

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	221584	36.847	ng	98
33) 4-Chloroaniline	8.281	127	82657	5.349	ng	98
34) Hexachlorobutadiene	8.328	225	259886	37.606	ng	99
35) Caprolactam	8.616	113	80714	26.706	ng	97
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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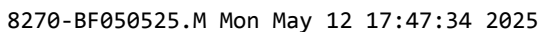
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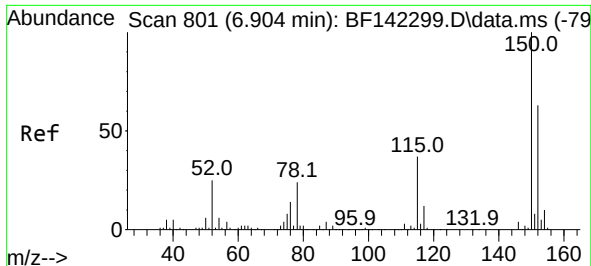
Quant Time: May 12 17:45:31 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	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

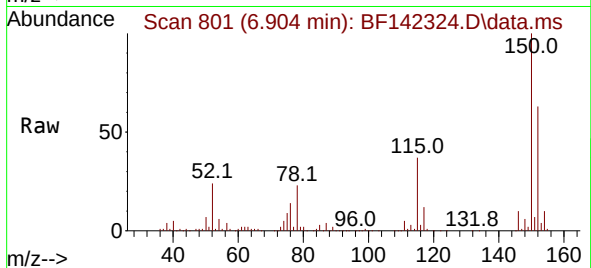
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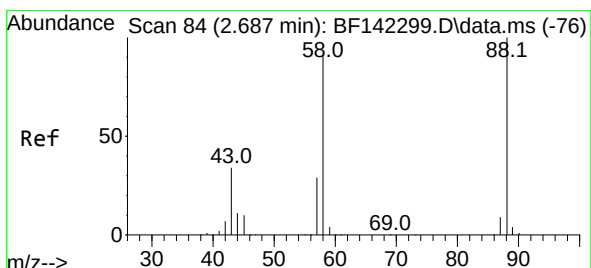
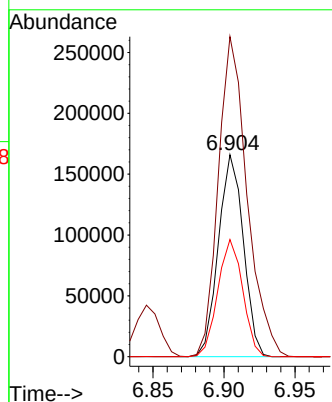
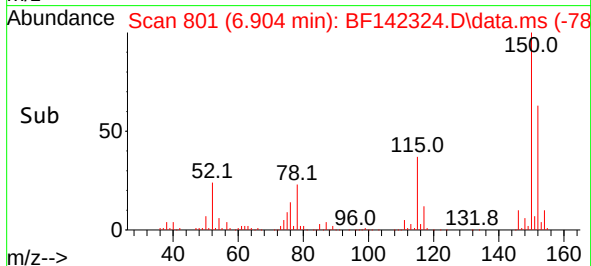


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

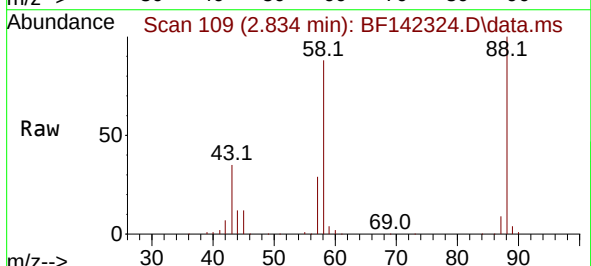
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MSD



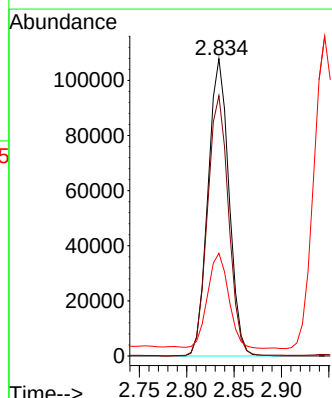
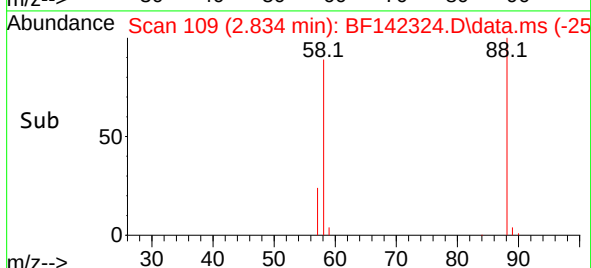
Tgt Ion:152 Resp: 202795
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.6 190.0
 115 58.0 47.3 70.9

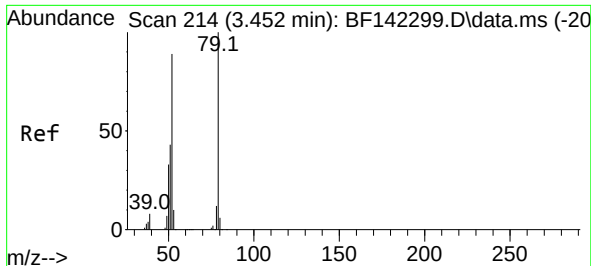


#2
 1,4-Dioxane
 Concen: 30.994 ng
 RT: 2.834 min Scan# 109
 Delta R.T. 0.147 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10



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

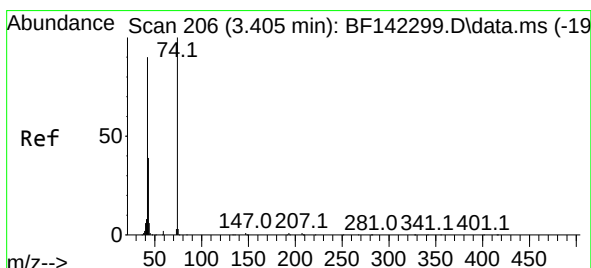
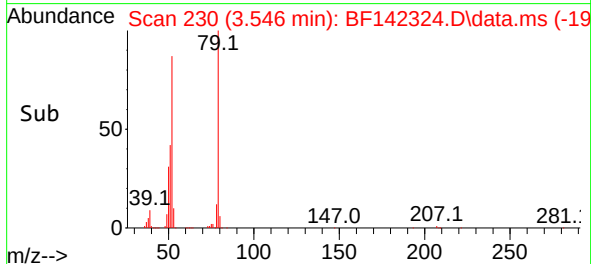
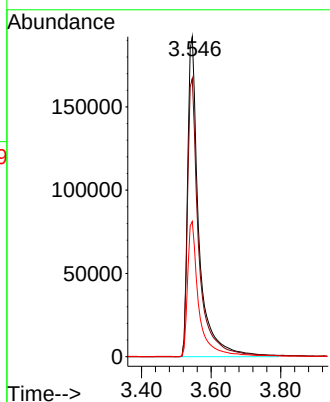
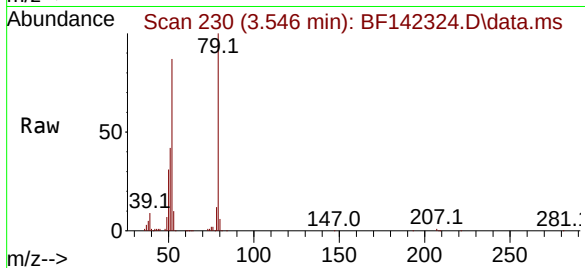
Tgt Ion: 79 Resp: 431400

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

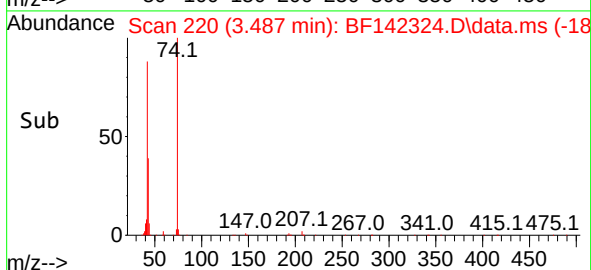
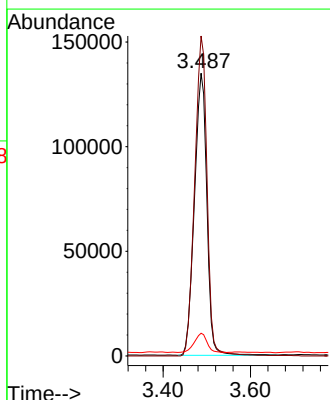
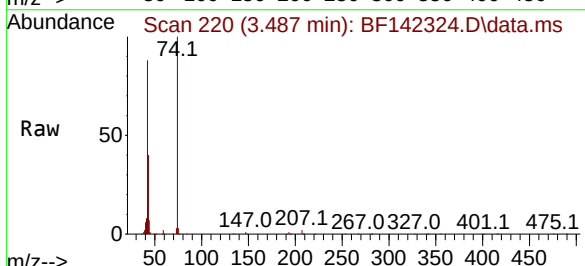
Tgt Ion: 42 Resp: 266828

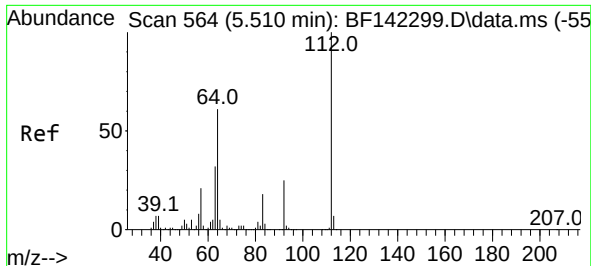
Ion Ratio Lower Upper

42 100

74 113.2 88.5 132.7

44 8.0 5.8 8.8

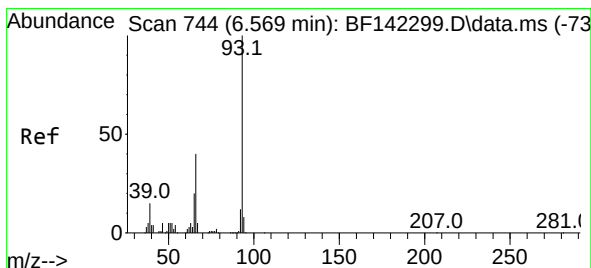
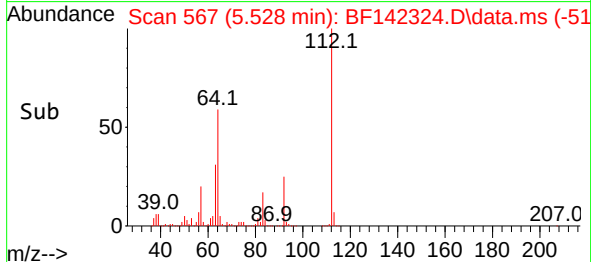
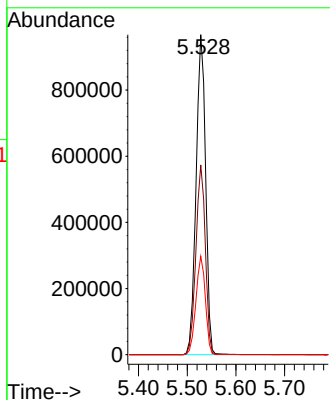
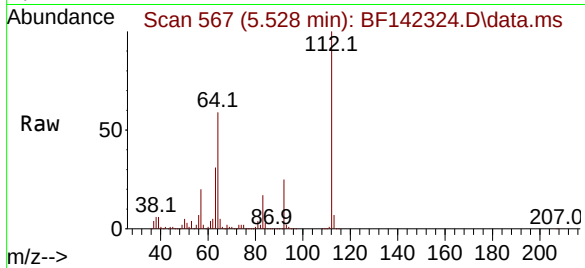




#5
2-Fluorophenol
Concen: 111.433 ng
RT: 5.528 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

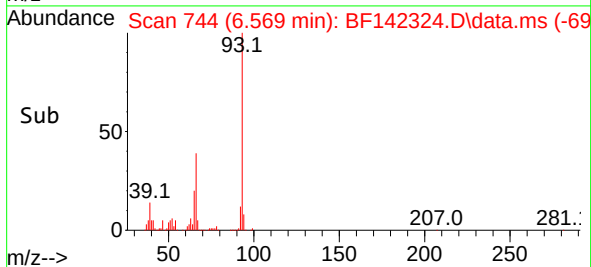
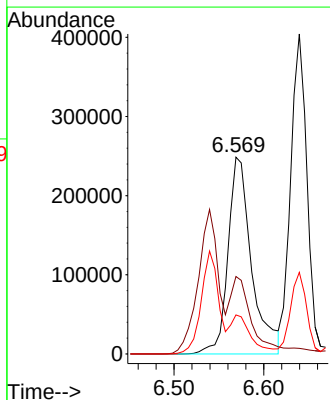
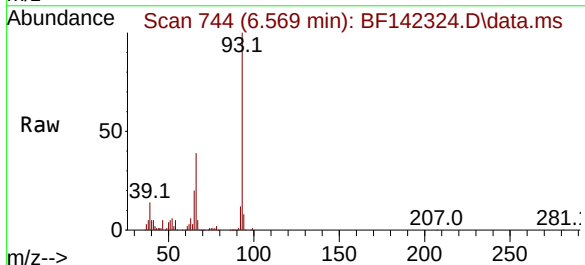
Instrument :
BNA_F
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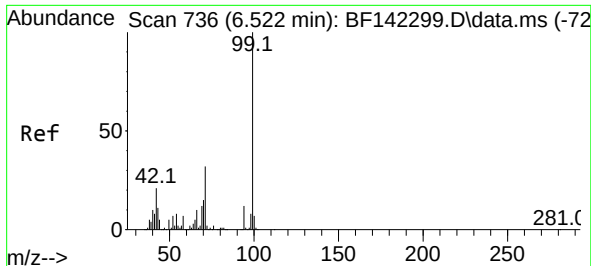
Tgt Ion:112 Resp: 1323781
Ion Ratio Lower Upper
112 100
64 59.3 48.9 73.3
63 30.8 25.6 38.4



#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



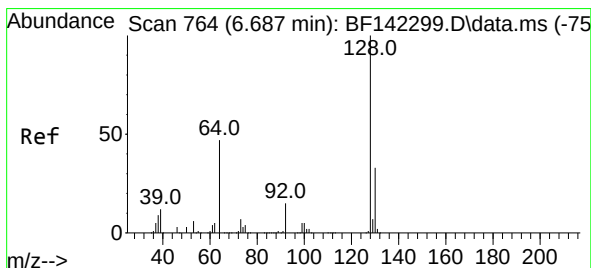
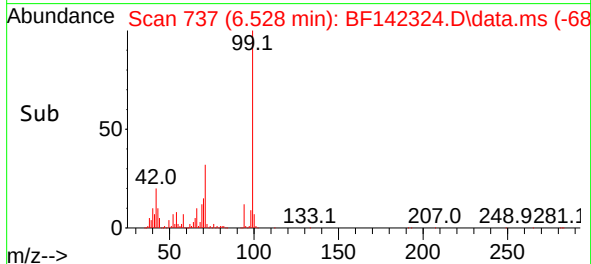
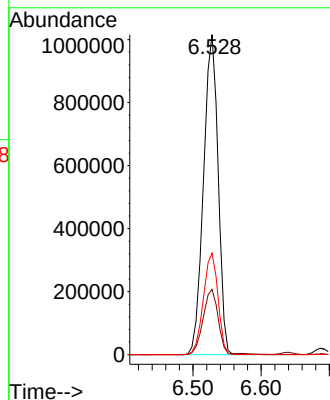
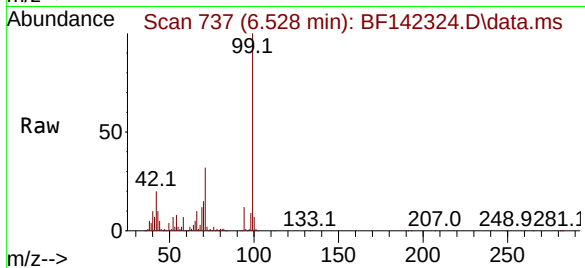


#7
Phenol-d6
Concen: 103.540 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

Tgt Ion: 99 Resp: 1512835

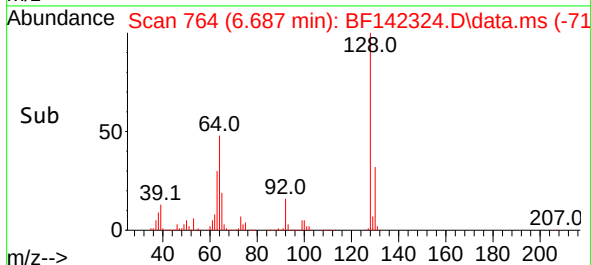
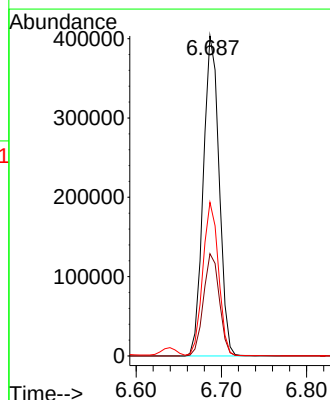
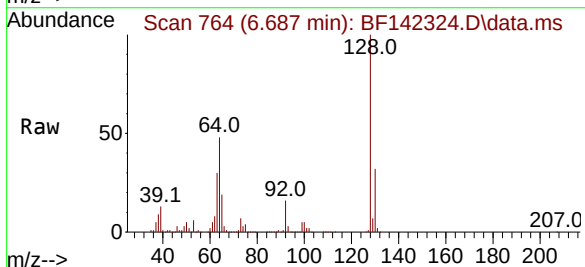
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.4
71	31.8	25.8	38.8

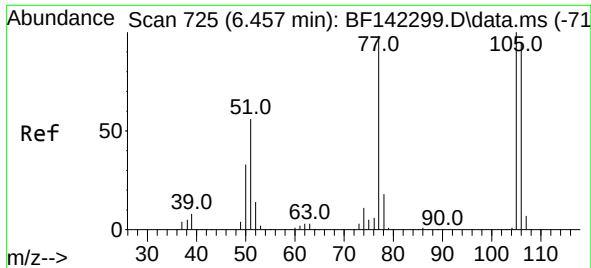


#8
2-Chlorophenol
Concen: 41.098 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

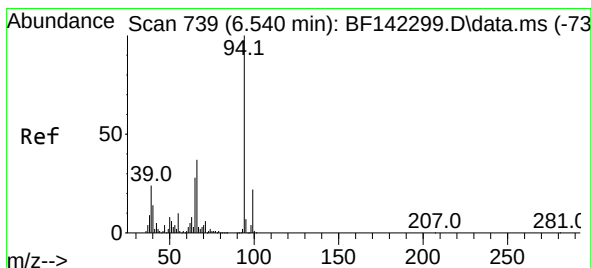
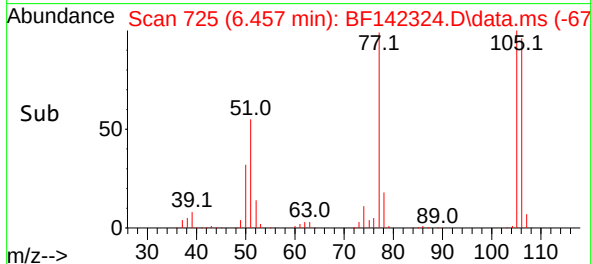
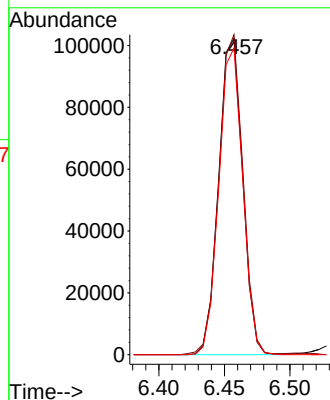
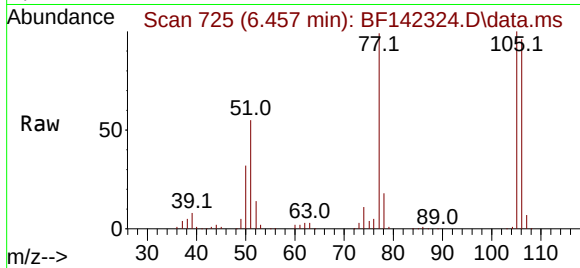
Tgt Ion: 77 Resp: 129791

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

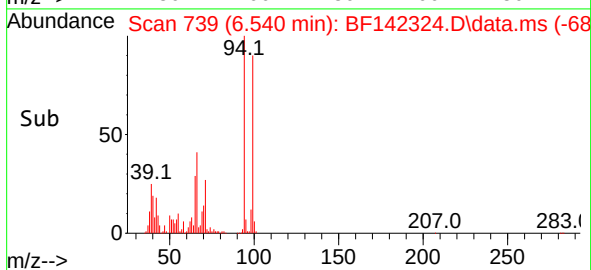
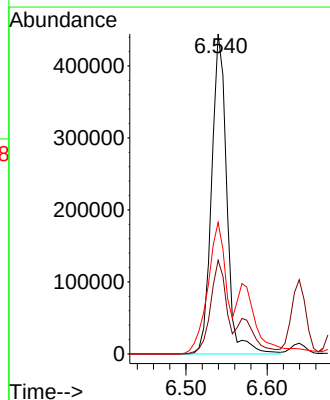
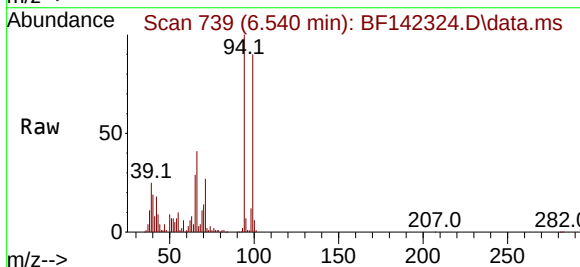
Tgt Ion: 94 Resp: 577782

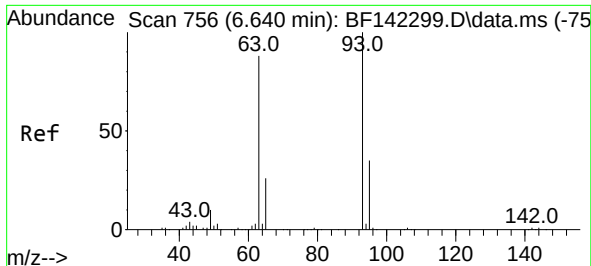
Ion Ratio Lower Upper

94 100

65 29.2 8.5 48.5

66 41.1 17.3 57.3

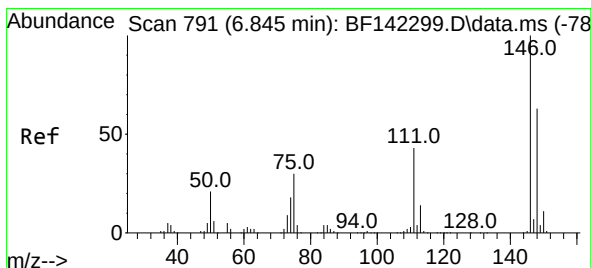
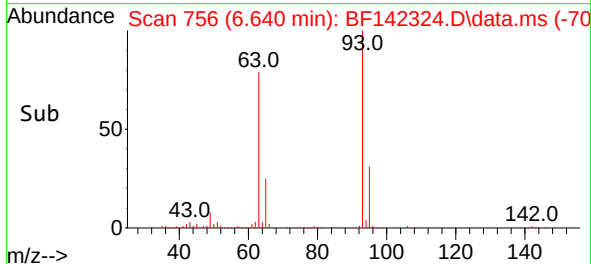
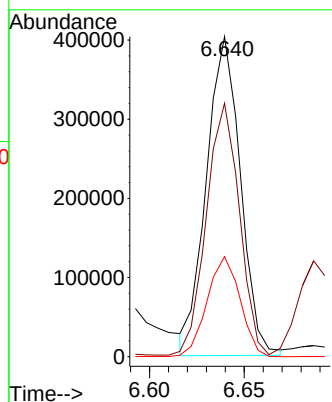
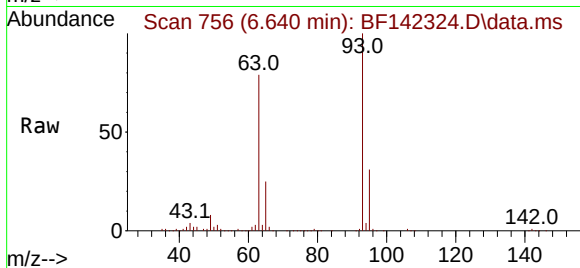




