

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142324.D
 Acq On : 12 May 2025 17:10
 Operator : RC/JU
 Sample : Q1983-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 12 17:45:31 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	202795	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	781341	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	411558	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	662613	20.000	ng	0.00
76) Chrysene-d12	14.068	240	385368	20.000	ng	0.00
86) Perylene-d12	15.557	264	432407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1323781	111.433	ng	0.02
7) Phenol-d6	6.528	99	1512835	103.540	ng	0.00
23) Nitrobenzene-d5	7.463	82	1038854	81.087	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	526968	132.620	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2133804	73.927	ng	0.00
79) Terphenyl-d14	13.016	244	1871660	71.886	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	165809	30.994	ng	# 82
3) Pyridine	3.546	79	431400	34.347	ng	98
4) n-Nitrosodimethylamine	3.487	42	266828	36.553	ng	98
6) Aniline	6.569	93	454229	31.695	ng	99
8) 2-Chlorophenol	6.687	128	521728	41.098	ng	98
9) Benzaldehyde	6.457	77	129791	15.178	ng	100
10) Phenol	6.540	94	577782	37.305	ng	96
11) bis(2-Chloroethyl)ether	6.640	93	505499	33.097	ng	99
12) 1,3-Dichlorobenzene	6.845	146	477428	32.873	ng	98
13) 1,4-Dichlorobenzene	6.922	146	488916	33.528	ng	99
14) 1,2-Dichlorobenzene	7.075	146	479613	34.266	ng	99
15) Benzyl Alcohol	7.040	79	418276	44.210	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	848813	37.216	ng	100
17) 2-Methylphenol	7.151	107	415644	40.441	ng	99
18) Hexachloroethane	7.416	117	162669	33.528	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	356953	39.495	ng	97
20) 3+4-Methylphenols	7.304	107	515244	40.169	ng	# 87
22) Acetophenone	7.310	105	683398	39.337	ng	97
24) Nitrobenzene	7.487	77	517369	42.841	ng	97
25) Isophorone	7.722	82	996969	41.094	ng	99
26) 2-Nitrophenol	7.798	139	244406	42.499	ng	99
27) 2,4-Dimethylphenol	7.834	122	521722	42.773	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	629945	40.381	ng	99
29) 2,4-Dichlorophenol	8.039	162	463208	44.668	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	445307	38.156	ng	99
31) Naphthalene	8.210	128	1484514	39.202	ng	100
32) Benzoic acid	7.934	122	245057m	39.755	ng	
33) 4-Chloroaniline	8.281	127	106149m	6.870	ng	
34) Hexachlorobutadiene	8.328	225	259886	37.606	ng	99
35) Caprolactam	8.616	113	122180m	40.426	ng	
36) 4-Chloro-3-methylphenol	8.734	107	473607	43.935	ng	98
37) 2-Methylnaphthalene	8.898	142	963300	40.938	ng	99
38) 1-Methylnaphthalene	8.998	142	996234	40.621	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	471298	41.002	ng	99
41) Hexachlorocyclopentadiene	9.051	237	533254	75.066	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	331968	45.787	ng	98

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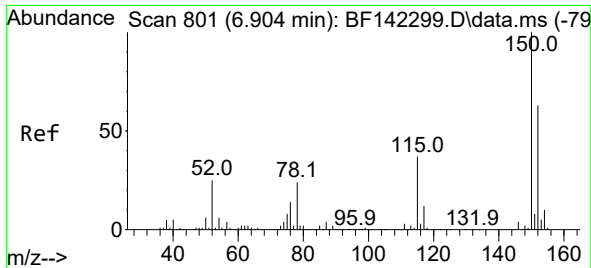
Quant Time: May 12 17:45:31 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	353343	45.803	ng	99
46) 1,1'-Biphenyl	9.363	154	1328874	42.112	ng	99
47) 2-Chloronaphthalene	9.386	162	972939	41.459	ng	99
48) 2-Nitroaniline	9.481	65	292851	48.685	ng	94
49) Acenaphthylene	9.804	152	1653983	42.131	ng	100
50) Dimethylphthalate	9.663	163	1185215	44.848	ng	100
51) 2,6-Dinitrotoluene	9.722	165	251074	50.756	ng	94
52) Acenaphthene	9.975	154	1042029	44.144	ng	100
53) 3-Nitroaniline	9.892	138	169421	29.203	ng	96
54) 2,4-Dinitrophenol	9.992	184	164296	65.067	ng	# 25
55) Dibenzofuran	10.151	168	1462393	41.978	ng	100
56) 4-Nitrophenol	10.045	139	343810	78.741	ng	96
57) 2,4-Dinitrotoluene	10.128	165	332852	52.457	ng	97
58) Fluorene	10.492	166	1118204	42.060	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	295712	46.435	ng	98
60) Diethylphthalate	10.363	149	1176564	44.581	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	549809	42.865	ng	99
62) 4-Nitroaniline	10.504	138	239904	52.174	ng	100
63) Azobenzene	10.645	77	1050922	41.671	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	116145	39.159	ng	96
66) n-Nitrosodiphenylamine	10.604	169	990288	44.913	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	337613	44.957	ng	97
68) Hexachlorobenzene	11.039	284	373394	45.203	ng	97
69) Atrazine	11.127	200	292643	50.350	ng	99
70) Pentachlorophenol	11.227	266	390889	89.951	ng	98
71) Phenanthrene	11.457	178	1515338	43.629	ng	99
72) Anthracene	11.504	178	1536092	43.043	ng	100
73) Carbazole	11.657	167	1345792	42.033	ng	100
74) Di-n-butylphthalate	11.992	149	1661239	49.342	ng	100
75) Fluoranthene	12.639	202	1411611	40.658	ng	100
77) Benzidine	12.763	184	457156	65.278	ng	99
78) Pyrene	12.869	202	1388661	40.484	ng	100
80) Butylbenzylphthalate	13.486	149	501801	49.966	ng	99
81) Benzo(a)anthracene	14.057	228	1093875	43.831	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	194325	33.483	ng	99
83) Chrysene	14.098	228	1061591	45.693	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	663475	50.640	ng	99
85) Di-n-octyl phthalate	14.663	149	1093559	46.767	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1110913	36.932	ng	99
88) Benzo(b)fluoranthene	15.121	252	1133794	43.293	ng	99
89) Benzo(k)fluoranthene	15.151	252	1156536	48.257	ng	100
90) Benzo(a)pyrene	15.498	252	1089414	46.421	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	884370	35.588	ng	99
92) Benzo(g,h,i)perylene	17.521	276	865894	35.108	ng	99

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

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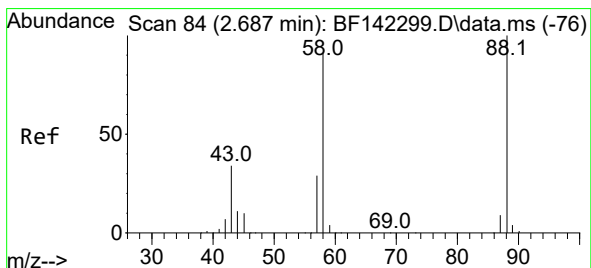
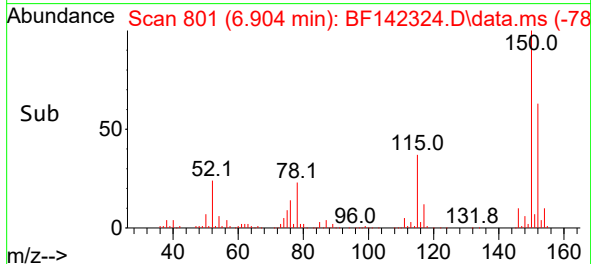
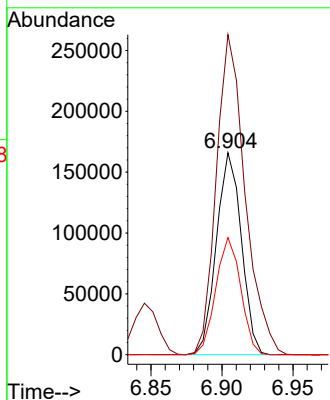
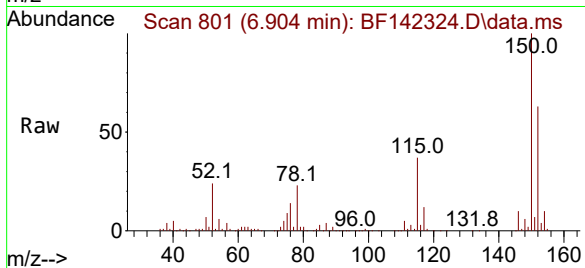




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

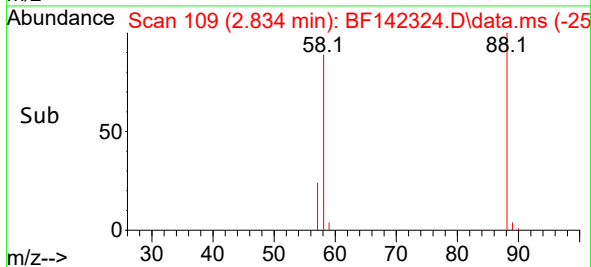
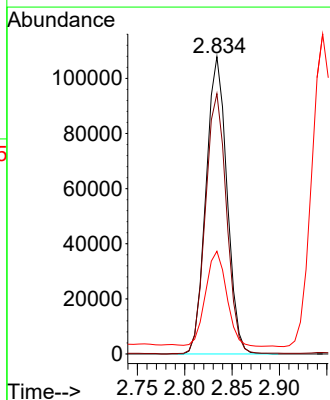
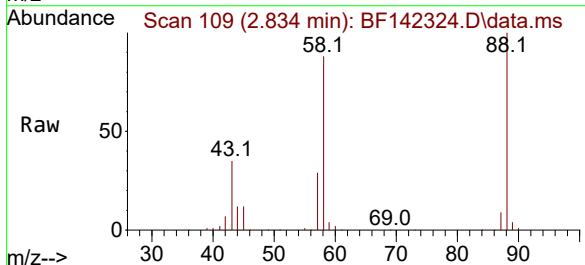
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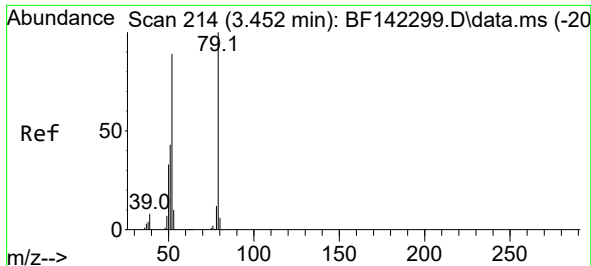
Tgt Ion:152 Resp: 202795
Ion Ratio Lower Upper
152 100
150 158.5 126.6 190.0
115 58.0 47.3 70.9



#2
1,4-Dioxane
Concen: 30.994 ng
RT: 2.834 min Scan# 109
Delta R.T. 0.147 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

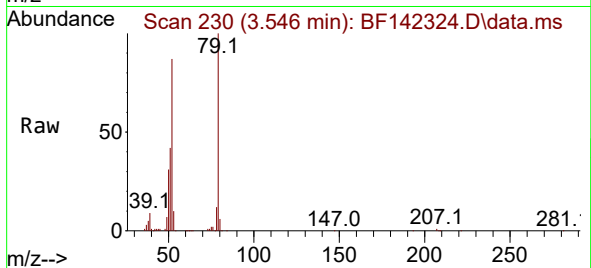
Tgt Ion: 88 Resp: 165809
Ion Ratio Lower Upper
88 100
58 88.8 73.0 109.4
43 0.0 27.8 41.6#



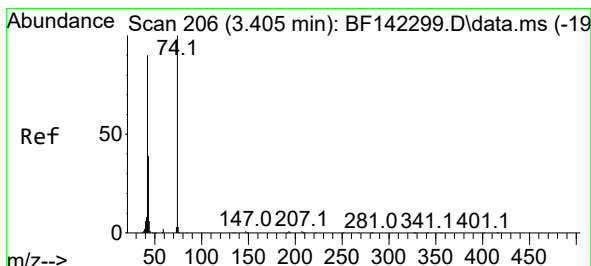
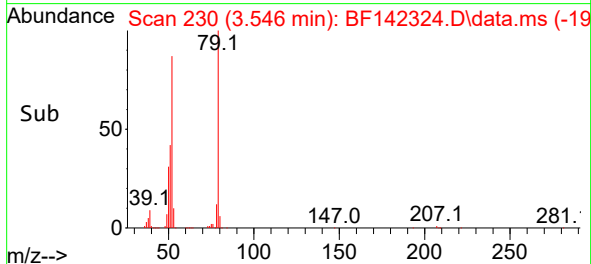
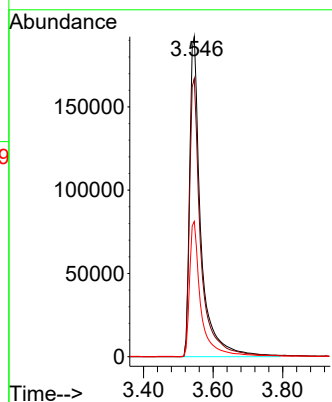


#3
Pyridine
Concen: 34.347 ng
RT: 3.546 min Scan# 21
Delta R.T. 0.094 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

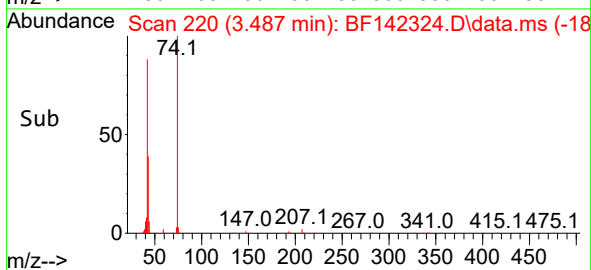
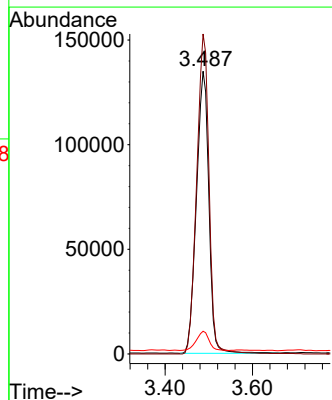
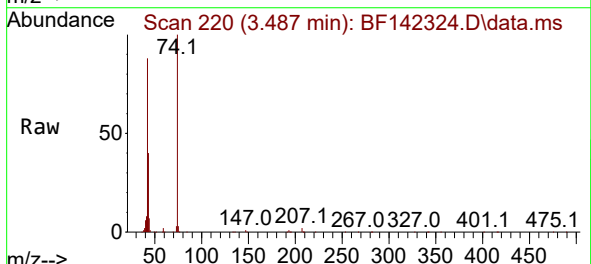


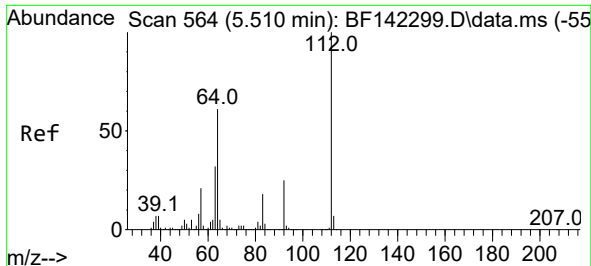
Tgt Ion: 79 Resp: 431400
Ion Ratio Lower Upper
79 100
52 86.9 71.0 106.4
51 42.3 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 36.553 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.082 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion: 42 Resp: 266828
Ion Ratio Lower Upper
42 100
74 113.2 88.5 132.7
44 8.0 5.8 8.8

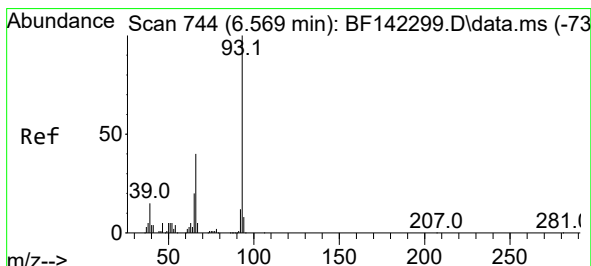
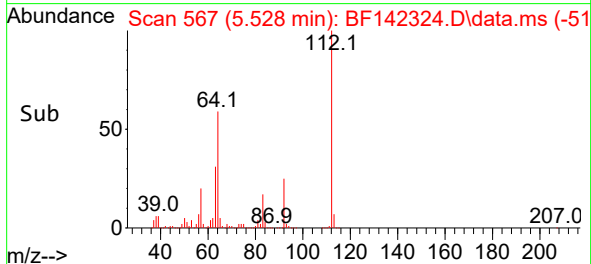
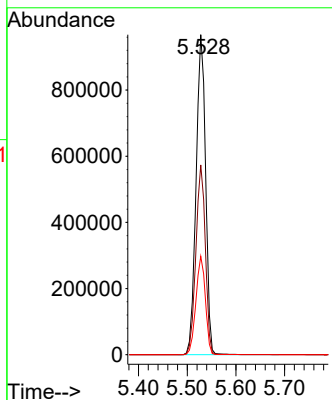
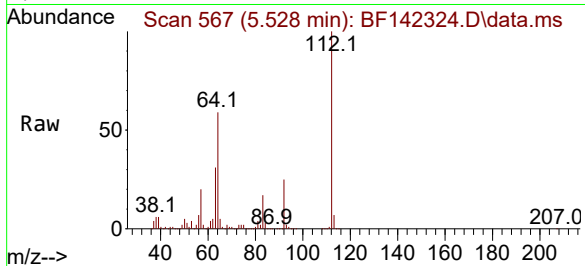




#5
2-Fluorophenol
Concen: 111.433 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

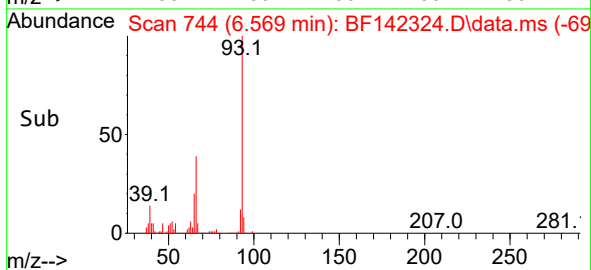
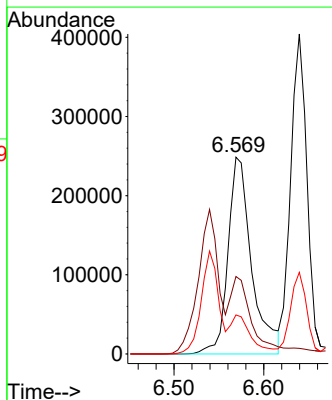
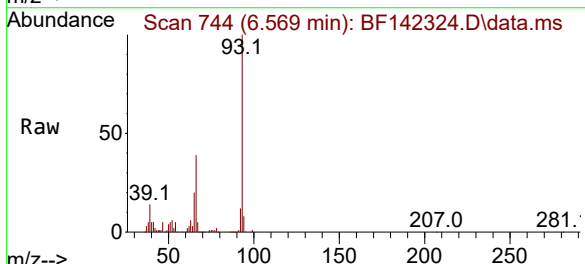
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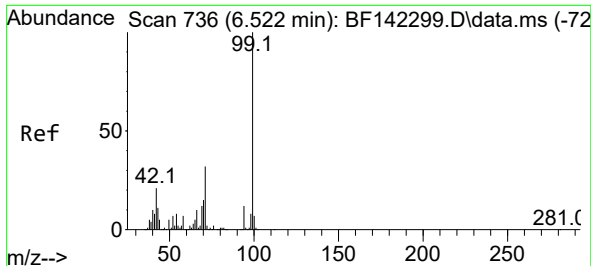
Tgt Ion:112 Resp: 1323781
Ion Ratio Lower Upper
112 100
64 59.3 48.9 73.3
63 30.8 25.6 38.4



#6
Aniline
Concen: 31.695 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion: 93 Resp: 454229
Ion Ratio Lower Upper
93 100
66 39.4 32.2 48.4
65 19.9 16.3 24.5

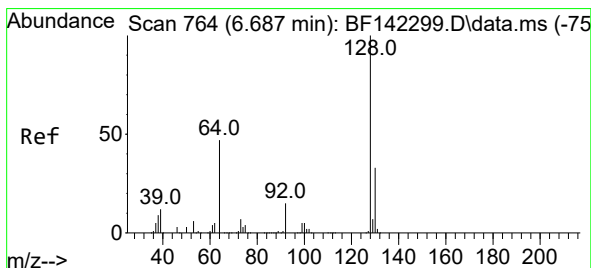
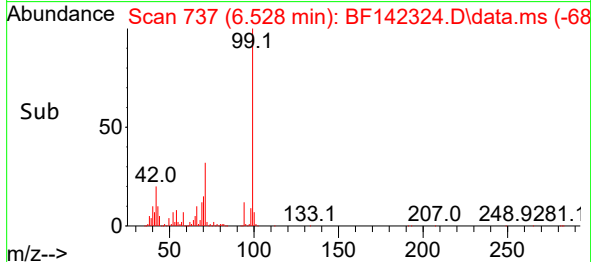
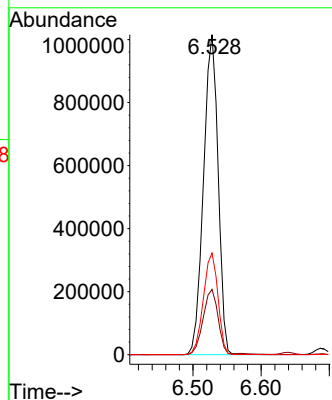
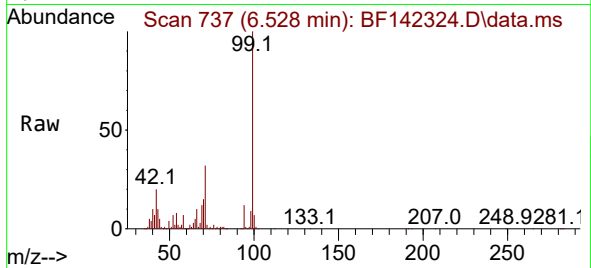




#7
Phenol-d6
Concen: 103.540 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

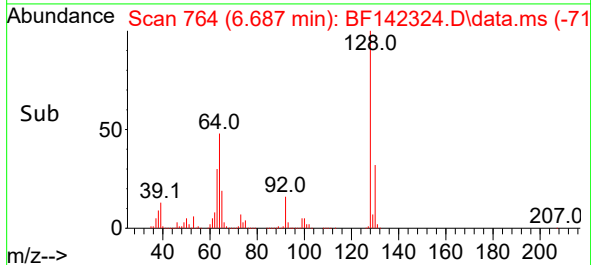
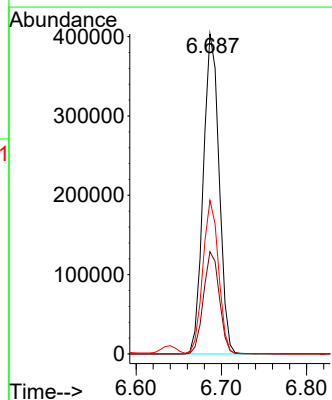
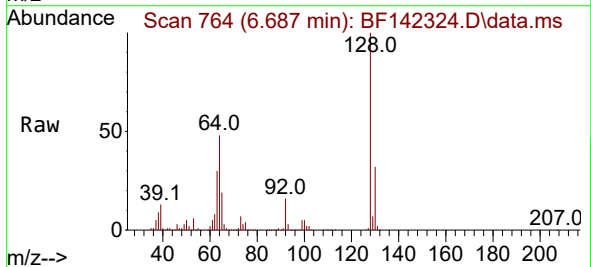
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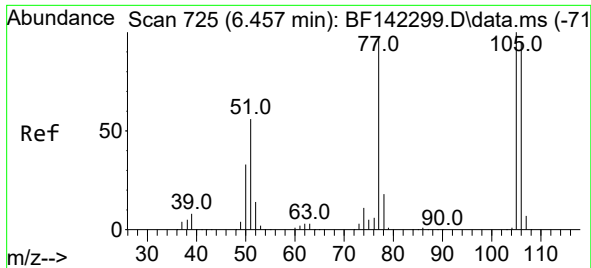
Tgt Ion: 99 Resp: 1512835
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 31.8 25.8 38.8



#8
2-Chlorophenol
Concen: 41.098 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion: 128 Resp: 521728
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 48.0 29.2 69.2

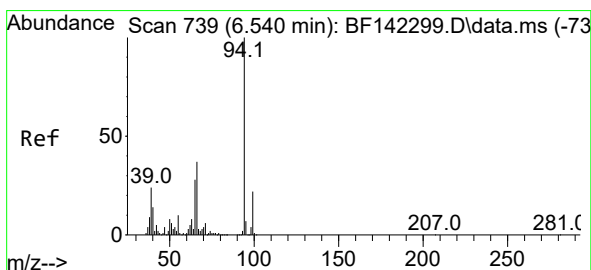
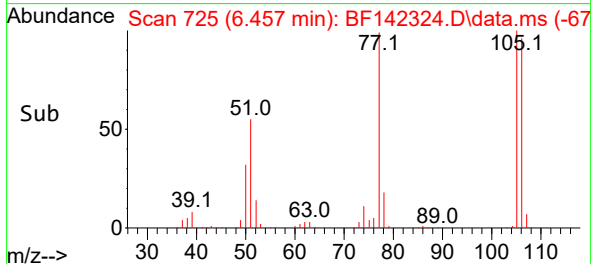
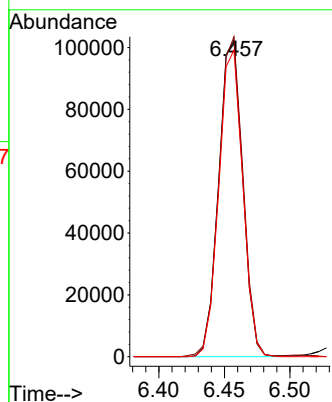
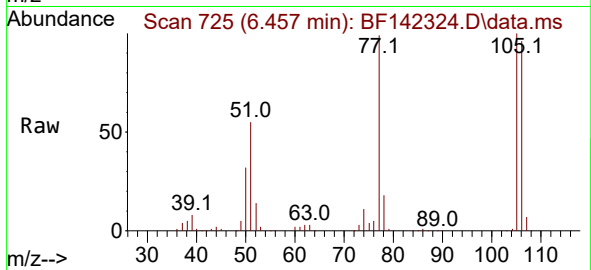




