

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141949.D
 Acq On : 13 Mar 2025 19:11
 Operator : RC/JU
 Sample : Q1547-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01MS

Quant Time: Mar 14 10:38:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	178201	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	716759	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	406135	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	676623	20.000	ng	0.00
76) Chrysene-d12	14.033	240	396740	20.000	ng	0.00
86) Perylene-d12	15.504	264	392526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1410939	132.143	ng	0.02
7) Phenol-d6	6.504	99	1660303	122.129	ng	0.00
23) Nitrobenzene-d5	7.439	82	1262549	99.128	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	831665	161.414	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2671524	100.038	ng	0.00
79) Terphenyl-d14	12.980	244	2840169	105.839	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.904	88	178571	39.914	ng	# 85
3) Pyridine	3.599	79	413705	37.699	ng	99
4) n-Nitrosodimethylamine	3.528	42	216090	41.308	ng	99
6) Aniline	6.545	93	379444	28.293	ng	99
8) 2-Chlorophenol	6.663	128	541480	45.725	ng	100
9) Benzaldehyde	6.428	77	92111	12.115	ng	100
10) Phenol	6.522	94	561748	39.278	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	483766	45.047	ng	99
12) 1,3-Dichlorobenzene	6.822	146	543636	42.522	ng	99
13) 1,4-Dichlorobenzene	6.898	146	552659	42.724	ng	99
14) 1,2-Dichlorobenzene	7.045	146	535020	43.912	ng	99
15) Benzyl Alcohol	7.016	79	504646	45.917	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	537688	41.472	ng	98
17) 2-Methylphenol	7.128	107	439951	46.726	ng	100
18) Hexachloroethane	7.392	117	202222	41.689	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	385148	44.091	ng	99
20) 3+4-Methylphenols	7.281	107	545605	45.240	ng	# 83
22) Acetophenone	7.287	105	832554	48.504	ng	97
24) Nitrobenzene	7.463	77	567339	44.808	ng	97
25) Isophorone	7.698	82	1065744	47.337	ng	99
26) 2-Nitrophenol	7.775	139	290754	46.788	ng	99
27) 2,4-Dimethylphenol	7.804	122	488664	57.108	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	626633	44.376	ng	100
29) 2,4-Dichlorophenol	8.010	162	492692	46.388	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	509835	43.558	ng	99
31) Naphthalene	8.181	128	1588460	43.143	ng	100
32) Benzoic acid	7.928	122	332575	44.215	ng	96
33) 4-Chloroaniline	8.222	127	172137	13.244	ng	99
34) Hexachlorobutadiene	8.298	225	339097	44.424	ng	99
35) Caprolactam	8.598	113	82203	25.386	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	540467	45.617	ng	99
37) 2-Methylnaphthalene	8.869	142	1062768	43.184	ng	100
38) 1-Methylnaphthalene	8.969	142	1037875	43.703	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	638543	51.640	ng	98
41) Hexachlorocyclopentadiene	9.022	237	742522	153.438	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	394439	48.810	ng	99

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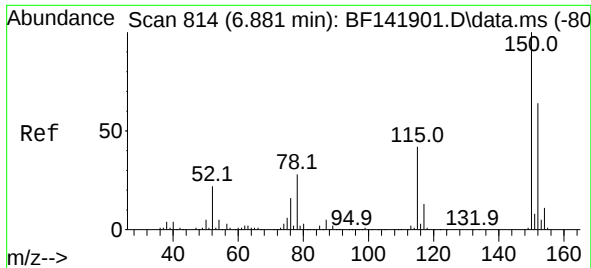
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	385346	47.082	ng	98
46) 1,1'-Biphenyl	9.333	154	1563301	50.660	ng	100
47) 2-Chloronaphthalene	9.363	162	1074999	46.738	ng	99
48) 2-Nitroaniline	9.451	65	320785	48.169	ng	99
49) Acenaphthylene	9.775	152	1666217	48.817	ng	100
50) Dimethylphthalate	9.639	163	1372905	48.273	ng	100
51) 2,6-Dinitrotoluene	9.698	165	286666	48.410	ng	93
52) Acenaphthene	9.945	154	1201710	50.100	ng	100
53) 3-Nitroaniline	9.863	138	160330	26.692	ng	100
54) 2,4-Dinitrophenol	9.969	184	256360	76.508	ng	# 52
55) Dibenzofuran	10.122	168	1526513	44.539	ng	99
56) 4-Nitrophenol	10.022	139	416999	92.056	ng	100
57) 2,4-Dinitrotoluene	10.098	165	391005	50.555	ng	99
58) Fluorene	10.463	166	1224045	46.311	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	340961	45.781	ng	99
60) Diethylphthalate	10.333	149	1295615	45.686	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	641782	46.574	ng	99
62) 4-Nitroaniline	10.480	138	267352	45.718	ng	99
63) Azobenzene	10.616	77	1168512	44.319	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	180192	44.672	ng	96
66) n-Nitrosodiphenylamine	10.575	169	1067239	48.742	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	416677	49.035	ng	96
68) Hexachlorobenzene	11.010	284	466176	50.019	ng	96
69) Atrazine	11.098	200	430509	64.137	ng	100
70) Pentachlorophenol	11.204	266	538855	93.840	ng	99
71) Phenanthrene	11.422	178	1748795	47.851	ng	99
72) Anthracene	11.474	178	1764021	48.111	ng	100
73) Carbazole	11.627	167	1474615	46.634	ng	100
74) Di-n-butylphthalate	11.957	149	1927602	45.942	ng	100
75) Fluoranthene	12.610	202	1680843	43.357	ng	100
77) Benzidine	12.727	184	385191	69.588	ng	99
78) Pyrene	12.839	202	1644928	47.931	ng	100
80) Butylbenzylphthalate	13.457	149	648052	48.246	ng	98
81) Benzo(a)anthracene	14.021	228	1307635	50.227	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	245567	32.640	ng	97
83) Chrysene	14.063	228	1096645	46.470	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	873666	47.173	ng	100
85) Di-n-octyl phthalate	14.627	149	1303961	50.602	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1276550	50.274	ng	98
88) Benzo(b)fluoranthene	15.074	252	1145873	42.594	ng	99
89) Benzo(k)fluoranthene	15.104	252	1111581	48.283	ng	99
90) Benzo(a)pyrene	15.445	252	1073590	51.002	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	1053561	50.289	ng	99
92) Benzo(g,h,i)perylene	17.439	276	933262	45.078	ng	99

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

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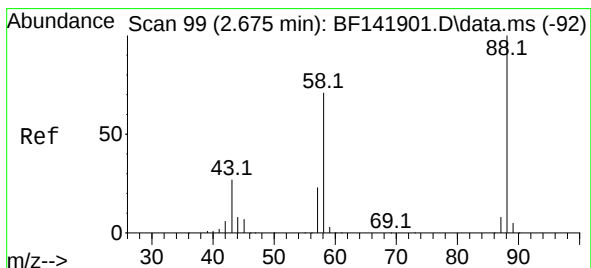
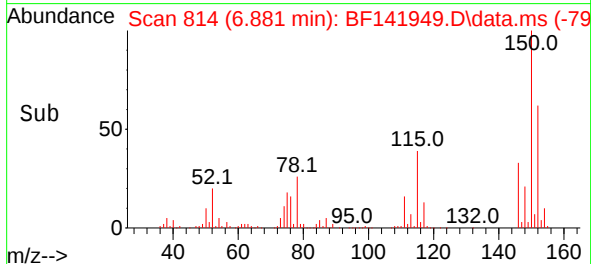
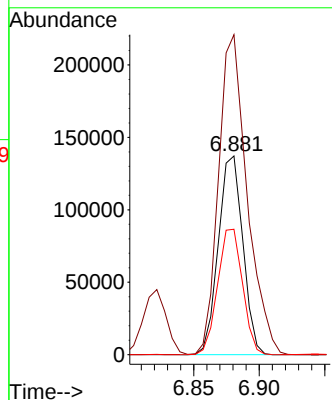
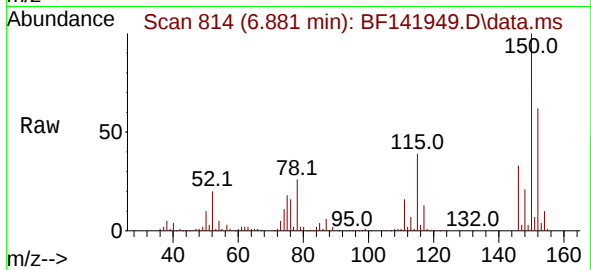




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

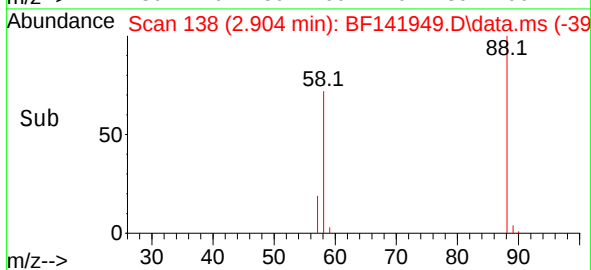
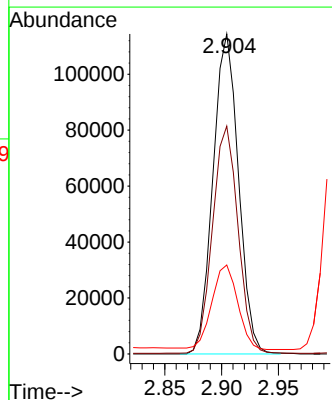
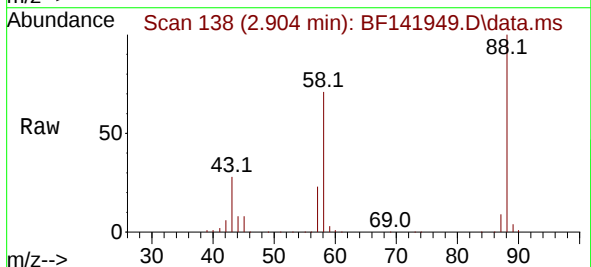
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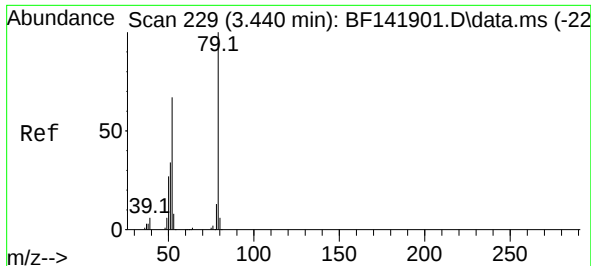
Tgt Ion:152 Resp: 178201
Ion Ratio Lower Upper
152 100
150 161.1 127.4 191.2
115 63.1 51.9 77.9



#2
1,4-Dioxane
Concen: 39.914 ng
RT: 2.904 min Scan# 138
Delta R.T. 0.229 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion: 88 Resp: 178571
Ion Ratio Lower Upper
88 100
58 70.9 57.4 86.2
43 0.0 21.5 32.3#





#3

Pyridine

Concen: 37.699 ng

RT: 3.599 min Scan# 244

Delta R.T. 0.159 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

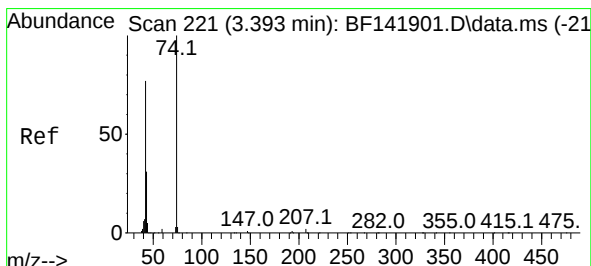
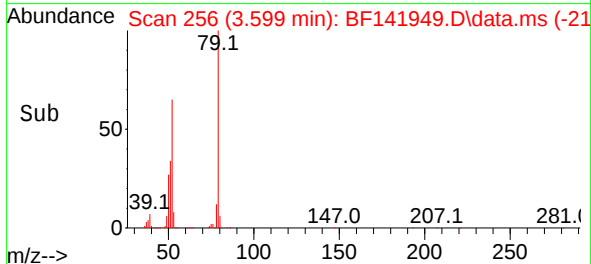
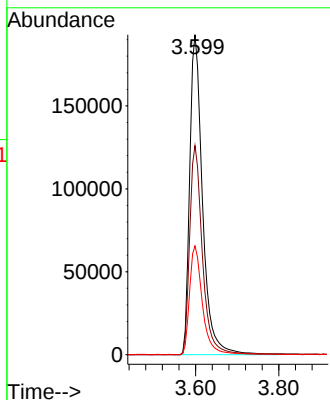
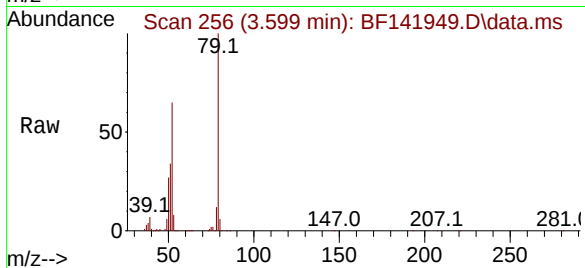
Tgt Ion: 79 Resp: 413705

Ion Ratio Lower Upper

79 100

52 65.3 53.3 79.9

51 34.0 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 41.308 ng

RT: 3.528 min Scan# 244

Delta R.T. 0.135 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

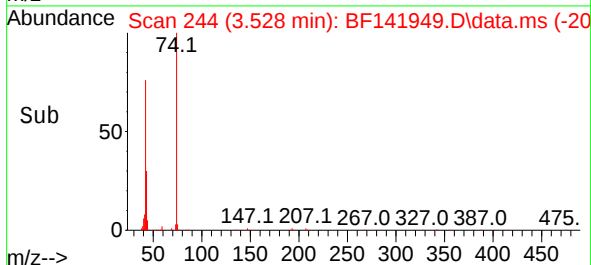
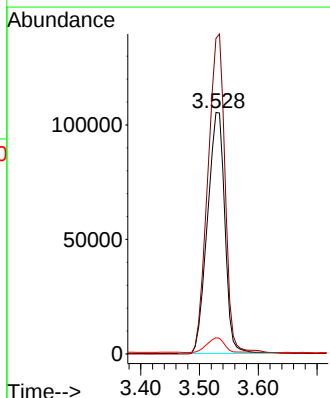
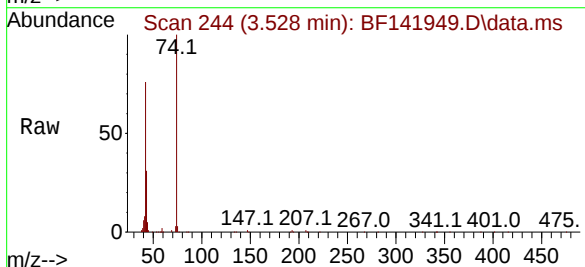
Tgt Ion: 42 Resp: 216090

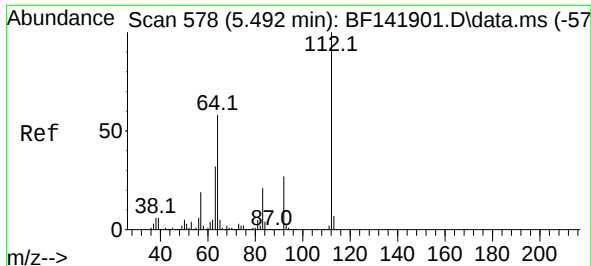
Ion Ratio Lower Upper

42 100

74 130.7 103.4 155.0

44 6.7 5.0 7.4

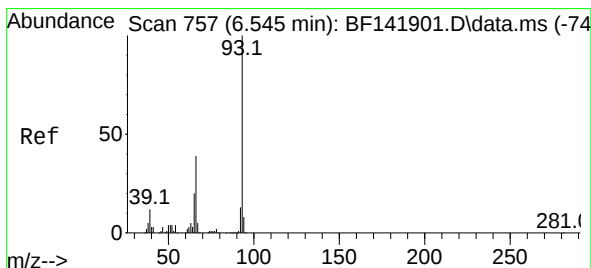
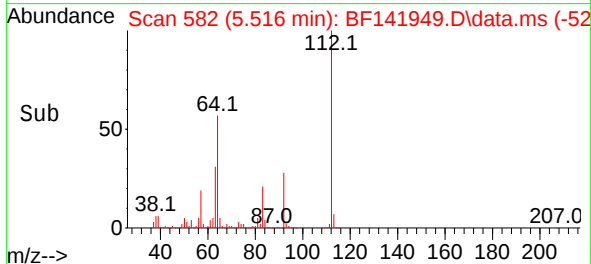
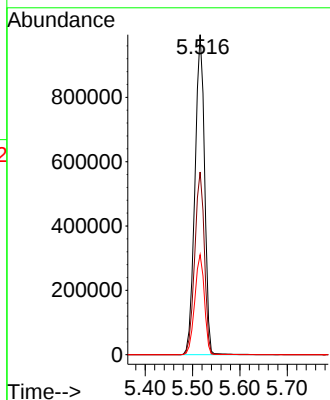
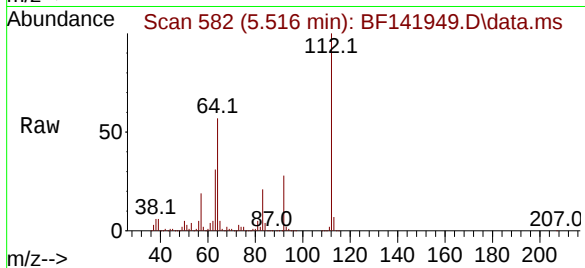




#5
2-Fluorophenol
Concen: 132.143 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

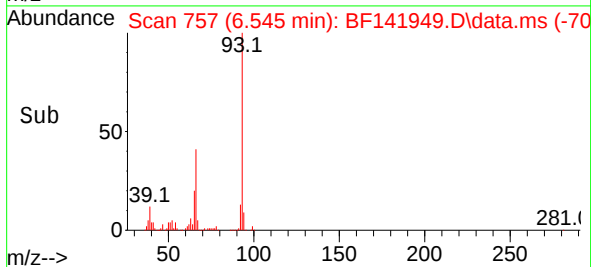
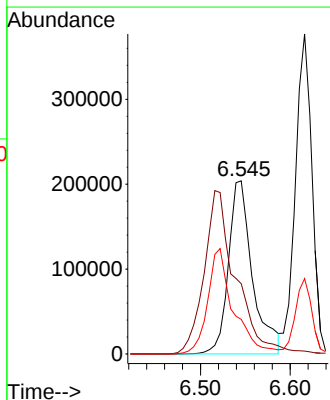
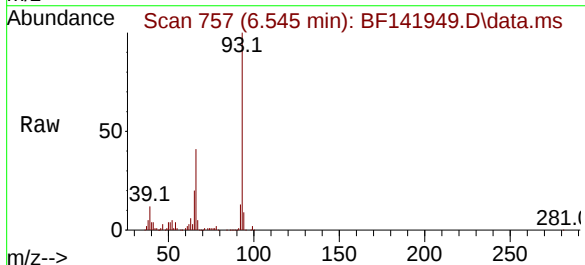
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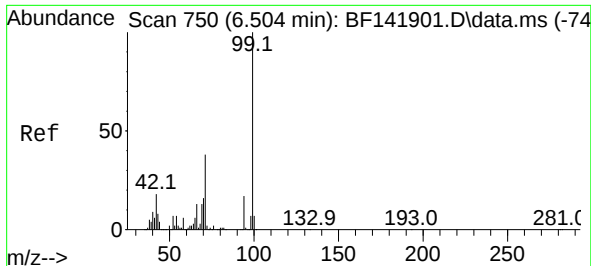
Tgt Ion:112 Resp: 1410939
Ion Ratio Lower Upper
112 100
64 57.1 46.5 69.7
63 31.3 25.4 38.2



#6
Aniline
Concen: 28.293 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion: 93 Resp: 379444
Ion Ratio Lower Upper
93 100
66 40.5 31.9 47.9
65 20.0 15.8 23.6

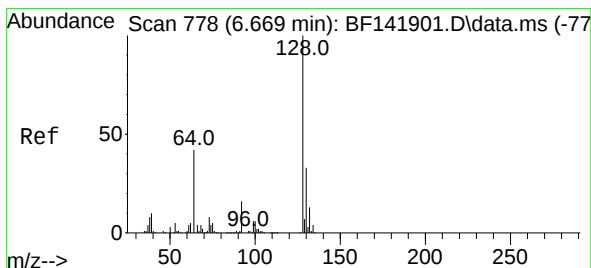
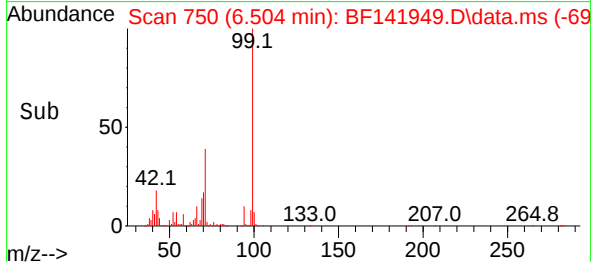
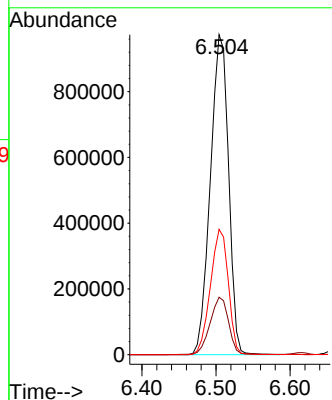
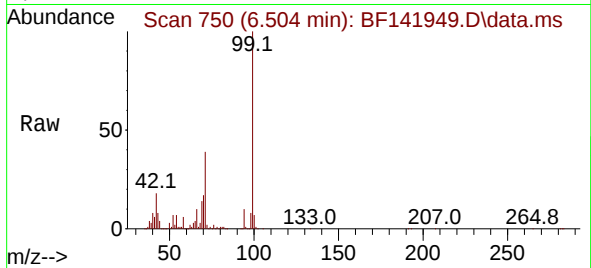




#7
Phenol-d6
Concen: 122.129 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

