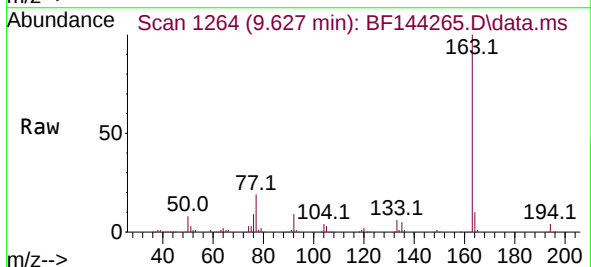
Manual Integrations
APPROVED

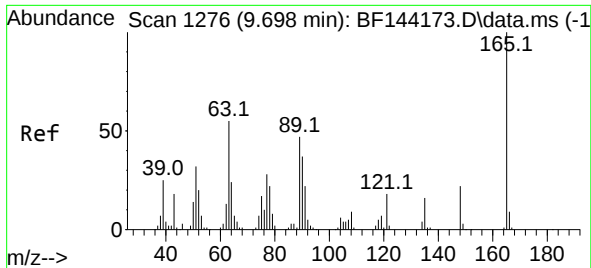
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#50
Dimethylphthalate
Concen: 44.725 ng
RT: 9.627 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion:163 Resp: 375975
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.914 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

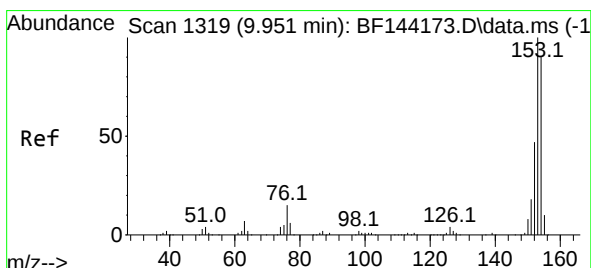
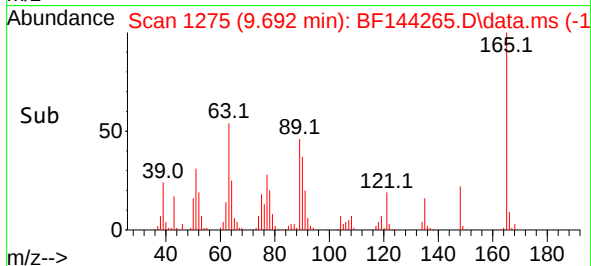
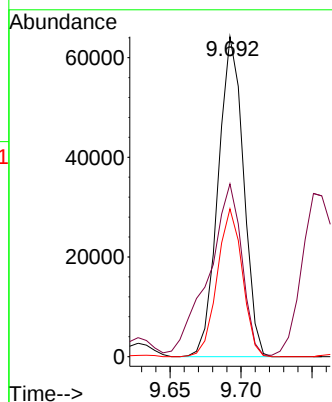
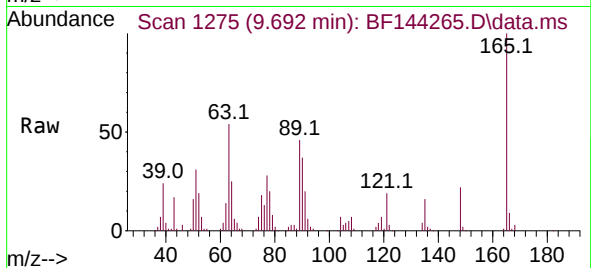
PB170576BS

Tgt Ion:165 Resp: 79835
Ion Ratio Lower Upper
165 100
63 54.0 43.8 65.8
89 46.2 37.5 56.3

Manual Integrations

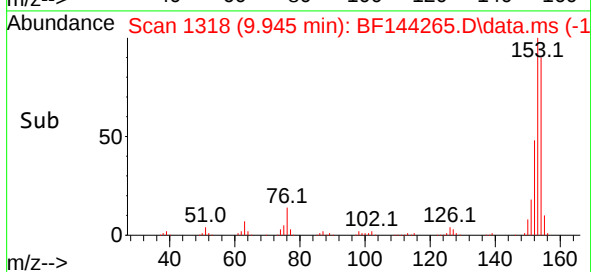
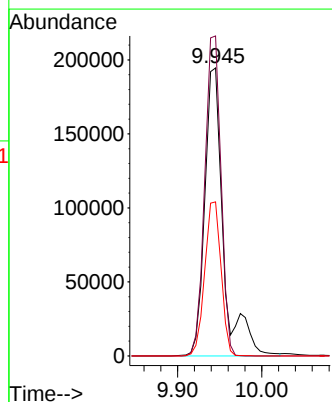
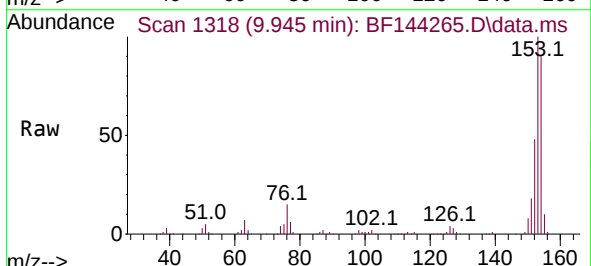
APPROVED

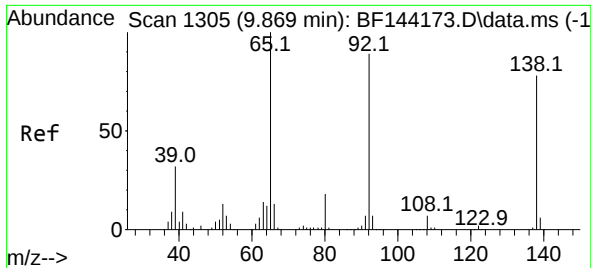
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#52
Acenaphthene
Concen: 43.626 ng m
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion:154 Resp: 300376
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 53.5 42.2 63.4





#53
3-Nitroaniline
Concen: 30.470 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

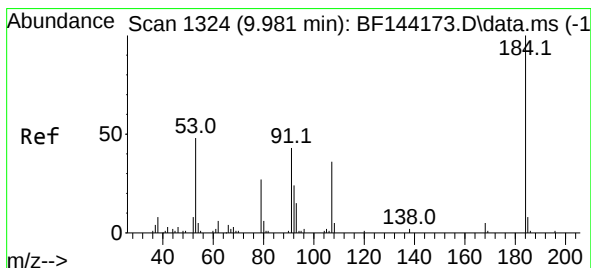
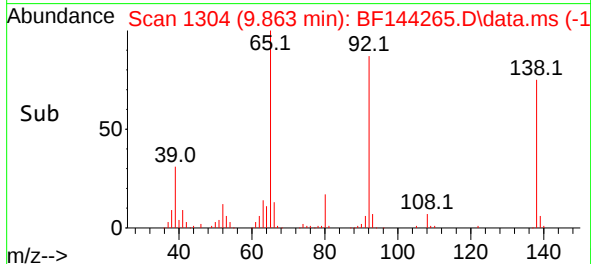
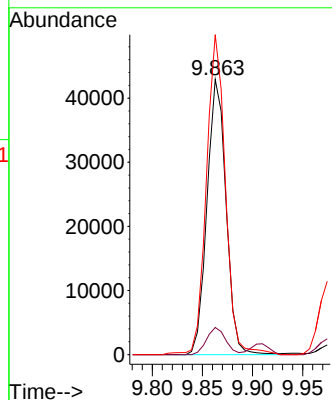
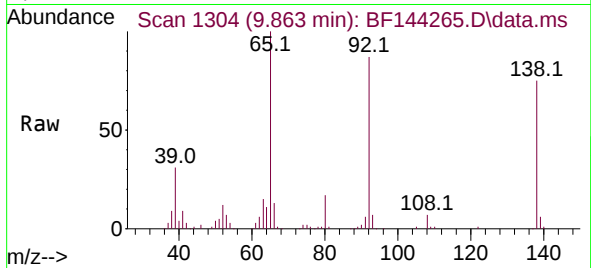
ClientSampleId :

PB170576BS

Tgt Ion:138 Resp: 5668
Ion Ratio Lower Upper
138 100
108 9.9 7.5 11.3
92 116.3 91.8 137.6

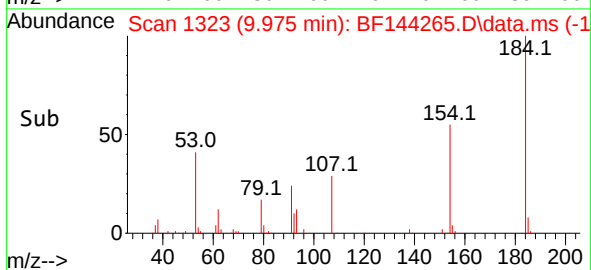
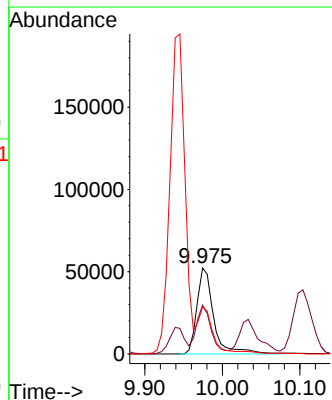
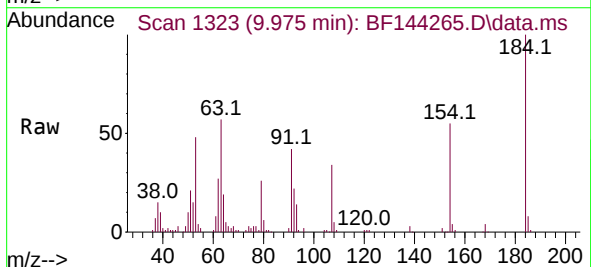
Manual Integrations
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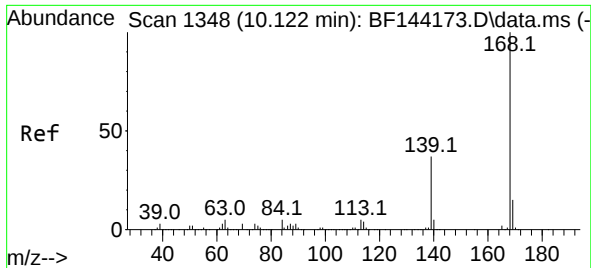
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#54
2,4-Dinitrophenol
Concen: 76.525 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

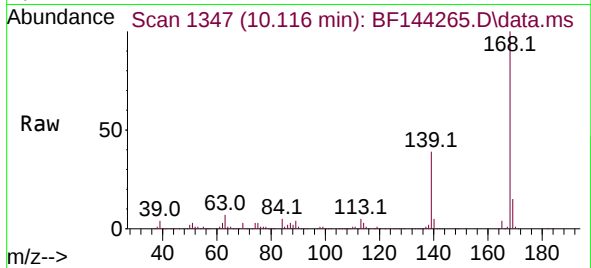
Tgt Ion:184 Resp: 78637
Ion Ratio Lower Upper
184 100
63 56.7 44.0 66.0
154 54.8 42.4 63.6





#55
Dibenzofuran
Concen: 41.532 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

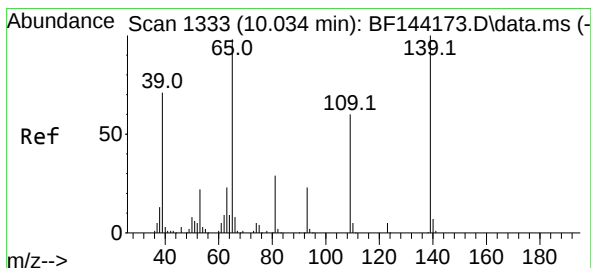
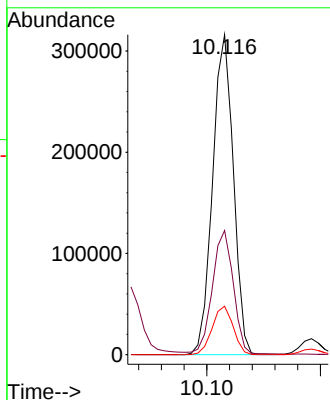
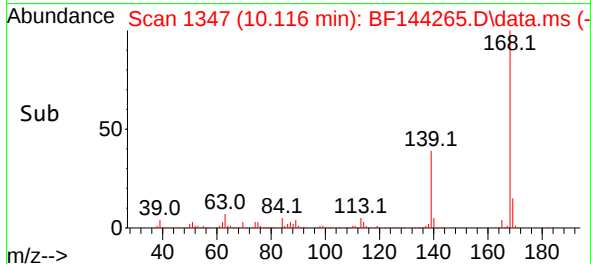
Instrument :
BNA_F
ClientSampleId :
PB170576BS