#11
bis(2-Chloroethyl)ether
Concen: 33.097 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

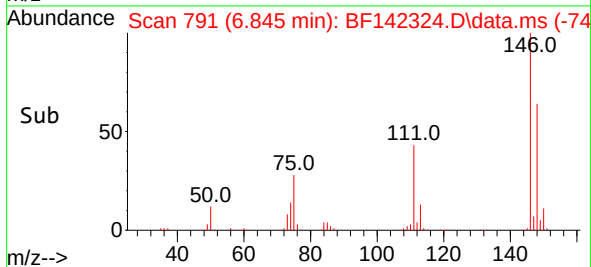
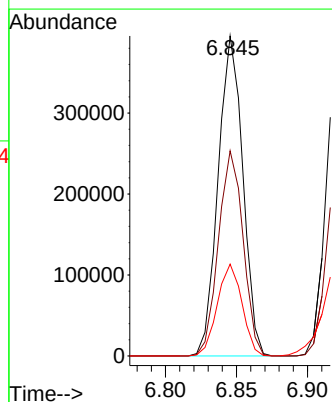
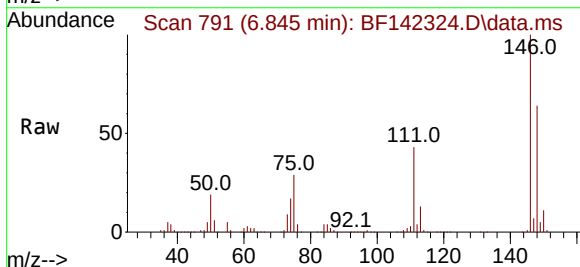
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

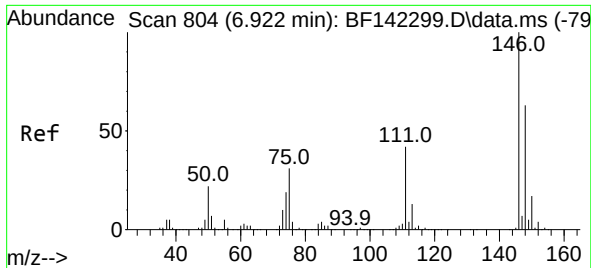
Tgt Ion: 93 Resp: 505499
Ion Ratio Lower Upper
93 100
63 79.2 58.4 98.4
95 31.2 10.6 50.6



#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

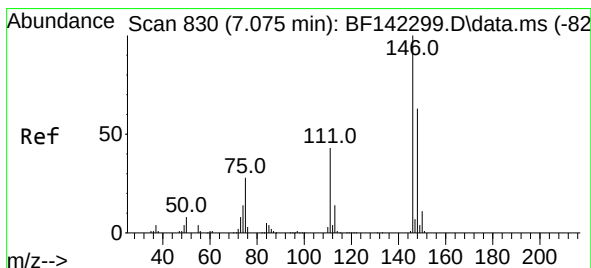
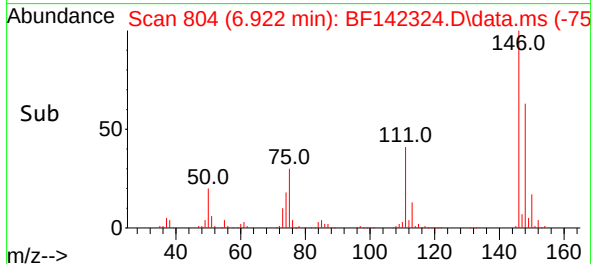
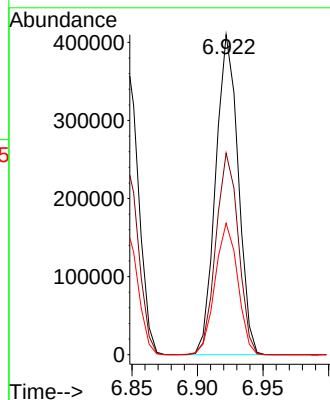
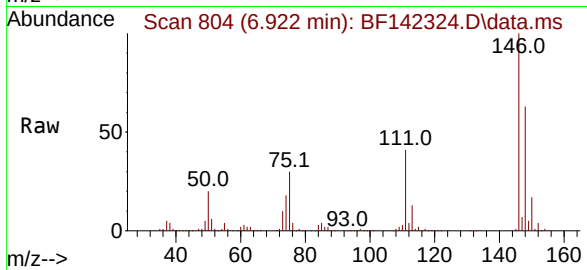
Tgt Ion:146 Resp: 488916

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

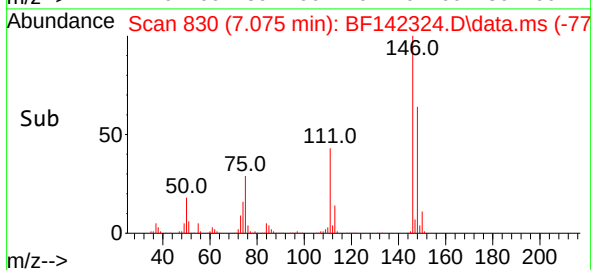
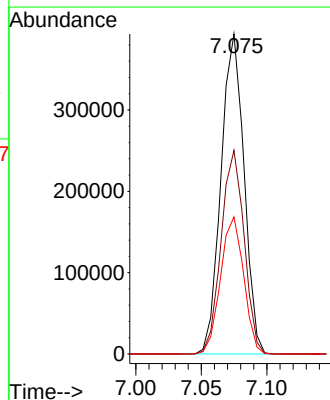
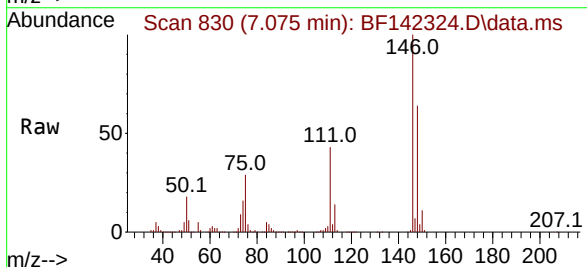
Tgt Ion:146 Resp: 479613

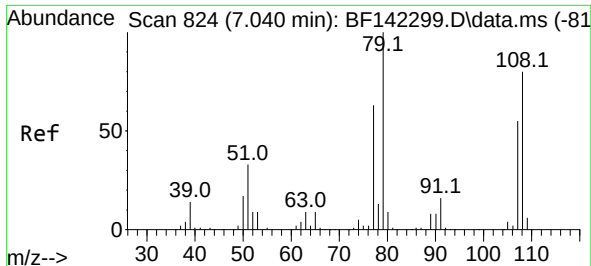
Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

111 42.8 34.5 51.7

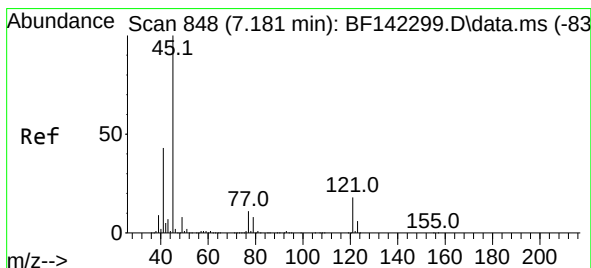
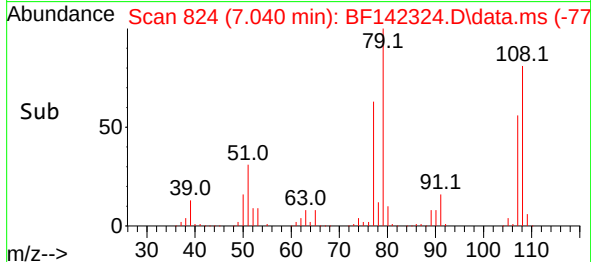
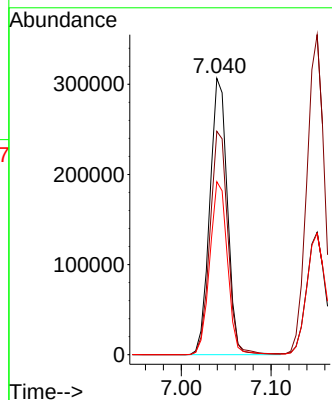
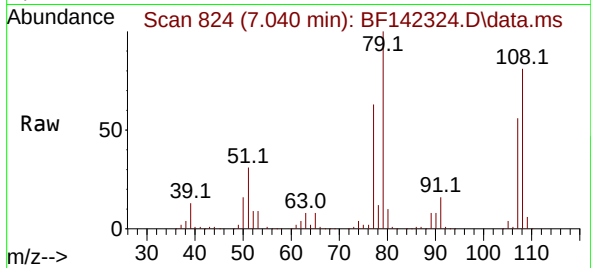




#15
Benzyl Alcohol
Concen: 44.210 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

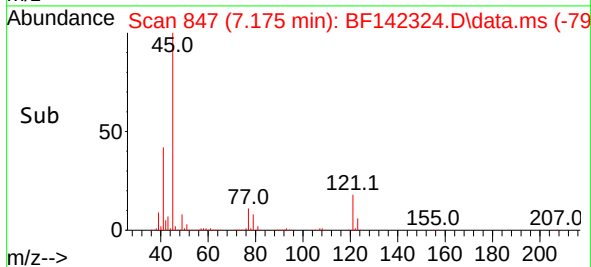
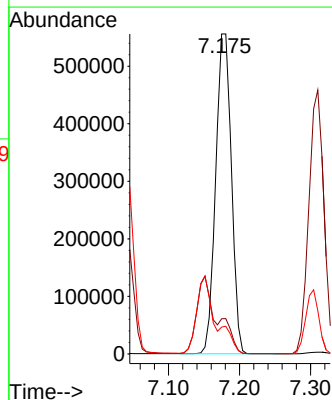
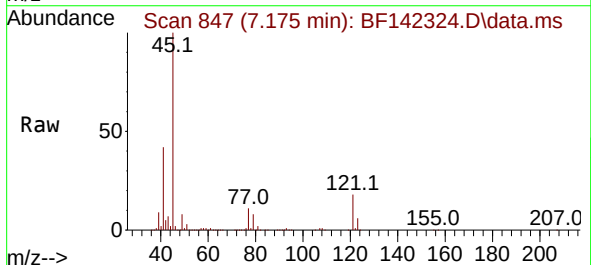
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

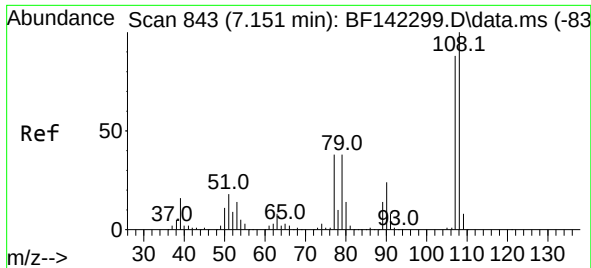
Tgt Ion: 79 Resp: 418276
Ion Ratio Lower Upper
79 100
108 80.8 63.9 95.9
77 62.6 50.7 76.1



#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



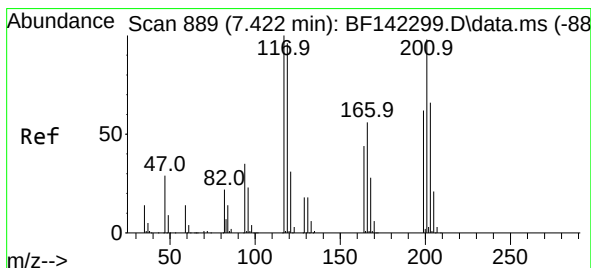
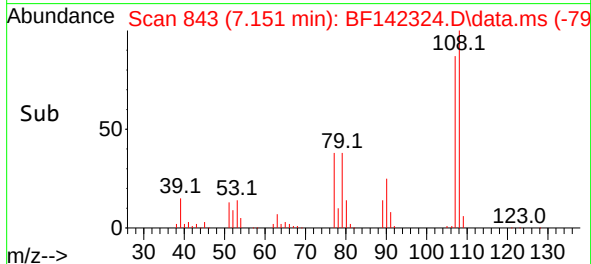
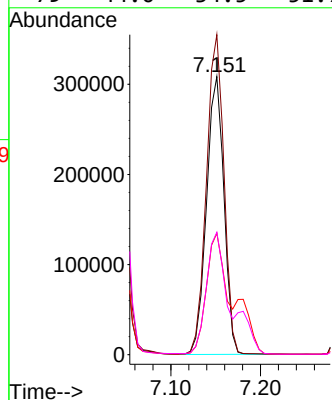
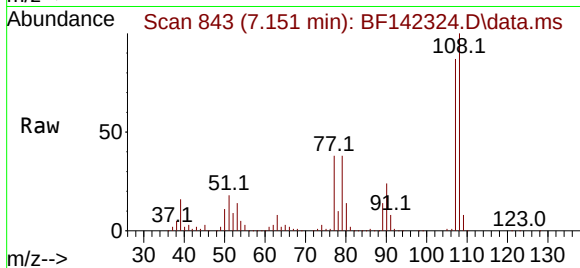


#17
2-Methylphenol
Concen: 40.441 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

Tgt Ion:107 Resp: 415644

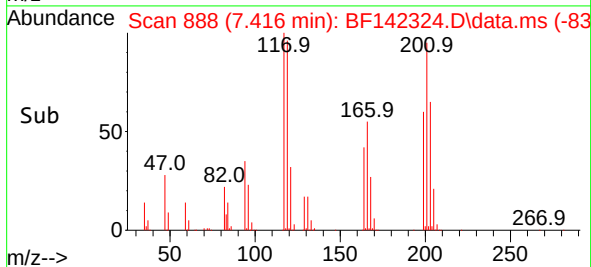
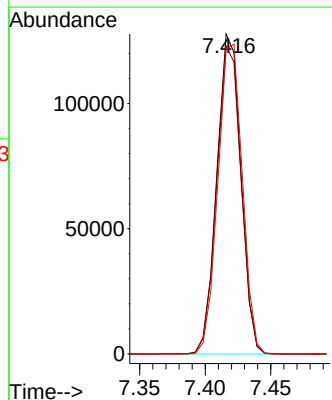
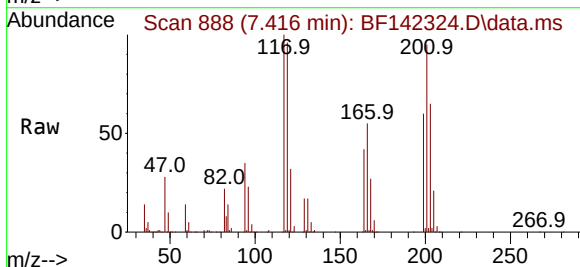
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.1	136.7
77	43.7	34.7	52.1
79	44.0	34.5	51.7

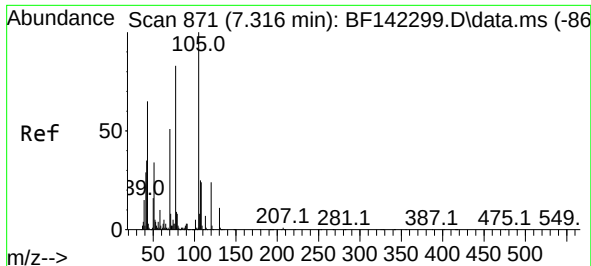


#18
Hexachloroethane
Concen: 33.528 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

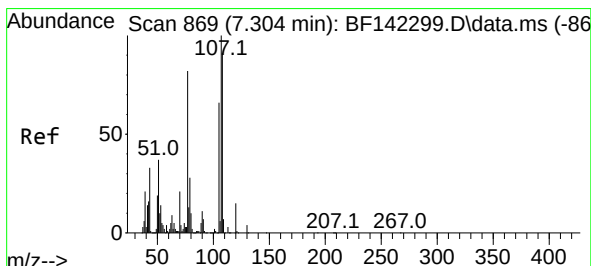
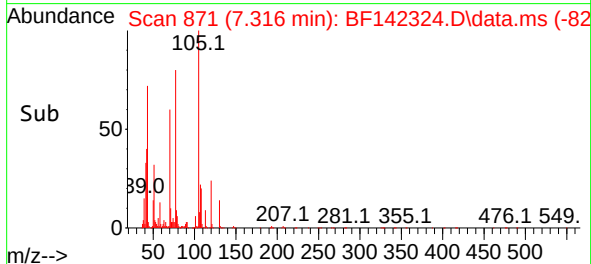
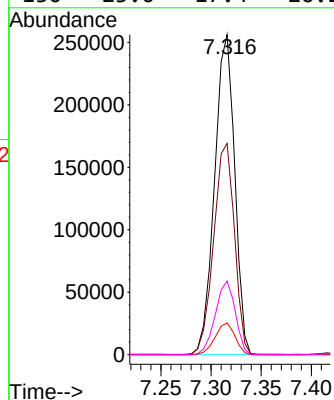
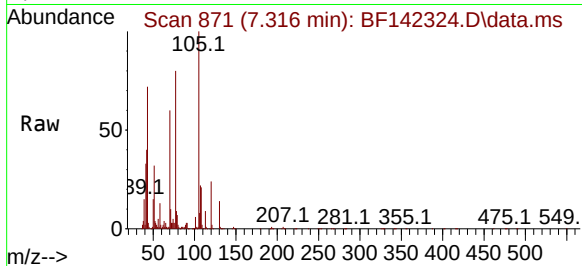




#19
n-Nitroso-di-n-propylamine
Concen: 39.495 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

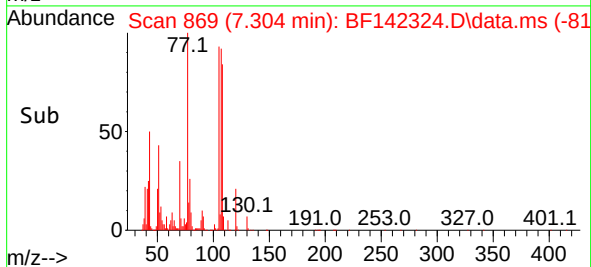
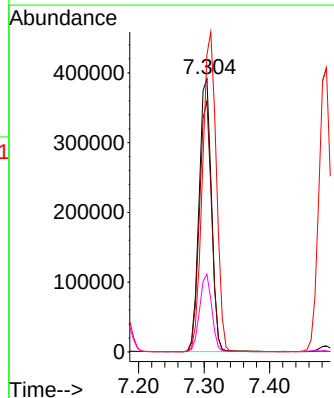
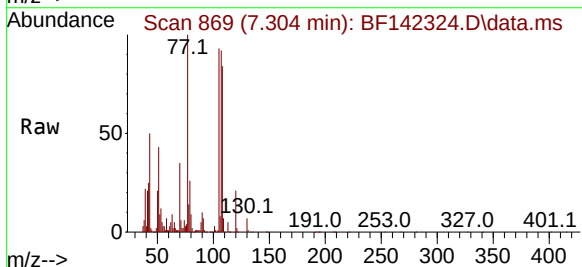
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

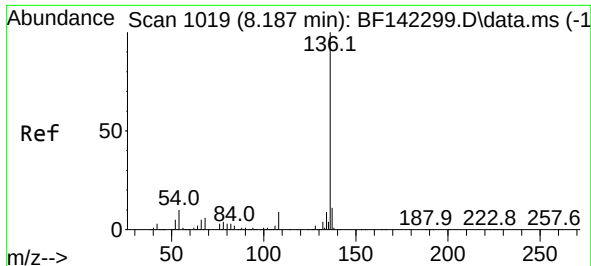
Tgt Ion: 70 Resp: 356953
Ion Ratio Lower Upper
70 100
42 66.0 54.8 82.2
101 9.9 7.7 11.5
130 23.0 17.4 26.2



#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

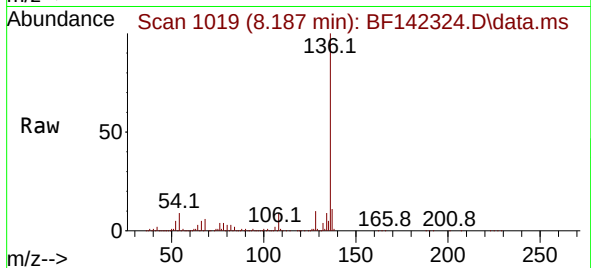
Tgt Ion: 107 Resp: 515244
Ion Ratio Lower Upper
107 100
108 91.8 71.5 111.5
77 108.8 61.6 101.6#
79 28.5 8.3 48.3



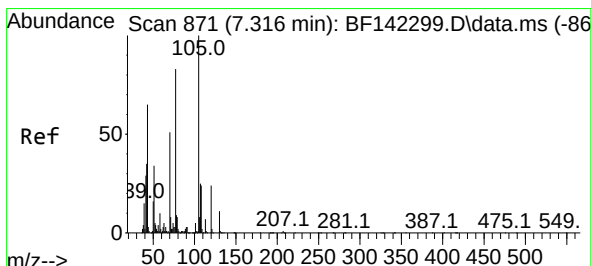
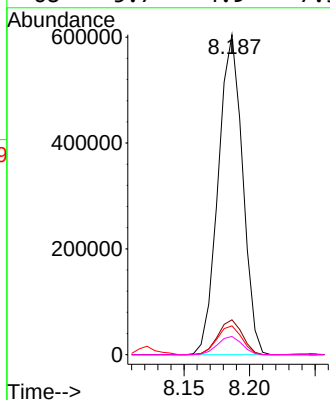
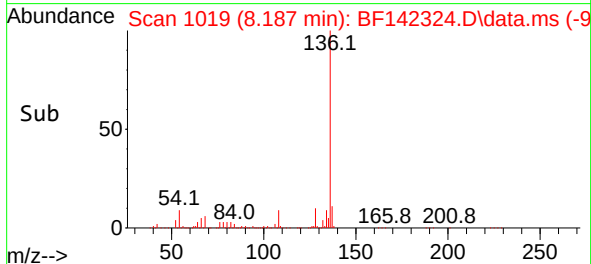


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

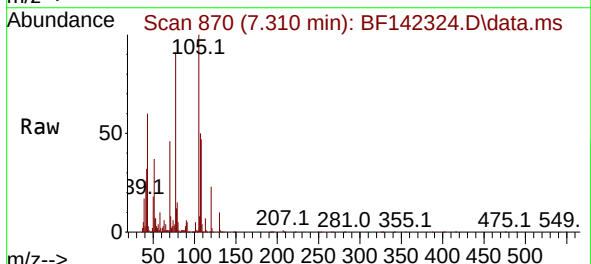
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD



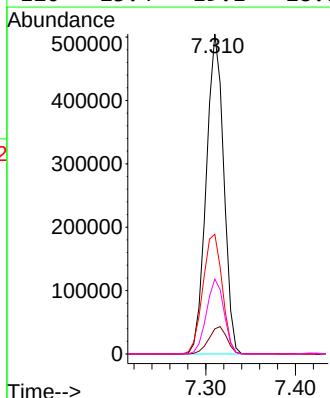
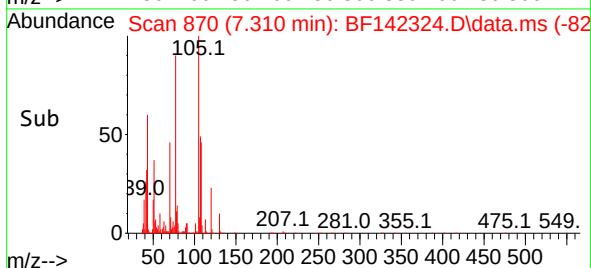
Tgt Ion:136	Resp: 781341
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 9.0	7.7 11.5
68 5.7	4.9 7.3

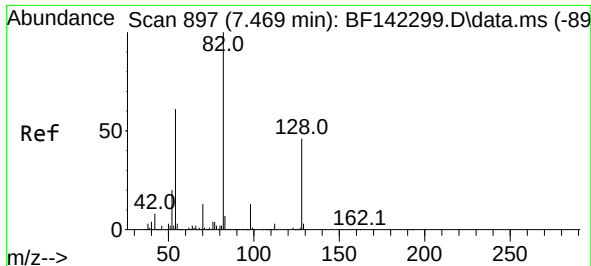


#22
Acetophenone
Concen: 39.337 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10



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 :