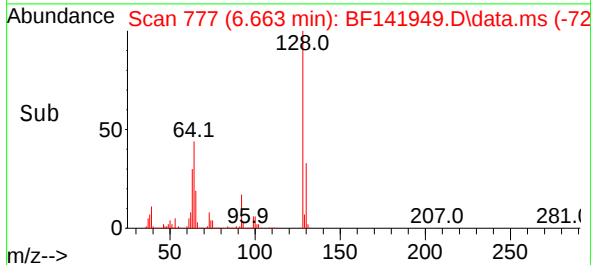
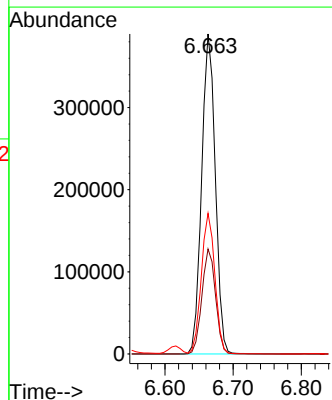
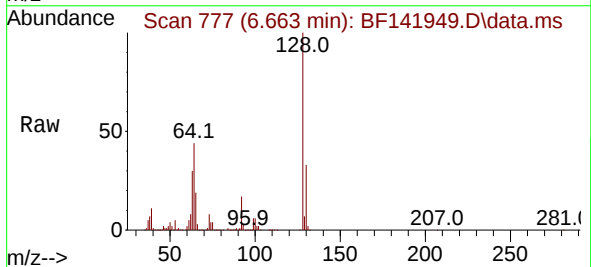
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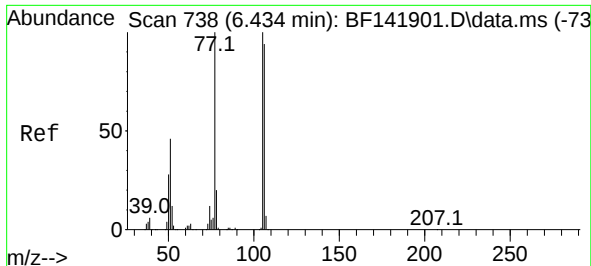
Tgt Ion: 99 Resp: 1660303
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 39.2 30.8 46.2



#8
2-Chlorophenol
Concen: 45.725 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:128 Resp: 541480
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 44.0 24.4 64.4

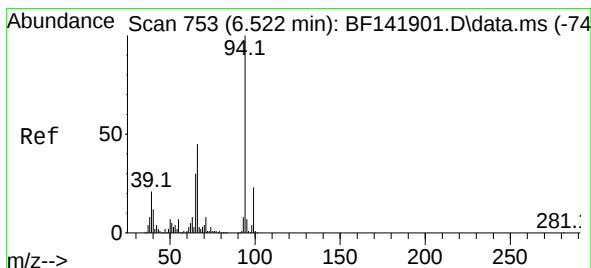
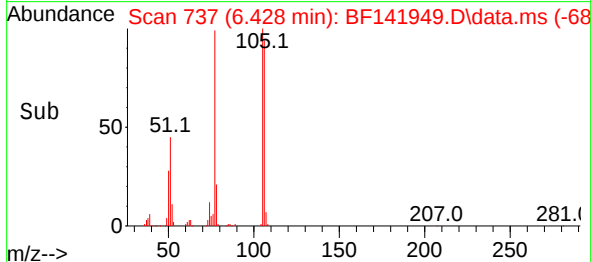
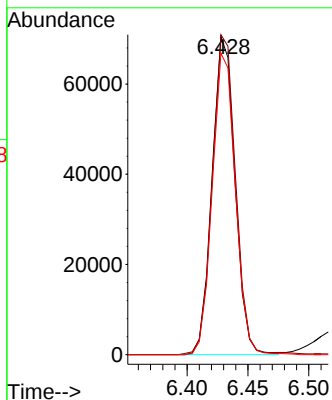
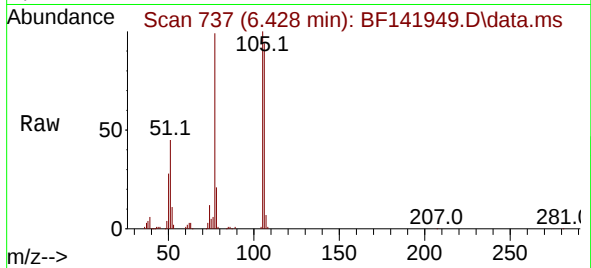




#9
Benzaldehyde
Concen: 12.115 ng
RT: 6.428 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

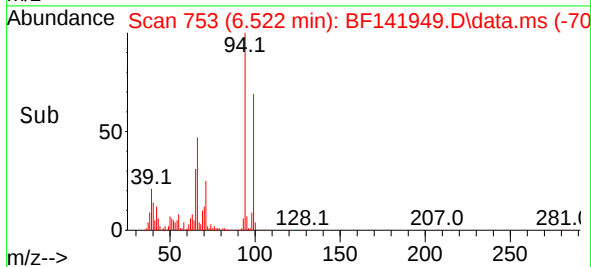
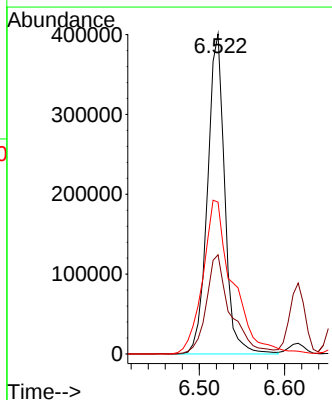
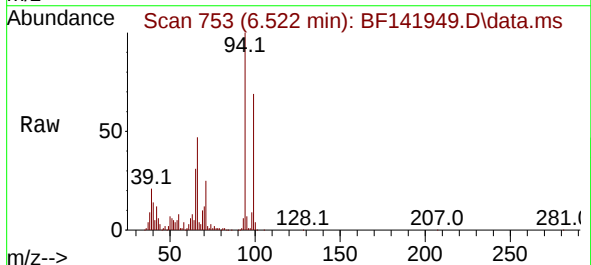
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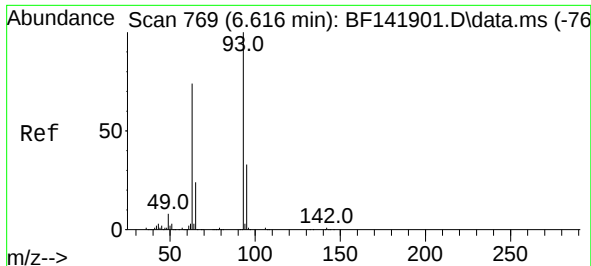
Tgt Ion: 77 Resp: 92111
Ion Ratio Lower Upper
77 100
105 100.6 80.0 120.0
106 94.8 74.5 114.5



#10
Phenol
Concen: 39.278 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion: 94 Resp: 561748
Ion Ratio Lower Upper
94 100
65 31.0 10.5 50.5
66 47.4 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 45.047 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

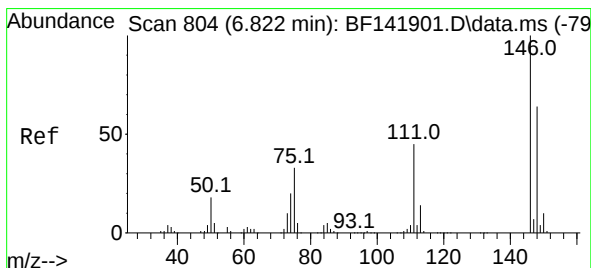
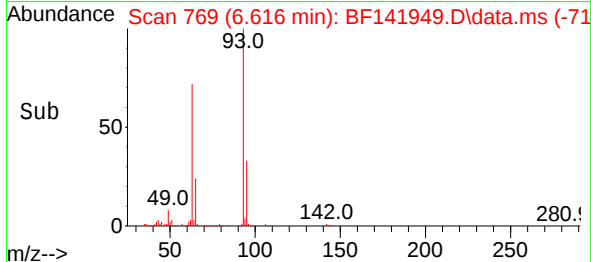
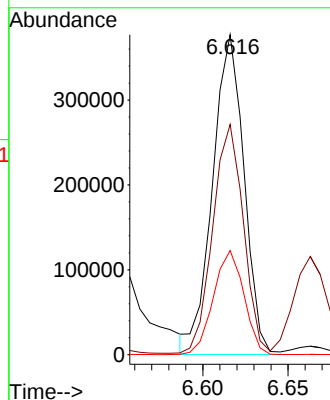
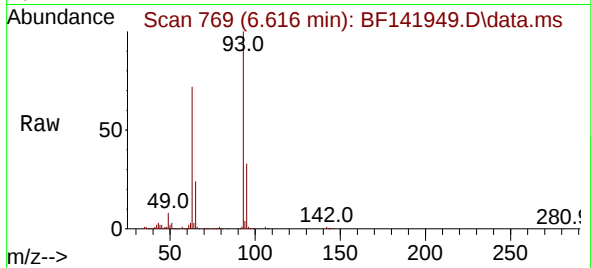
Tgt Ion: 93 Resp: 483766

Ion Ratio Lower Upper

93 100

63 72.0 53.0 93.0

95 32.5 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 42.522 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

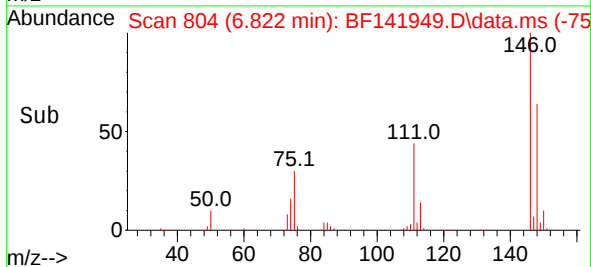
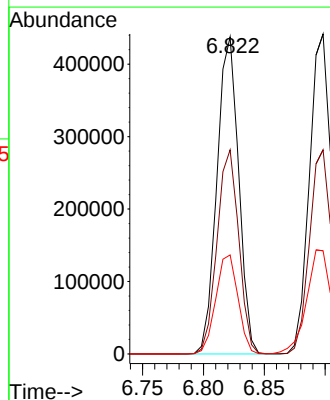
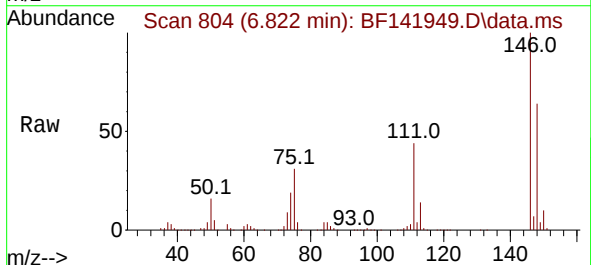
Tgt Ion:146 Resp: 543636

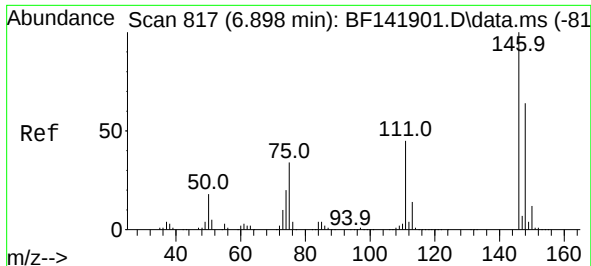
Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

75 31.2 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 42.724 ng

RT: 6.898 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

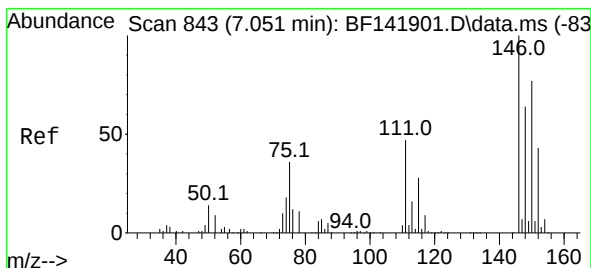
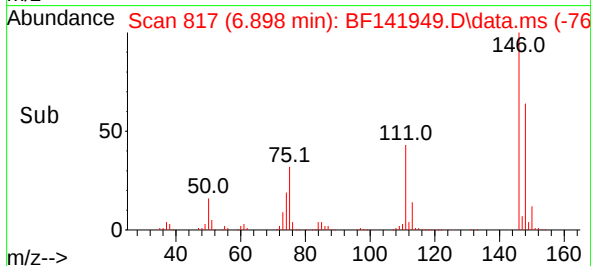
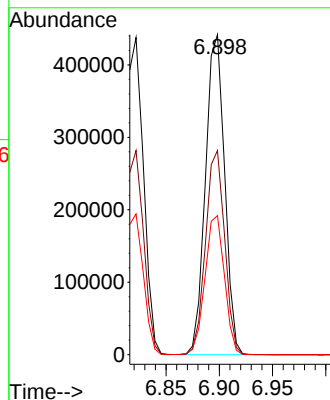
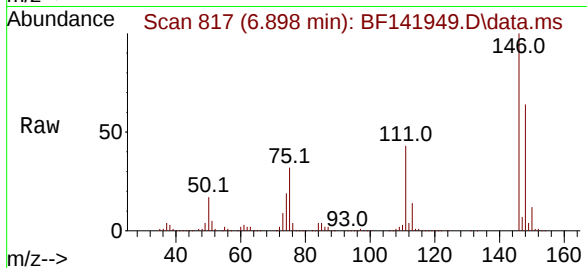
Tgt Ion:146 Resp: 552659

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 43.4 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 43.912 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

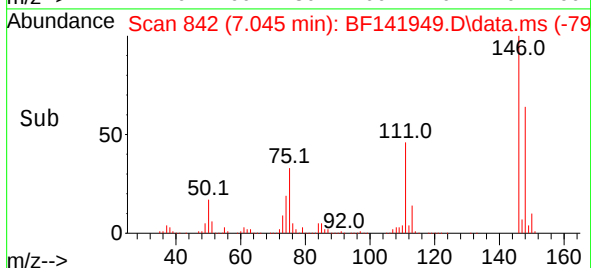
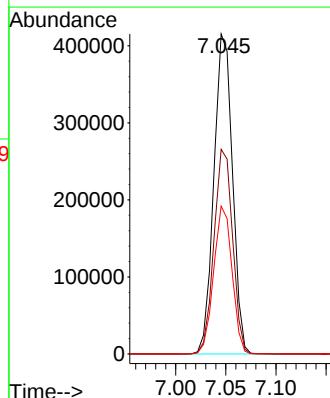
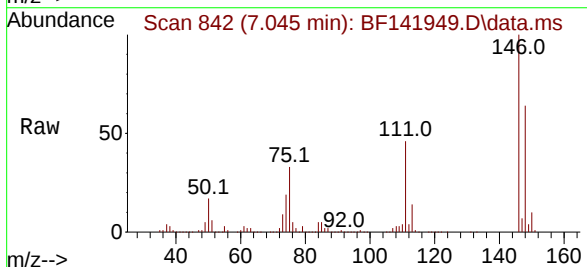
Tgt Ion:146 Resp: 535020

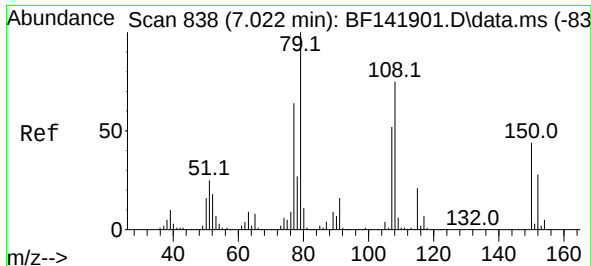
Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

111 46.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 45.917 ng

RT: 7.016 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

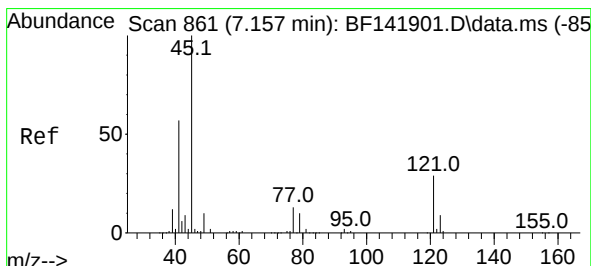
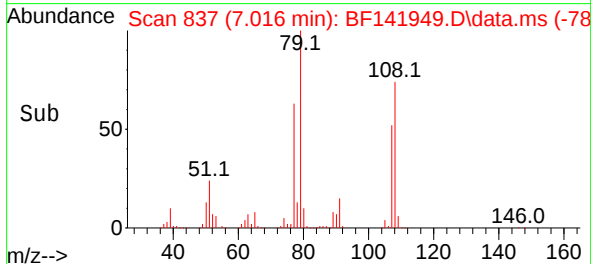
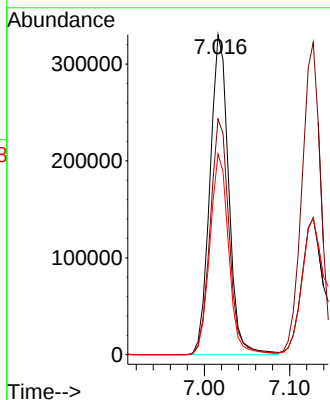
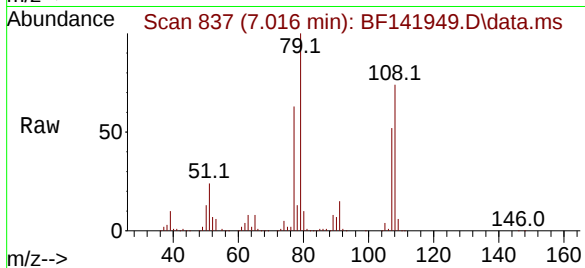
Tgt Ion: 79 Resp: 504646

Ion Ratio Lower Upper

79 100

108 73.6 59.7 89.5

77 62.7 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.472 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

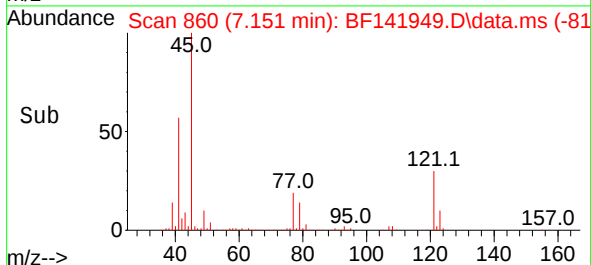
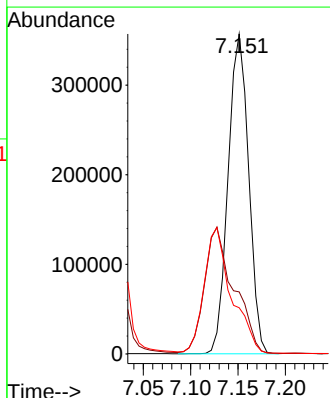
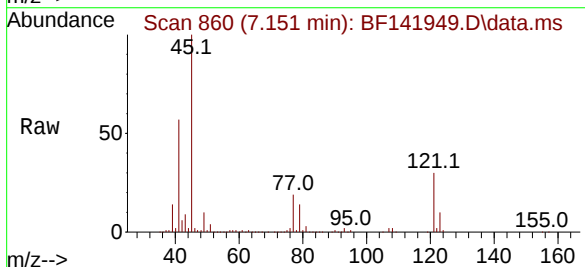
Tgt Ion: 45 Resp: 537688

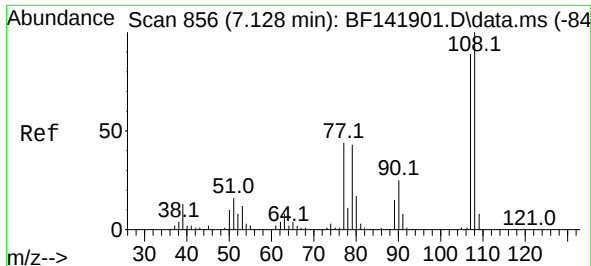
Ion Ratio Lower Upper

45 100

77 19.4 0.0 37.8

79 14.5 0.0 34.2

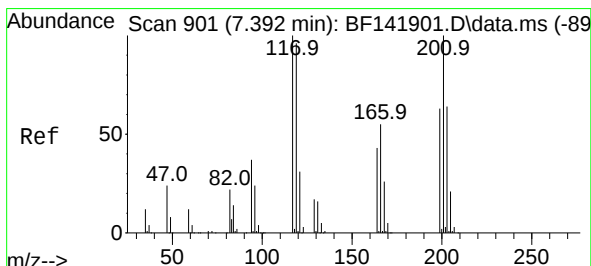
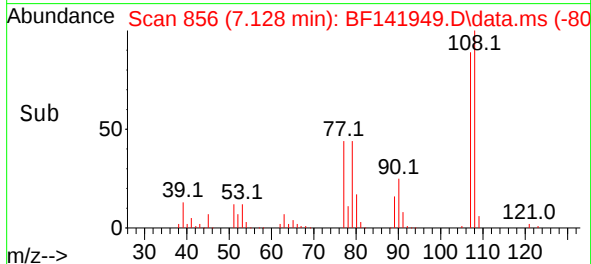
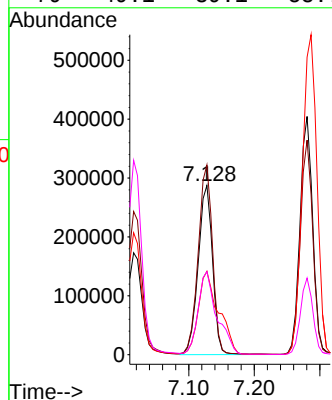
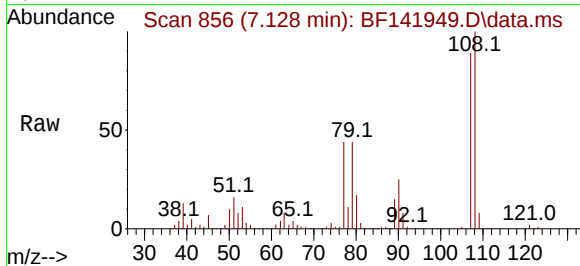




#17
2-Methylphenol
Concen: 46.726 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

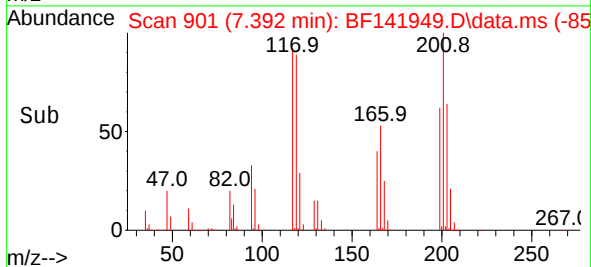
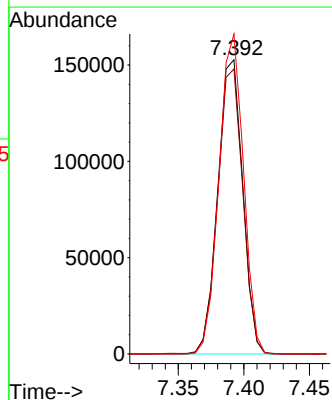
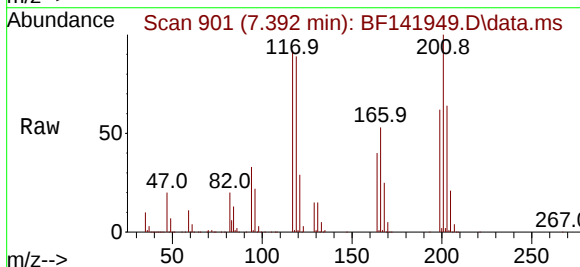
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