Tgt Ion:168 Resp: 400494
Ion Ratio Lower Upper
168 100
139 38.8 30.2 45.2
169 15.1 12.2 18.4

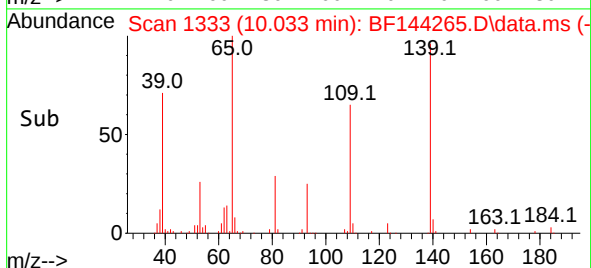
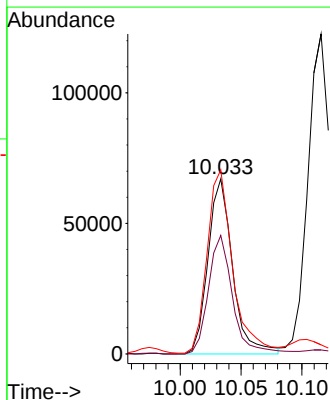
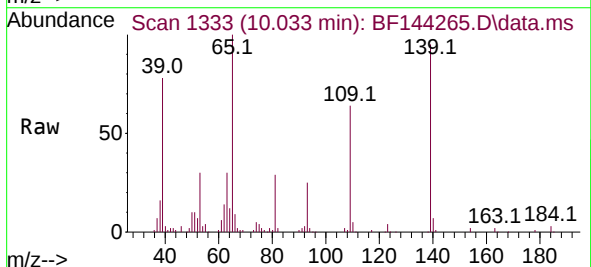
Manual Integrations
APPROVED

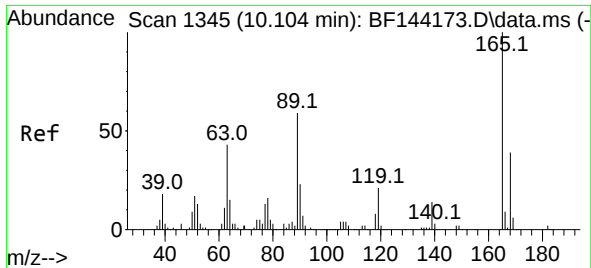
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#56
4-Nitrophenol
Concen: 70.187 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion:139 Resp: 94446
Ion Ratio Lower Upper
139 100
109 67.7 39.9 79.9
65 105.3 79.5 119.5





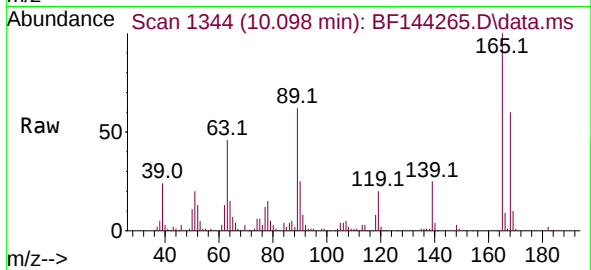
#57
2,4-Dinitrotoluene
Concen: 45.935 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS

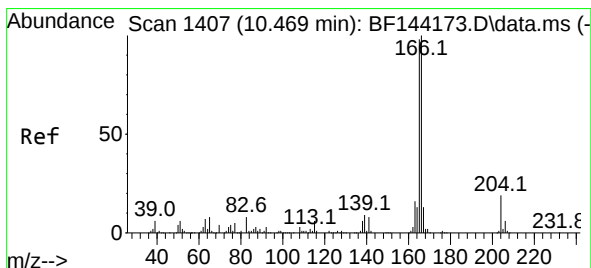
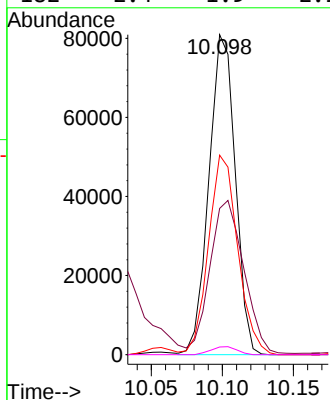
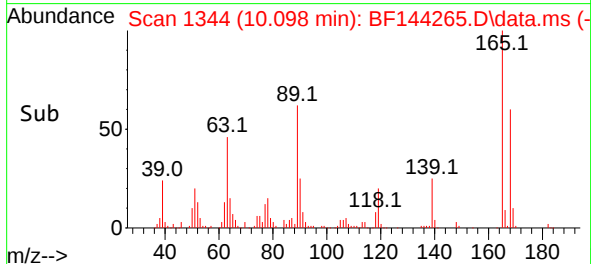


Tgt Ion:165 Resp: 104644
Ion Ratio Lower Upper
165 100
63 45.7 35.5 53.3
89 62.3 47.4 71.2
182 2.4 1.9 2.9

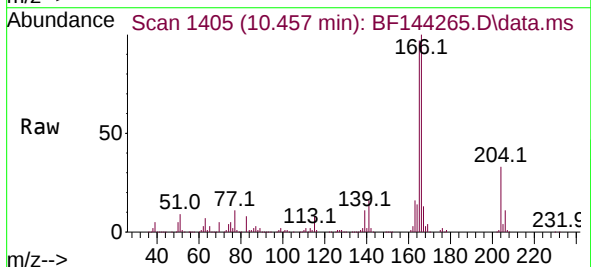
Manual Integrations

APPROVED

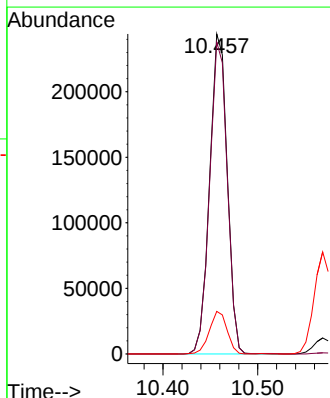
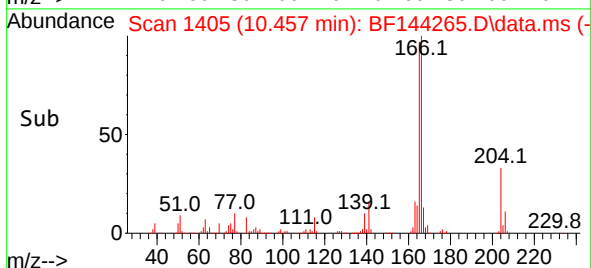
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

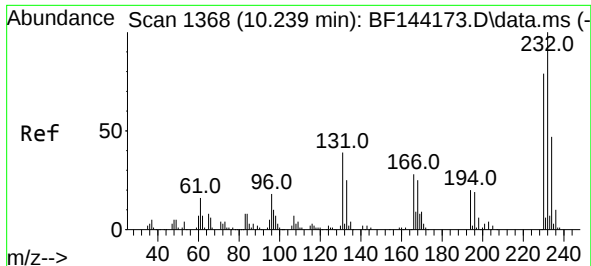


#58
Fluorene
Concen: 43.013 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



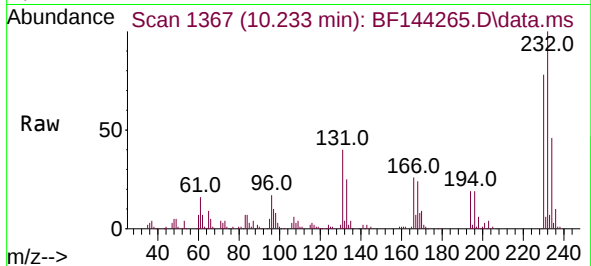
Tgt Ion:166 Resp: 315358
Ion Ratio Lower Upper
166 100
165 97.4 78.6 118.0
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.136 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

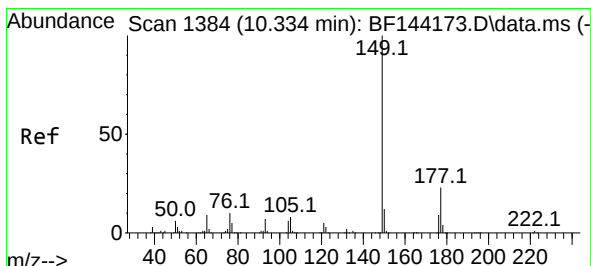
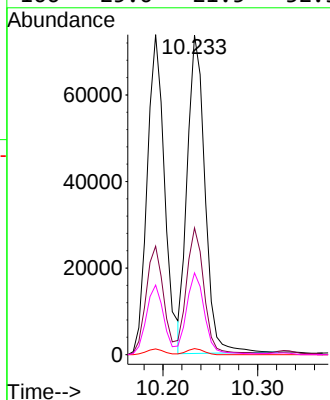
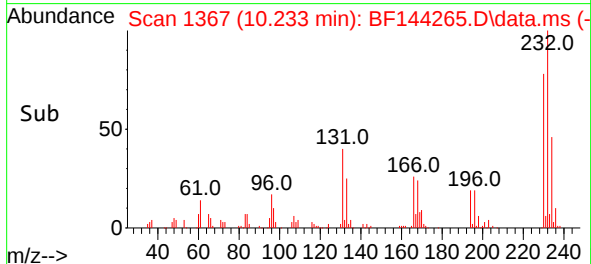
Instrument :
BNA_F
ClientSampleId :
PB170576BS



Tgt Ion:232 Resp: 95261
Ion Ratio Lower Upper
232 100
131 40.9 30.3 45.5
130 1.8 1.2 1.8
166 25.6 21.5 32.3

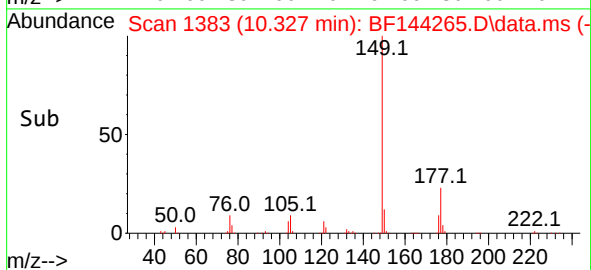
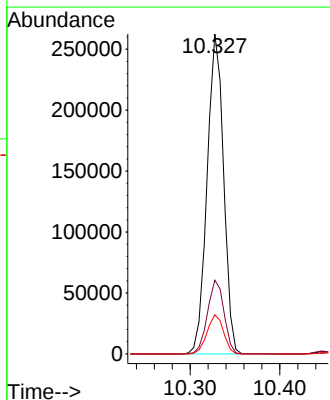
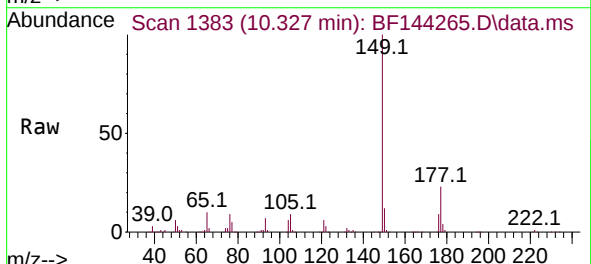
Manual Integrations
APPROVED

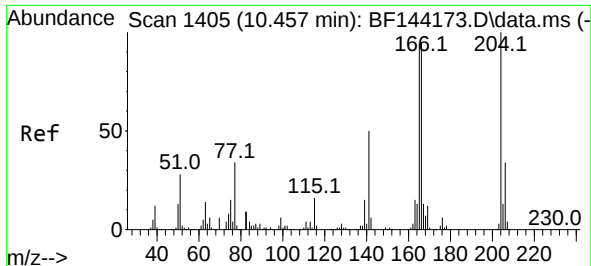
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#60
Diethylphthalate
Concen: 43.446 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

