

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142323.D
 Acq On : 12 May 2025 16:40
 Operator : RC/JU
 Sample : Q1983-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MS

Quant Time: May 12 17:45:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	206852	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	800949	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	426157	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	688489	20.000	ng	0.00
76) Chrysene-d12	14.069	240	407931	20.000	ng	0.00
86) Perylene-d12	15.557	264	436022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1421082	117.277	ng	0.02
7) Phenol-d6	6.528	99	1615777	108.417	ng	0.00
23) Nitrobenzene-d5	7.463	82	1106829	84.278	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	576921	140.218	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2302153	77.028	ng	0.00
79) Terphenyl-d14	13.016	244	2063091	74.856	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	174235	31.931	ng	# 83
3) Pyridine	3.552	79	467134	36.463	ng	98
4) n-Nitrosodimethylamine	3.499	42	281528	37.810	ng	96
6) Aniline	6.569	93	468645	32.059	ng	100
8) 2-Chlorophenol	6.687	128	553641	42.757	ng	99
9) Benzaldehyde	6.457	77	148565	17.032	ng	99
10) Phenol	6.540	94	617291	39.075	ng	96
11) bis(2-Chloroethyl)ether	6.640	93	532209	34.162	ng	98
12) 1,3-Dichlorobenzene	6.845	146	512971	34.628	ng	99
13) 1,4-Dichlorobenzene	6.922	146	523322	35.184	ng	99
14) 1,2-Dichlorobenzene	7.075	146	517960	36.279	ng	99
15) Benzyl Alcohol	7.040	79	449023	46.529	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	903547	38.839	ng	100
17) 2-Methylphenol	7.151	107	453459	43.255	ng	99
18) Hexachloroethane	7.416	117	174718	35.305	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	389265	42.226	ng	98
20) 3+4-Methylphenols	7.304	107	558663	42.699	ng	# 89
22) Acetophenone	7.310	105	734706	41.255	ng	96
24) Nitrobenzene	7.487	77	551793	44.573	ng	97
25) Isophorone	7.722	82	1075971	43.265	ng	100
26) 2-Nitrophenol	7.798	139	255307	43.230	ng	98
27) 2,4-Dimethylphenol	7.834	122	555671	44.441	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	683304	42.729	ng	99
29) 2,4-Dichlorophenol	8.040	162	495710	46.632	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	486059	40.628	ng	99
31) Naphthalene	8.210	128	1585551	40.845	ng	100
32) Benzoic acid	7.940	122	265115	41.412	ng	99
33) 4-Chloroaniline	8.281	127	106820m	6.744	ng	
34) Hexachlorobutadiene	8.328	225	282636	39.897	ng	99
35) Caprolactam	8.616	113	131375m	42.405	ng	
36) 4-Chloro-3-methylphenol	8.734	107	513400	46.460	ng	99
37) 2-Methylnaphthalene	8.898	142	1037372	43.007	ng	100
38) 1-Methylnaphthalene	8.998	142	1073024	42.681	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	506931	42.591	ng	99
41) Hexachlorocyclopentadiene	9.051	237	550566	74.848	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	361479	48.149	ng	99

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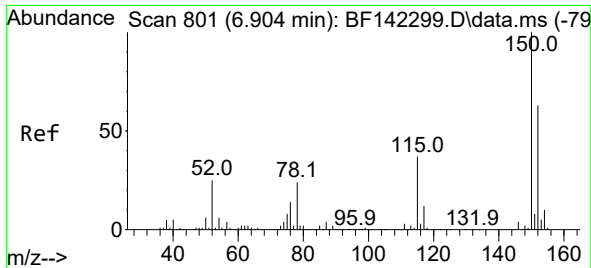
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	381755	47.791	ng	99
46) 1,1'-Biphenyl	9.363	154	1422411	43.532	ng	99
47) 2-Chloronaphthalene	9.386	162	1056244	43.467	ng	99
48) 2-Nitroaniline	9.481	65	315573	50.666	ng	95
49) Acenaphthylene	9.804	152	1790929	44.057	ng	100
50) Dimethylphthalate	9.663	163	1289412	47.119	ng	100
51) 2,6-Dinitrotoluene	9.722	165	272987	53.295	ng	95
52) Acenaphthene	9.975	154	1137318	46.531	ng	100
53) 3-Nitroaniline	9.892	138	178030	29.635	ng	96
54) 2,4-Dinitrophenol	9.998	184	193169	72.843	ng	# 1
55) Dibenzofuran	10.151	168	1577326	43.726	ng	100
56) 4-Nitrophenol	10.045	139	381011	84.271	ng	96
57) 2,4-Dinitrotoluene	10.128	165	357145	54.357	ng	97
58) Fluorene	10.492	166	1191543	43.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	317337	48.123	ng	99
60) Diethylphthalate	10.363	149	1264355	46.266	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	585930	44.116	ng	98
62) 4-Nitroaniline	10.510	138	263296	55.300	ng	99
63) Azobenzene	10.645	77	1148861	43.994	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	132169	42.203	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1077843	47.046	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	367082	47.044	ng	97
68) Hexachlorobenzene	11.039	284	411874	47.987	ng	97
69) Atrazine	11.128	200	319886	52.968	ng	99
70) Pentachlorophenol	11.228	266	433230	95.948	ng	98
71) Phenanthrene	11.457	178	1633498	45.263	ng	100
72) Anthracene	11.504	178	1660941	44.792	ng	100
73) Carbazole	11.657	167	1458936	43.854	ng	100
74) Di-n-butylphthalate	11.992	149	1803231	51.547	ng	100
75) Fluoranthene	12.639	202	1530486	42.425	ng	100
77) Benzidine	12.763	184	489982	66.095	ng	99
78) Pyrene	12.869	202	1516988	41.779	ng	100
80) Butylbenzylphthalate	13.492	149	579489	54.177	ng	98
81) Benzo(a)anthracene	14.057	228	1269592	48.058	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	207694	33.807	ng	98
83) Chrysene	14.098	228	1080998	43.955	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	774965	55.439	ng	100
85) Di-n-octyl phthalate	14.663	149	1212450	48.612	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1134243	37.395	ng	100
88) Benzo(b)fluoranthene	15.121	252	1179448	44.662	ng	99
89) Benzo(k)fluoranthene	15.151	252	1225647	50.716	ng	100
90) Benzo(a)pyrene	15.498	252	1136910	48.043	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	919055	36.677	ng	99
92) Benzo(g,h,i)perylene	17.521	276	891862	35.861	ng	100

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

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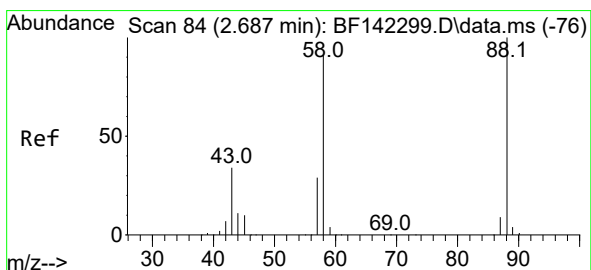
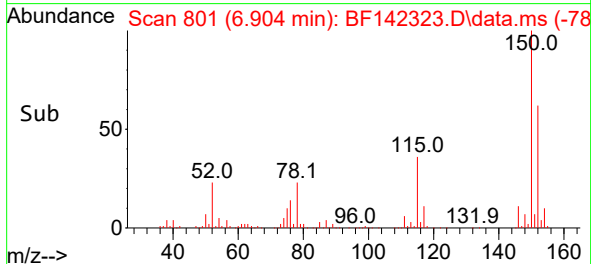
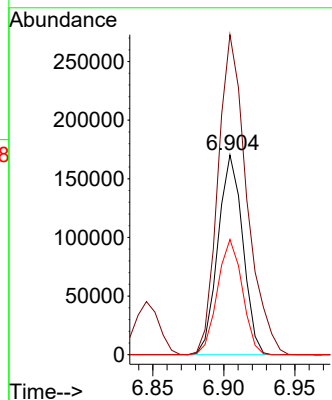
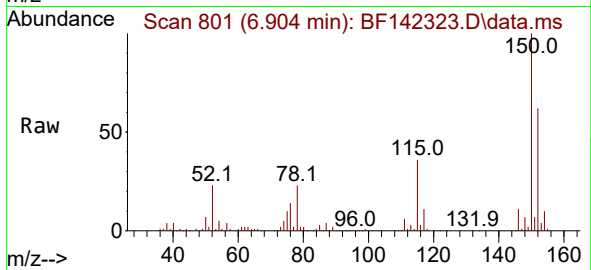




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142323.D
 Acq: 12 May 2025 16:40

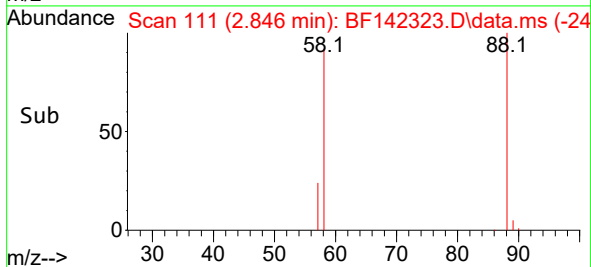
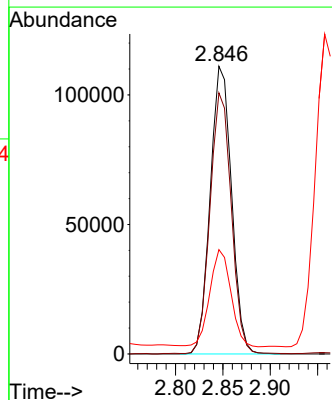
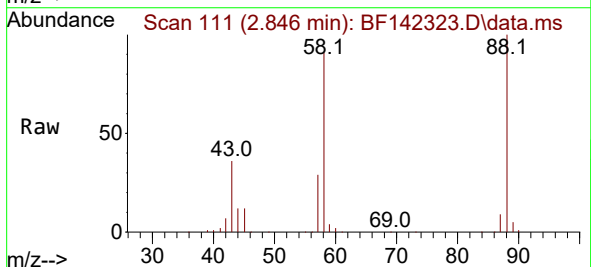
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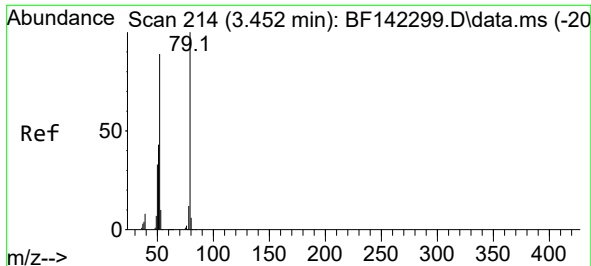
Tgt Ion:152 Resp: 206852
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.6 190.0
 115 57.7 47.3 70.9



#2
 1,4-Dioxane
 Concen: 31.931 ng
 RT: 2.846 min Scan# 111
 Delta R.T. 0.159 min
 Lab File: BF142323.D
 Acq: 12 May 2025 16:40

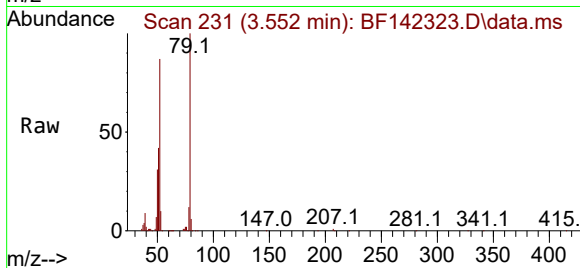
Tgt Ion: 88 Resp: 174235
 Ion Ratio Lower Upper
 88 100
 58 91.0 73.0 109.4
 43 0.0 27.8 41.6#



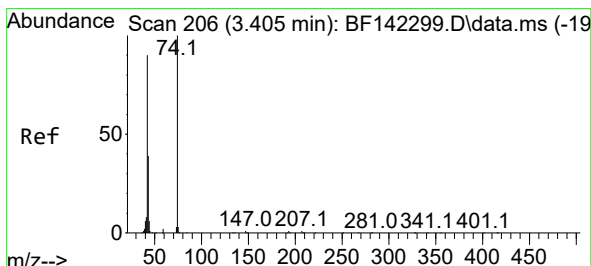
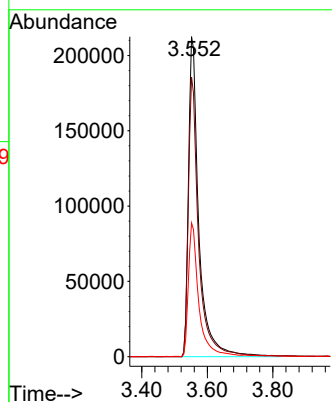
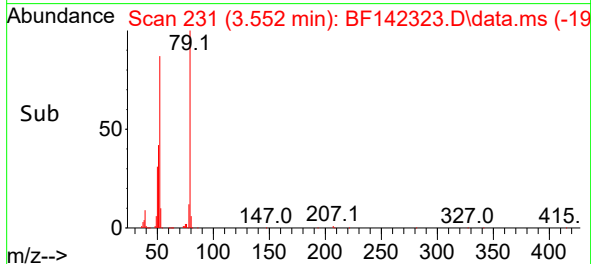


#3
Pyridine
Concen: 36.463 ng
RT: 3.552 min Scan# 214
Delta R.T. 0.100 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

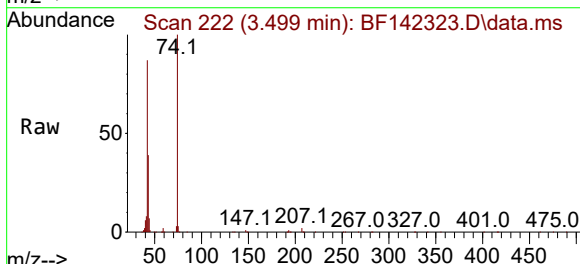
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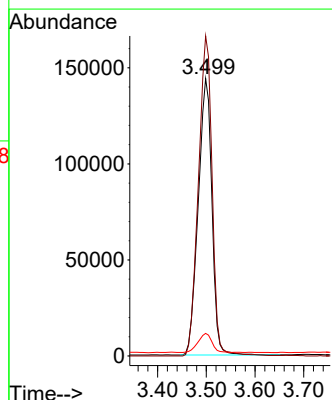
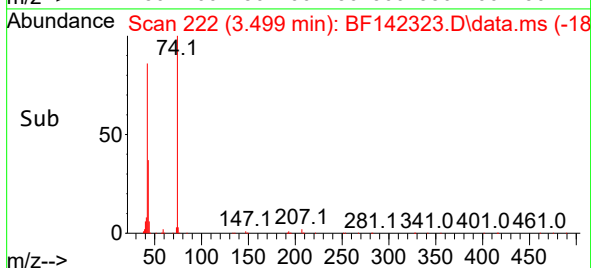
Tgt Ion: 79 Resp: 467134
Ion Ratio Lower Upper
79 100
52 87.4 71.0 106.4
51 41.8 34.9 52.3

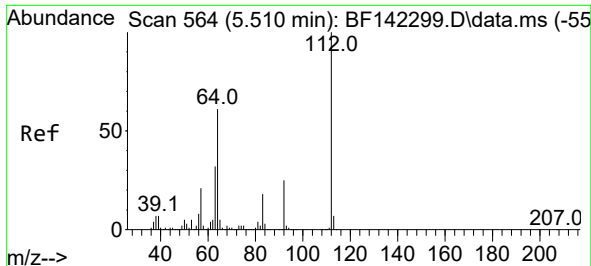


#4
n-Nitrosodimethylamine
Concen: 37.810 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.094 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40



Tgt Ion: 42 Resp: 281528
Ion Ratio Lower Upper
42 100
74 115.3 88.5 132.7
44 8.1 5.8 8.8

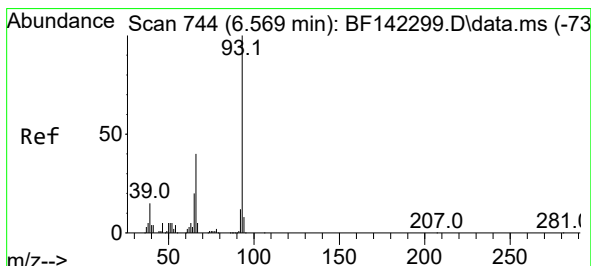
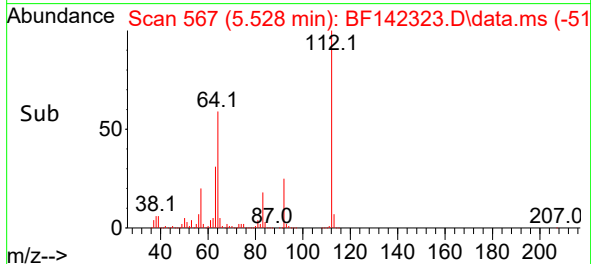
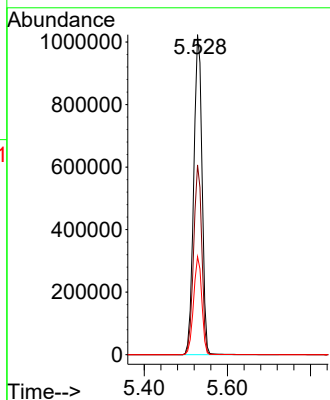
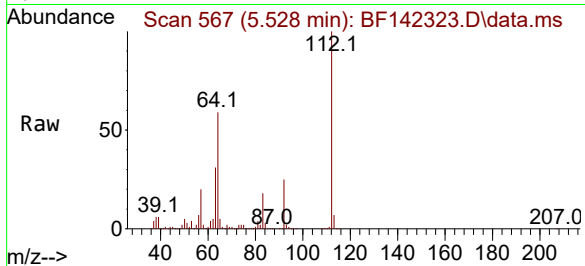




#5
2-Fluorophenol
Concen: 117.277 ng
RT: 5.528 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

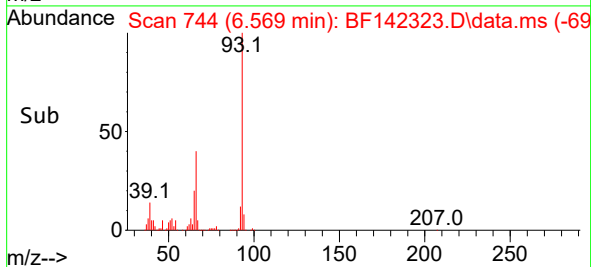
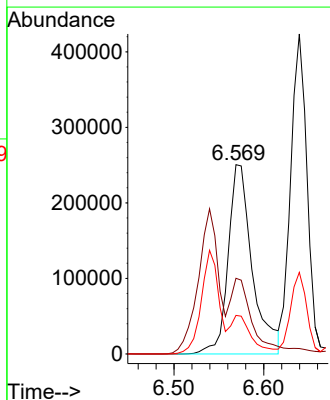
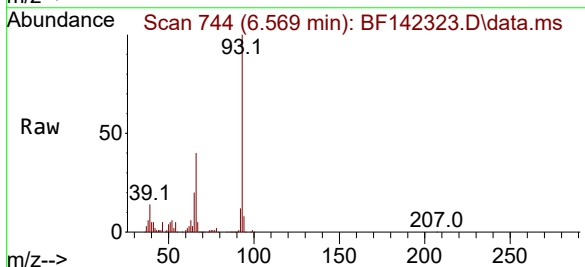
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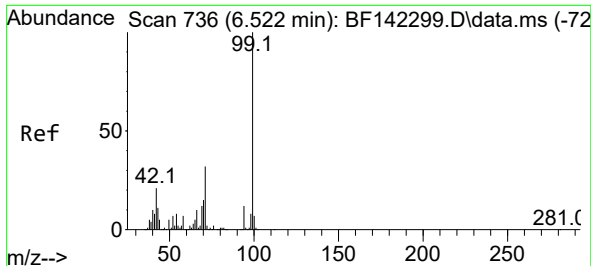
Tgt Ion:112 Resp: 1421082
Ion Ratio Lower Upper
112 100
64 59.3 48.9 73.3
63 30.6 25.6 38.4



#6
Aniline
Concen: 32.059 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion: 93 Resp: 468645
Ion Ratio Lower Upper
93 100
66 40.0 32.2 48.4
65 20.4 16.3 24.5



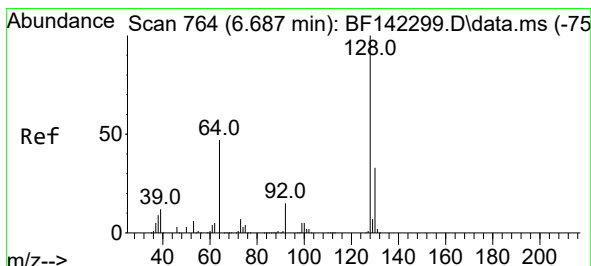
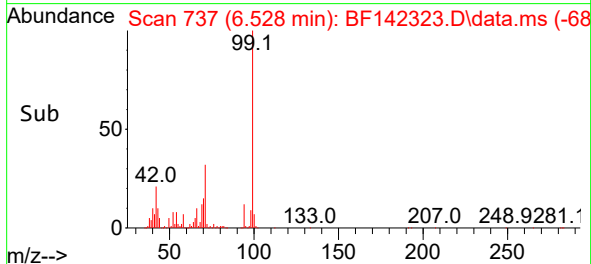
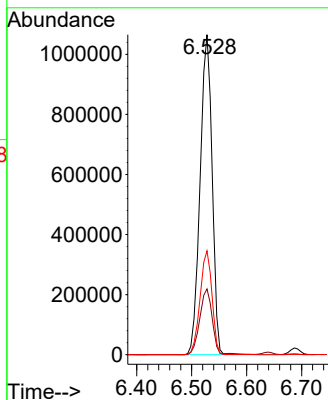
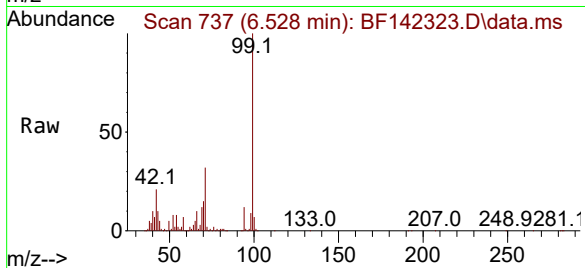


#7
Phenol-d6
Concen: 108.417 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

Tgt Ion: 99 Resp: 1615777

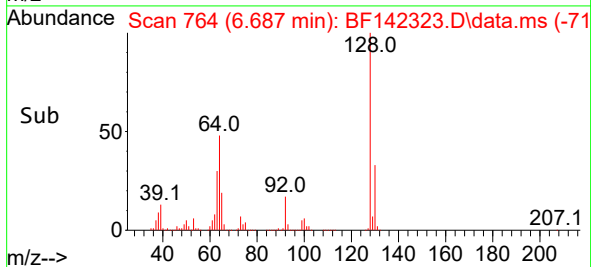
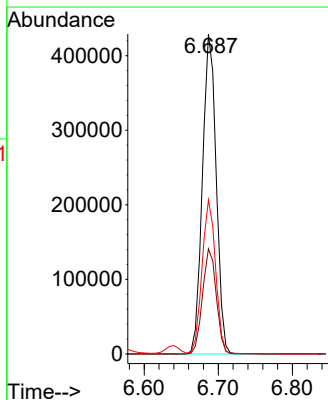
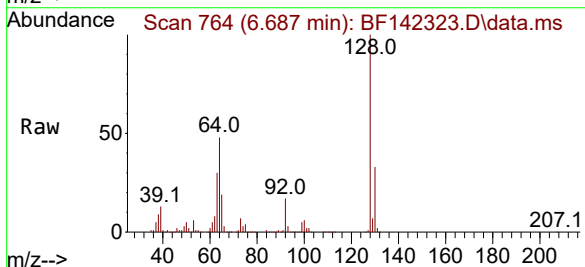
Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.0	25.4
71	32.5	25.8	38.8

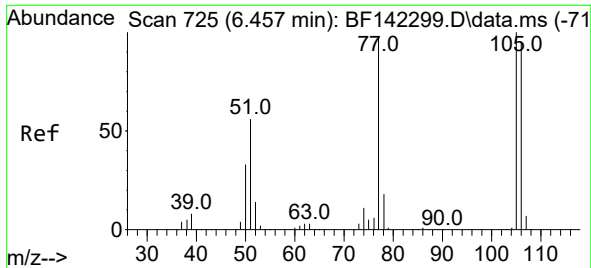


#8
2-Chlorophenol
Concen: 42.757 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion: 128 Resp: 553641

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	48.1	29.2	69.2

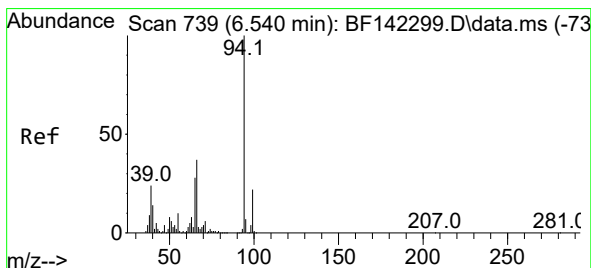
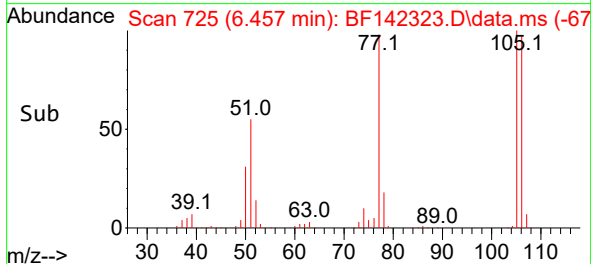
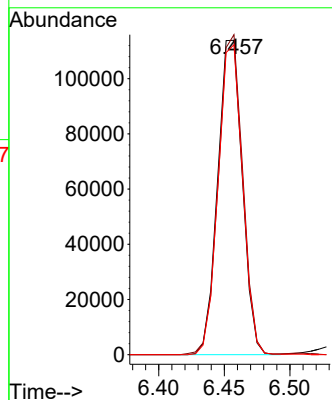
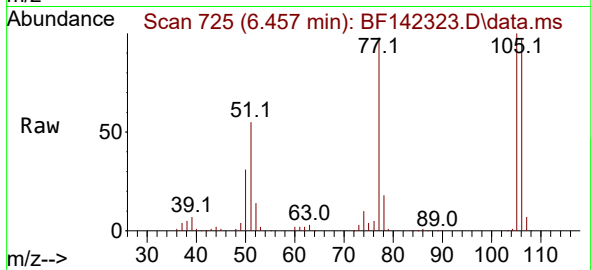