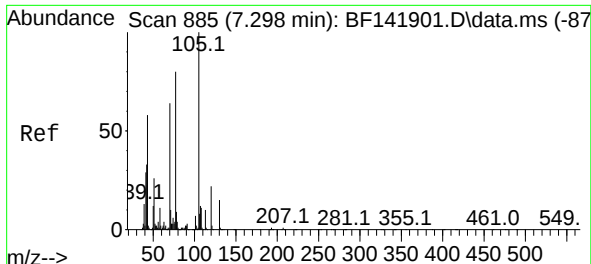
Tgt Ion:	107	Resp:	439951
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.2	135.2
77	49.3	39.6	59.4
79	49.1	39.1	58.7



#18
Hexachloroethane
Concen: 41.689 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:	117	Resp:	202222
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.9	115.3
201	108.8	79.9	119.9





#19

n-Nitroso-di-n-propylamine

Concen: 44.091 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion: 70 Resp: 385148

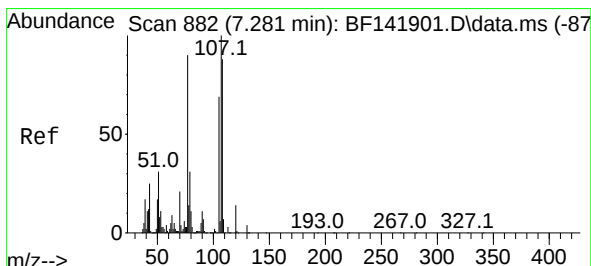
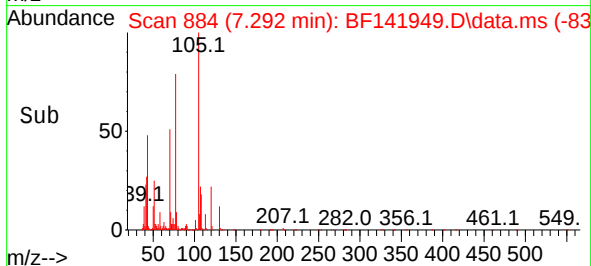
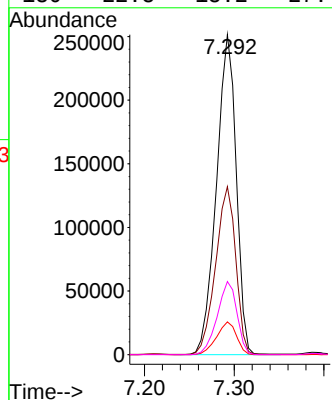
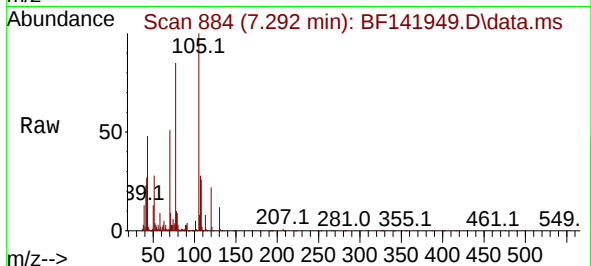
Ion Ratio Lower Upper

70 100

42 52.5 41.4 62.0

101 10.2 8.2 12.2

130 22.8 18.2 27.4



#20

3+4-Methylphenols

Concen: 45.240 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Tgt Ion:107 Resp: 545605

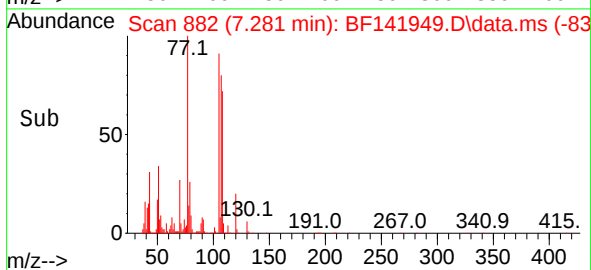
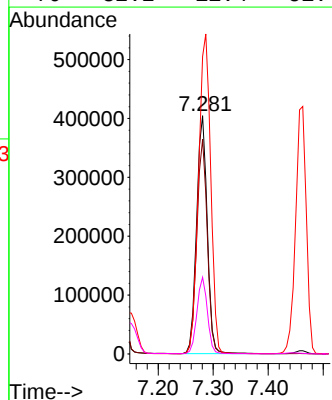
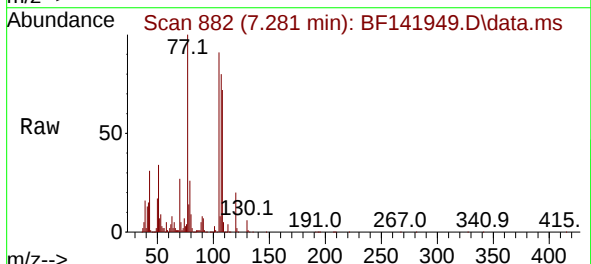
Ion Ratio Lower Upper

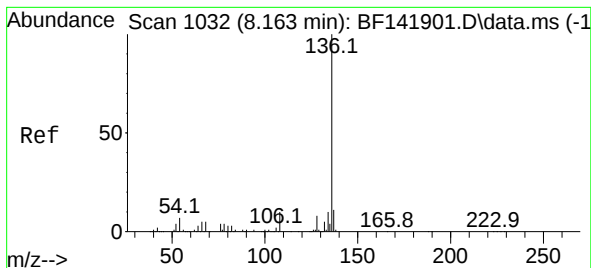
107 100

108 90.0 68.4 108.4

77 124.8 69.7 109.7#

79 32.2 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion:136 Resp: 716759

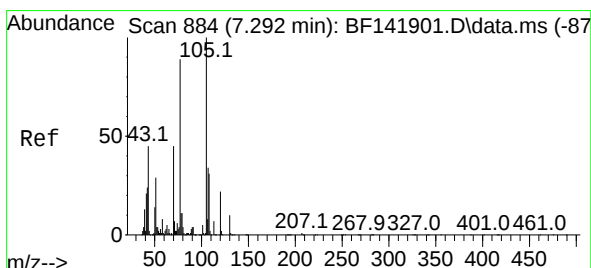
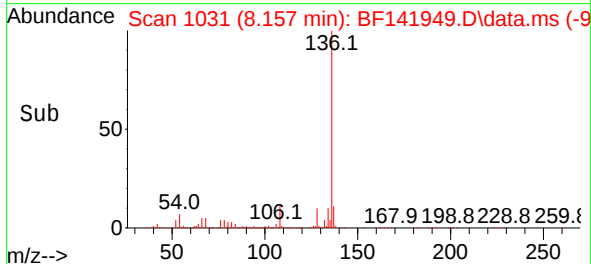
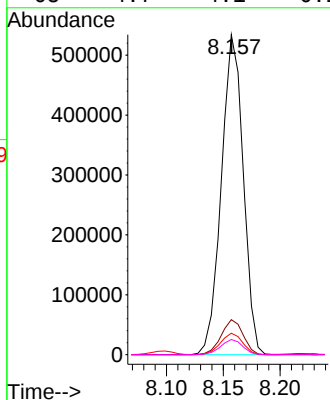
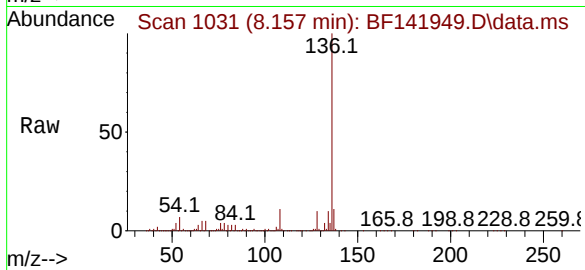
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.7 5.8 8.8

68 4.7 4.1 6.1



#22

Acetophenone

Concen: 48.504 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Tgt Ion:105 Resp: 832554

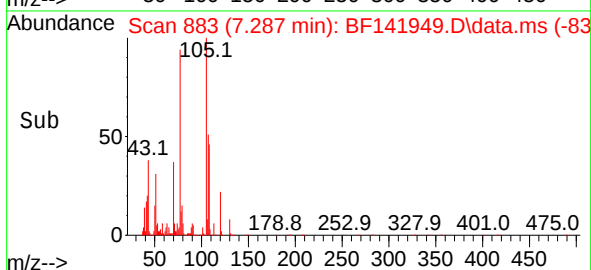
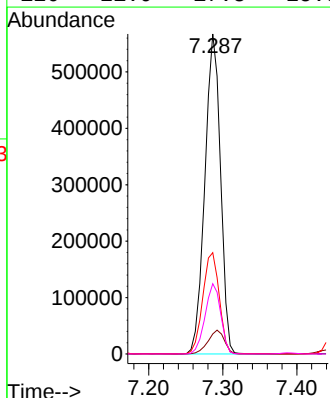
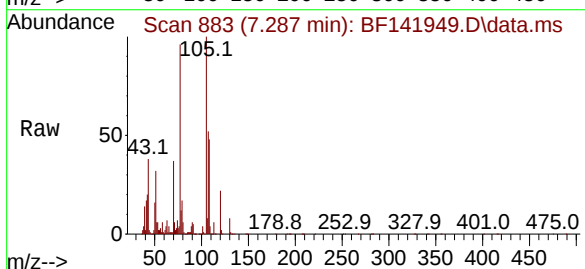
Ion Ratio Lower Upper

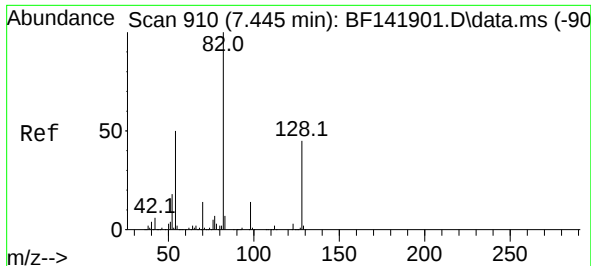
105 100

71 6.2 5.8 8.8

51 31.6 23.4 35.0

120 21.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 99.128 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

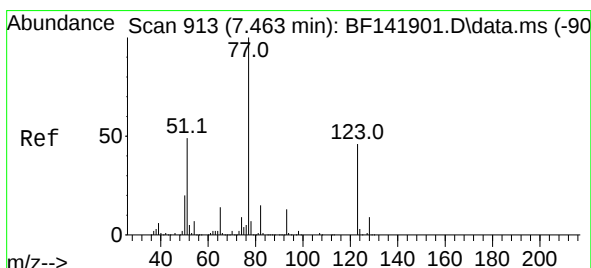
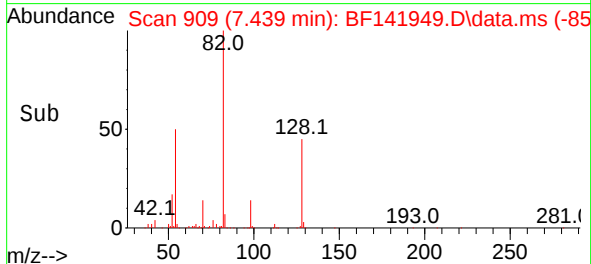
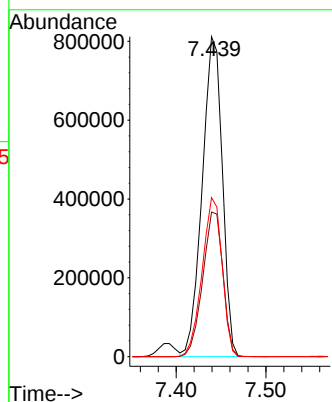
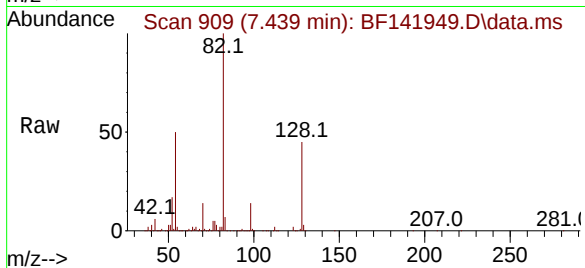
BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion: 82 Resp: 1262549

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.0	54.0
54	49.7	39.6	59.4



#24

Nitrobenzene

Concen: 44.808 ng

RT: 7.463 min Scan# 913

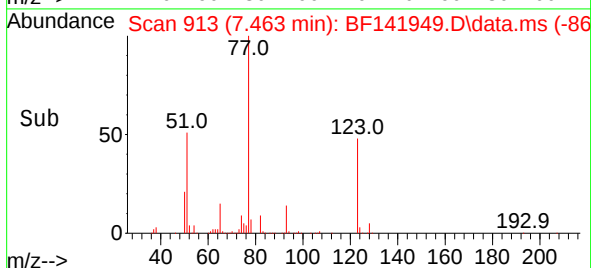
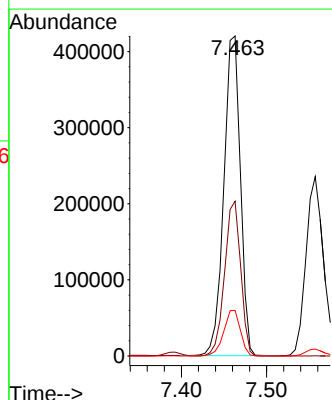
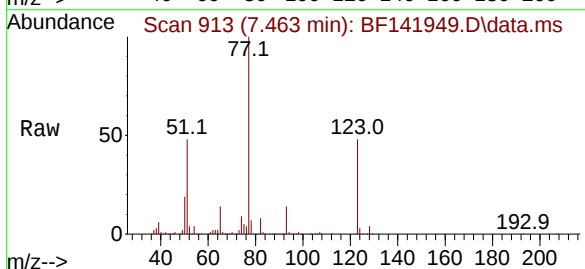
Delta R.T. 0.000 min

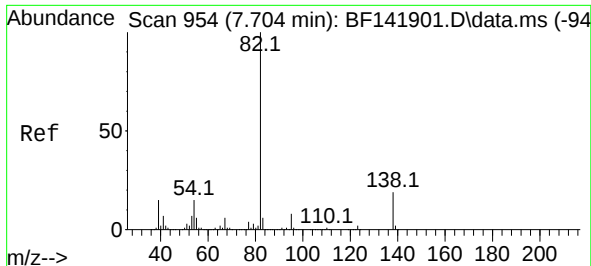
Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Tgt Ion: 77 Resp: 567339

Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.0	55.4
65	14.3	11.3	16.9

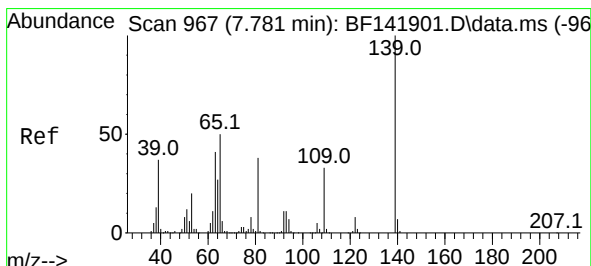
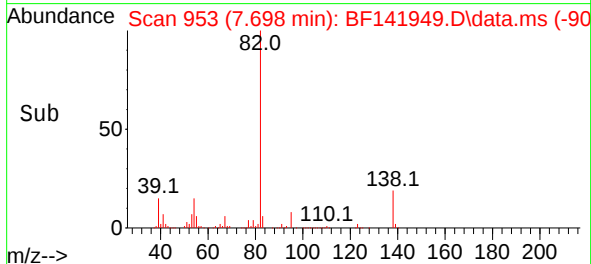
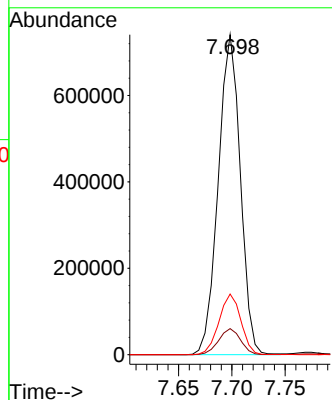
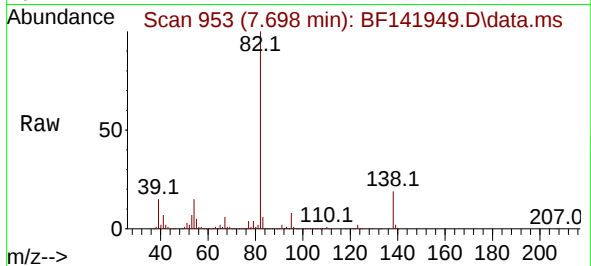




#25
Isophorone
Concen: 47.337 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

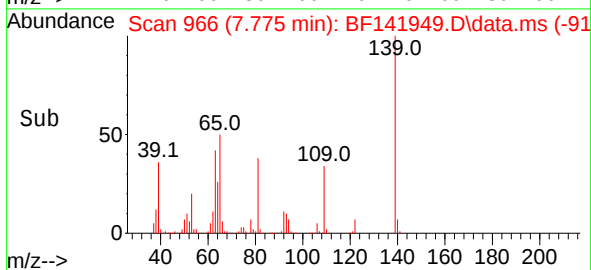
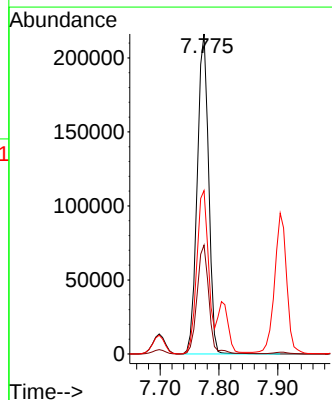
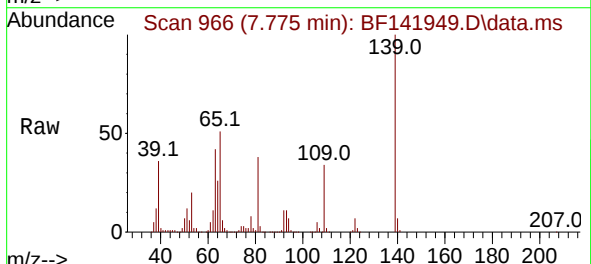
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

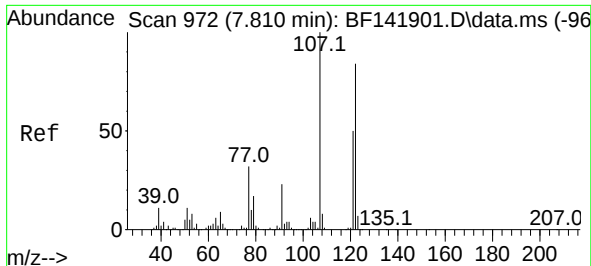
Tgt Ion: 82 Resp: 1065744
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.9 14.9 22.3



#26
2-Nitrophenol
Concen: 46.788 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:139 Resp: 290754
Ion Ratio Lower Upper
139 100
109 34.0 26.5 39.7
65 51.1 40.3 60.5

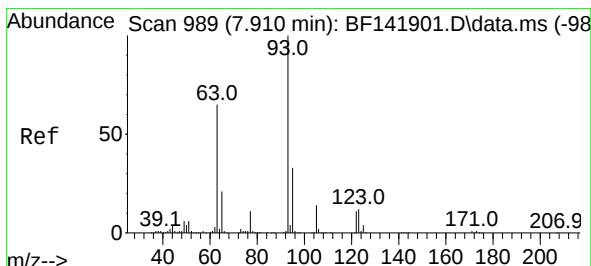
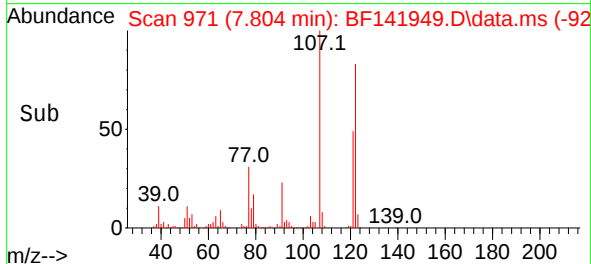
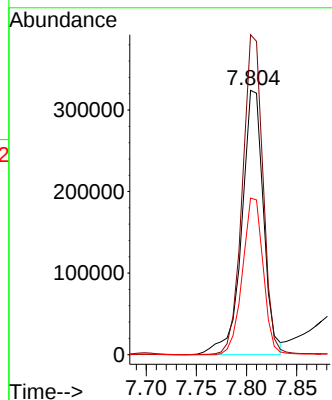
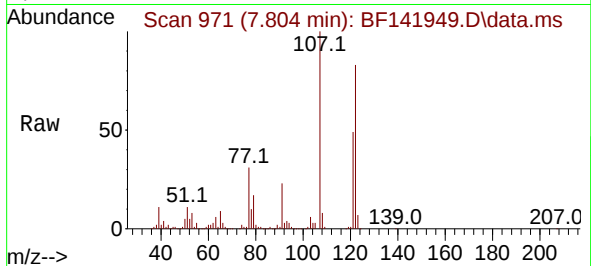




#27
2,4-Dimethylphenol
Concen: 57.108 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

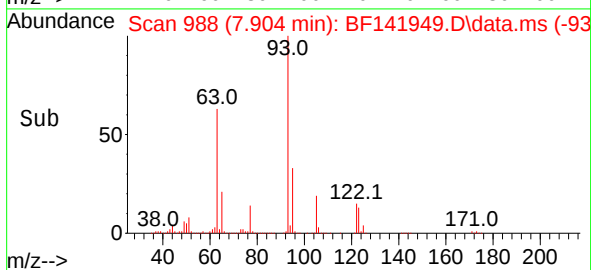
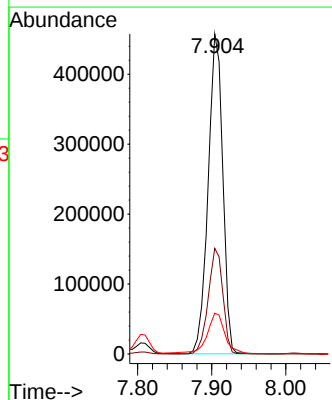
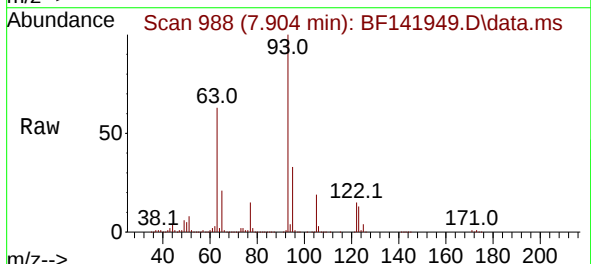
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