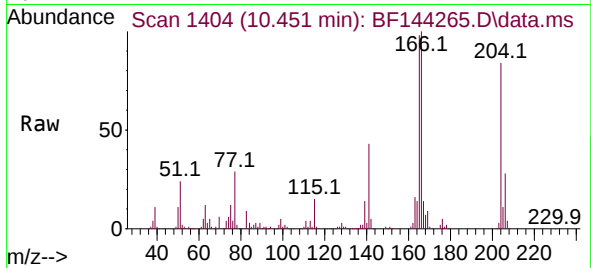
Tgt Ion:149 Resp: 336684
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 41.288 ng
RT: 10.451 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

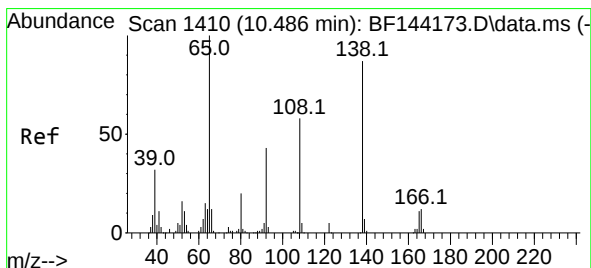
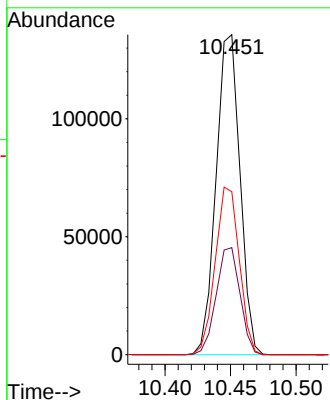
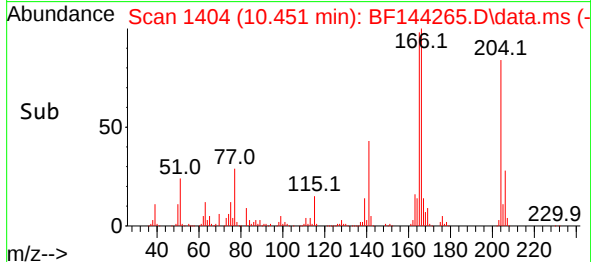
Instrument :
BNA_F
ClientSampleId :
PB170576BS



Tgt Ion:204 Resp: 172436
Ion Ratio Lower Upper
204 100
206 33.5 27.4 41.2
141 50.9 40.0 60.0

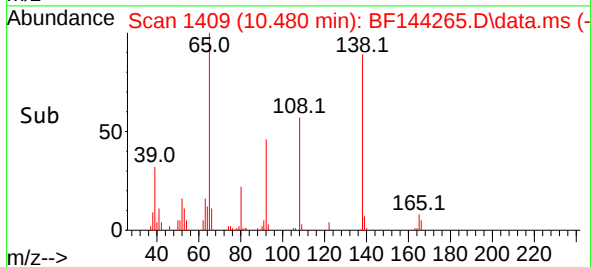
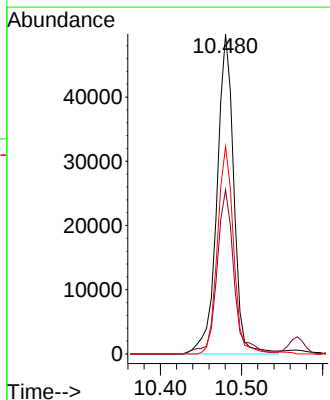
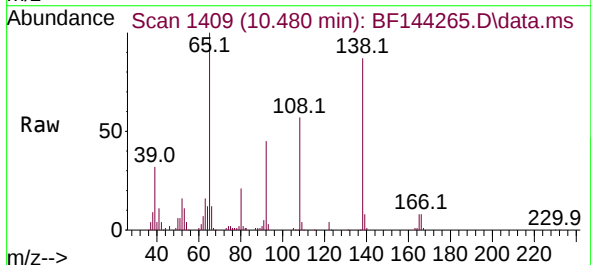
Manual Integrations
APPROVED

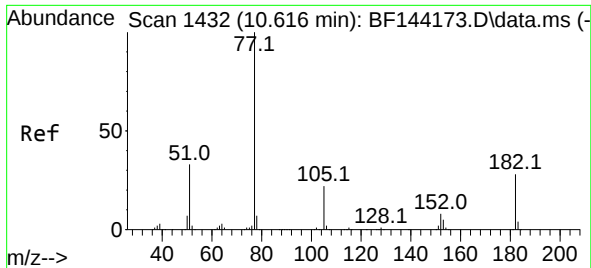
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#62
4-Nitroaniline
Concen: 40.370 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Tgt Ion:138 Resp: 71517
Ion Ratio Lower Upper
138 100
92 51.3 29.4 69.4
108 64.8 46.4 86.4





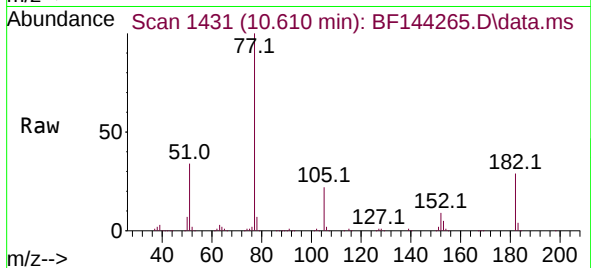
#63
Azobenzene
Concen: 44.374 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS

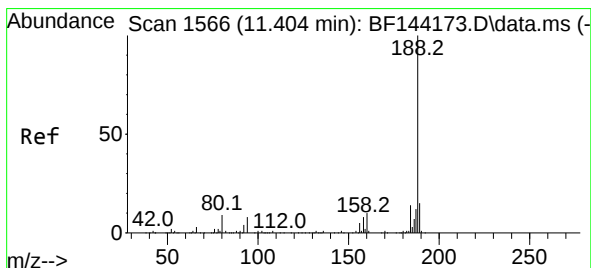
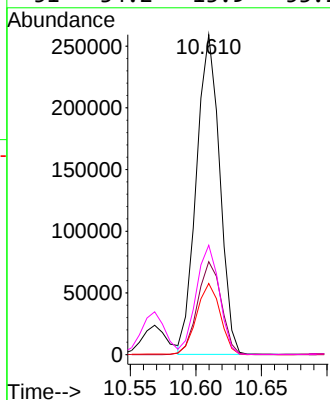
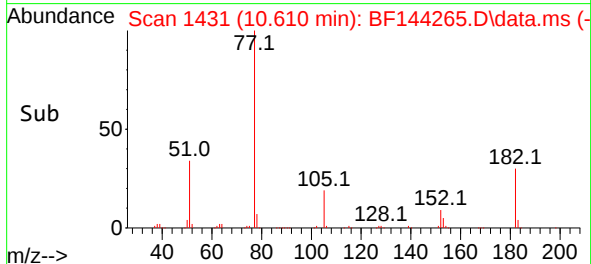


Tgt Ion: 77 Resp: 320032
Ion Ratio Lower Upper
77 100
182 29.0 8.1 48.1
105 22.2 2.0 42.0
51 34.2 13.9 53.9

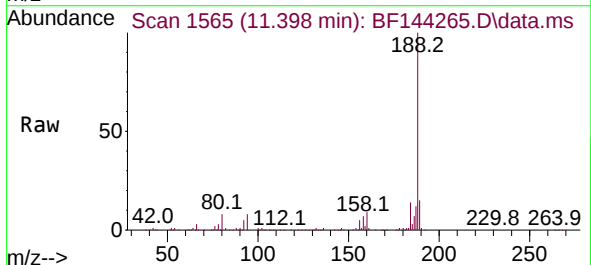
Manual Integrations

APPROVED

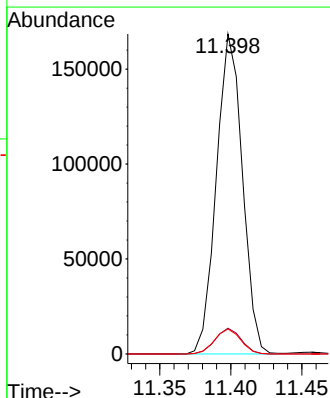
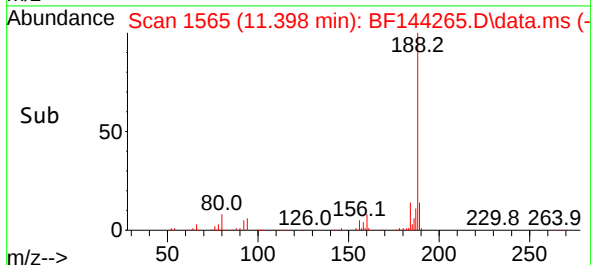
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

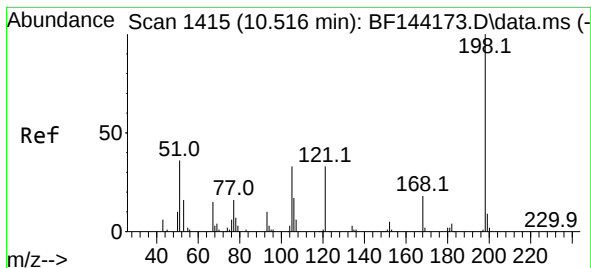


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:188 Resp: 214778
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 7.8 6.9 10.3





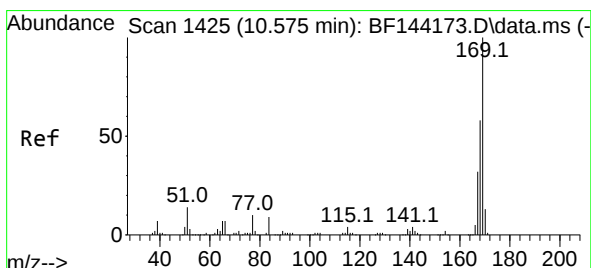
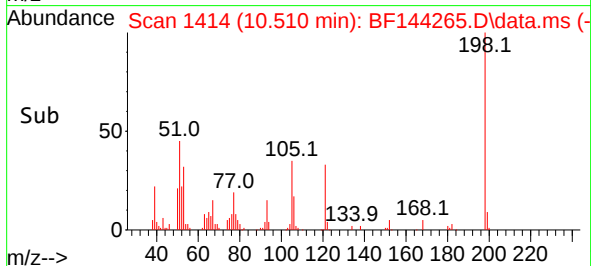
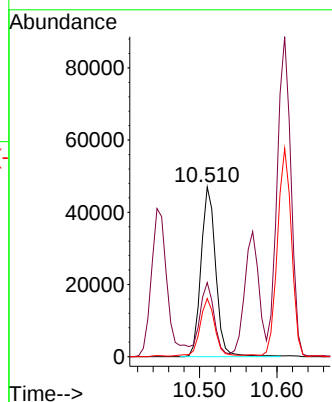
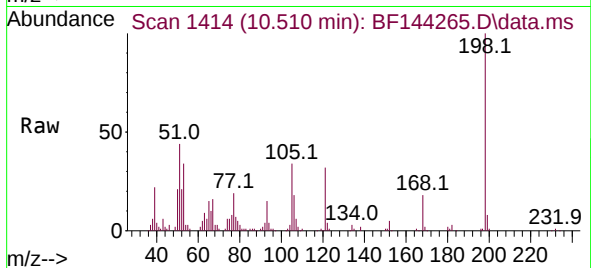
#65
4,6-Dinitro-2-methylphenol
Concen: 42.332 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB170576BS

Tgt Ion:198 Resp: 61765
Ion Ratio Lower Upper
198 100
51 43.6 25.6 65.6
105 34.2 14.6 54.6