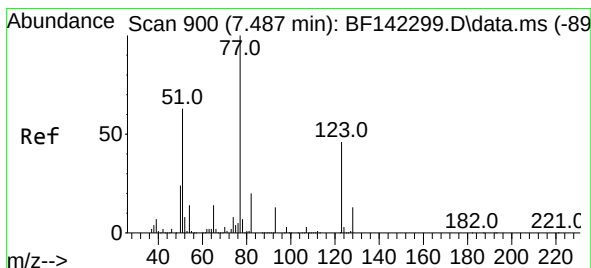
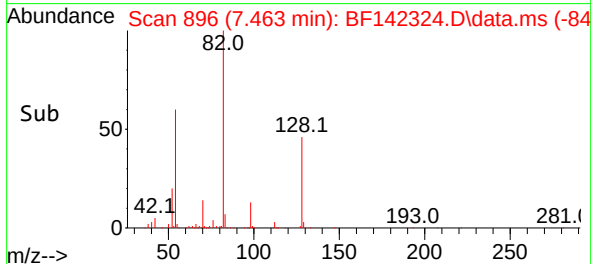
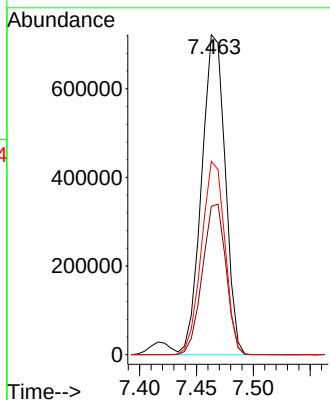
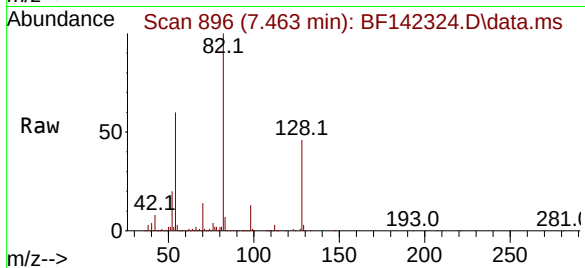
BNA_F

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

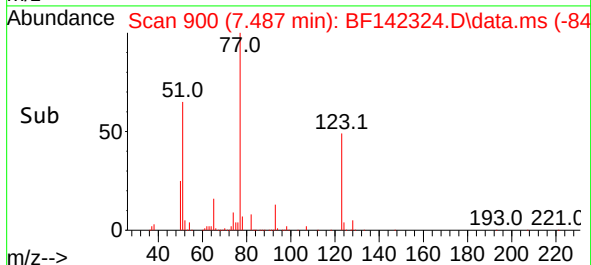
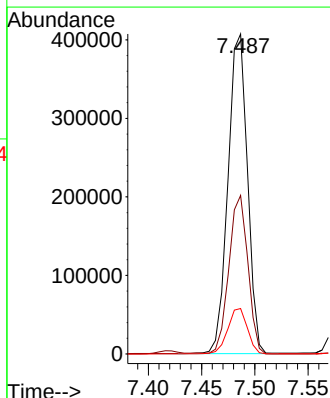
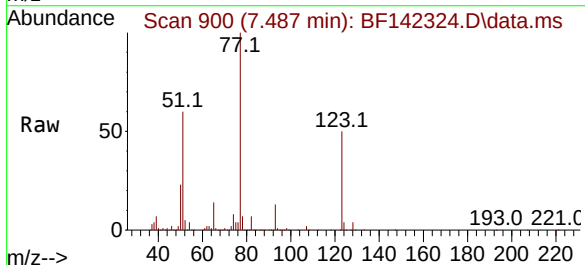
Delta R.T. -0.000 min

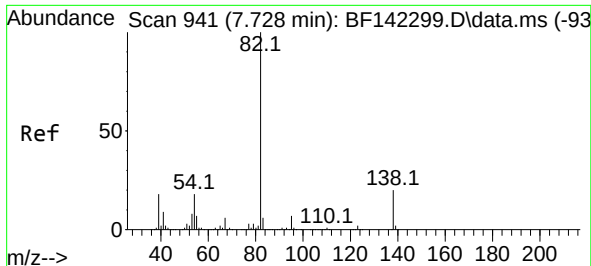
Lab File: BF142324.D

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

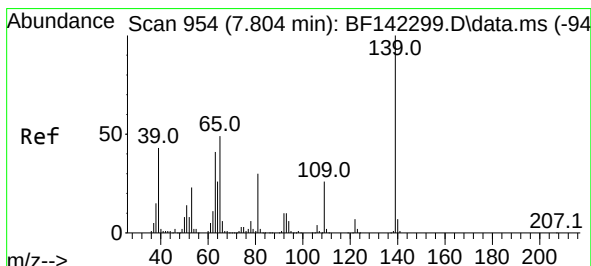
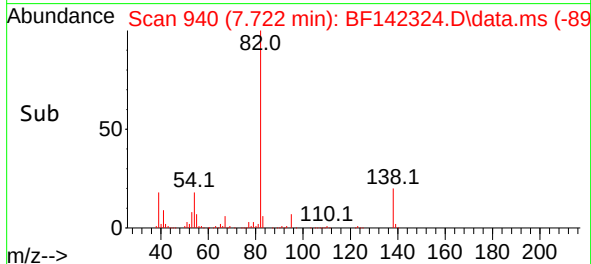
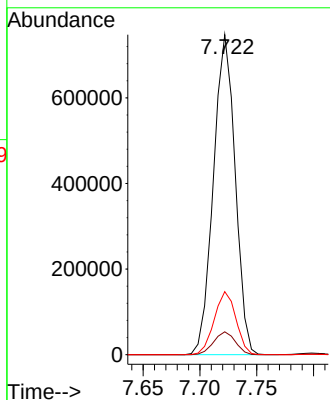
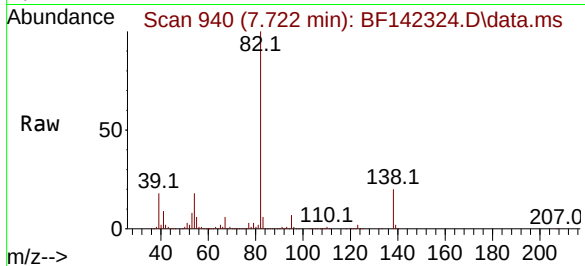




#25
Isophorone
Concen: 41.094 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

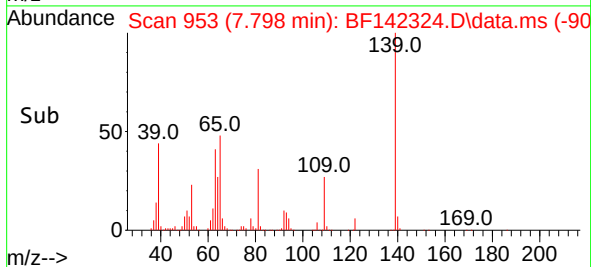
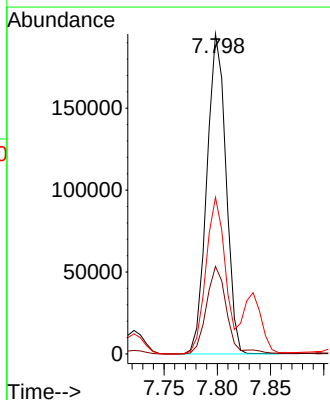
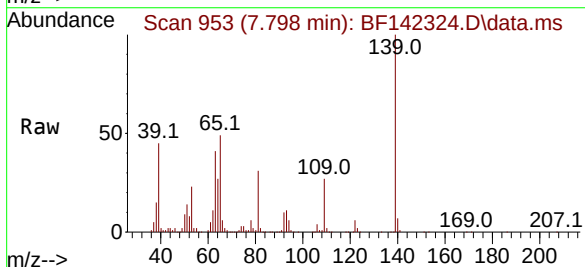
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

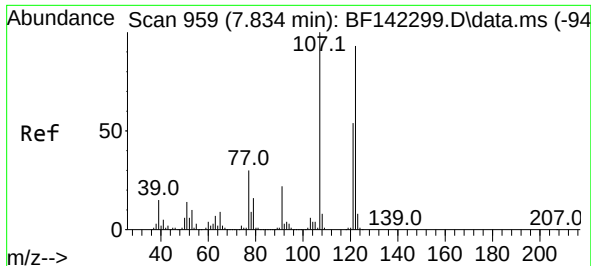
Tgt Ion: 82 Resp: 996969
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 19.7 16.1 24.1



#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

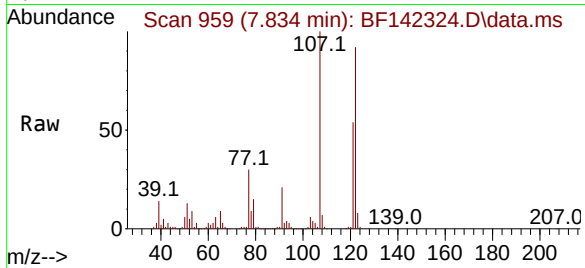
Tgt Ion:139 Resp: 244406
Ion Ratio Lower Upper
139 100
109 27.3 20.8 31.2
65 49.0 38.9 58.3



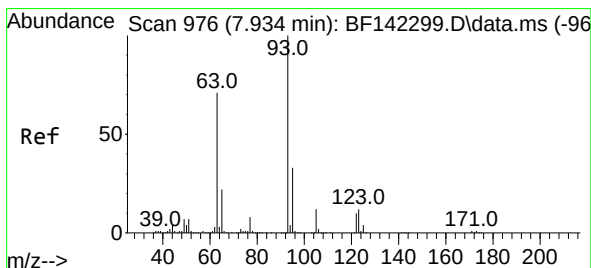
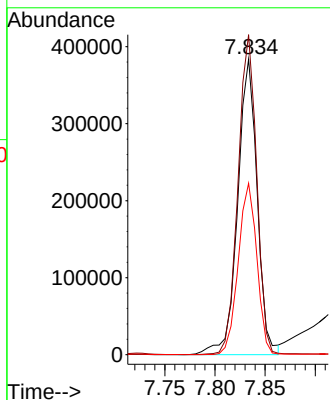
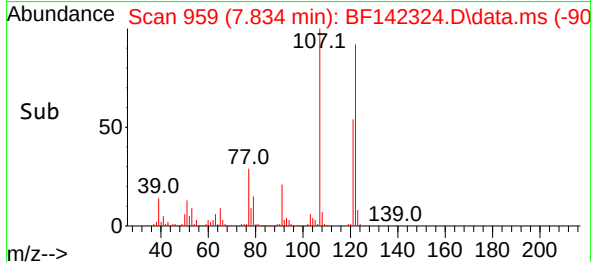


#27
2,4-Dimethylphenol
Concen: 42.773 ng
RT: 7.834 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

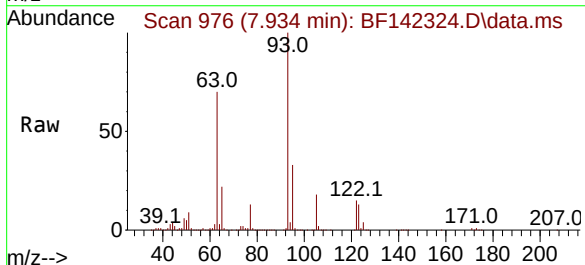
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD



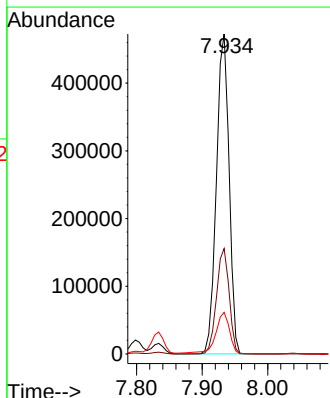
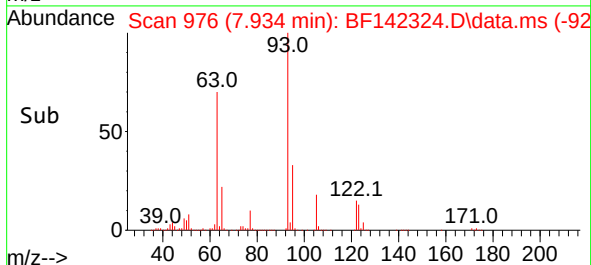
Tgt Ion:122 Resp: 521722
Ion Ratio Lower Upper
122 100
107 108.3 86.0 129.0
121 58.0 46.2 69.4

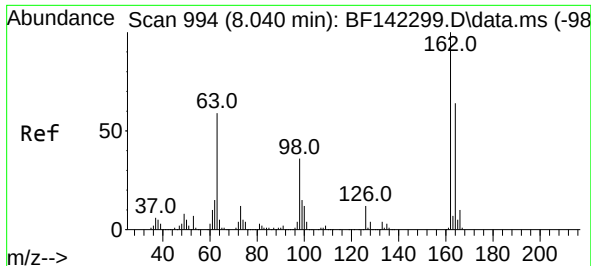


#28
bis(2-Chloroethoxy)methane
Concen: 40.381 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10



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

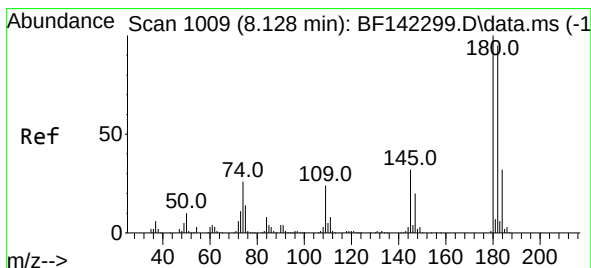
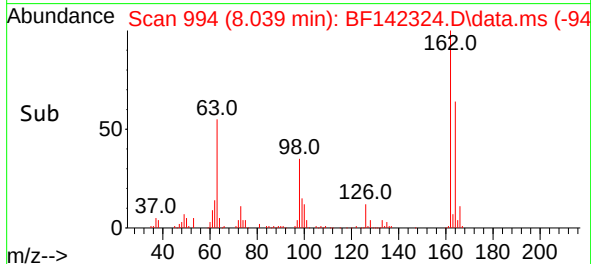
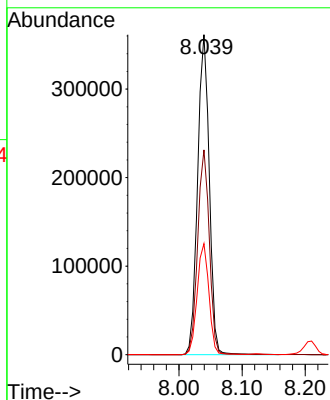
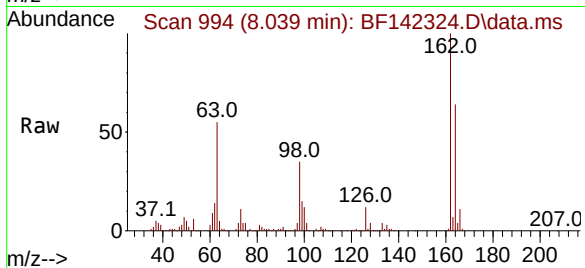
Tgt Ion:162 Resp: 463208

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

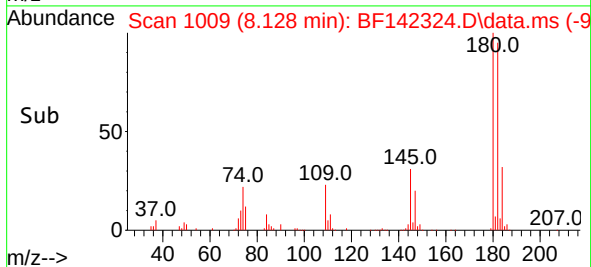
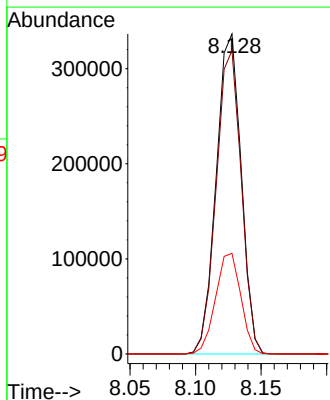
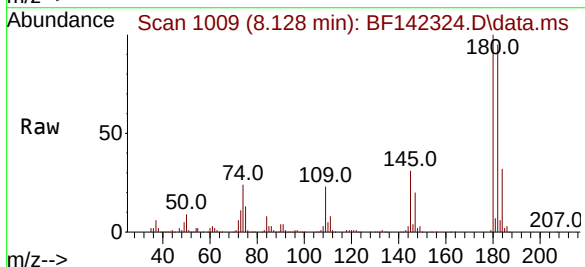
Tgt Ion:180 Resp: 445307

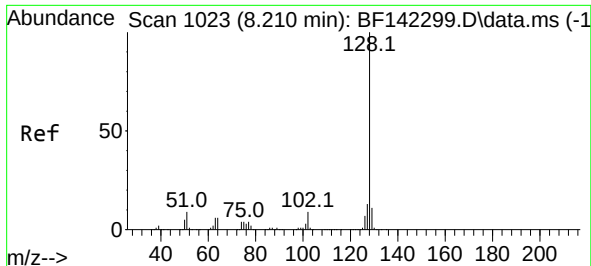
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.4

145 31.5 25.8 38.6

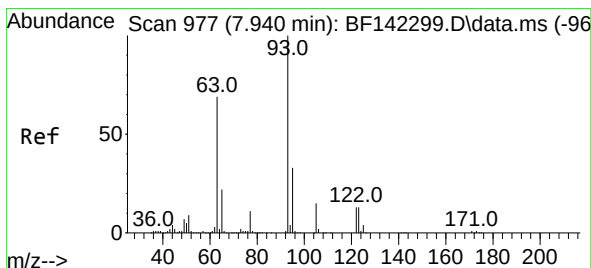
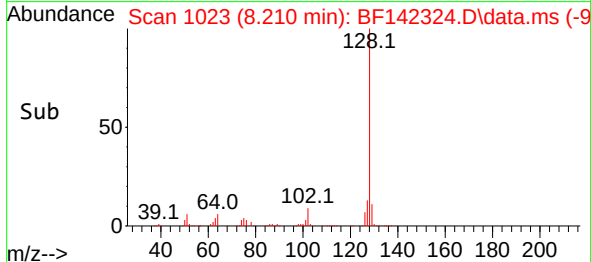
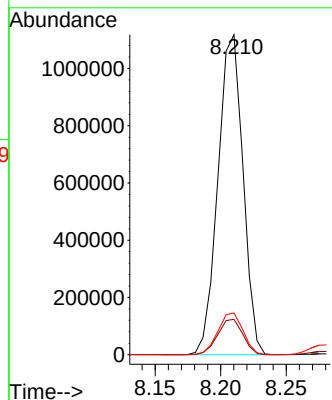
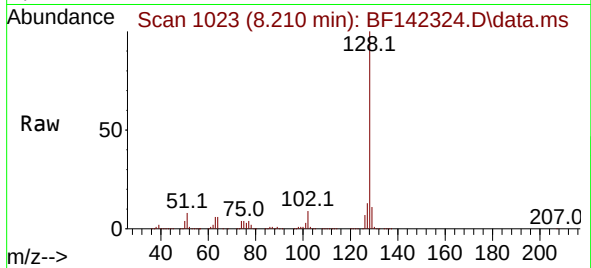




#31
Naphthalene
Concen: 39.202 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

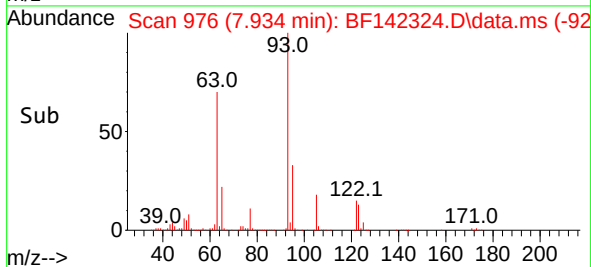
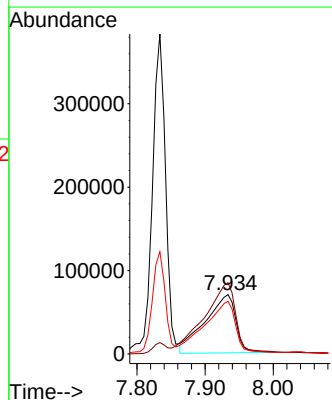
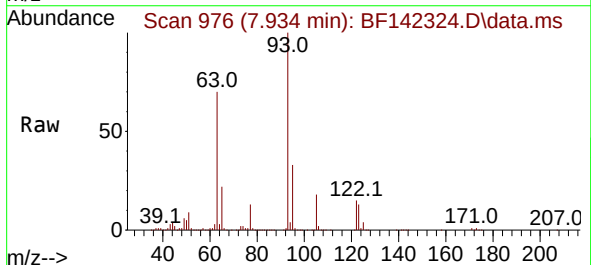
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

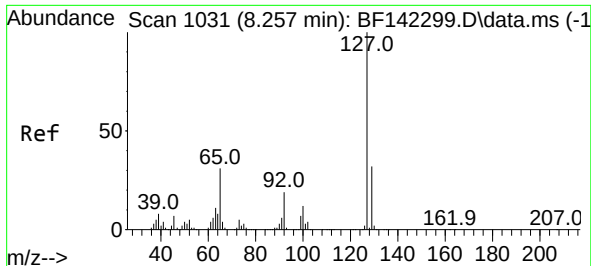
Tgt Ion:128 Resp: 1484514
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 36.847 ng
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: 221584
Ion Ratio Lower Upper
122 100
105 120.0 97.9 137.9
77 88.7 67.7 107.7

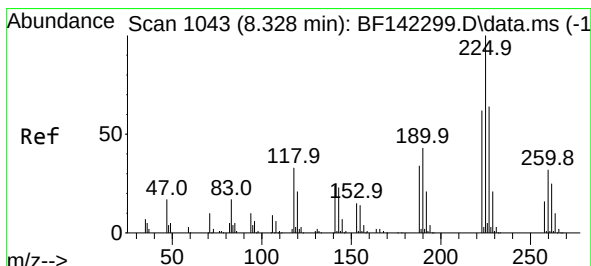
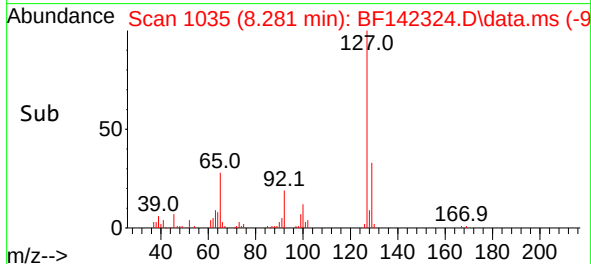
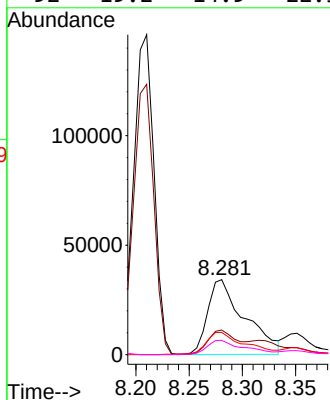
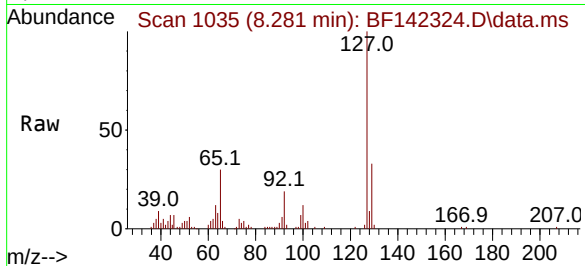




#33
4-Chloroaniline
Concen: 5.349 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.024 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

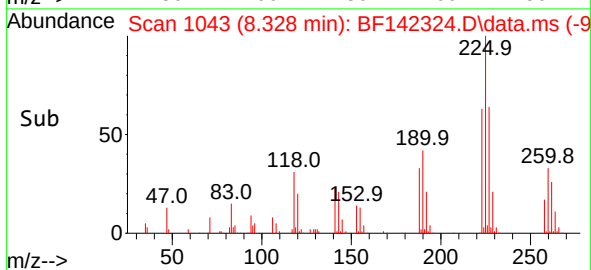
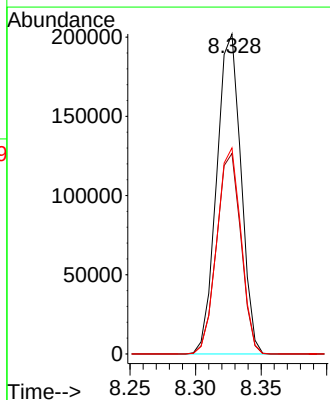
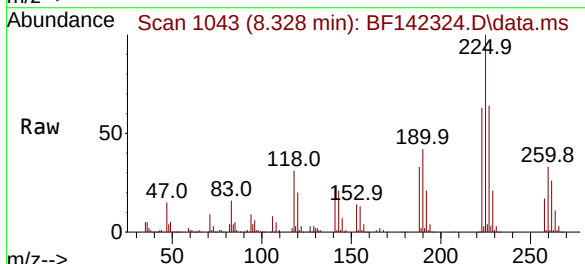
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