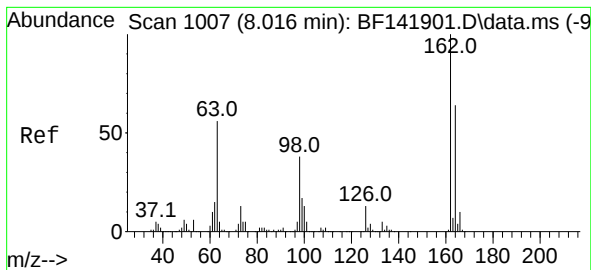
Tgt Ion:122 Resp: 488664
Ion Ratio Lower Upper
122 100
107 121.1 94.8 142.2
121 59.3 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.376 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion: 93 Resp: 626633
Ion Ratio Lower Upper
93 100
95 33.0 26.6 40.0
123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.388 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

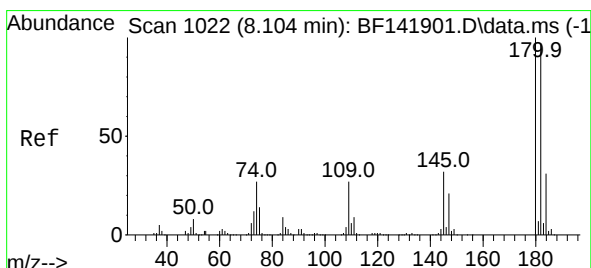
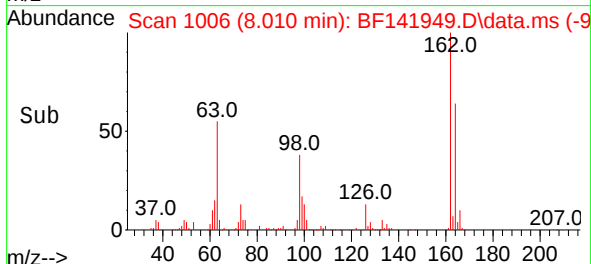
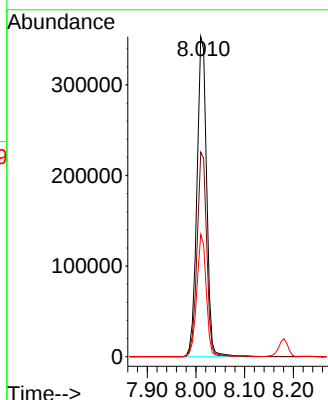
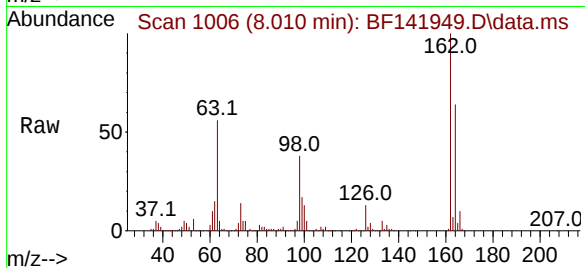
Tgt Ion:162 Resp: 492692

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 38.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 43.558 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

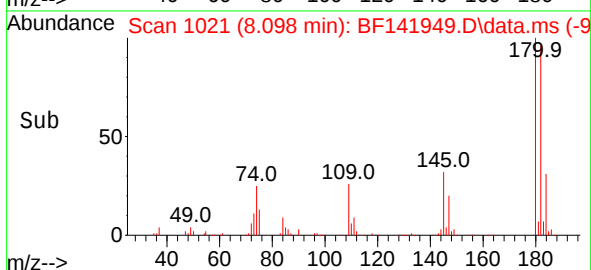
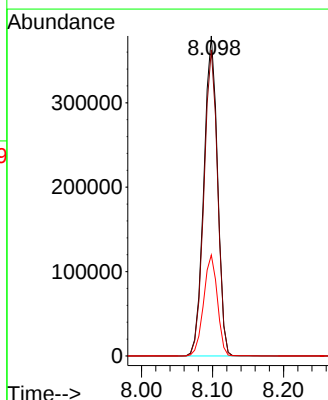
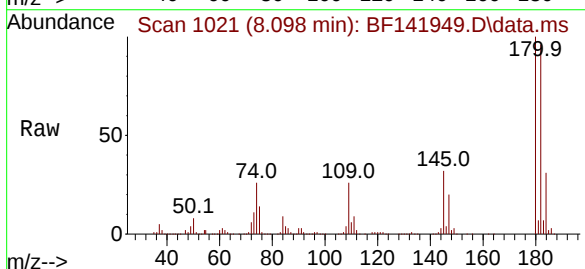
Tgt Ion:180 Resp: 509835

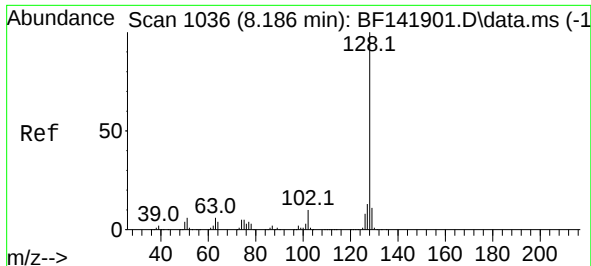
Ion Ratio Lower Upper

180 100

182 95.7 77.5 116.3

145 31.5 25.8 38.6

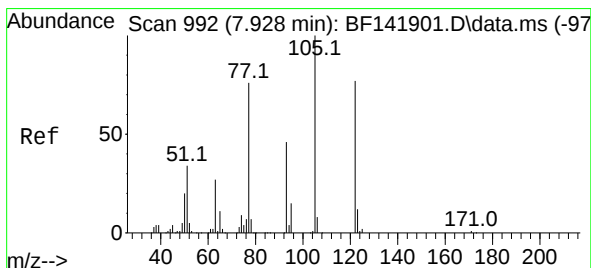
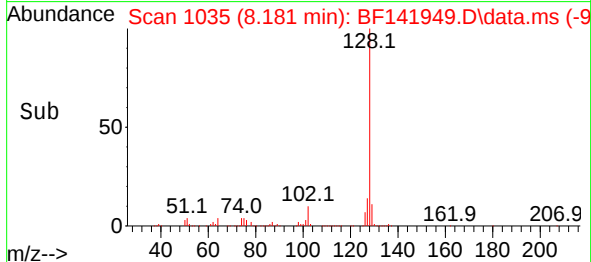
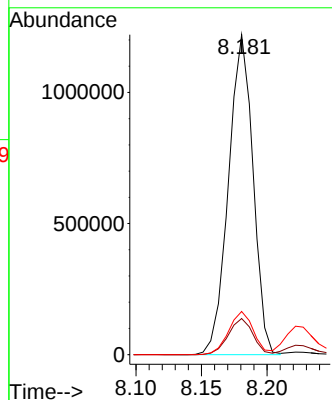
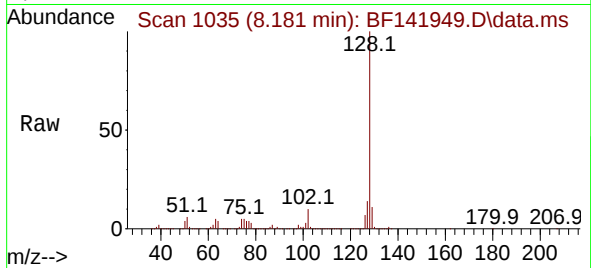




#31
Naphthalene
Concen: 43.143 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

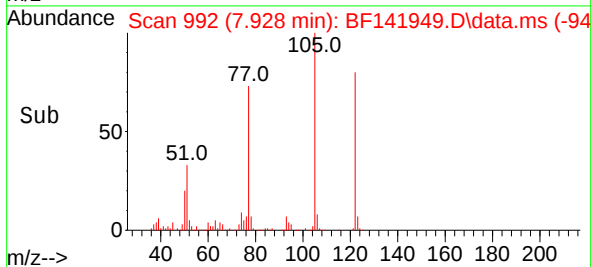
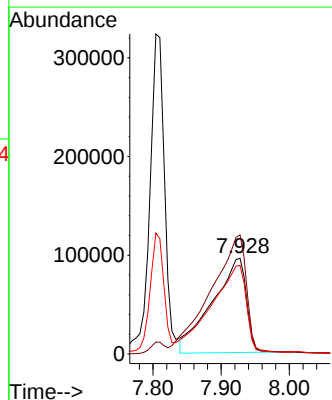
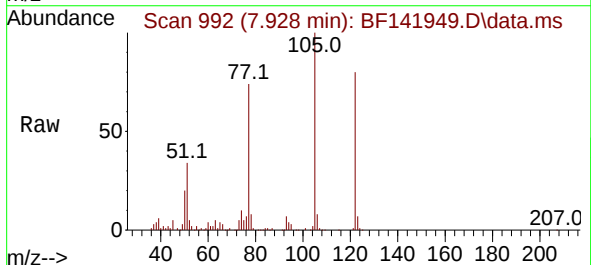
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

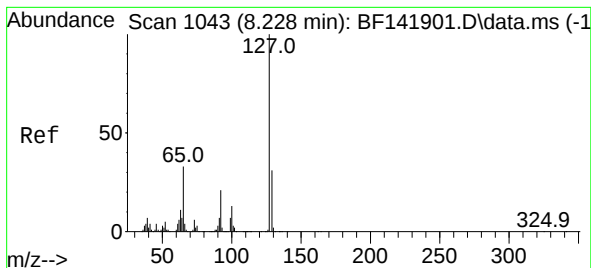
Tgt Ion:128 Resp: 1588460
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 44.215 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:122 Resp: 332575
Ion Ratio Lower Upper
122 100
105 124.6 107.9 147.9
77 92.6 79.0 119.0





#33

4-Chloroaniline

Concen: 13.244 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion:127 Resp: 172137

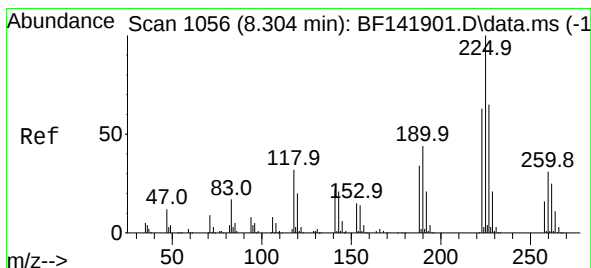
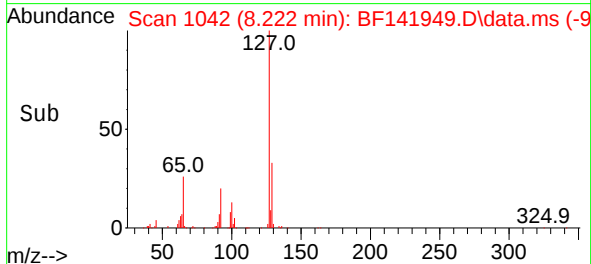
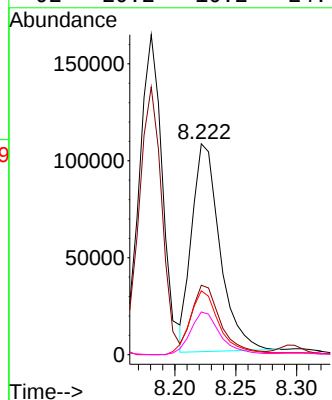
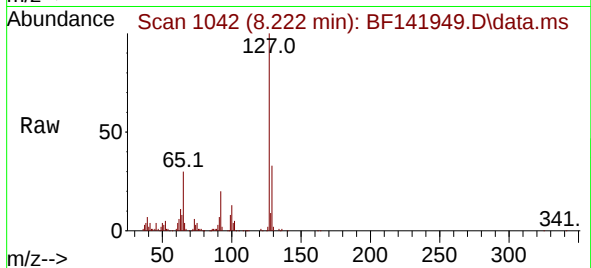
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.4

65 30.3 25.4 38.2

92 20.2 16.2 24.4



#34

Hexachlorobutadiene

Concen: 44.424 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

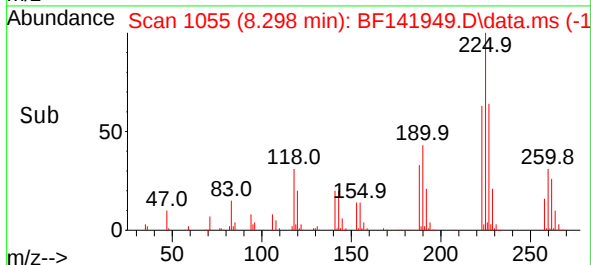
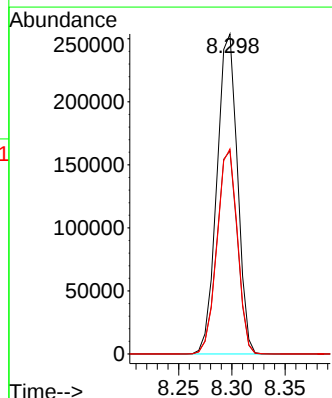
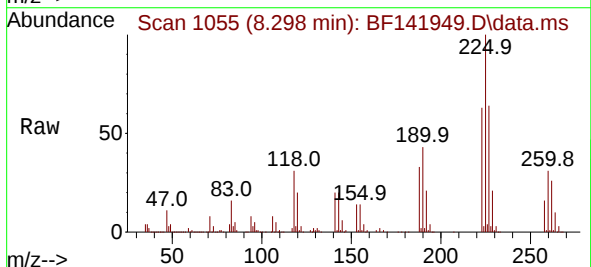
Tgt Ion:225 Resp: 339097

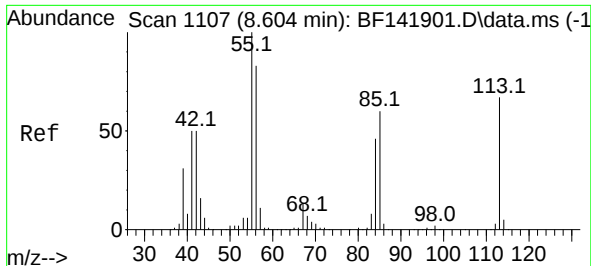
Ion Ratio Lower Upper

225 100

223 63.5 50.6 75.8

227 64.1 52.2 78.2





#35

Caprolactam

Concen: 25.386 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

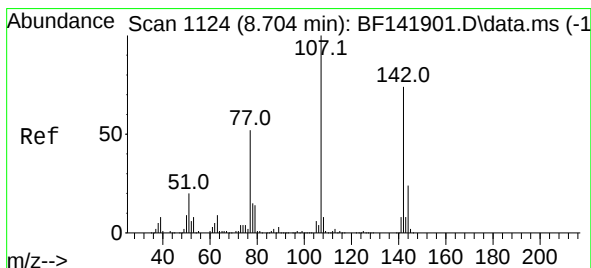
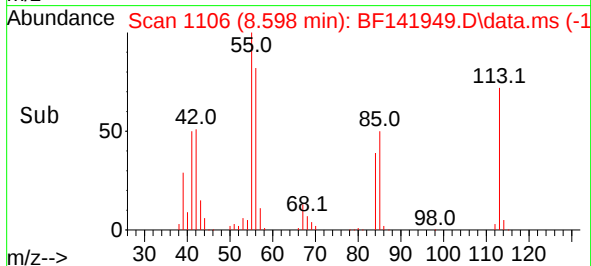
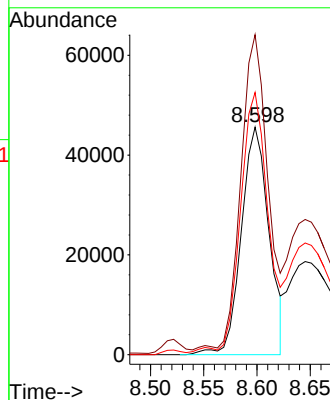
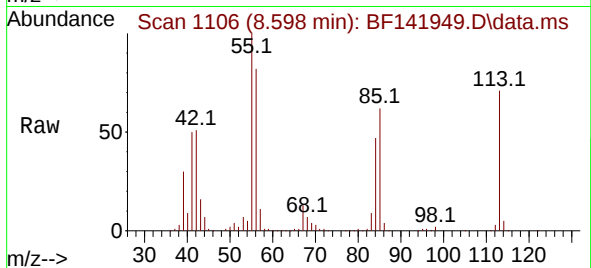
Tgt Ion:113 Resp: 82203

Ion Ratio Lower Upper

113 100

55 140.7 129.6 169.6

56 115.3 104.0 144.0



#36

4-Chloro-3-methylphenol

Concen: 45.617 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

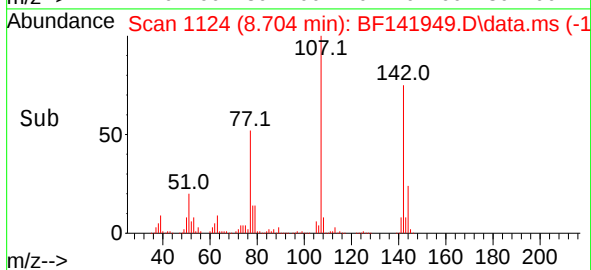
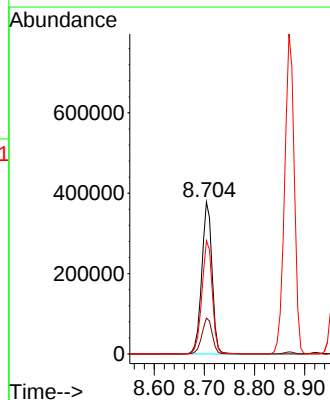
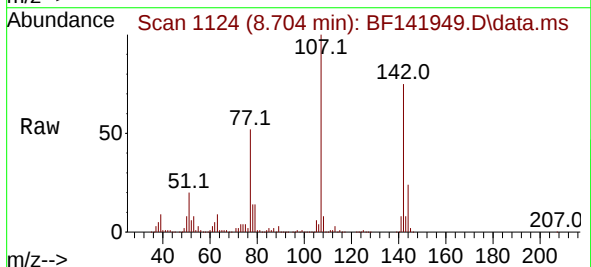
Tgt Ion:107 Resp: 540467

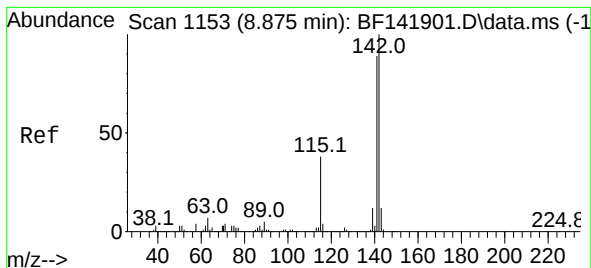
Ion Ratio Lower Upper

107 100

144 23.6 19.0 28.6

142 74.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.184 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

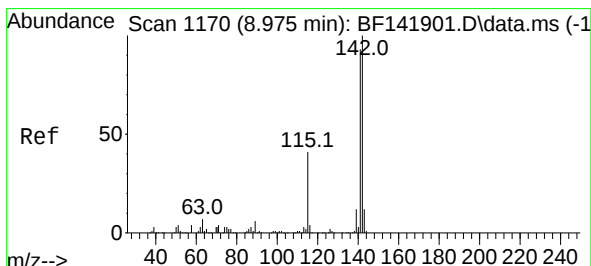
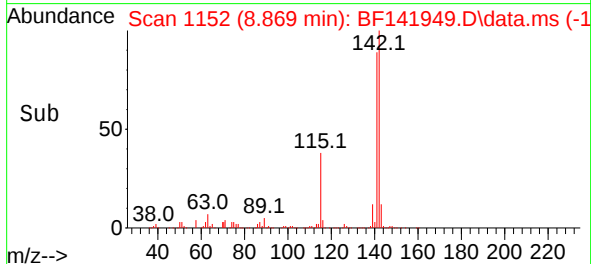
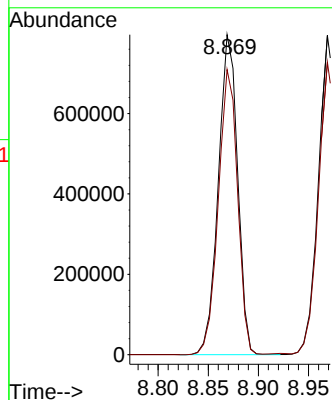
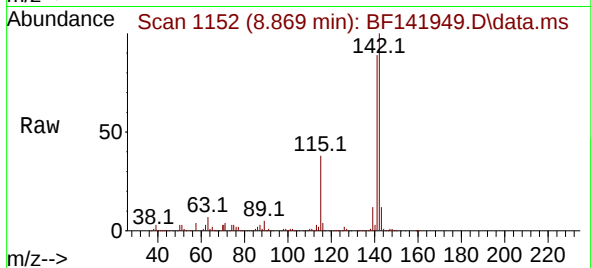
OR-620-JB-COMP-01MS

Tgt Ion:142 Resp: 1062768

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8



#38

1-Methylnaphthalene

Concen: 43.703 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF141949.D

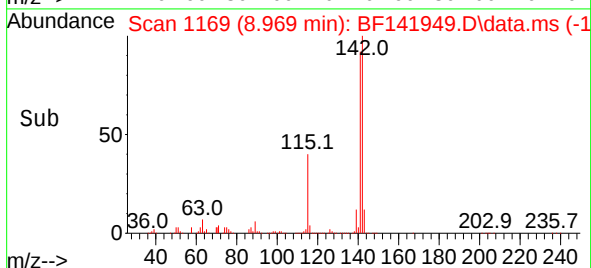
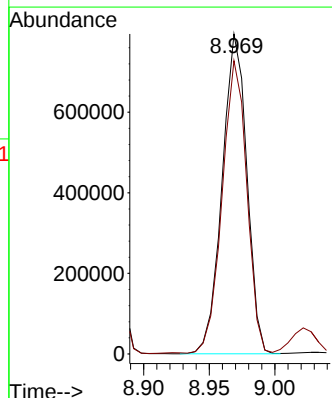
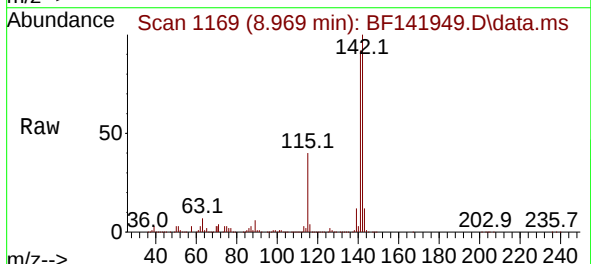
Acq: 13 Mar 2025 19:11