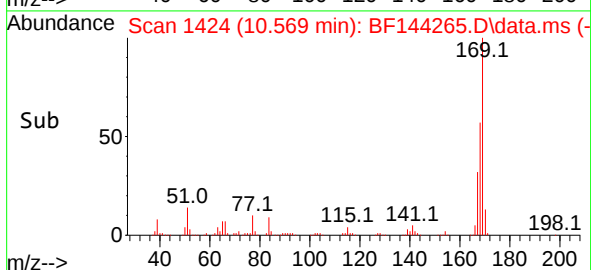
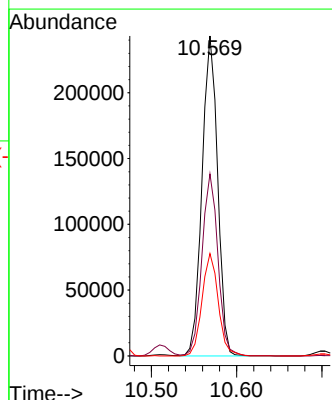
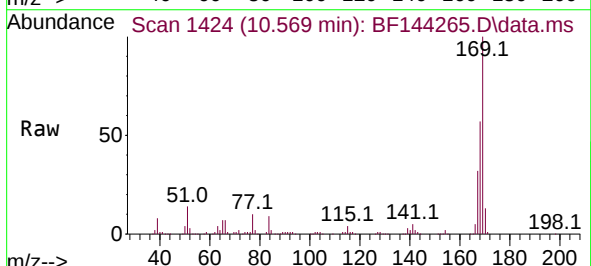
Manual Integrations
APPROVED

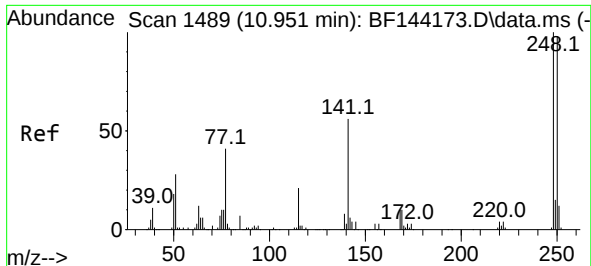
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#66
n-Nitrosodiphenylamine
Concen: 44.767 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

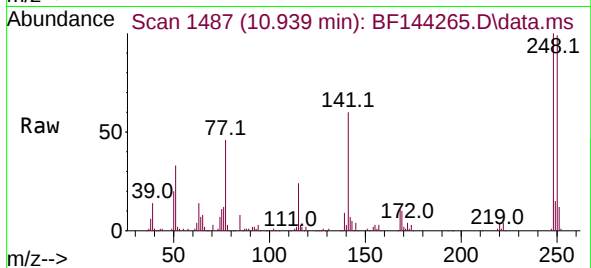
Tgt Ion:169 Resp: 309243
Ion Ratio Lower Upper
169 100
168 56.9 46.2 69.2
167 32.0 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 42.855 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

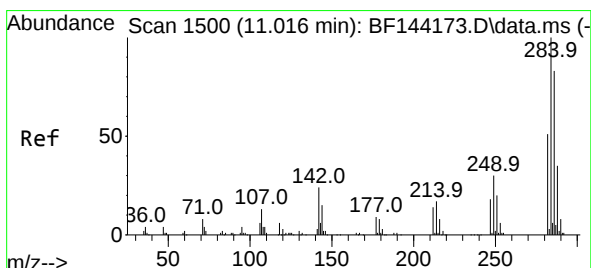
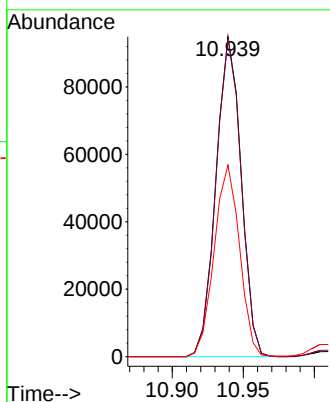
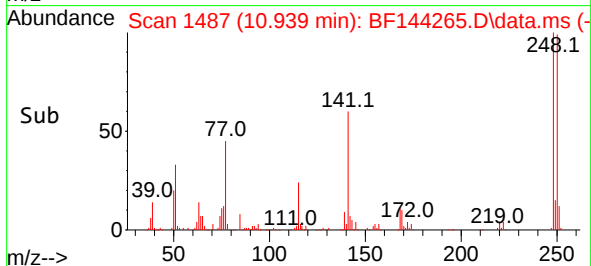
Instrument :
BNA_F
ClientSampleId :
PB170576BS



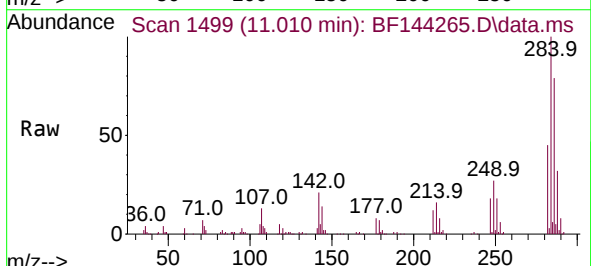
Tgt Ion:248 Resp: 117484
Ion Ratio Lower Upper
248 100
250 99.5 78.4 117.6
141 59.8 45.1 67.7

Manual Integrations
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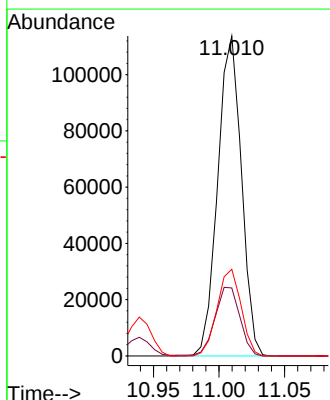
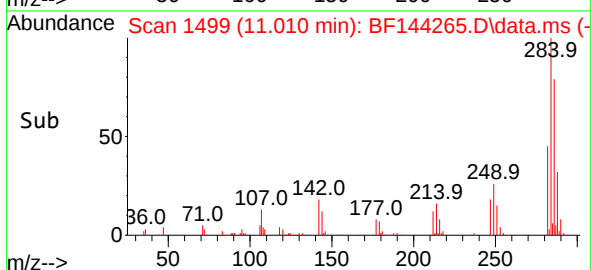
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

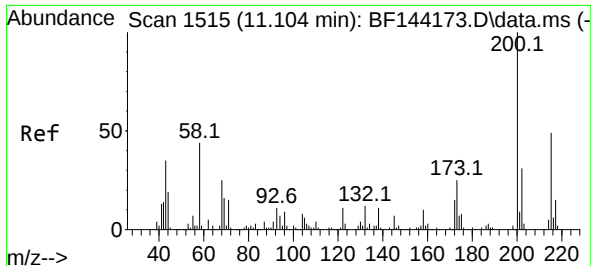


#68
Hexachlorobenzene
Concen: 44.304 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:284 Resp: 143061
Ion Ratio Lower Upper
284 100
142 21.2 19.2 28.8
249 27.1 23.8 35.8





#69
 Atrazine
 Concen: 44.457 ng
 RT: 11.098 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: BF144265.D
 Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

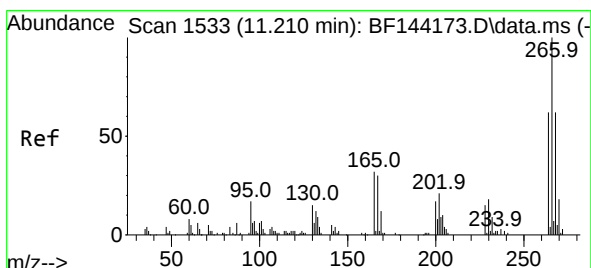
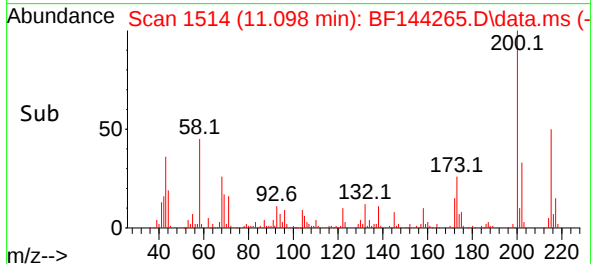
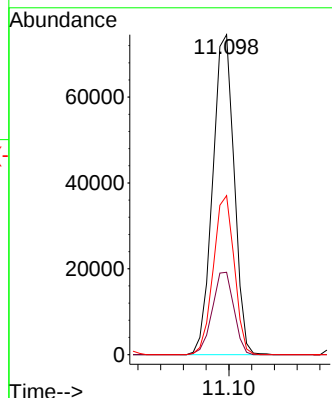
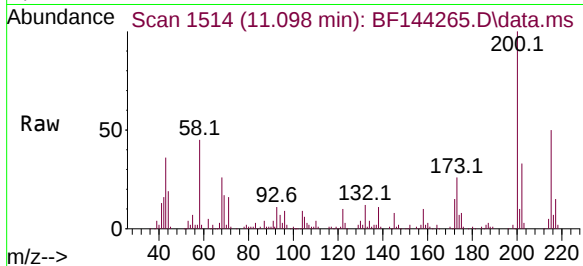
PB170576BS

Tgt Ion:200 Resp: 97665
 Ion Ratio Lower Upper
 200 100
 173 25.7 5.0 45.0
 215 49.7 28.7 68.7

Manual Integrations

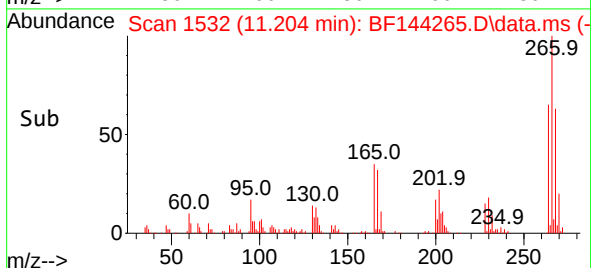
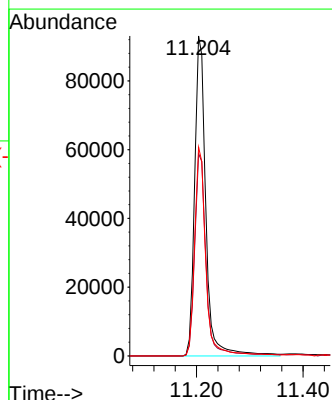
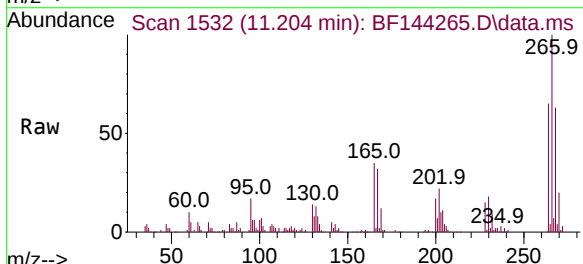
APPROVED

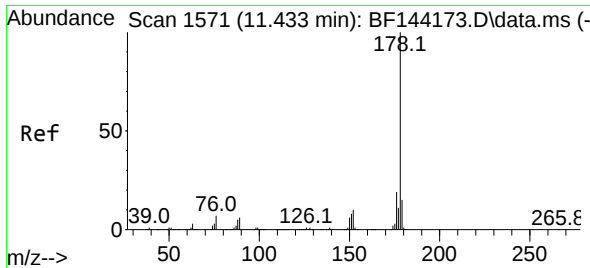
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025



#70
 Pentachlorophenol
 Concen: 84.697 ng
 RT: 11.204 min Scan# 1532
 Delta R.T. -0.012 min
 Lab File: BF144265.D
 Acq: 17 Nov 2025 13:52

Tgt Ion:266 Resp: 136188
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.5 74.3
 264 65.2 49.4 74.2