#9
Benzaldehyde
Concen: 17.032 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

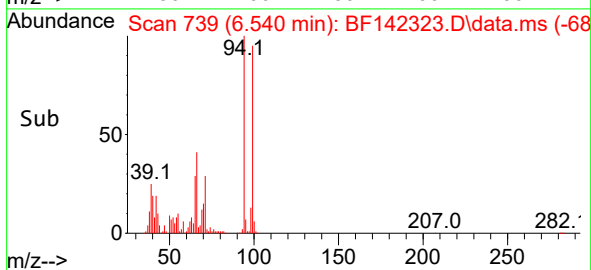
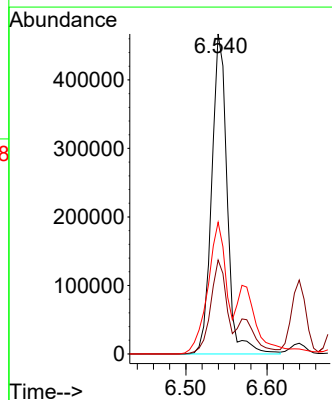
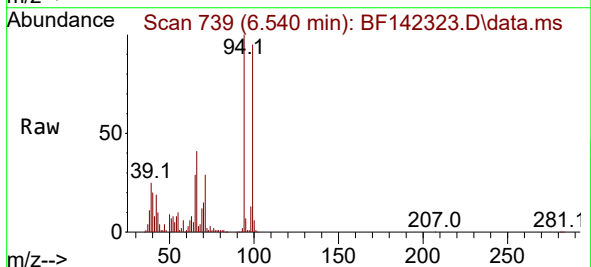
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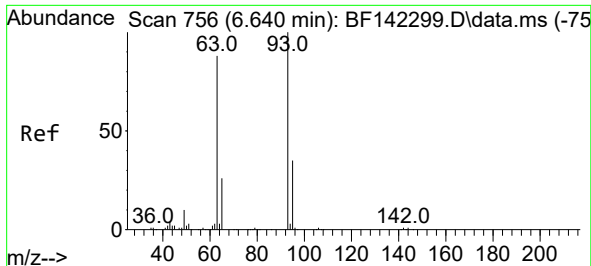
Tgt Ion: 77 Resp: 148565
Ion Ratio Lower Upper
77 100
105 101.8 82.0 122.0
106 98.6 77.2 117.2



#10
Phenol
Concen: 39.075 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion: 94 Resp: 617291
Ion Ratio Lower Upper
94 100
65 29.4 8.5 48.5
66 41.1 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 34.162 ng

RT: 6.640 min Scan# 756

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

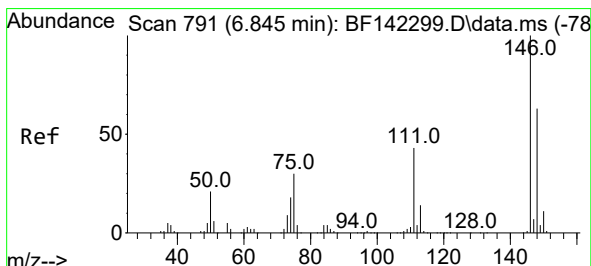
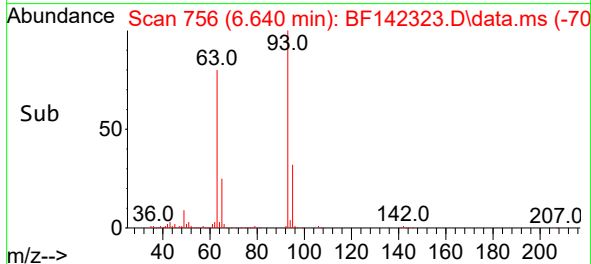
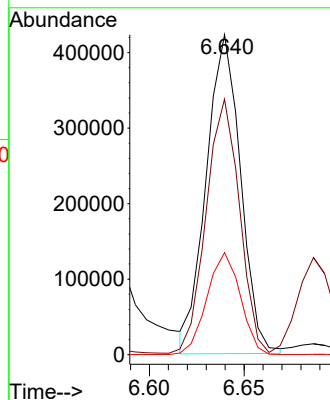
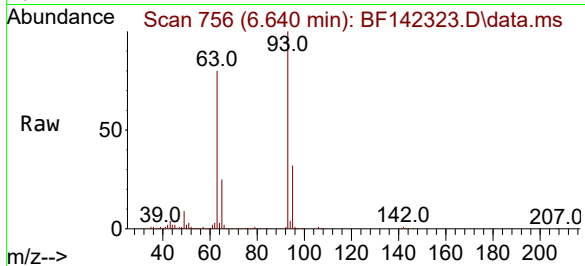
Tgt Ion: 93 Resp: 532209

Ion Ratio Lower Upper

93 100

63 79.8 58.4 98.4

95 31.9 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 34.628 ng

RT: 6.845 min Scan# 791

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

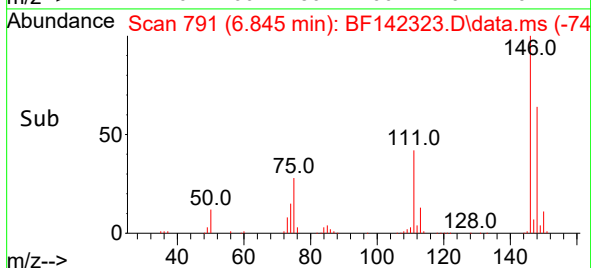
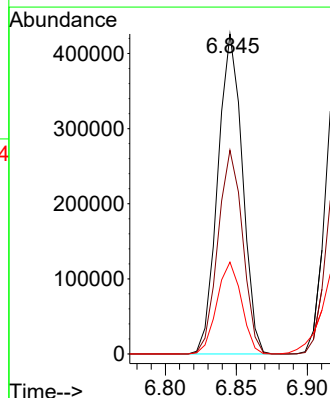
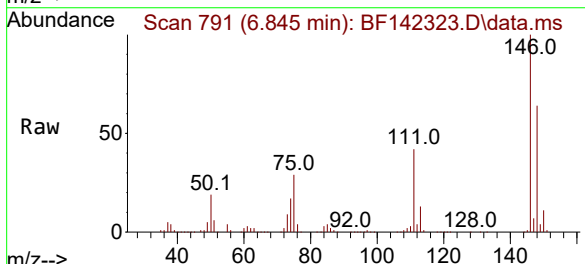
Tgt Ion: 146 Resp: 512971

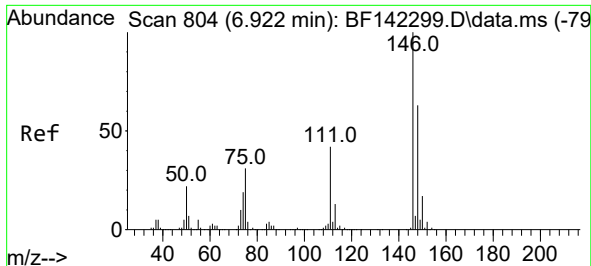
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

75 28.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 35.184 ng

RT: 6.922 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

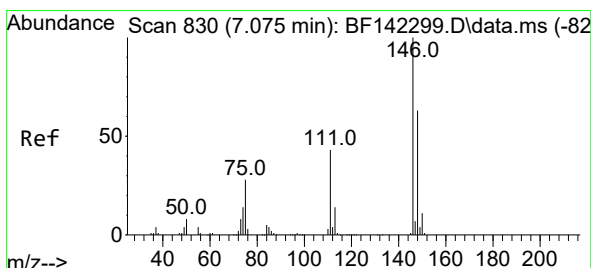
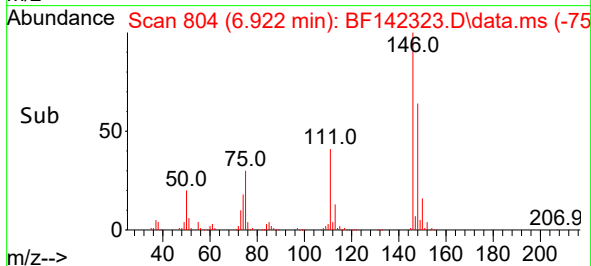
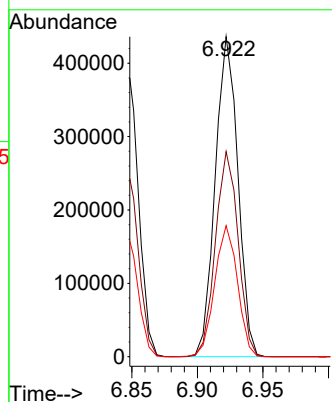
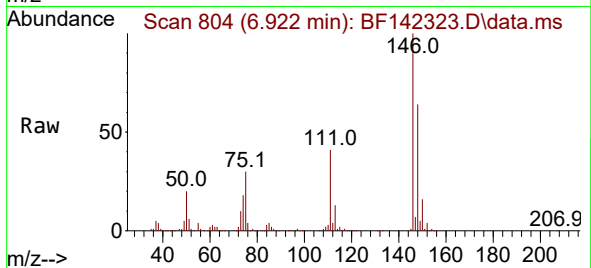
Tgt Ion:146 Resp: 523322

Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

111 41.0 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 36.279 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

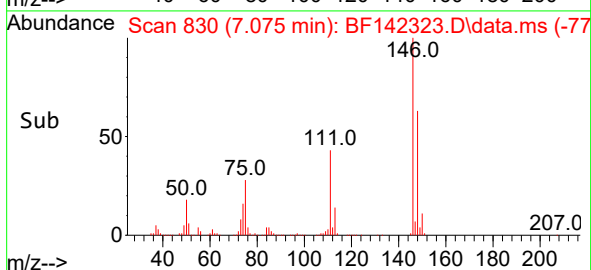
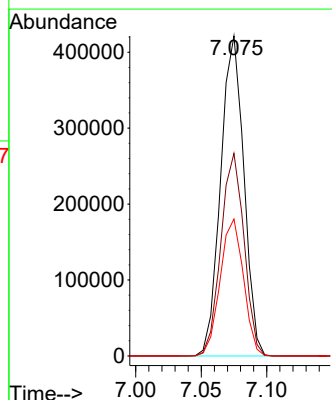
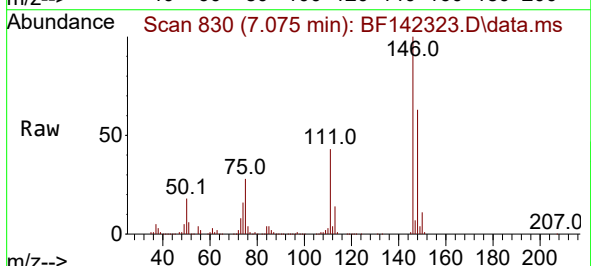
Tgt Ion:146 Resp: 517960

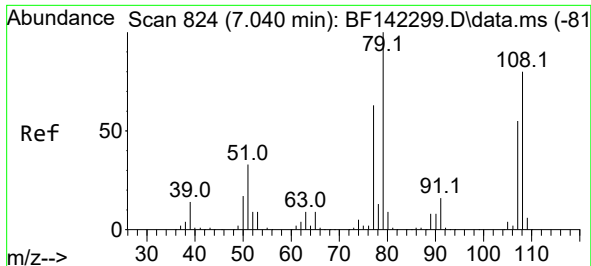
Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

111 42.8 34.5 51.7

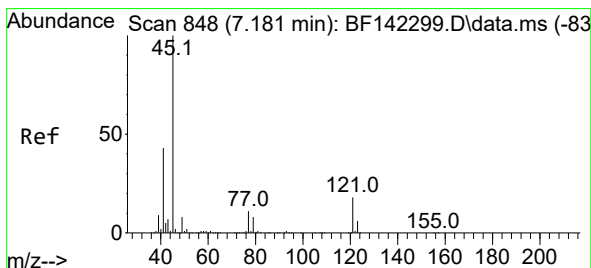
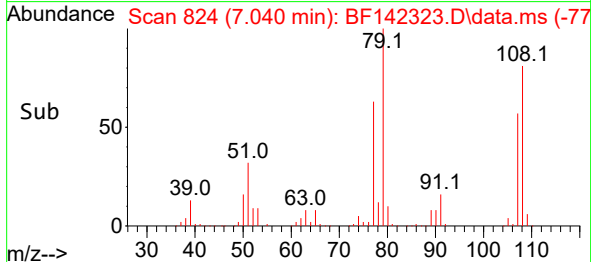
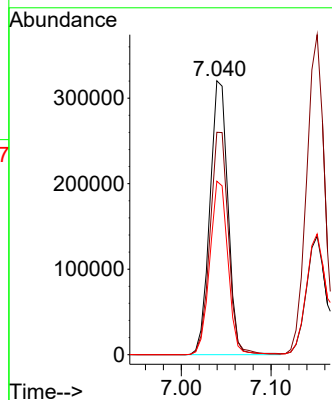
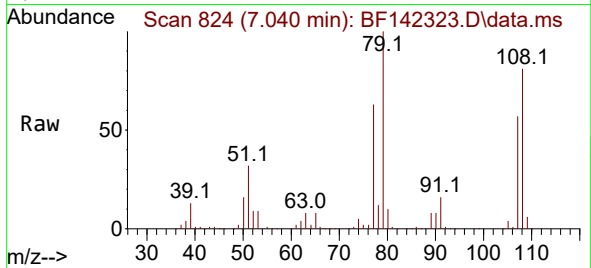




#15
Benzyl Alcohol
Concen: 46.529 ng
RT: 7.040 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

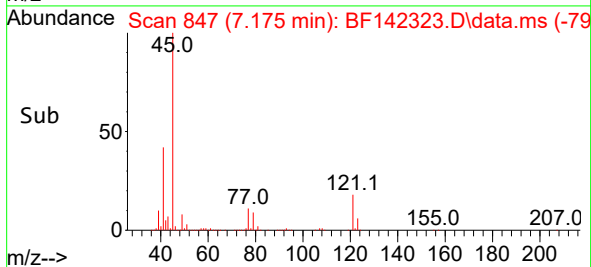
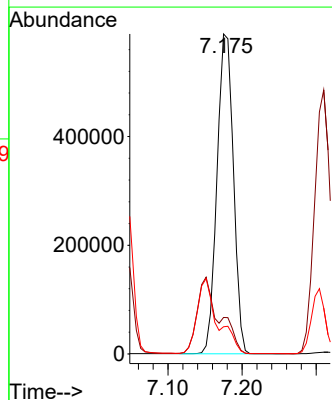
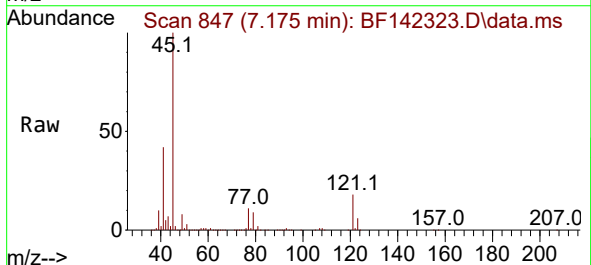
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

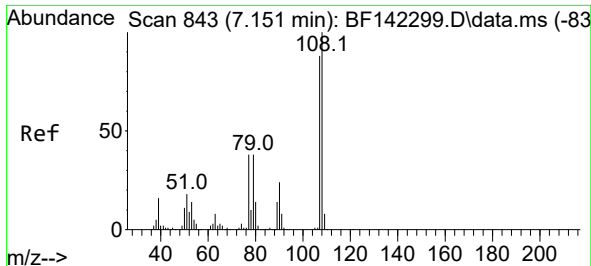
Tgt Ion:	79	Resp:	449023
Ion Ratio	Lower	Upper	
79	100		
108	81.2	63.9	95.9
77	63.3	50.7	76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.839 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

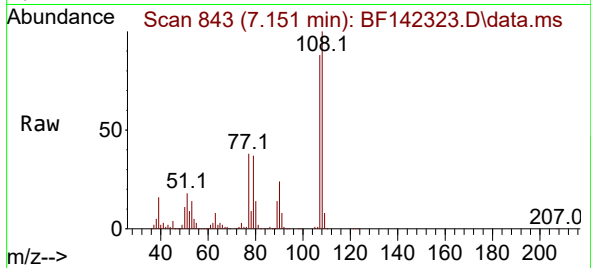
Tgt Ion:	45	Resp:	903547
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	31.2
79	8.5	0.0	28.5



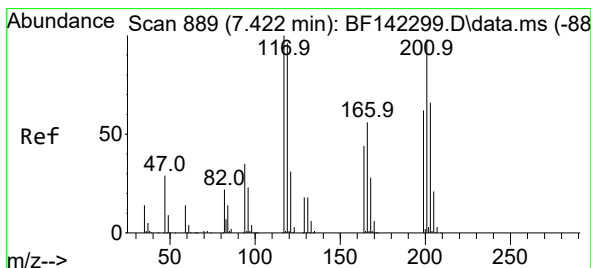
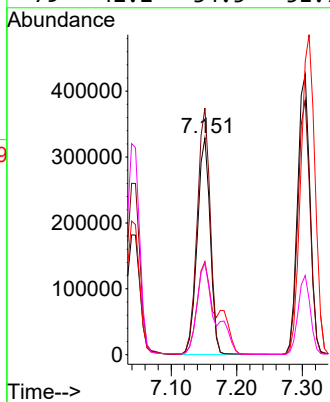
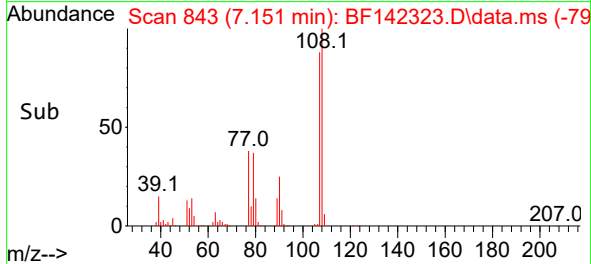


#17
2-Methylphenol
Concen: 43.255 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

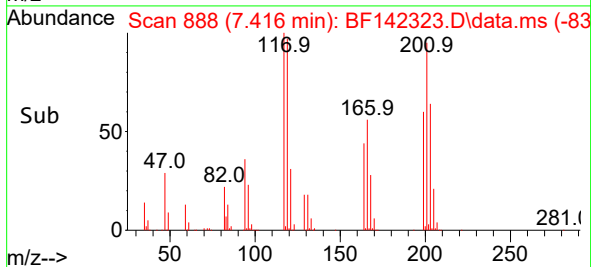
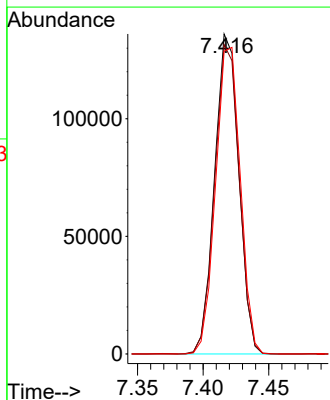
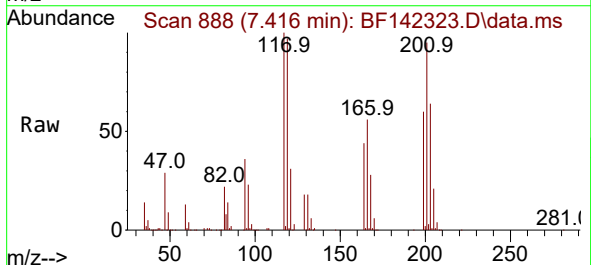


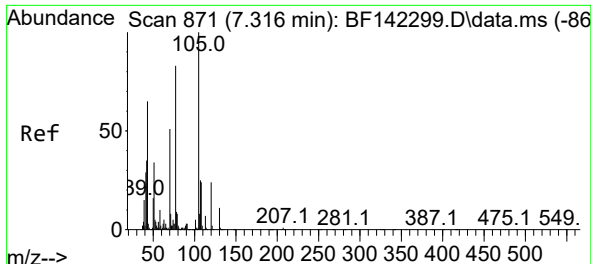
Tgt Ion:	107	Resp:	453459
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	43.0	34.7	52.1
79	42.2	34.5	51.7



#18
Hexachloroethane
Concen: 35.305 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:	117	Resp:	174718
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.9	115.3
201	94.6	78.0	117.0



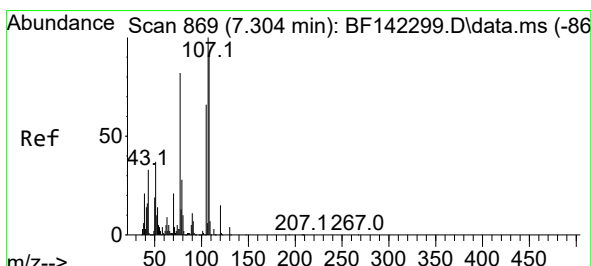
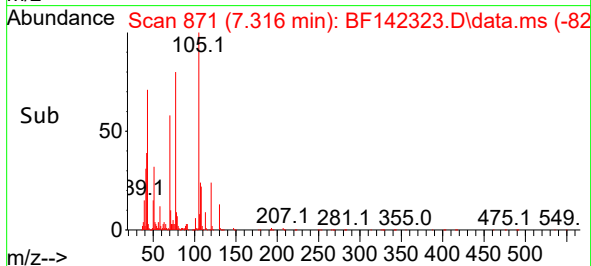
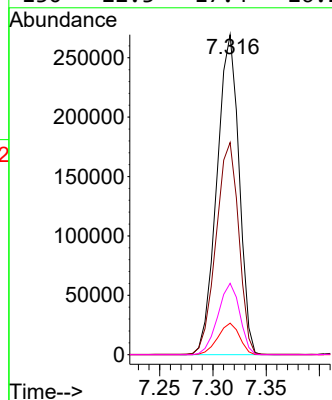
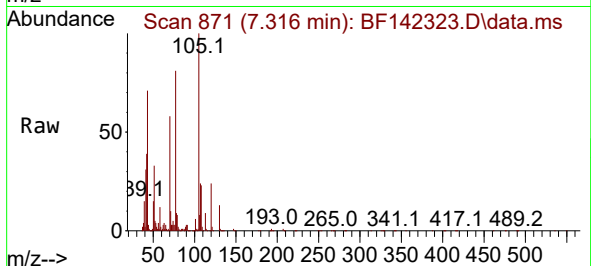


#19
n-Nitroso-di-n-propylamine
Concen: 42.226 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

Tgt Ion: 70 Resp: 389265

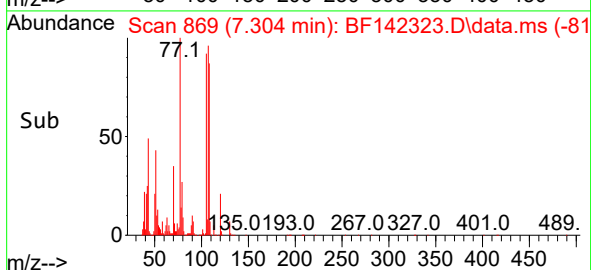
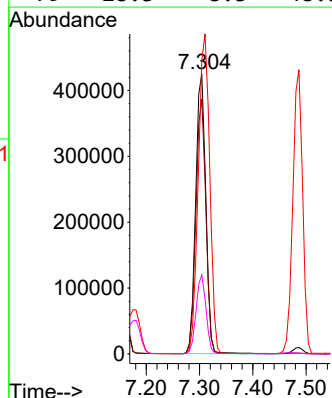
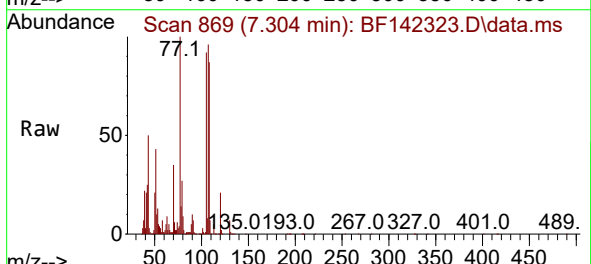
Ion	Ratio	Lower	Upper
70	100		
42	66.3	54.8	82.2
101	9.8	7.7	11.5
130	22.3	17.4	26.2

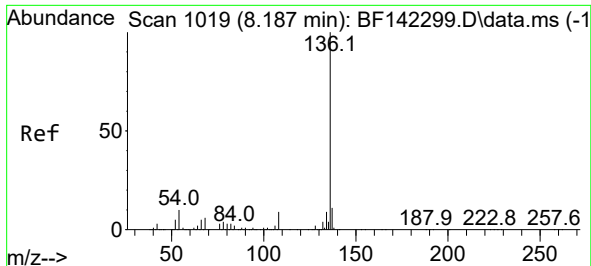


#20
3+4-Methylphenols
Concen: 42.699 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion: 107 Resp: 558663

Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.5	111.5
77	104.7	61.6	101.6#
79	28.3	8.3	48.3