#9
Benzaldehyde
Concen: 15.178 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

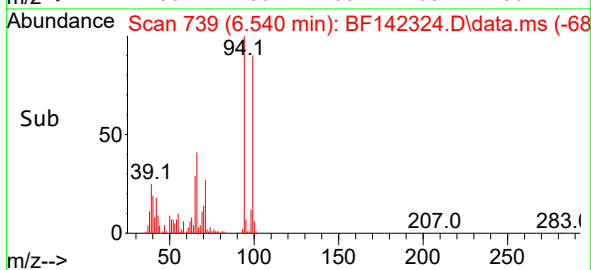
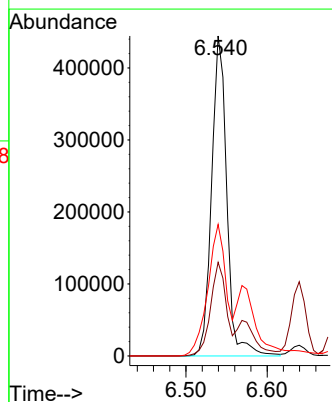
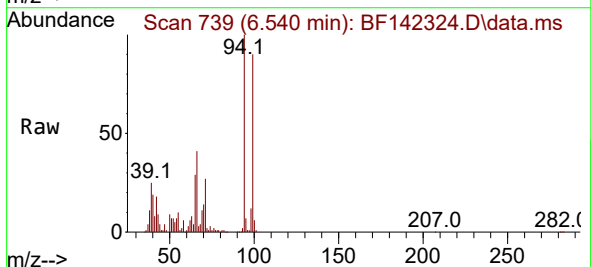
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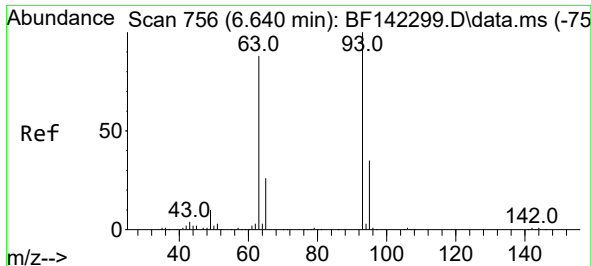
Tgt Ion: 77 Resp: 129791
Ion Ratio Lower Upper
77 100
105 101.2 82.0 122.0
106 97.0 77.2 117.2



#10
Phenol
Concen: 37.305 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion: 94 Resp: 577782
Ion Ratio Lower Upper
94 100
65 29.2 8.5 48.5
66 41.1 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 33.097 ng

RT: 6.640 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

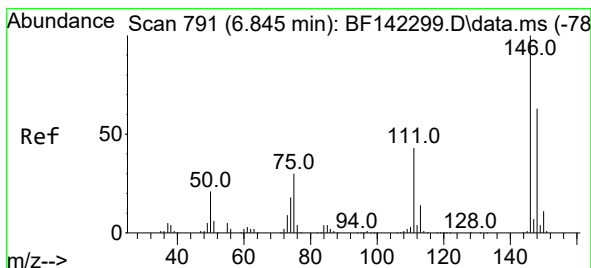
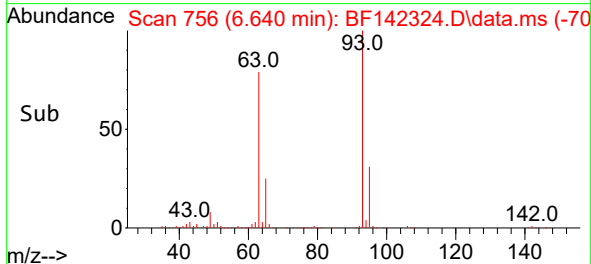
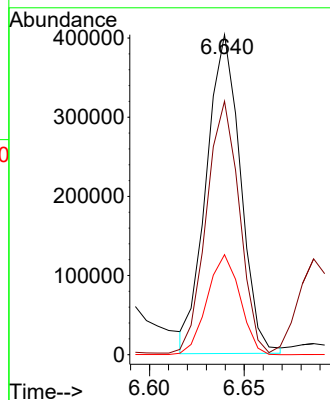
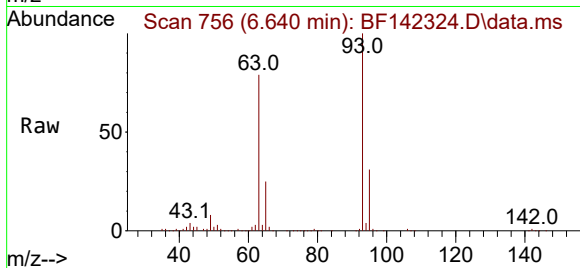
Tgt Ion: 93 Resp: 505499

Ion Ratio Lower Upper

93 100

63 79.2 58.4 98.4

95 31.2 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 32.873 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

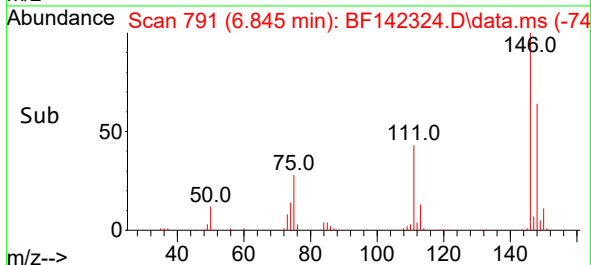
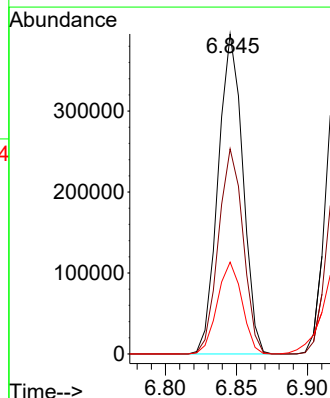
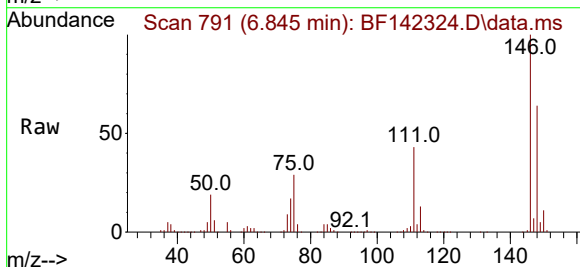
Tgt Ion: 146 Resp: 477428

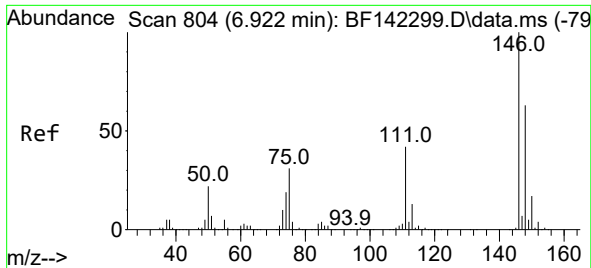
Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

75 28.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 33.528 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

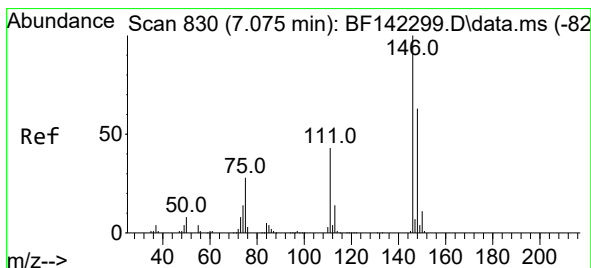
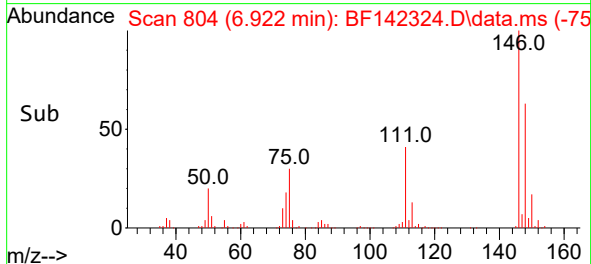
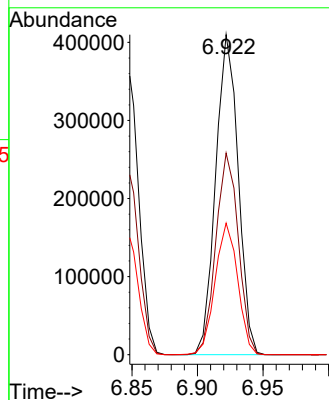
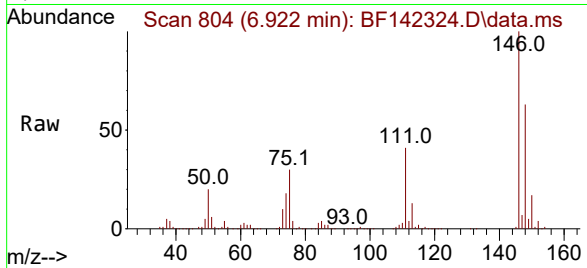
Tgt Ion:146 Resp: 488916

Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

111 41.1 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 34.266 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

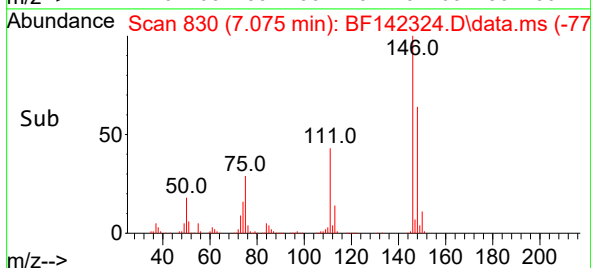
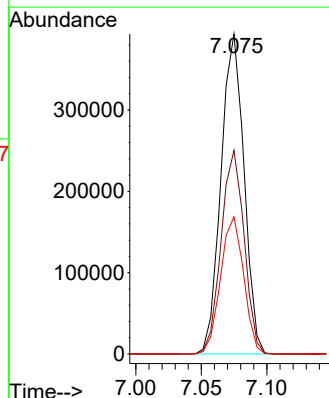
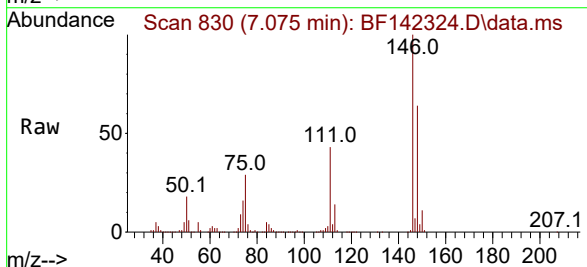
Tgt Ion:146 Resp: 479613

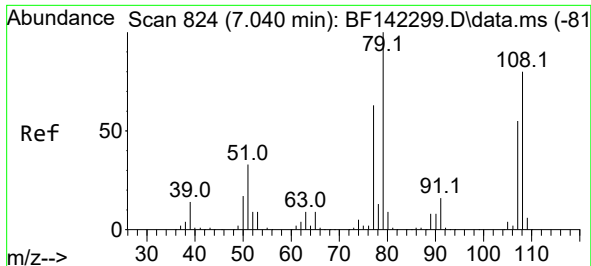
Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

111 42.8 34.5 51.7

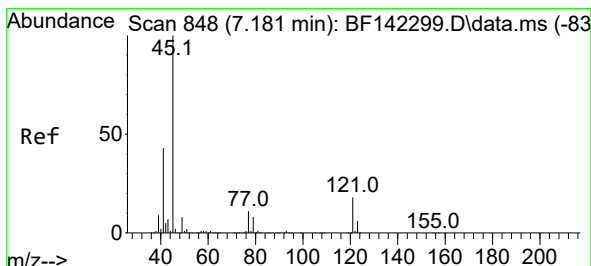
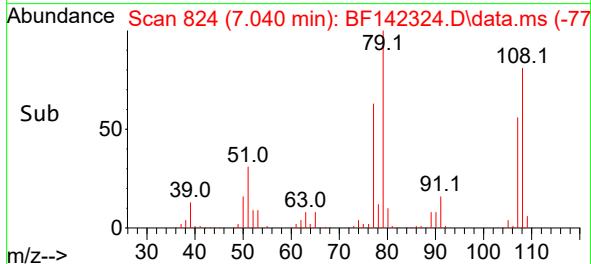
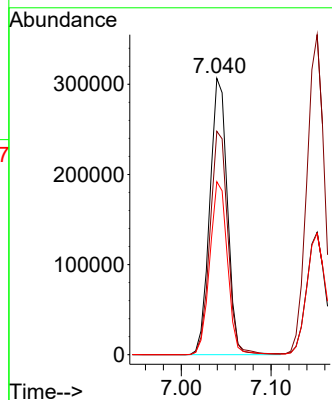
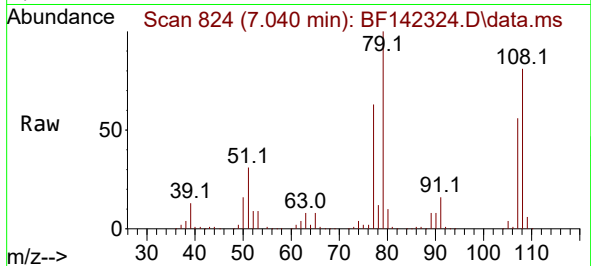




#15
Benzyl Alcohol
Concen: 44.210 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

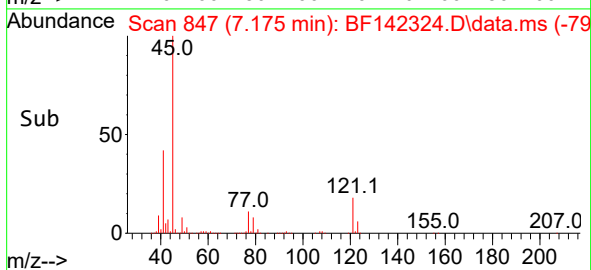
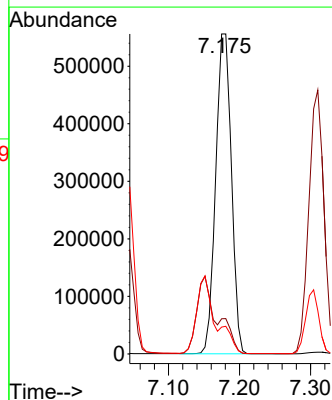
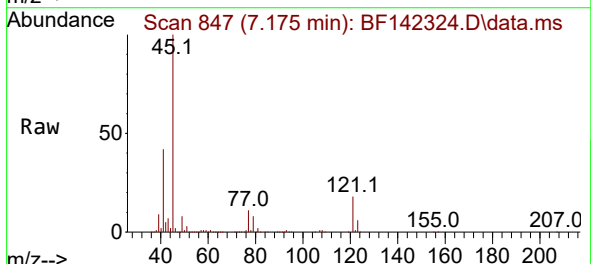
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

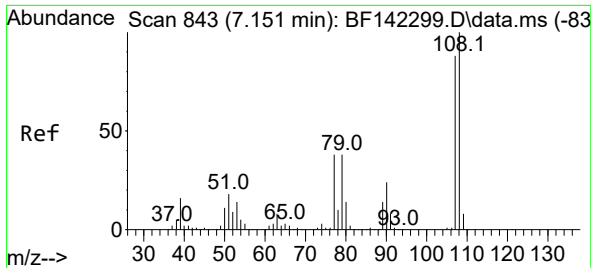
Tgt Ion: 79 Resp: 418276
Ion Ratio Lower Upper
79 100
108 80.8 63.9 95.9
77 62.6 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.216 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion: 45 Resp: 848813
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.2
79 8.4 0.0 28.5

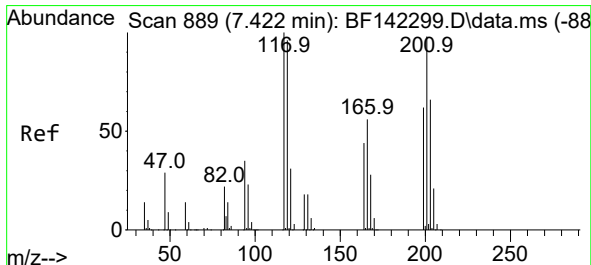
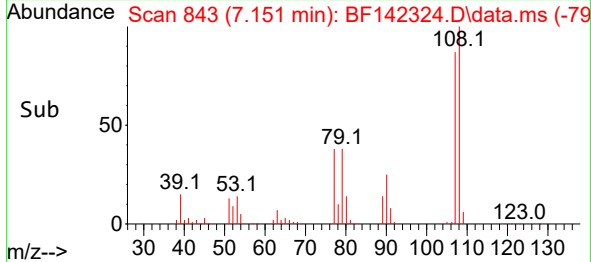
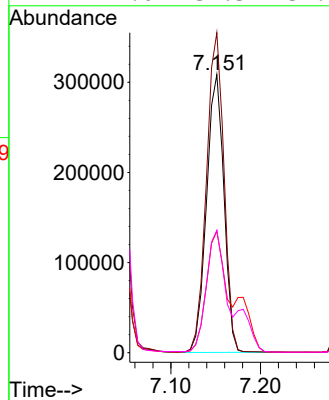
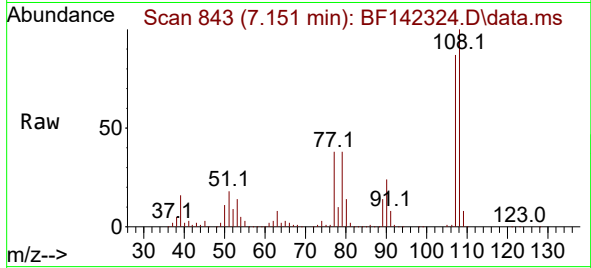




#17
2-Methylphenol
Concen: 40.441 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

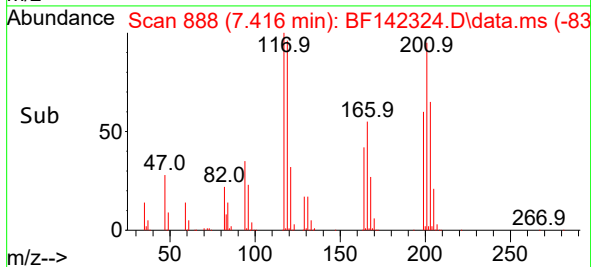
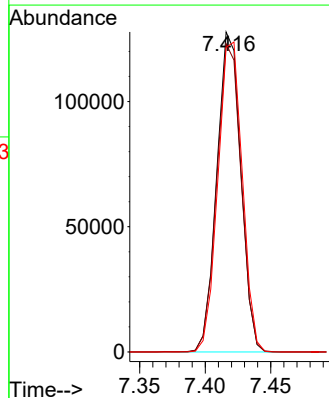
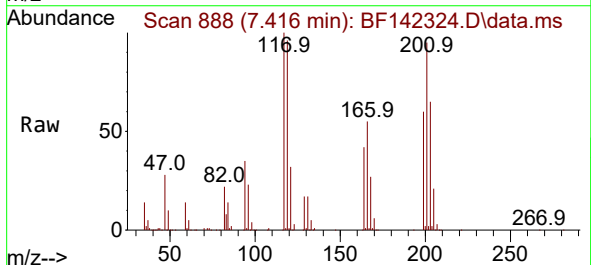
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

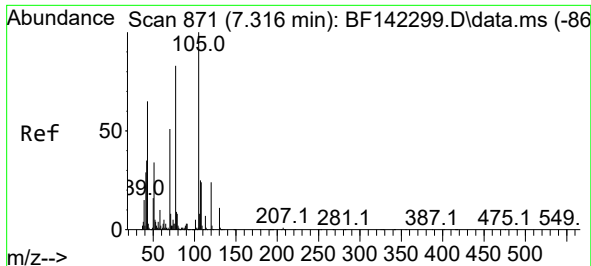
Tgt Ion:107 Resp: 415644
Ion Ratio Lower Upper
107 100
108 115.1 91.1 136.7
77 43.7 34.7 52.1
79 44.0 34.5 51.7



#18
Hexachloroethane
Concen: 33.528 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:117 Resp: 162669
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3
201 95.2 78.0 117.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.495 ng

RT: 7.316 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF142324.D

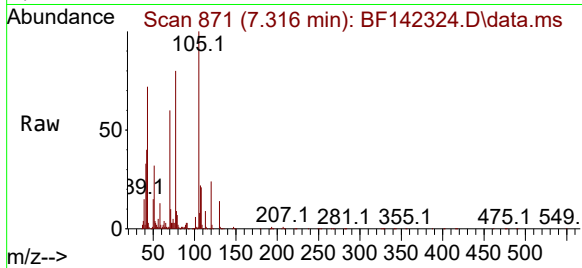
Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD



Tgt Ion: 70 Resp: 356953

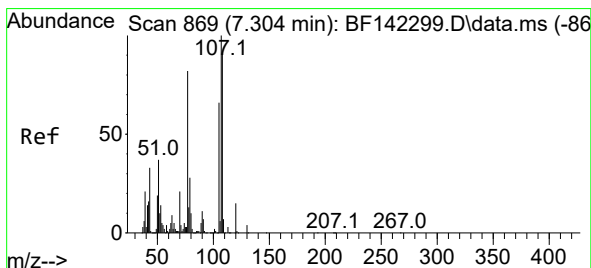
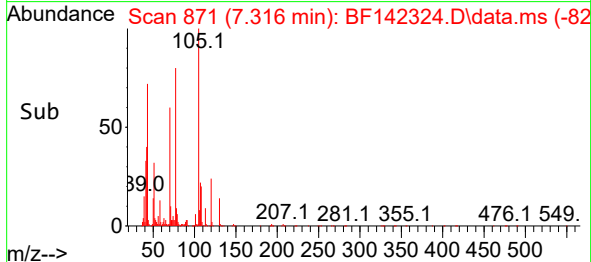
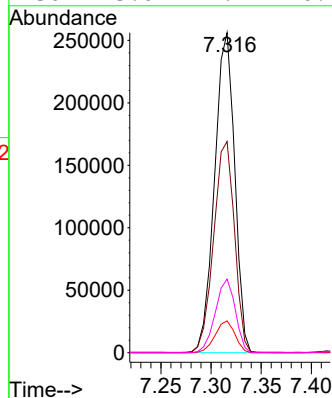
Ion Ratio Lower Upper

70 100

42 66.0 54.8 82.2

101 9.9 7.7 11.5

130 23.0 17.4 26.2



#20

3+4-Methylphenols

Concen: 40.169 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Tgt Ion: 107 Resp: 515244

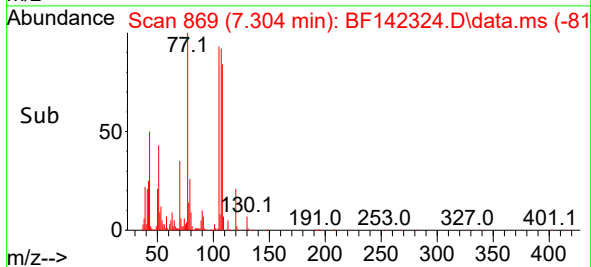
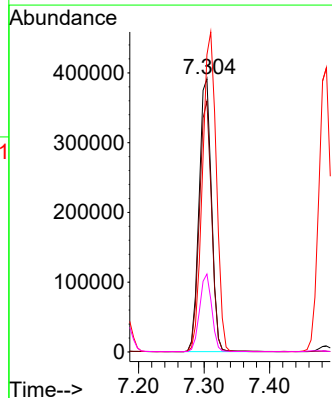
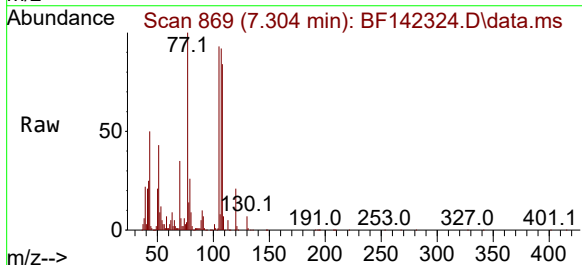
Ion Ratio Lower Upper

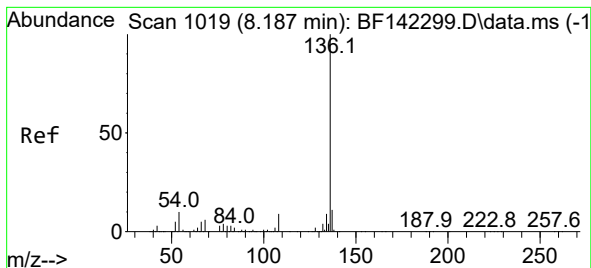
107 100

108 91.8 71.5 111.5

77 108.8 61.6 101.6#

79 28.5 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142324.D

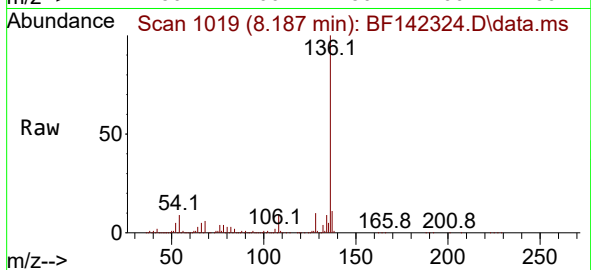
Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD



Tgt Ion:136 Resp: 781341

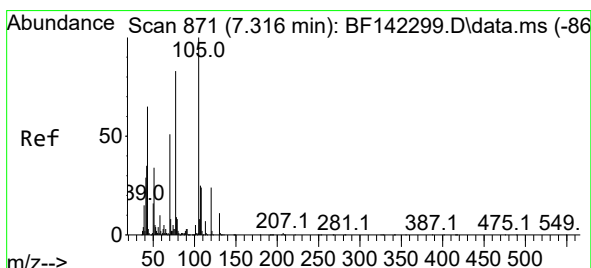
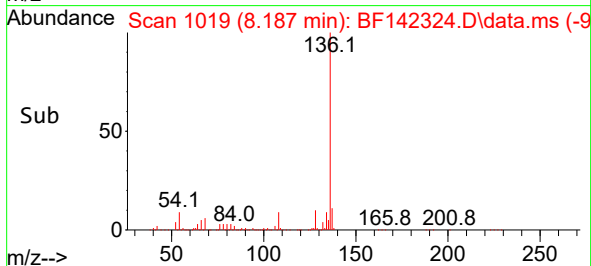
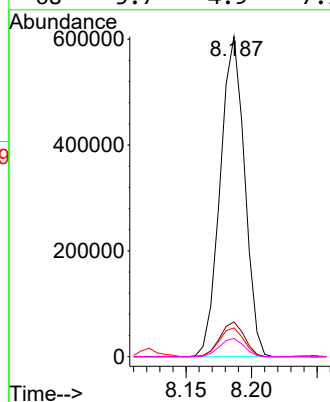
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 7.7 11.5

68 5.7 4.9 7.3



#22

Acetophenone

Concen: 39.337 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Tgt Ion:105 Resp: 683398

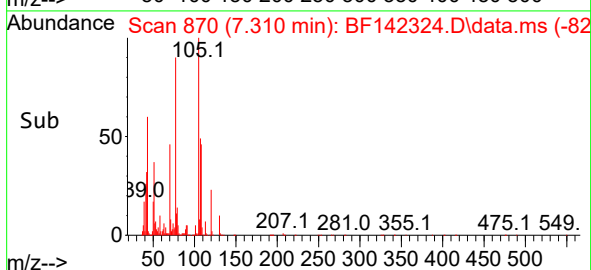
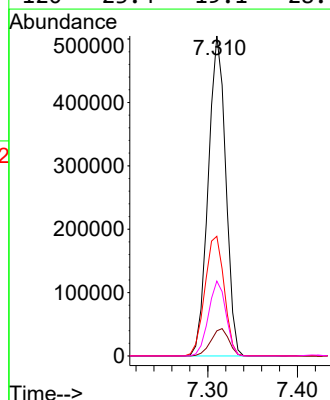
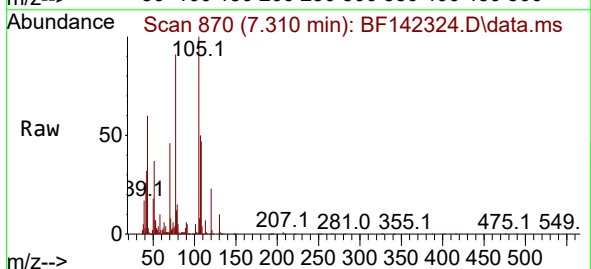
Ion Ratio Lower Upper

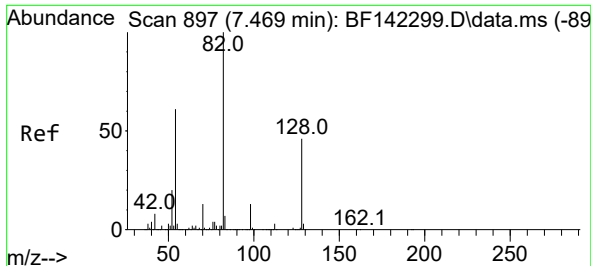
105 100

71 7.9 6.7 10.1

51 37.4 27.6 41.4

120 23.4 19.1 28.7





#23

Nitrobenzene-d5

Concen: 81.087 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Instrument :

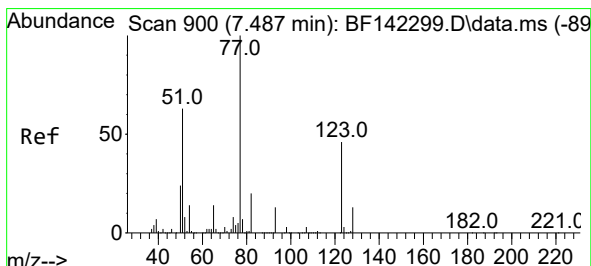
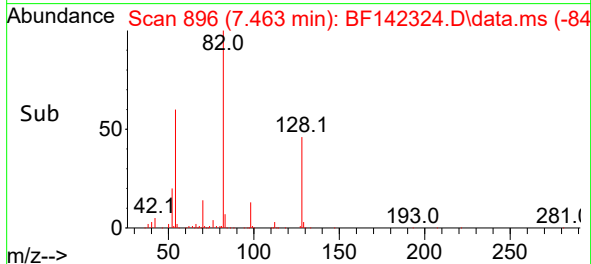
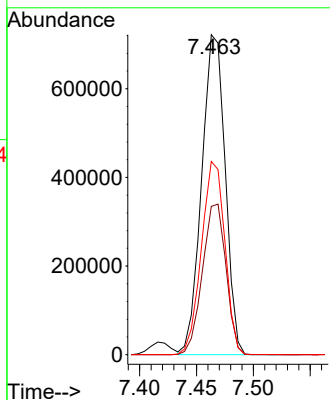
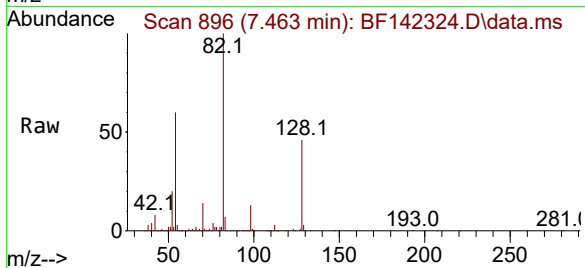
BNA_F

ClientSampleId :

OR-636-COMP-01MSD

Tgt Ion: 82 Resp: 1038854

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	60.4	48.6	73.0



#24

Nitrobenzene

Concen: 42.841 ng

RT: 7.487 min Scan# 900

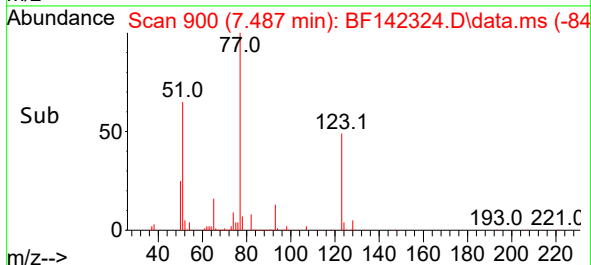
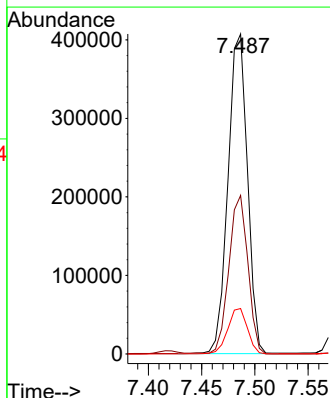
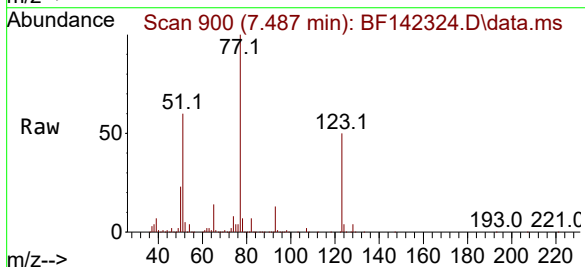
Delta R.T. -0.000 min

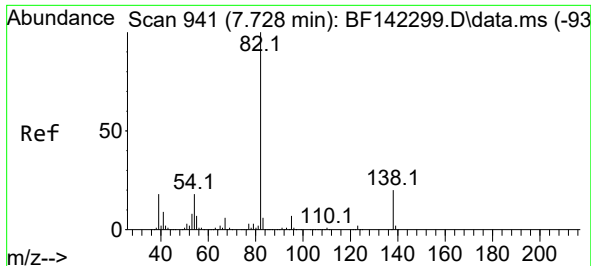
Lab File: BF142324.D

Acq: 12 May 2025 17:10

Tgt Ion: 77 Resp: 517369

Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.8	56.8
65	14.2	11.4	17.0

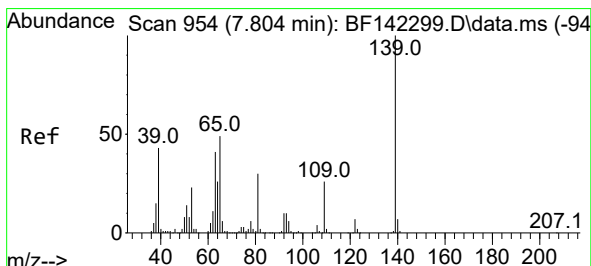
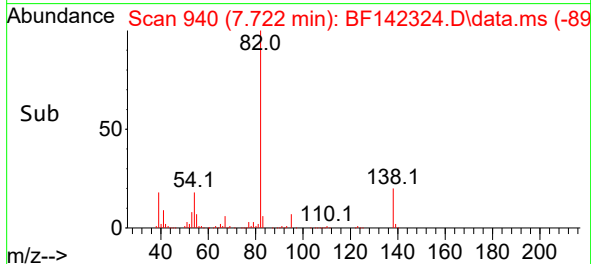
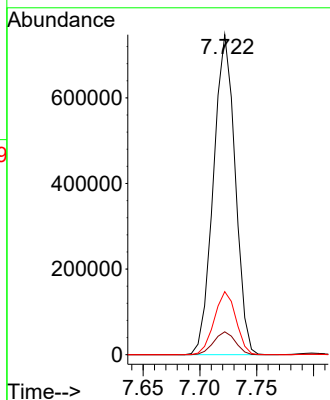
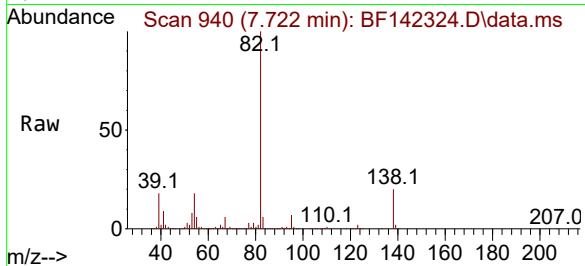




#25
Isophorone
Concen: 41.094 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

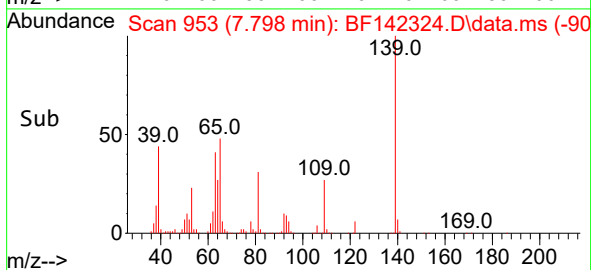
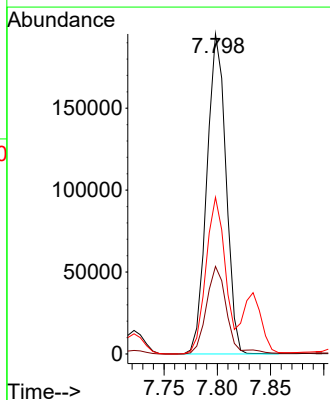
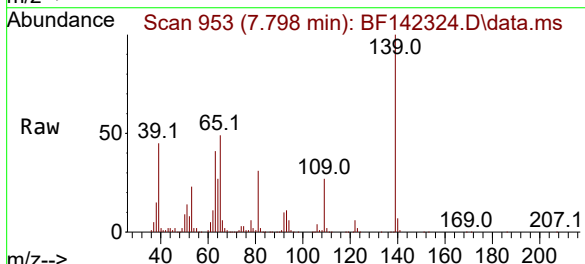
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

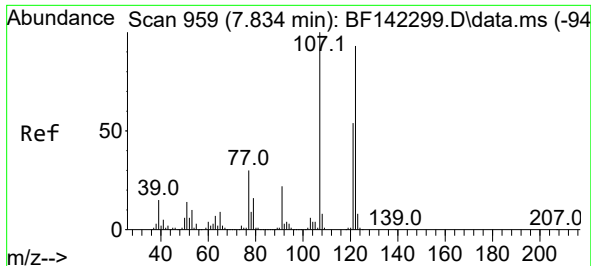
Tgt Ion: 82 Resp: 996969
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 19.7 16.1 24.1



#26
2-Nitrophenol
Concen: 42.499 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:139 Resp: 244406
Ion Ratio Lower Upper
139 100
109 27.3 20.8 31.2
65 49.0 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 42.773 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142324.D

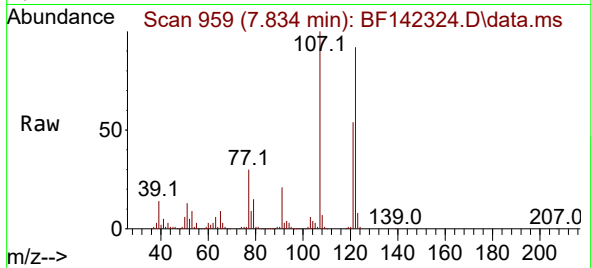
Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD



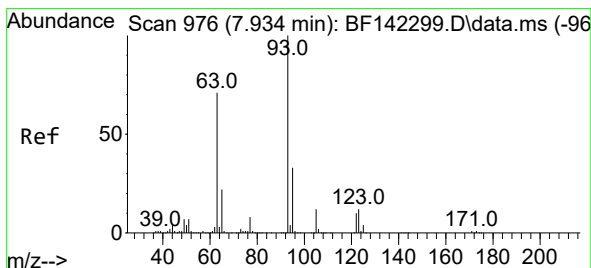
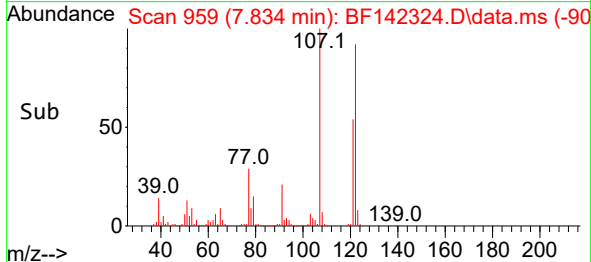
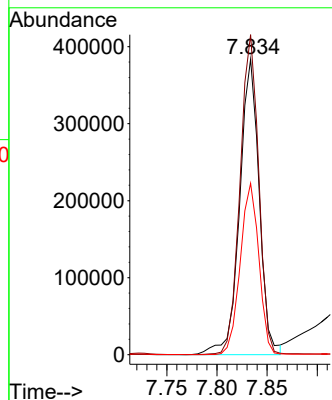
Tgt Ion:122 Resp: 521722

Ion Ratio Lower Upper

122 100

107 108.3 86.0 129.0

121 58.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.381 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

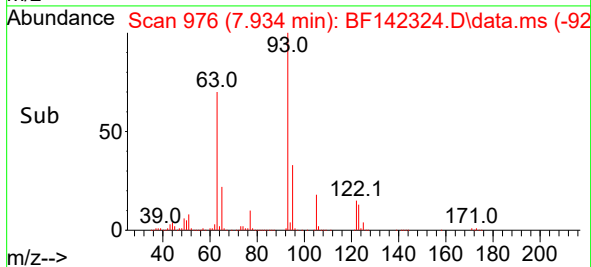
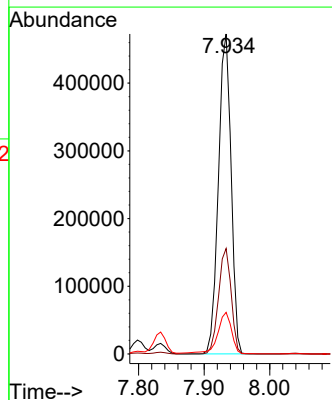
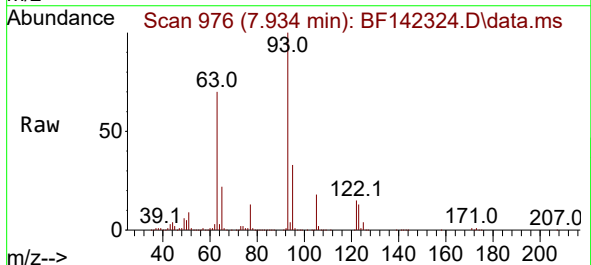
Tgt Ion: 93 Resp: 629945

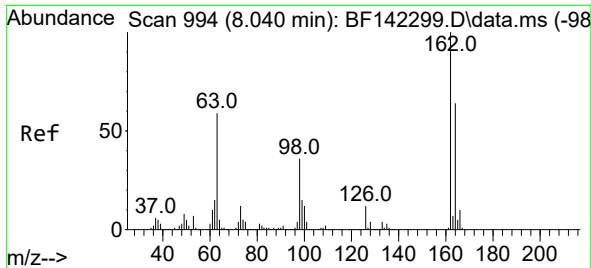
Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

123 13.0 10.2 15.4

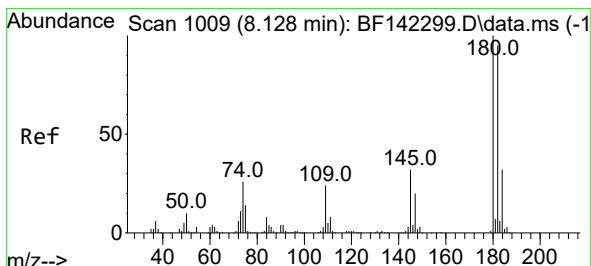
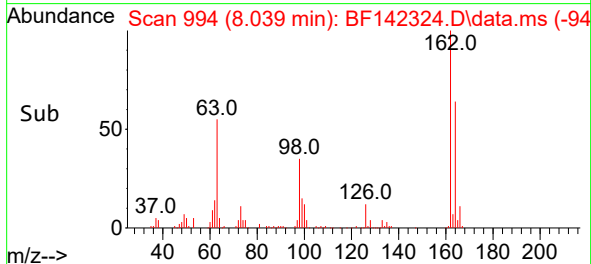
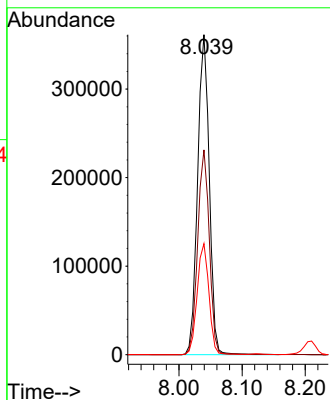
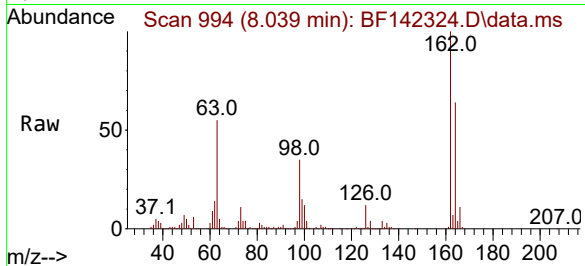




#29
2,4-Dichlorophenol
Concen: 44.668 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

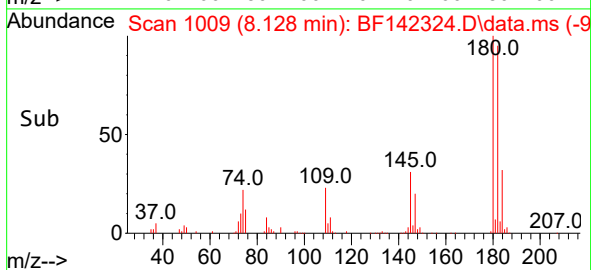
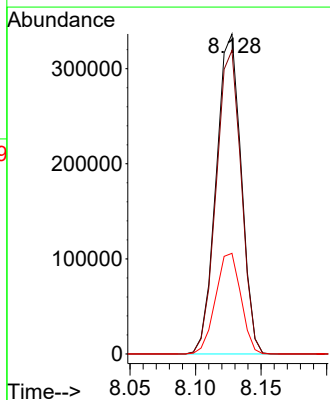
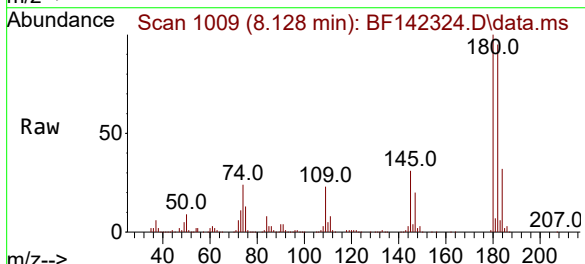
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

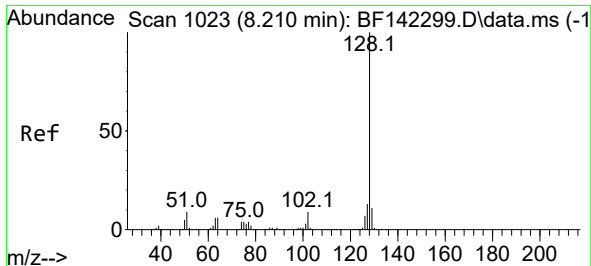
Tgt Ion:162 Resp: 463208
Ion Ratio Lower Upper
162 100
164 64.0 43.6 83.6
98 34.7 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 38.156 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:180 Resp: 445307
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
145 31.5 25.8 38.6

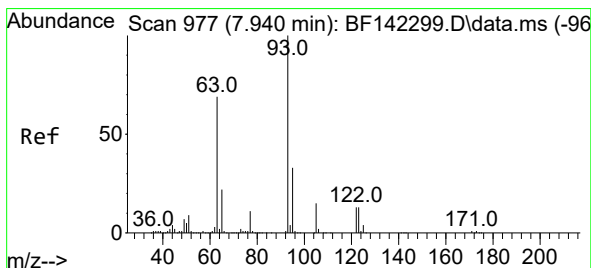
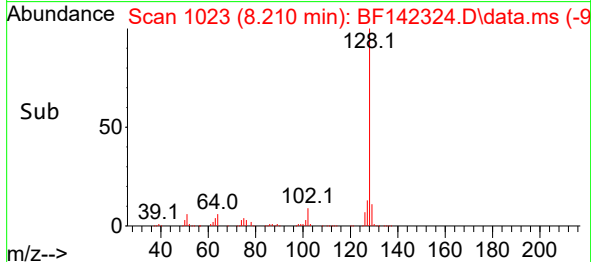
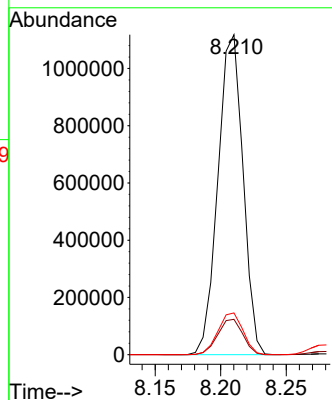
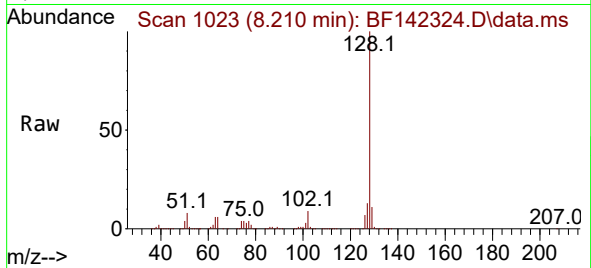




#31
Naphthalene
Concen: 39.202 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

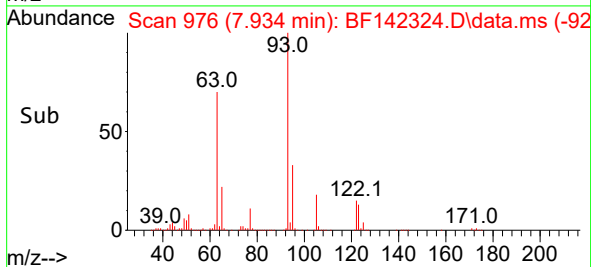
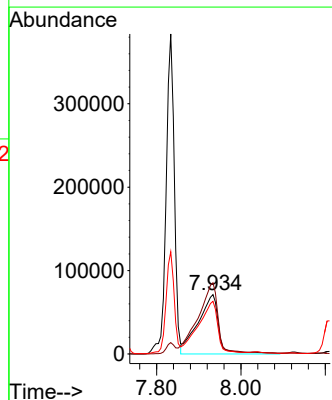
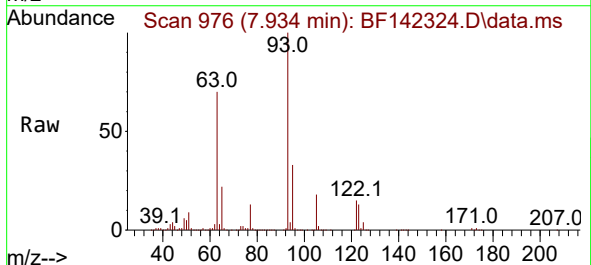
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

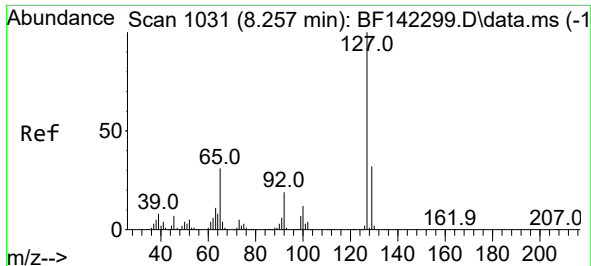
Tgt Ion:128 Resp: 1484514
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 39.755 ng m
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:122 Resp: 245057
Ion Ratio Lower Upper
122 100
105 120.0 97.9 137.9
77 88.7 67.7 107.7