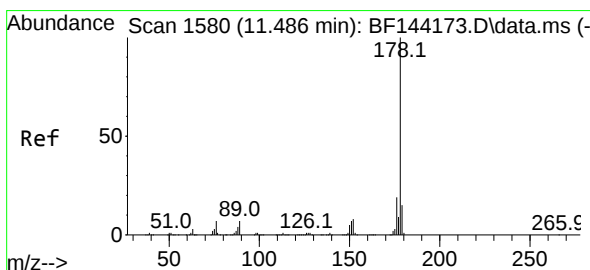
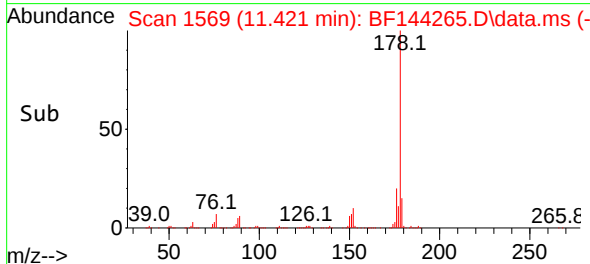
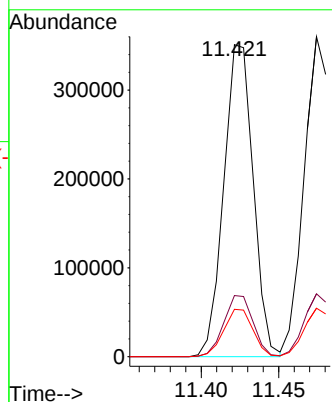
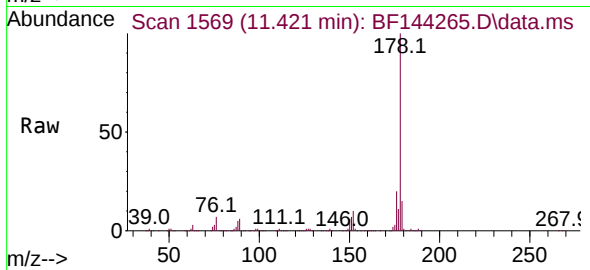
#71
Phenanthrene
Concen: 43.593 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

Instrument :
BNA_F
ClientSampleId :
PB170576BS

Tgt Ion:178 Resp: 466162
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.1 12.2 18.4

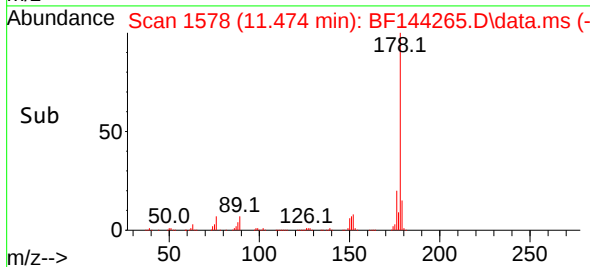
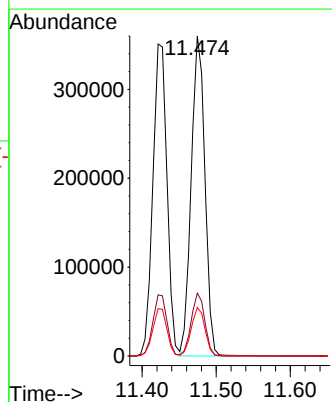
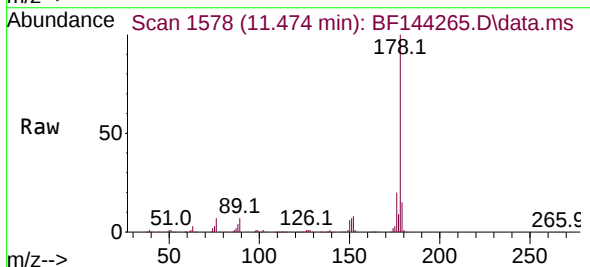
Manual Integrations
APPROVED

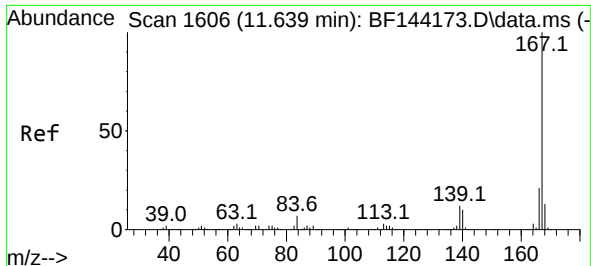
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#72
Anthracene
Concen: 42.456 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

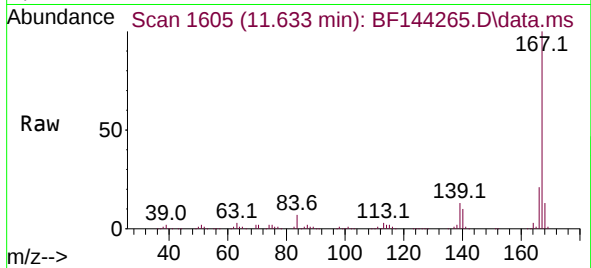
Tgt Ion:178 Resp: 461640
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.1 12.0 18.0





#73
 Carbazole
 Concen: 41.951 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF144265.D
 Acq: 17 Nov 2025 13:52

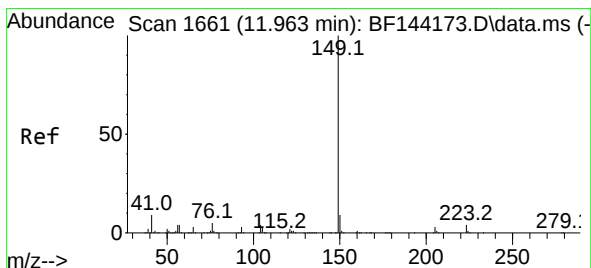
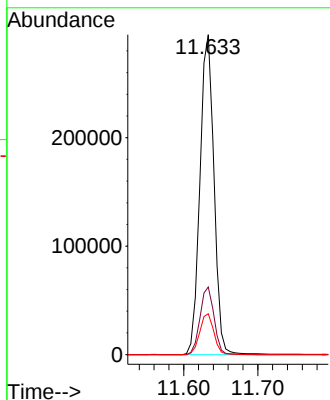
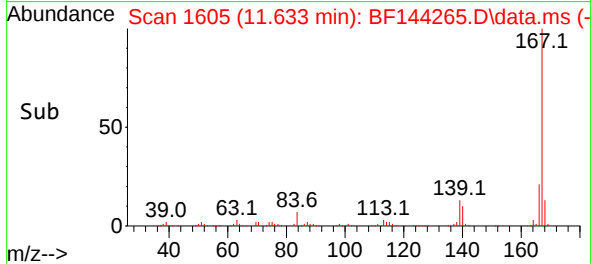
Instrument :
 BNA_F
 ClientSampleId :
 PB170576BS



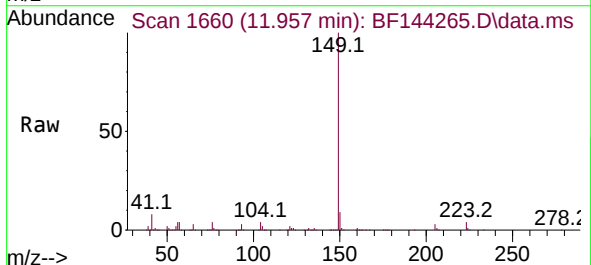
Tgt Ion:167 Resp: 387879
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.8 9.9 14.9

Manual Integrations
 APPROVED

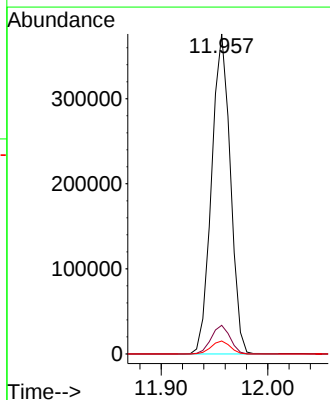
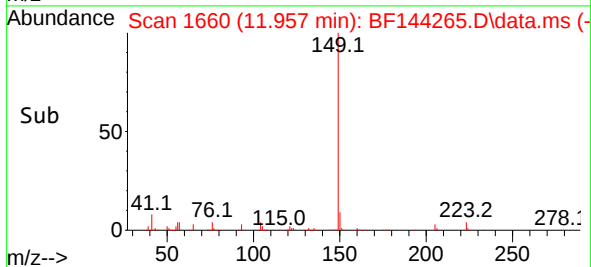
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

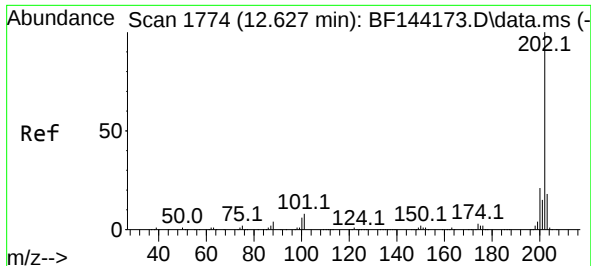


#74
 Di-n-butylphthalate
 Concen: 41.248 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144265.D
 Acq: 17 Nov 2025 13:52



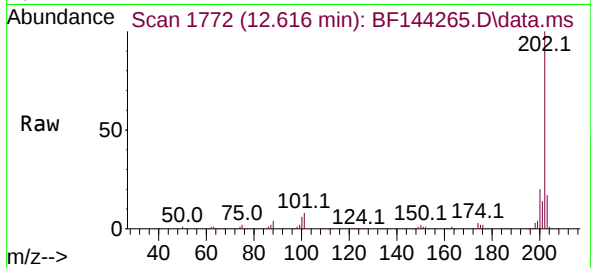
Tgt Ion:149 Resp: 461045
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.1 3.4 5.2





#75
Fluoranthene
Concen: 41.772 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

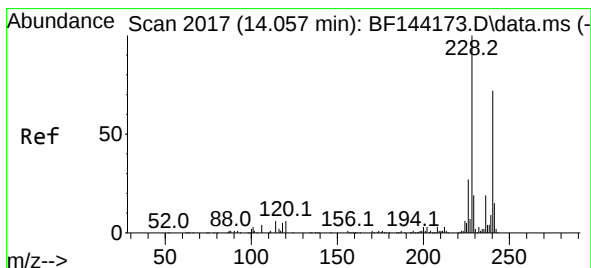
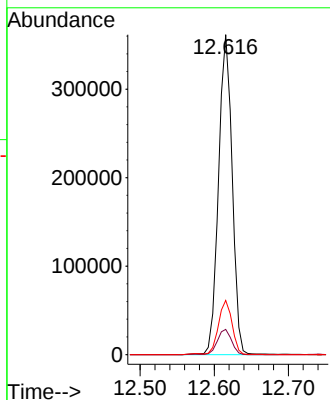
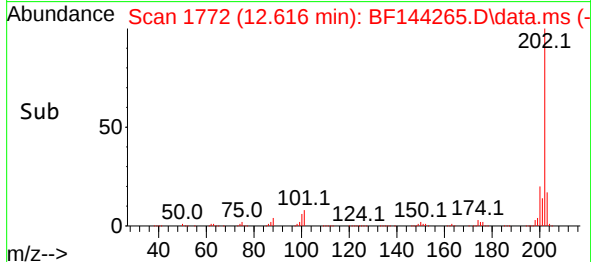
Instrument :
BNA_F
ClientSampleId :
PB170576BS



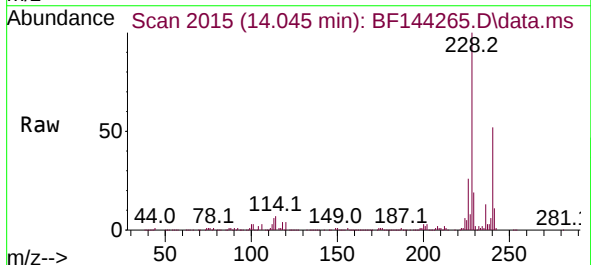
Tgt Ion:202 Resp: 461433
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.9
203 16.9 0.0 37.5

Manual Integrations
APPROVED

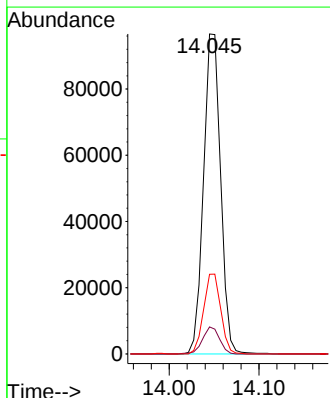
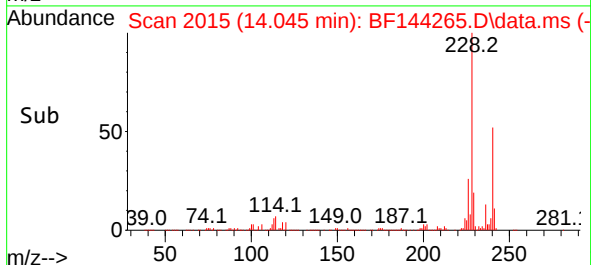
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