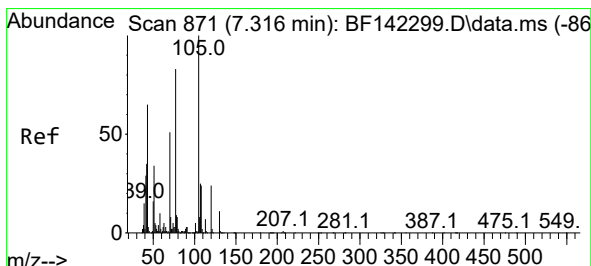
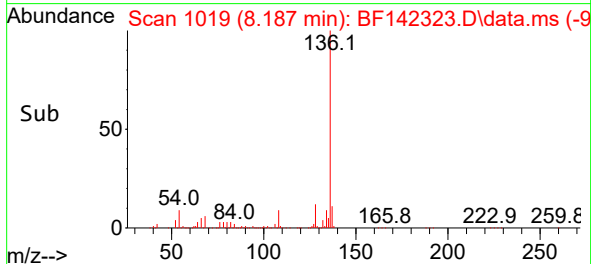
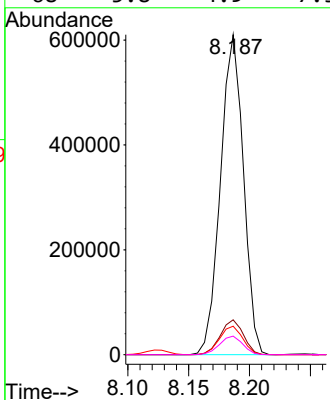
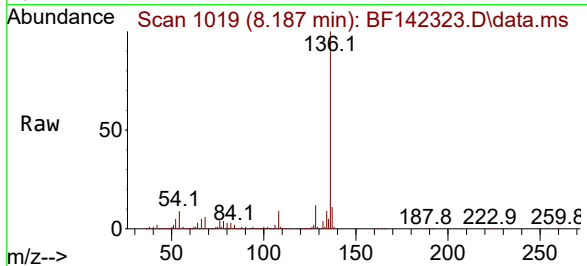




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

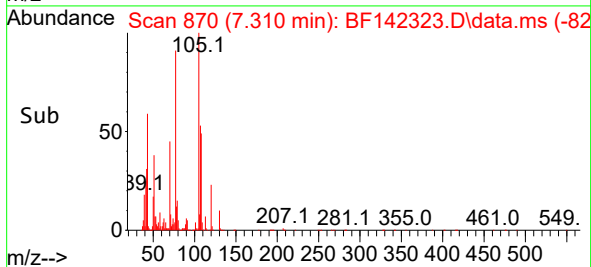
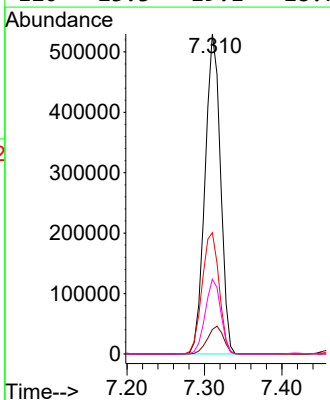
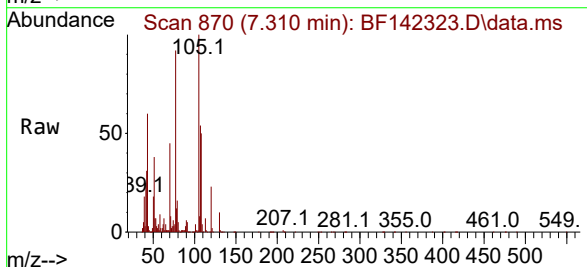
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

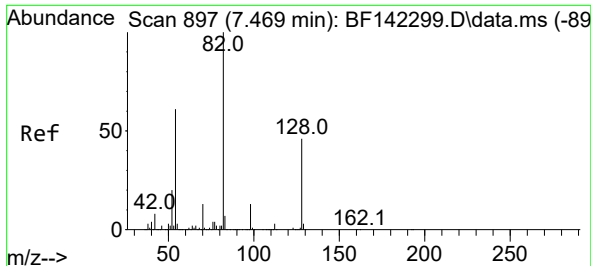
Tgt Ion:	136	Resp:	800949
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.7	11.5
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 41.255 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:	105	Resp:	734706
Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.7	10.1
51	37.9	27.6	41.4
120	23.3	19.1	28.7





#23

Nitrobenzene-d5

Concen: 84.278 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

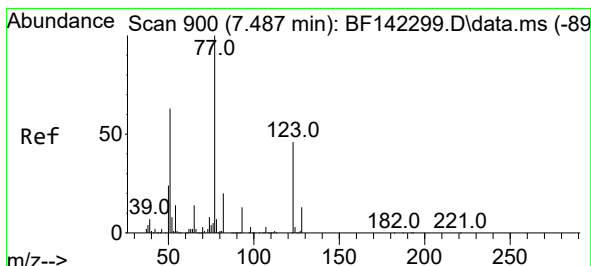
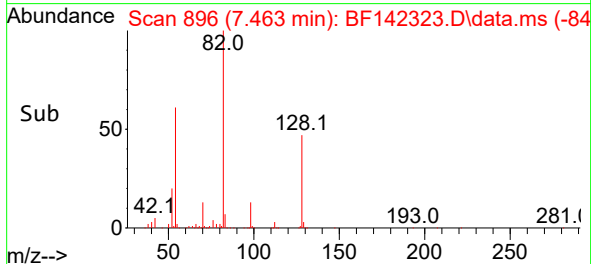
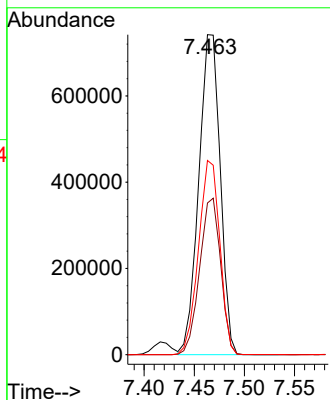
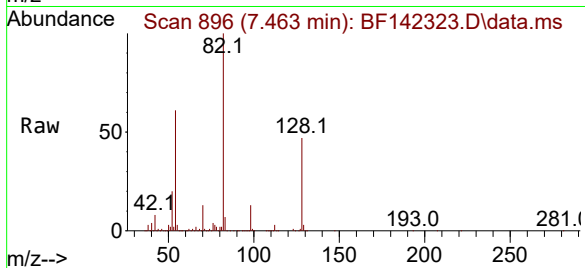
BNA_F

ClientSampleId :

OR-636-COMP-01MS

Tgt Ion: 82 Resp: 1106829

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.0	55.6
54	60.7	48.6	73.0



#24

Nitrobenzene

Concen: 44.573 ng

RT: 7.487 min Scan# 900

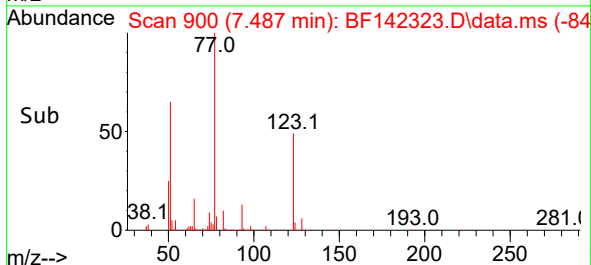
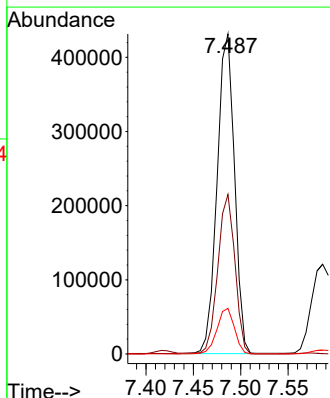
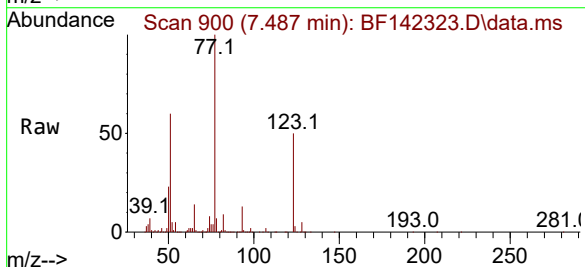
Delta R.T. 0.000 min

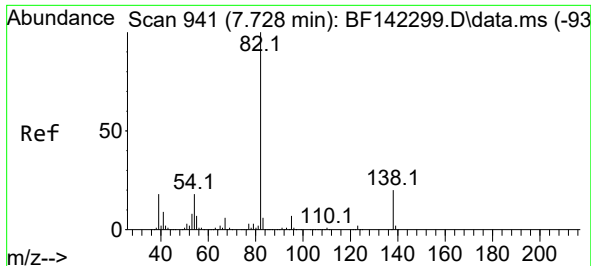
Lab File: BF142323.D

Acq: 12 May 2025 16:40

Tgt Ion: 77 Resp: 551793

Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.8	56.8
65	14.3	11.4	17.0

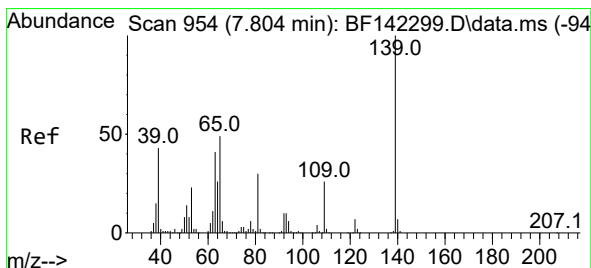
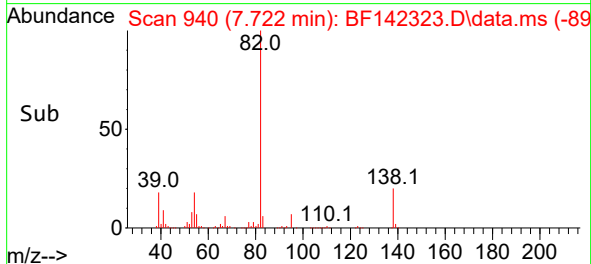
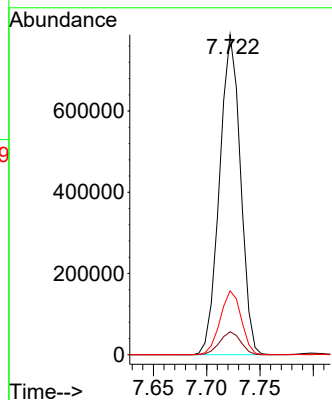
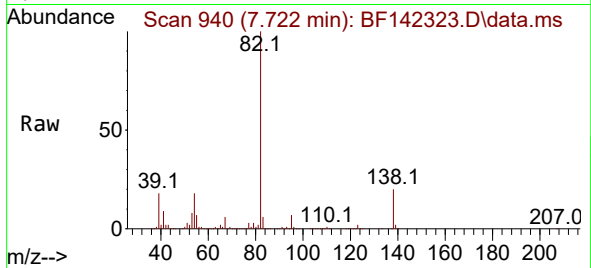




#25
Isophorone
Concen: 43.265 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

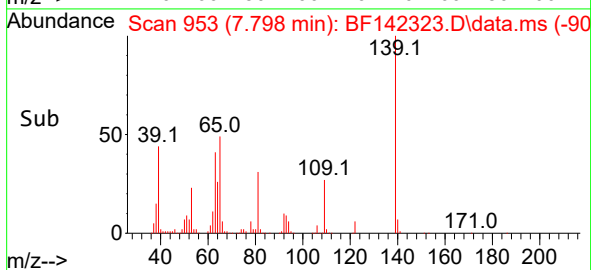
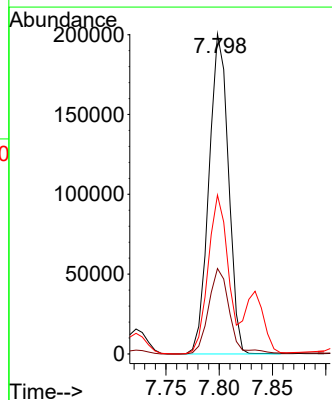
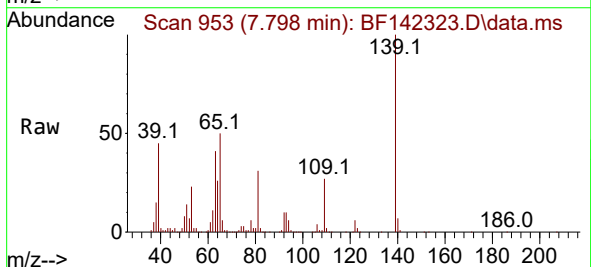
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

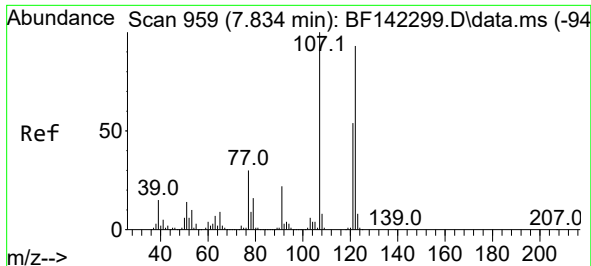
Tgt Ion: 82 Resp: 1075971
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 20.0 16.1 24.1



#26
2-Nitrophenol
Concen: 43.230 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion: 139 Resp: 255307
Ion Ratio Lower Upper
139 100
109 26.7 20.8 31.2
65 49.7 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 44.441 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142323.D

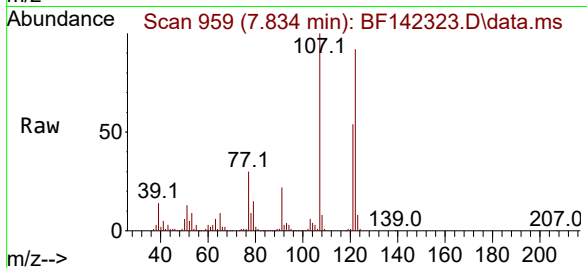
Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS



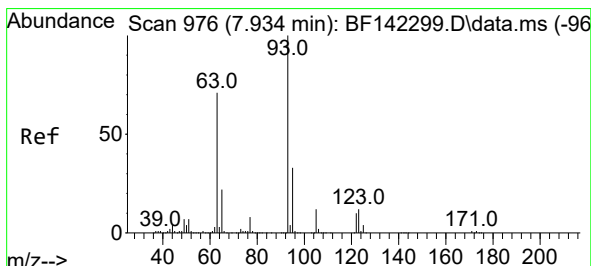
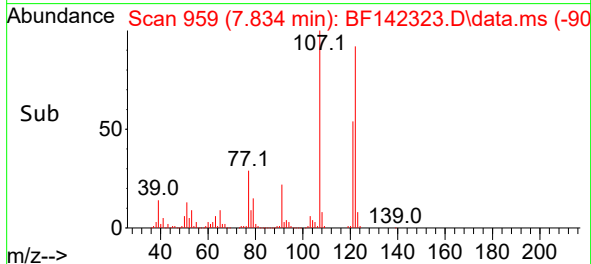
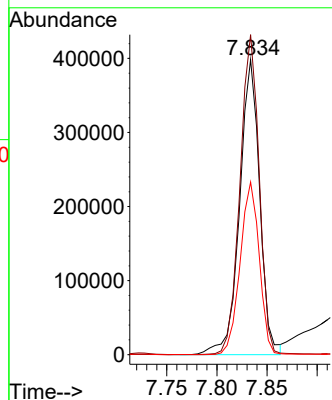
Tgt Ion:122 Resp: 555671

Ion Ratio Lower Upper

122 100

107 108.4 86.0 129.0

121 58.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.729 ng

RT: 7.934 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

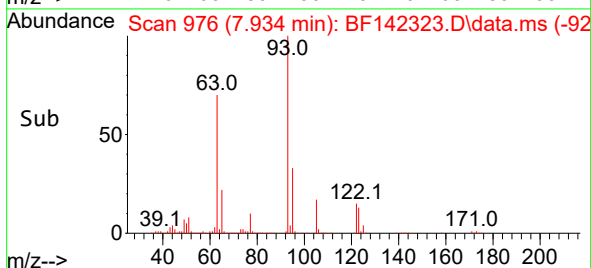
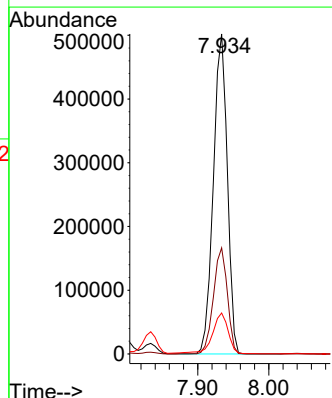
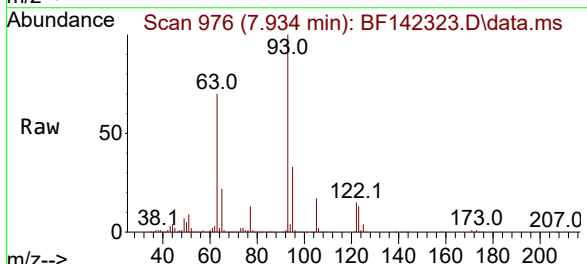
Tgt Ion: 93 Resp: 683304

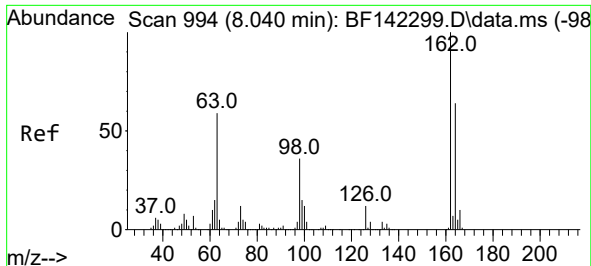
Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.632 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142323.D

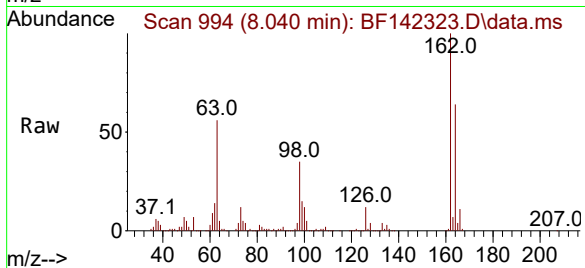
Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS



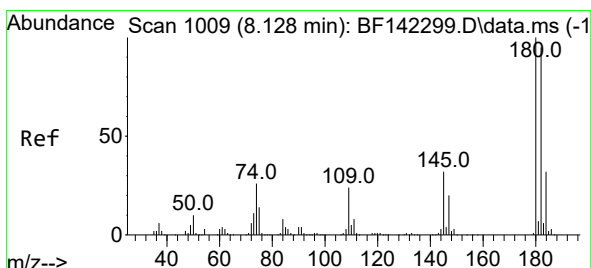
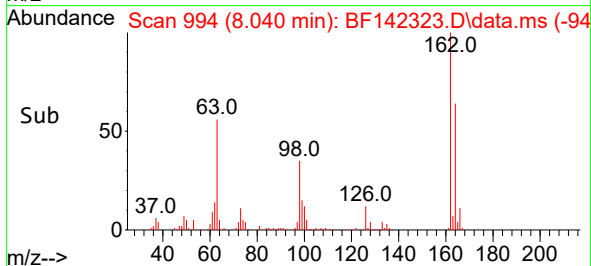
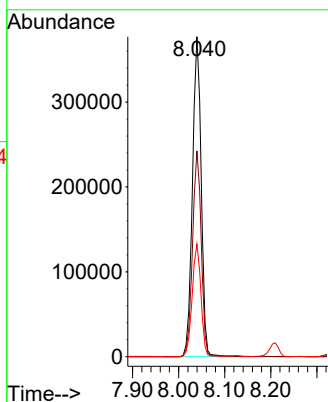
Tgt Ion:162 Resp: 495710

Ion Ratio Lower Upper

162 100

164 64.3 43.6 83.6

98 35.2 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 40.628 ng

RT: 8.128 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

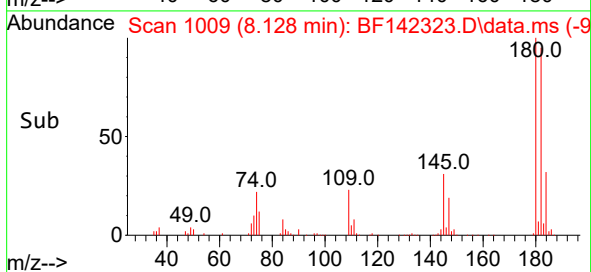
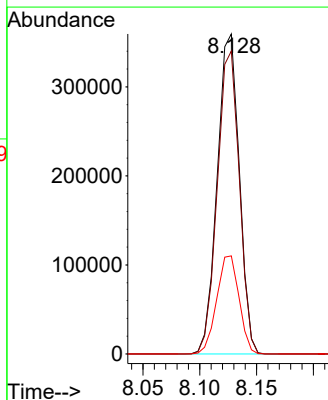
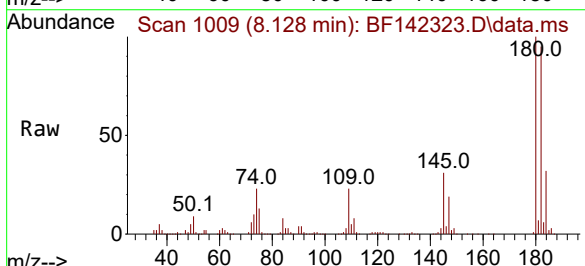
Tgt Ion:180 Resp: 486059

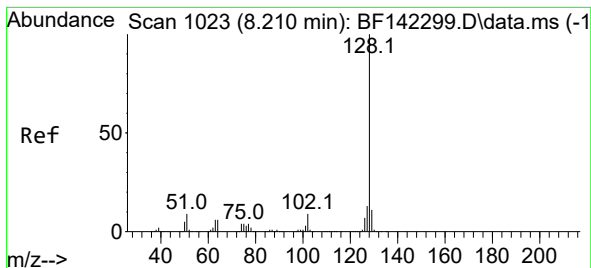
Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

145 30.6 25.8 38.6





#31

Naphthalene

Concen: 40.845 ng

RT: 8.210 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

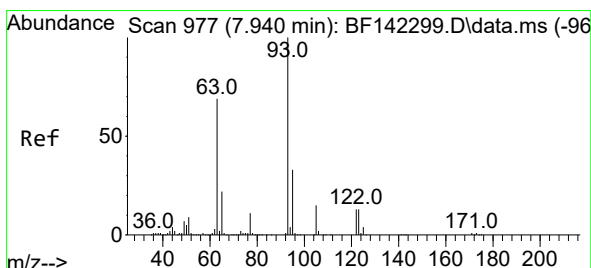
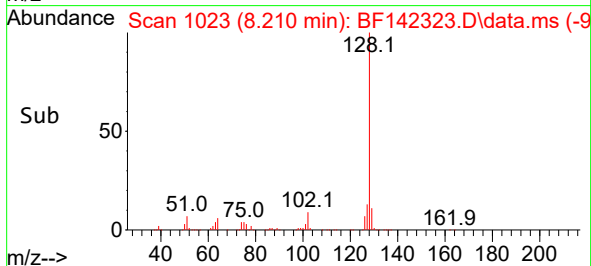
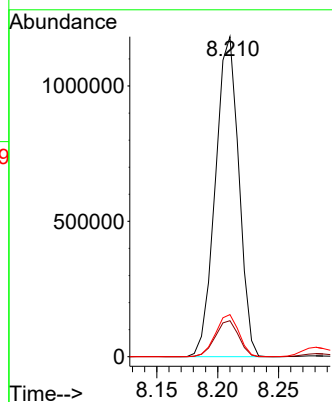
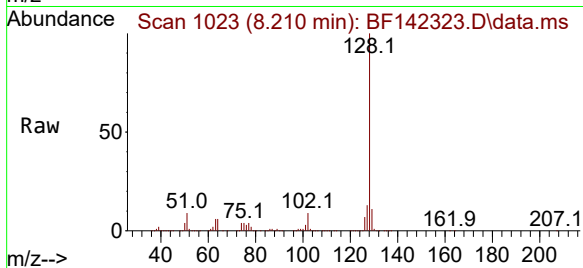
Tgt Ion:128 Resp: 1585551

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 41.412 ng

RT: 7.940 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

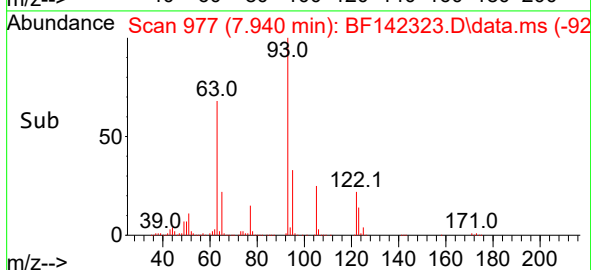
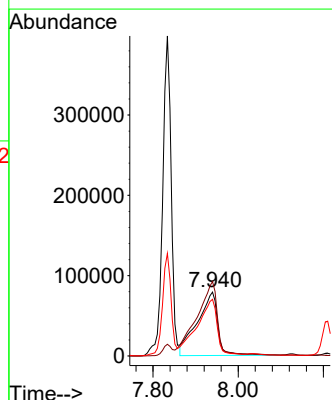
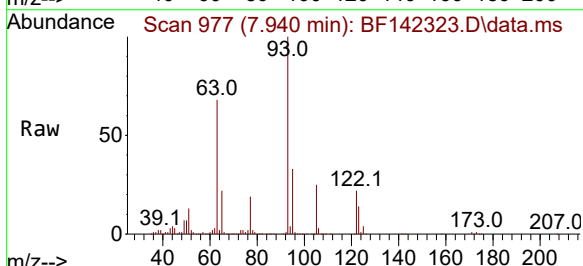
Tgt Ion:122 Resp: 265115