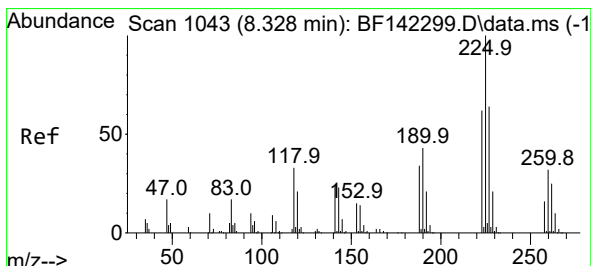
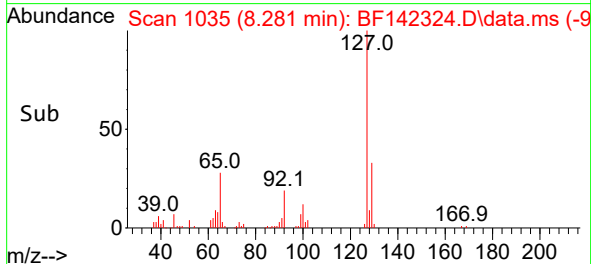
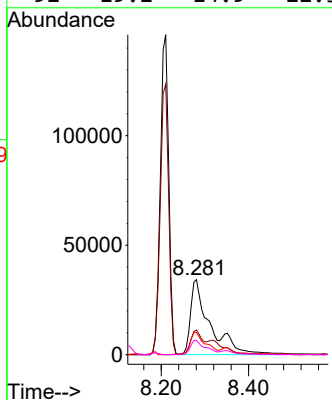
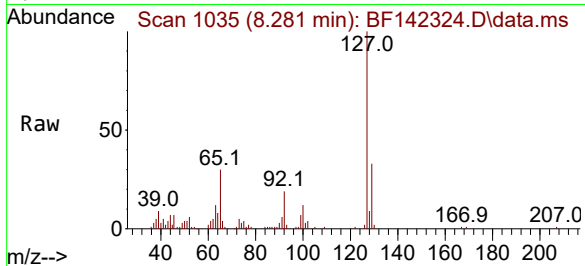




#33
4-Chloroaniline
Concen: 6.870 ng m
RT: 8.281 min Scan# 1035
Delta R.T. 0.024 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

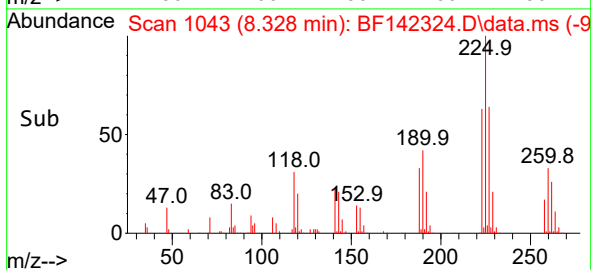
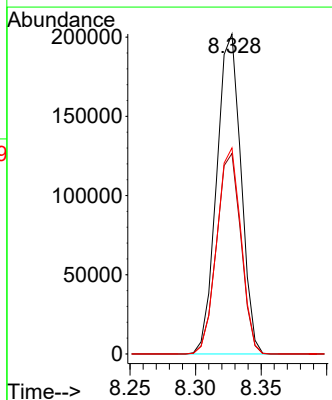
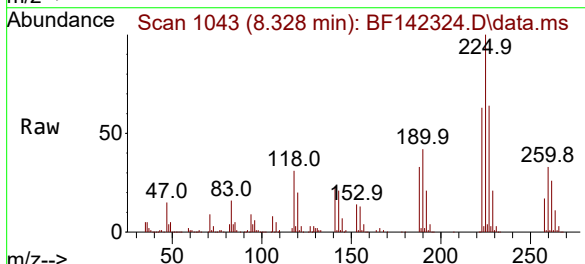
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

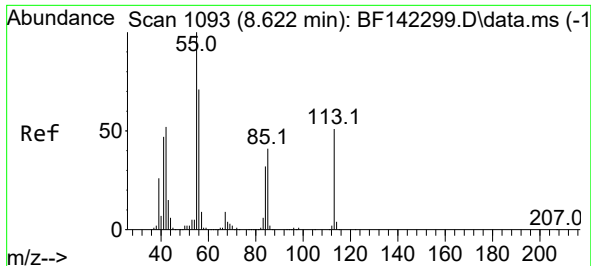
Tgt Ion	127	Resp: 106149	
	Ratio	Lower	Upper
127	100		
129	33.0	25.7	38.5
65	29.7	24.9	37.3
92	19.2	14.9	22.3



#34
Hexachlorobutadiene
Concen: 37.606 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

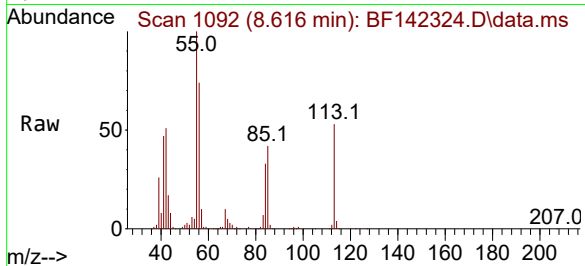
Tgt Ion:225	Resp: 259886
Ion Ratio	Lower Upper
225 100	
223 62.7	49.8 74.6
227 64.4	50.9 76.3



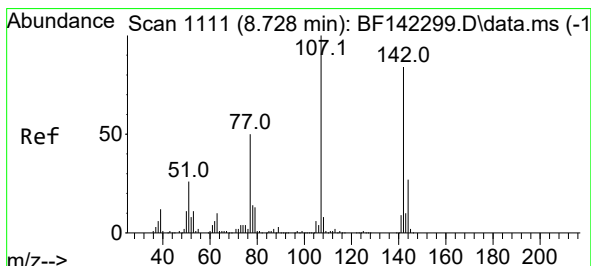
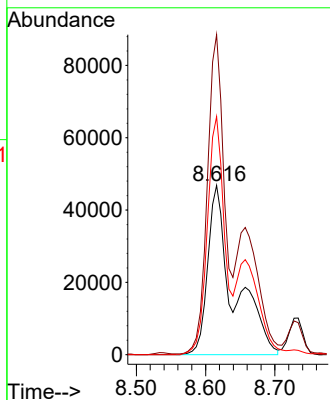
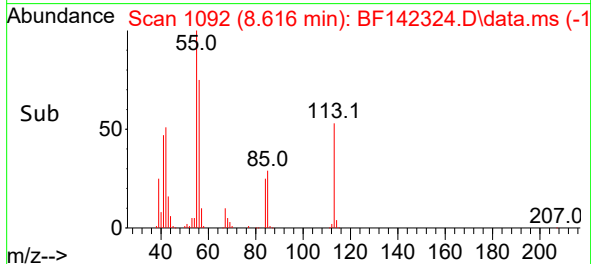


#35
Caprolactam
Concen: 40.426 ng m
RT: 8.616 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

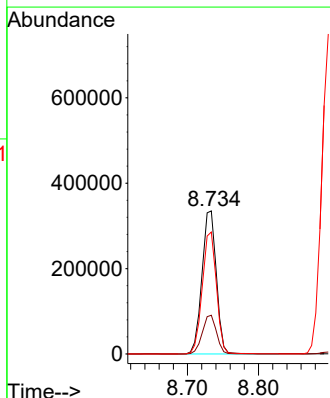
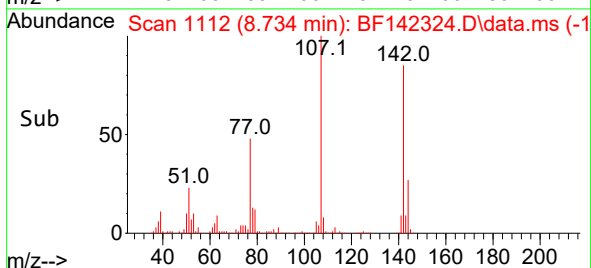
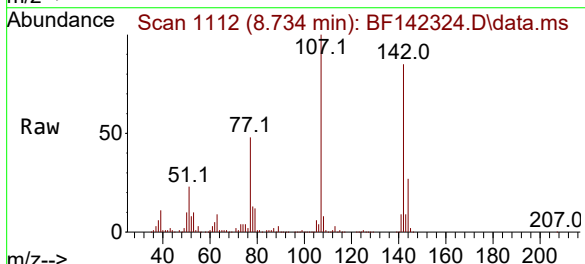


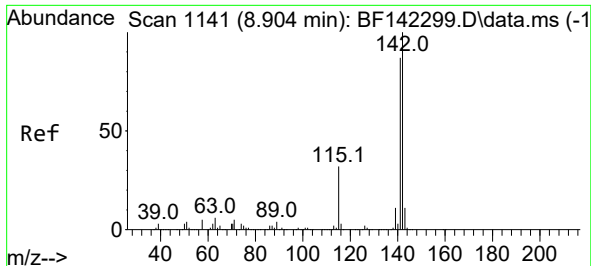
Tgt Ion:113 Resp: 122180
Ion Ratio Lower Upper
113 100
55 189.1 176.4 216.4
56 140.7 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 43.935 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:107 Resp: 473607
Ion Ratio Lower Upper
107 100
144 27.1 21.3 31.9
142 85.2 66.9 100.3

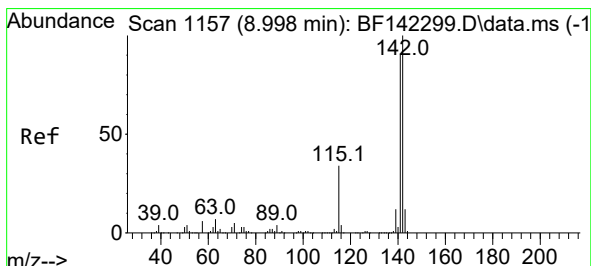
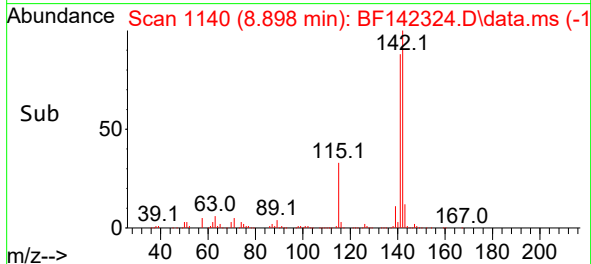
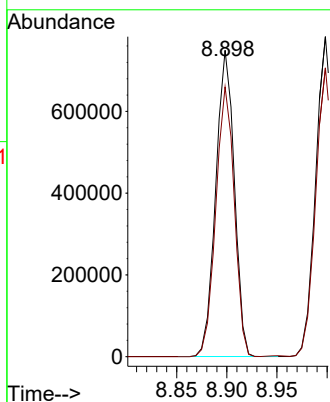
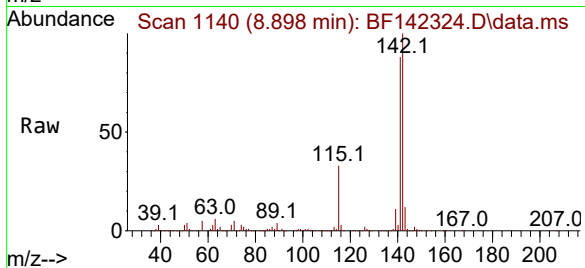




#37
2-Methylnaphthalene
Concen: 40.938 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

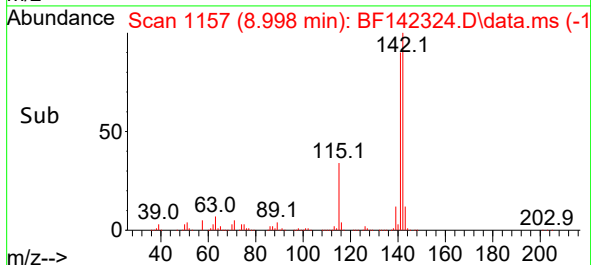
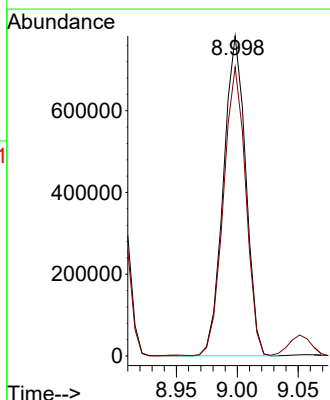
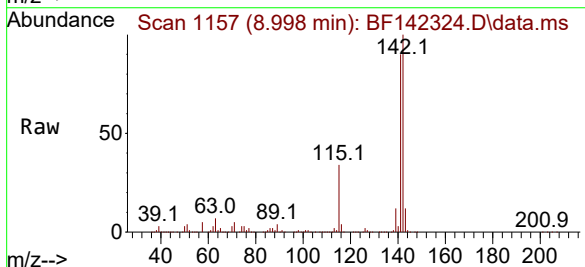
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

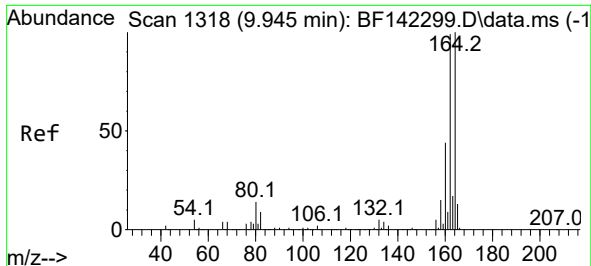
Tgt Ion:142 Resp: 963300
Ion Ratio Lower Upper
142 100
141 88.0 69.4 104.2



#38
1-Methylnaphthalene
Concen: 40.621 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:142 Resp: 996234
Ion Ratio Lower Upper
142 100
141 90.3 72.5 108.7

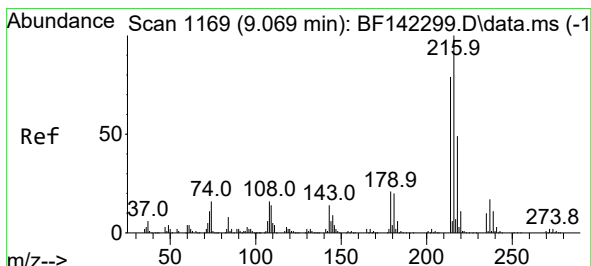
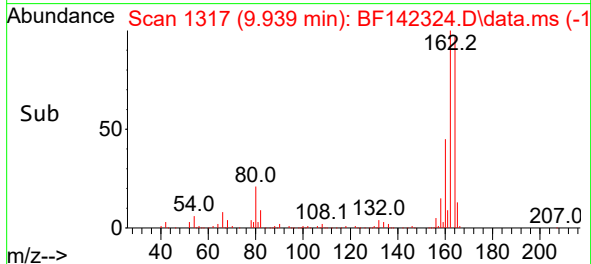
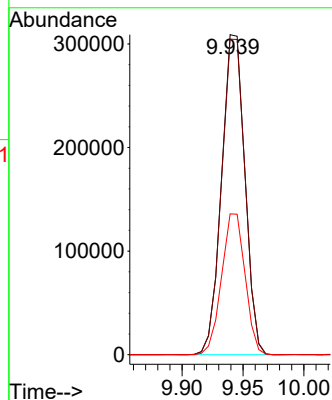
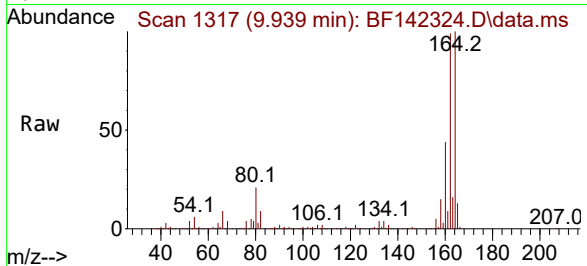




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

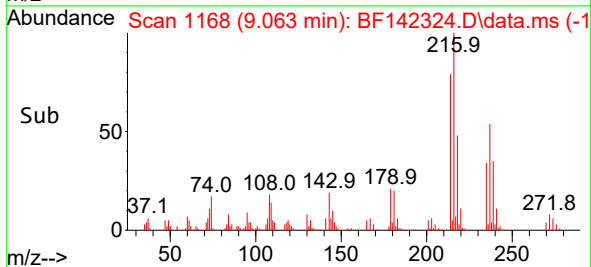
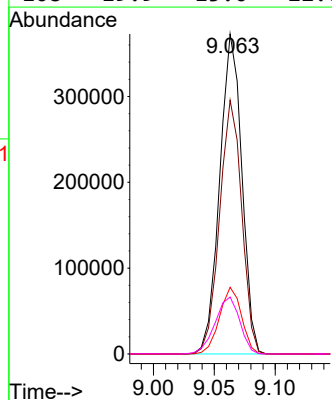
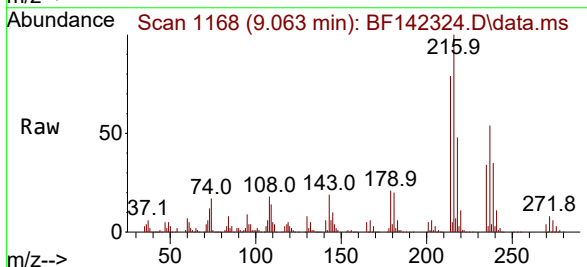
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

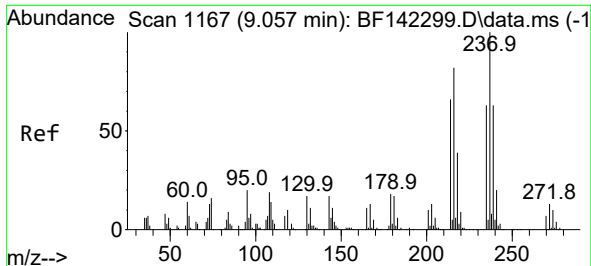
Tgt Ion:164 Resp: 411558
Ion Ratio Lower Upper
164 100
162 98.6 79.2 118.8
160 44.0 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.002 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:216 Resp: 471298
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 20.8 17.0 25.6
108 19.9 15.0 22.6

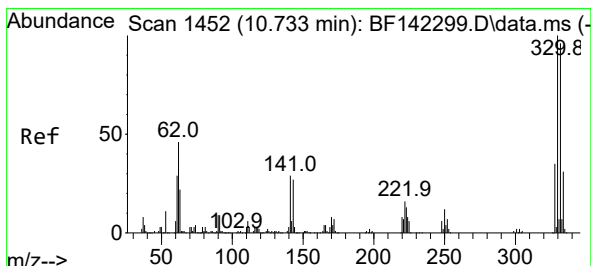
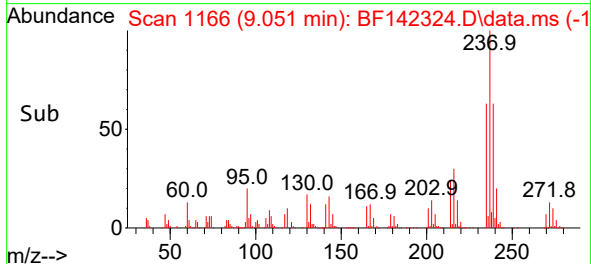
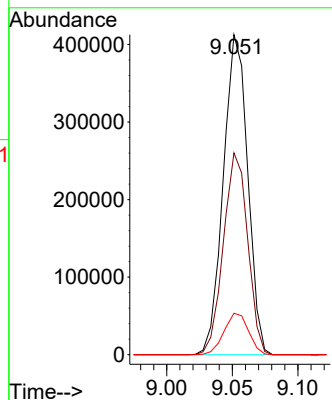
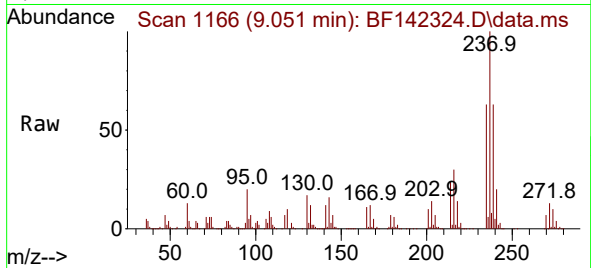




#41
Hexachlorocyclopentadiene
Concen: 75.066 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

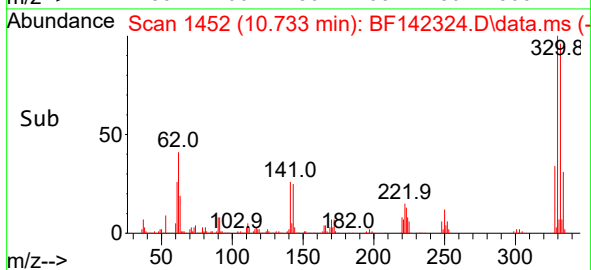
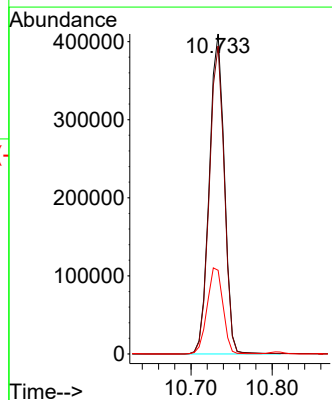
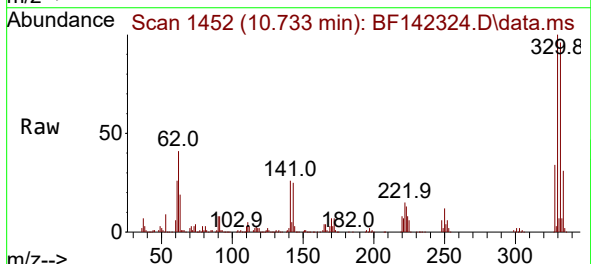
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

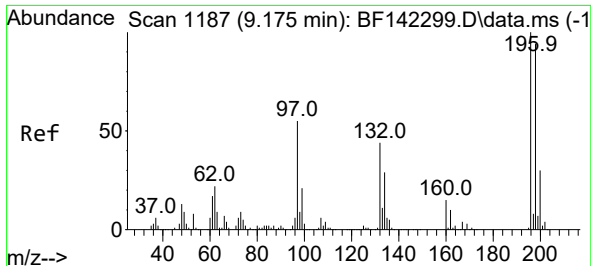
Tgt Ion:237 Resp: 533254
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 13.0 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 132.620 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:330 Resp: 526968
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 28.4 24.9 37.3

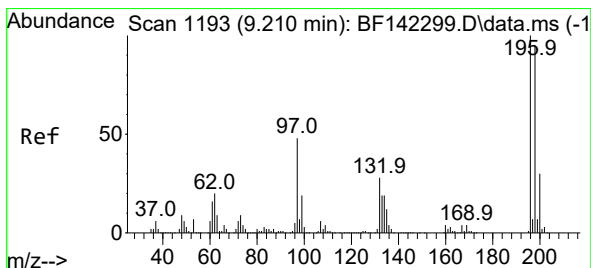
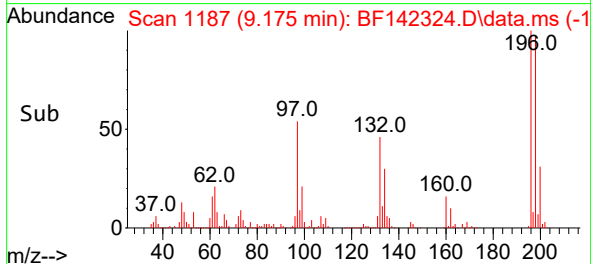
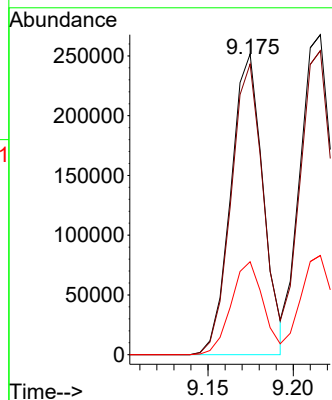
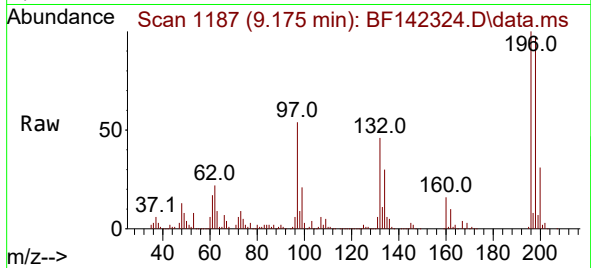




#43
 2,4,6-Trichlorophenol
 Concen: 45.787 ng
 RT: 9.175 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

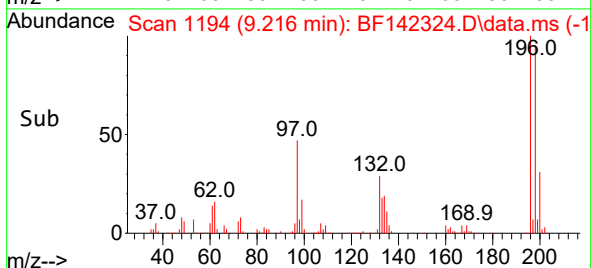
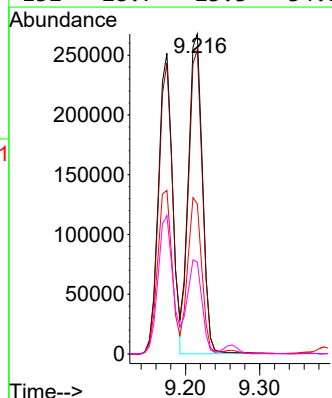
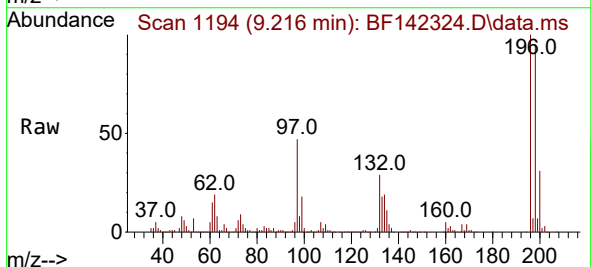
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MSD

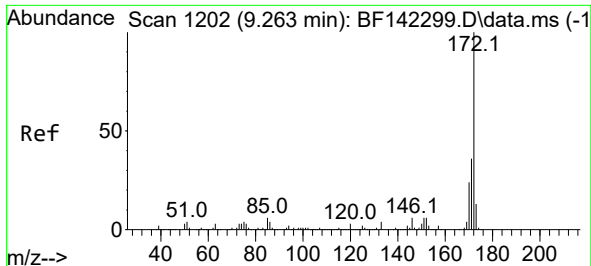
Tgt Ion:196 Resp: 331968
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.4 113.0
 200 30.9 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.803 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