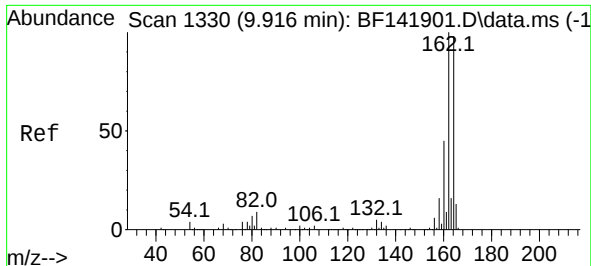
Tgt Ion:142 Resp: 1037875

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

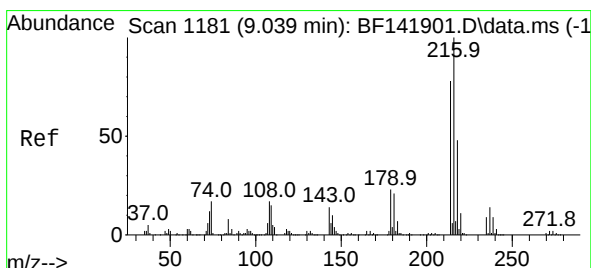
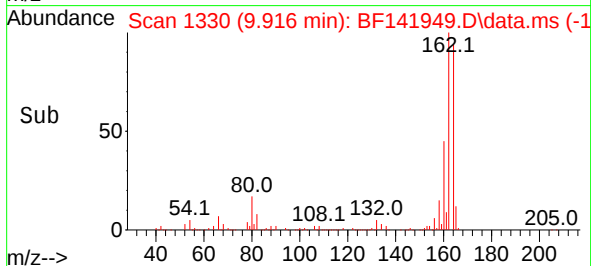
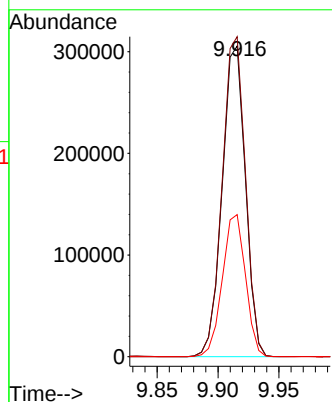
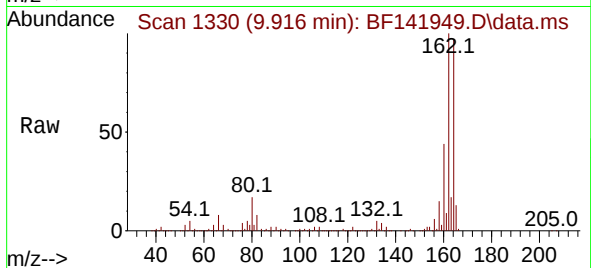
Tgt Ion:164 Resp: 406135

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 45.7 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.640 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Tgt Ion:216 Resp: 638543

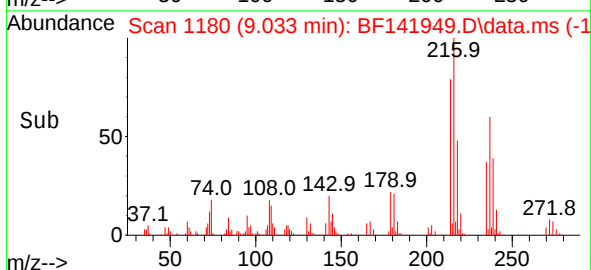
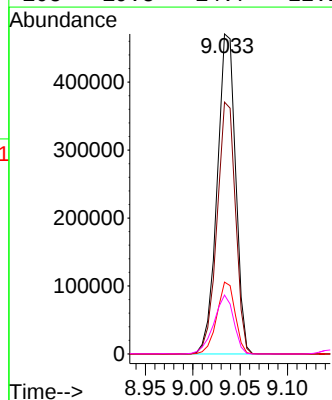
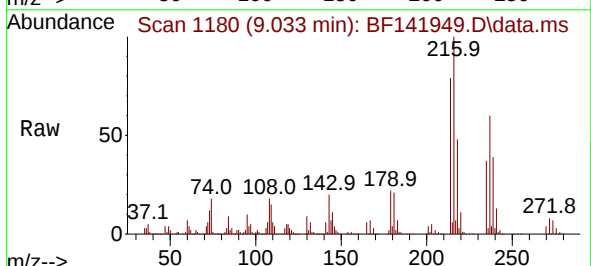
Ion Ratio Lower Upper

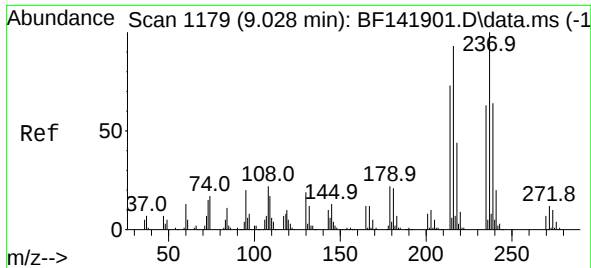
216 100

214 78.5 61.9 92.9

179 22.1 18.1 27.1

108 19.8 14.7 22.1

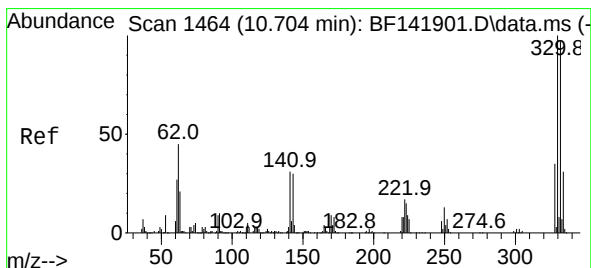
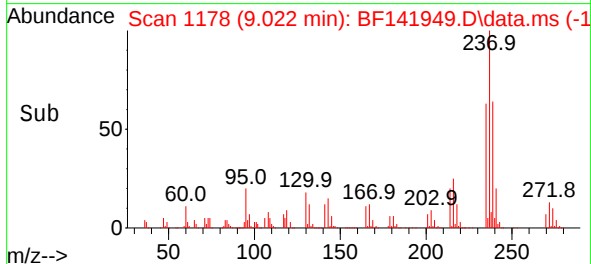
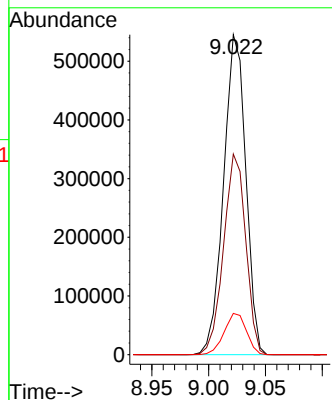
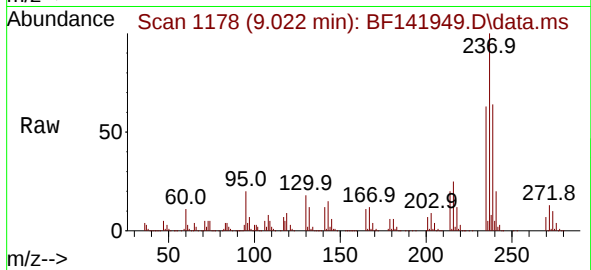




#41
Hexachlorocyclopentadiene
Concen: 153.438 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

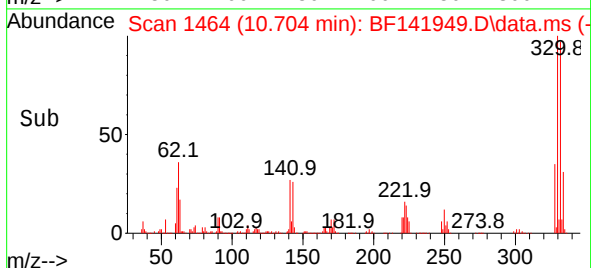
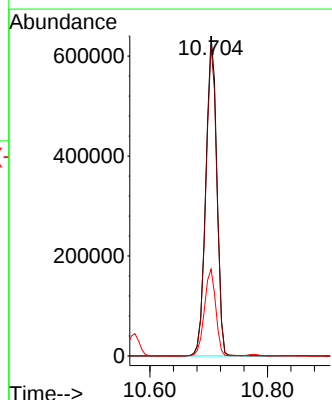
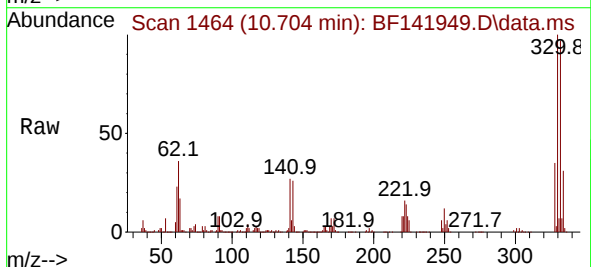
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

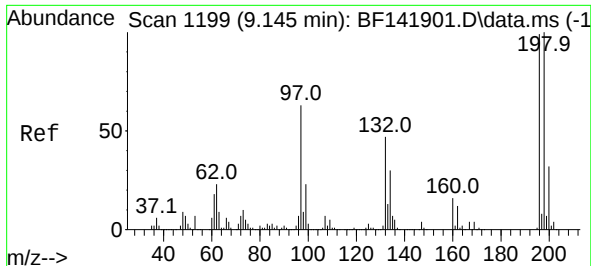
Tgt Ion:237 Resp: 742522
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 12.9 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 161.414 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

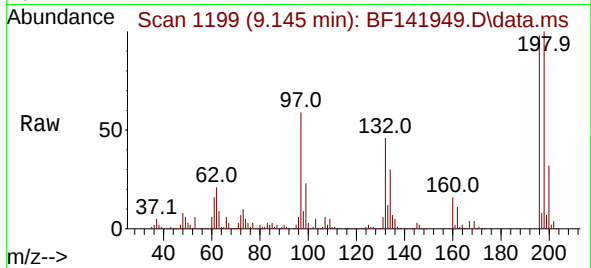
Tgt Ion:330 Resp: 831665
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 27.8 24.7 37.1



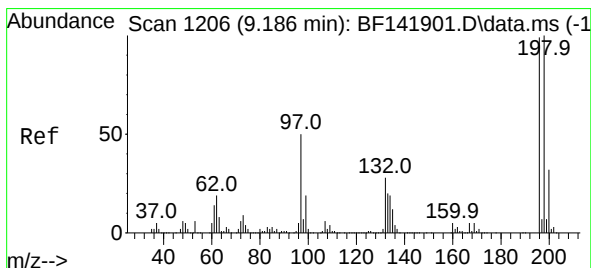
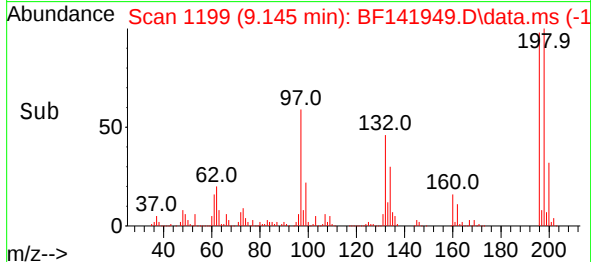
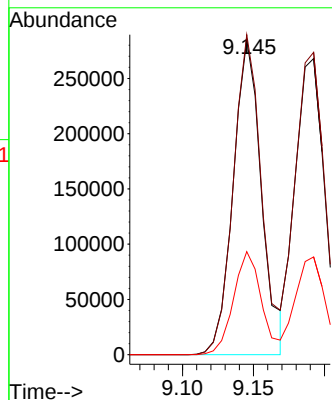


#43
2,4,6-Trichlorophenol
Concen: 48.810 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

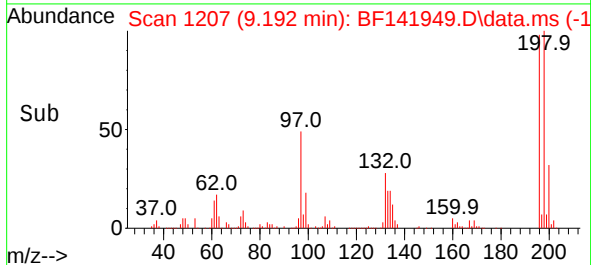
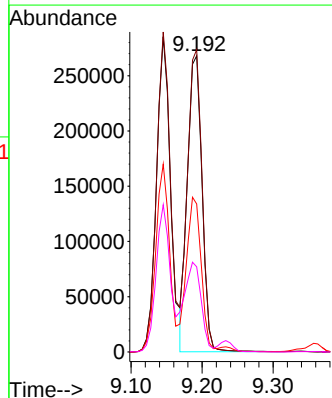
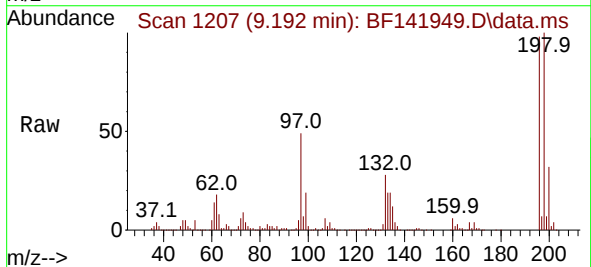


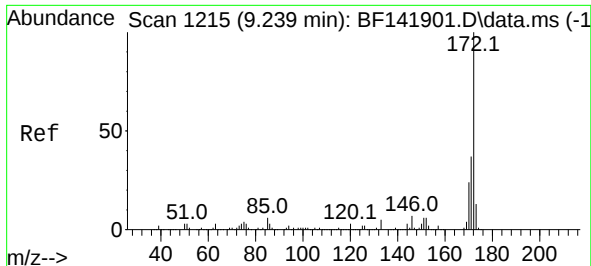
Tgt Ion:196 Resp: 394439
Ion Ratio Lower Upper
196 100
198 101.5 80.6 121.0
200 32.7 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 47.082 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:196 Resp: 385346
Ion Ratio Lower Upper
196 100
198 102.1 80.7 121.1
97 49.9 42.1 63.1
132 28.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 100.038 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

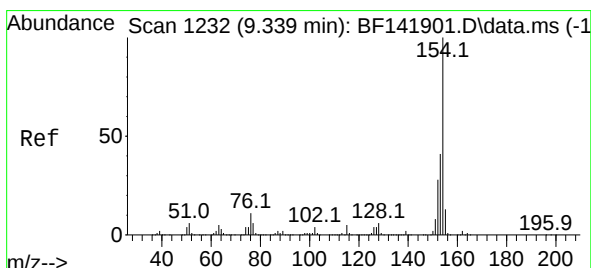
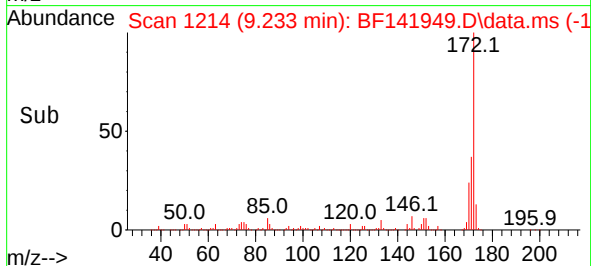
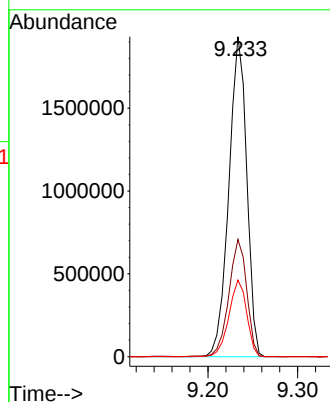
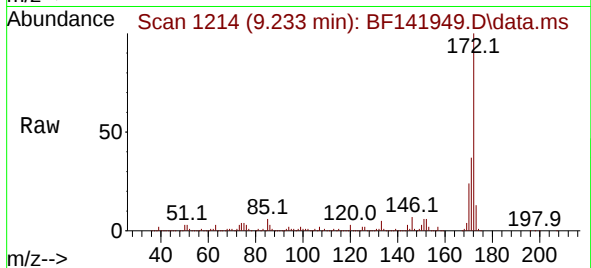
Tgt Ion:172 Resp: 2671524

Ion Ratio Lower Upper

172 100

171 36.6 29.3 43.9

170 23.9 19.4 29.0



#46

1,1'-Biphenyl

Concen: 50.660 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

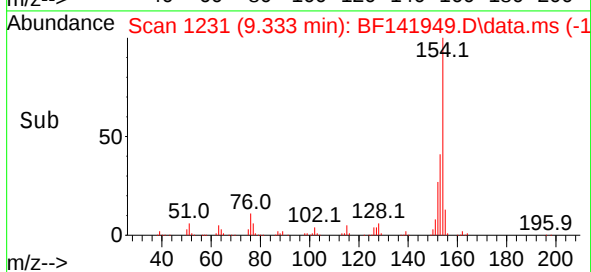
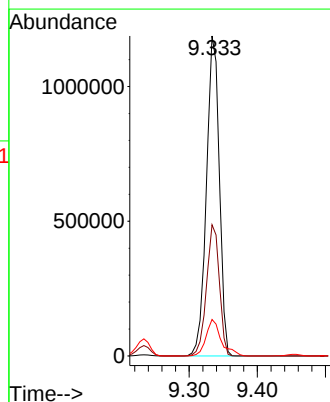
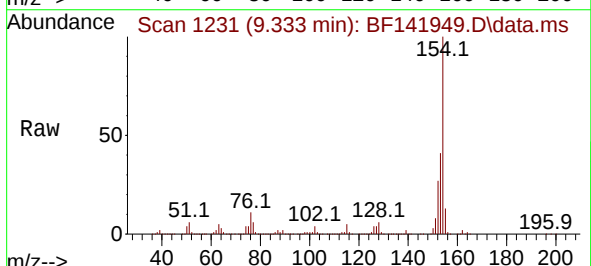
Tgt Ion:154 Resp: 1563301

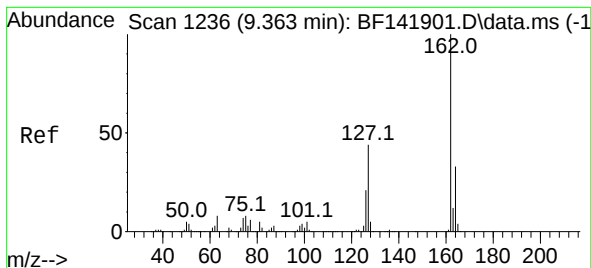
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 11.4 0.0 31.3





#47

2-Chloronaphthalene

Concen: 46.738 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

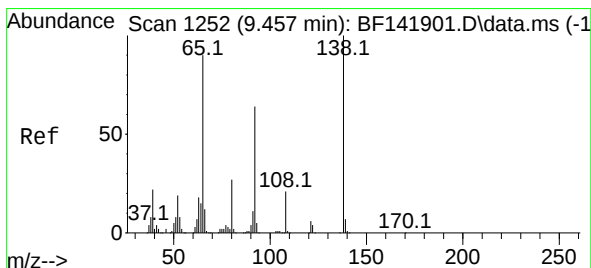
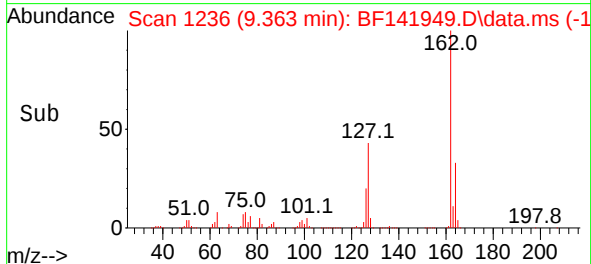
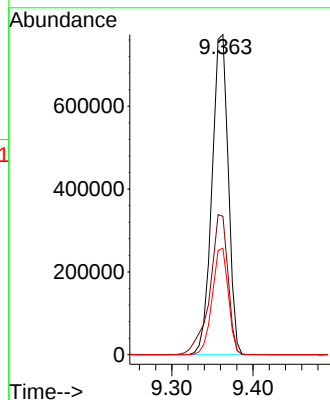
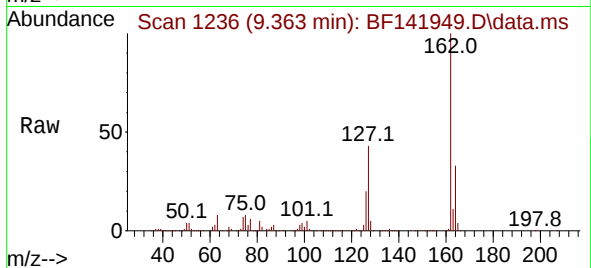
Tgt Ion:162 Resp: 1074999

Ion Ratio Lower Upper

162 100

127 43.2 35.5 53.3

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 48.169 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

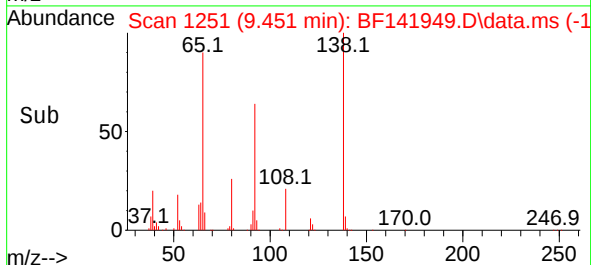
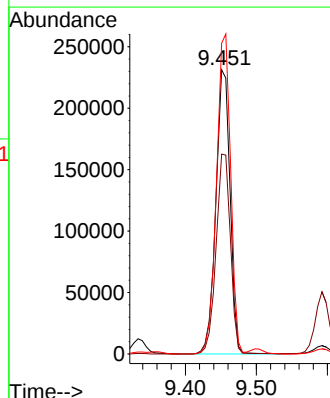
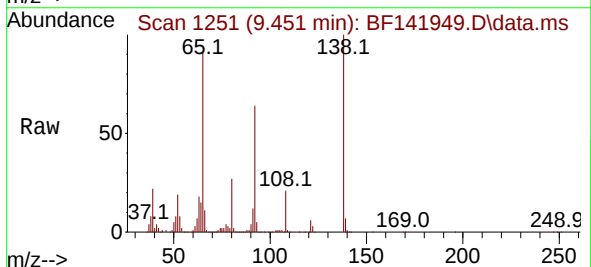
Tgt Ion: 65 Resp: 320785