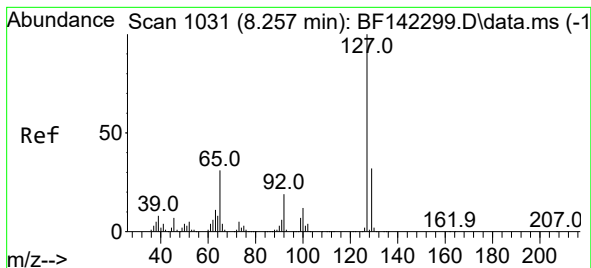
Ion Ratio Lower Upper

122 100

105 116.8 97.9 137.9

77 88.9 67.7 107.7





#33

4-Chloroaniline

Concen: 6.744 ng m

RT: 8.281 min Scan# 1035

Delta R.T. 0.024 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

Tgt Ion:127 Resp: 106820

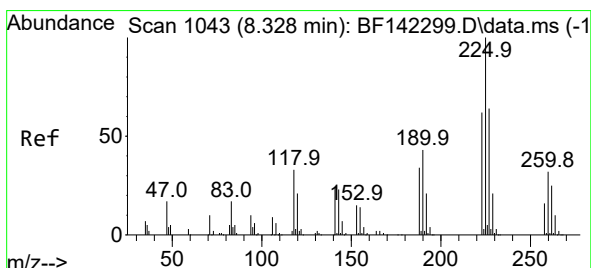
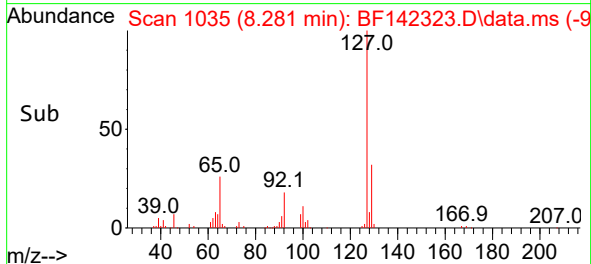
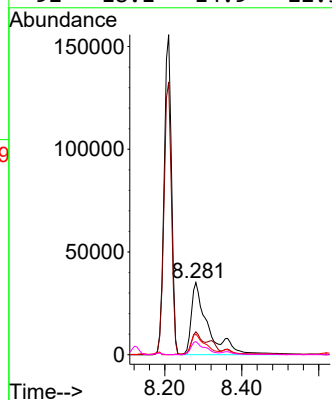
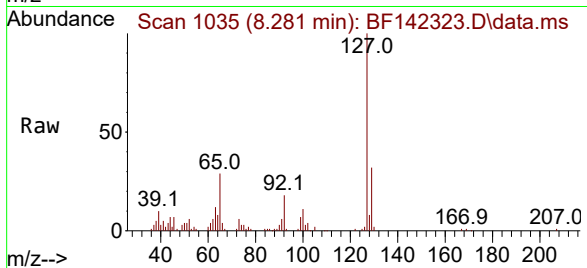
Ion Ratio Lower Upper

127 100

129 31.8 25.7 38.5

65 28.7 24.9 37.3

92 18.1 14.9 22.3



#34

Hexachlorobutadiene

Concen: 39.897 ng

RT: 8.328 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

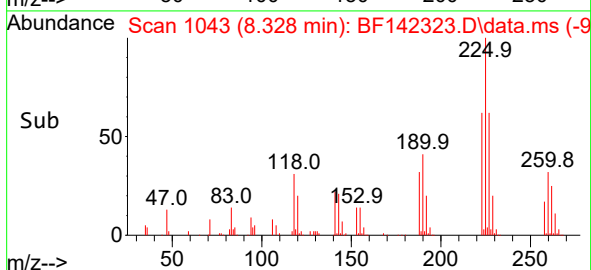
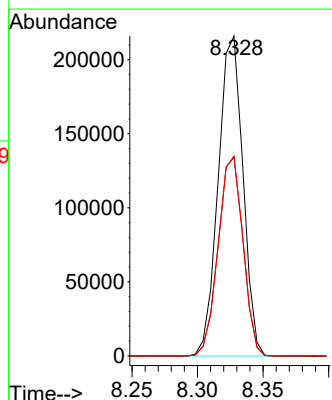
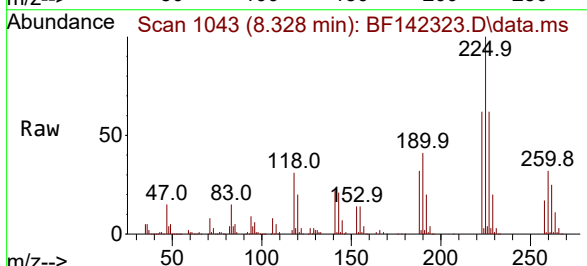
Tgt Ion:225 Resp: 282636

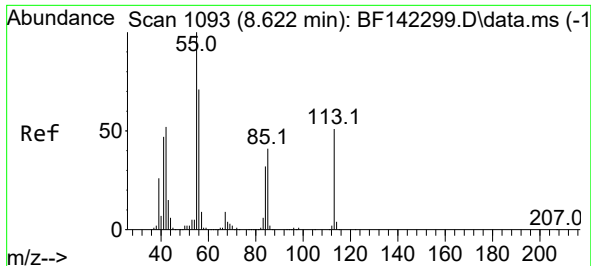
Ion Ratio Lower Upper

225 100

223 62.1 49.8 74.6

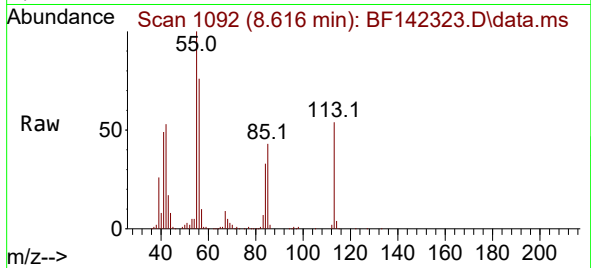
227 62.5 50.9 76.3



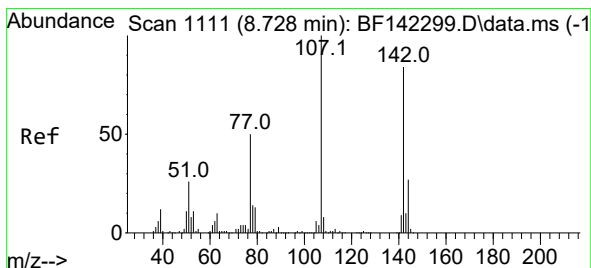
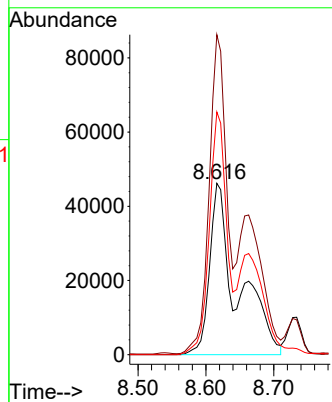
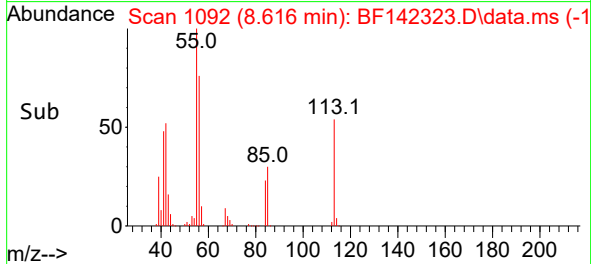


#35
Caprolactam
Concen: 42.405 ng m
RT: 8.616 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

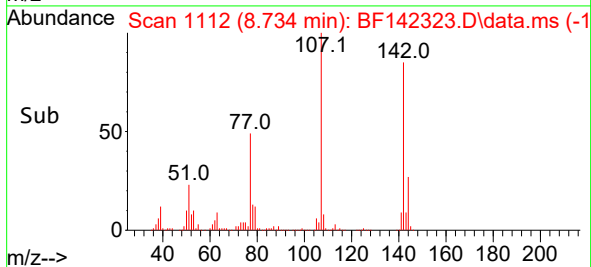
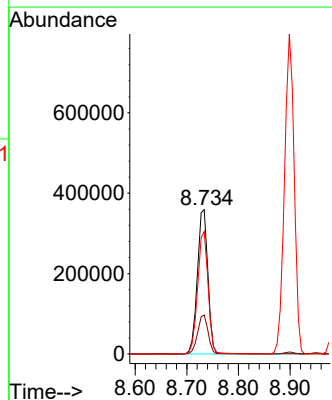
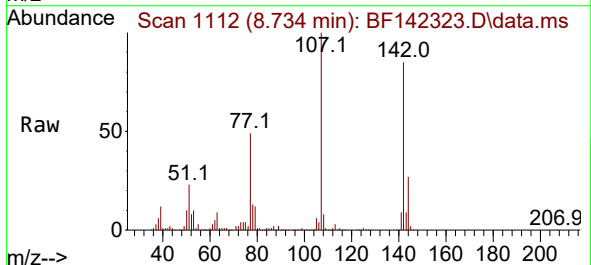


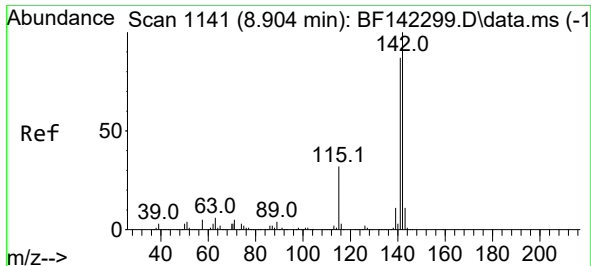
Tgt Ion:113 Resp: 131375
Ion Ratio Lower Upper
113 100
55 186.8 176.4 216.4
56 141.7 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 46.460 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:107 Resp: 513400
Ion Ratio Lower Upper
107 100
144 27.1 21.3 31.9
142 84.9 66.9 100.3

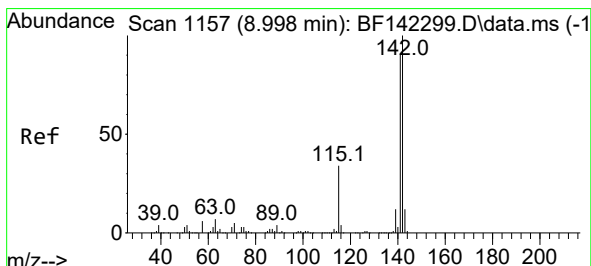
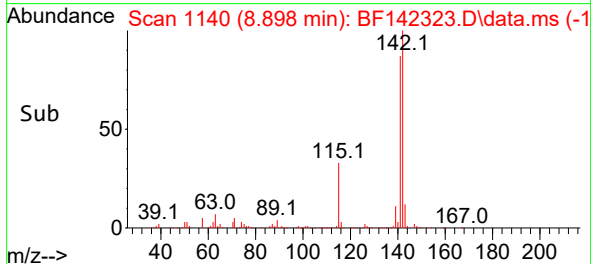
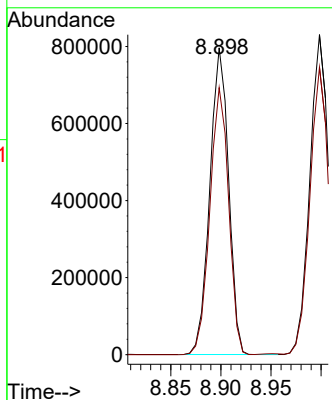
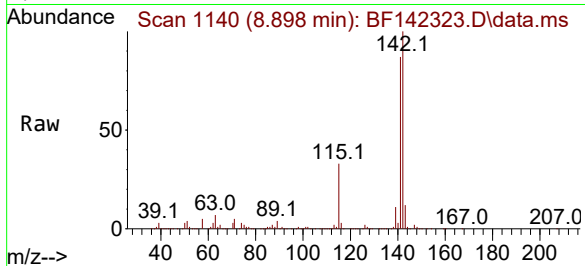




#37
2-Methylnaphthalene
Concen: 43.007 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

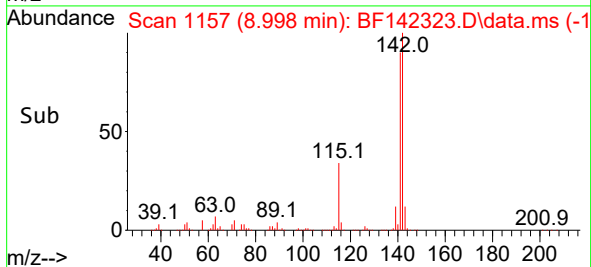
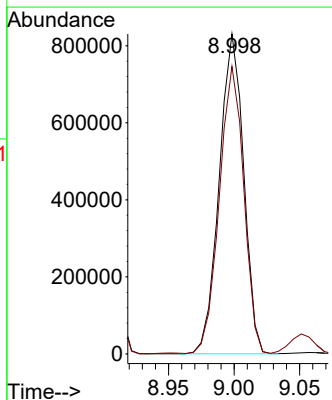
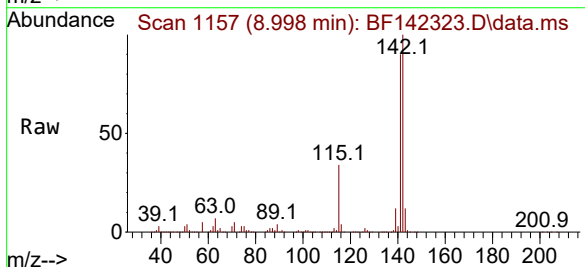
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

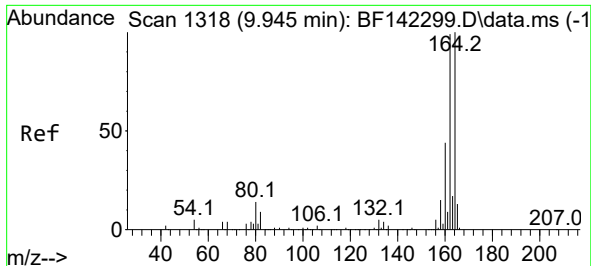
Tgt Ion:142 Resp: 1037372
Ion Ratio Lower Upper
142 100
141 87.1 69.4 104.2



#38
1-Methylnaphthalene
Concen: 42.681 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:142 Resp: 1073024
Ion Ratio Lower Upper
142 100
141 89.9 72.5 108.7

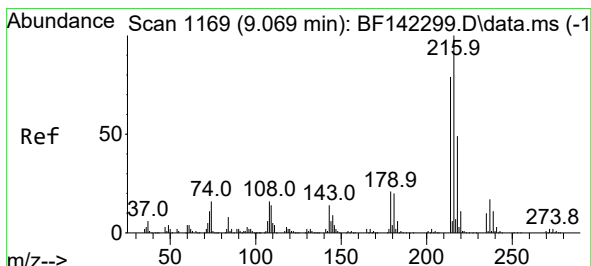
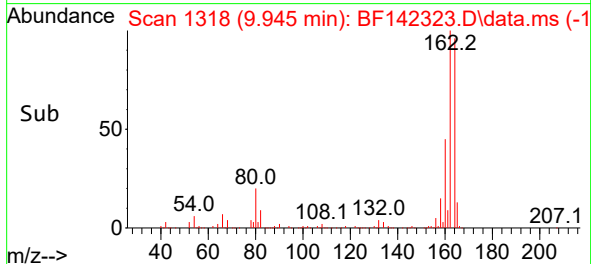
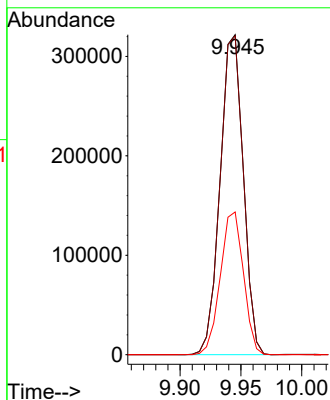
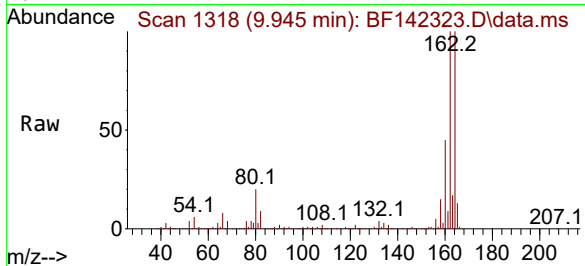




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

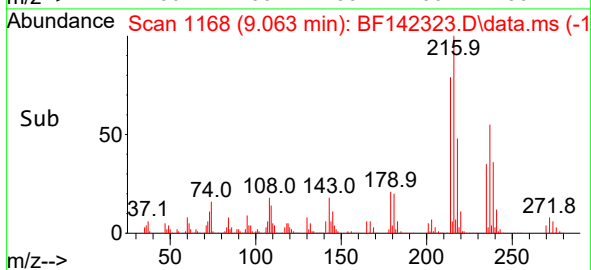
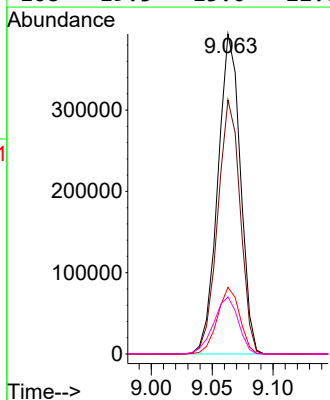
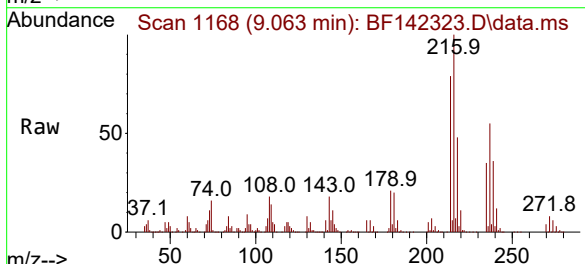
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

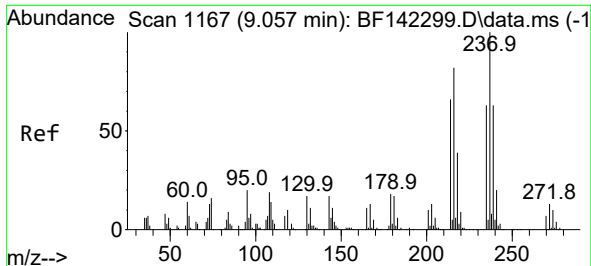
Tgt Ion:164 Resp: 426157
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 44.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.591 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:216 Resp: 506931
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 20.6 17.0 25.6
108 19.5 15.0 22.6

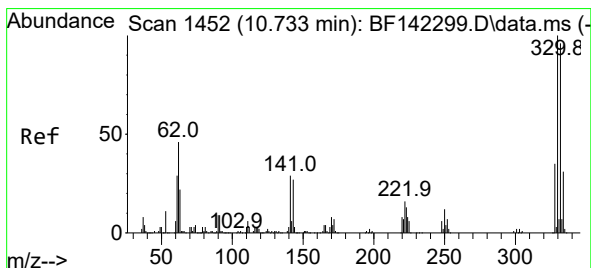
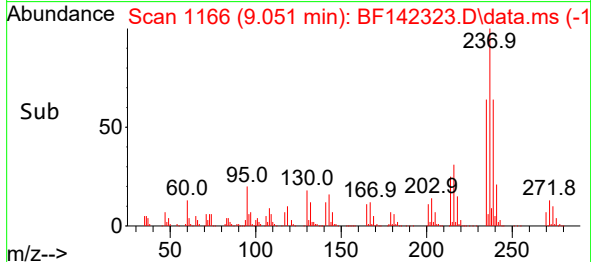
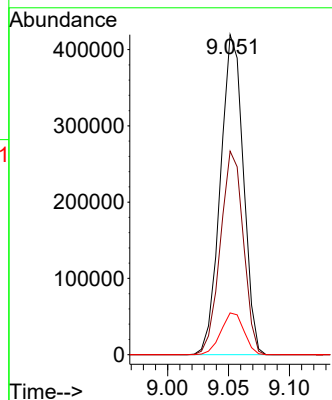
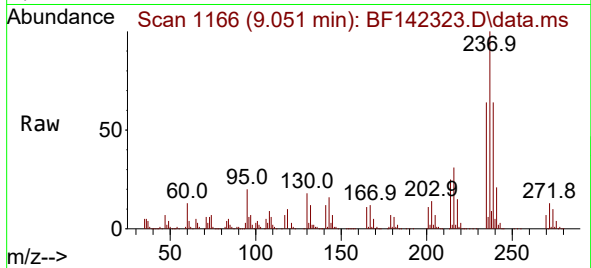




#41
Hexachlorocyclopentadiene
Concen: 74.848 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

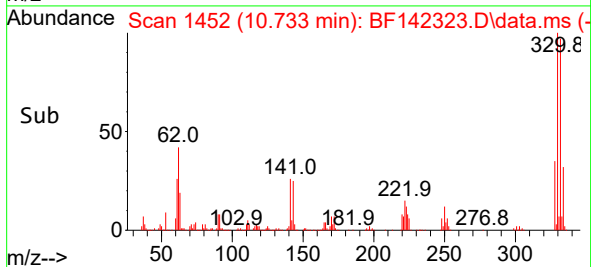
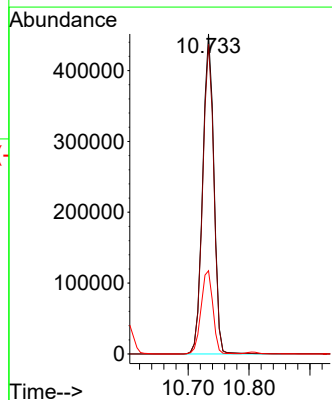
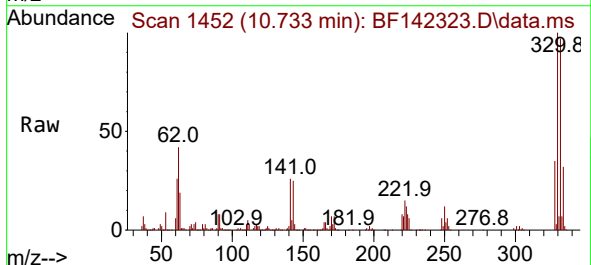
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

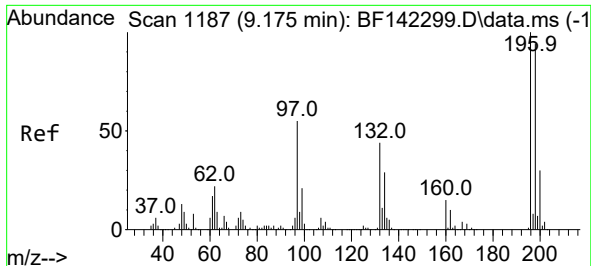
Tgt Ion:237 Resp: 550566
Ion Ratio Lower Upper
237 100
235 63.6 42.8 82.8
272 13.0 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 140.218 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:330 Resp: 576921
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 27.4 24.9 37.3

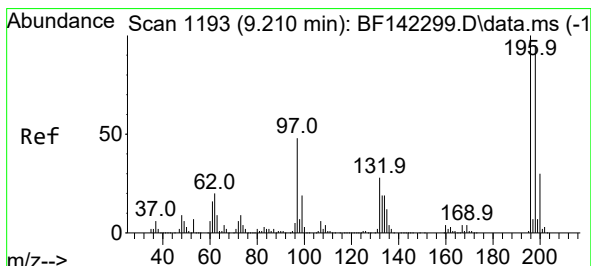
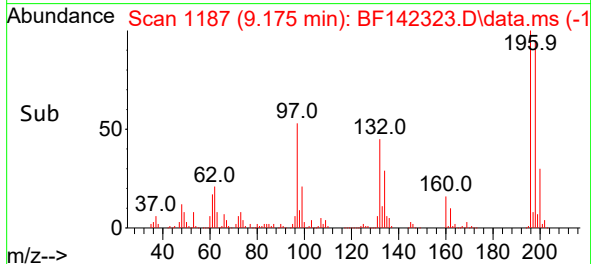
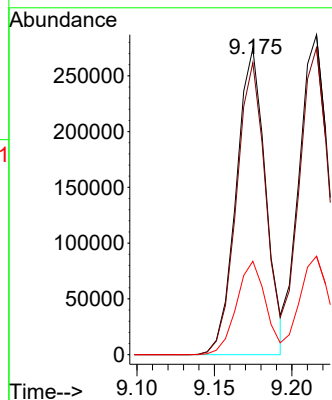
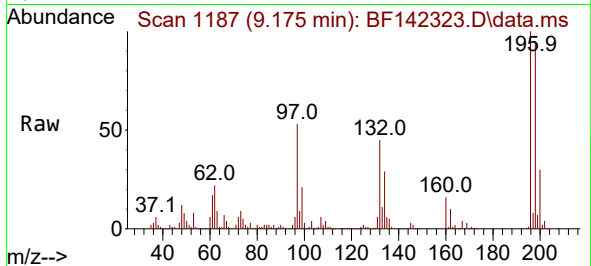




#43
 2,4,6-Trichlorophenol
 Concen: 48.149 ng
 RT: 9.175 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: BF142323.D
 Acq: 12 May 2025 16:40

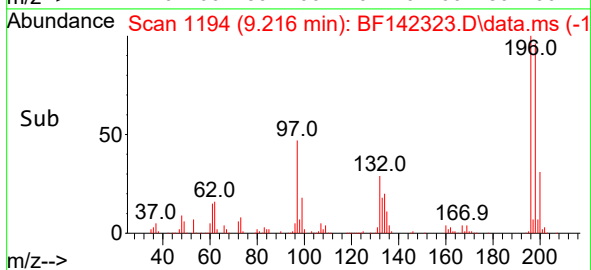
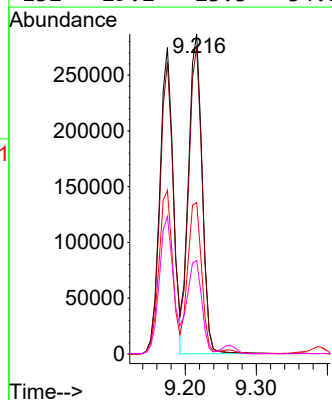
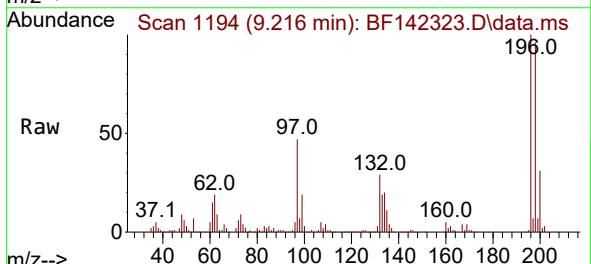
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MS

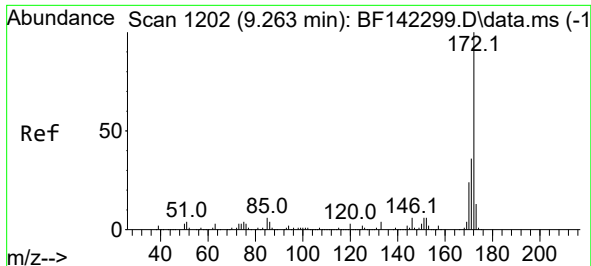
Tgt Ion:196 Resp: 361479
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.4 113.0
 200 30.5 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 47.791 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: BF142323.D
 Acq: 12 May 2025 16:40