Tgt Ion:196 Resp: 353343
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.1 114.1
 97 46.9 39.0 58.4
 132 28.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 73.927 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

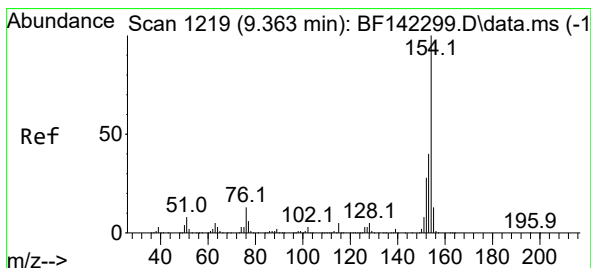
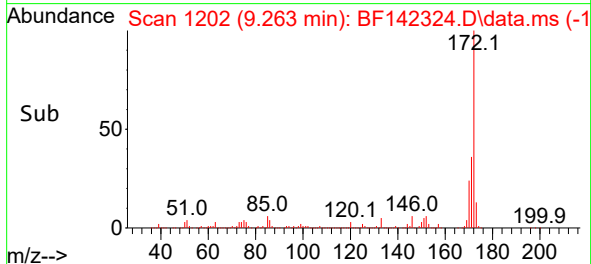
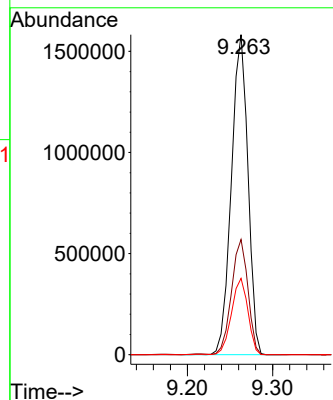
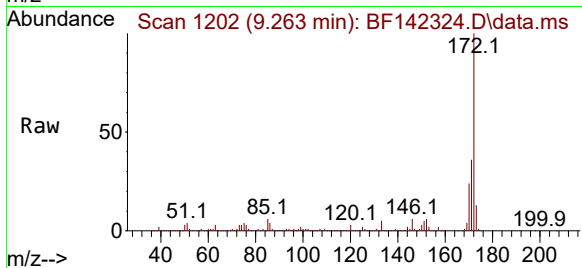
Tgt Ion:172 Resp: 2133804

Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 42.112 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

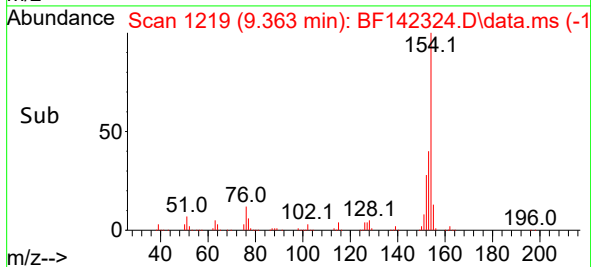
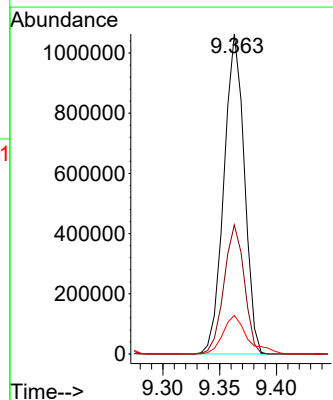
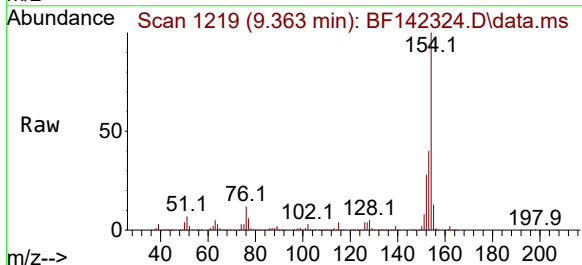
Tgt Ion:154 Resp: 1328874

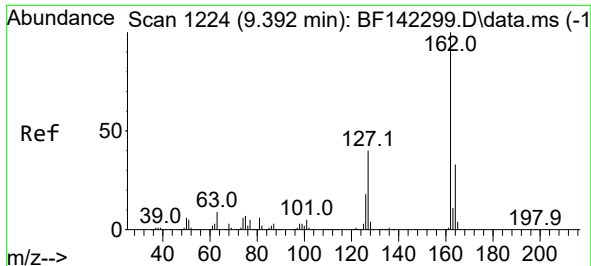
Ion Ratio Lower Upper

154 100

153 40.3 20.5 60.5

76 12.0 0.0 32.8

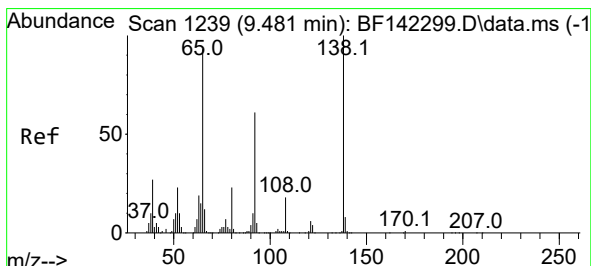
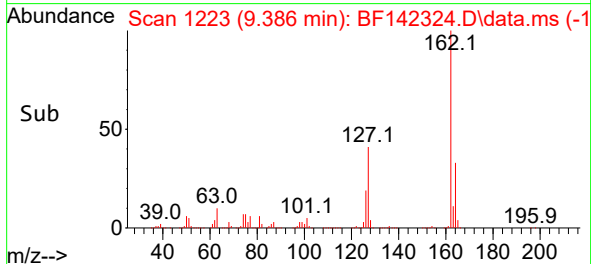
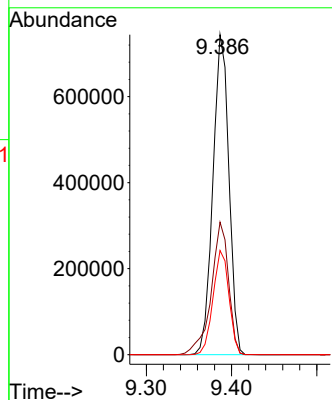
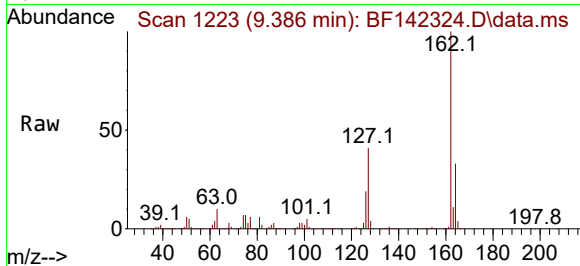




#47
2-Chloronaphthalene
Concen: 41.459 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

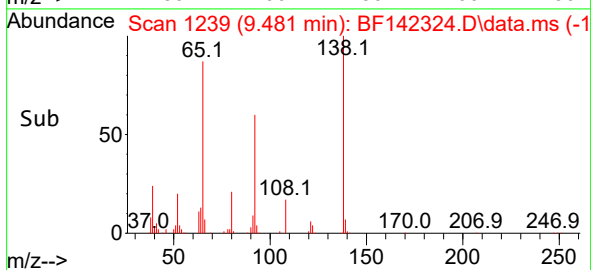
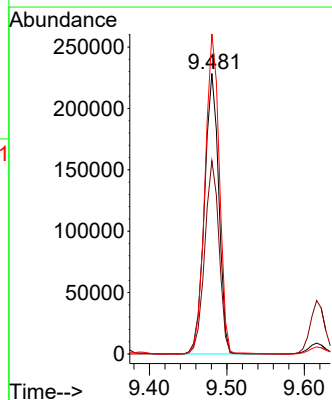
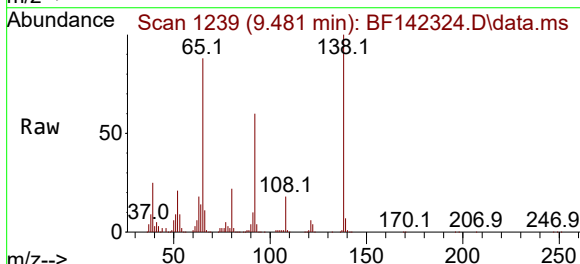
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

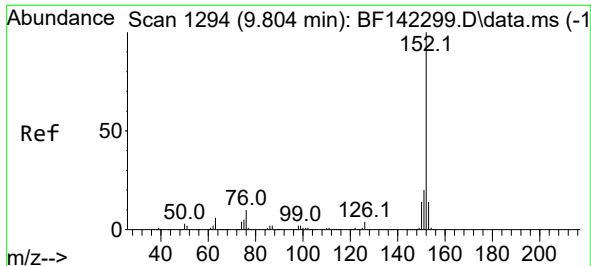
Tgt Ion:162 Resp: 972939
Ion Ratio Lower Upper
162 100
127 41.4 32.3 48.5
164 32.6 26.6 40.0



#48
2-Nitroaniline
Concen: 48.685 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion: 65 Resp: 292851
Ion Ratio Lower Upper
65 100
92 68.9 52.3 78.5
138 114.1 85.6 128.4

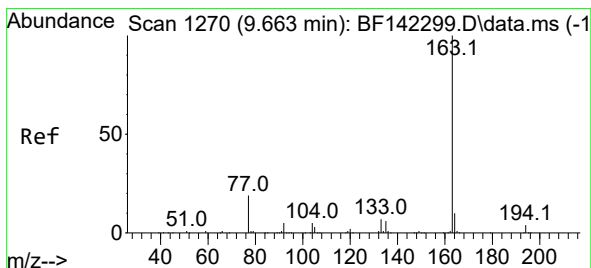
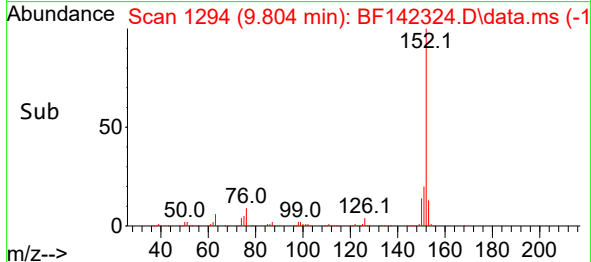
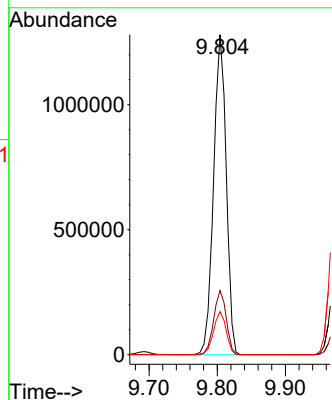
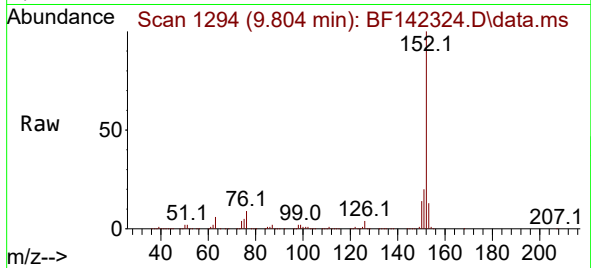




#49
Acenaphthylene
Concen: 42.131 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

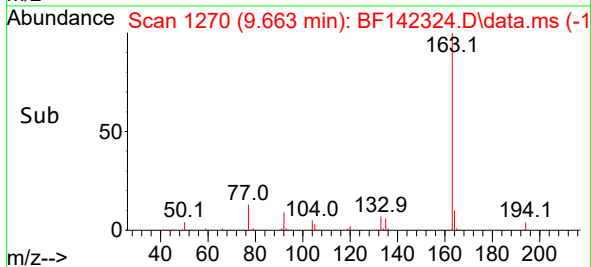
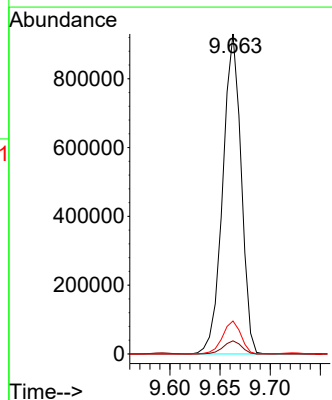
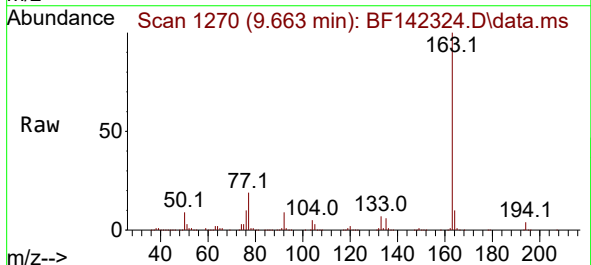
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

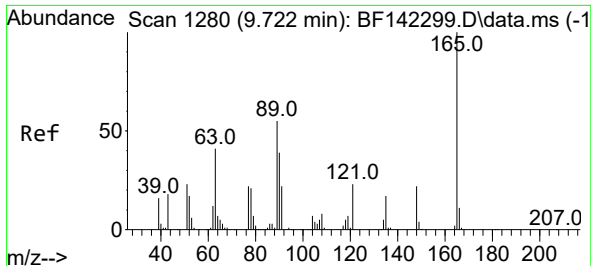
Tgt Ion:152 Resp: 1653983
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 44.848 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:163 Resp: 1185215
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 8.3 12.5

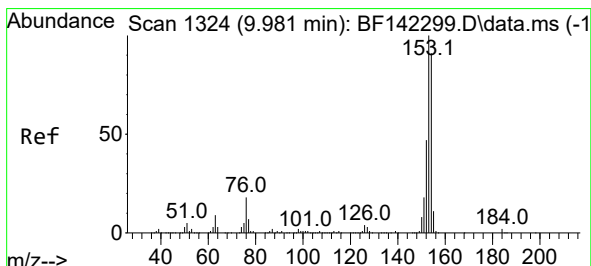
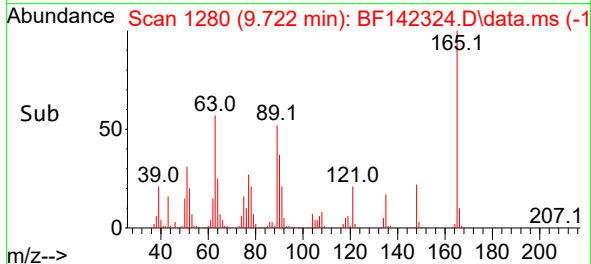
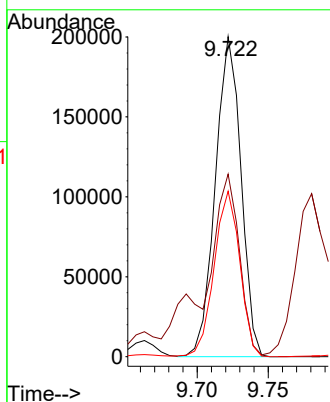
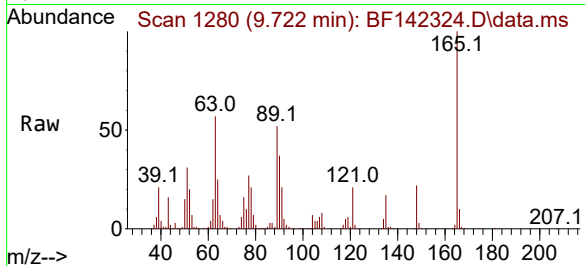




#51
2,6-Dinitrotoluene
Concen: 50.756 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

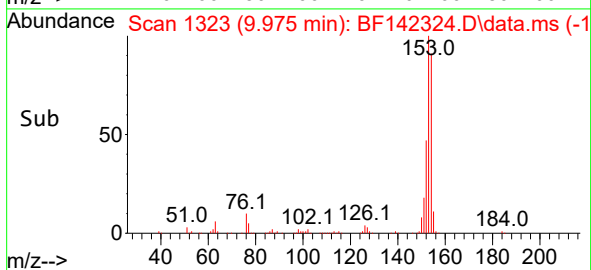
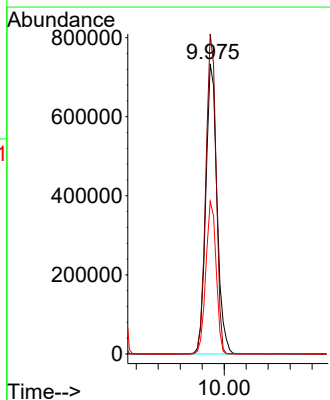
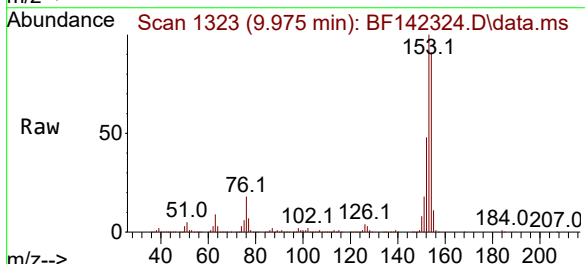
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

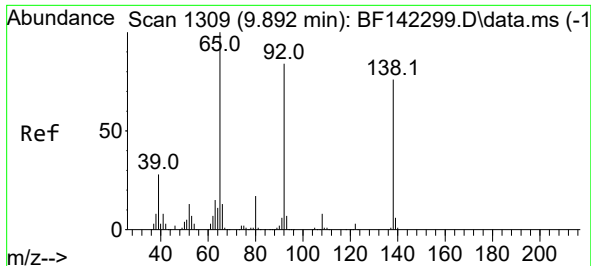
Tgt Ion:165 Resp: 251074
Ion Ratio Lower Upper
165 100
63 57.1 49.5 74.3
89 51.7 44.6 66.8



#52
Acenaphthene
Concen: 44.144 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:154 Resp: 1042029
Ion Ratio Lower Upper
154 100
153 110.3 88.0 132.0
152 52.6 41.6 62.4

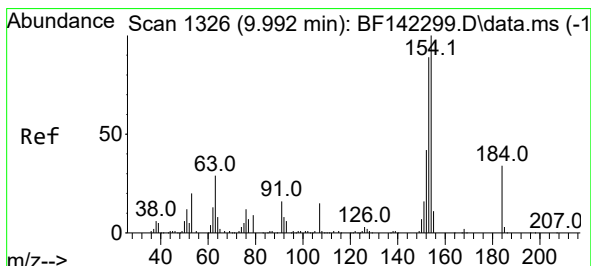
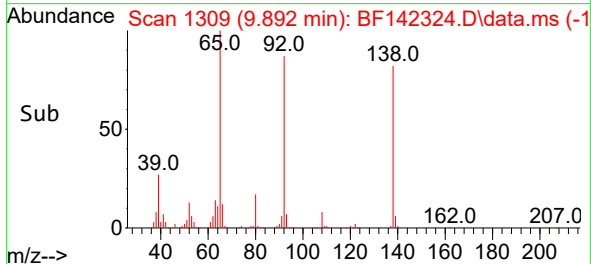
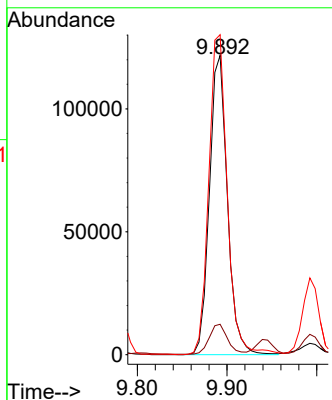
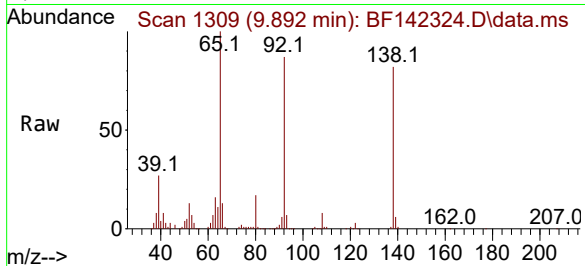




#53
3-Nitroaniline
Concen: 29.203 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

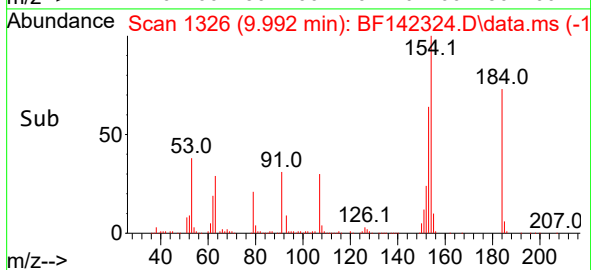
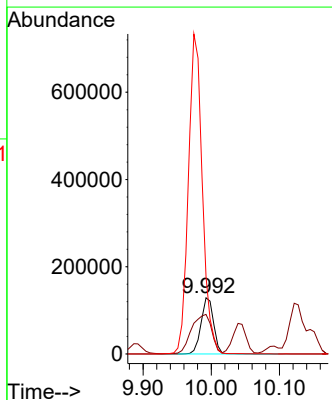
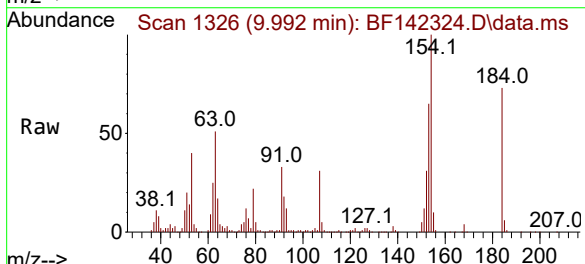
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

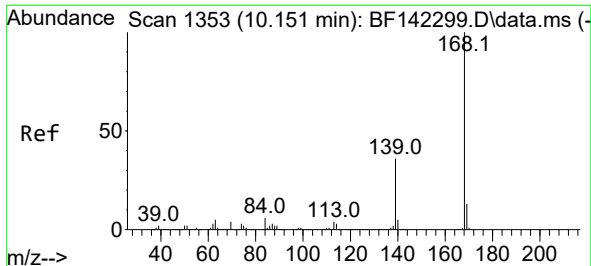
Tgt Ion:138 Resp: 169421
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 106.9 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 65.067 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:184 Resp: 164296
Ion Ratio Lower Upper
184 100
63 70.4 70.6 105.8#
154 136.7 257.2 385.8#

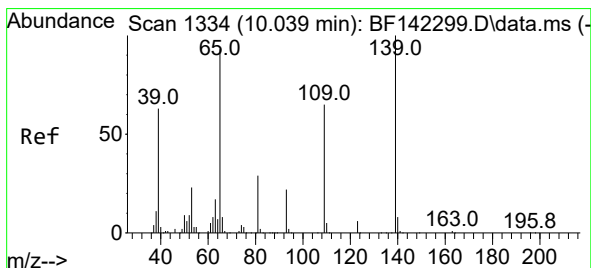
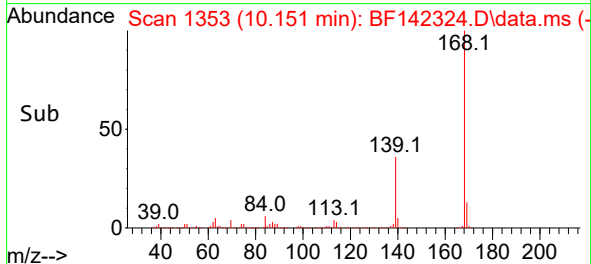
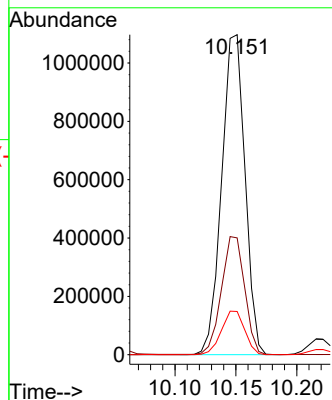
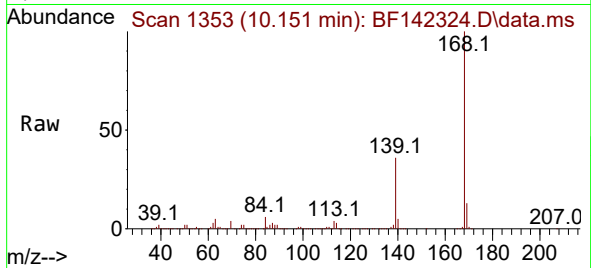




#55
Dibenzenofuran
Concen: 41.978 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

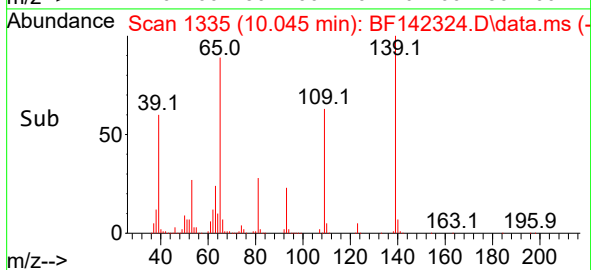
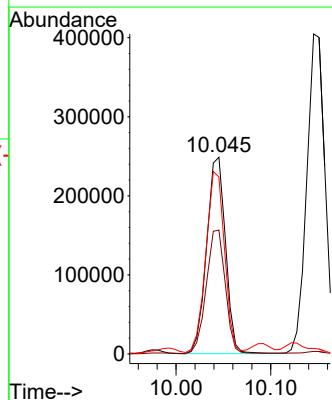
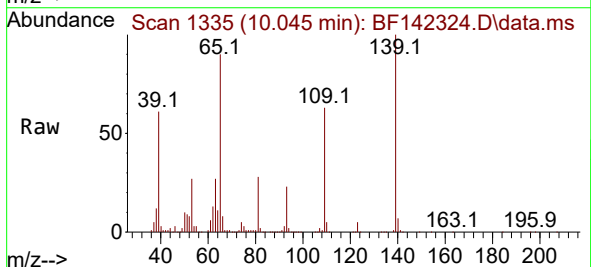
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