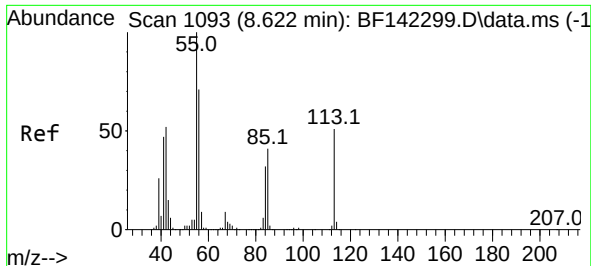
Tgt Ion:	127	Resp:	82657
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.7	38.5
65	29.7	24.9	37.3
92	19.2	14.9	22.3



#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

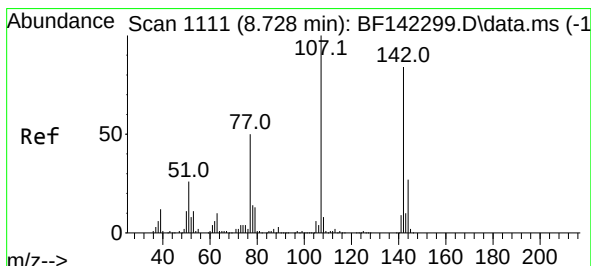
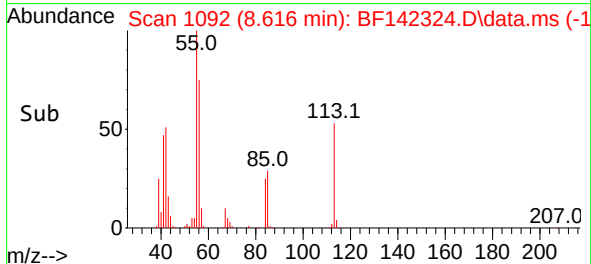
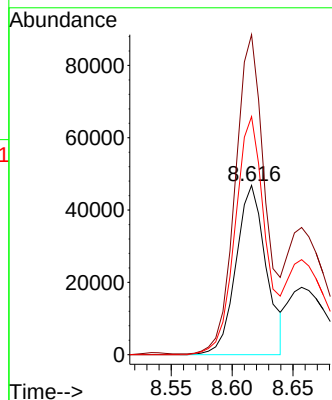
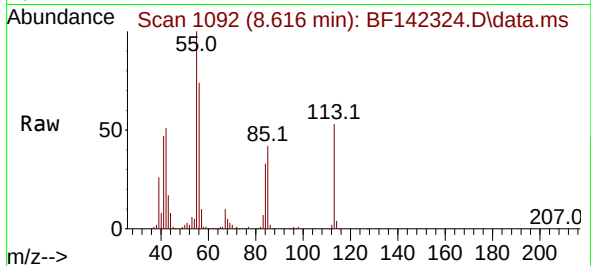




#35
Caprolactam
Concen: 26.706 ng
RT: 8.616 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

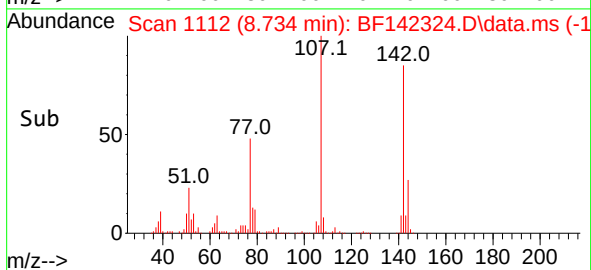
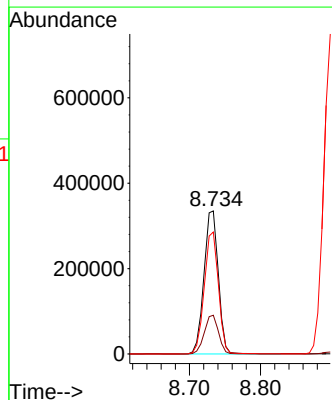
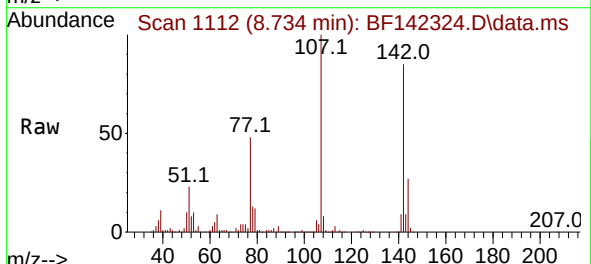
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

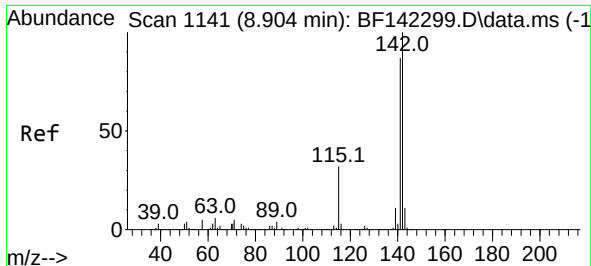
Tgt Ion:113 Resp: 80714
Ion Ratio Lower Upper
113 100
55 189.1 176.4 216.4
56 140.7 120.3 160.3



#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

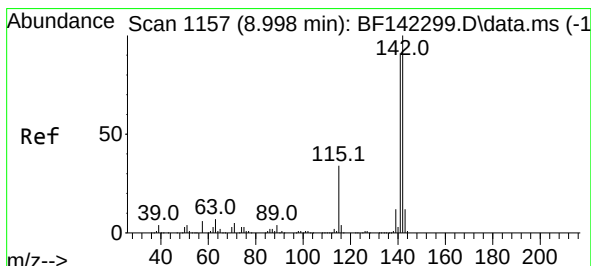
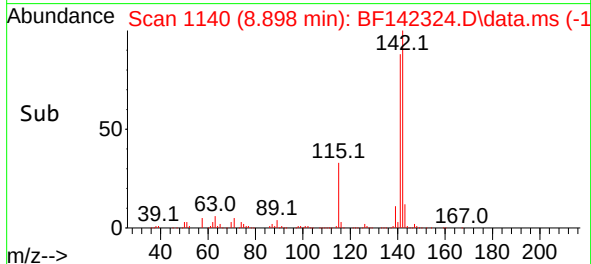
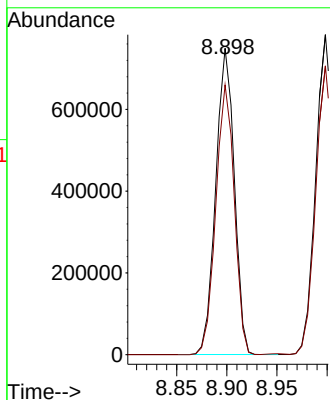
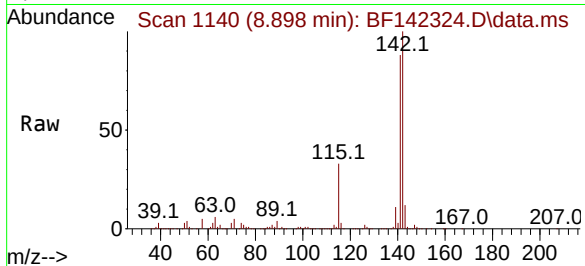




#37
2-Methylnaphthalene
Concen: 40.938 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

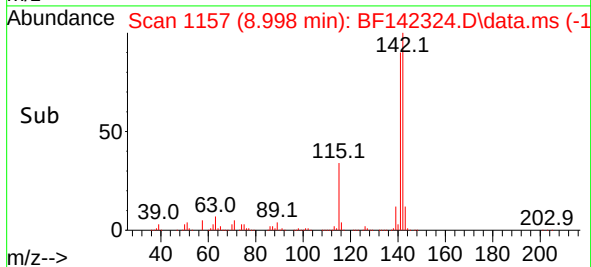
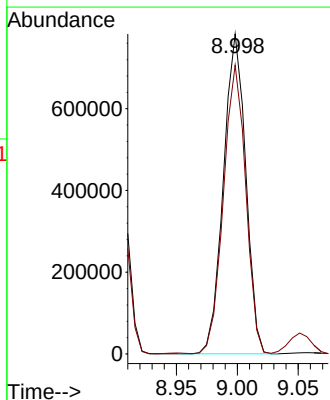
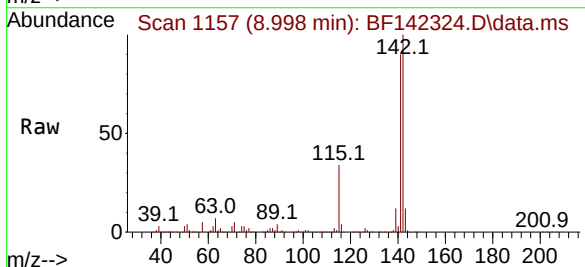
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

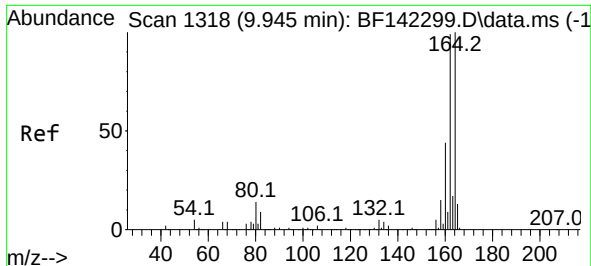
Tgt Ion:142 Resp: 963300
Ion Ratio Lower Upper
142 100
141 88.0 69.4 104.2



#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

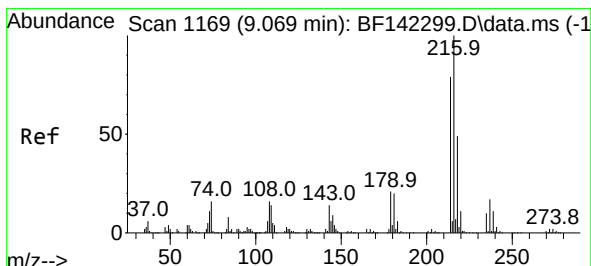
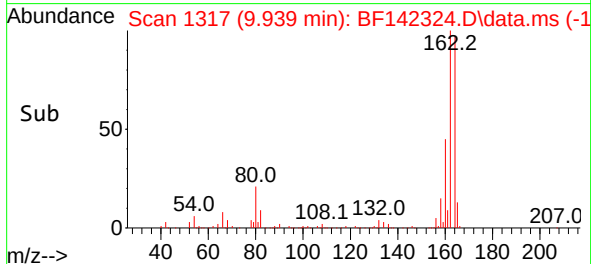
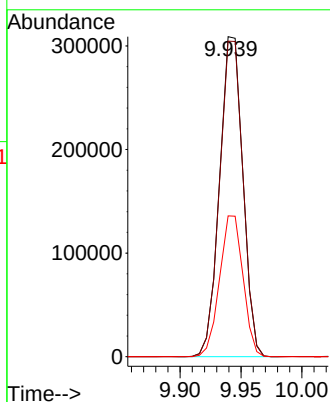
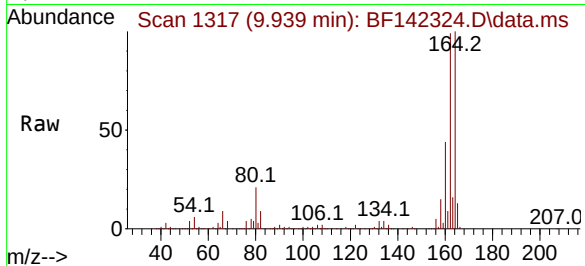




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

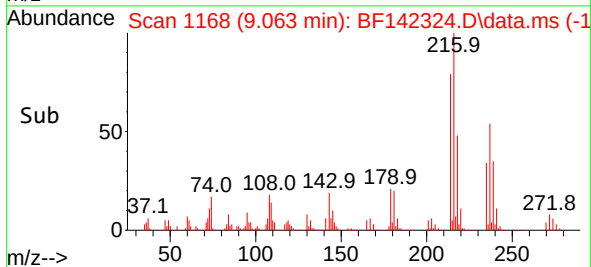
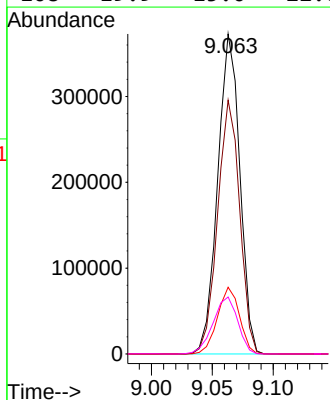
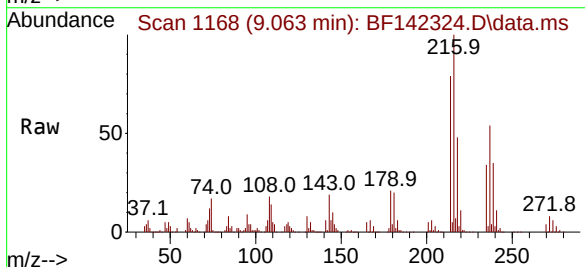
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

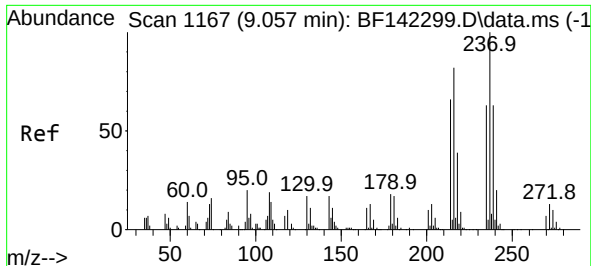
Tgt Ion:164 Resp: 411558
Ion Ratio Lower Upper
164 100
162 98.6 79.2 118.8
160 44.0 35.3 52.9



#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

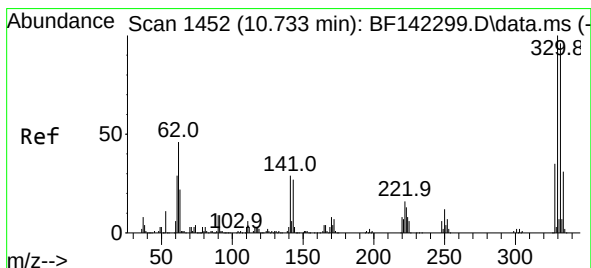
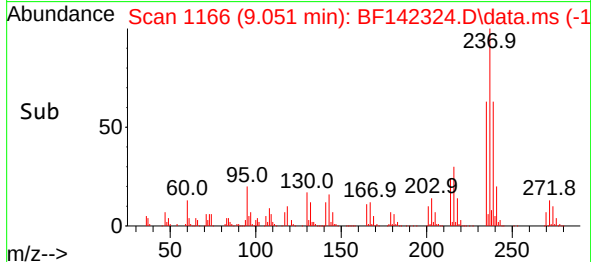
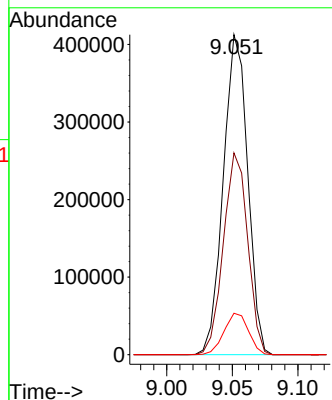
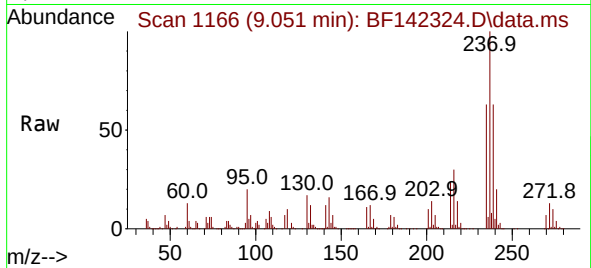




#41
Hexachlorocyclopentadiene
Concen: 75.066 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

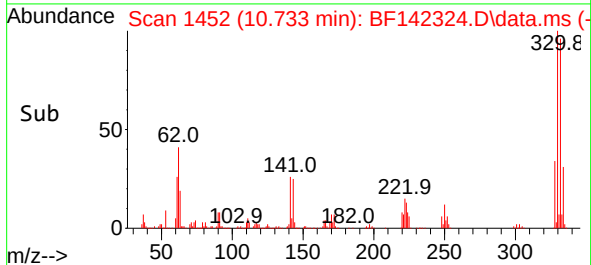
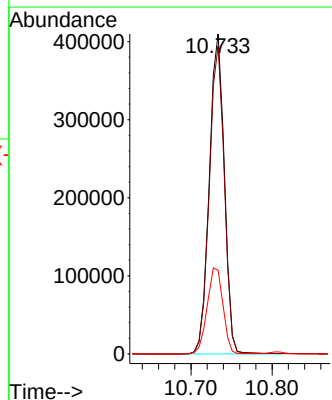
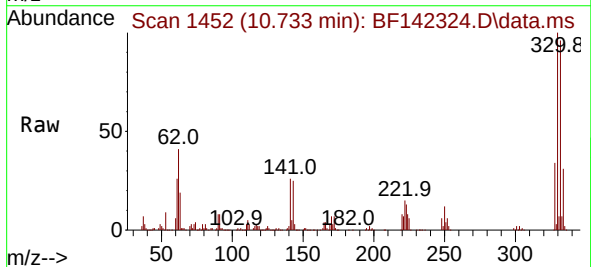
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

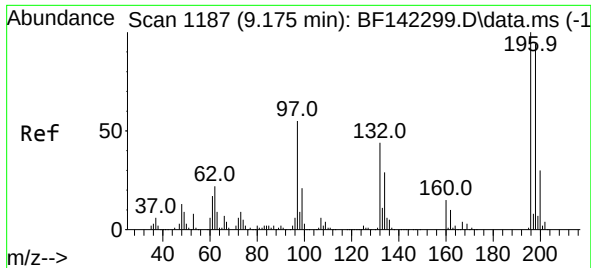
Tgt Ion:237 Resp: 533254
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 13.0 0.0 33.0



#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

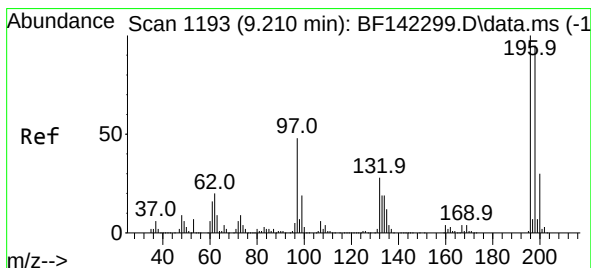
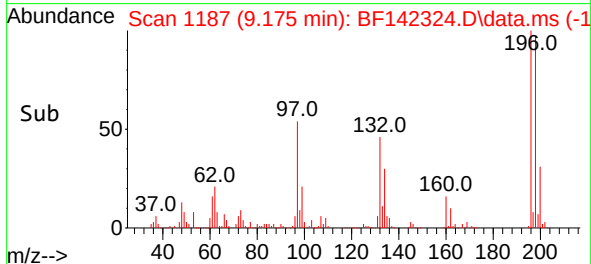
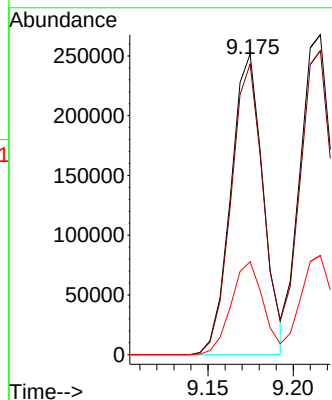
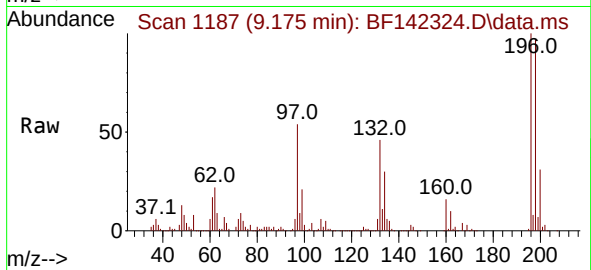




#43
 2,4,6-Trichlorophenol
 Concen: 45.787 ng
 RT: 9.175 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

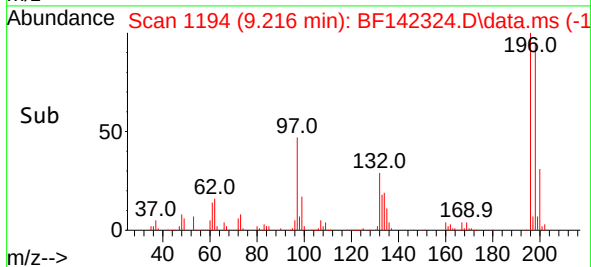
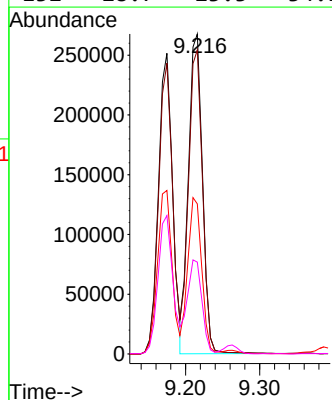
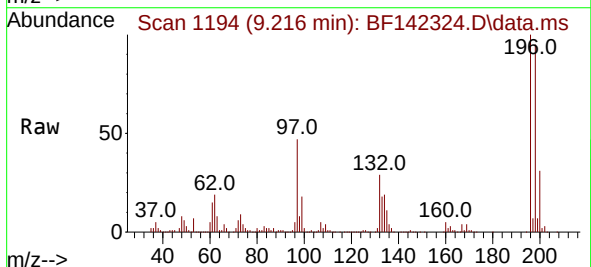
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MSD

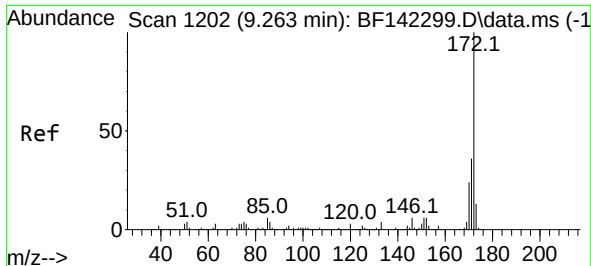
Tgt Ion:196 Resp: 331968
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.4 113.0
 200 30.9 24.3 36.5



#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

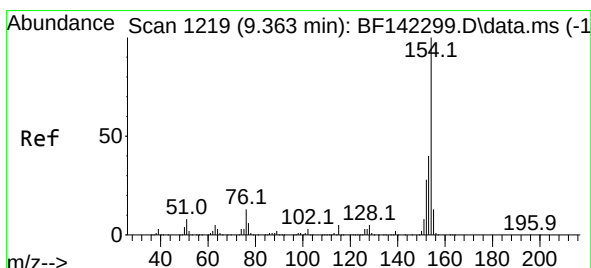
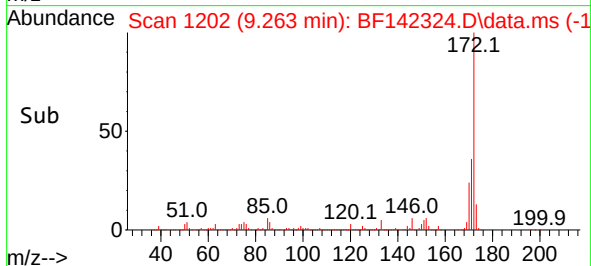
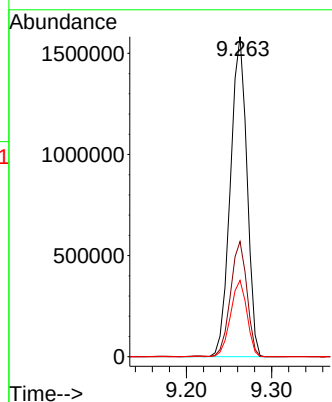
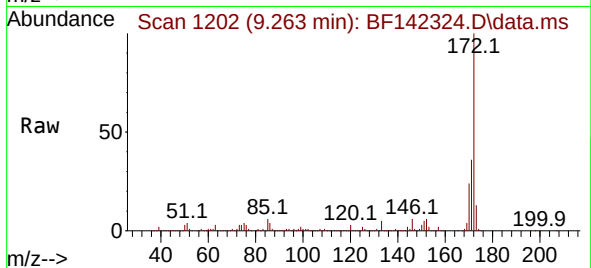
Tgt Ion:172 Resp: 2133804