Tgt Ion:196 Resp: 381755
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.1 114.1
 97 47.3 39.0 58.4
 132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 77.028 ng

RT: 9.263 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

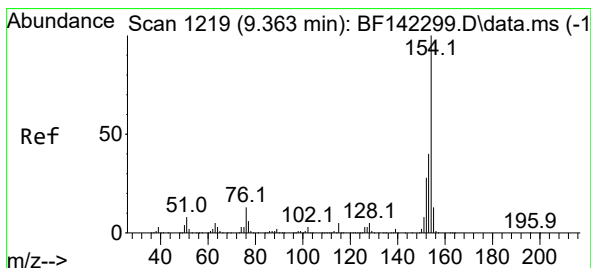
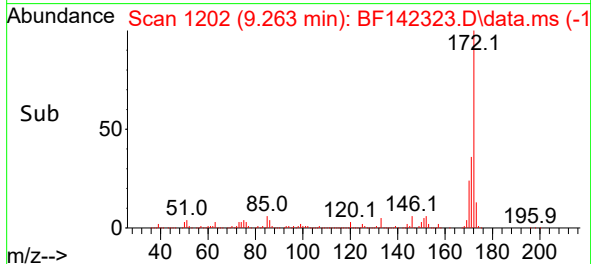
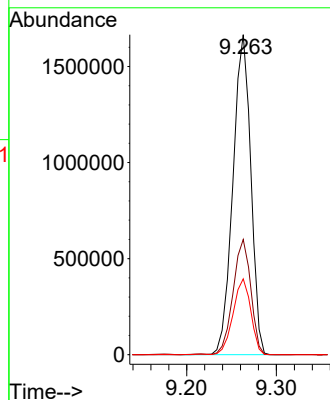
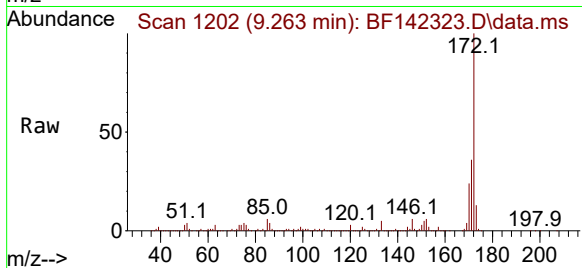
Tgt Ion:172 Resp: 2302153

Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 43.532 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

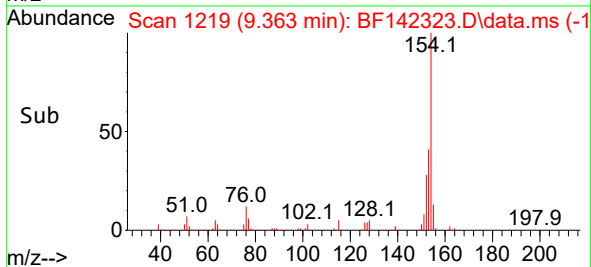
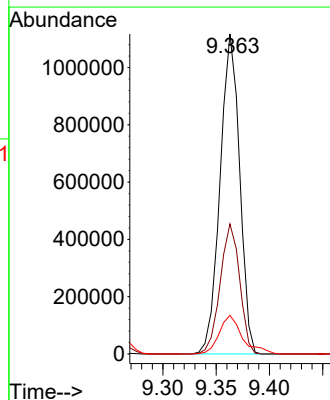
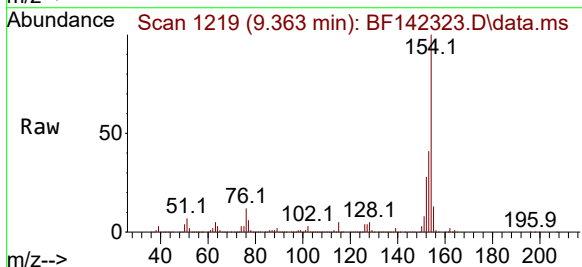
Tgt Ion:154 Resp: 1422411

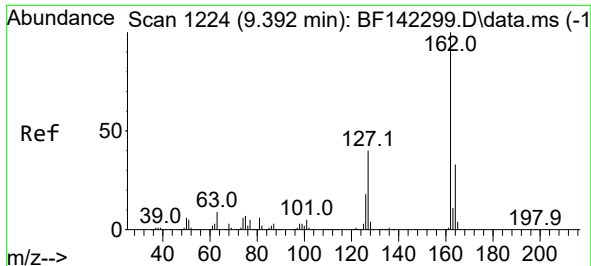
Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

76 12.0 0.0 32.8

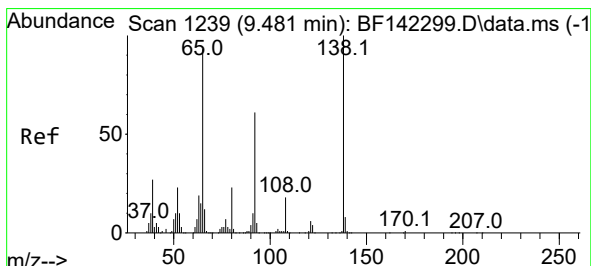
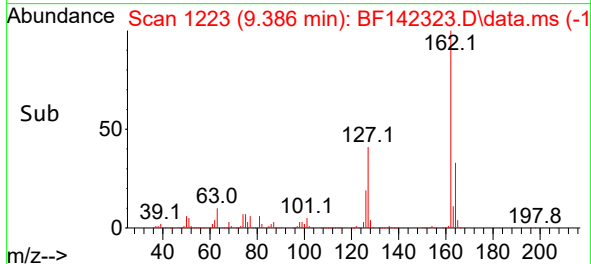
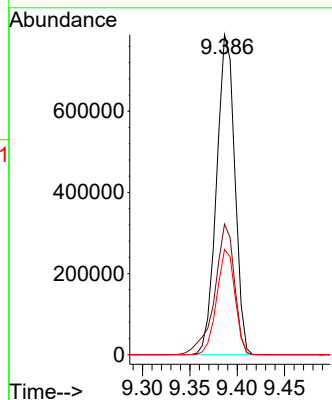
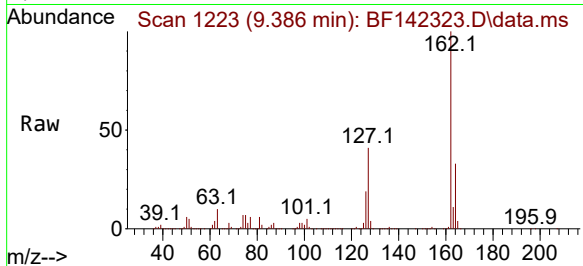




#47
2-Chloronaphthalene
Concen: 43.467 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

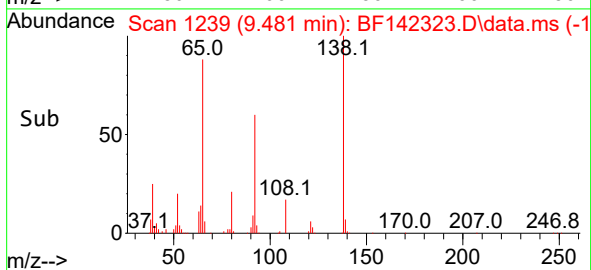
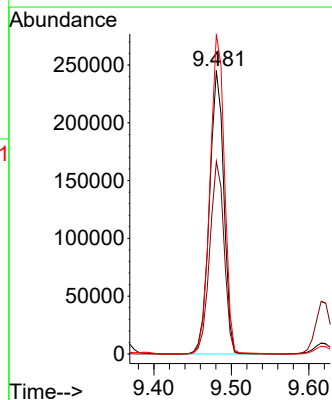
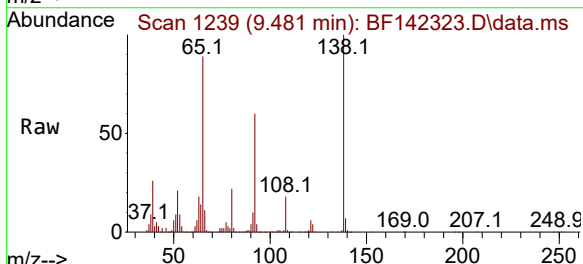
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

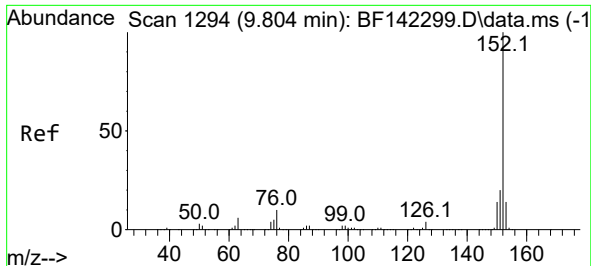
Tgt Ion:162 Resp: 1056244
Ion Ratio Lower Upper
162 100
127 40.8 32.3 48.5
164 32.8 26.6 40.0



#48
2-Nitroaniline
Concen: 50.666 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion: 65 Resp: 315573
Ion Ratio Lower Upper
65 100
92 67.9 52.3 78.5
138 112.9 85.6 128.4





#49

Acenaphthylene

Concen: 44.057 ng

RT: 9.804 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

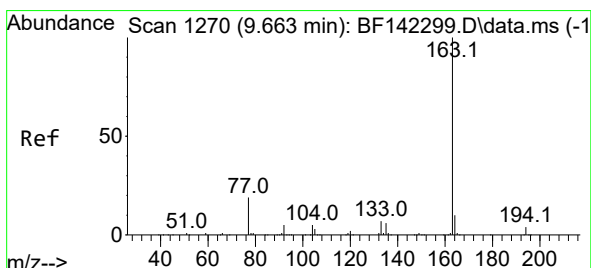
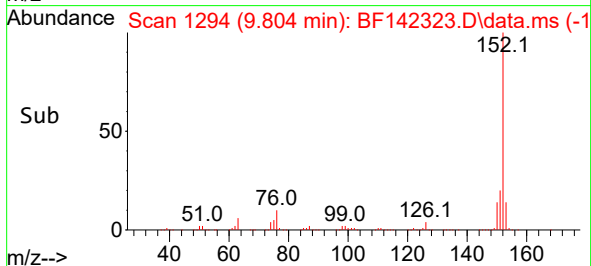
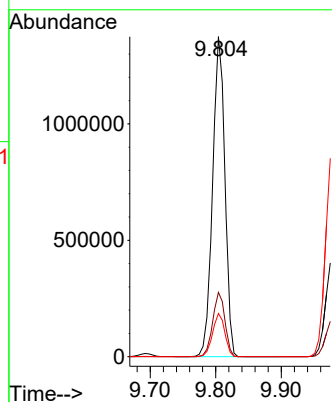
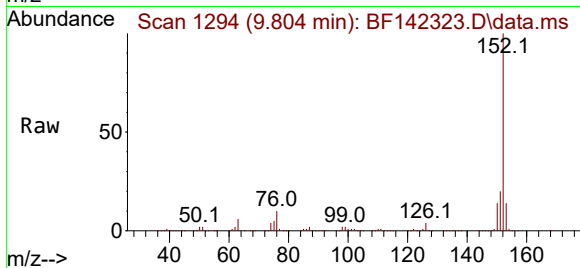
Tgt Ion:152 Resp: 1790929

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 47.119 ng

RT: 9.663 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

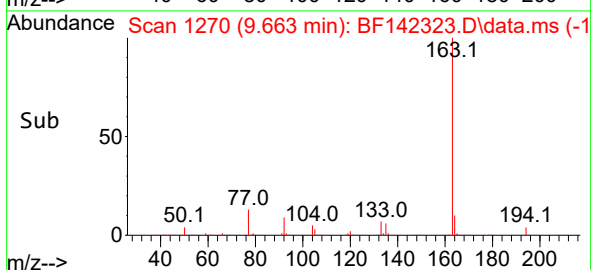
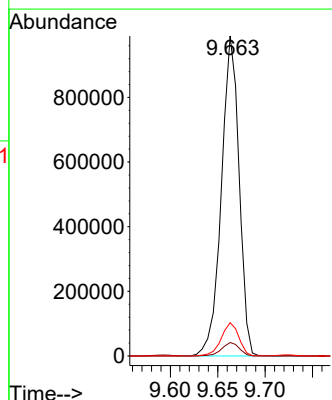
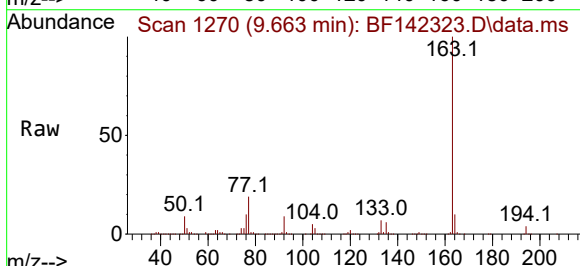
Tgt Ion:163 Resp: 1289412

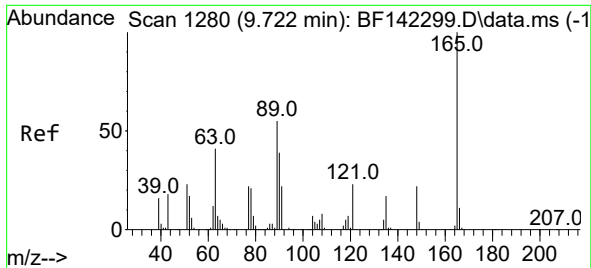
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.4 8.3 12.5

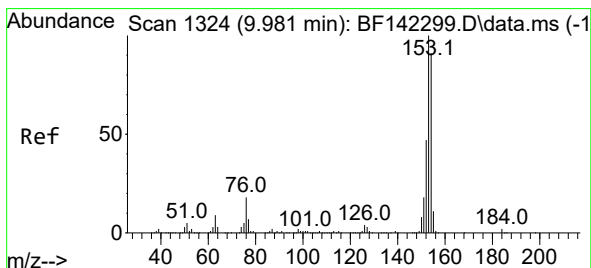
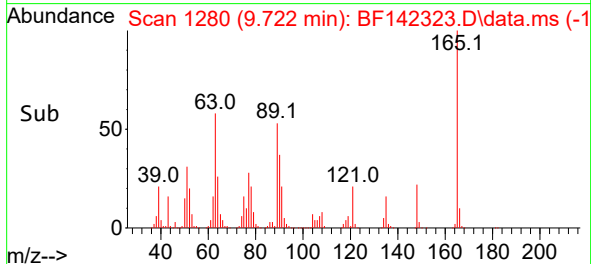
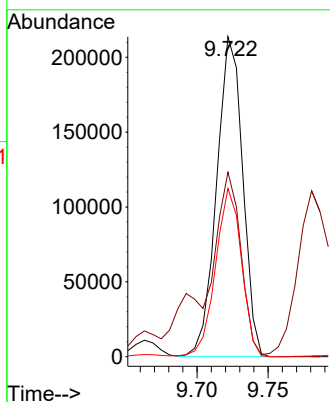
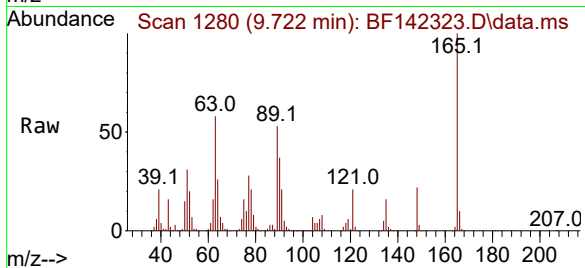




#51
2,6-Dinitrotoluene
Concen: 53.295 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

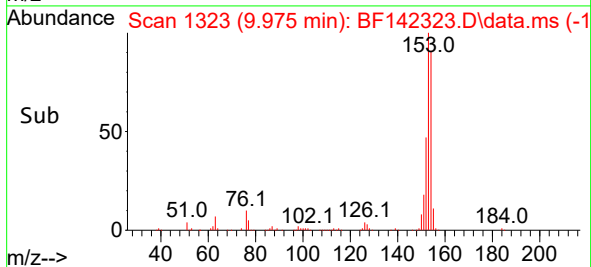
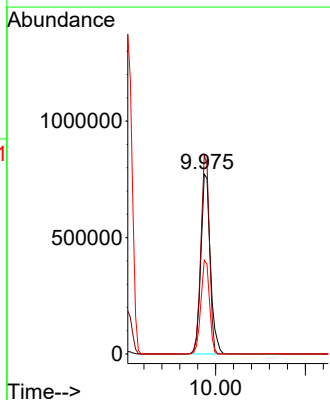
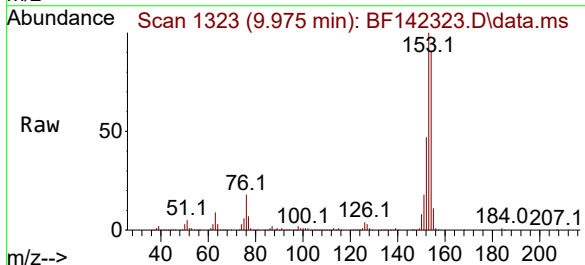
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

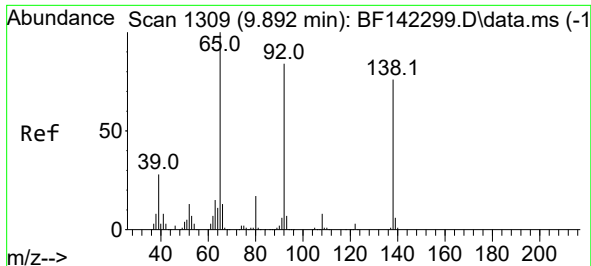
Tgt Ion:165 Resp: 272987
Ion Ratio Lower Upper
165 100
63 57.6 49.5 74.3
89 52.5 44.6 66.8



#52
Acenaphthene
Concen: 46.531 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:154 Resp: 1137318
Ion Ratio Lower Upper
154 100
153 110.4 88.0 132.0
152 52.2 41.6 62.4

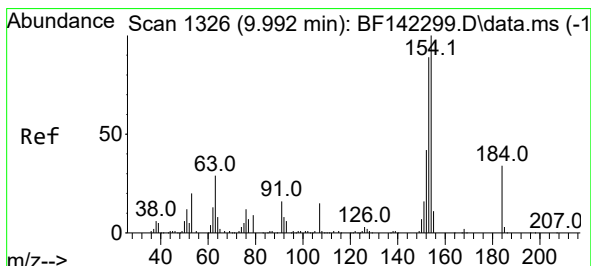
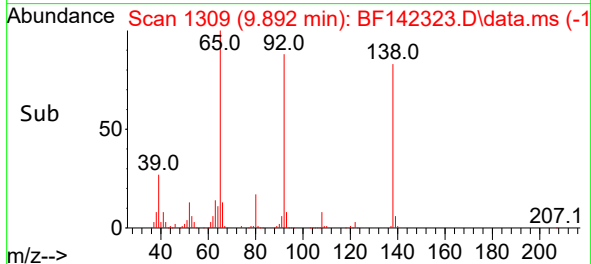
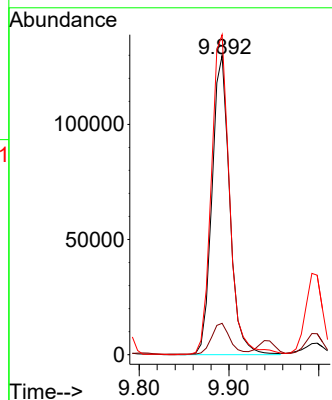
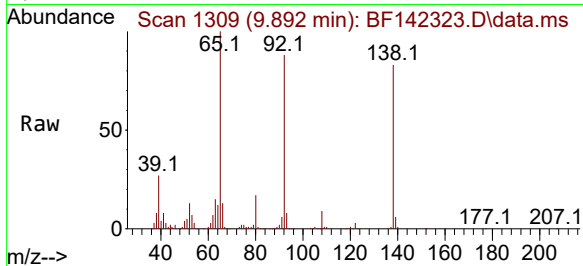




#53
3-Nitroaniline
Concen: 29.635 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

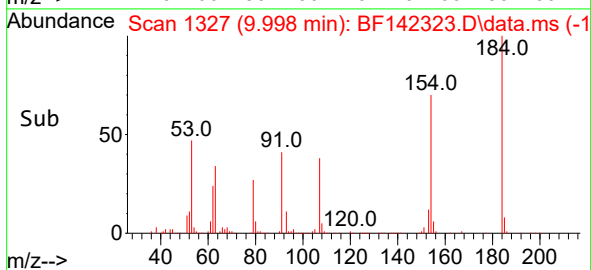
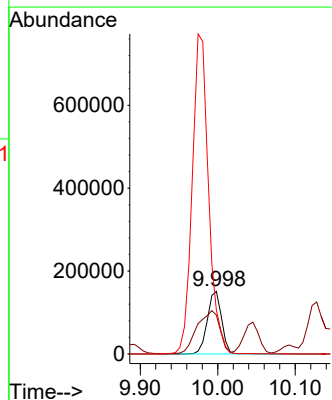
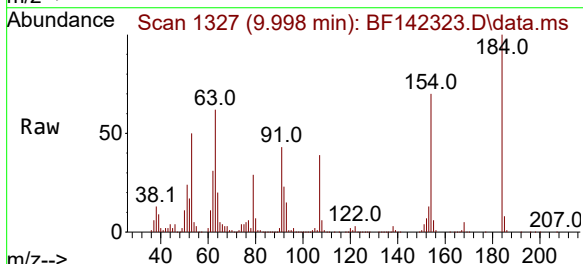
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

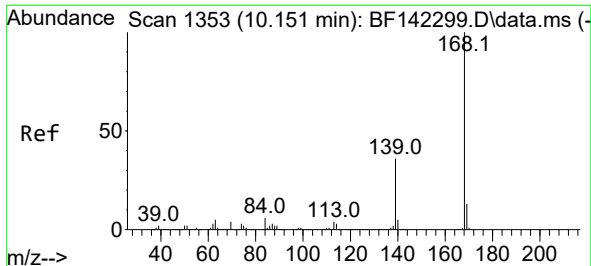
Tgt Ion:138 Resp: 178030
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 106.9 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 72.843 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:184 Resp: 193169
Ion Ratio Lower Upper
184 100
63 62.0 70.6 105.8#
154 70.2 257.2 385.8#

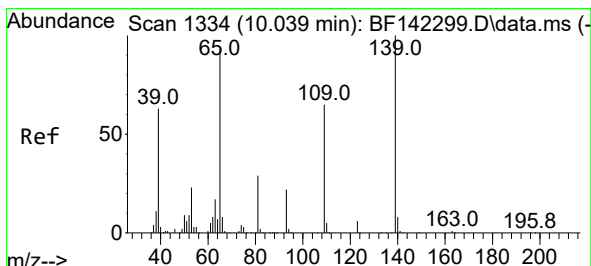
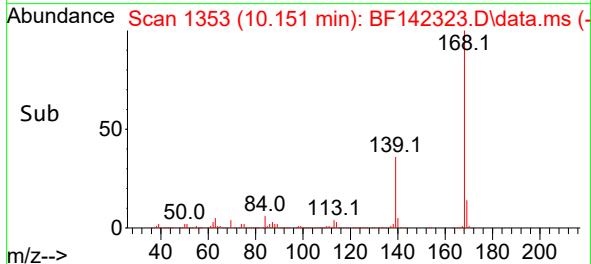
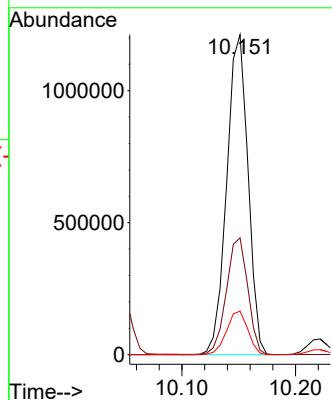
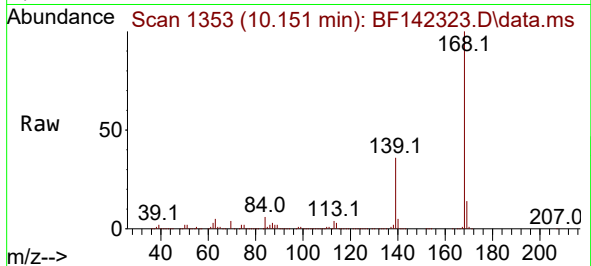




#55
Dibenzofuran
Concen: 43.726 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

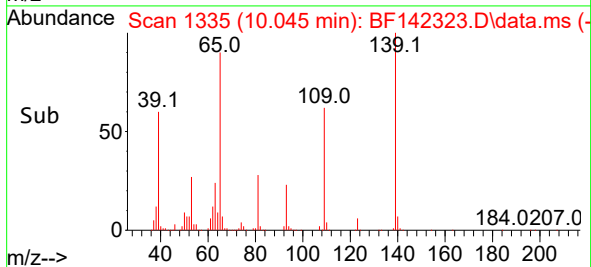
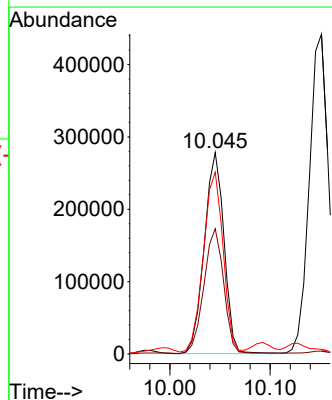
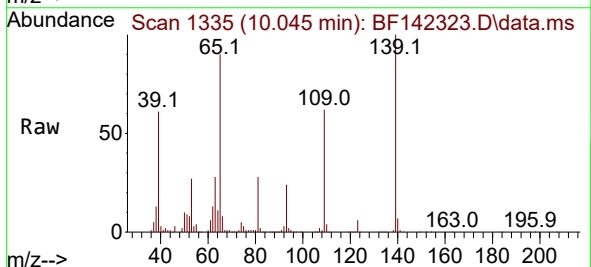
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