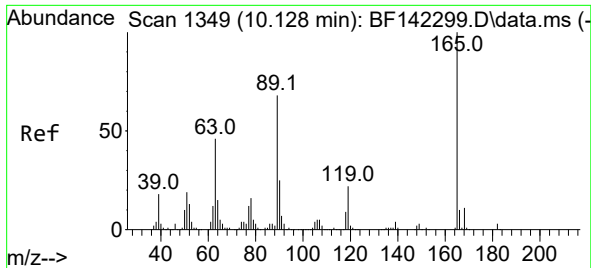
Tgt Ion:168 Resp: 1462393
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 78.741 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:139 Resp: 343810
Ion Ratio Lower Upper
139 100
109 62.9 45.3 85.3
65 89.9 73.9 113.9

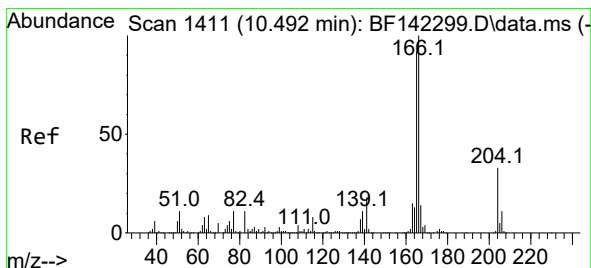
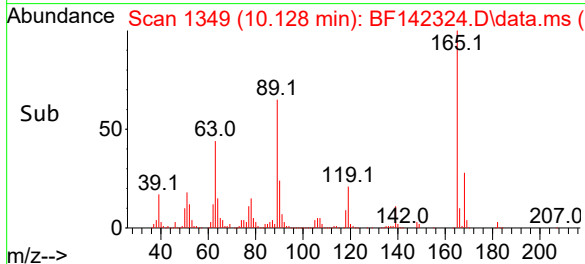
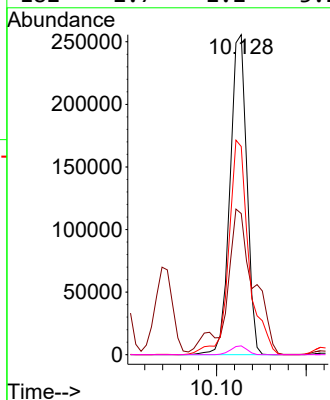
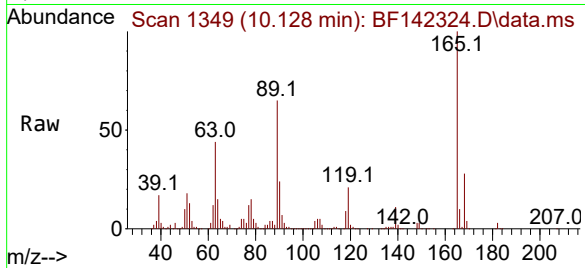




#57
2,4-Dinitrotoluene
Concen: 52.457 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

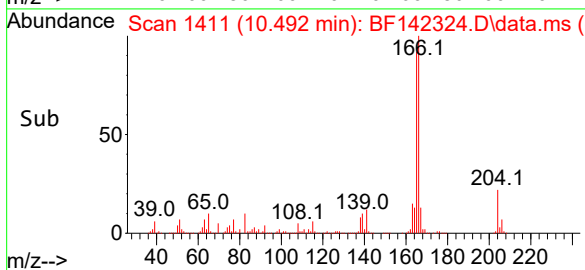
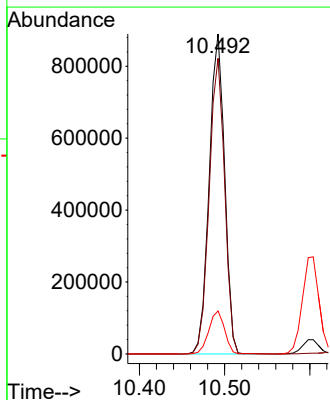
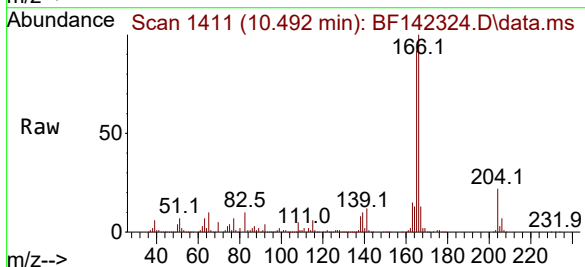
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

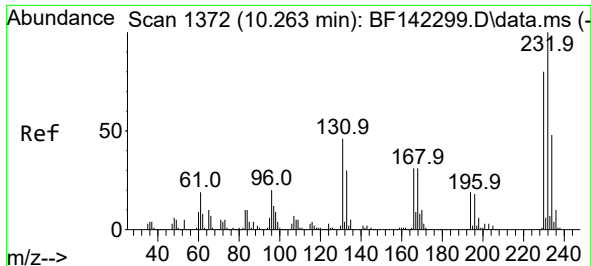
Tgt Ion:165 Resp: 332852
Ion Ratio Lower Upper
165 100
63 44.1 37.1 55.7
89 65.0 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.060 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:166 Resp: 1118204
Ion Ratio Lower Upper
166 100
165 92.4 74.0 111.0
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.435 ng

RT: 10.263 min Scan# 1372

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

Tgt Ion:232 Resp: 295712

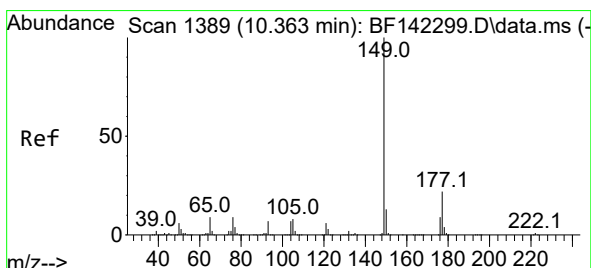
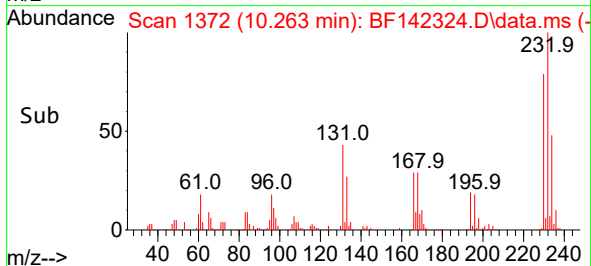
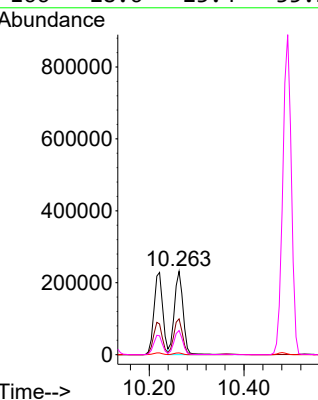
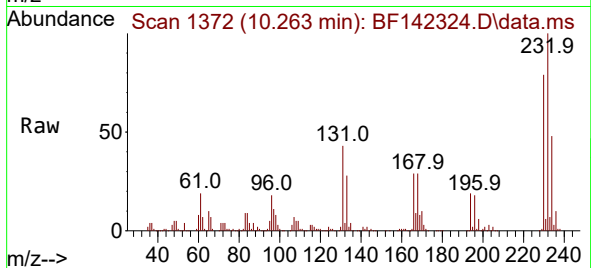
Ion Ratio Lower Upper

232 100

131 43.4 36.0 54.0

130 2.1 1.8 2.6

166 28.6 23.4 35.2



#60

Diethylphthalate

Concen: 44.581 ng

RT: 10.363 min Scan# 1389

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

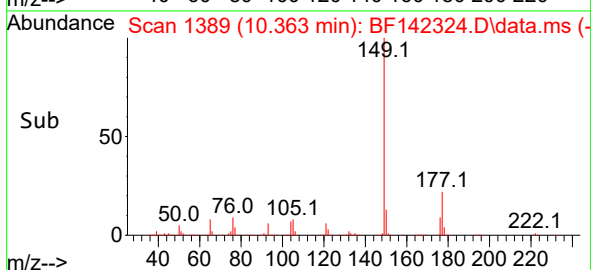
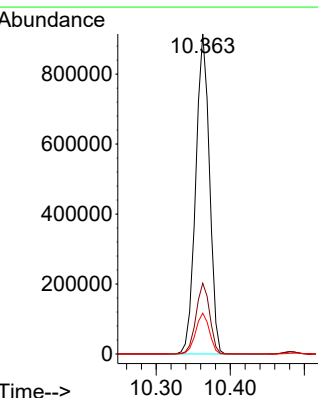
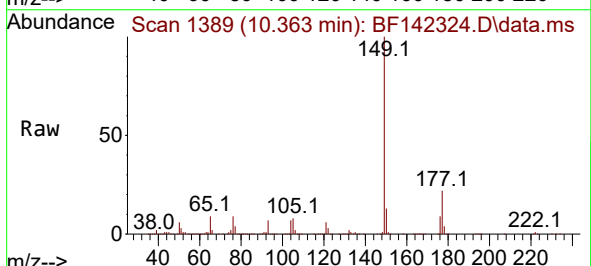
Tgt Ion:149 Resp: 1176564

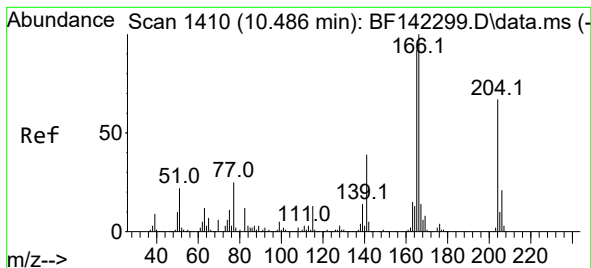
Ion Ratio Lower Upper

149 100

177 22.1 17.6 26.4

150 12.8 10.1 15.1

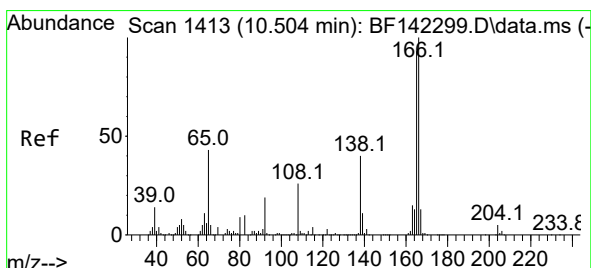
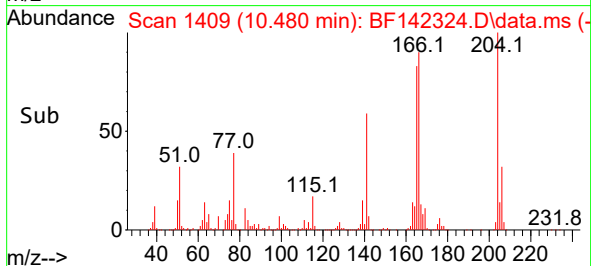
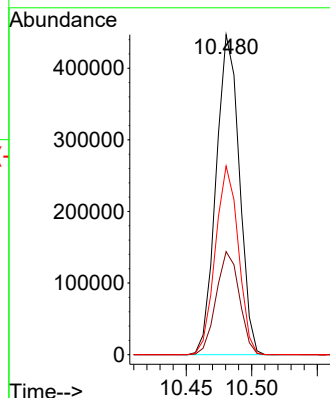
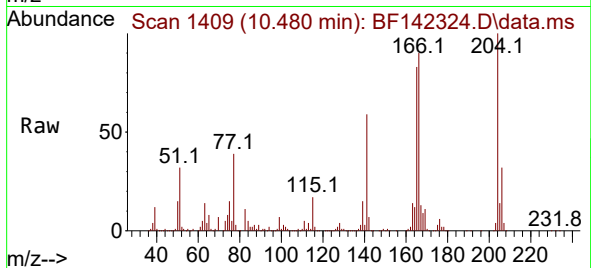




#61
4-Chlorophenyl-phenylether
Concen: 42.865 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

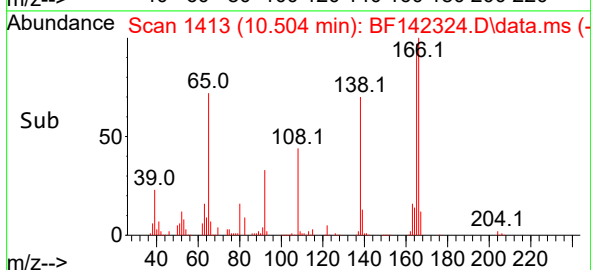
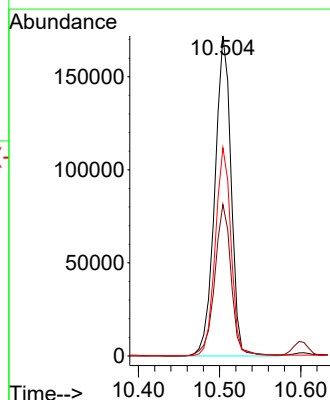
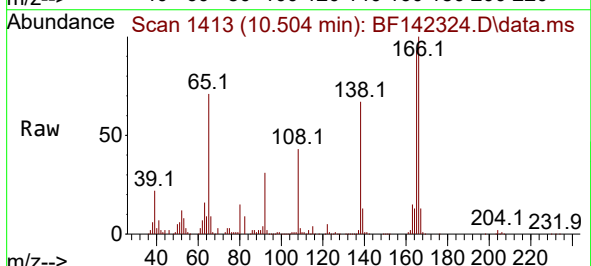
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

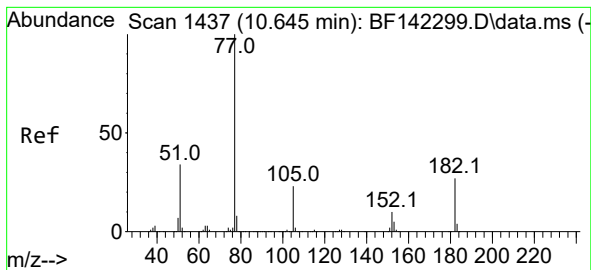
Tgt Ion:204 Resp: 549809
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 59.0 46.4 69.6



#62
4-Nitroaniline
Concen: 52.174 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:138 Resp: 239904
Ion Ratio Lower Upper
138 100
92 47.3 27.3 67.3
108 65.1 45.1 85.1



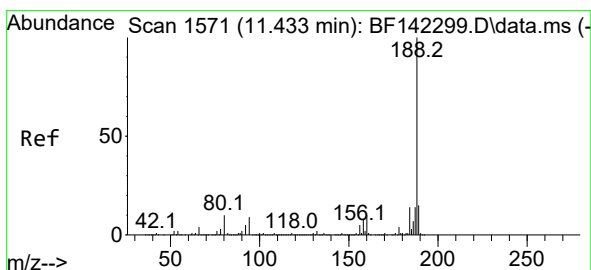
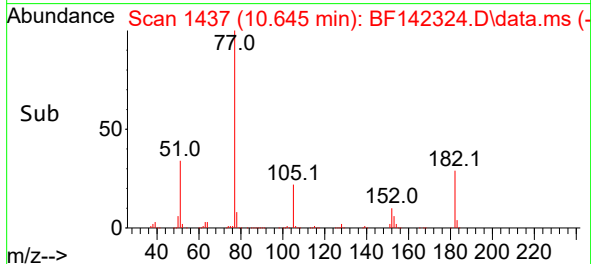
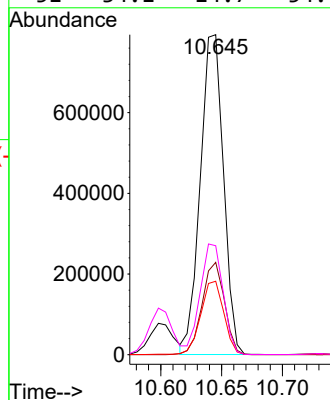
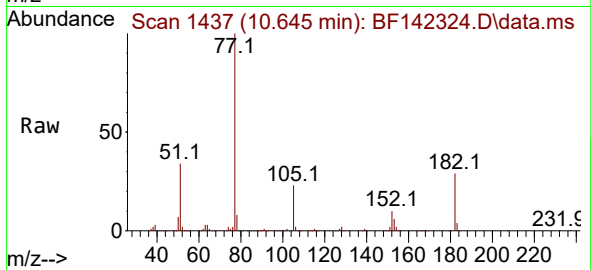


#63
Azobenzene
Concen: 41.671 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

Tgt Ion: 77 Resp: 1050922

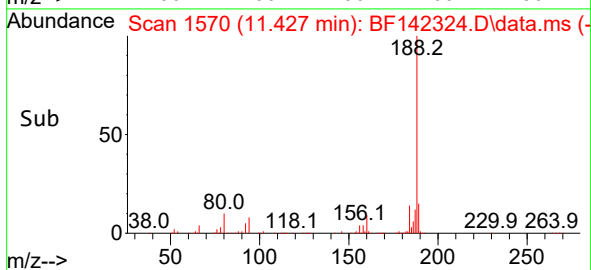
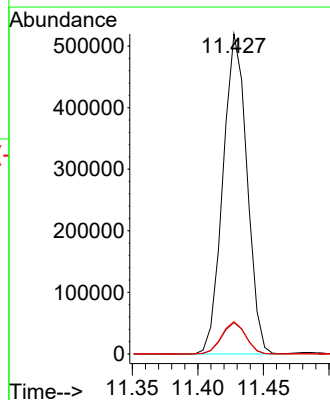
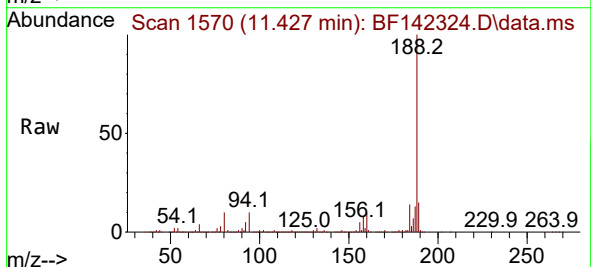
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.9	46.9
105	22.9	2.7	42.7
51	34.1	14.7	54.7

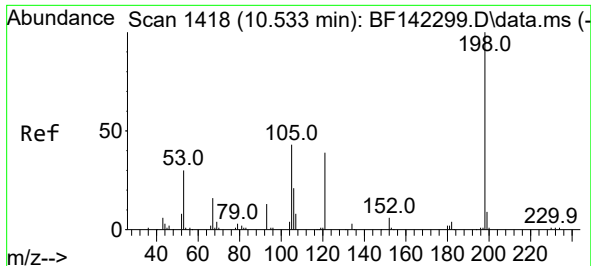


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion: 188 Resp: 662613

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.1	7.9	11.9

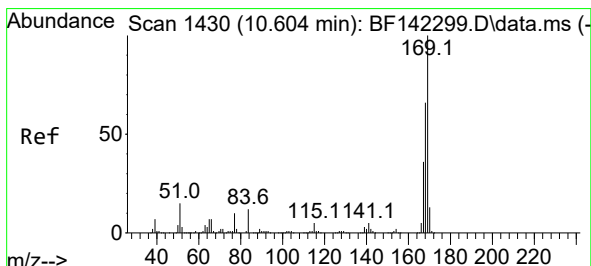
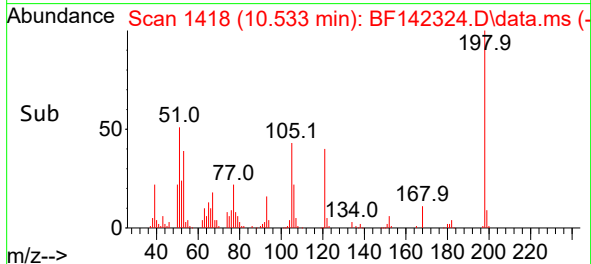
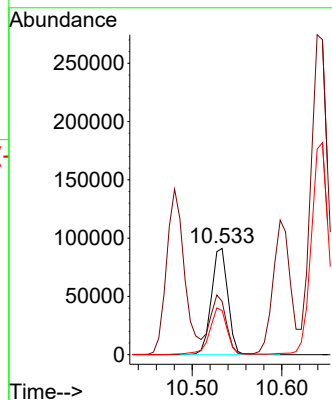
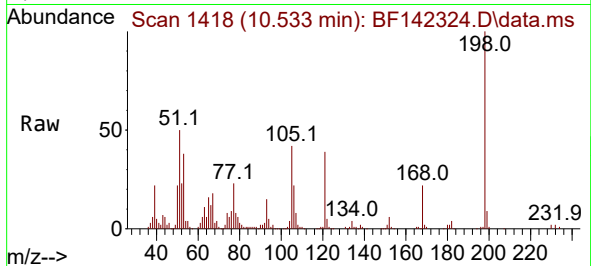




#65
4,6-Dinitro-2-methylphenol
Concen: 39.159 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

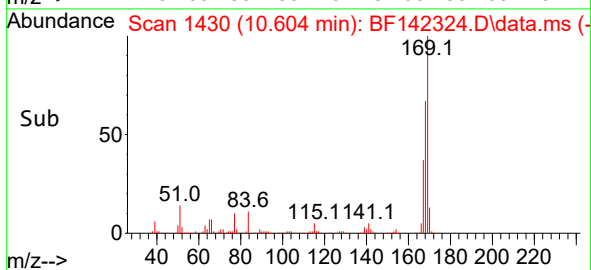
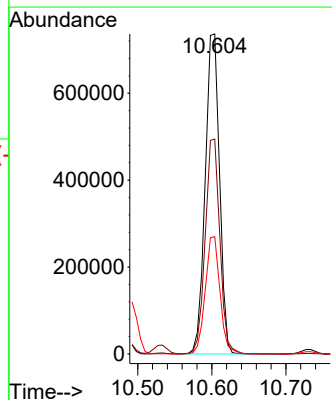
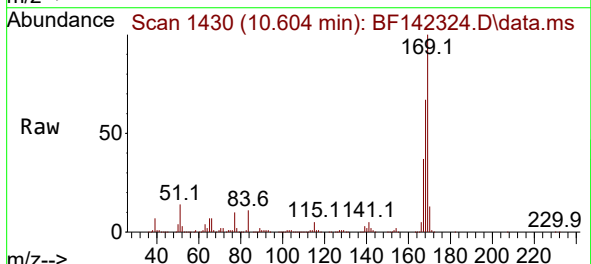
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

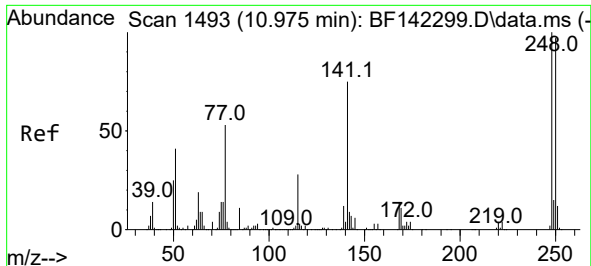
Tgt Ion:198 Resp: 116145
Ion Ratio Lower Upper
198 100
51 50.1 32.9 72.9
105 41.6 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 44.913 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:169 Resp: 990288
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.7 28.9 43.3

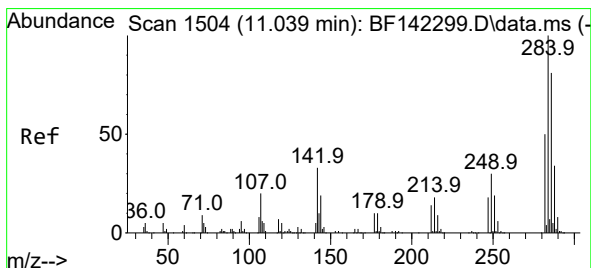
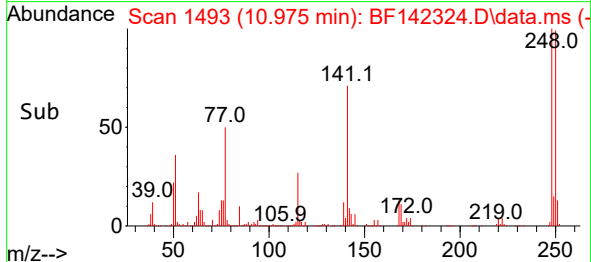
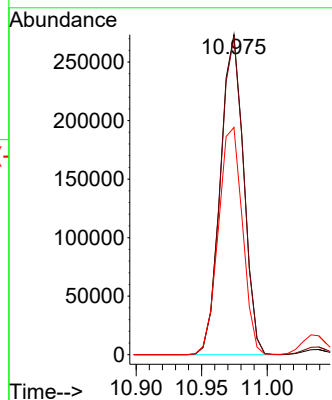
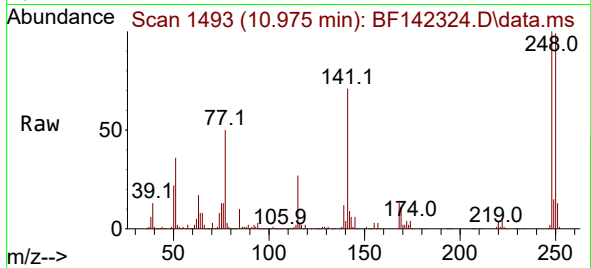




#67
4-Bromophenyl-phenylether
Concen: 44.957 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

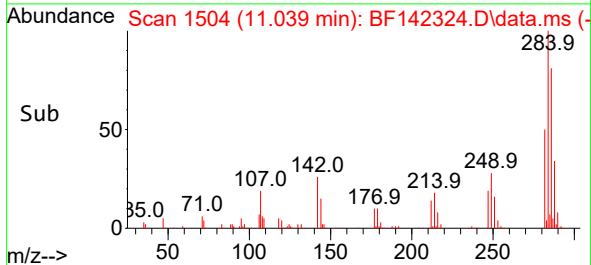
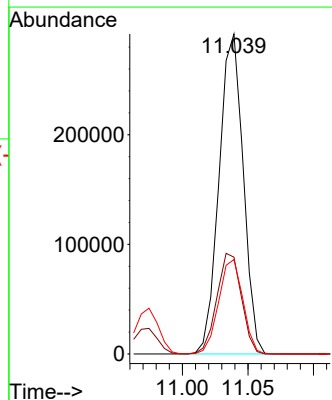
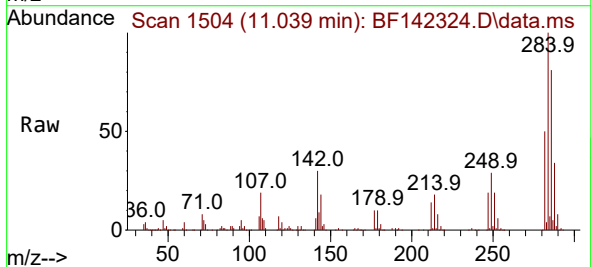
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