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

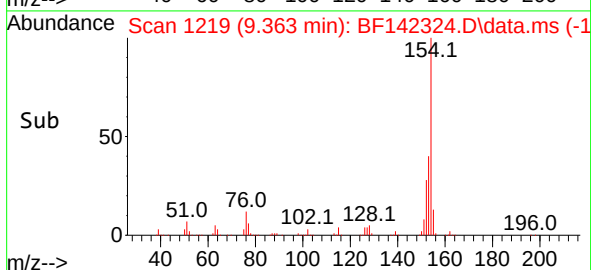
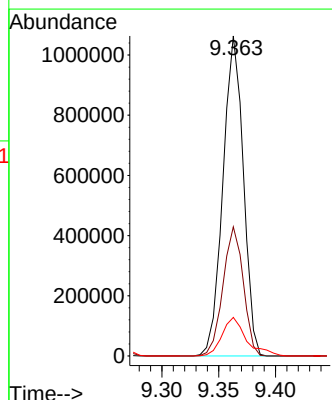
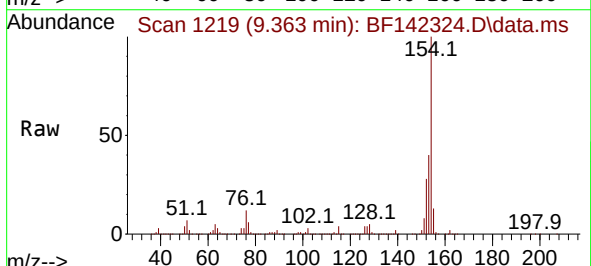
Tgt Ion:154 Resp: 1328874

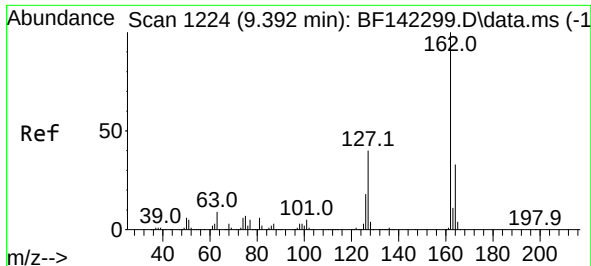
Ion Ratio Lower Upper

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

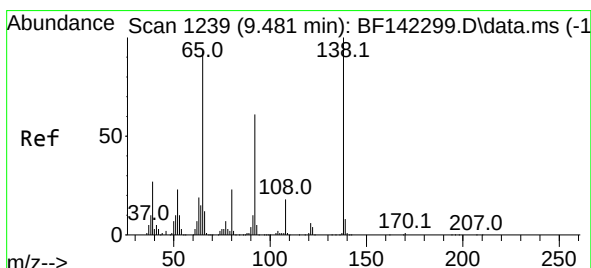
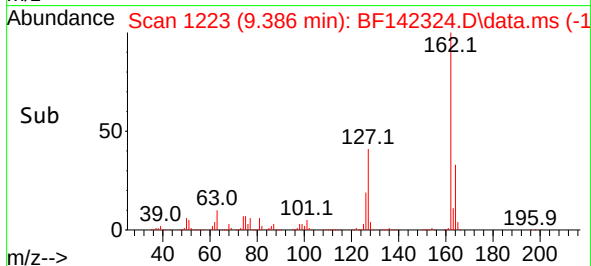
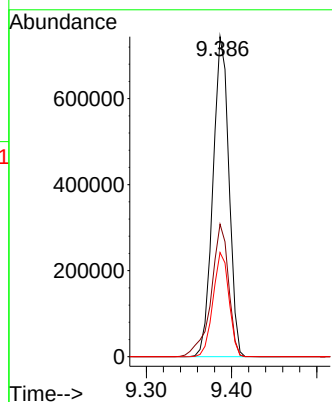
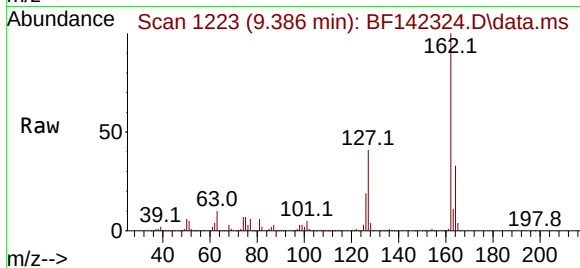
Tgt Ion:162 Resp: 972939

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

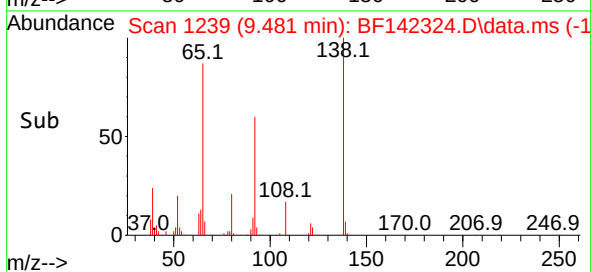
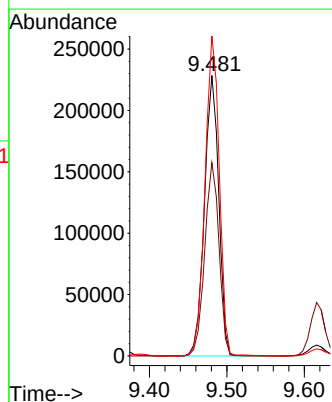
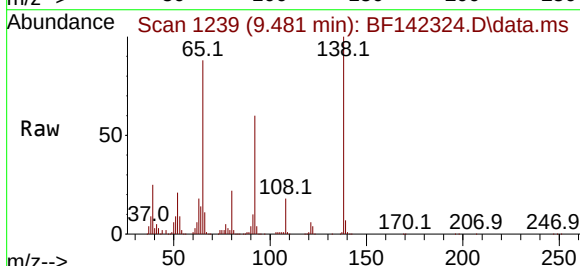
Tgt Ion: 65 Resp: 292851

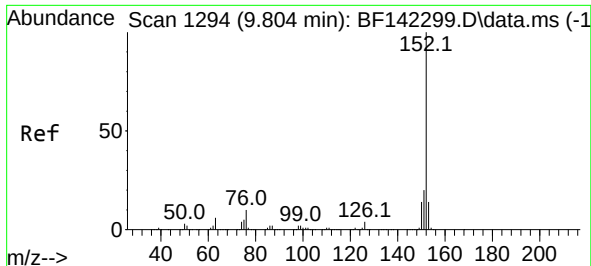
Ion Ratio Lower Upper

65 100

92 68.9 52.3 78.5

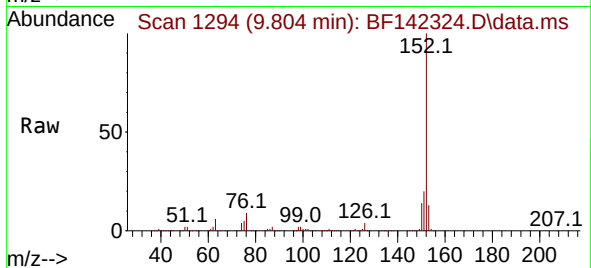
138 114.1 85.6 128.4



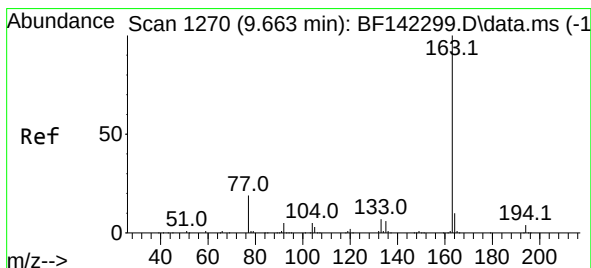
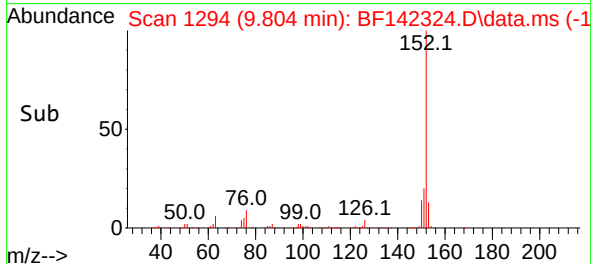
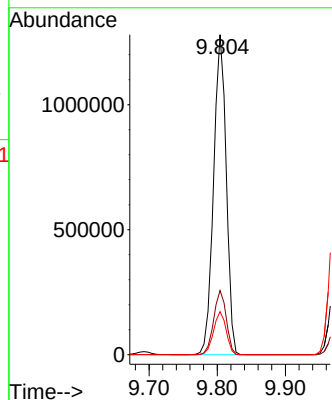


#49
Acenaphthylene
Concen: 42.131 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

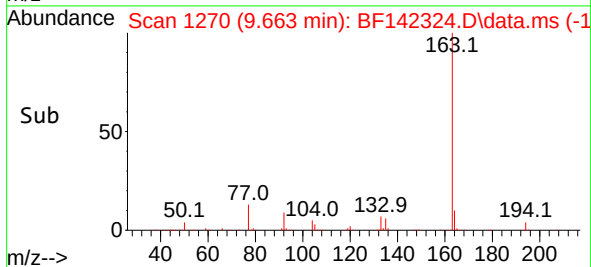
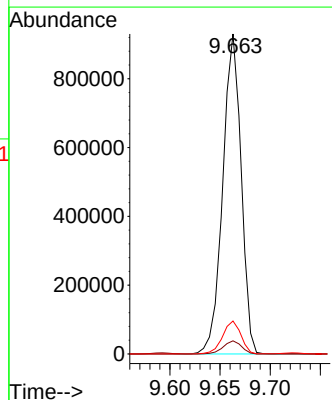
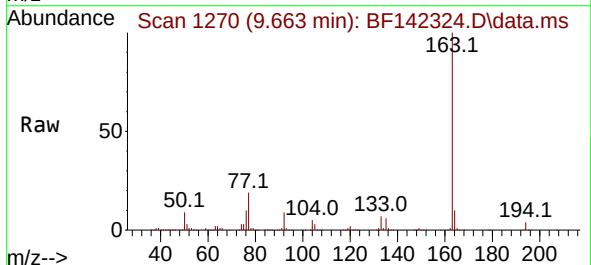


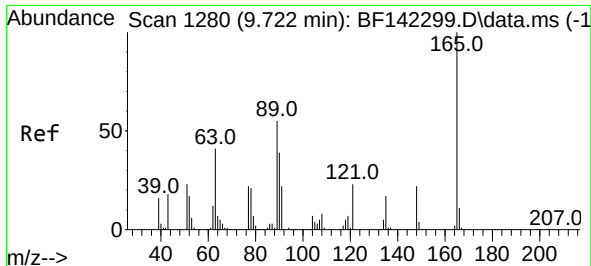
Tgt Ion:152 Resp: 1653983
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.8 16.2



#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

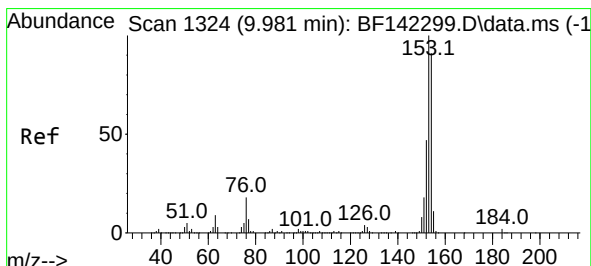
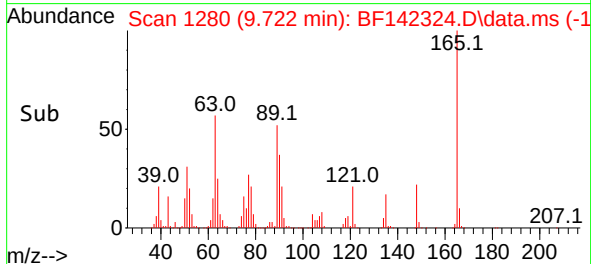
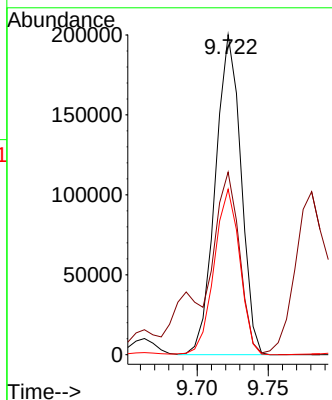
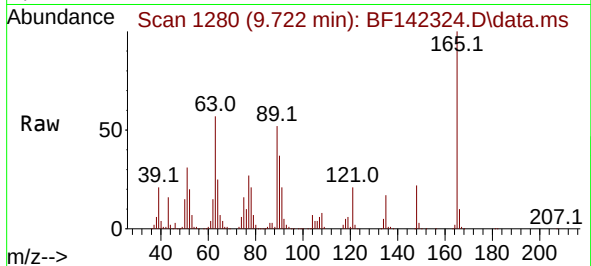




#51
2,6-Dinitrotoluene
Concen: 50.756 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

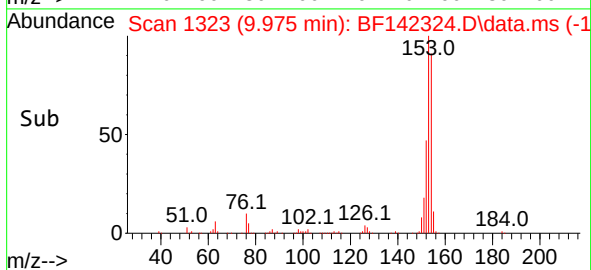
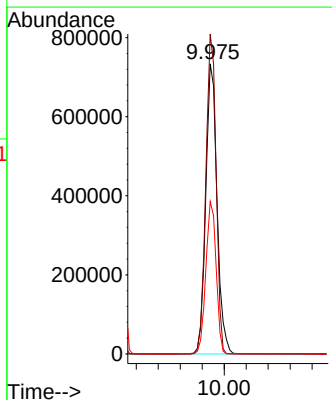
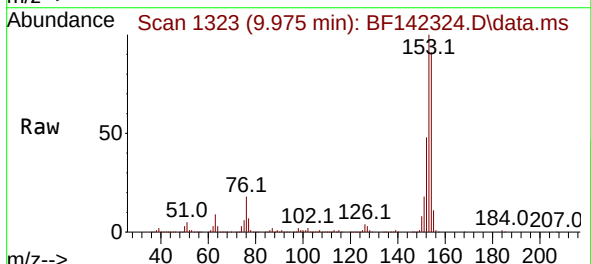
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

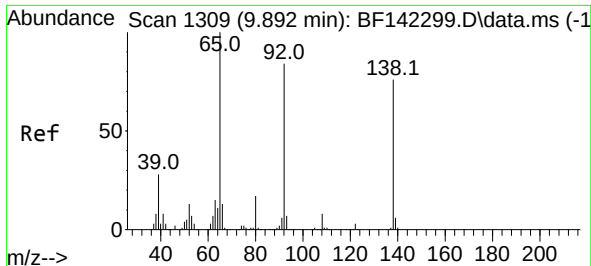
Tgt Ion:165 Resp: 251074
Ion Ratio Lower Upper
165 100
63 57.1 49.5 74.3
89 51.7 44.6 66.8



#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

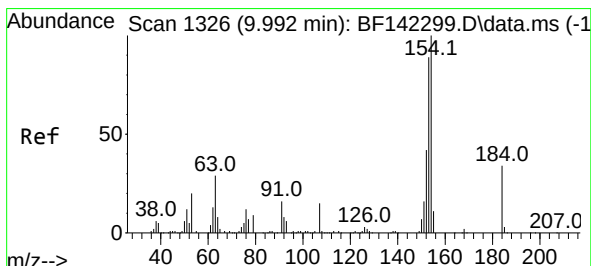
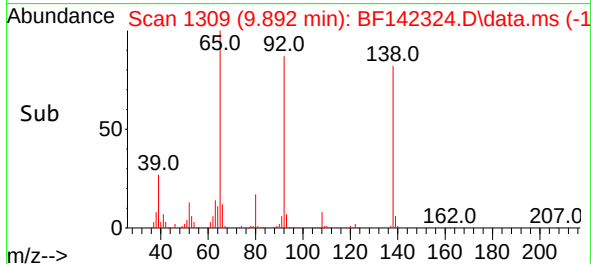
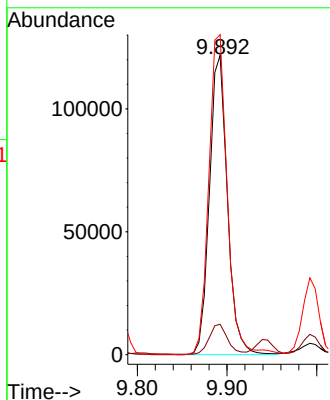
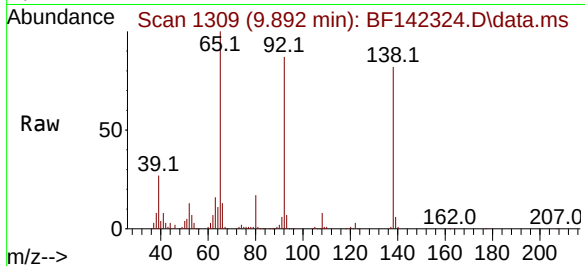




#53
3-Nitroaniline
Concen: 29.203 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

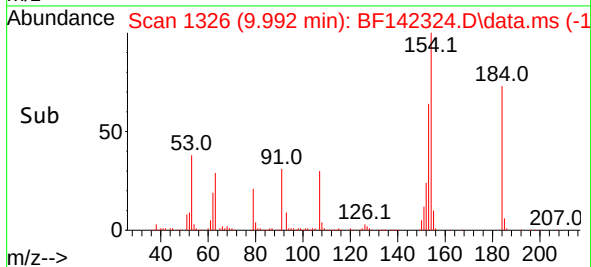
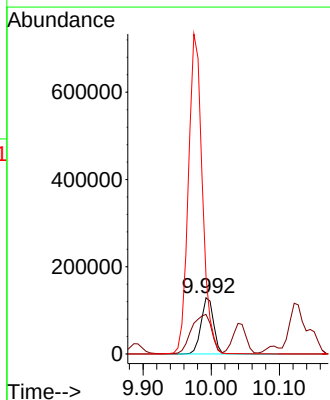
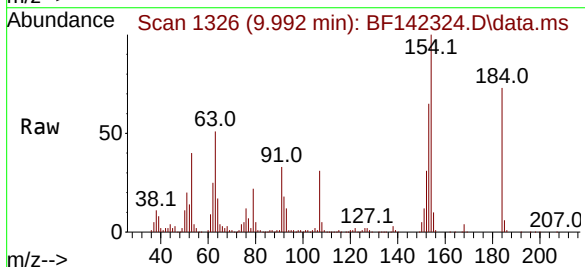
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

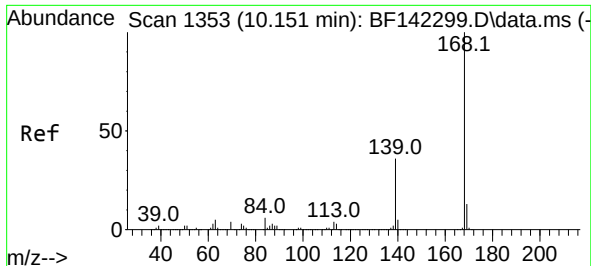
Tgt Ion:138 Resp: 169421
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 106.9 89.5 134.3



#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#

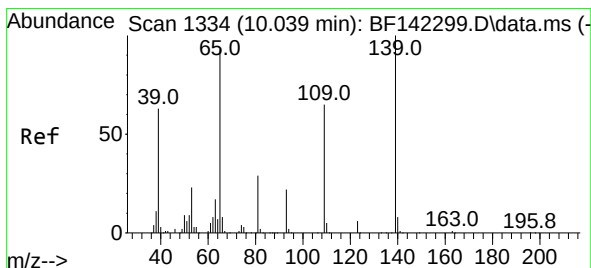
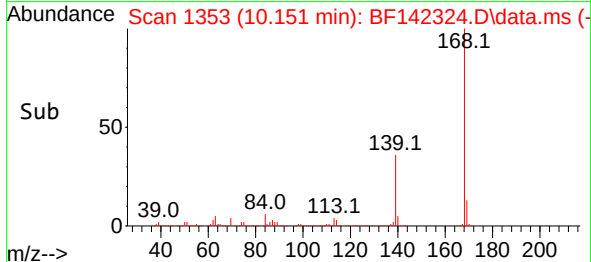
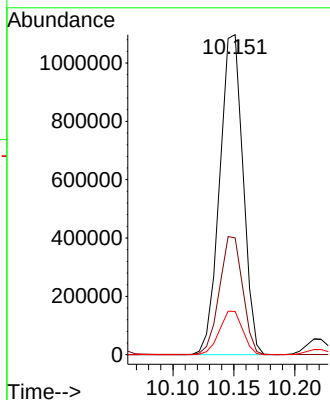
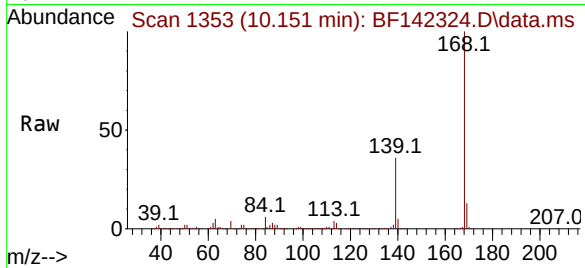




#55
Dibenzenofuran
Concen: 41.978 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

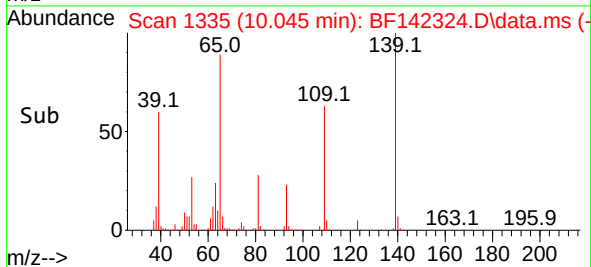
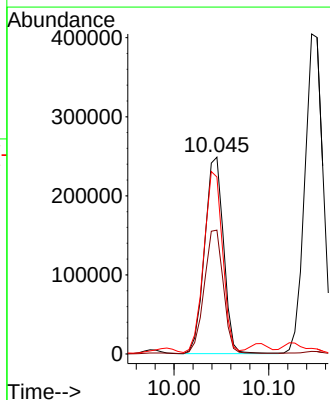
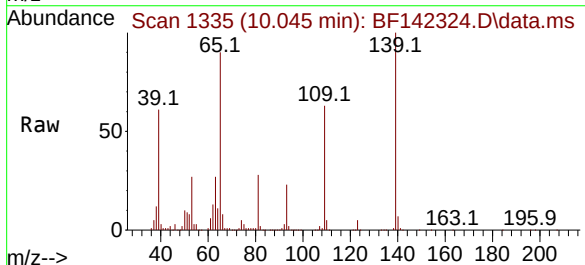
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

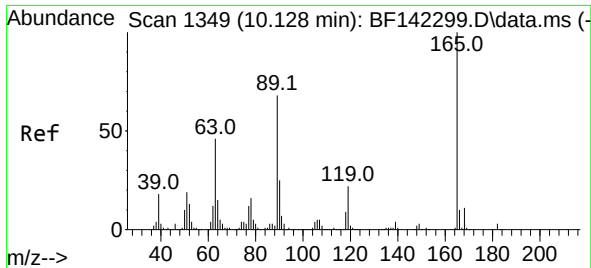
Tgt Ion:168 Resp: 1462393
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4
169 13.5 10.7 16.1



#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

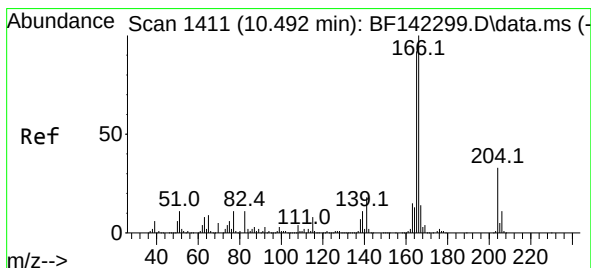
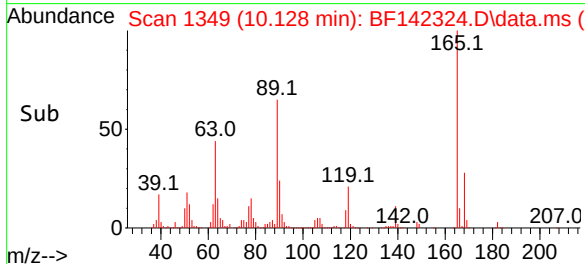
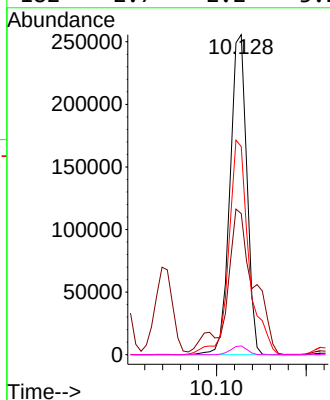
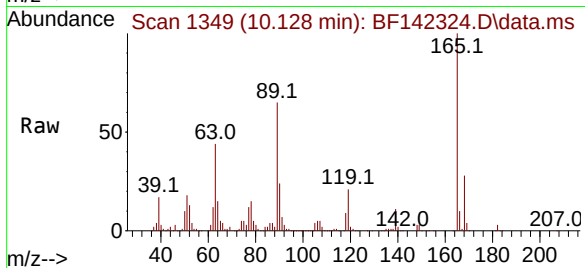