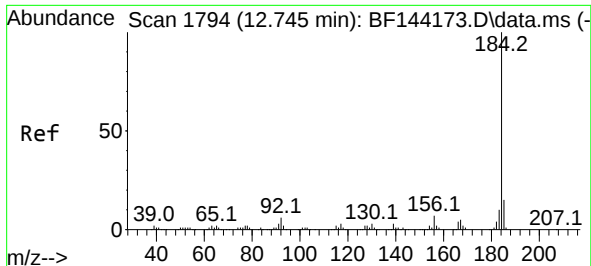


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



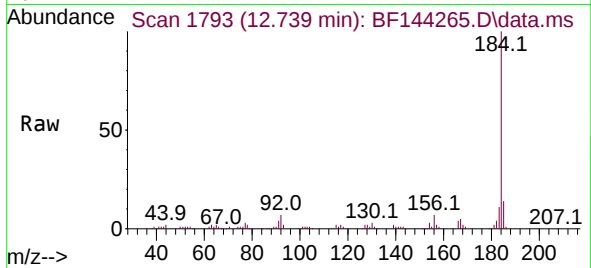
Tgt Ion:240 Resp: 127678
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 24.9 21.4 32.2





#77
Benzidine
Concen: 22.354 ng
RT: 12.739 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

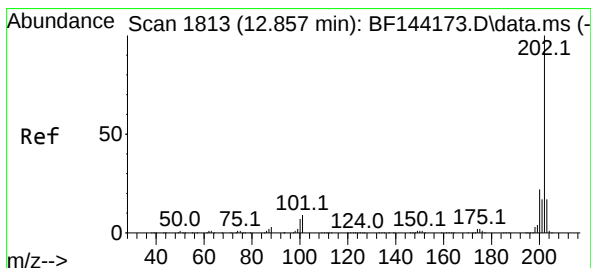
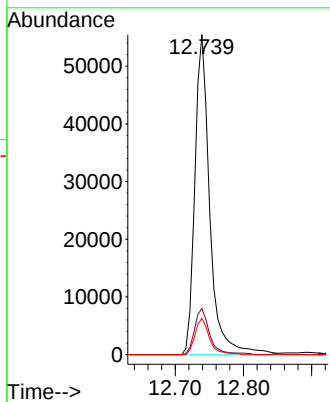
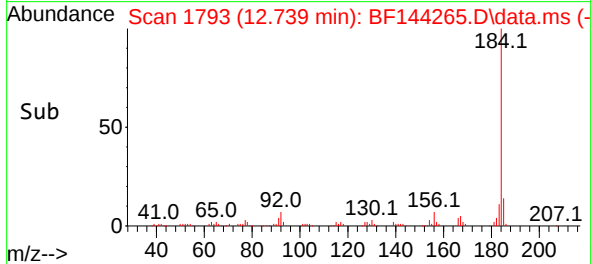
Instrument :
BNA_F
ClientSampleId :
PB170576BS



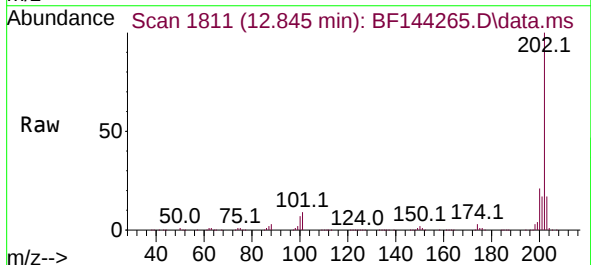
Tgt Ion:184 Resp: 84424
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.3 8.3 12.5

Manual Integrations
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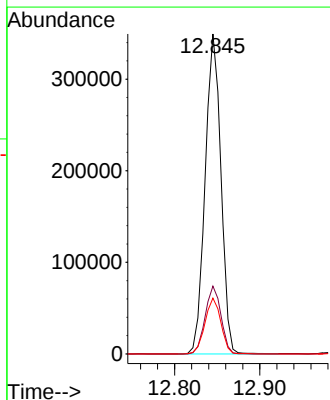
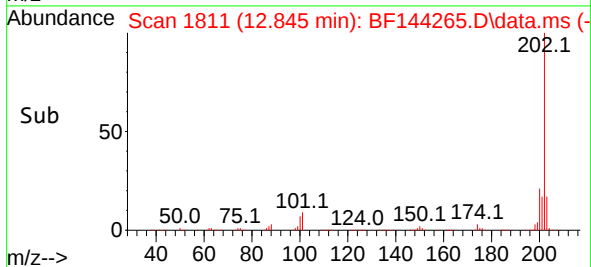
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

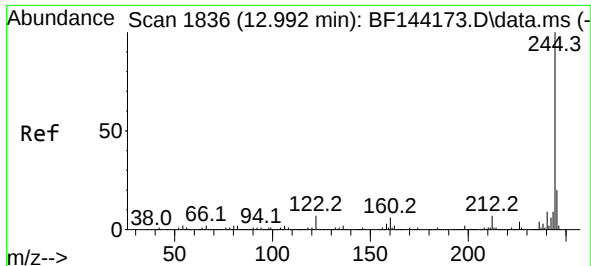


#78
Pyrene
Concen: 43.597 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



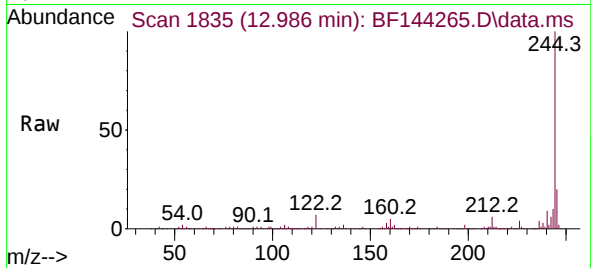
Tgt Ion:202 Resp: 448811
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.4 13.7 20.5





#79
 Terphenyl-d14
 Concen: 82.498 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF144265.D
 Acq: 17 Nov 2025 13:52

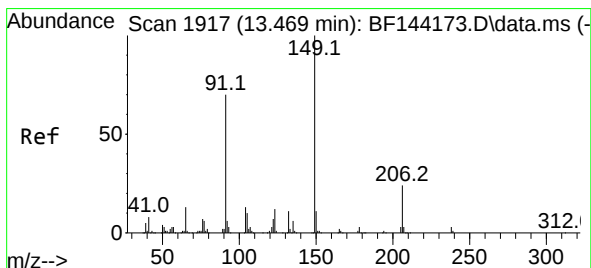
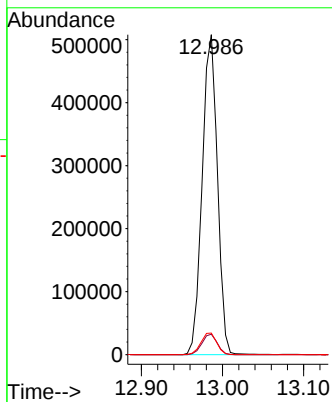
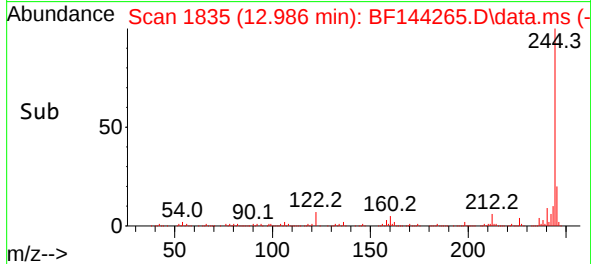
Instrument :
 BNA_F
 ClientSampleId :
 PB170576BS



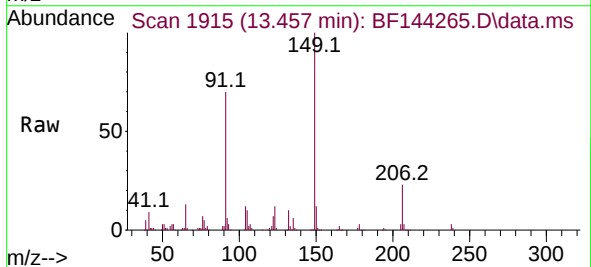
Tgt Ion:244 Resp: 663126
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 6.7 5.6 8.4

Manual Integrations
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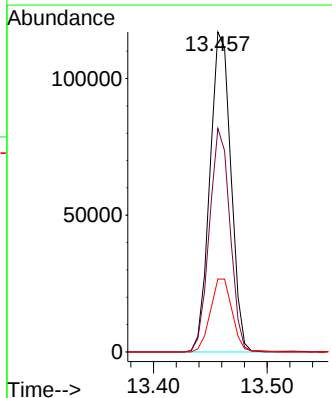
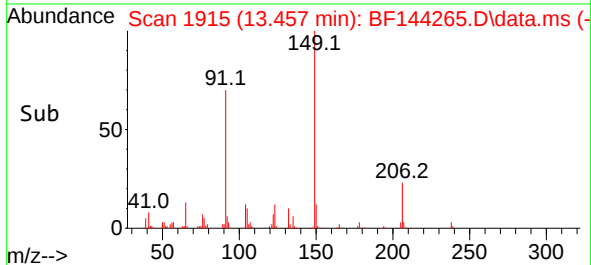
Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025

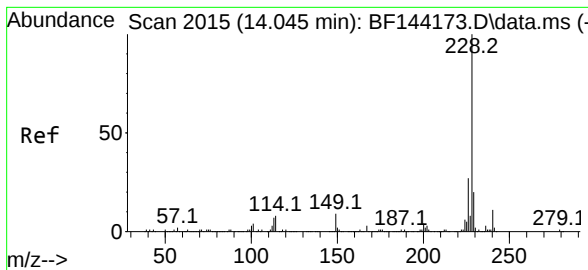


#80
 Butylbenzylphthalate
 Concen: 42.115 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144265.D
 Acq: 17 Nov 2025 13:52



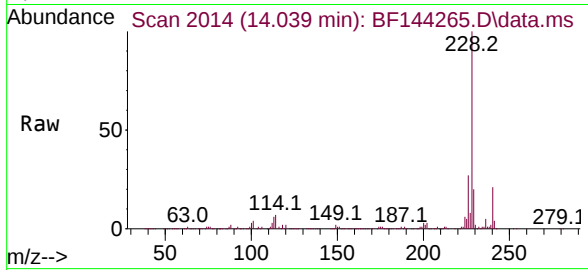
Tgt Ion:149 Resp: 150266
 Ion Ratio Lower Upper
 149 100
 91 69.8 56.1 84.1
 206 22.8 18.8 28.2





#81
Benzo(a)anthracene
Concen: 44.226 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

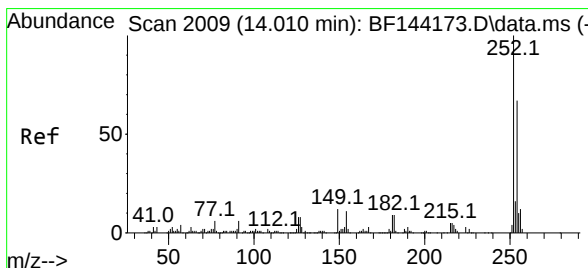
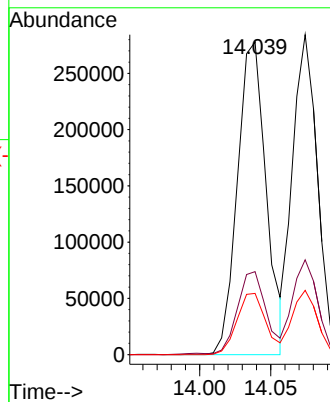
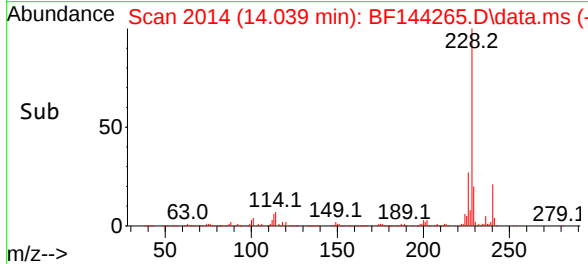
Instrument :
BNA_F
ClientSampleId :
PB170576BS