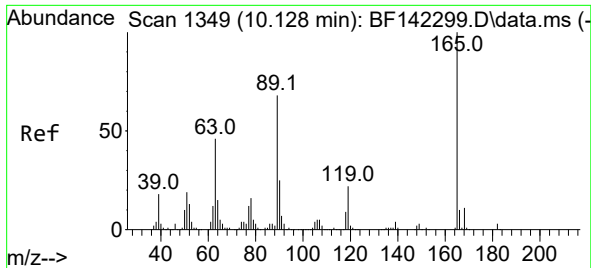
Tgt Ion:168 Resp: 1577326
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 84.271 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:139 Resp: 381011
Ion Ratio Lower Upper
139 100
109 62.2 45.3 85.3
65 90.2 73.9 113.9

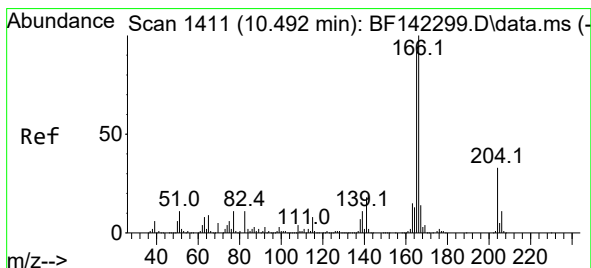
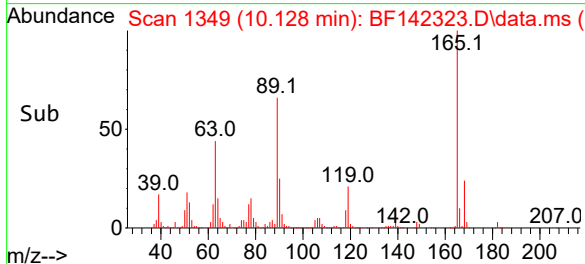
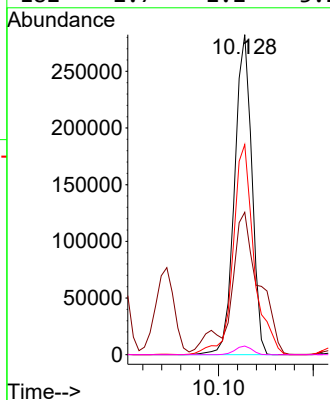
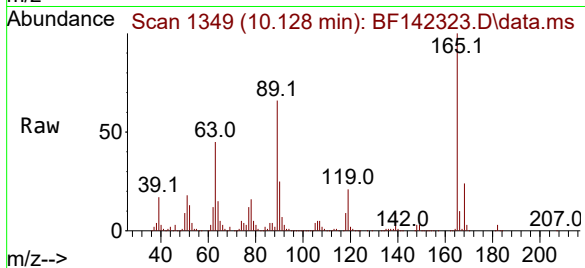




#57
2,4-Dinitrotoluene
Concen: 54.357 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

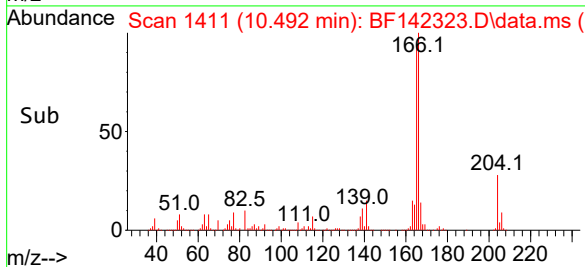
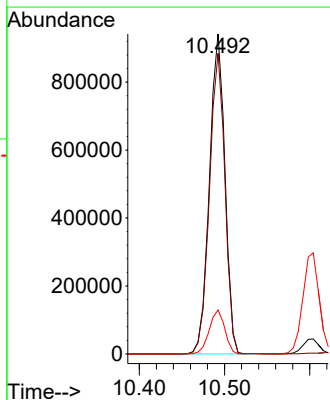
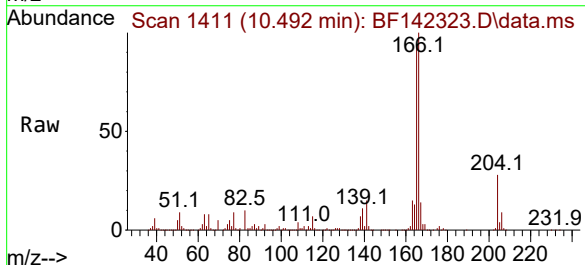
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

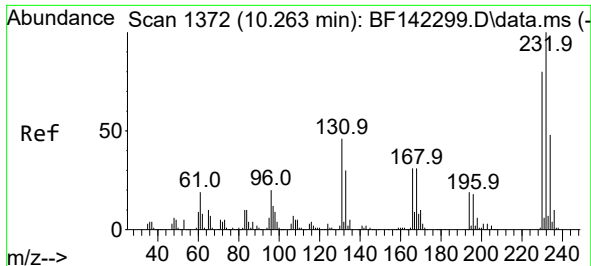
Tgt Ion:165 Resp: 357145
Ion Ratio Lower Upper
165 100
63 44.5 37.1 55.7
89 65.7 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.283 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:166 Resp: 1191543
Ion Ratio Lower Upper
166 100
165 93.9 74.0 111.0
167 13.7 10.9 16.3

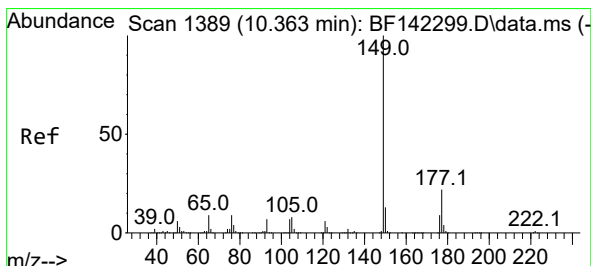
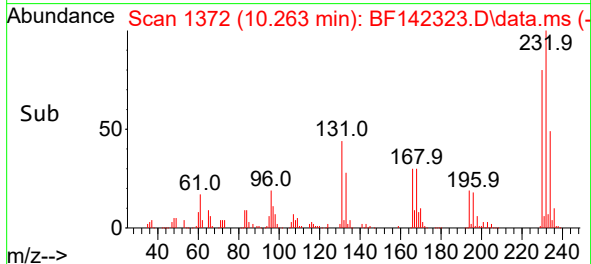
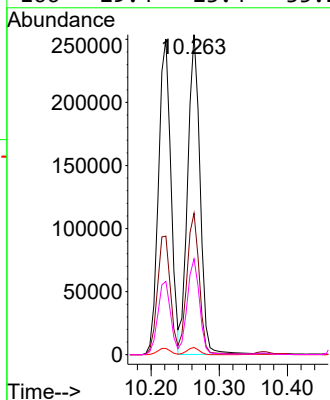
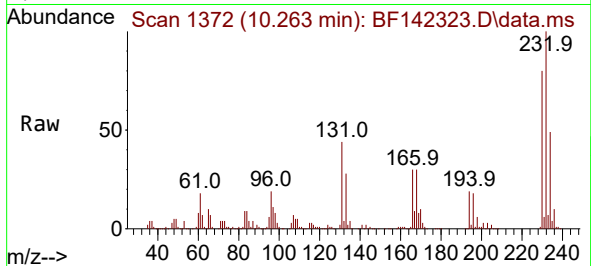




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.123 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

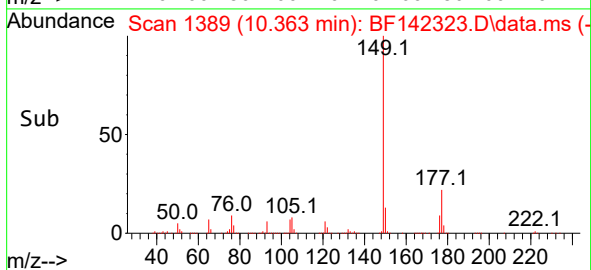
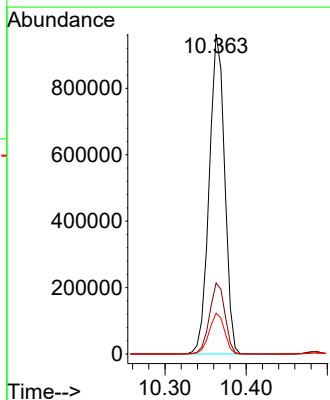
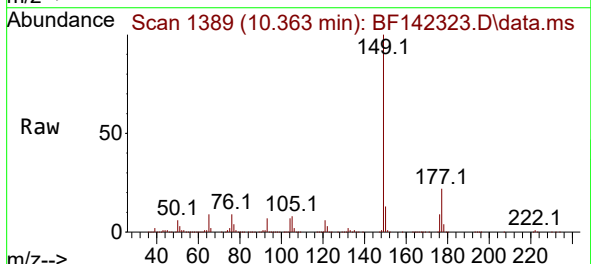
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

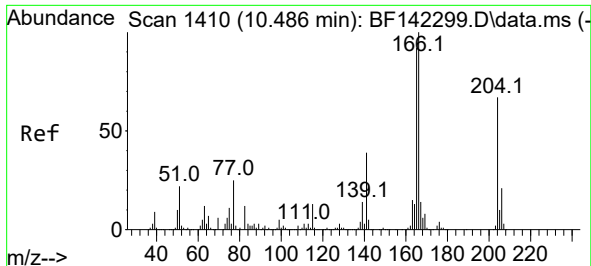
Tgt Ion:232 Resp: 317337
Ion Ratio Lower Upper
232 100
131 44.3 36.0 54.0
130 2.2 1.8 2.6
166 29.4 23.4 35.2



#60
Diethylphthalate
Concen: 46.266 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:149 Resp: 1264355
Ion Ratio Lower Upper
149 100
177 22.2 17.6 26.4
150 12.8 10.1 15.1

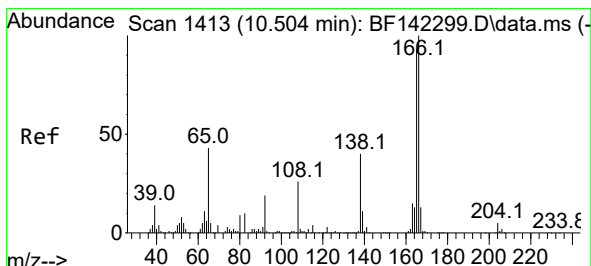
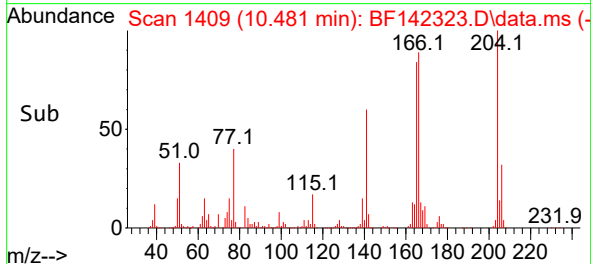
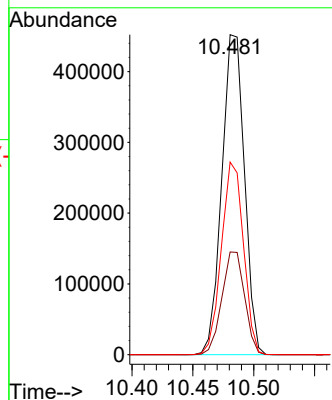
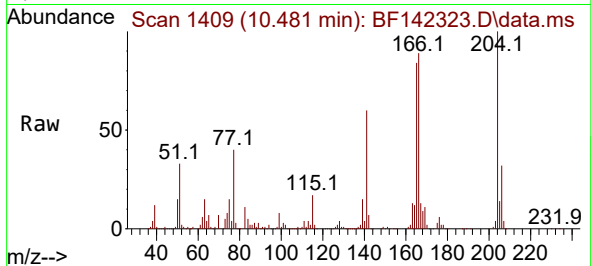




#61
4-Chlorophenyl-phenylether
Concen: 44.116 ng
RT: 10.481 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

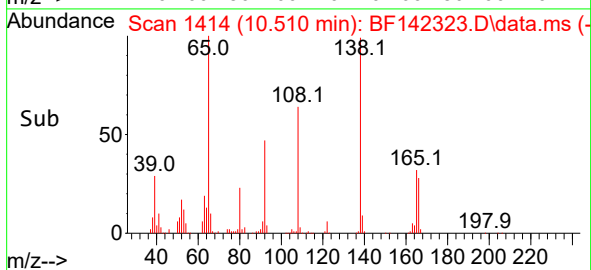
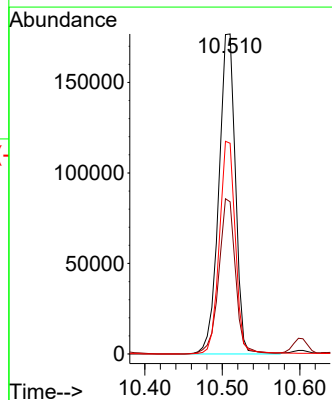
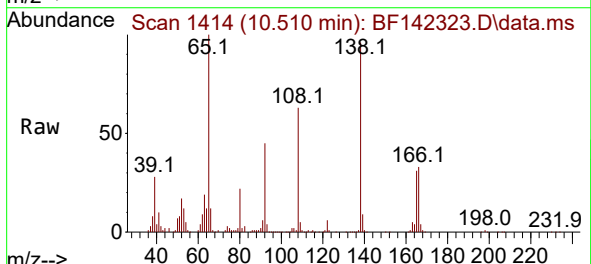
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

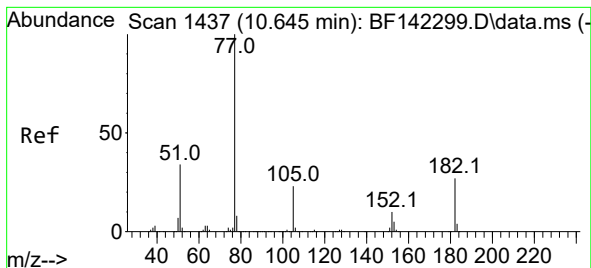
Tgt Ion:204 Resp: 585930
Ion Ratio Lower Upper
204 100
206 32.1 25.5 38.3
141 60.2 46.4 69.6



#62
4-Nitroaniline
Concen: 55.300 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:138 Resp: 263296
Ion Ratio Lower Upper
138 100
92 47.6 27.3 67.3
108 65.8 45.1 85.1





#63

Azobenzene

Concen: 43.994 ng

RT: 10.645 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

Tgt Ion: 77 Resp: 1148861

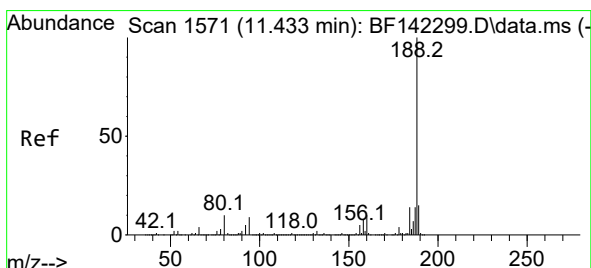
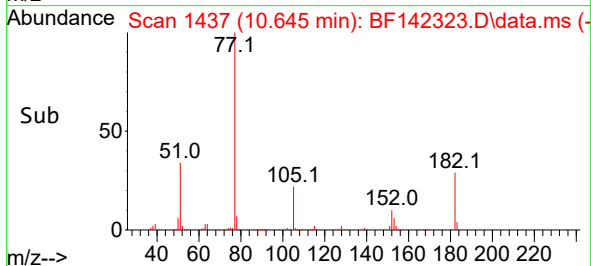
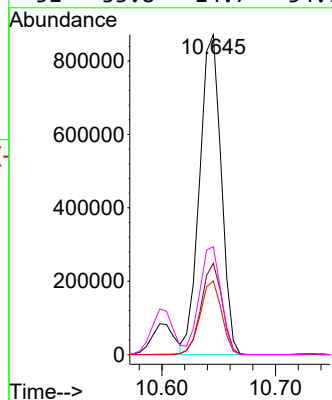
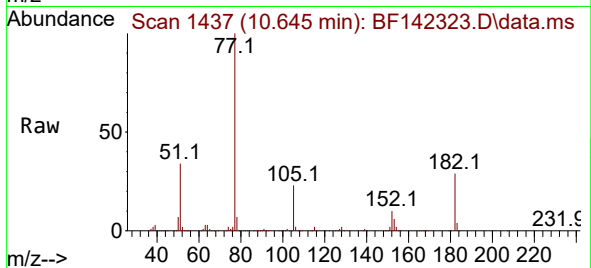
Ion Ratio Lower Upper

77 100

182 28.6 6.9 46.9

105 23.1 2.7 42.7

51 33.8 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

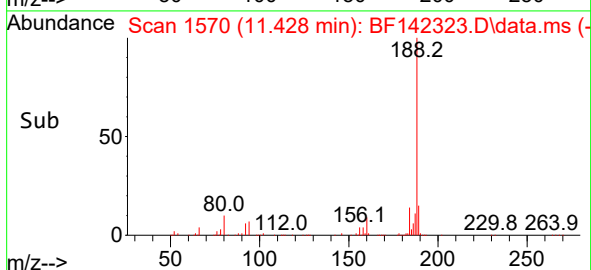
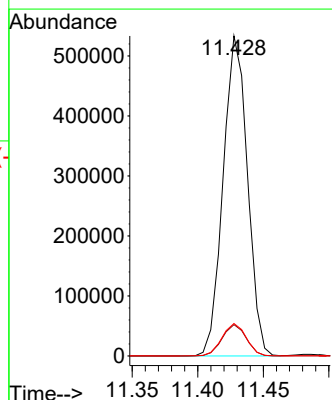
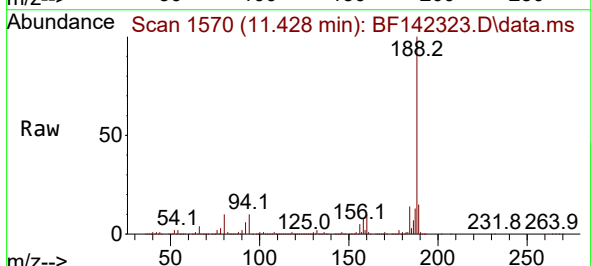
Tgt Ion: 188 Resp: 688489

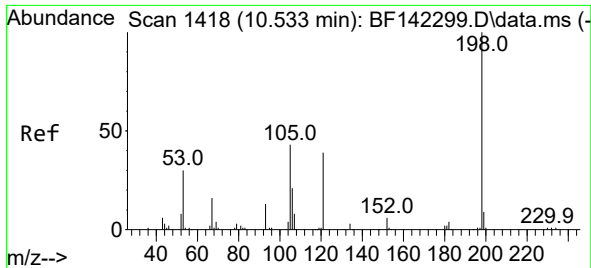
Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.2 7.9 11.9

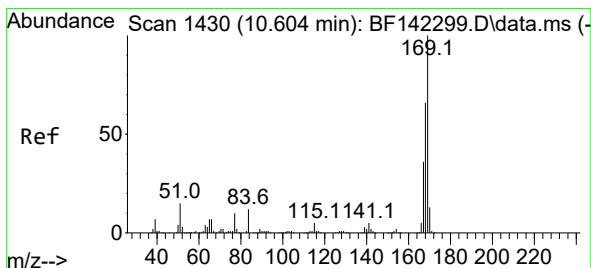
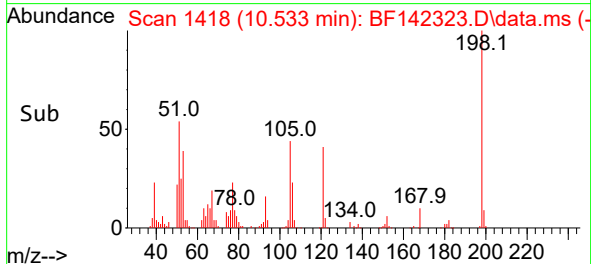
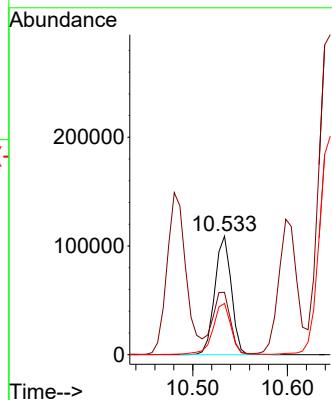
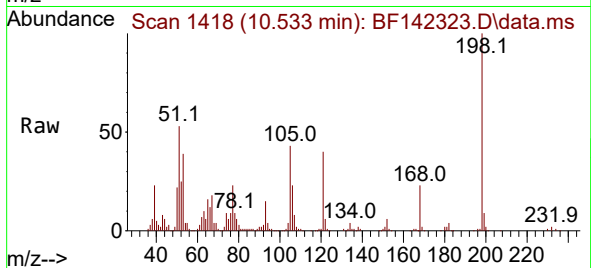




#65
4,6-Dinitro-2-methylphenol
Concen: 42.203 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

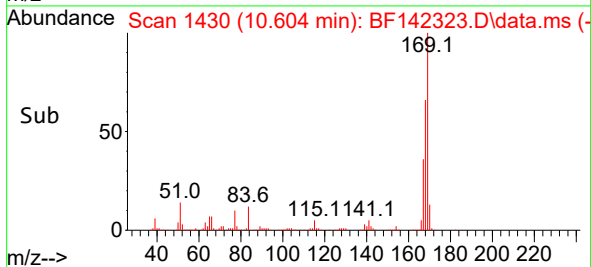
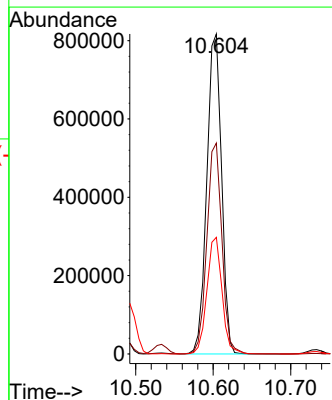
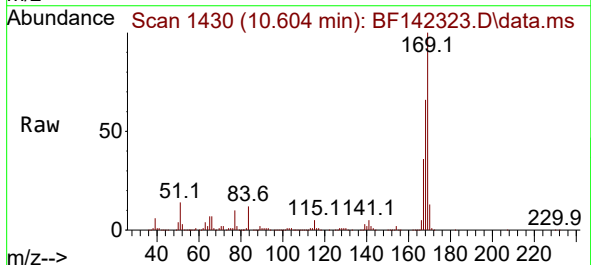
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

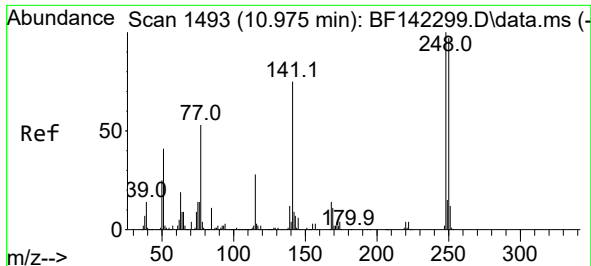
Tgt Ion:198 Resp: 132169
Ion Ratio Lower Upper
198 100
51 52.7 32.9 72.9
105 43.1 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 47.046 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:169 Resp: 1077843
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.4 28.9 43.3

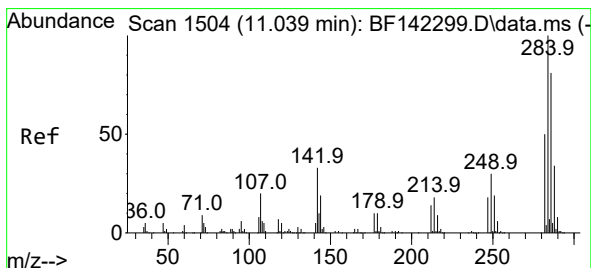
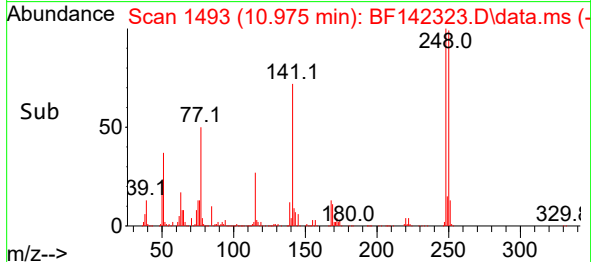
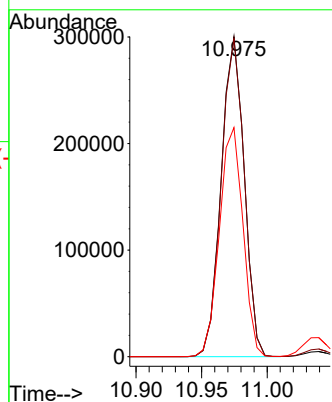
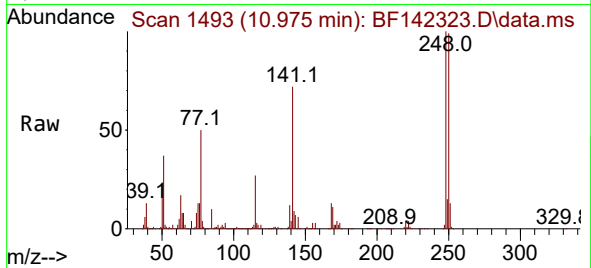




#67
4-Bromophenyl-phenylether
Concen: 47.044 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

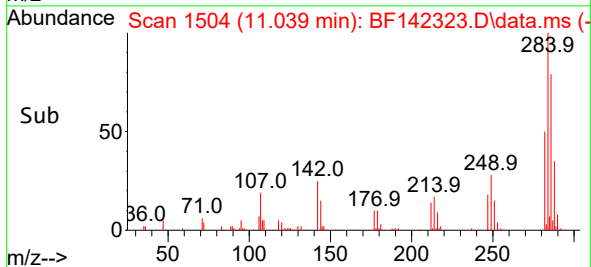
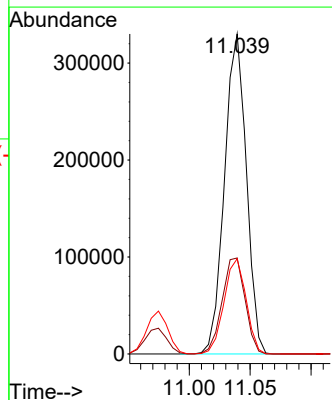
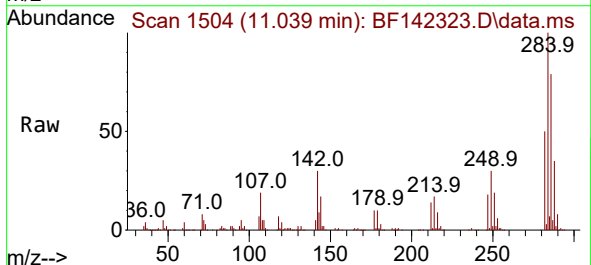
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