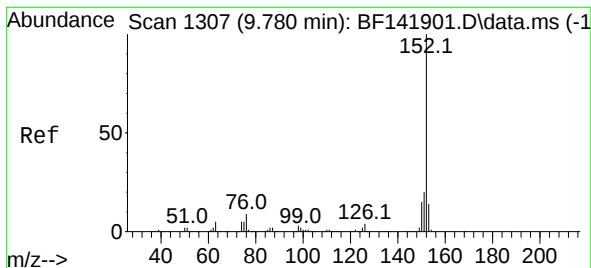
Ion Ratio Lower Upper

65 100

92 70.3 56.6 84.8

138 109.4 88.6 133.0





#49

Acenaphthylene

Concen: 48.817 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

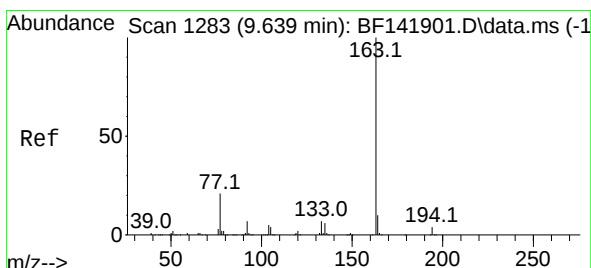
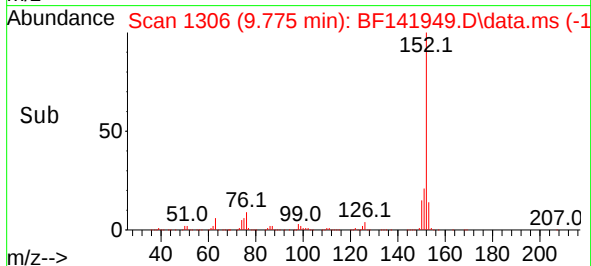
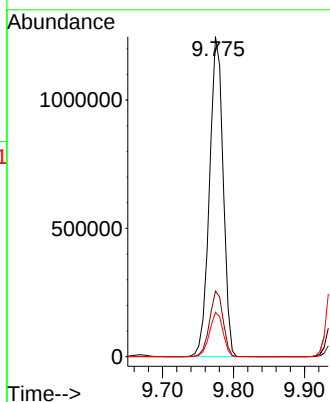
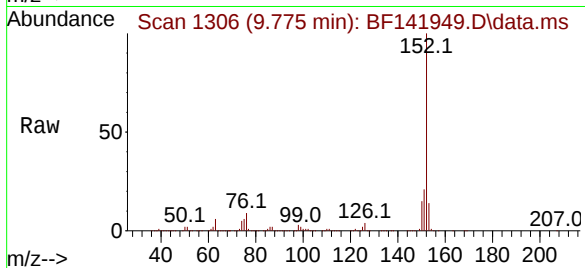
Tgt Ion:152 Resp: 1666217

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 48.273 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

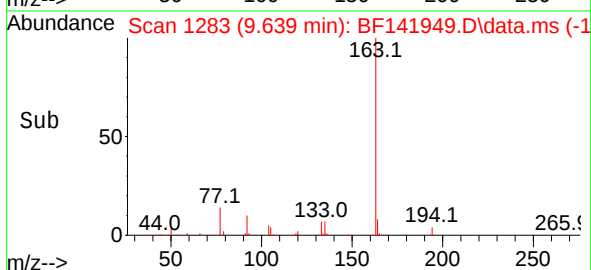
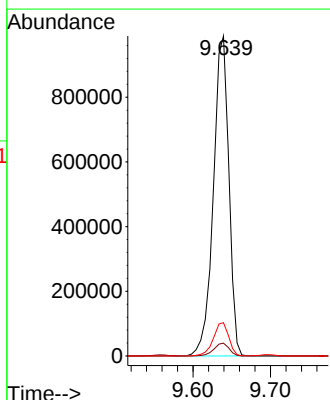
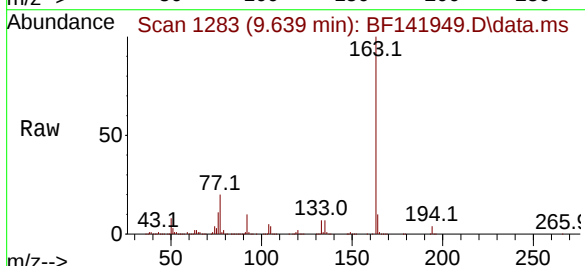
Tgt Ion:163 Resp: 1372905

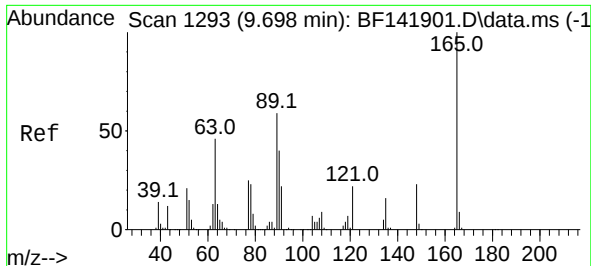
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.4

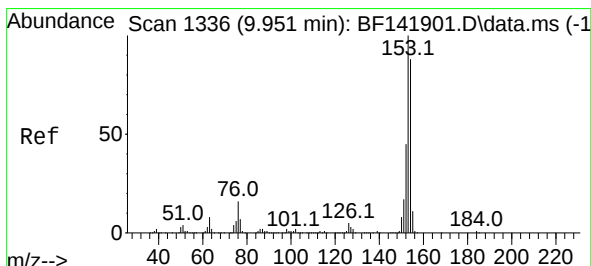
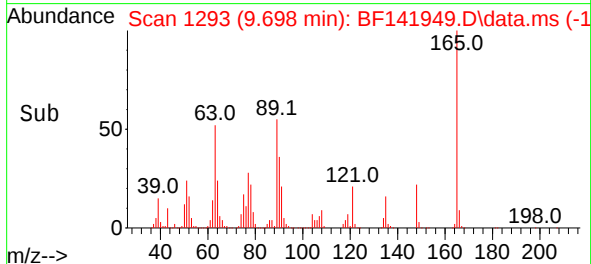
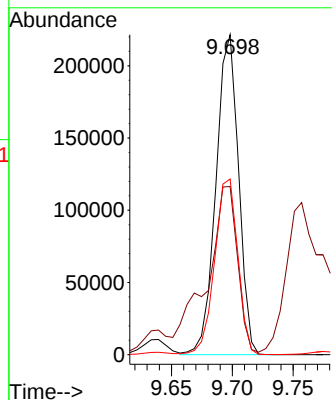
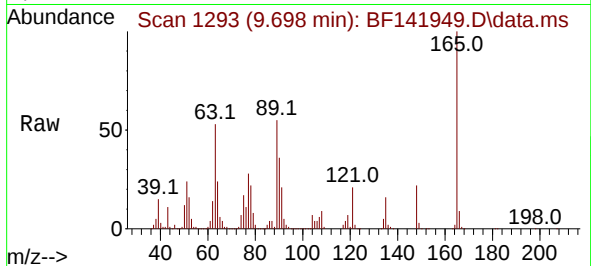




#51
2,6-Dinitrotoluene
Concen: 48.410 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

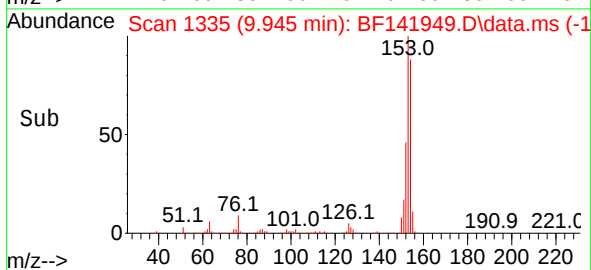
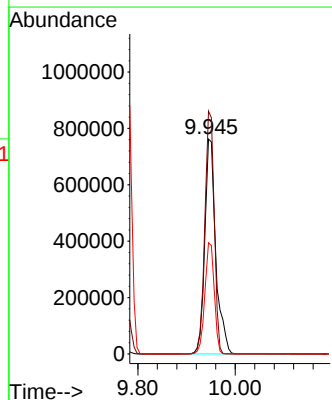
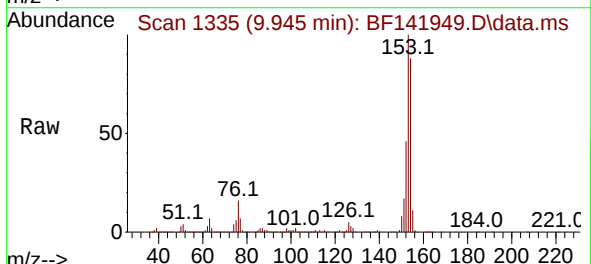
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

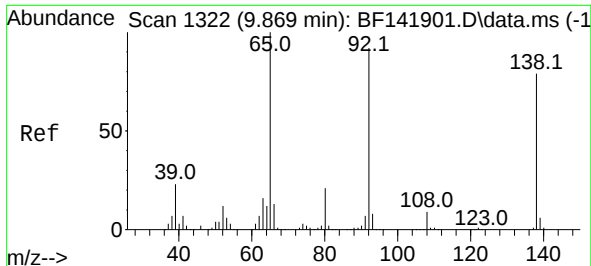
Tgt Ion:165 Resp: 286666
Ion Ratio Lower Upper
165 100
63 52.5 47.0 70.4
89 54.9 47.4 71.2



#52
Acenaphthene
Concen: 50.100 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:154 Resp: 1201710
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 51.8 41.1 61.7

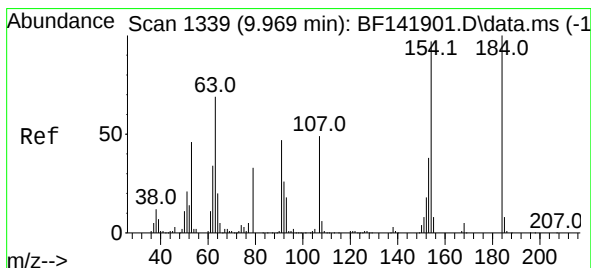
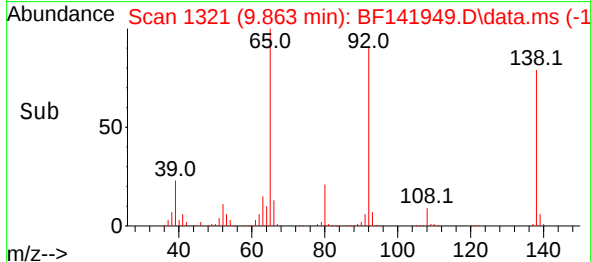
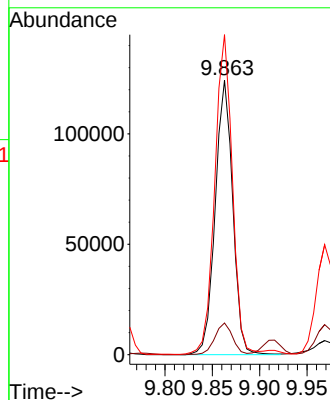
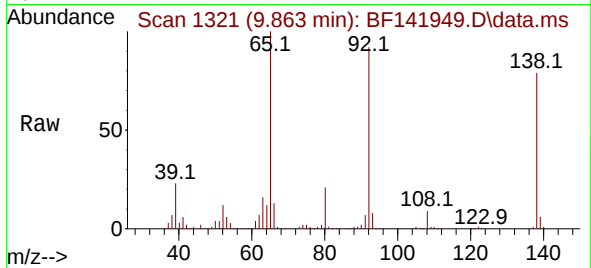




#53
3-Nitroaniline
Concen: 26.692 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

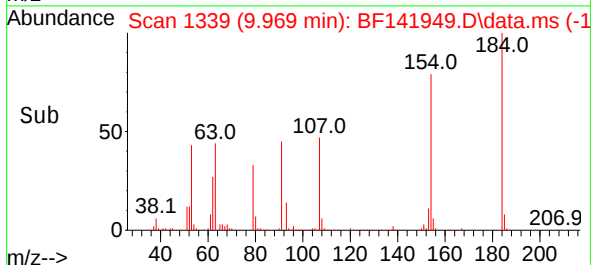
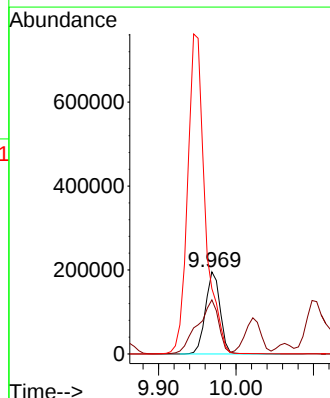
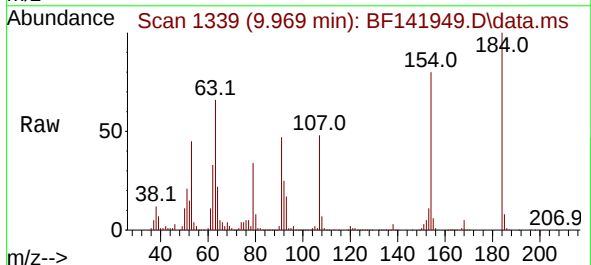
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

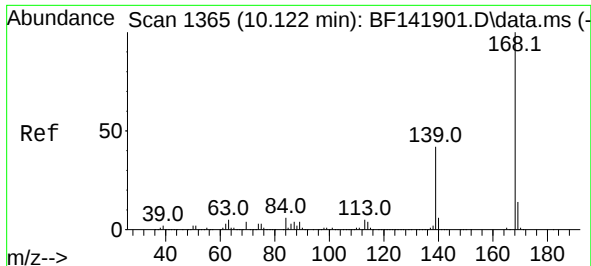
Tgt Ion:138 Resp: 160330
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 116.5 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 76.508 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:184 Resp: 256360
Ion Ratio Lower Upper
184 100
63 65.9 60.2 90.4
154 79.5 132.9 199.3#

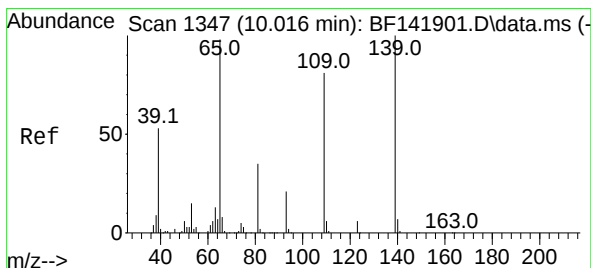
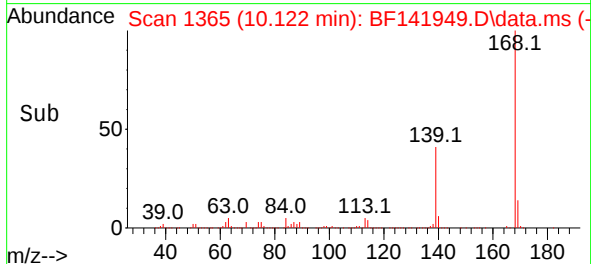
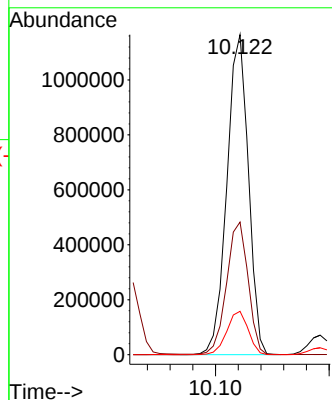
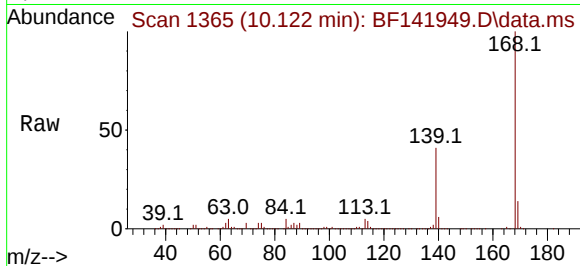




#55
Dibenzenofuran
Concen: 44.539 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

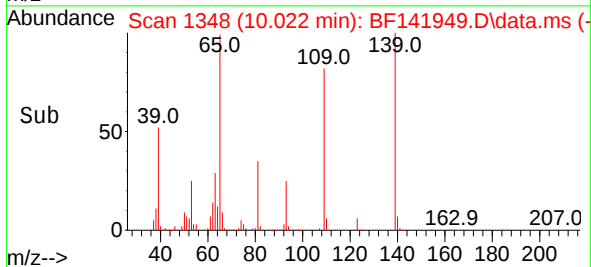
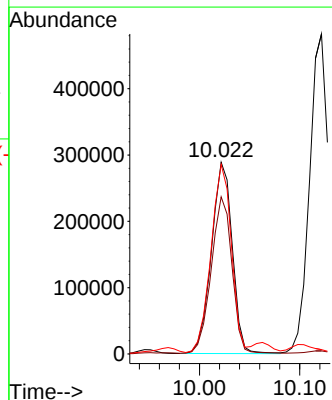
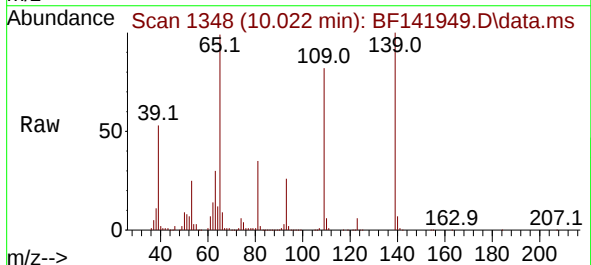
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

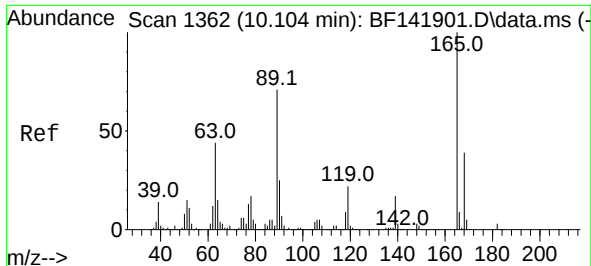
Tgt Ion:168 Resp: 1526513
Ion Ratio Lower Upper
168 100
139 41.4 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 92.056 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:139 Resp: 416999
Ion Ratio Lower Upper
139 100
109 81.9 61.6 101.6
65 98.9 79.4 119.4

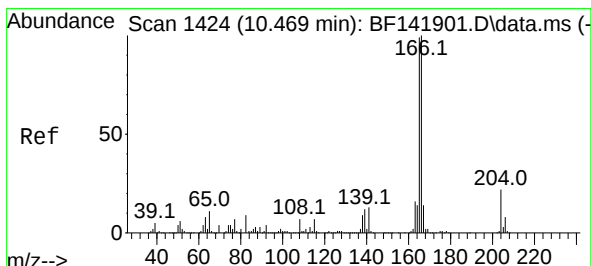
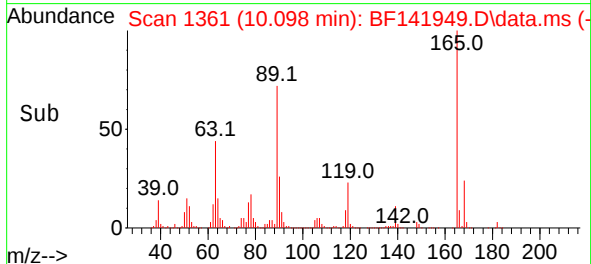
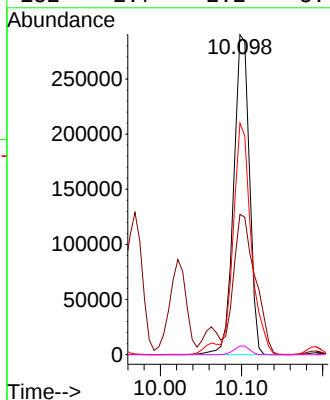
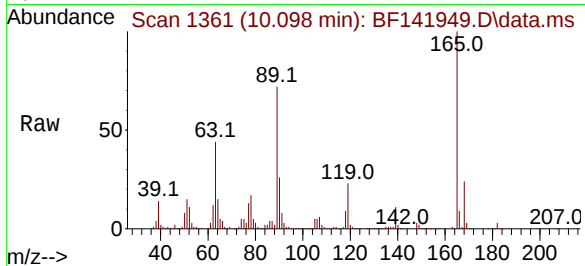




#57
2,4-Dinitrotoluene
Concen: 50.555 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

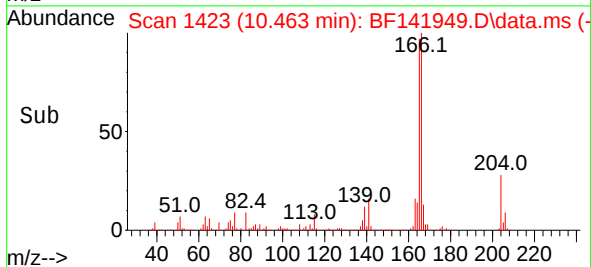
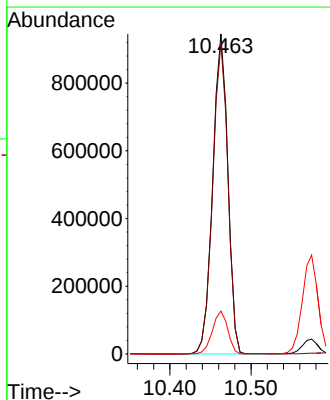
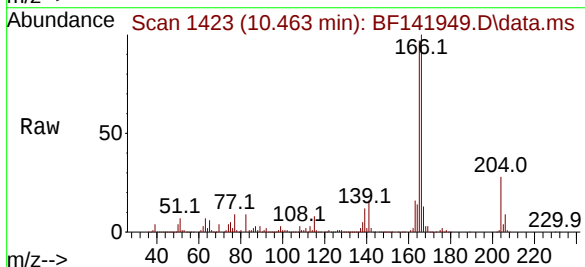
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

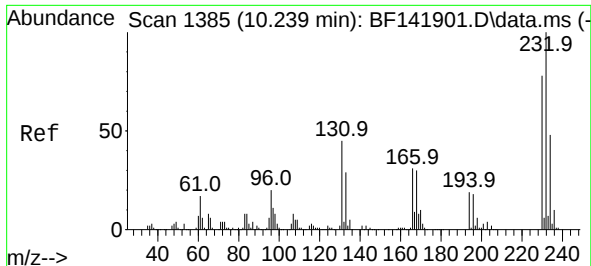
Tgt Ion:165 Resp: 391005
Ion Ratio Lower Upper
165 100
63 43.9 35.4 53.2
89 72.4 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 46.311 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:166 Resp: 1224045
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.4
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.781 ng