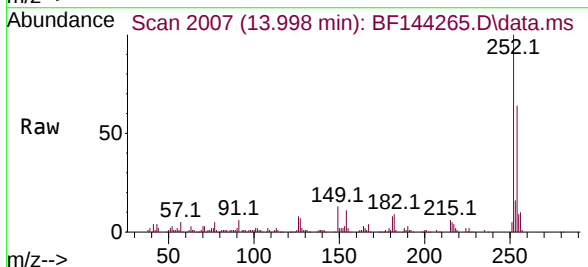
Tgt Ion:228 Resp: 391354
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.8
229 19.6 15.8 23.6

Manual Integrations
APPROVED

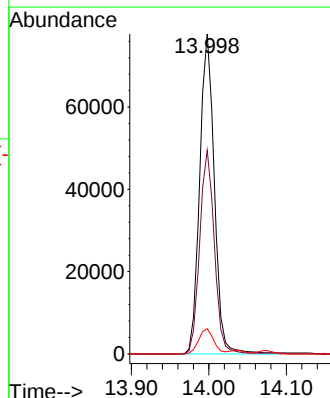
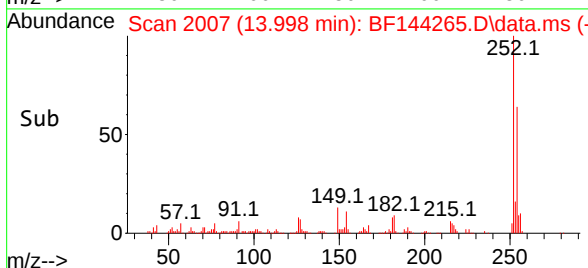
Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

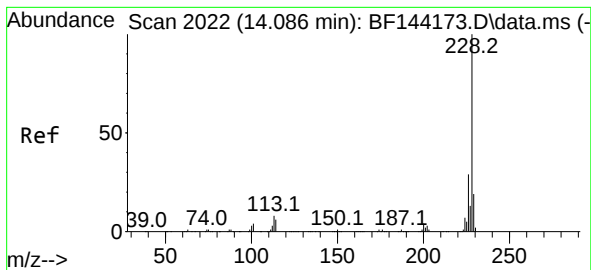


#82
3,3'-Dichlorobenzidine
Concen: 33.650 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:252 Resp: 102068
Ion Ratio Lower Upper
252 100
254 63.6 53.5 80.3
126 7.9 6.4 9.6





#83

Chrysene

Concen: 42.772 ng

RT: 14.074 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

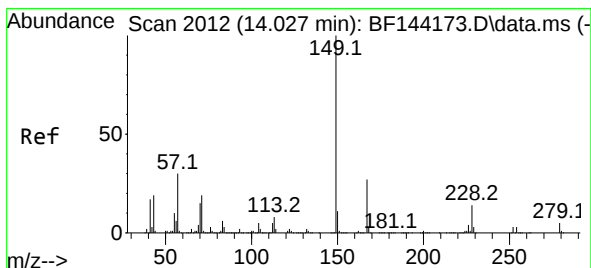
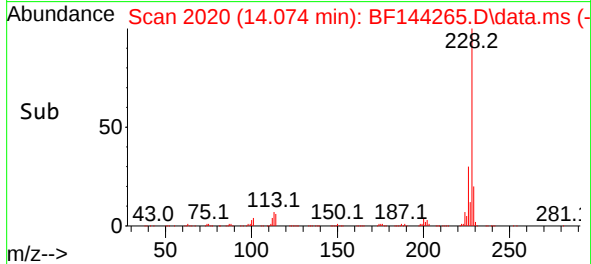
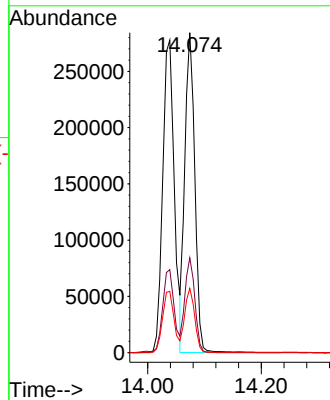
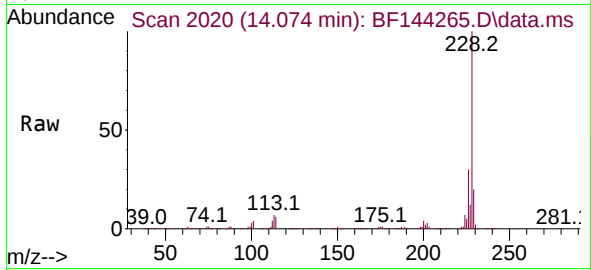
PB170576BS

Tgt Ion:228	Resp: 349396
Ion Ratio	Lower Upper
228 100	
226 29.6	22.9 34.3
229 20.1	15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.937 ng

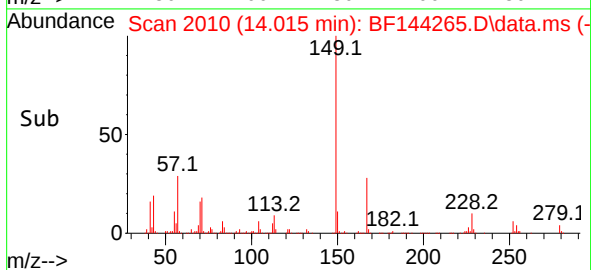
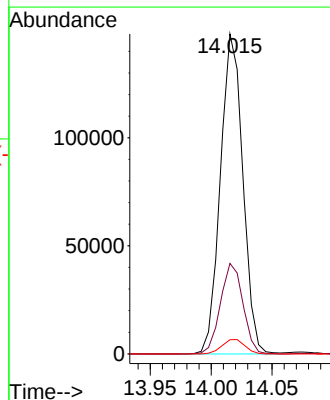
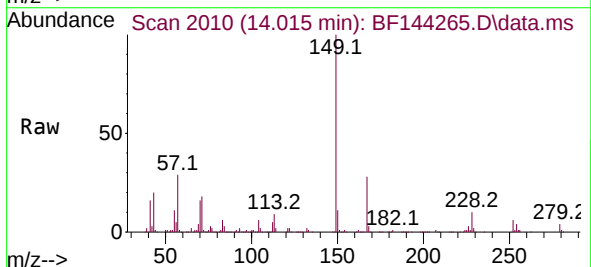
RT: 14.015 min Scan# 2010

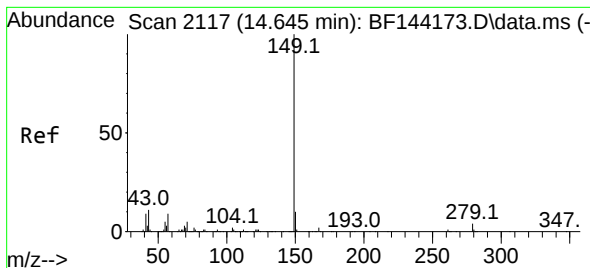
Delta R.T. -0.012 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Tgt Ion:149	Resp: 190183
Ion Ratio	Lower Upper
149 100	
167 28.3	21.8 32.8
279 4.4	3.7 5.5





#85

Di-n-octyl phthalate

Concen: 40.553 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

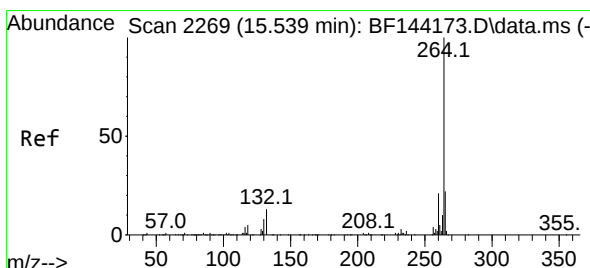
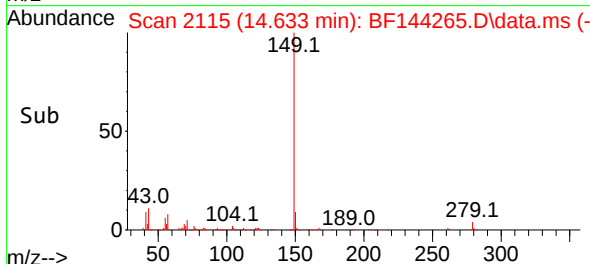
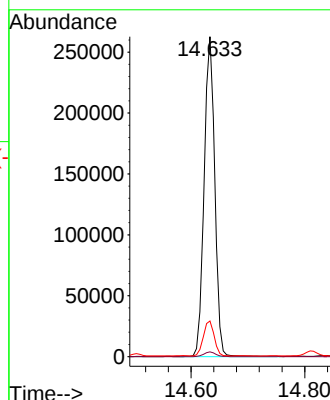
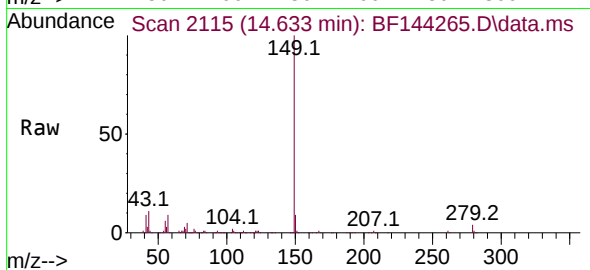
PB170576BS

Tgt Ion:149 Resp: 341741
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
 Supervised By :Sohil Jodhani 11/18/2025



#86

Perylene-d12

Concen: 20.000 ng

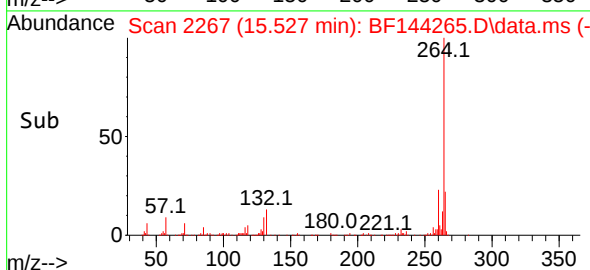
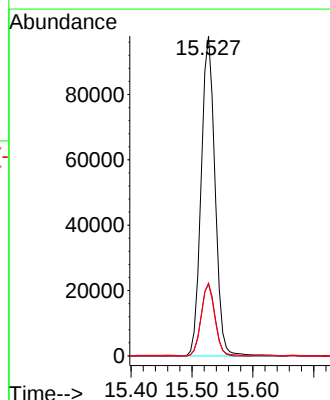
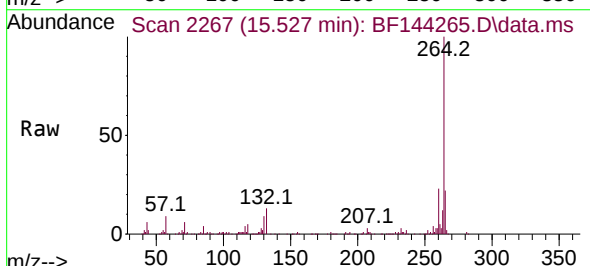
RT: 15.527 min Scan# 2267

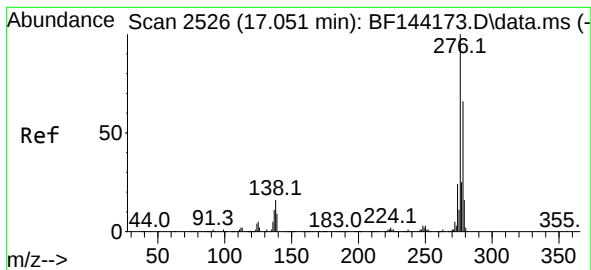
Delta R.T. -0.012 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Tgt Ion:264 Resp: 154286
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.1 25.7
 265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.429 ng