#57
2,4-Dinitrotoluene
Concen: 52.457 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

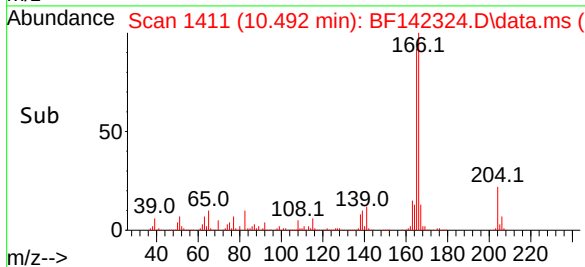
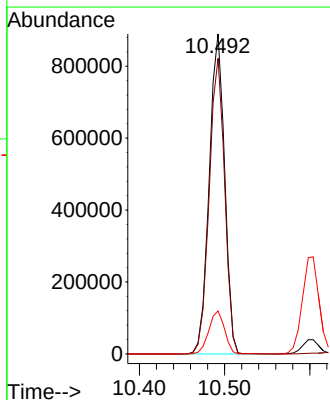
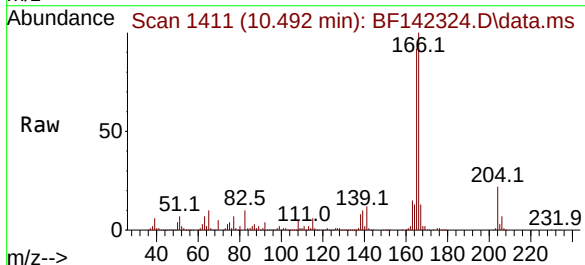
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

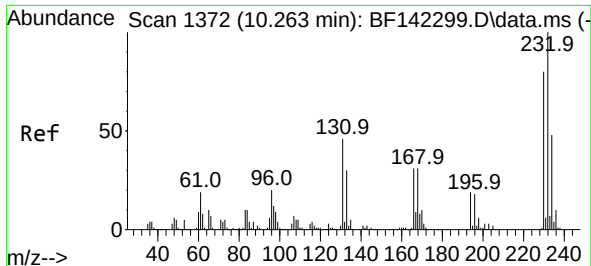
Tgt Ion:165 Resp: 332852
Ion Ratio Lower Upper
165 100
63 44.1 37.1 55.7
89 65.0 54.4 81.6
182 2.7 2.2 3.2



#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

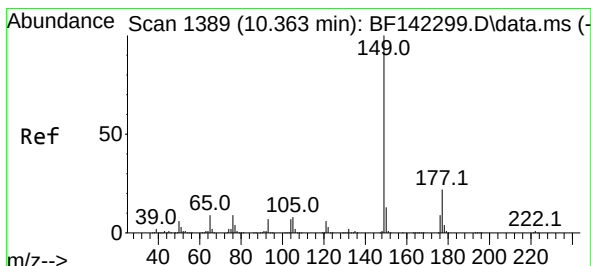
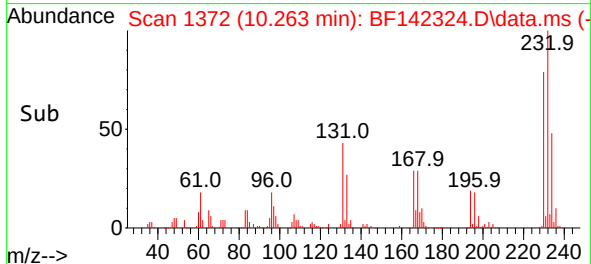
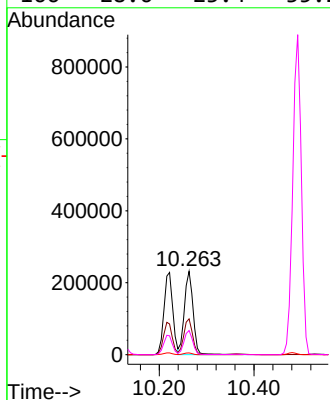
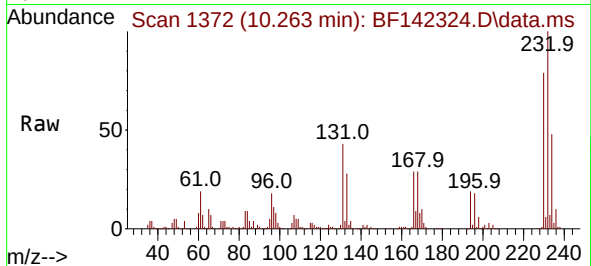




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.435 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

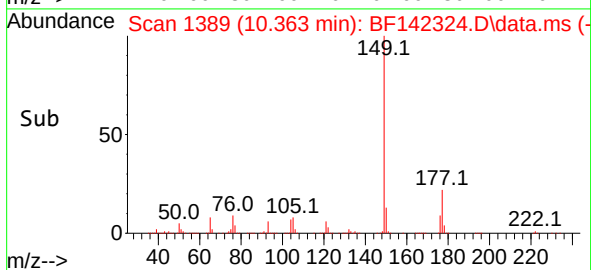
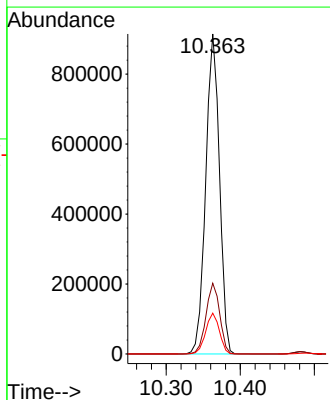
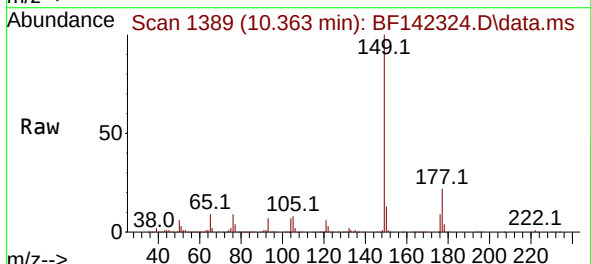
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

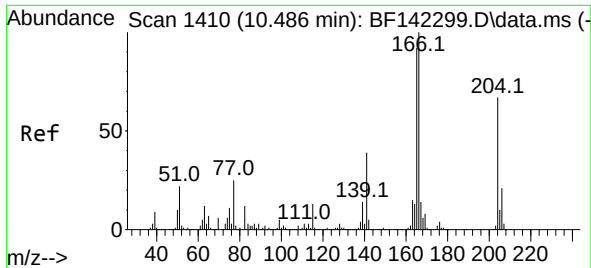
Tgt Ion:232 Resp: 295712
Ion Ratio Lower Upper
232 100
131 43.4 36.0 54.0
130 2.1 1.8 2.6
166 28.6 23.4 35.2



#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

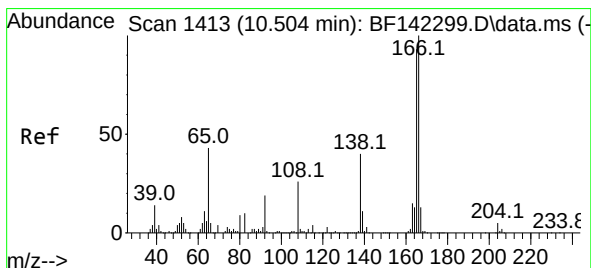
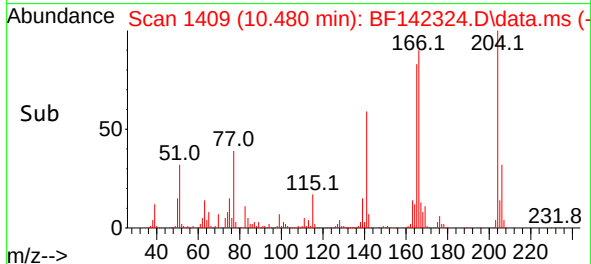
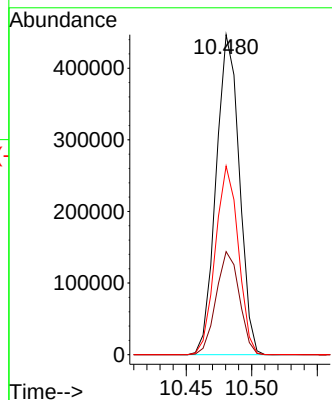
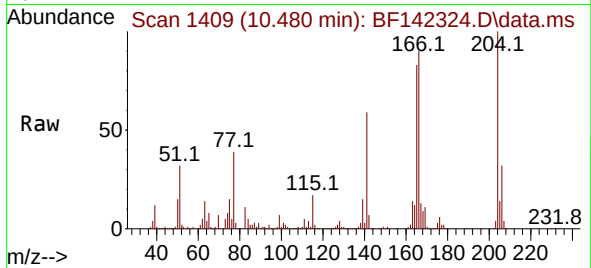




#61
4-Chlorophenyl-phenylether
Concen: 42.865 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

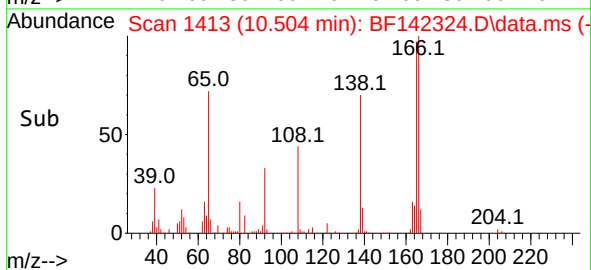
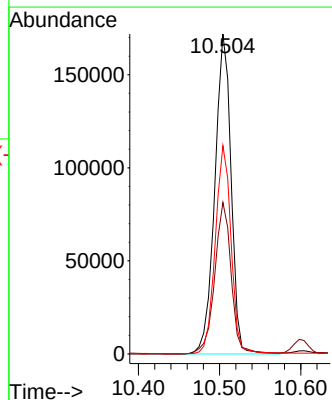
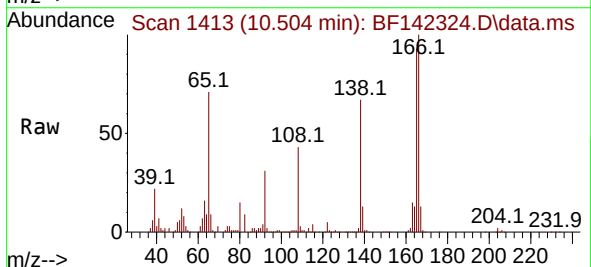
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

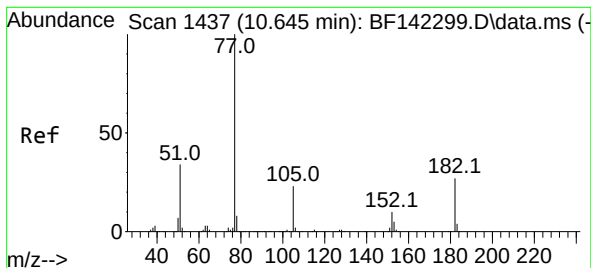
Tgt Ion:204 Resp: 549809
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 59.0 46.4 69.6



#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

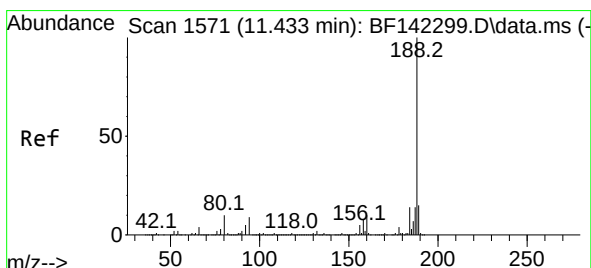
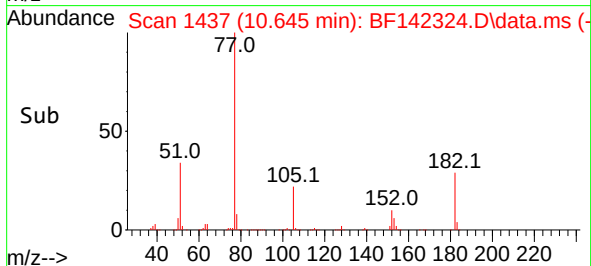
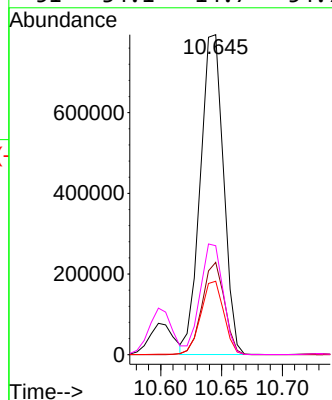
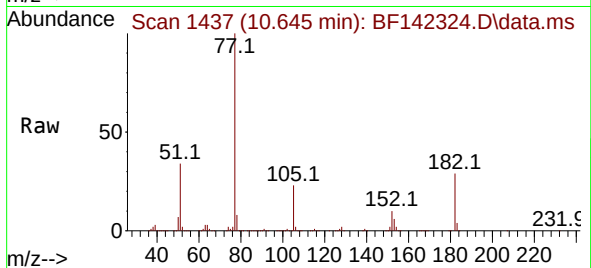
Ion Ratio Lower Upper

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

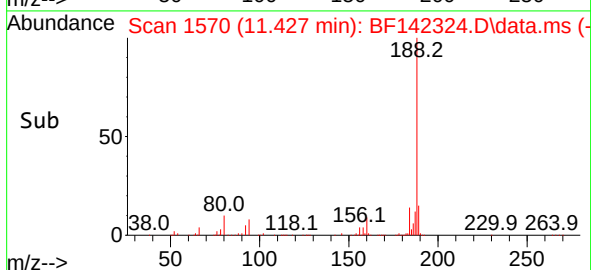
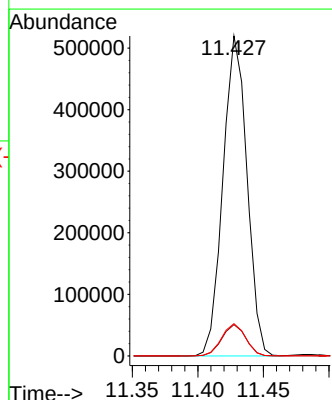
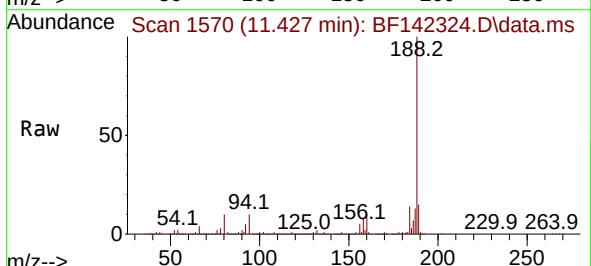
Tgt Ion:188 Resp: 662613

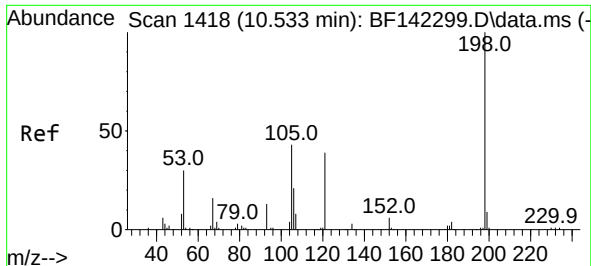
Ion Ratio Lower Upper

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

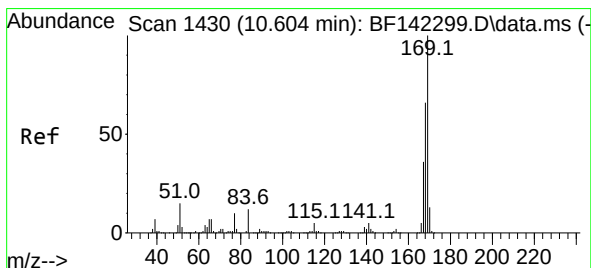
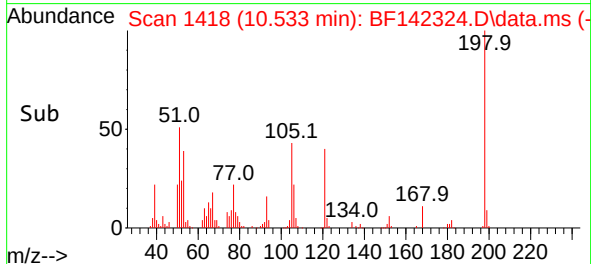
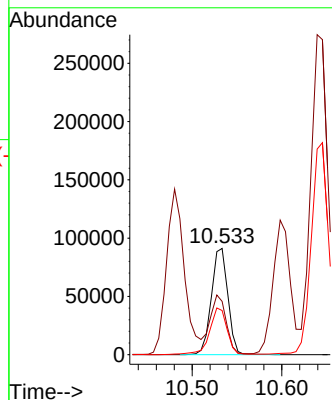
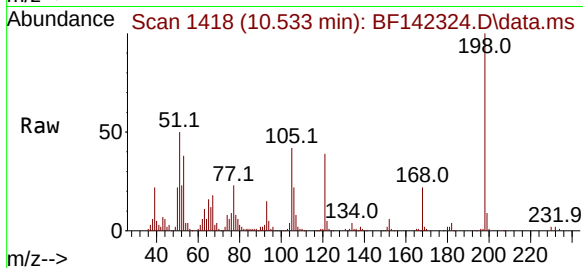
Tgt Ion:198 Resp: 116145

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

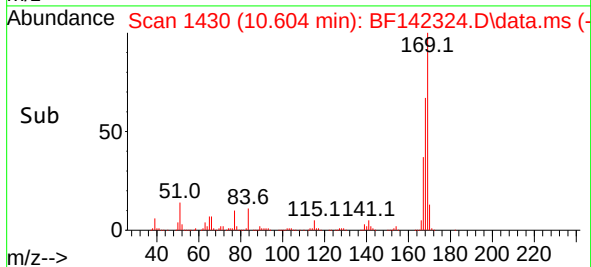
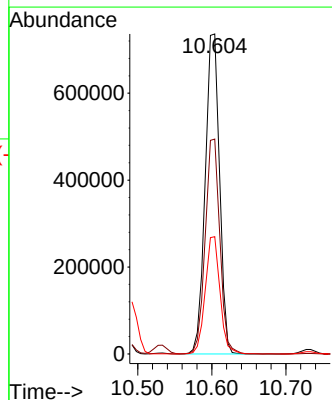
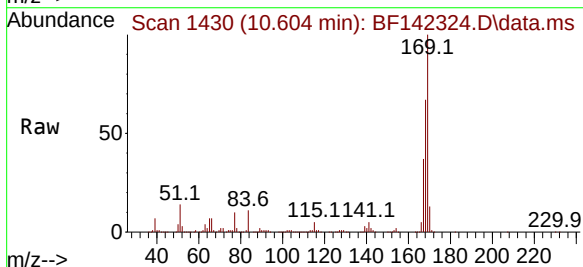
Tgt Ion:169 Resp: 990288

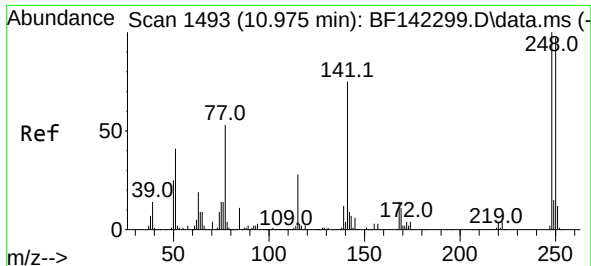
Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

167 36.7 28.9 43.3

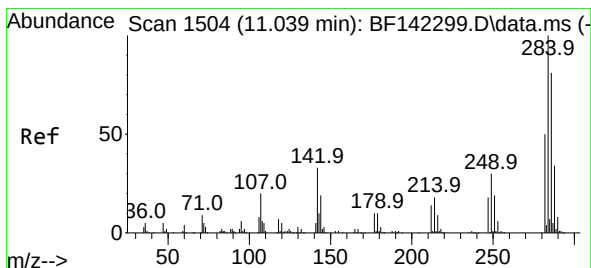
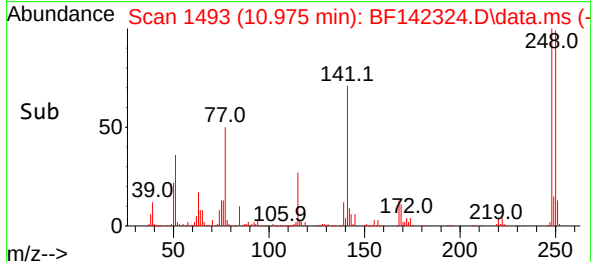
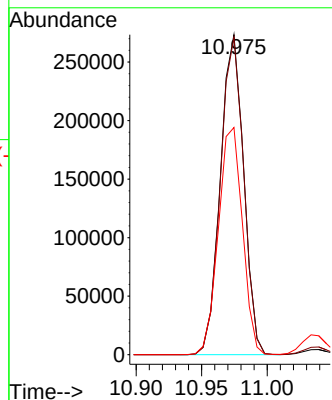
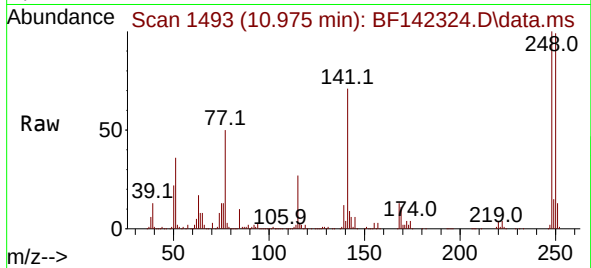




#67
4-Bromophenyl-phenylether
Concen: 44.957 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

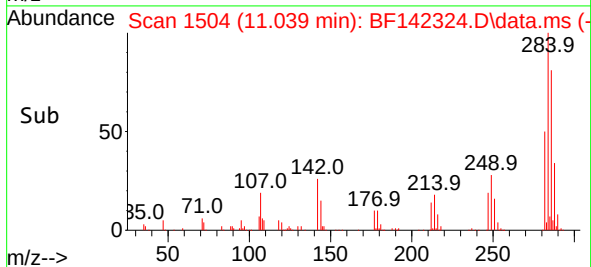
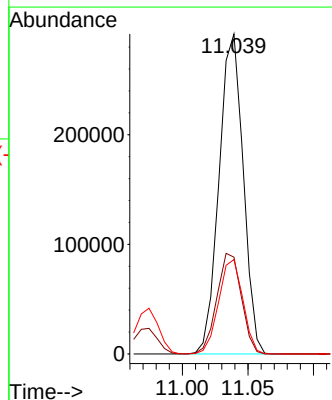
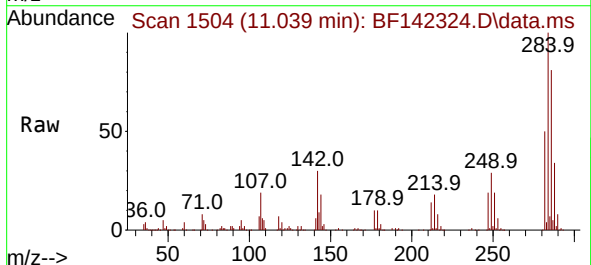
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

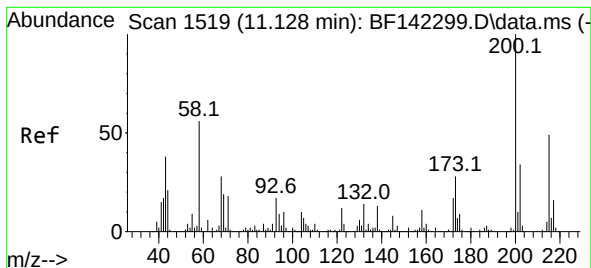
Tgt Ion:248 Resp: 337613
Ion Ratio Lower Upper
248 100
250 99.2 77.9 116.9
141 71.0 59.8 89.8