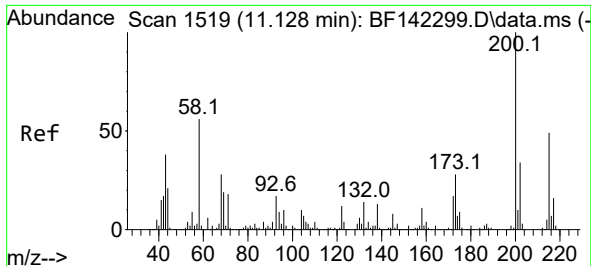
Tgt Ion:248 Resp: 337613
Ion Ratio Lower Upper
248 100
250 99.2 77.9 116.9
141 71.0 59.8 89.8



#68
Hexachlorobenzene
Concen: 45.203 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:284 Resp: 373394
Ion Ratio Lower Upper
284 100
142 30.2 26.6 39.8
249 29.5 24.1 36.1

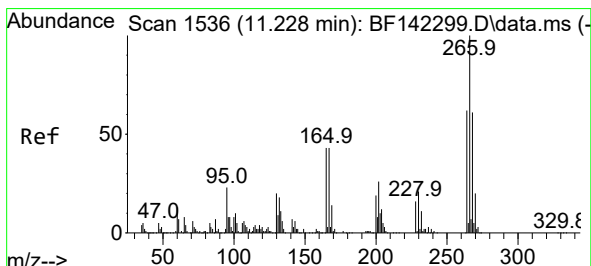
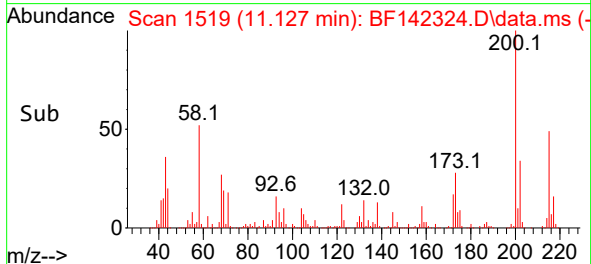
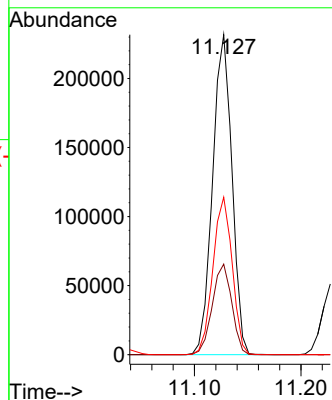
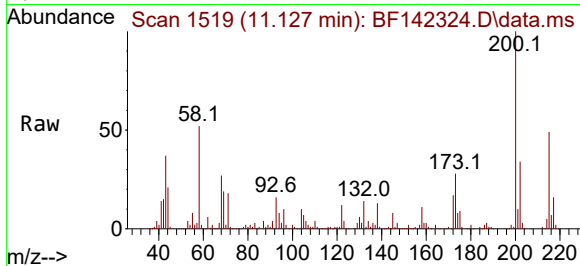




#69
 Atrazine
 Concen: 50.350 ng
 RT: 11.127 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

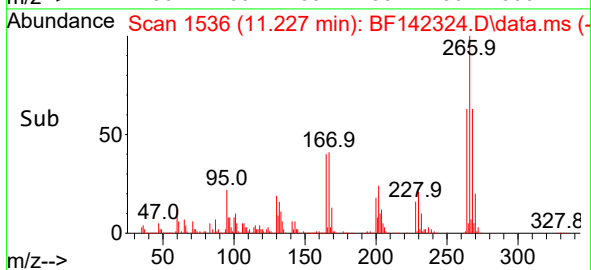
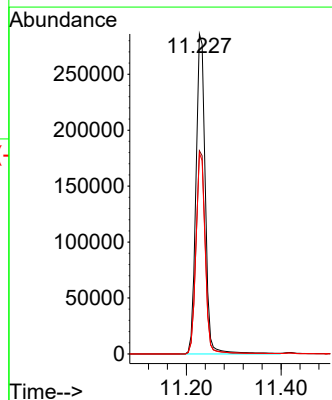
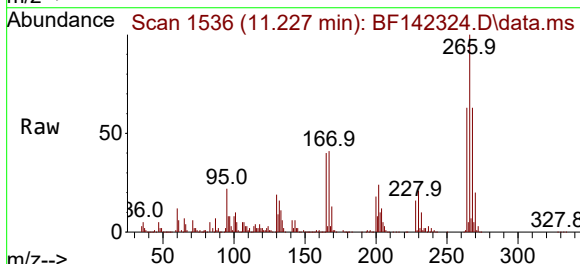
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MSD

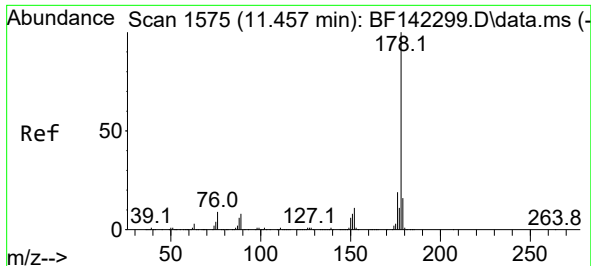
Tgt Ion:200 Resp: 292643
 Ion Ratio Lower Upper
 200 100
 173 28.3 8.1 48.1
 215 49.2 28.8 68.8



#70
 Pentachlorophenol
 Concen: 89.951 ng
 RT: 11.227 min Scan# 1536
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

Tgt Ion:266 Resp: 390889
 Ion Ratio Lower Upper
 266 100
 268 63.5 48.7 73.1
 264 62.8 49.8 74.6

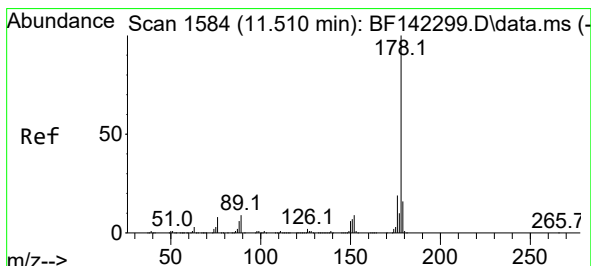
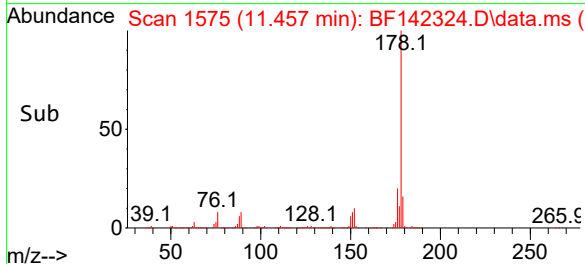
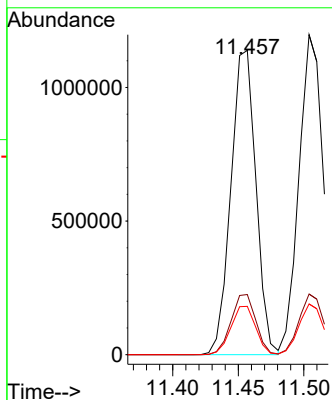
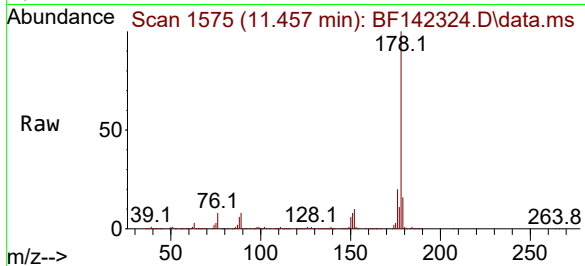




#71
Phenanthrene
Concen: 43.629 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

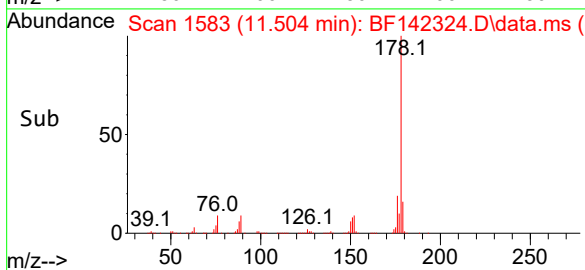
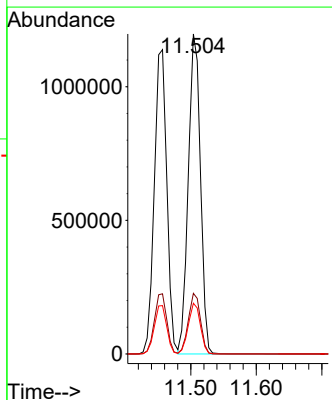
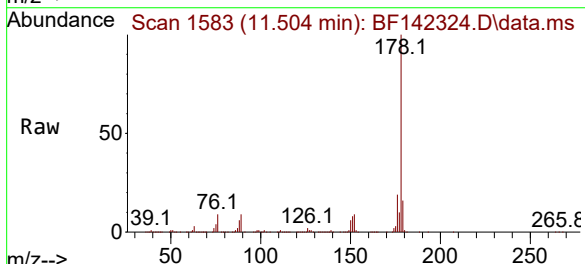
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

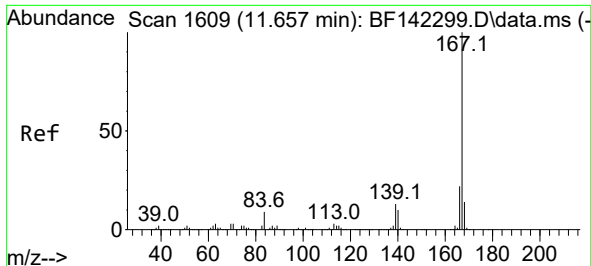
Tgt Ion:178 Resp: 1515338
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.6 18.8



#72
Anthracene
Concen: 43.043 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:178 Resp: 1536092
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.8 12.6 18.8

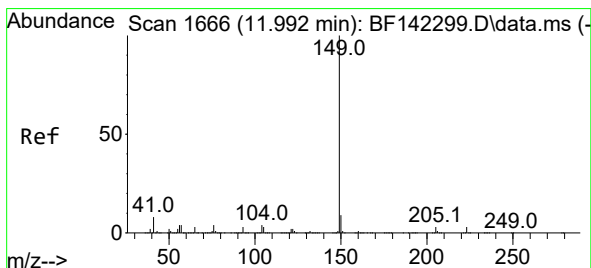
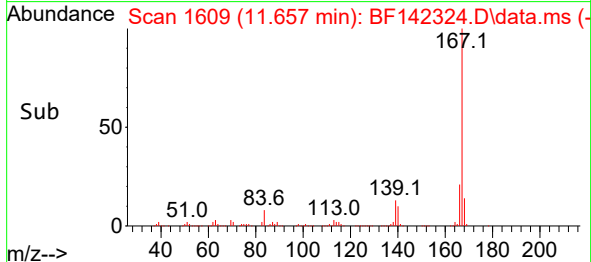
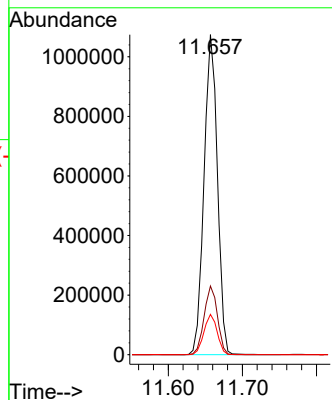
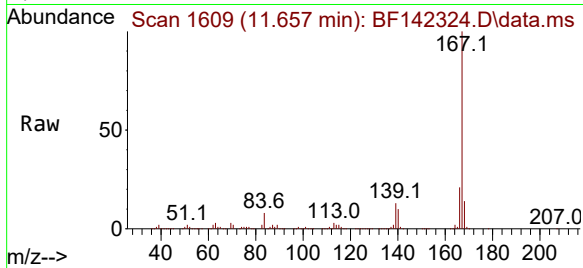




#73
 Carbazole
 Concen: 42.033 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

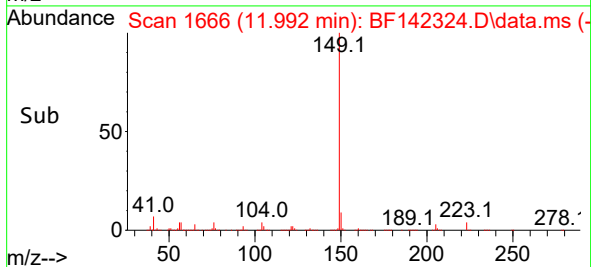
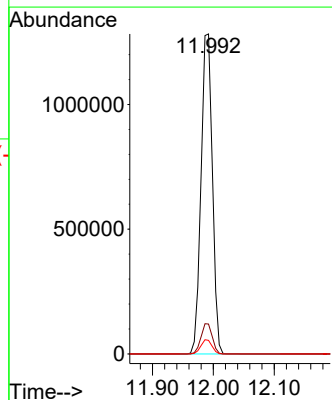
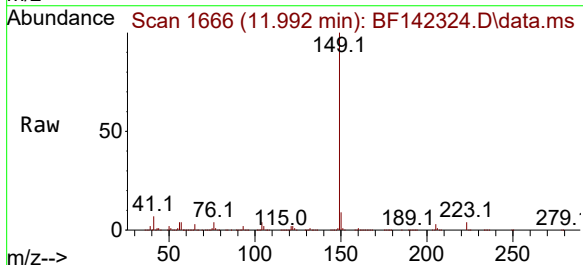
Instrument :
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 ClientSampleId :
 OR-636-COMP-01MSD

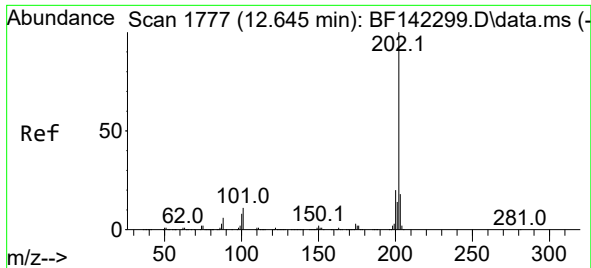
Tgt Ion:167 Resp: 1345792
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.6 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 49.342 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

Tgt Ion:149 Resp: 1661239
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.3 3.6 5.4

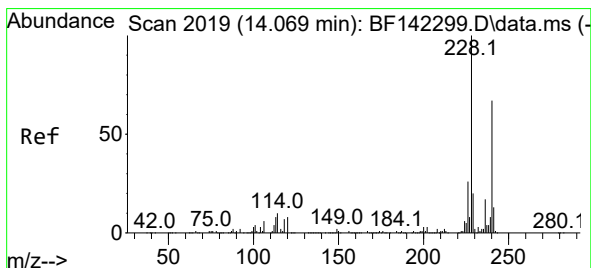
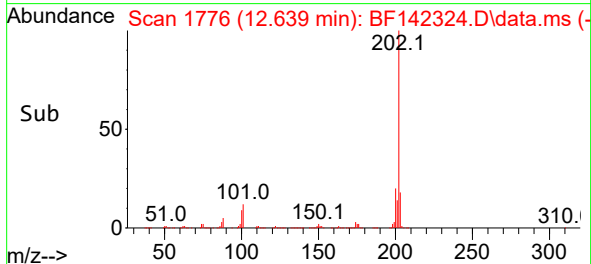
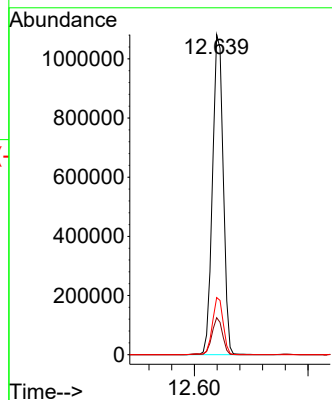
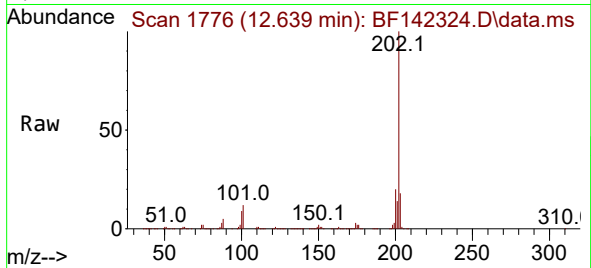




#75
Fluoranthene
Concen: 40.658 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

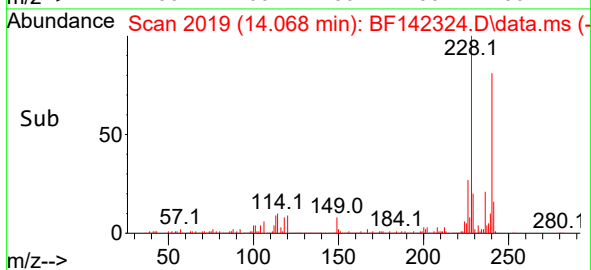
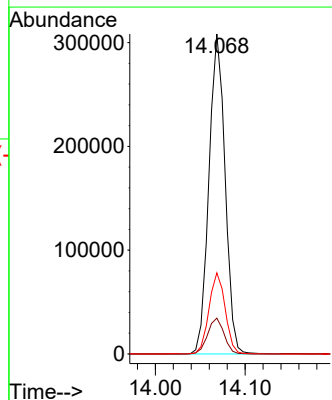
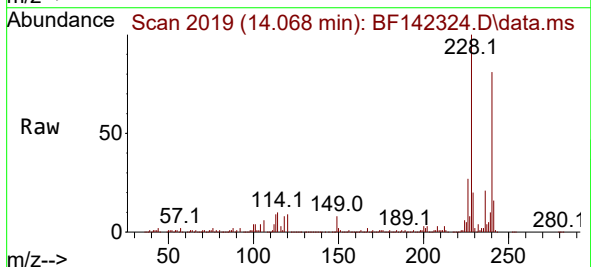
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BNA_F
ClientSampleId :
OR-636-COMP-01MSD

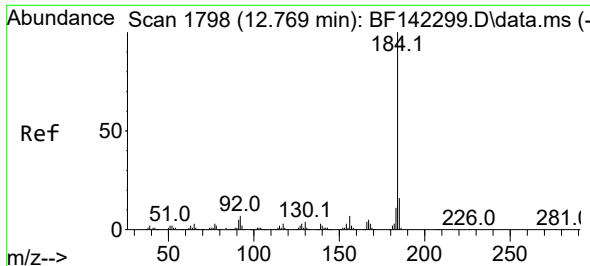
Tgt Ion:202 Resp: 1411611
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:240 Resp: 385368
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 25.4 20.0 30.0

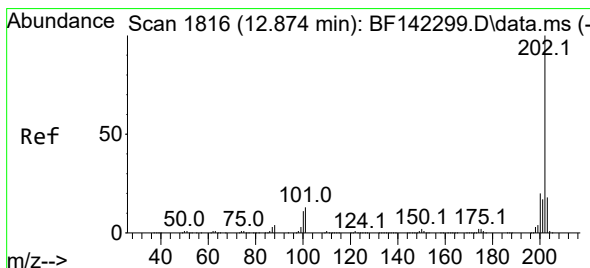
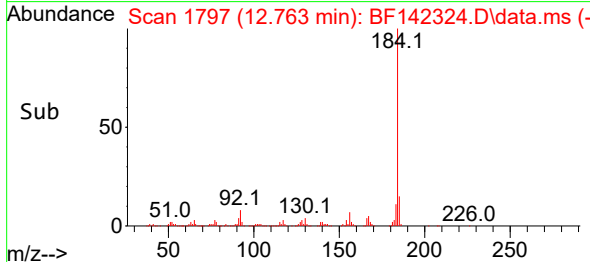
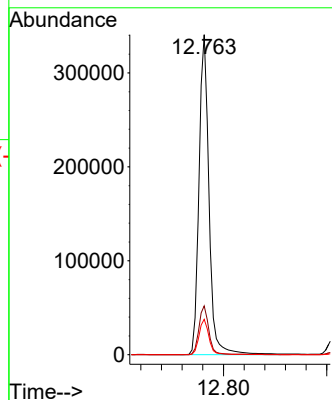
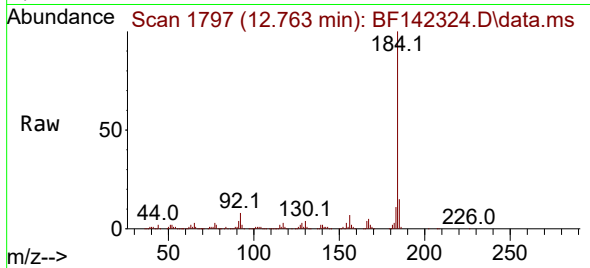




#77
Benzidine
Concen: 65.278 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

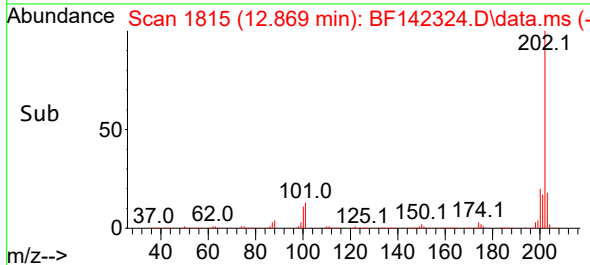
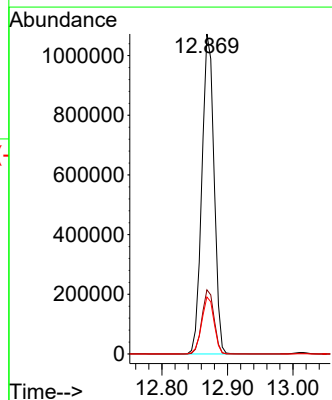
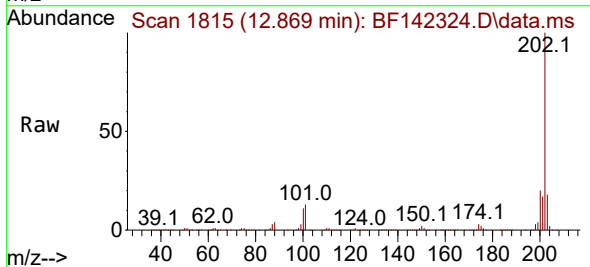
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BNA_F
ClientSampleId :
OR-636-COMP-01MSD

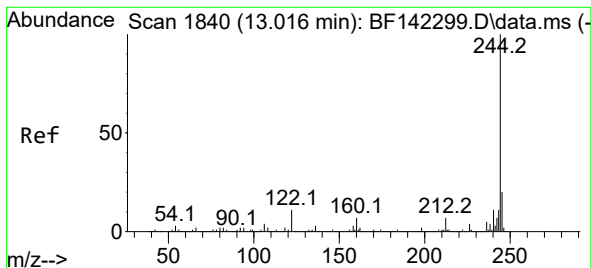
Tgt Ion:184 Resp: 457156
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 11.1 8.6 12.8



#78
Pyrene
Concen: 40.484 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:202 Resp: 1388661
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 71.886 ng

RT: 13.016 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

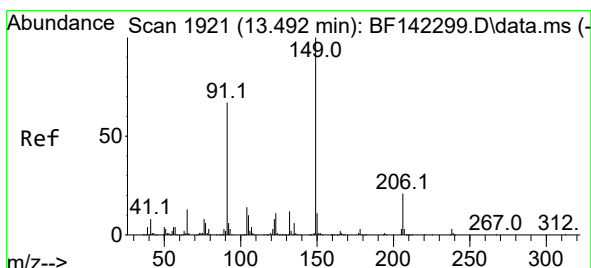
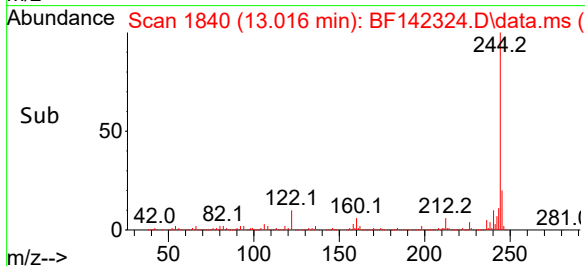
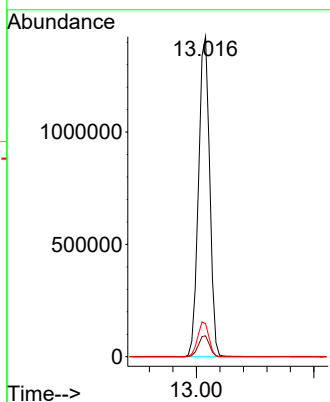
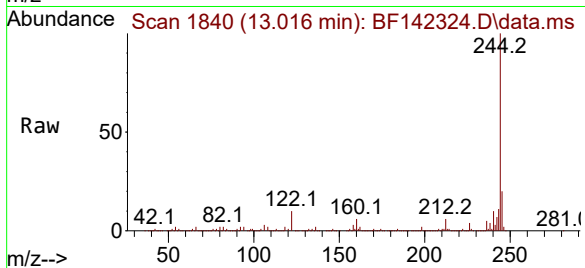
Tgt Ion:244 Resp: 1871660

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 49.966 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