RT: 17.033 min Scan# 2193

Delta R.T. -0.000 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS

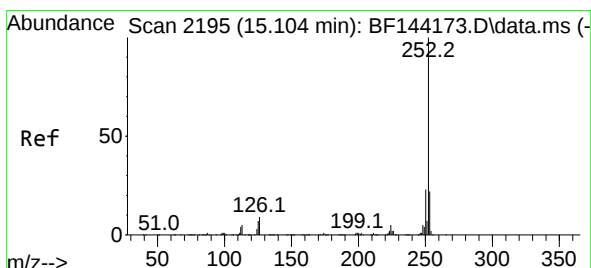
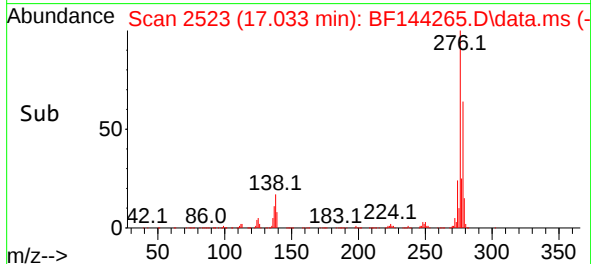
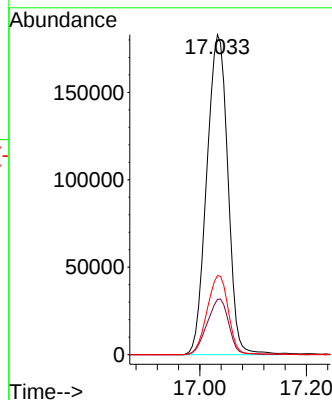
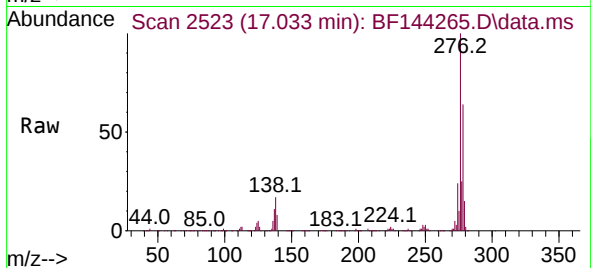
Tgt Ion:276 Resp: 503139

Ion	Ratio	Lower	Upper
276	100		
138	17.9	13.9	20.9
277	24.9	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#88

Benzo(b)fluoranthene

Concen: 49.735 ng

RT: 15.092 min Scan# 2193

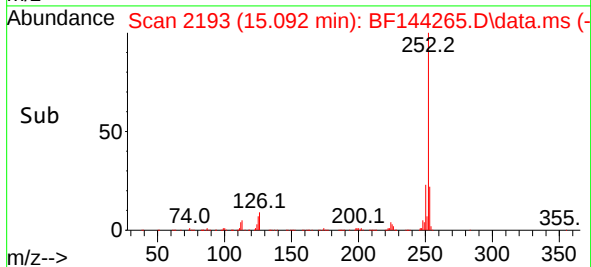
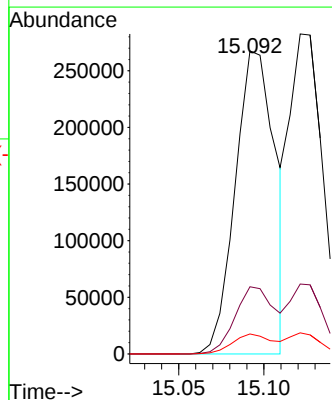
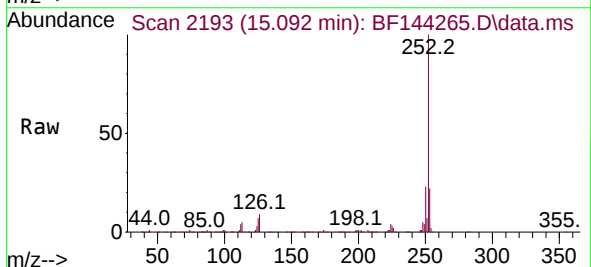
Delta R.T. -0.006 min

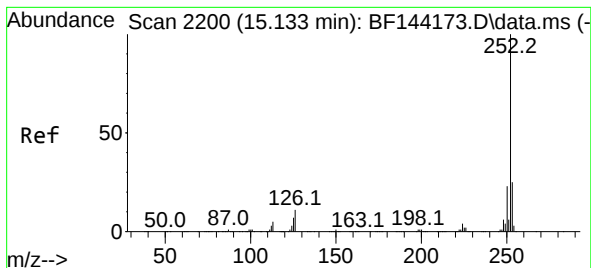
Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Tgt Ion:252 Resp: 436245

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	6.6	5.3	7.9





#89

Benzo(k)fluoranthene

Concen: 46.853 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

Instrument :

BNA_F

ClientSampleId :

PB170576BS

Tgt Ion:252 Resp: 384664

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

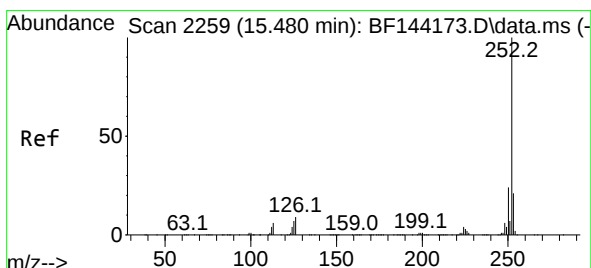
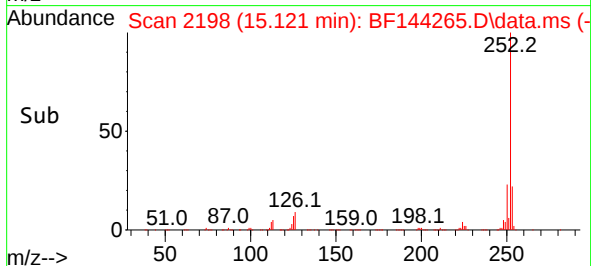
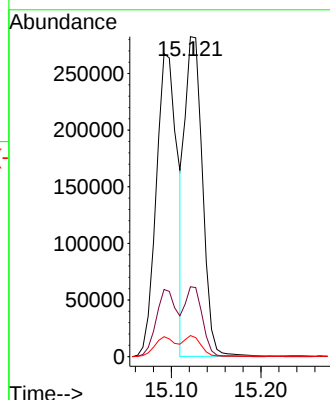
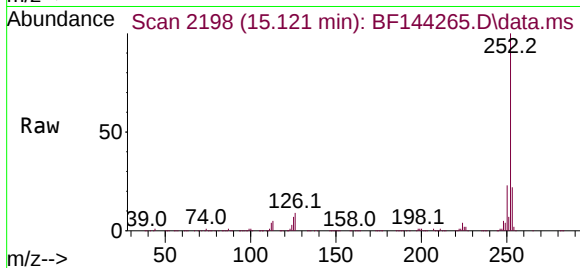
125 6.6 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025

Supervised By :Sohil Jodhani 11/18/2025



#90

Benzo(a)pyrene

Concen: 49.632 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF144265.D

Acq: 17 Nov 2025 13:52

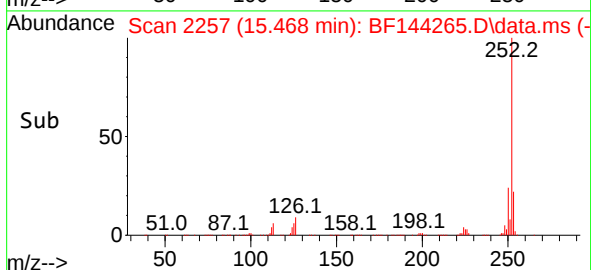
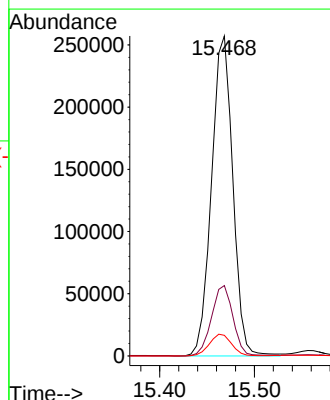
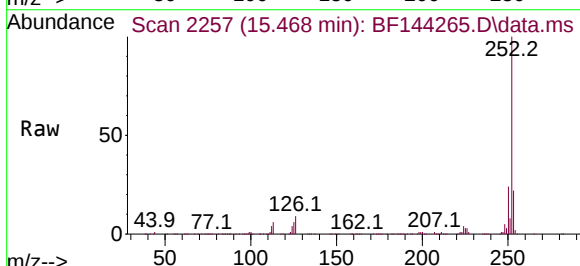
Tgt Ion:252 Resp: 401625

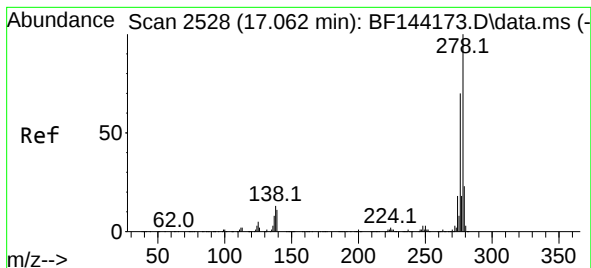
Ion Ratio Lower Upper

252 100

253 22.0 16.7 25.1

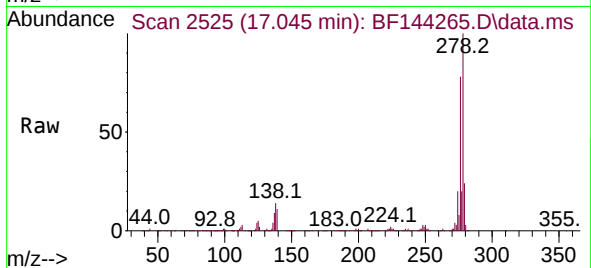
125 6.4 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 46.011 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52

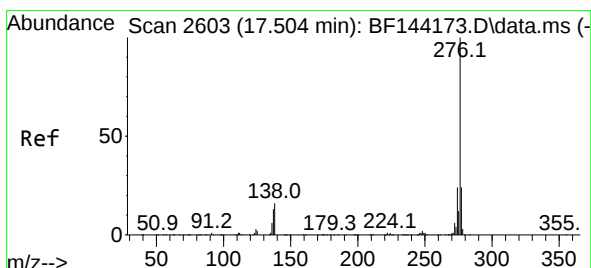
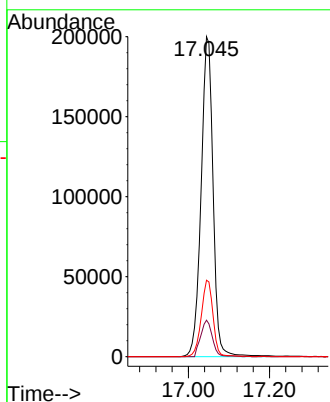
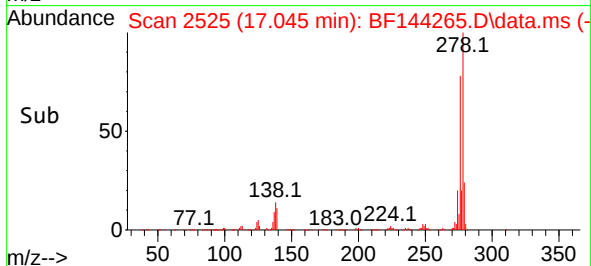
Instrument :
BNA_F
ClientSampleId :
PB170576BS



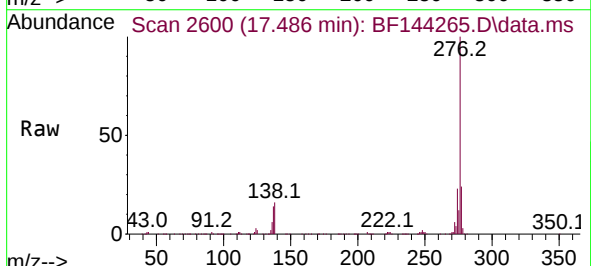
Tgt Ion:278 Resp: 409253
Ion Ratio Lower Upper
278 100
139 11.4 9.1 13.7
279 23.9 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025



#92
Benzo(g,h,i)perylene
Concen: 47.615 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144265.D
Acq: 17 Nov 2025 13:52



Tgt Ion:276 Resp: 418232
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 16.0 12.9 19.3