#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# 1519

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

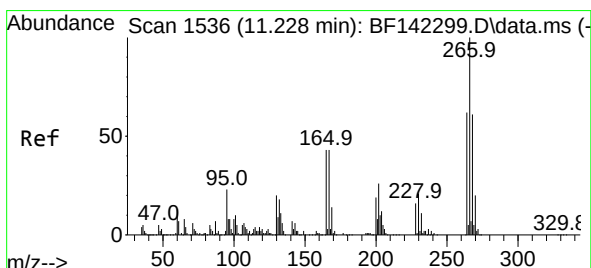
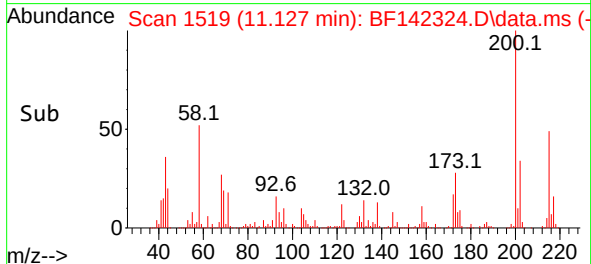
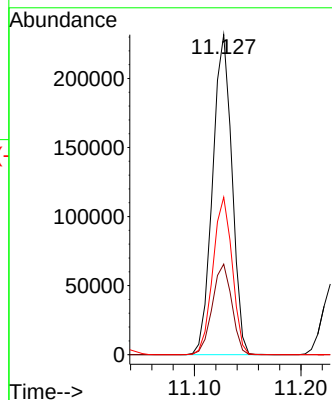
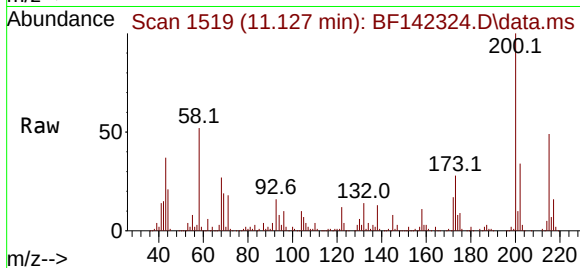
Tgt Ion:200 Resp: 292643

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

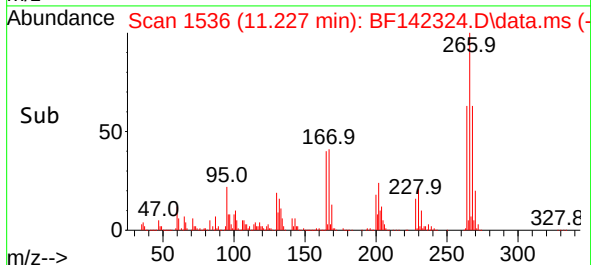
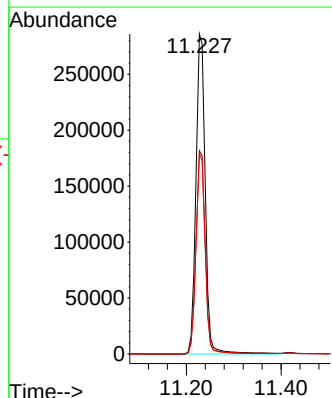
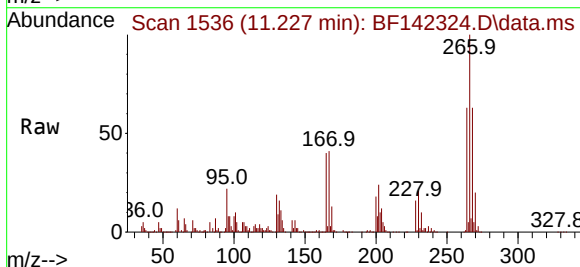
Tgt Ion:266 Resp: 390889

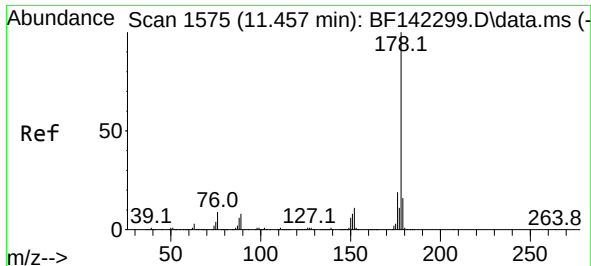
Ion Ratio Lower Upper

266 100

268 63.5 48.7 73.1

264 62.8 49.8 74.6

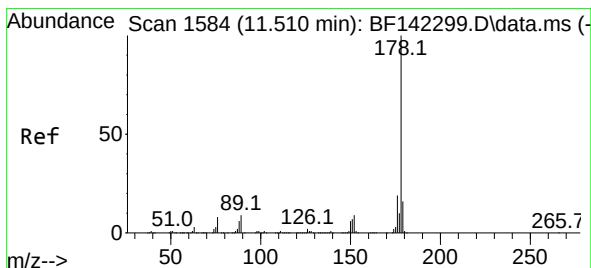
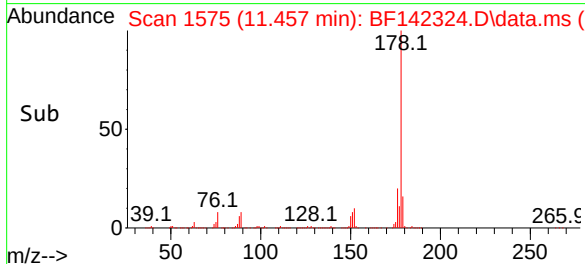
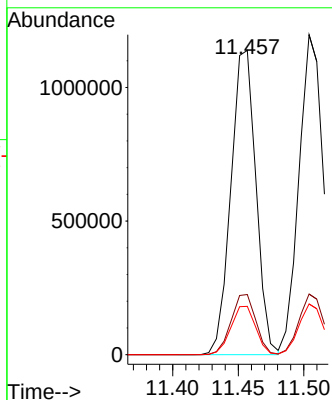
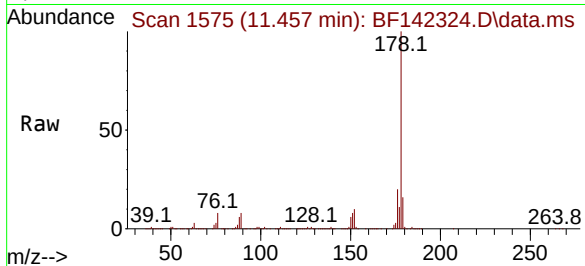




#71
Phenanthrene
Concen: 43.629 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

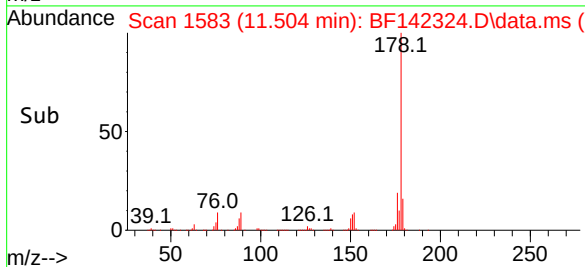
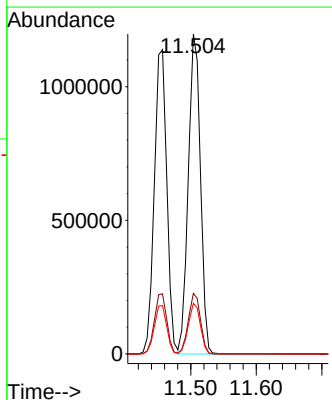
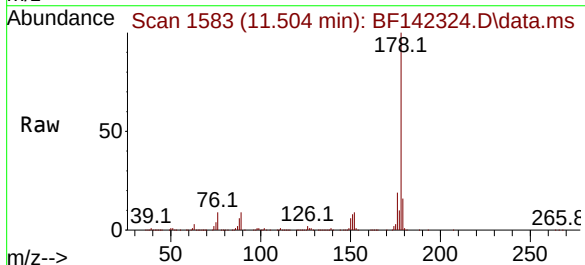
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

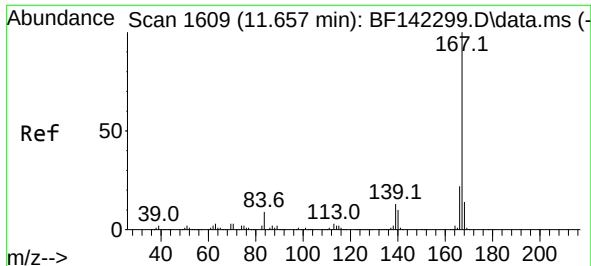
Tgt Ion:178 Resp: 1515338
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.6 18.8



#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

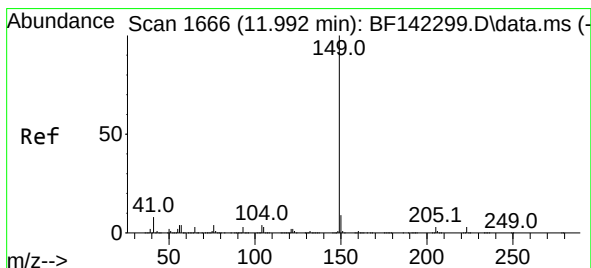
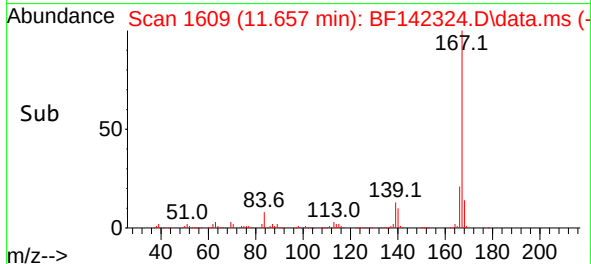
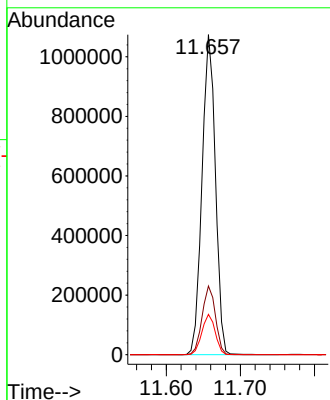
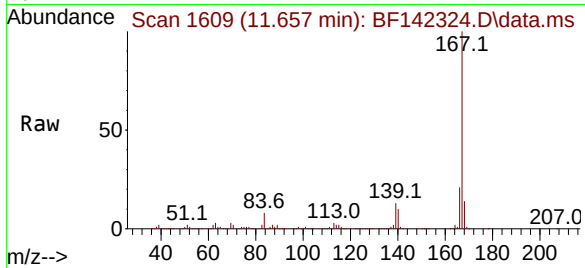




#73
 Carbazole
 Concen: 42.033 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

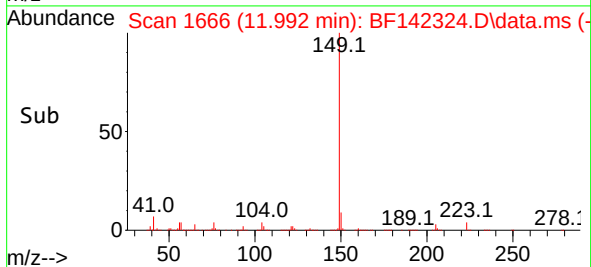
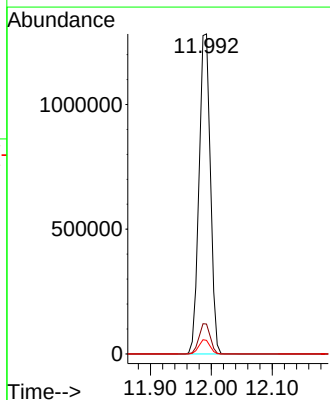
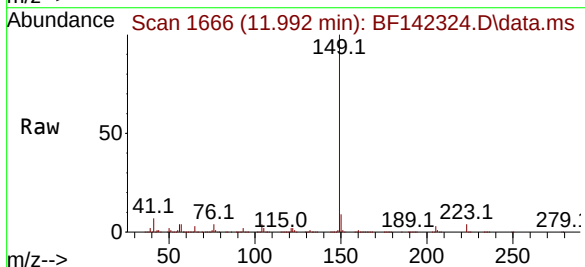
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MSD

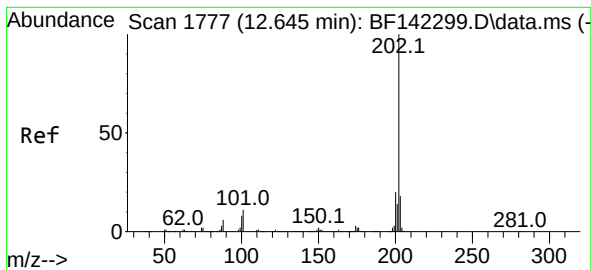
Tgt Ion:167 Resp: 1345792
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.6 10.3 15.5



#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

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

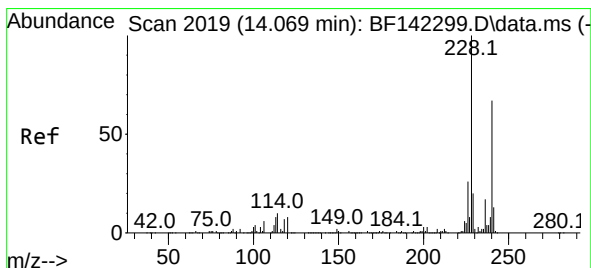
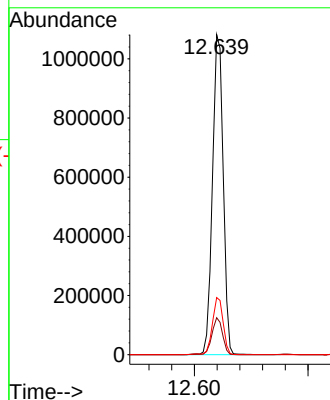
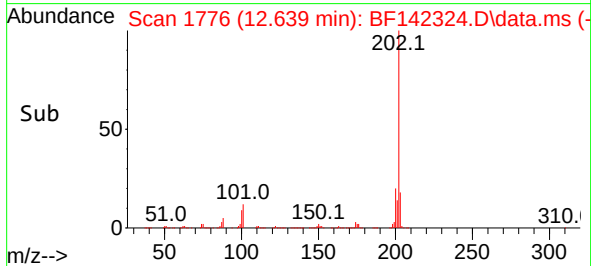
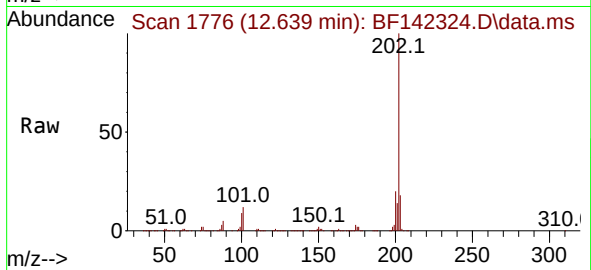
Tgt Ion:202 Resp: 1411611

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

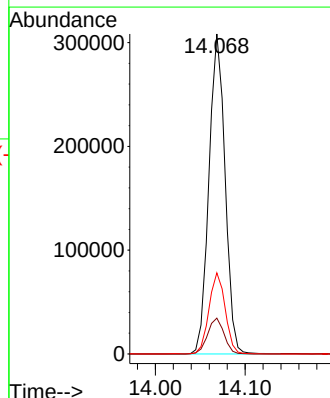
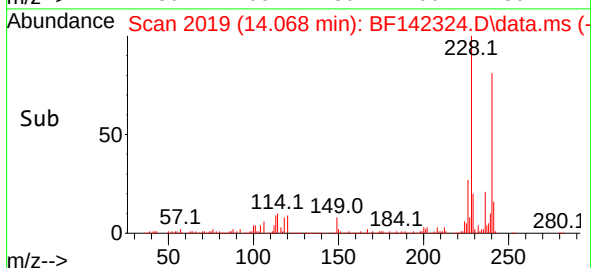
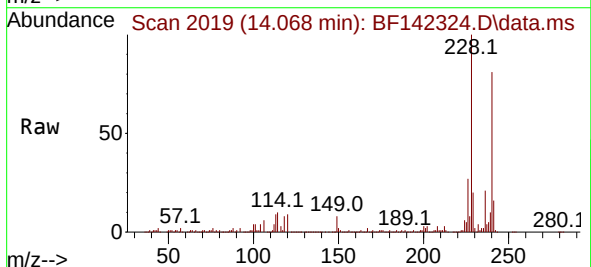
Tgt Ion:240 Resp: 385368

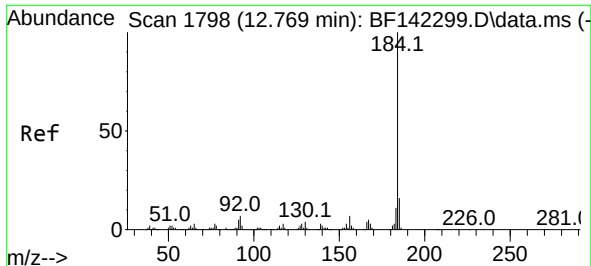
Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

236 25.4 20.0 30.0

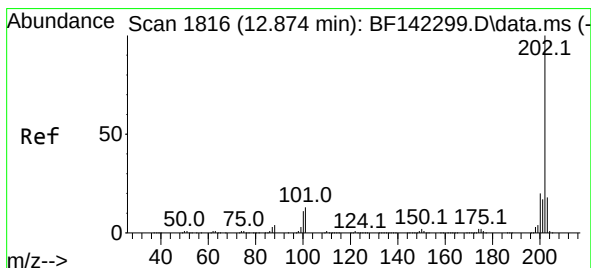
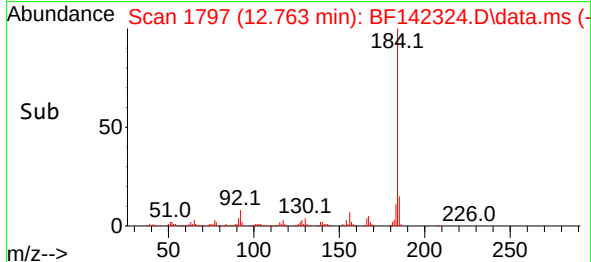
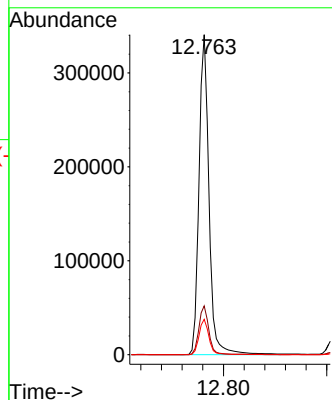
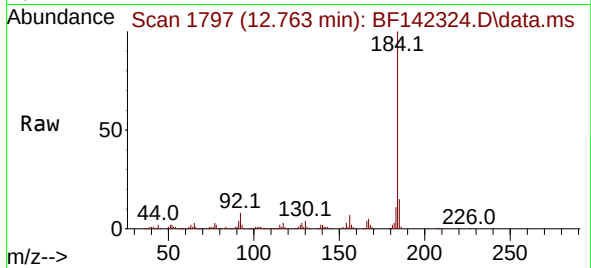




#77
Benzidine
Concen: 65.278 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

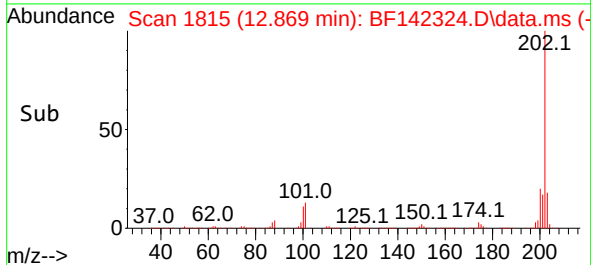
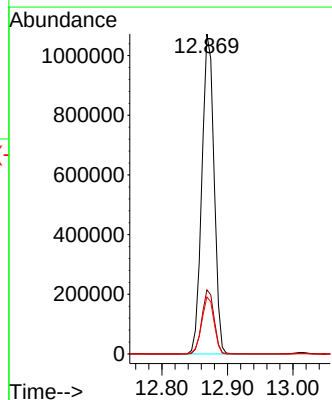
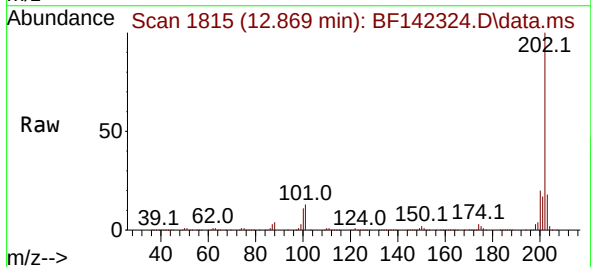
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-01MSD

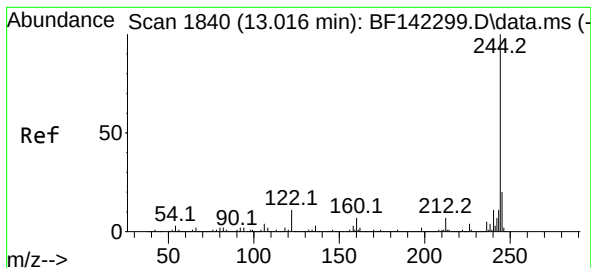
Tgt Ion:184 Resp: 457156
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 11.1 8.6 12.8



#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# 1840

Delta R.T. -0.000 min

Lab File: BF142324.D

Acq: 12 May 2025 17:10

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-01MSD

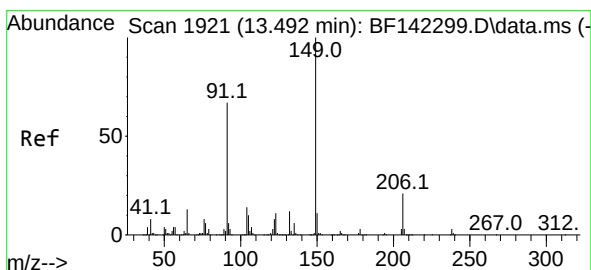
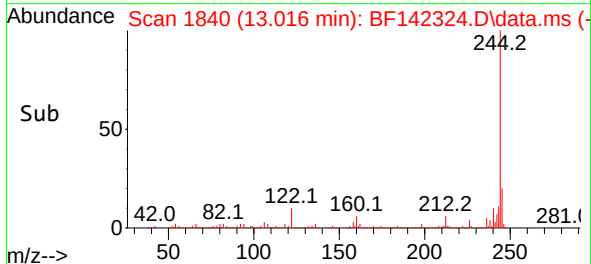
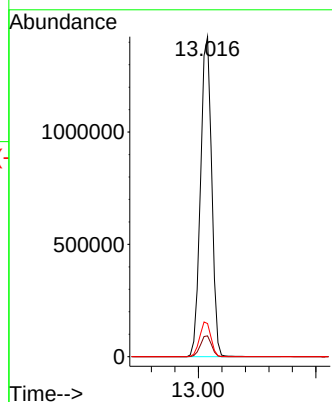
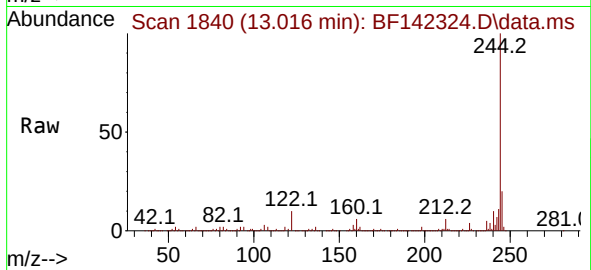
Tgt Ion:244 Resp: 1871660

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

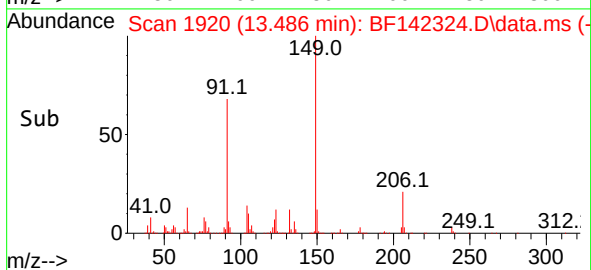
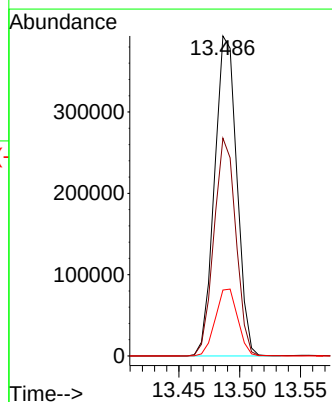
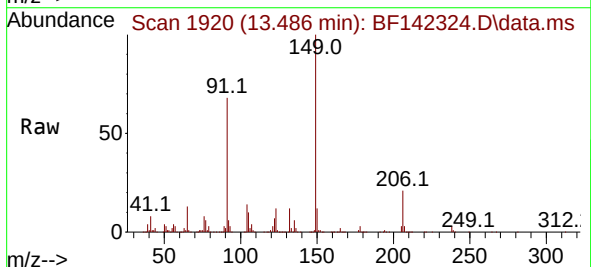
Tgt Ion:149 Resp: 501801