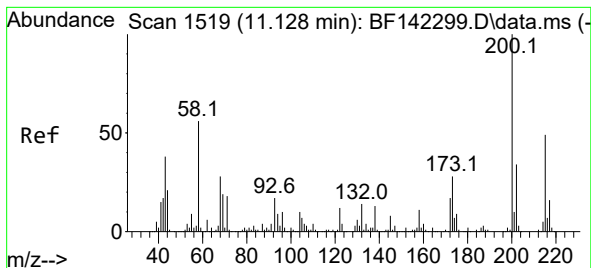
Tgt Ion:248 Resp: 367082
Ion Ratio Lower Upper
248 100
250 99.5 77.9 116.9
141 71.6 59.8 89.8



#68
Hexachlorobenzene
Concen: 47.987 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:284 Resp: 411874
Ion Ratio Lower Upper
284 100
142 30.0 26.6 39.8
249 29.8 24.1 36.1





#69

Atrazine

Concen: 52.968 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

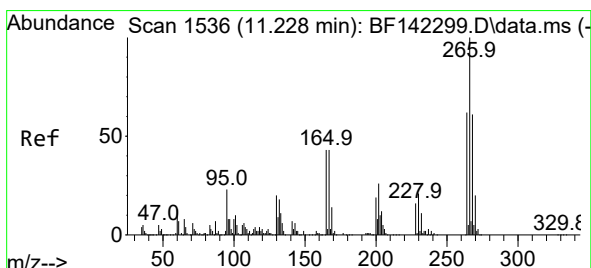
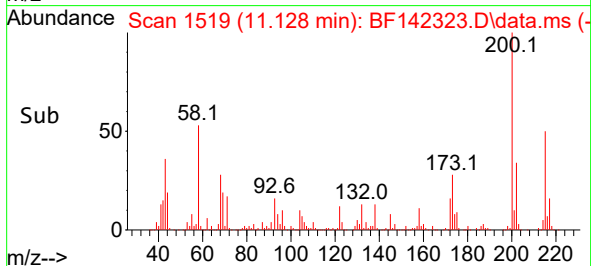
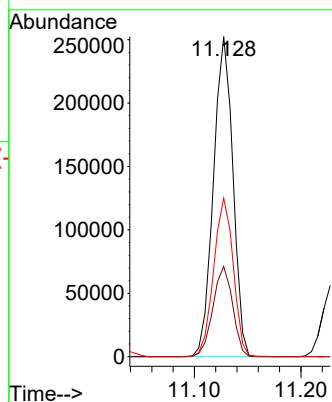
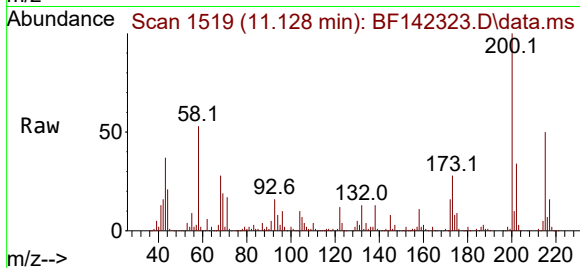
Tgt Ion:200 Resp: 319886

Ion Ratio Lower Upper

200 100

173 28.2 8.1 48.1

215 49.5 28.8 68.8



#70

Pentachlorophenol

Concen: 95.948 ng

RT: 11.228 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

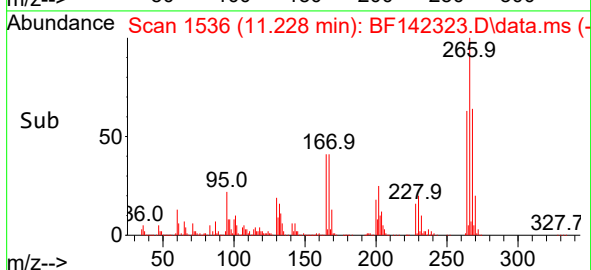
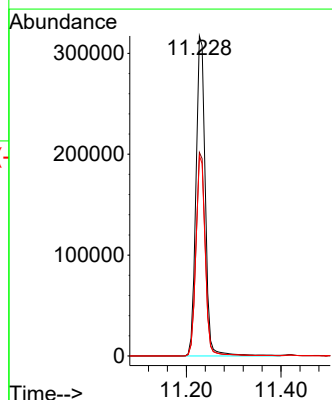
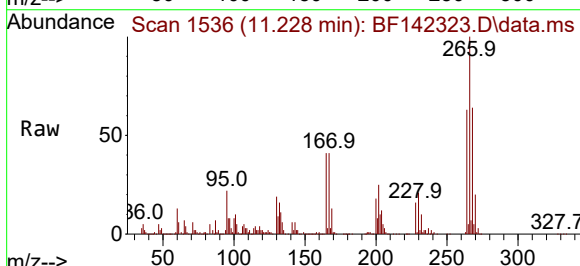
Tgt Ion:266 Resp: 433230

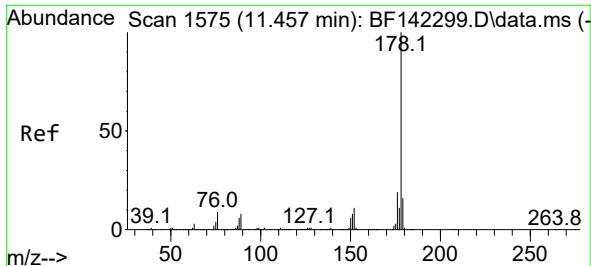
Ion Ratio Lower Upper

266 100

268 63.6 48.7 73.1

264 62.5 49.8 74.6

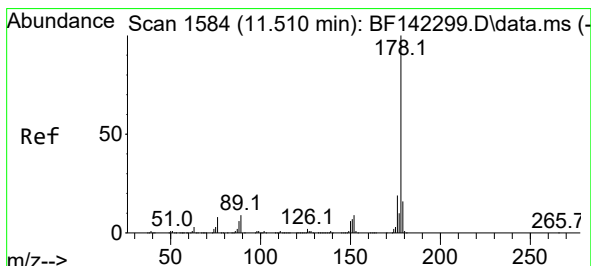
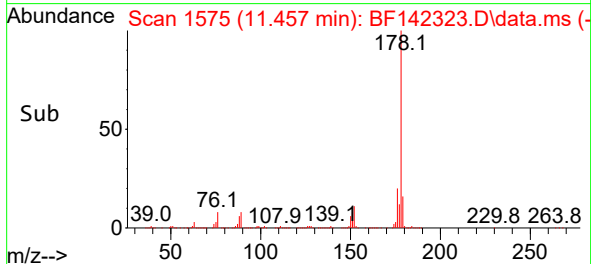
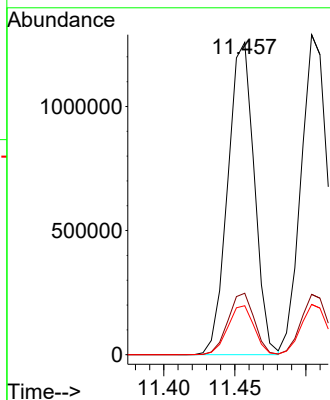
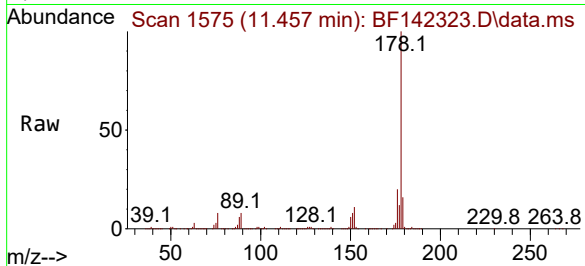




#71
Phenanthrene
Concen: 45.263 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

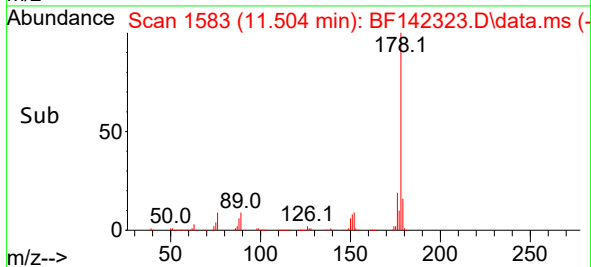
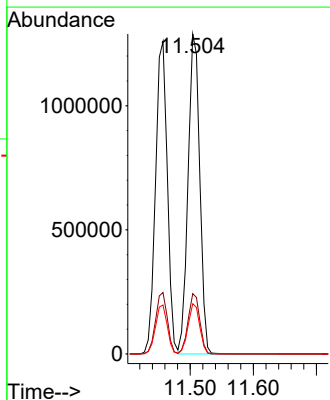
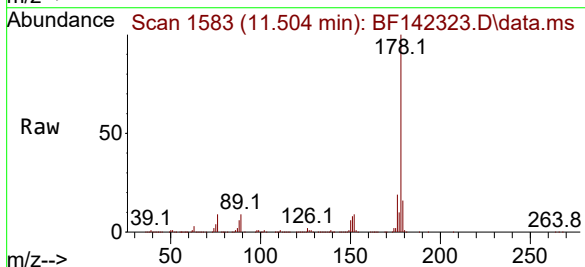
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

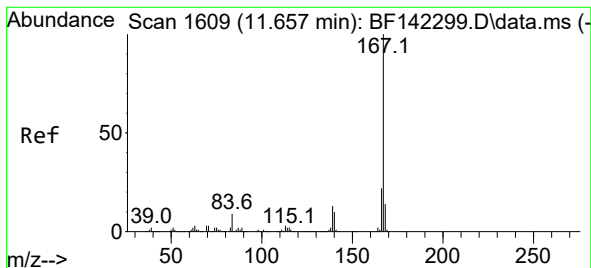
Tgt Ion:178 Resp: 1633498
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 12.6 18.8



#72
Anthracene
Concen: 44.792 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:178 Resp: 1660941
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.7 12.6 18.8





#73

Carbazole

Concen: 43.854 ng

RT: 11.657 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

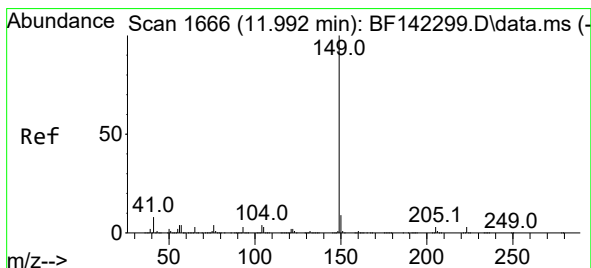
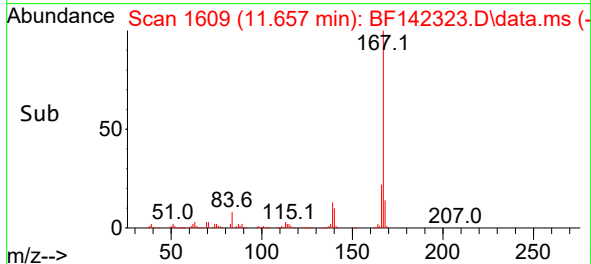
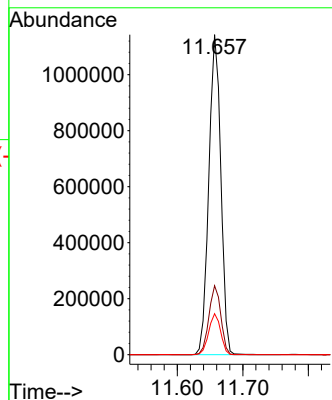
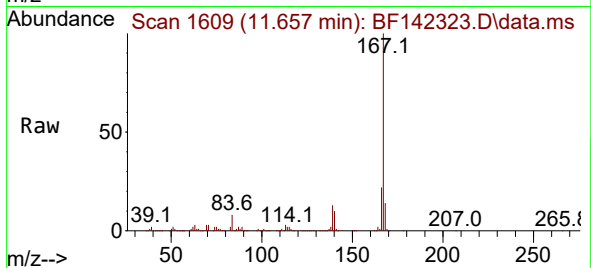
Tgt Ion:167 Resp: 1458936

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 51.547 ng

RT: 11.992 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

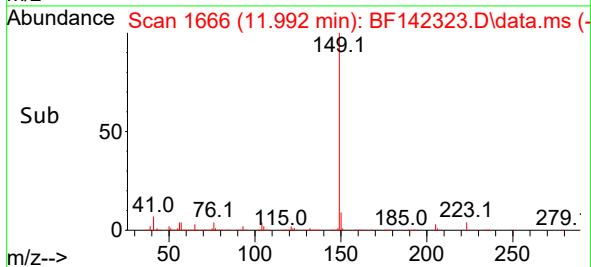
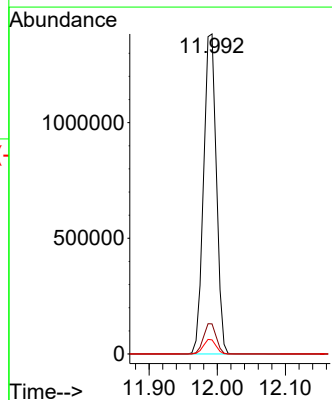
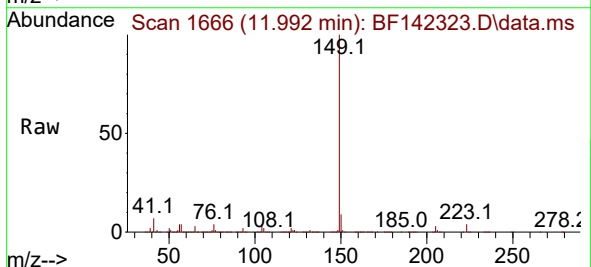
Tgt Ion:149 Resp: 1803231

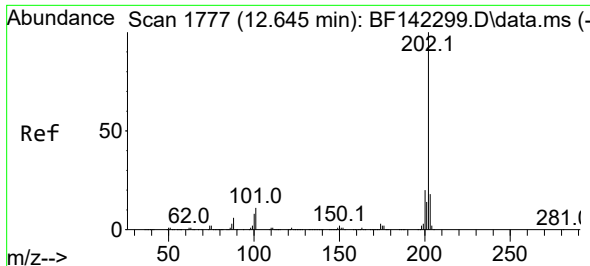
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.4 3.6 5.4

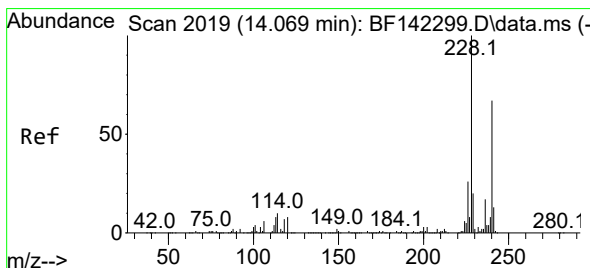
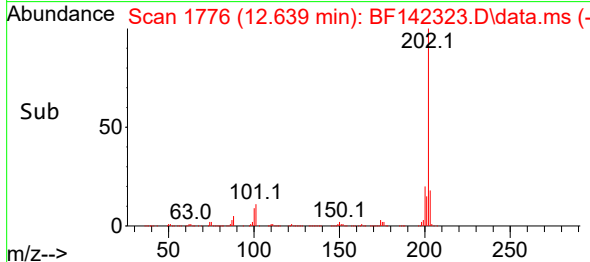
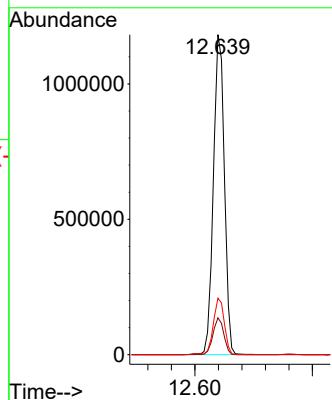
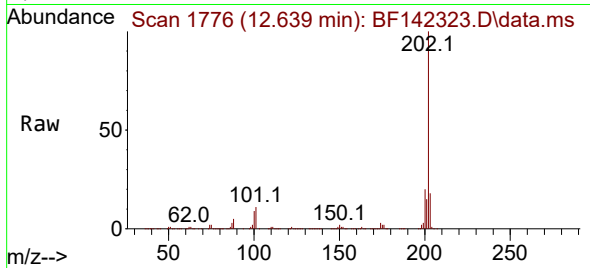




#75
Fluoranthene
Concen: 42.425 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

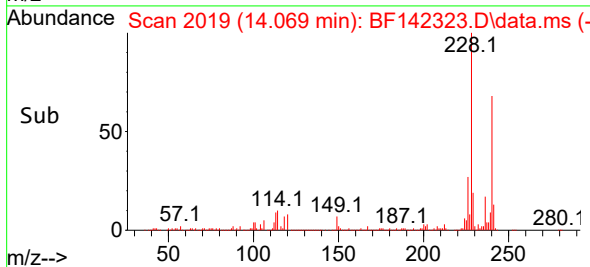
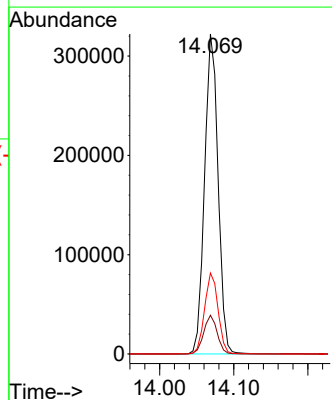
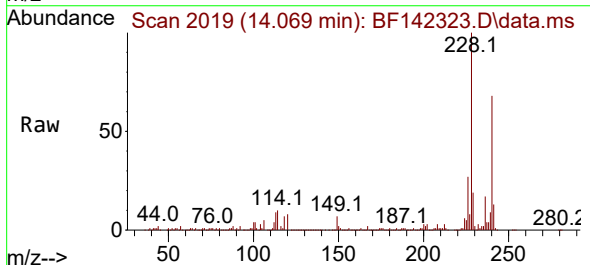
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

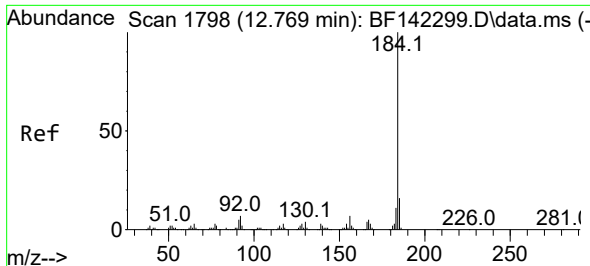
Tgt Ion:202 Resp: 1530486
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:240 Resp: 407931
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 25.3 20.0 30.0

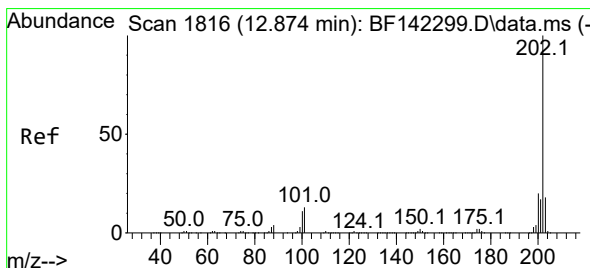
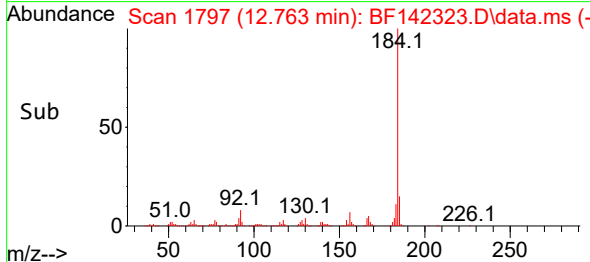
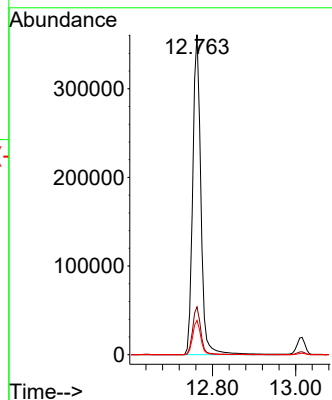
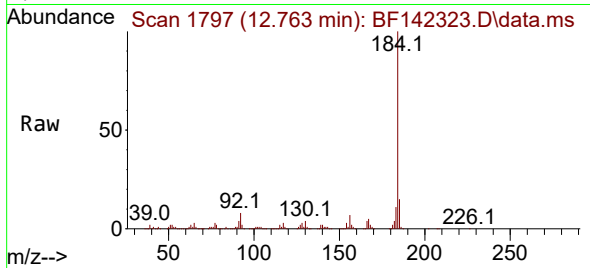




#77
Benzidine
Concen: 66.095 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

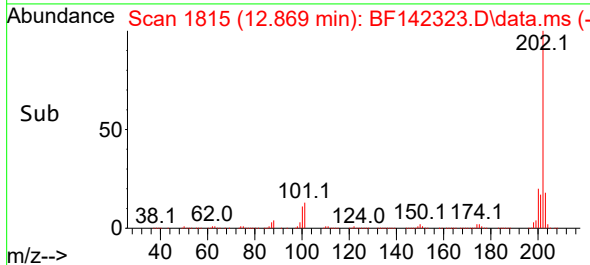
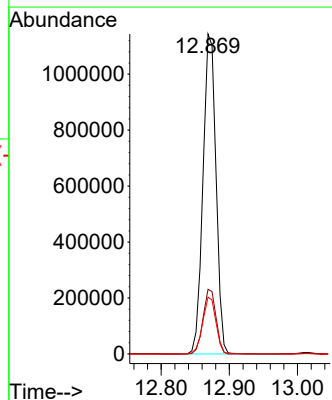
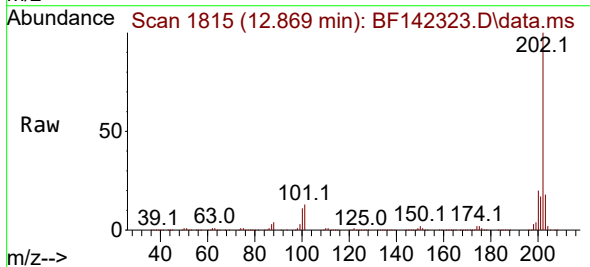
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

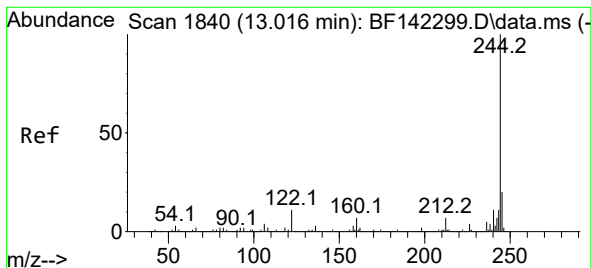
Tgt Ion:184 Resp: 489982
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 10.7 8.6 12.8



#78
Pyrene
Concen: 41.779 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:202 Resp: 1516988
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 74.856 ng

RT: 13.016 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

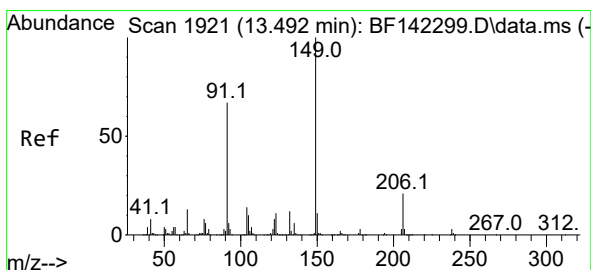
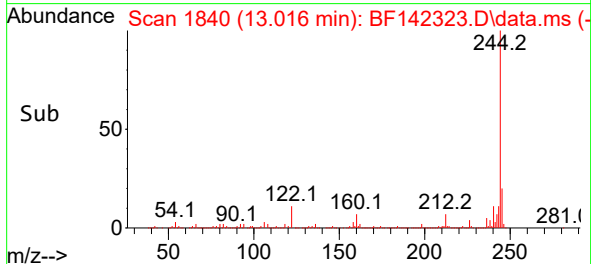
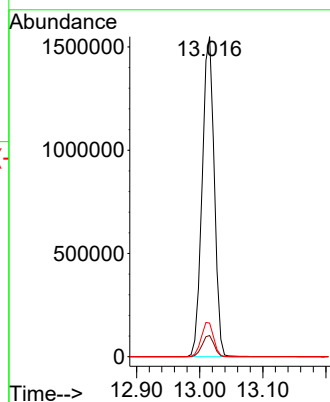
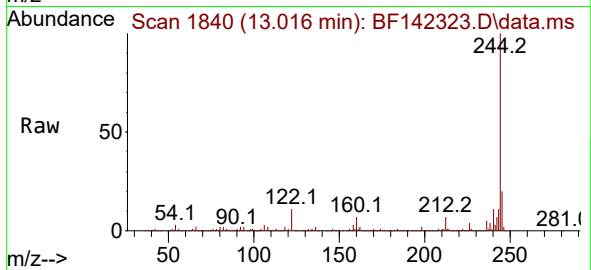
Tgt Ion:244 Resp: 2063091