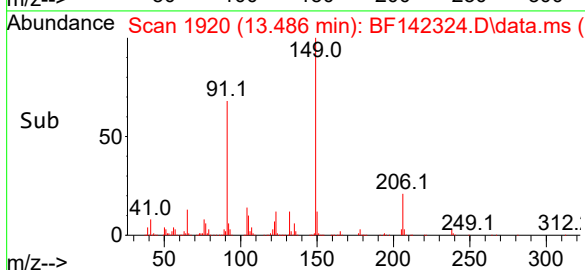
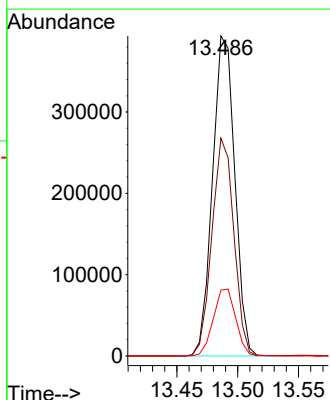
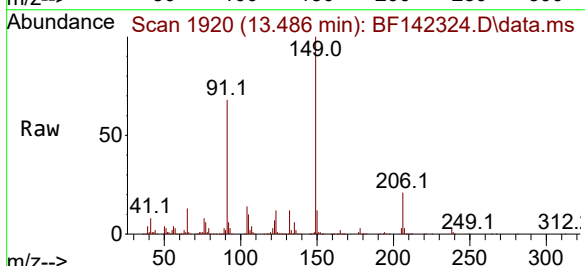
Tgt Ion:149 Resp: 501801

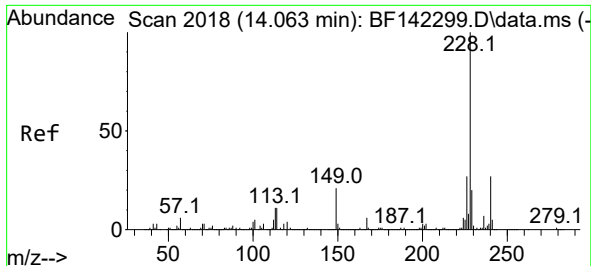
Ion Ratio Lower Upper

149 100

91 68.1 53.8 80.6

206 20.6 16.6 24.8

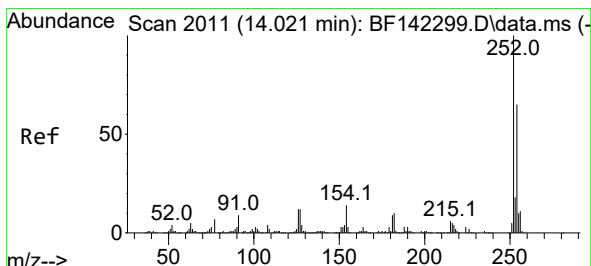
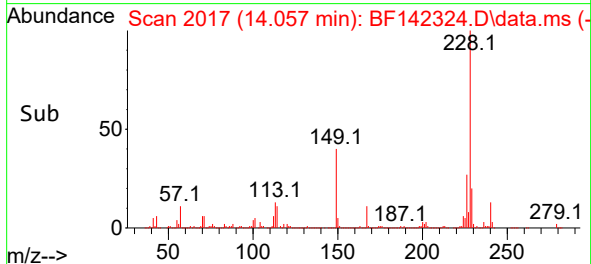
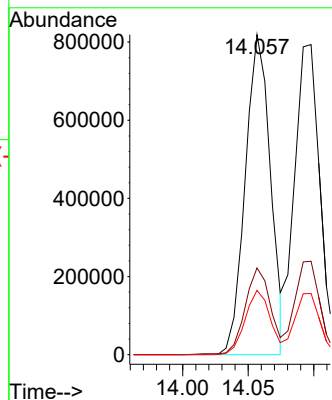
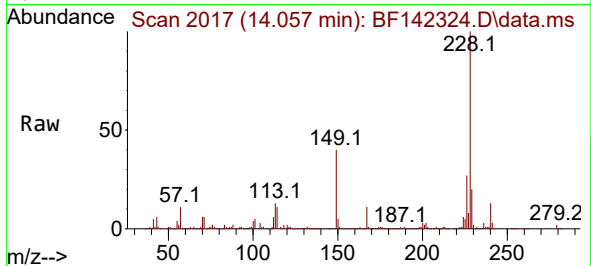




#81
Benzo(a)anthracene
Concen: 43.831 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

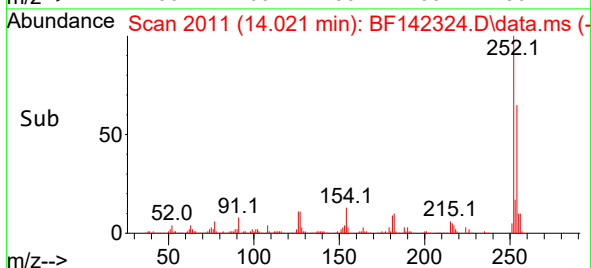
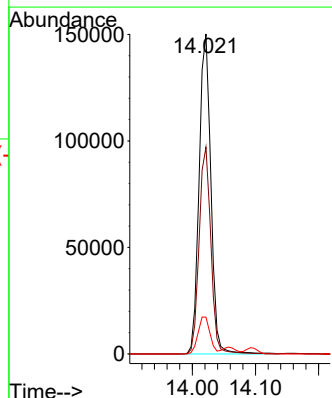
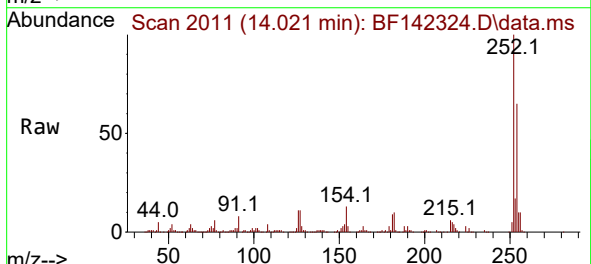
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

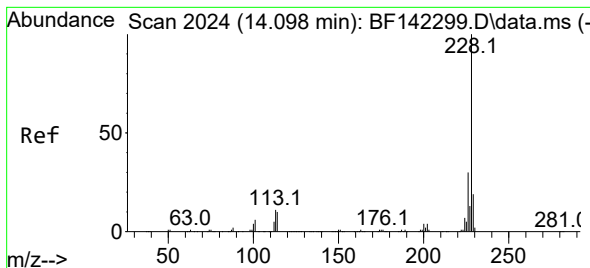
Tgt Ion:228 Resp: 1093875
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 33.483 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:252 Resp: 194325
Ion Ratio Lower Upper
252 100
254 64.6 52.0 78.0
126 11.5 9.7 14.5





#83

Chrysene

Concen: 45.693 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

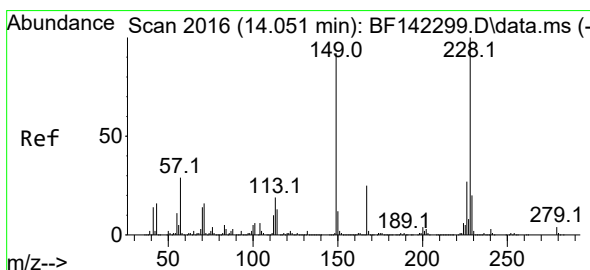
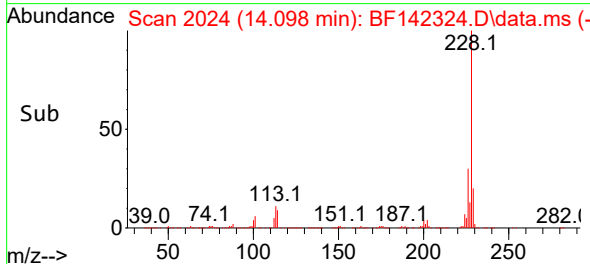
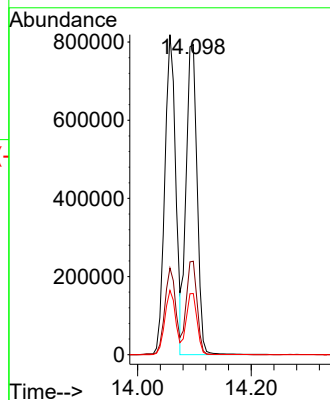
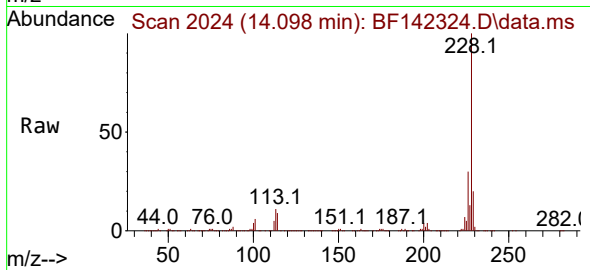
Tgt Ion:228 Resp: 1061591

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.640 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

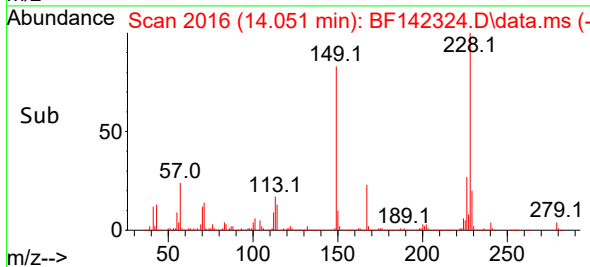
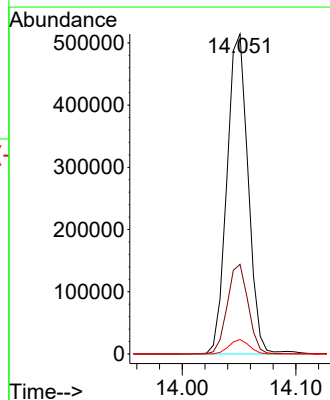
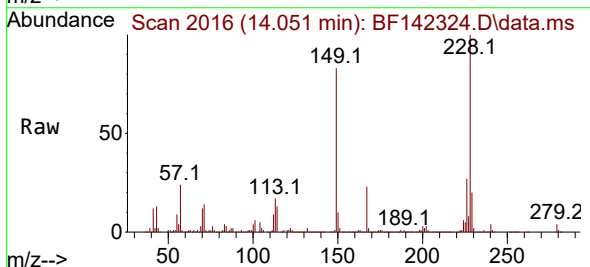
Tgt Ion:149 Resp: 663475

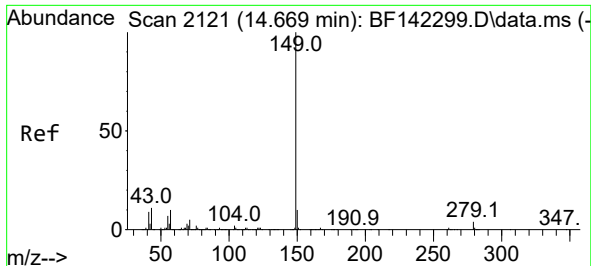
Ion Ratio Lower Upper

149 100

167 28.0 22.0 33.0

279 4.5 3.0 4.6

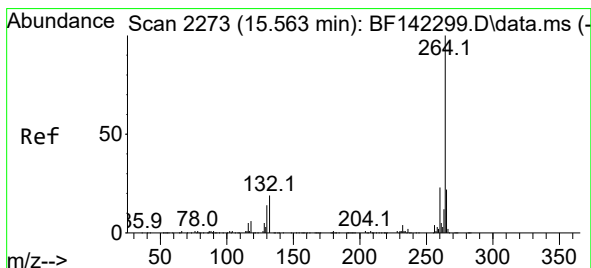
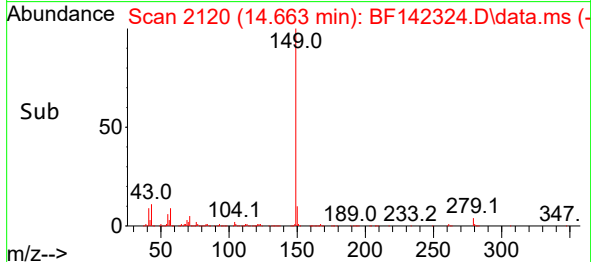
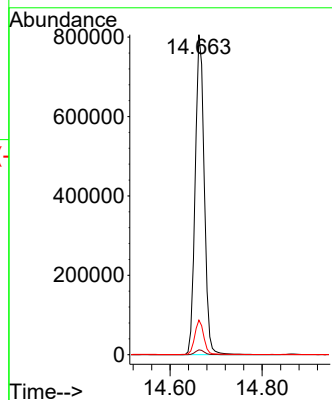
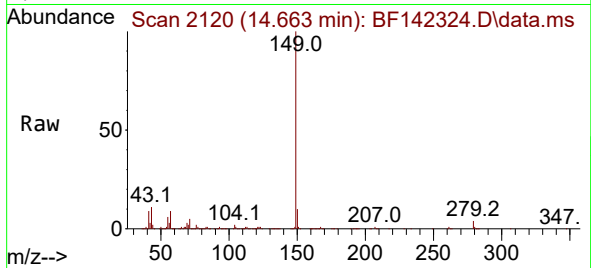




#85
Di-n-octyl phthalate
Concen: 46.767 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

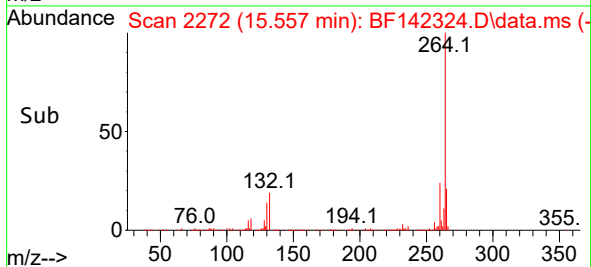
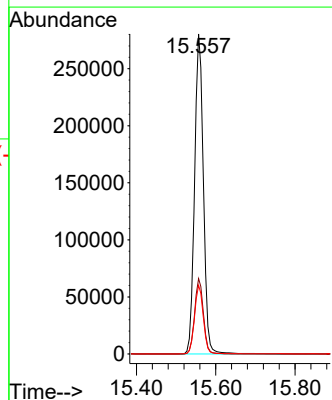
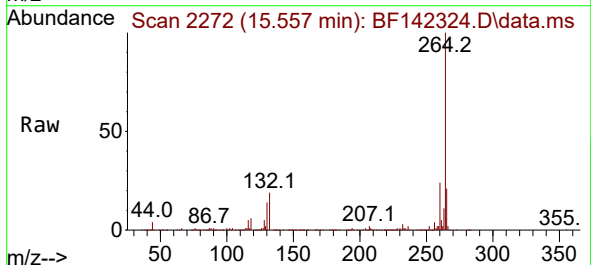
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

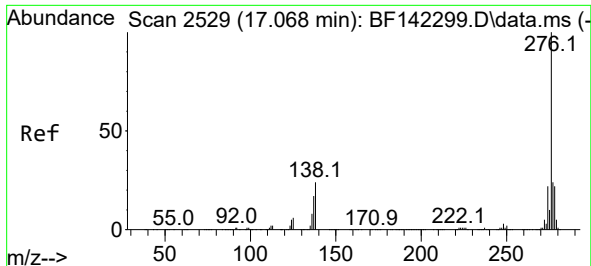
Tgt Ion:149 Resp: 1093559
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.7 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

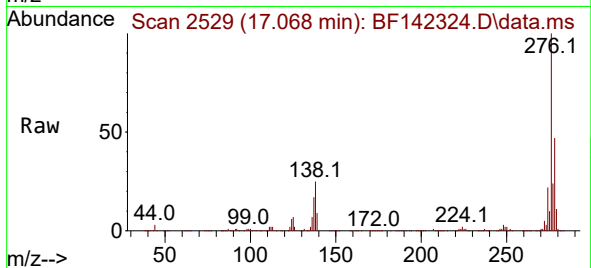
Tgt Ion:264 Resp: 432407
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.4 17.5 26.3



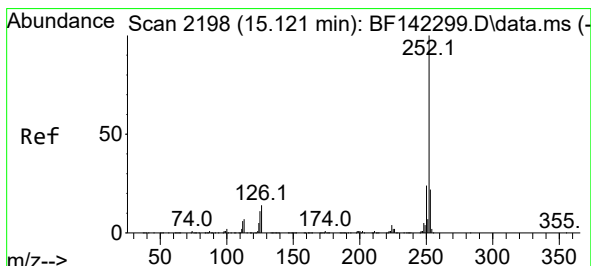
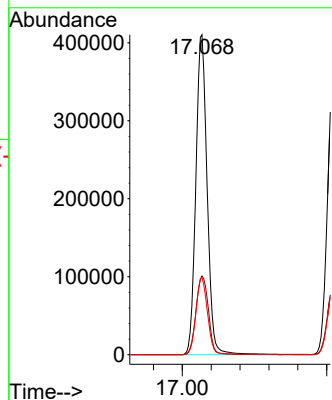
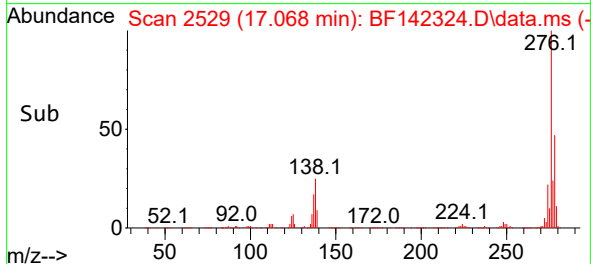


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.932 ng
 RT: 17.068 min Scan# 2110
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

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

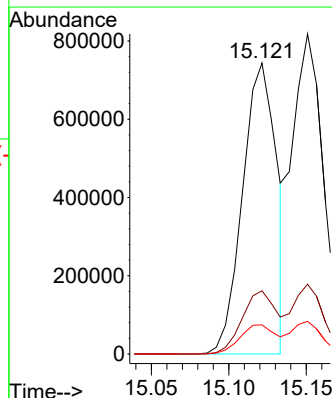
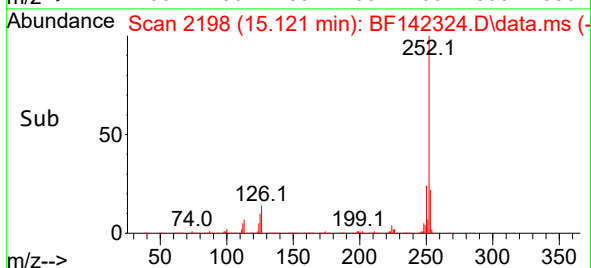
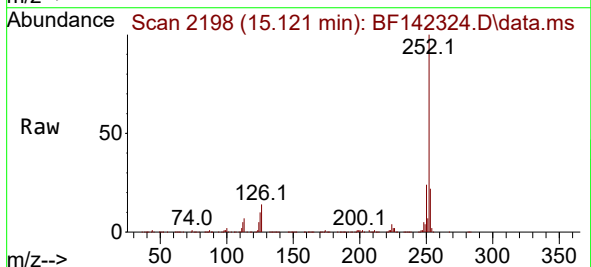


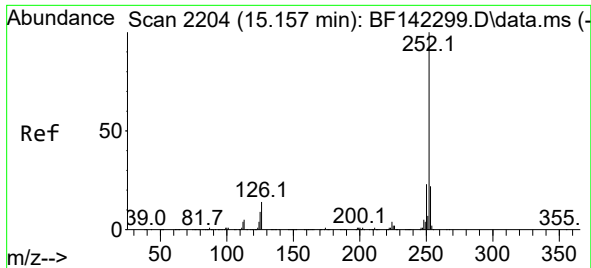
Tgt Ion:276 Resp: 1110913
 Ion Ratio Lower Upper
 276 100
 138 27.0 22.0 33.0
 277 24.7 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 43.293 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

Tgt Ion:252 Resp: 1133794
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.7 26.5
 125 10.0 8.7 13.1

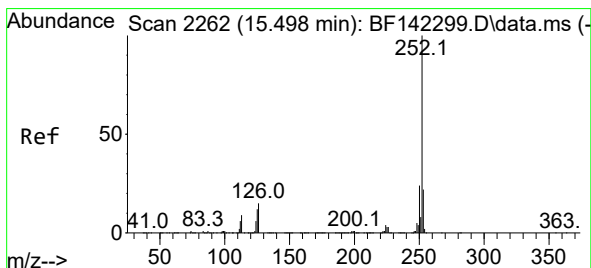
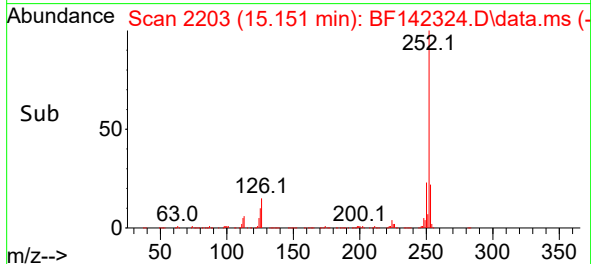
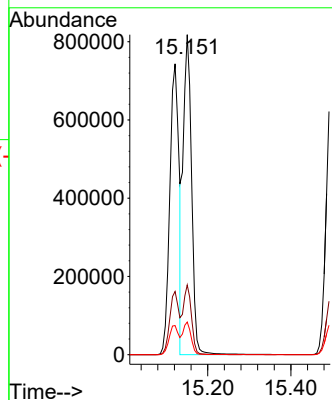
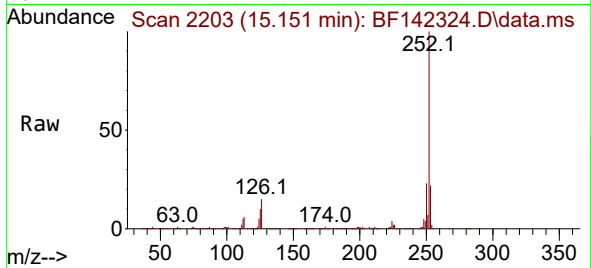




#89
Benzo(k)fluoranthene
Concen: 48.257 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

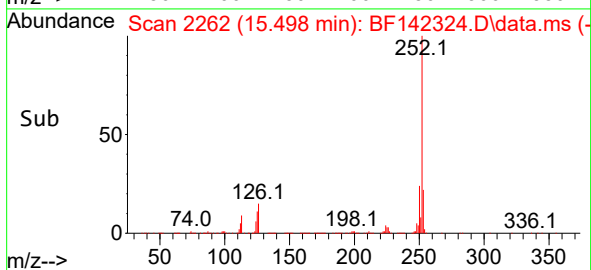
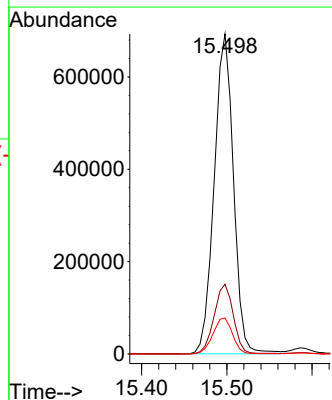
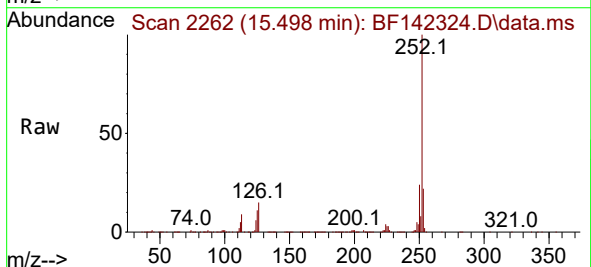
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

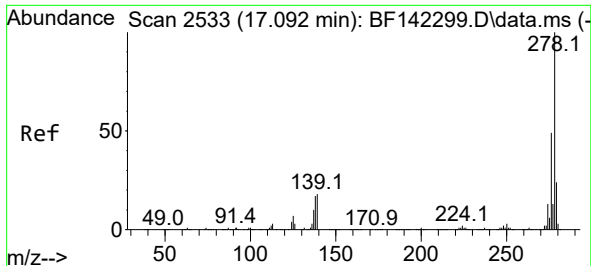
Tgt Ion:252 Resp: 1156536
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.2 8.1 12.1



#90
Benzo(a)pyrene
Concen: 46.421 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:252 Resp: 1089414
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.2 9.4 14.0

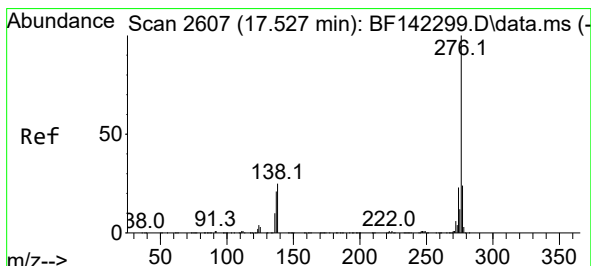
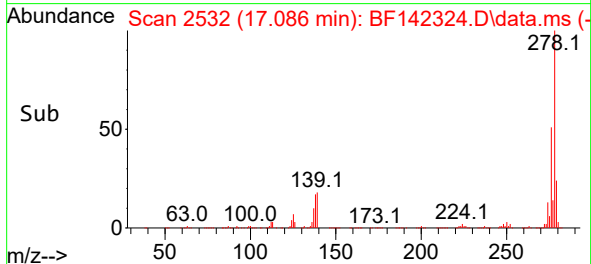
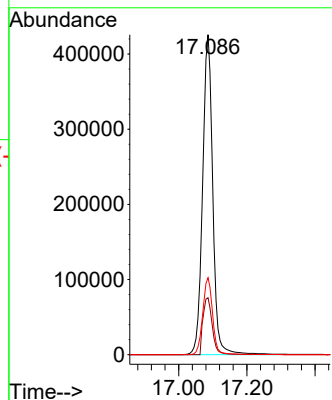
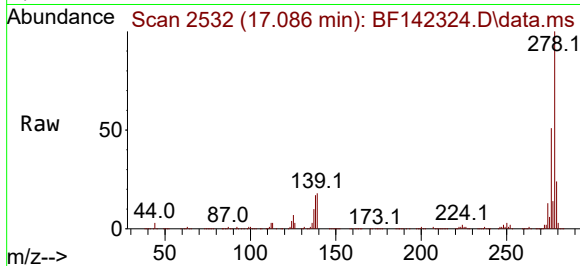




#91
Dibenzo(a,h)anthracene
Concen: 35.588 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

Tgt Ion:278 Resp: 884370
Ion Ratio Lower Upper
278 100
139 17.8 14.5 21.7
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 35.108 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

Tgt Ion:276 Resp: 865894
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 23.7 19.8 29.6