RT: 10.233 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion:232 Resp: 340961

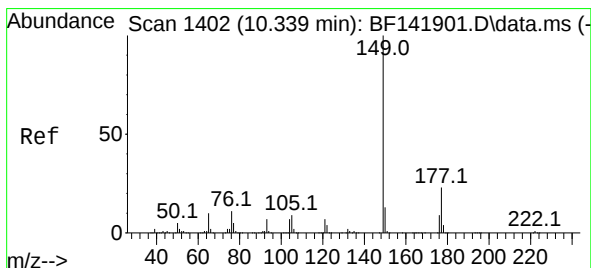
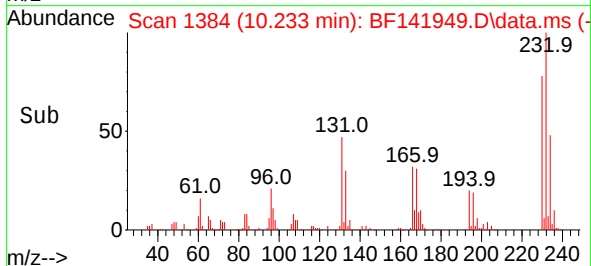
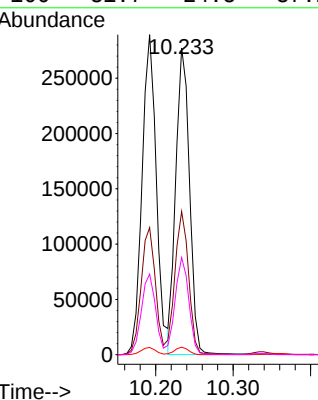
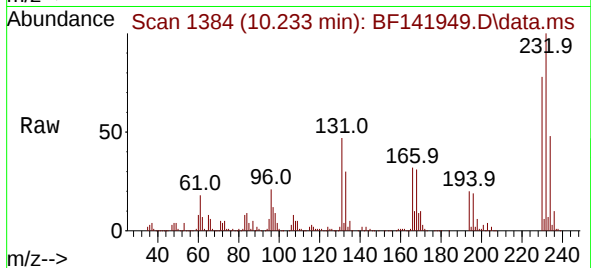
Ion Ratio Lower Upper

232 100

131 47.1 37.3 55.9

130 2.5 1.9 2.9

166 31.7 24.8 37.2



#60

Diethylphthalate

Concen: 45.686 ng

RT: 10.333 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

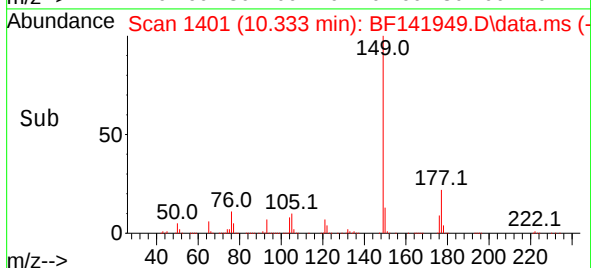
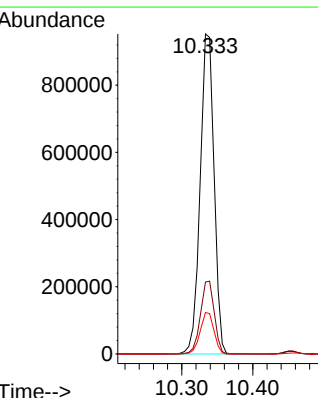
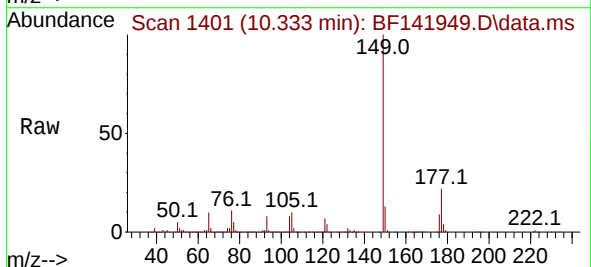
Tgt Ion:149 Resp: 1295615

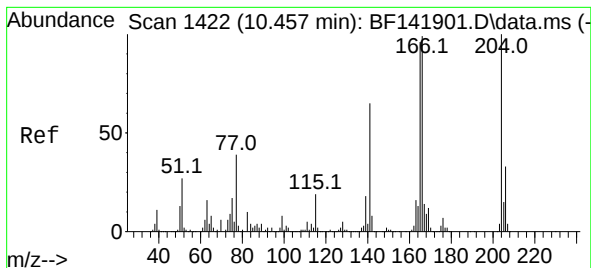
Ion Ratio Lower Upper

149 100

177 22.5 18.0 27.0

150 12.9 10.2 15.4

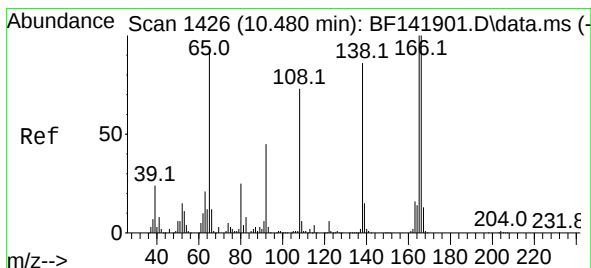
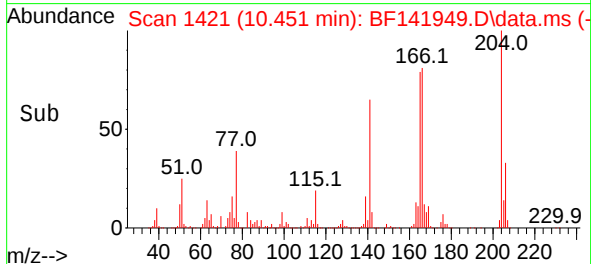
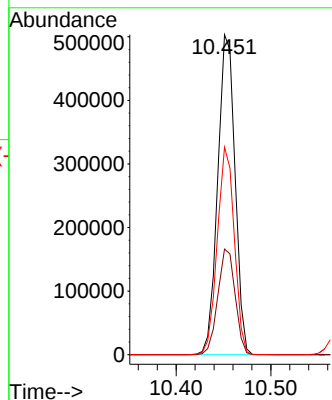
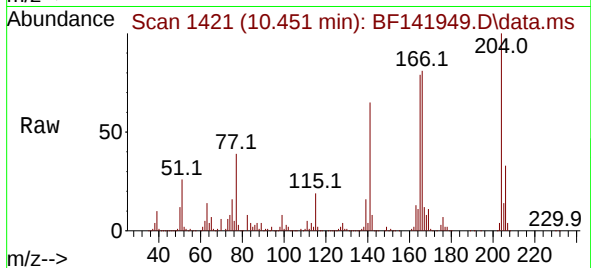




#61
4-Chlorophenyl-phenylether
Concen: 46.574 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

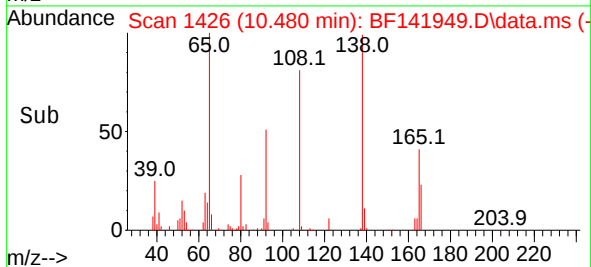
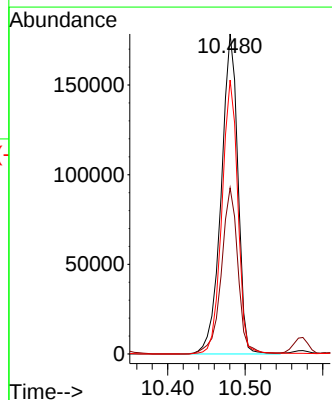
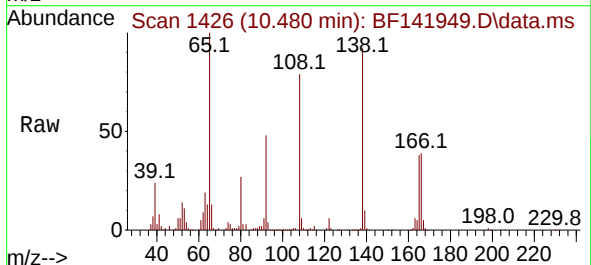
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

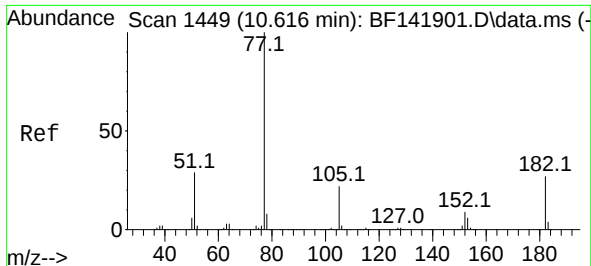
Tgt Ion:204 Resp: 641782
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 64.8 52.4 78.6



#62
4-Nitroaniline
Concen: 45.718 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:138 Resp: 267352
Ion Ratio Lower Upper
138 100
92 51.9 32.6 72.6
108 85.6 65.0 105.0

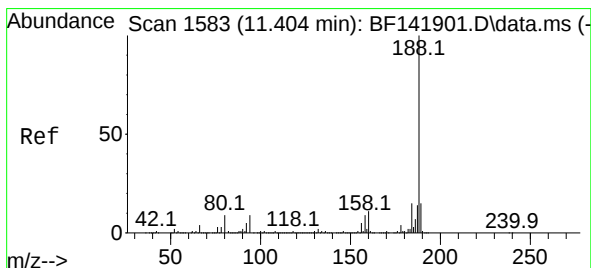
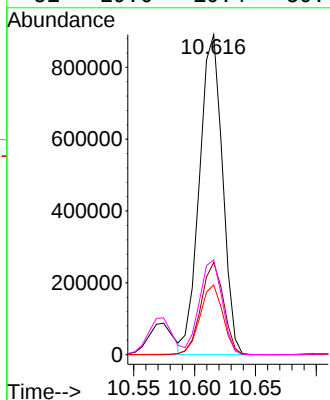
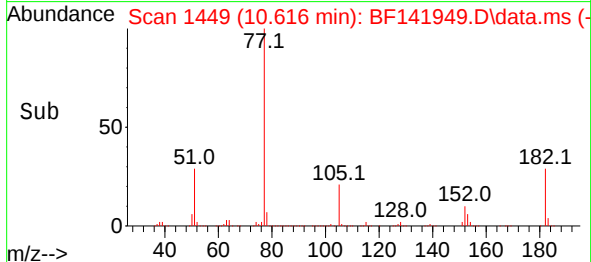
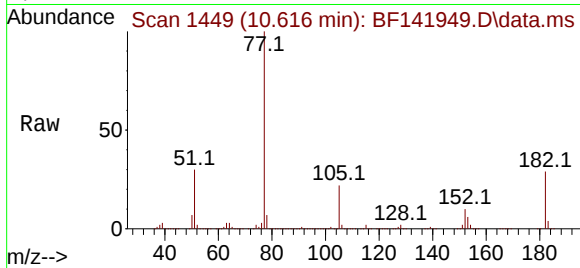




#63
Azobenzene
Concen: 44.319 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

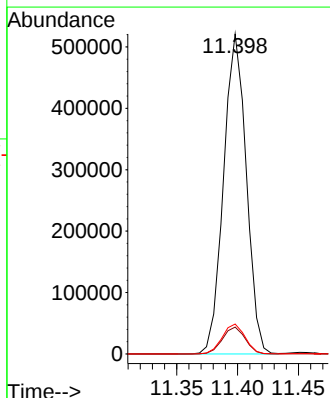
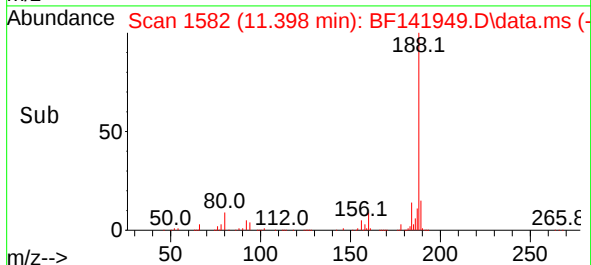
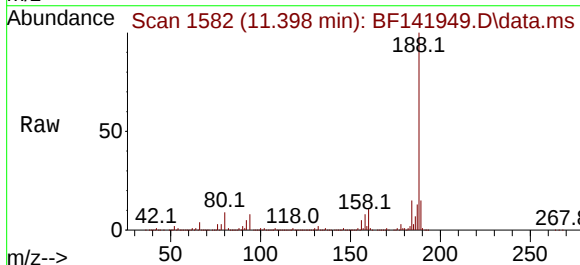
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

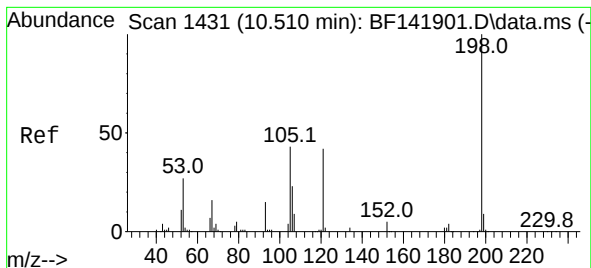
Tgt Ion: 77 Resp: 1168512
Ion Ratio Lower Upper
77 100
182 28.8 6.6 46.6
105 21.8 1.3 41.3
51 29.6 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion: 188 Resp: 676623
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.3 7.6 11.4

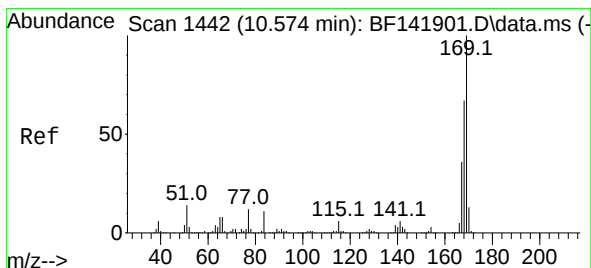
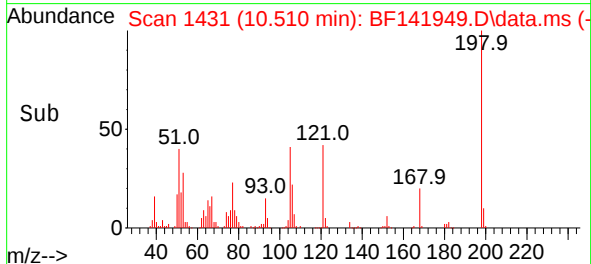
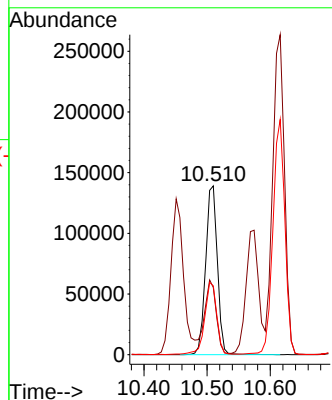
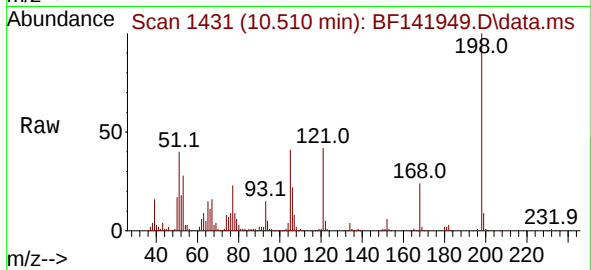




#65
4,6-Dinitro-2-methylphenol
Concen: 44.672 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

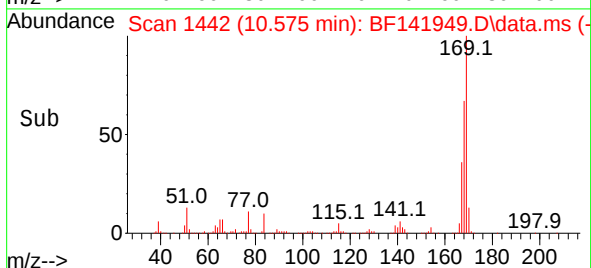
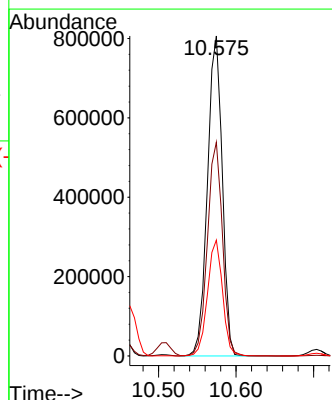
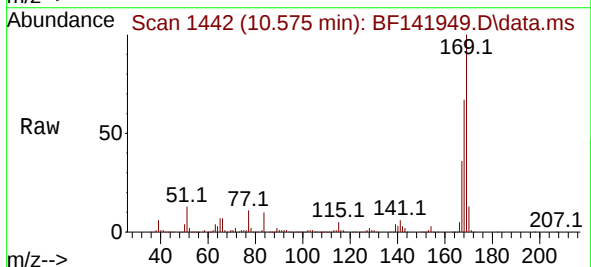
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

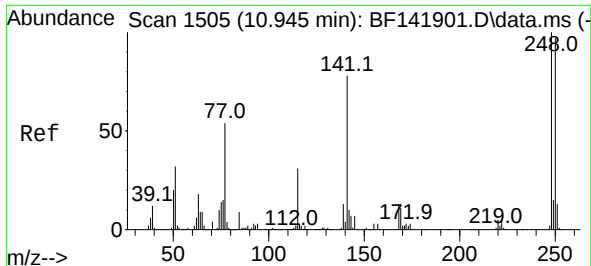
Tgt Ion:198 Resp: 180192
Ion Ratio Lower Upper
198 100
51 39.8 22.3 62.3
105 40.8 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 48.742 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

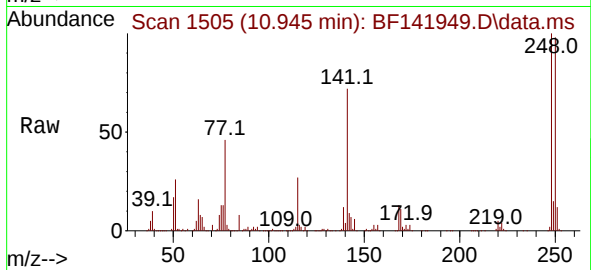
Tgt Ion:169 Resp: 1067239
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.2 29.2 43.8



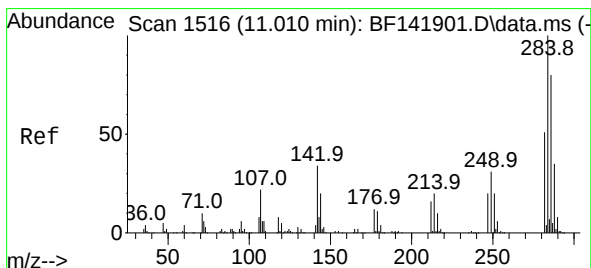
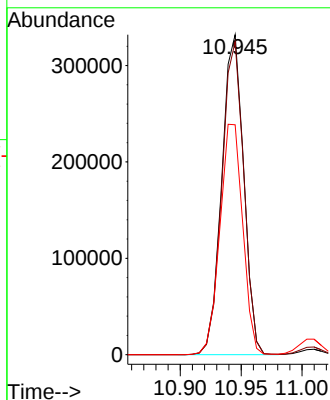
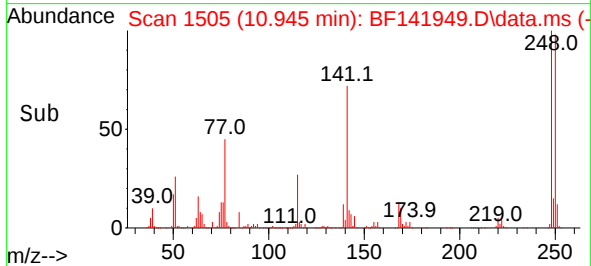


#67
4-Bromophenyl-phenylether
Concen: 49.035 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

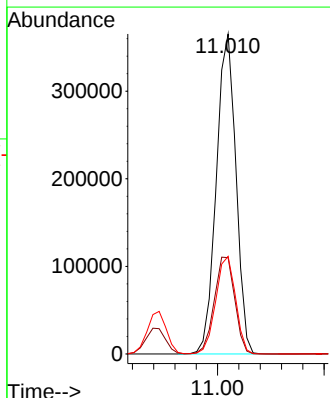
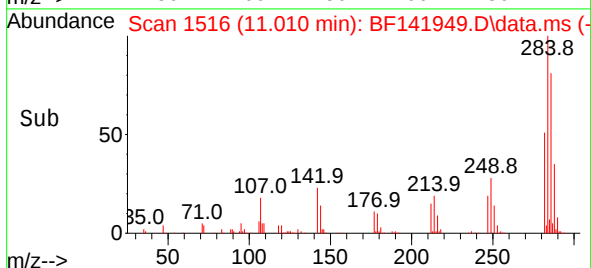
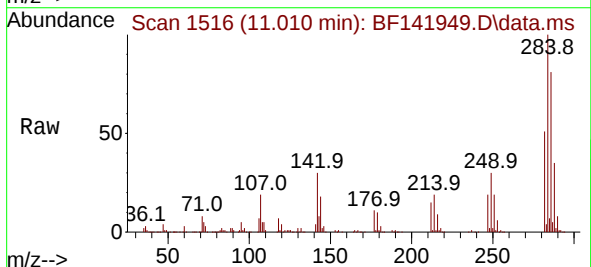


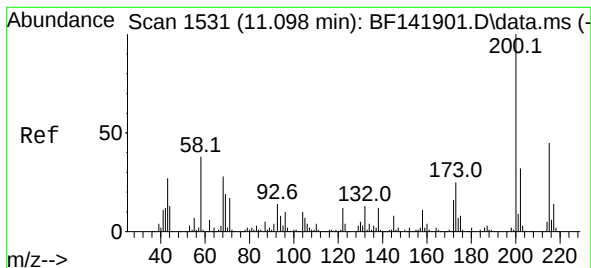
Tgt Ion:248 Resp: 416677
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 71.9 62.6 93.8



#68
Hexachlorobenzene
Concen: 50.019 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:284 Resp: 466176
Ion Ratio Lower Upper
284 100
142 30.1 27.0 40.6
249 30.5 25.2 37.8