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 54.177 ng

RT: 13.492 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

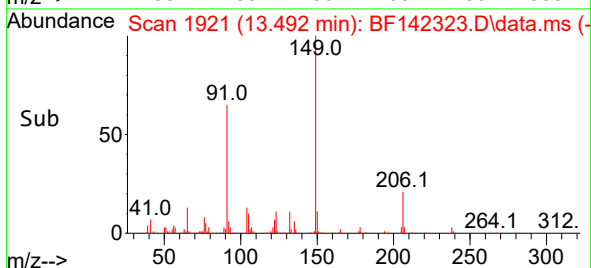
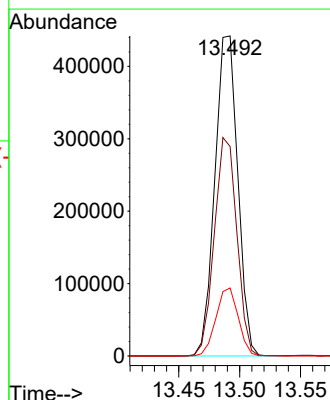
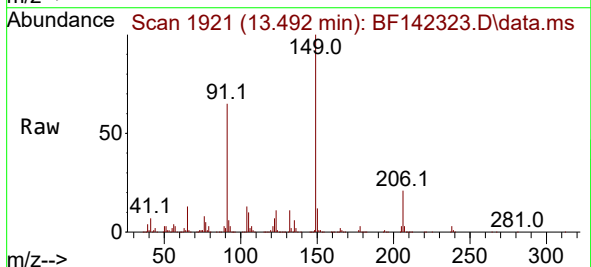
Tgt Ion:149 Resp: 579489

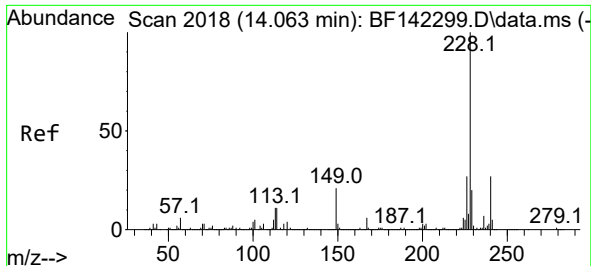
Ion Ratio Lower Upper

149 100

91 65.5 53.8 80.6

206 21.2 16.6 24.8

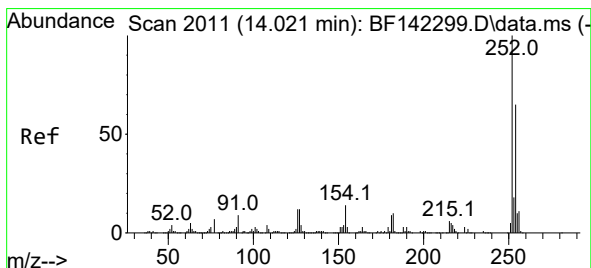
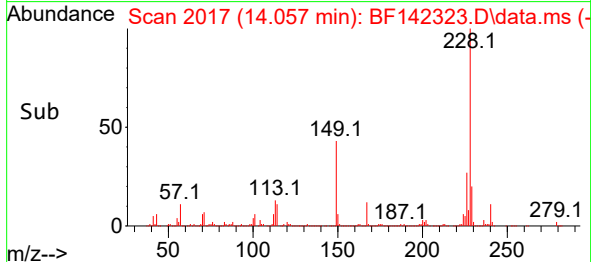
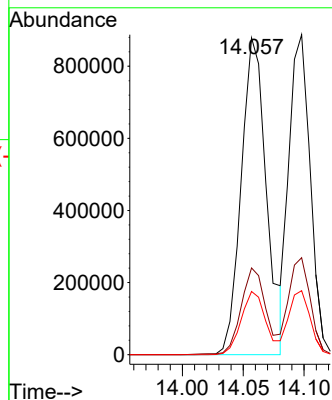
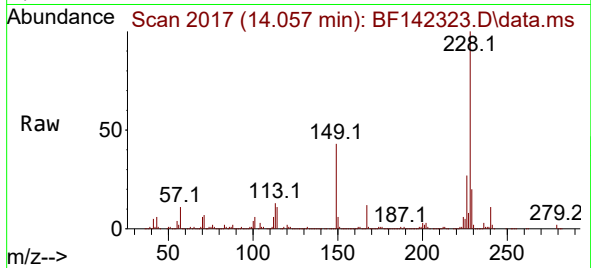




#81
Benzo(a)anthracene
Concen: 48.058 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

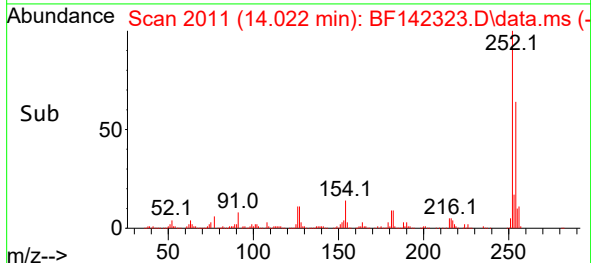
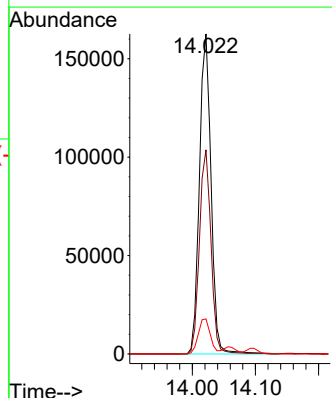
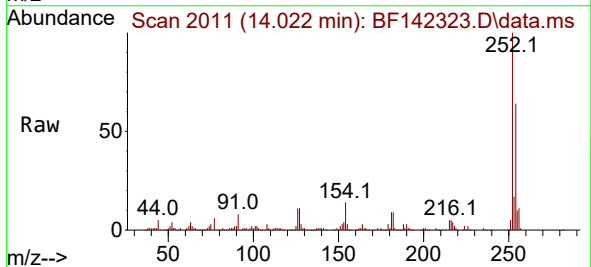
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

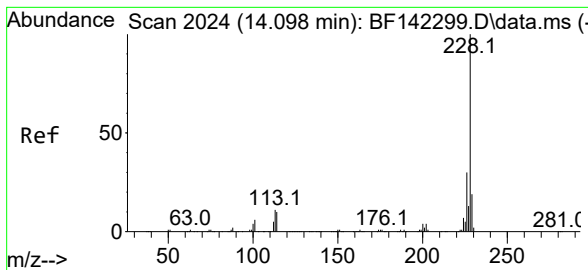
Tgt Ion:228 Resp: 1269592
Ion Ratio Lower Upper
228 100
226 27.4 21.5 32.3
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 33.807 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:252 Resp: 207694
Ion Ratio Lower Upper
252 100
254 63.8 52.0 78.0
126 11.0 9.7 14.5





#83

Chrysene

Concen: 43.955 ng

RT: 14.098 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

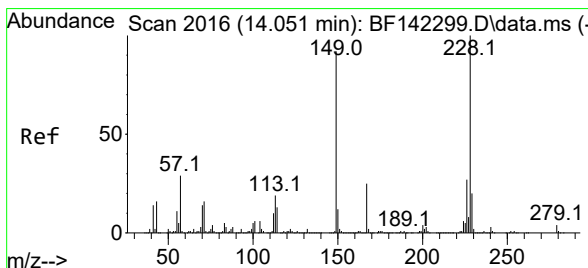
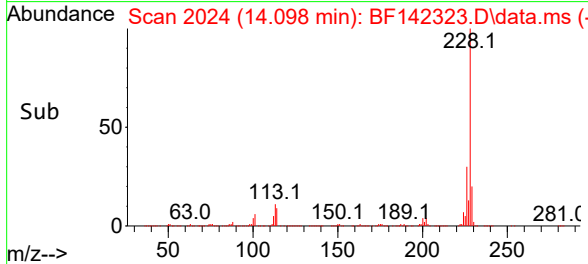
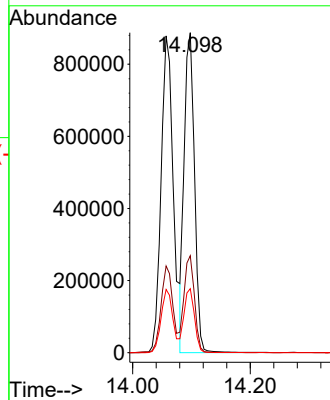
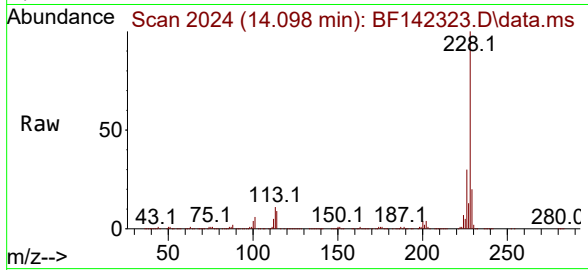
Tgt Ion:228 Resp: 1080998

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 20.0 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.439 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

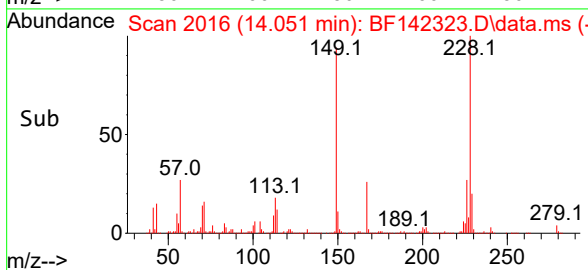
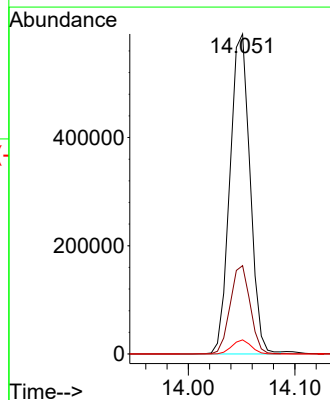
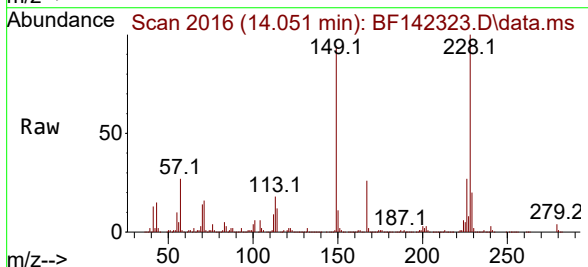
Tgt Ion:149 Resp: 774965

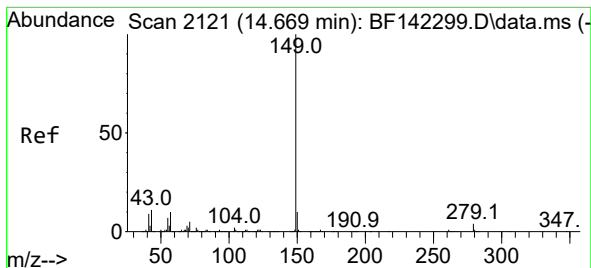
Ion Ratio Lower Upper

149 100

167 27.6 22.0 33.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 48.612 ng

RT: 14.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MS

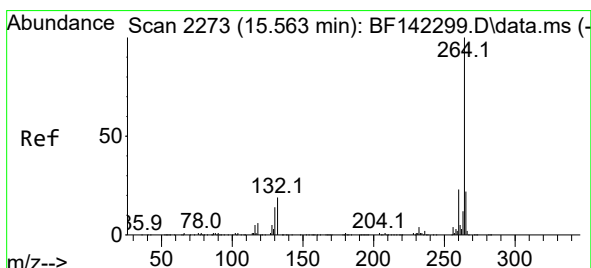
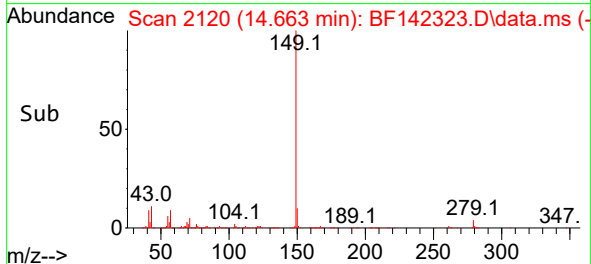
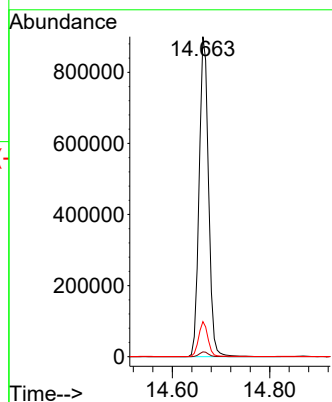
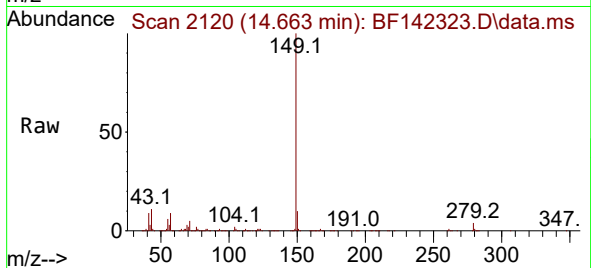
Tgt Ion:149 Resp: 1212450

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.8 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142323.D

Acq: 12 May 2025 16:40

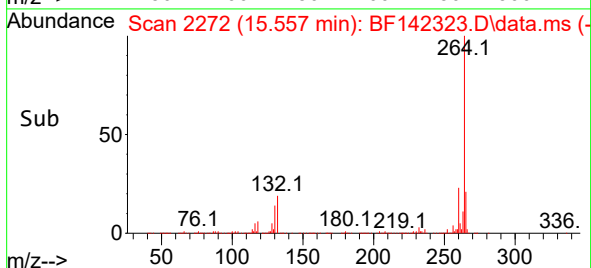
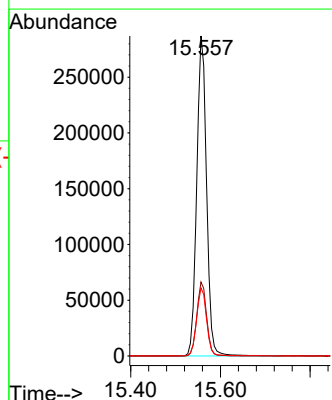
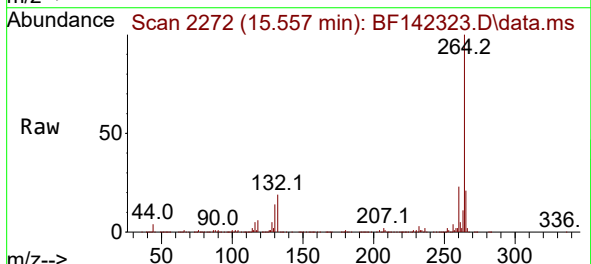
Tgt Ion:264 Resp: 436022

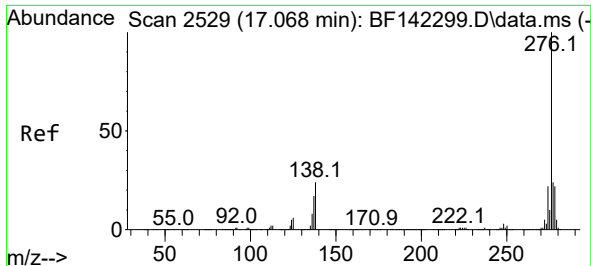
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.2 17.5 26.3

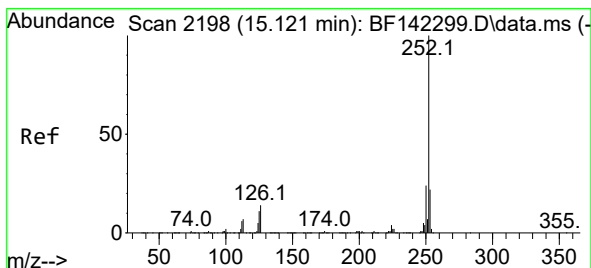
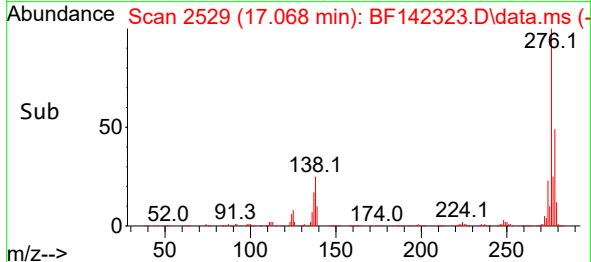
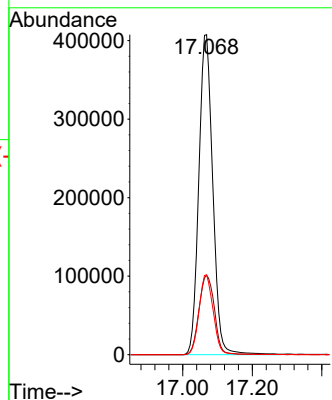
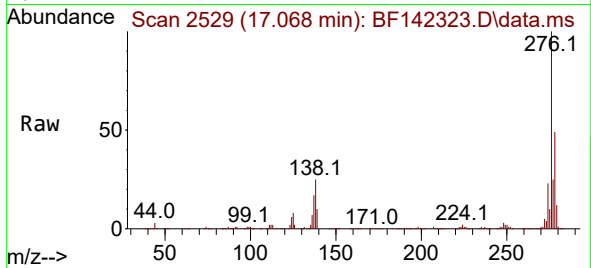




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.395 ng
 RT: 17.068 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BF142323.D
 Acq: 12 May 2025 16:40

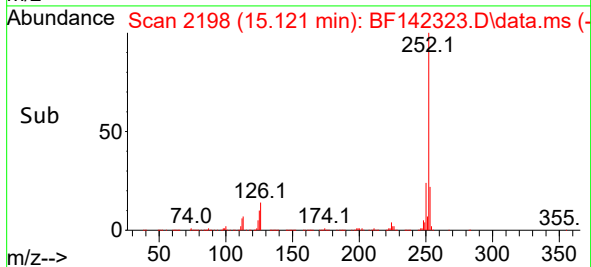
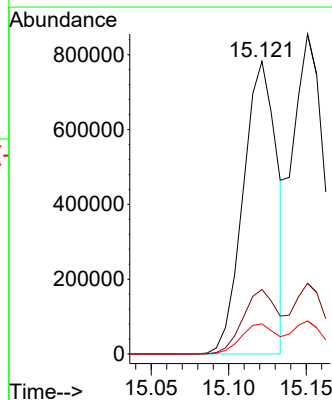
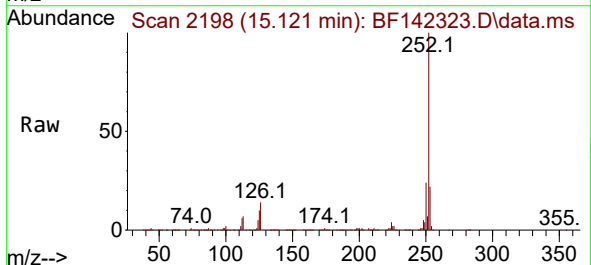
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MS

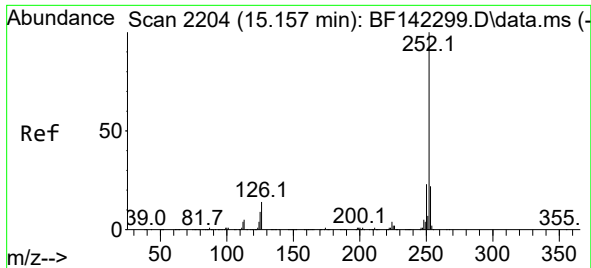
Tgt Ion:276 Resp: 1134243
 Ion Ratio Lower Upper
 276 100
 138 27.5 22.0 33.0
 277 25.2 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 44.662 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF142323.D
 Acq: 12 May 2025 16:40

Tgt Ion:252 Resp: 1179448
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 10.3 8.7 13.1

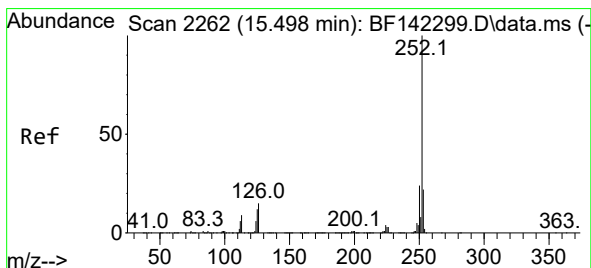
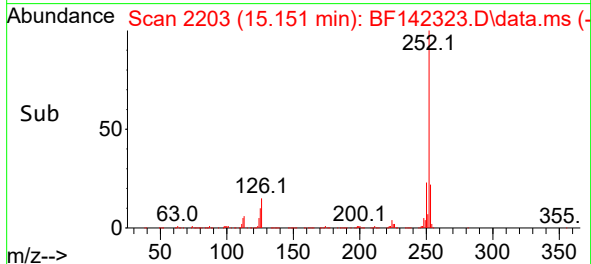
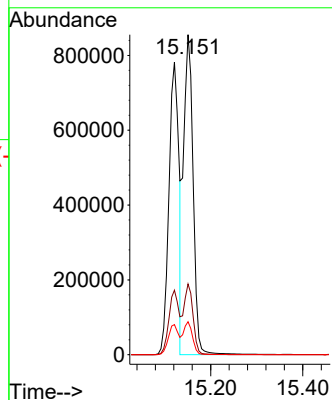
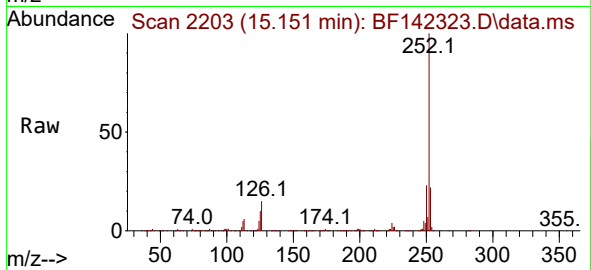




#89
Benzo(k)fluoranthene
Concen: 50.716 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

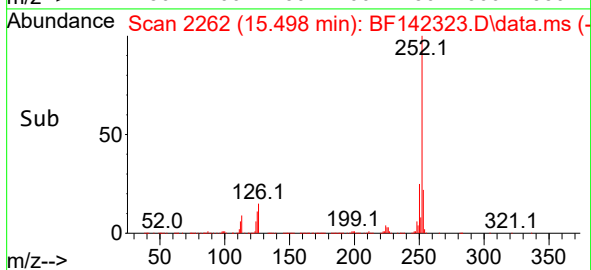
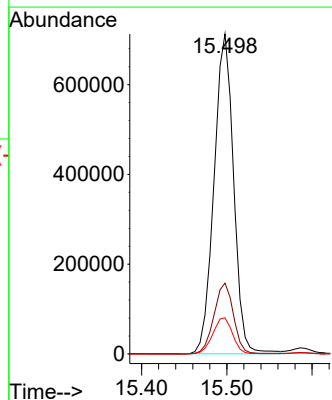
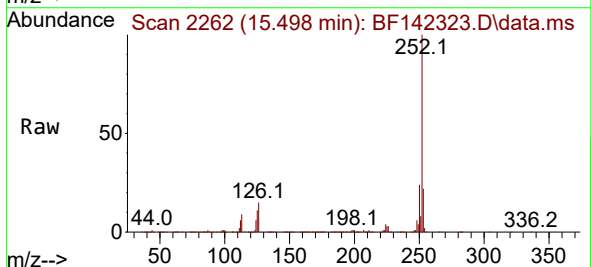
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

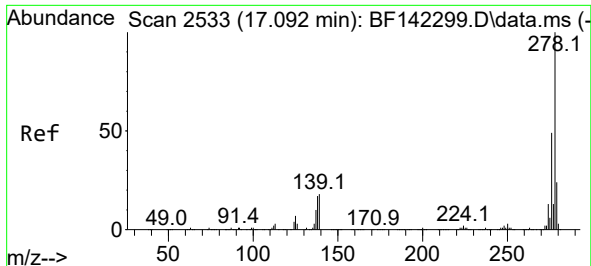
Tgt Ion:252 Resp: 1225647
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.3 8.1 12.1



#90
Benzo(a)pyrene
Concen: 48.043 ng
RT: 15.498 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:252 Resp: 1136910
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.3 9.4 14.0

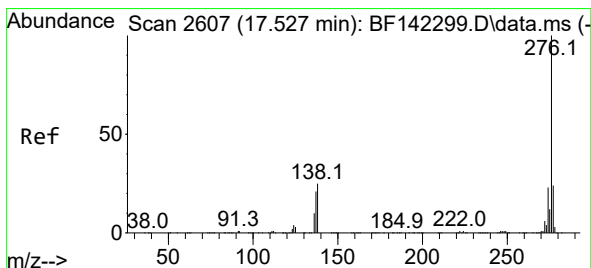
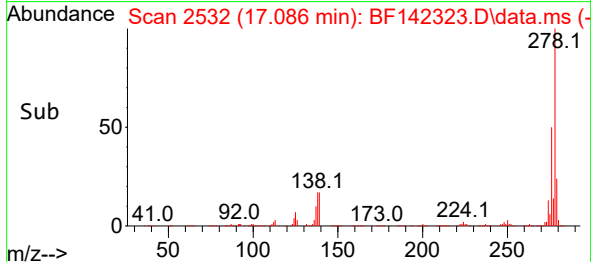
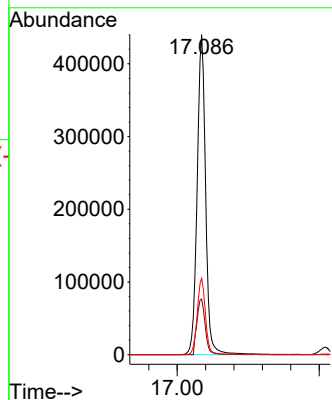
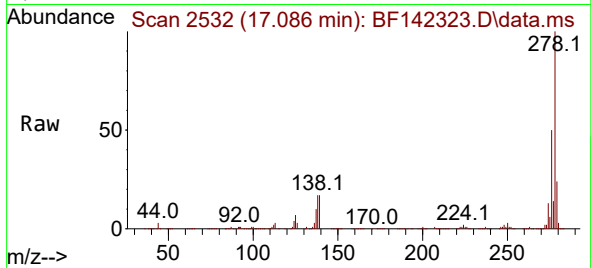




#91
Dibenzo(a,h)anthracene
Concen: 36.677 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MS

Tgt Ion:278 Resp: 919055
Ion Ratio Lower Upper
278 100
139 17.4 14.5 21.7
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 35.861 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142323.D
Acq: 12 May 2025 16:40

Tgt Ion:276 Resp: 891862
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 24.6 19.8 29.6