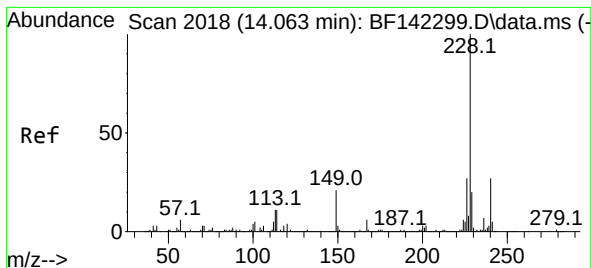
Ion Ratio Lower Upper

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

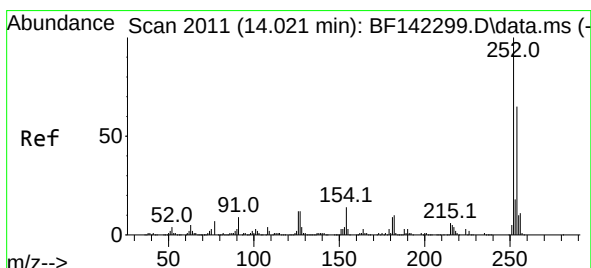
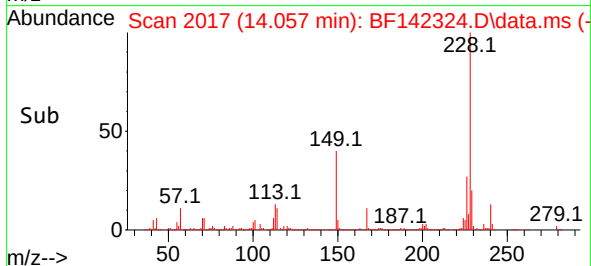
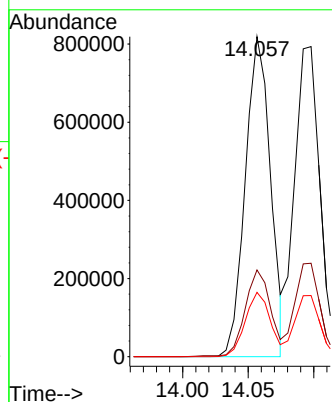
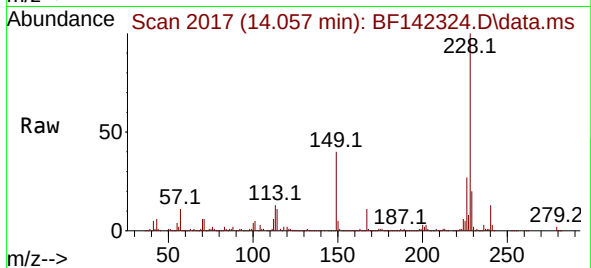
Tgt Ion:228 Resp: 1093875

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

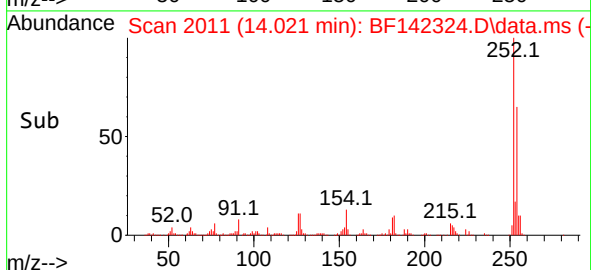
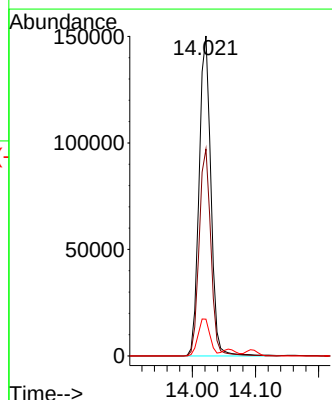
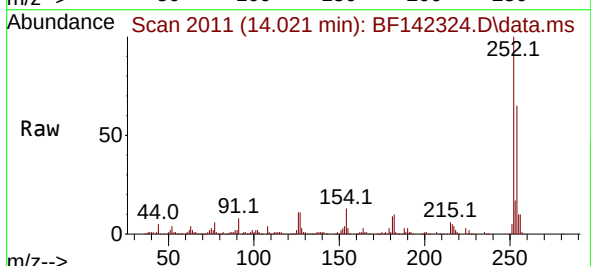
Tgt Ion:252 Resp: 194325

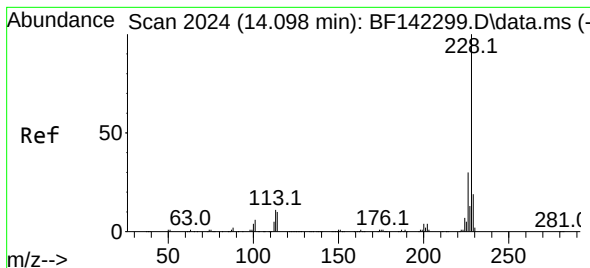
Ion Ratio Lower Upper

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

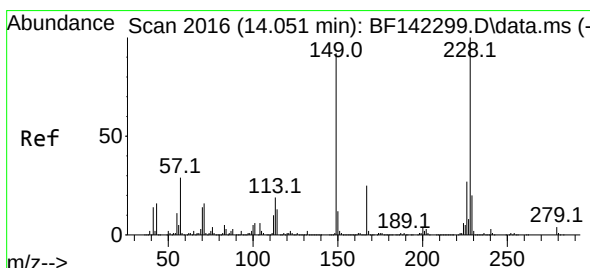
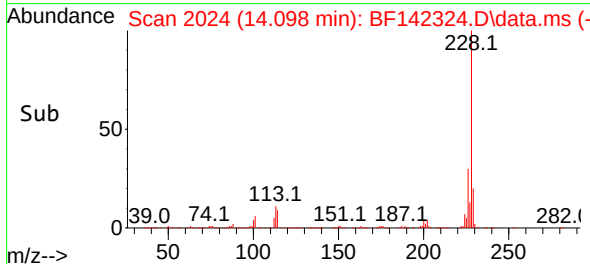
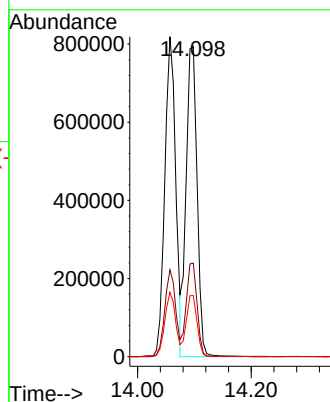
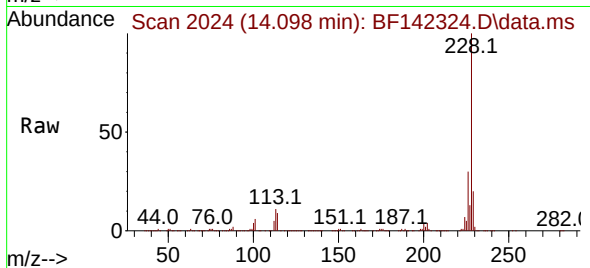
Tgt Ion:228 Resp: 1061591

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

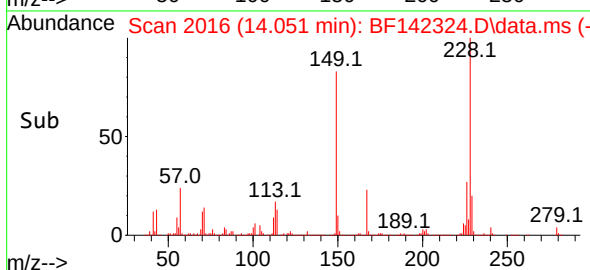
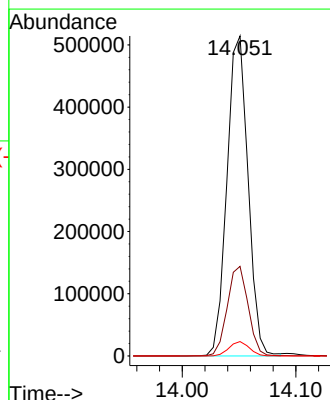
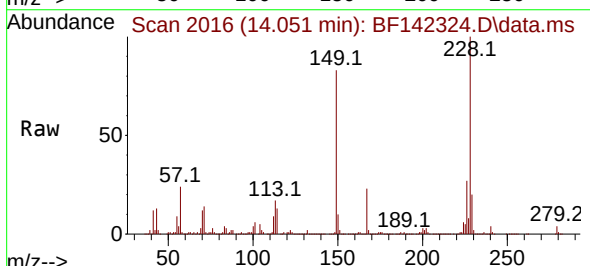
Tgt Ion:149 Resp: 663475

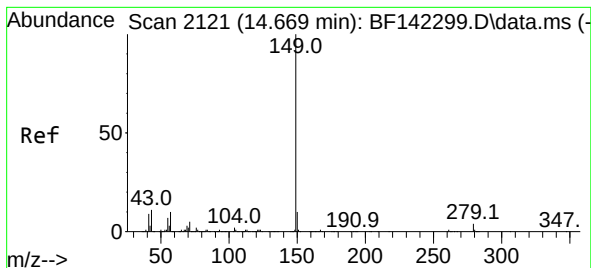
Ion Ratio Lower Upper

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

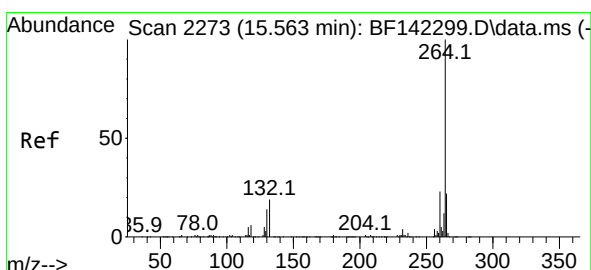
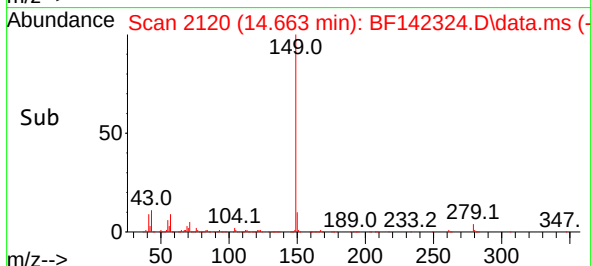
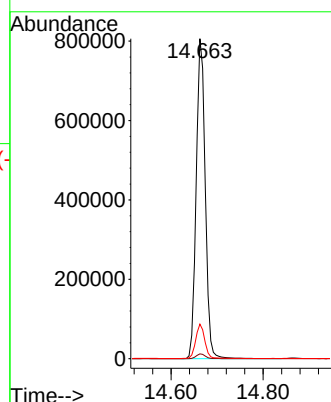
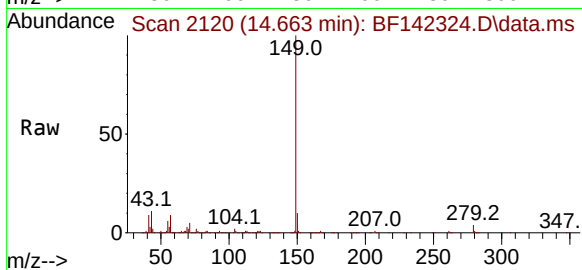
Tgt Ion:149 Resp: 1093559

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

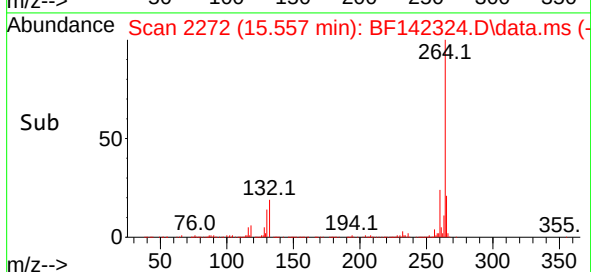
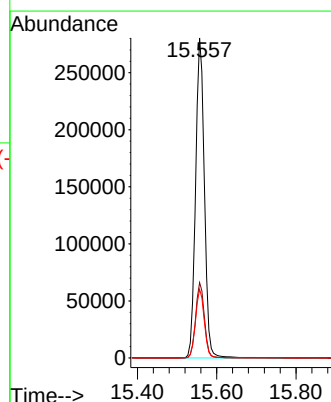
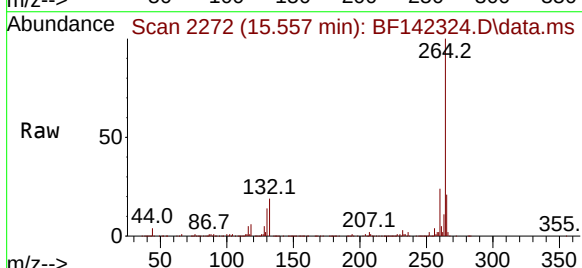
Tgt Ion:264 Resp: 432407

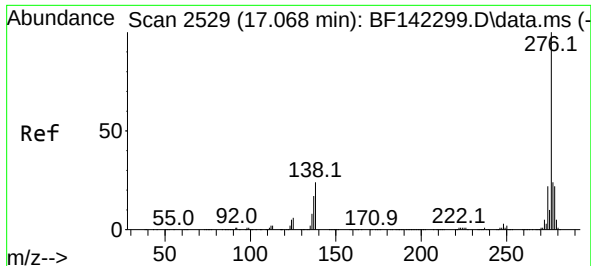
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.4 17.5 26.3

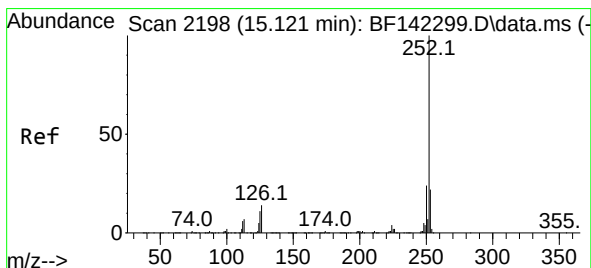
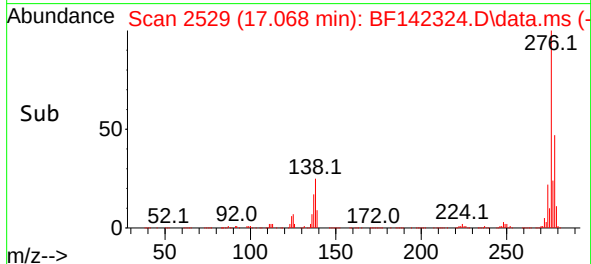
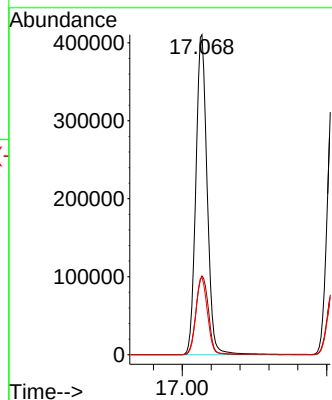
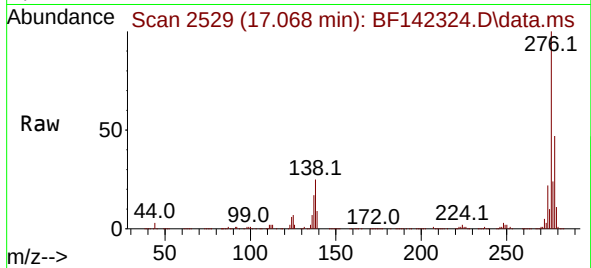




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.932 ng
 RT: 17.068 min Scan# 2110
 Delta R.T. -0.000 min
 Lab File: BF142324.D
 Acq: 12 May 2025 17:10

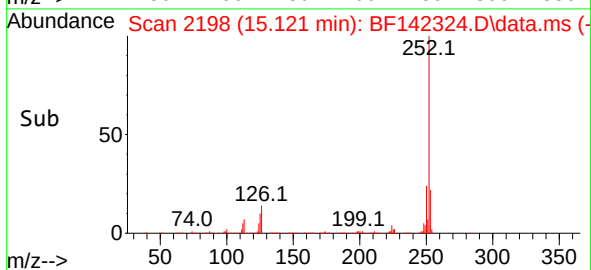
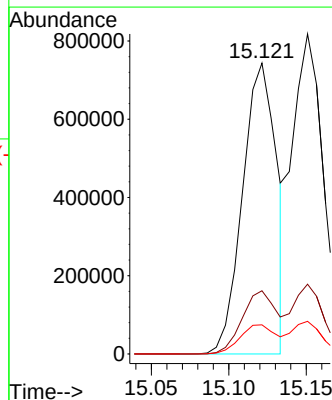
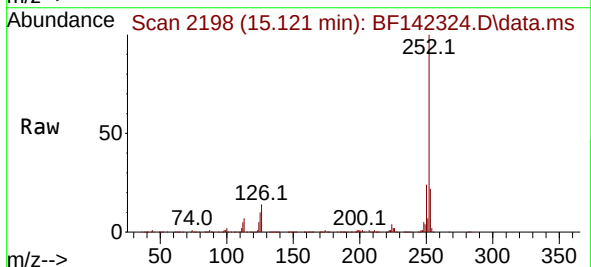
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MSD

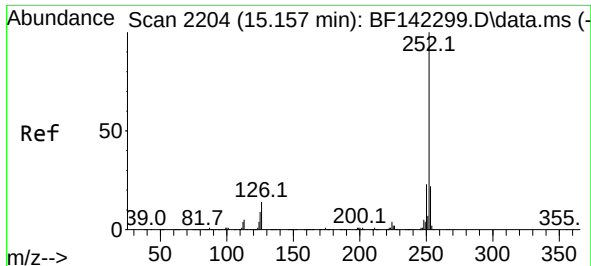
Tgt Ion:276 Resp: 1110913
 Ion Ratio Lower Upper
 276 100
 138 27.0 22.0 33.0
 277 24.7 20.1 30.1



#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

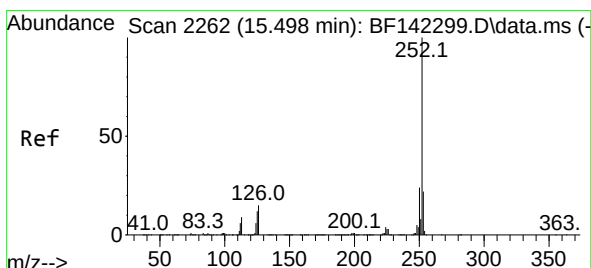
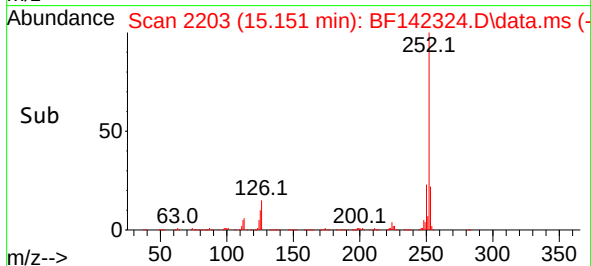
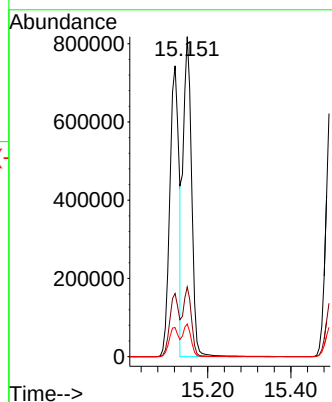
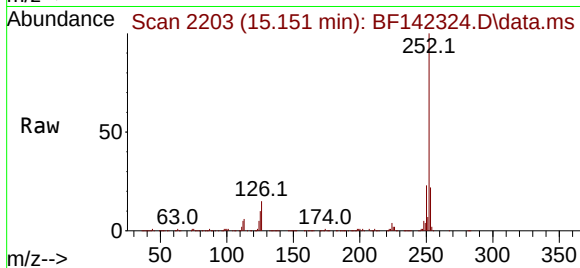
Tgt Ion:252 Resp: 1156536

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

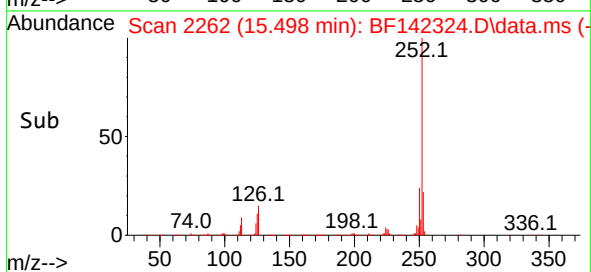
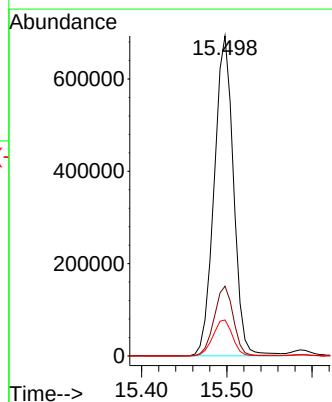
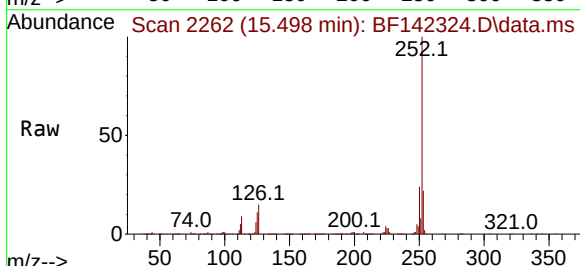
Tgt Ion:252 Resp: 1089414

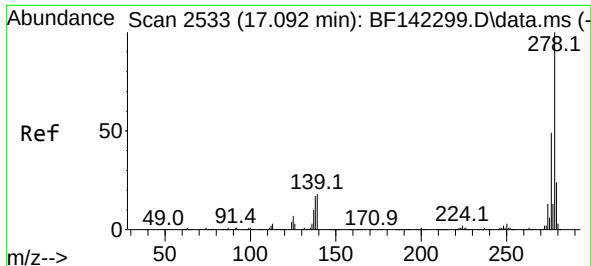
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

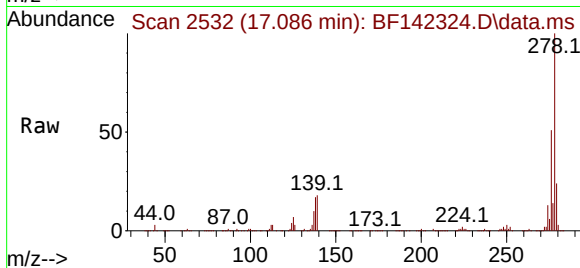
125 11.2 9.4 14.0



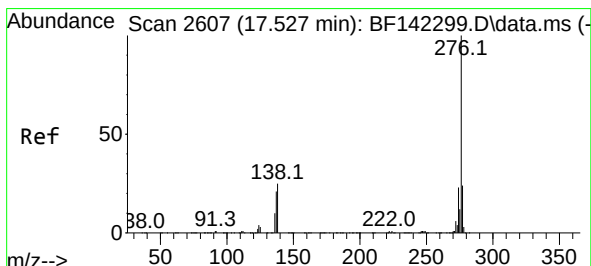
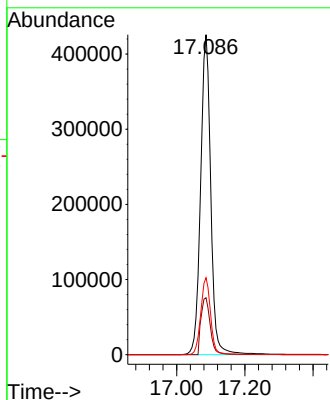
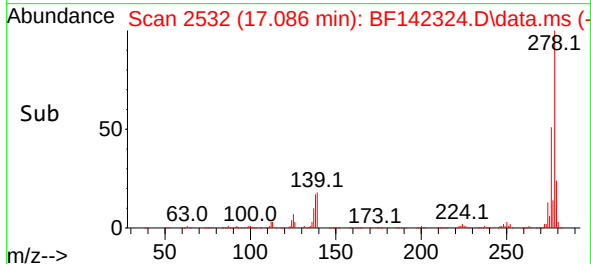


#91
Dibenzo(a,h)anthracene
Concen: 35.588 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142324.D
Acq: 12 May 2025 17:10

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