#69

Atrazine

Concen: 64.137 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

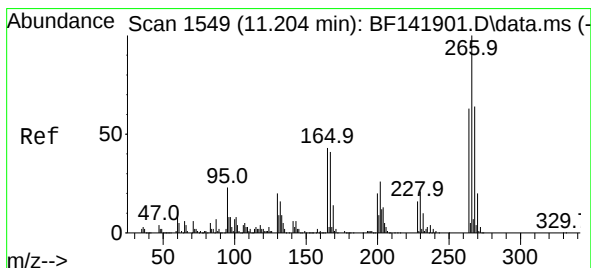
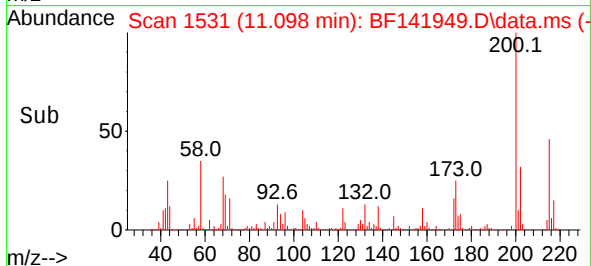
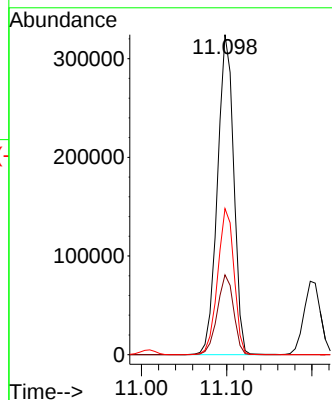
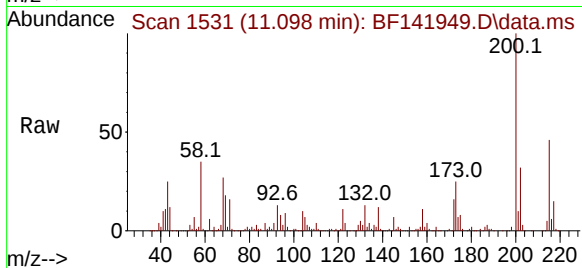
Tgt Ion:200 Resp: 430509

Ion Ratio Lower Upper

200 100

173 25.0 4.7 44.7

215 45.7 25.4 65.4



#70

Pentachlorophenol

Concen: 93.840 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

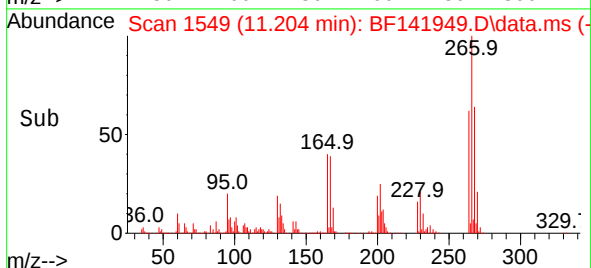
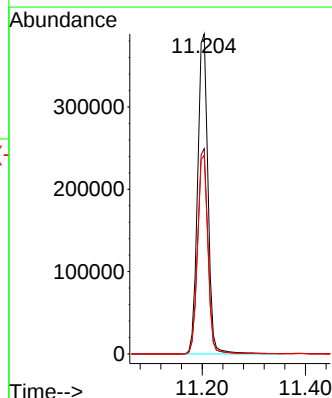
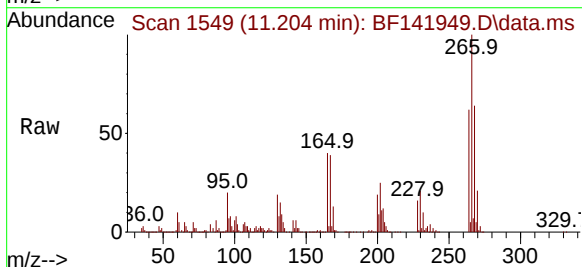
Tgt Ion:266 Resp: 538855

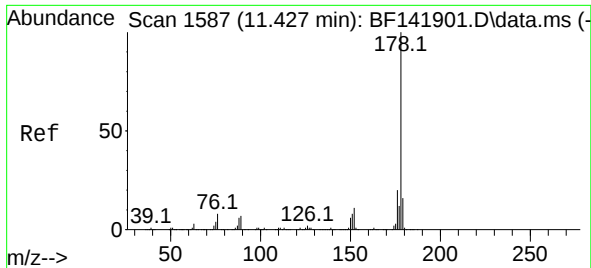
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 62.1 50.2 75.2

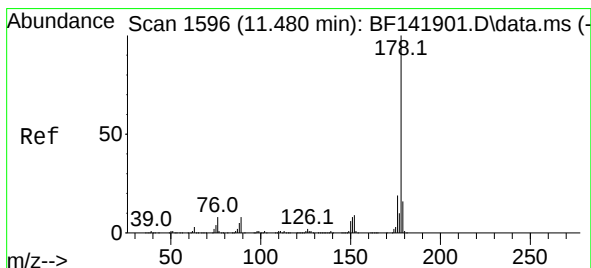
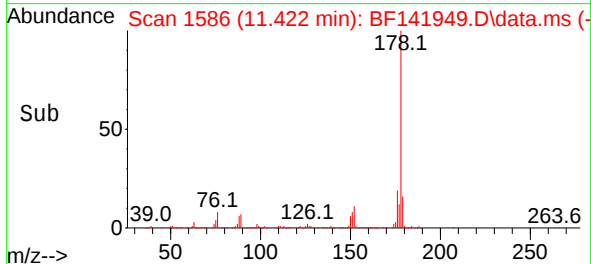
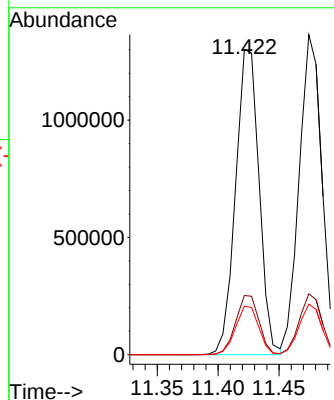
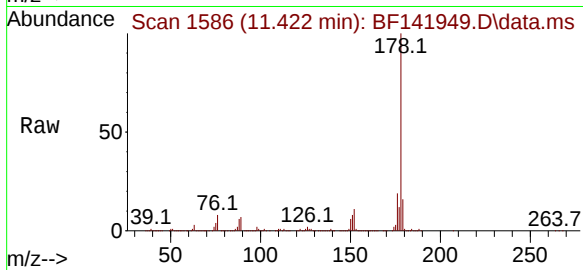




#71
Phenanthrene
Concen: 47.851 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

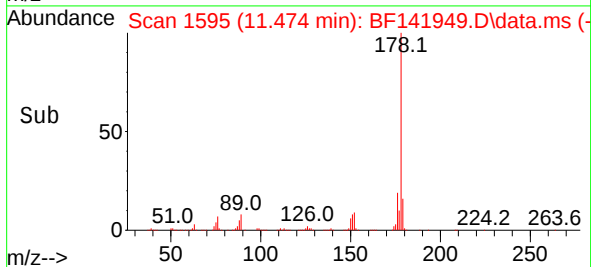
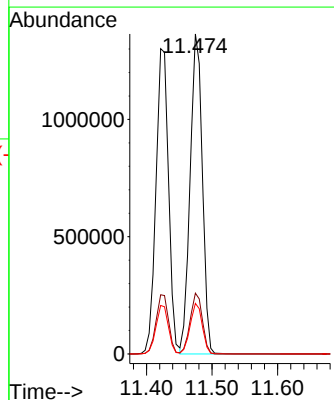
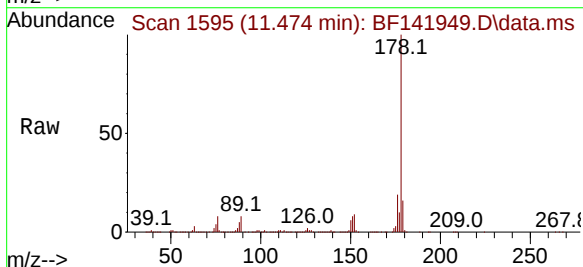
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

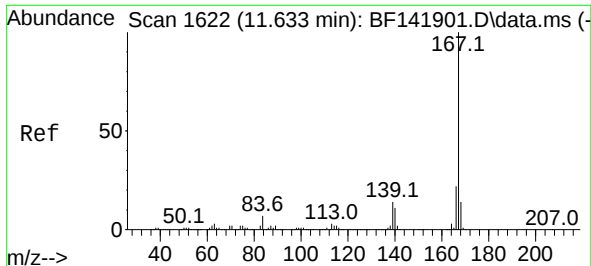
Tgt Ion:178 Resp: 1748795
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.9 12.6 19.0



#72
Anthracene
Concen: 48.111 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

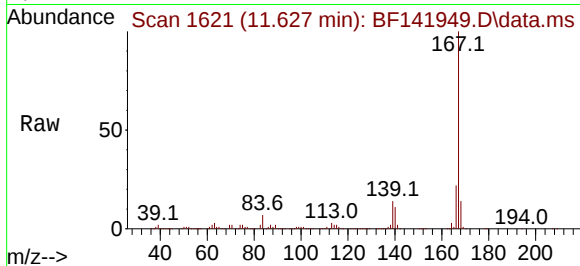
Tgt Ion:178 Resp: 1764021
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.8 12.6 19.0





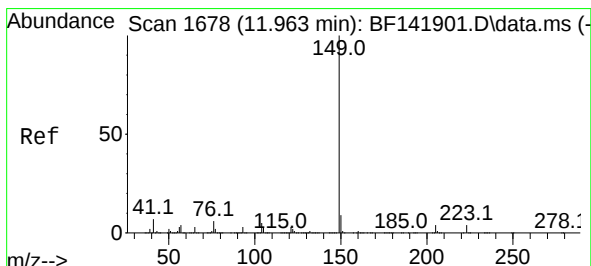
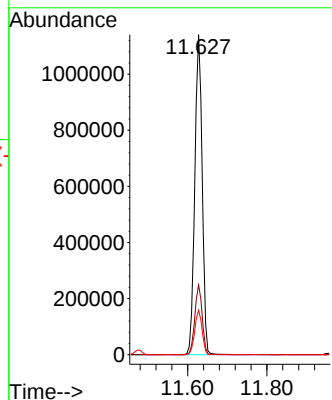
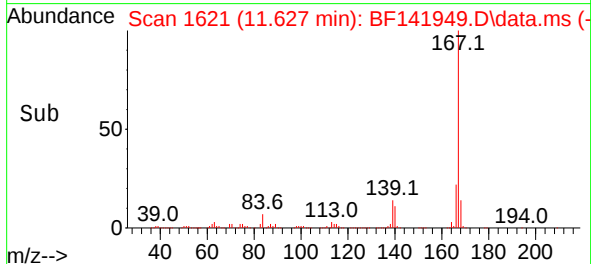
#73
 Carbazole
 Concen: 46.634 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF141949.D
 Acq: 13 Mar 2025 19:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01MS

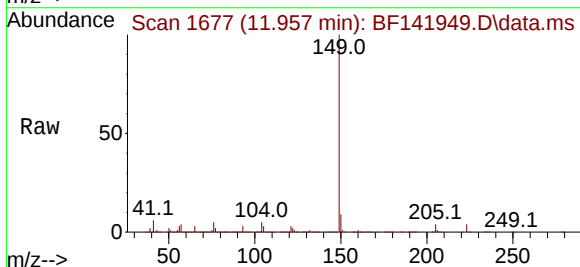


Tgt Ion:167 Resp: 1474615

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	13.9	11.0	16.6

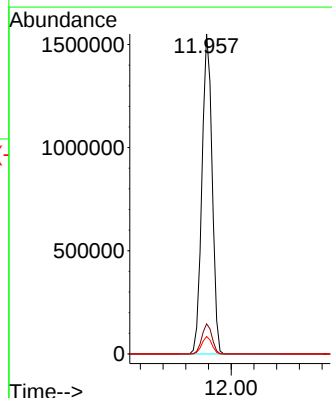
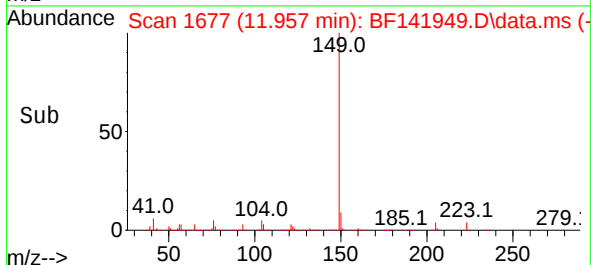


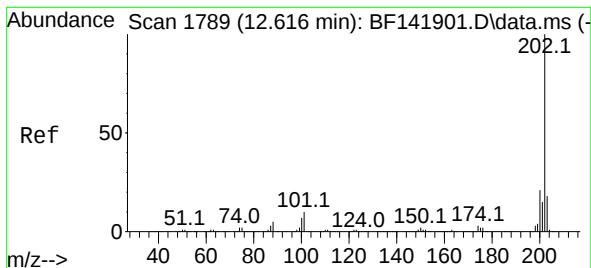
#74
 Di-n-butylphthalate
 Concen: 45.942 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF141949.D
 Acq: 13 Mar 2025 19:11



Tgt Ion:149 Resp: 1927602

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.4	4.4	6.6





#75

Fluoranthene

Concen: 43.357 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

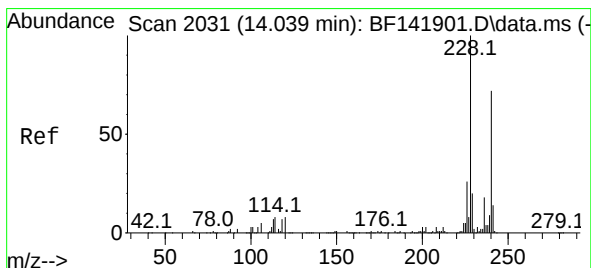
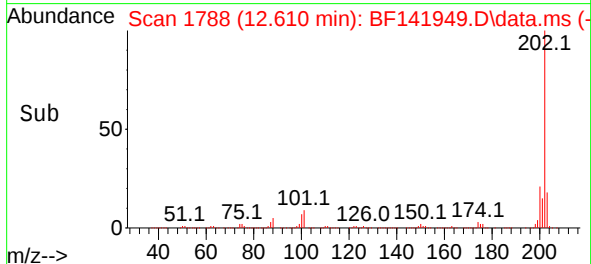
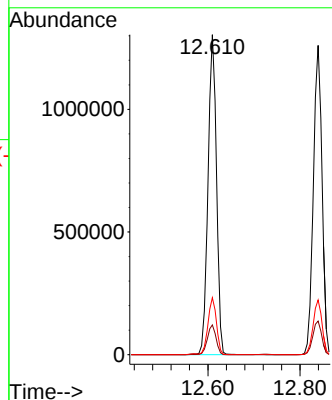
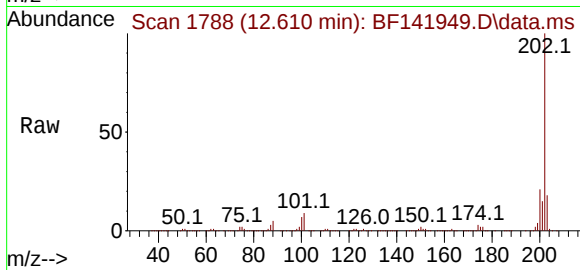
Tgt Ion:202 Resp: 1680843

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.7

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

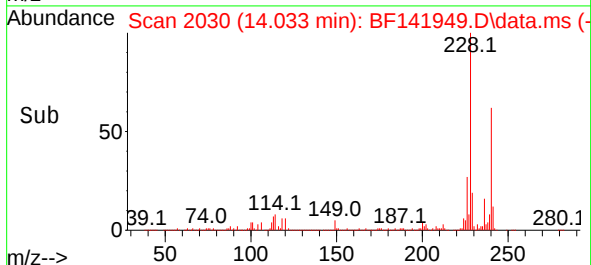
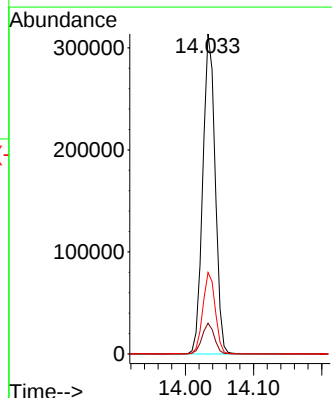
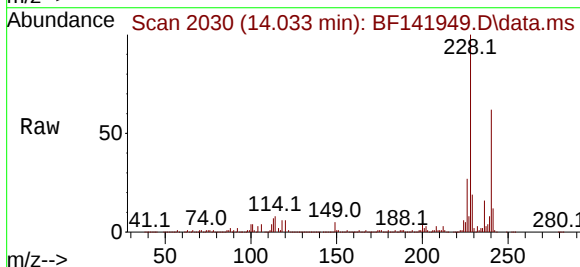
Tgt Ion:240 Resp: 396740

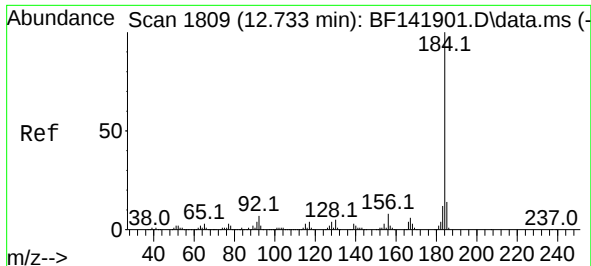
Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

236 25.5 20.5 30.7

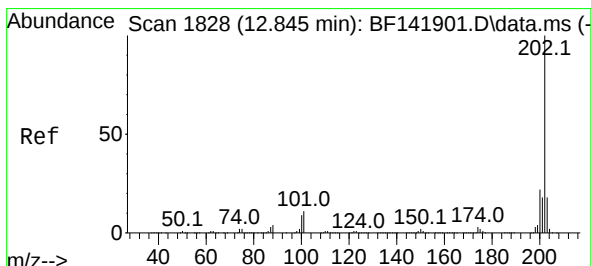
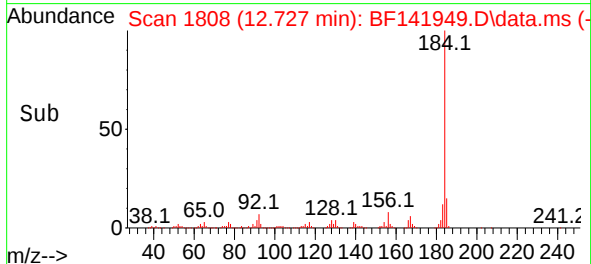
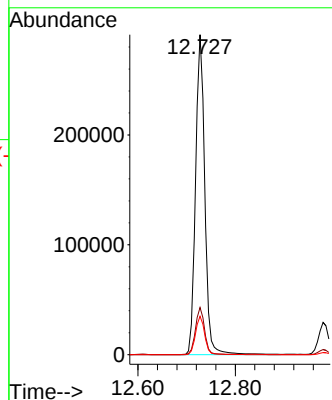
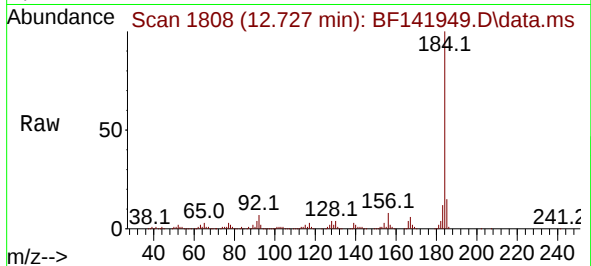




#77
Benzidine
Concen: 69.588 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

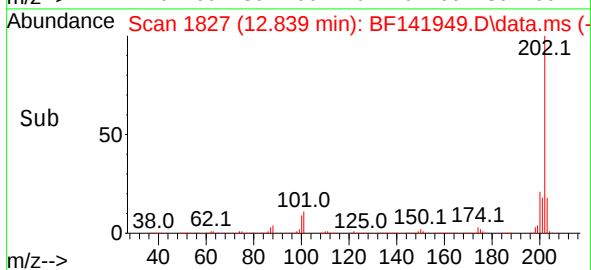
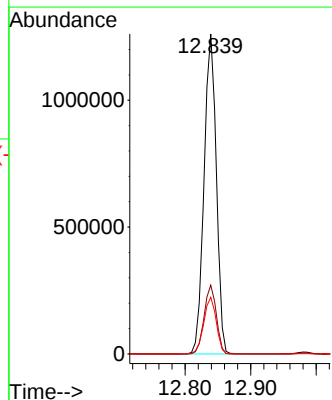
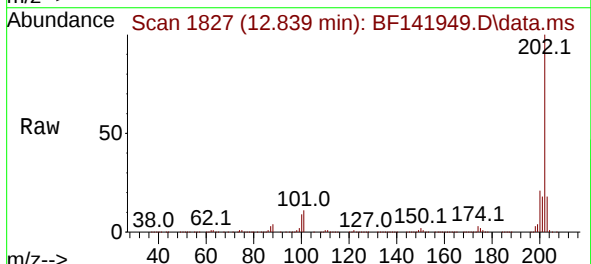
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

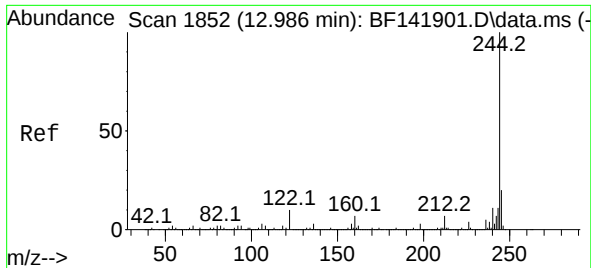
Tgt Ion:184 Resp: 385191
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 12.0 9.7 14.5



#78
Pyrene
Concen: 47.931 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF141949.D
Acq: 13 Mar 2025 19:11

Tgt Ion:202 Resp: 1644928
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.7 14.4 21.6

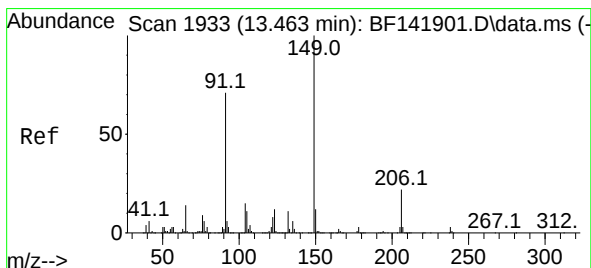
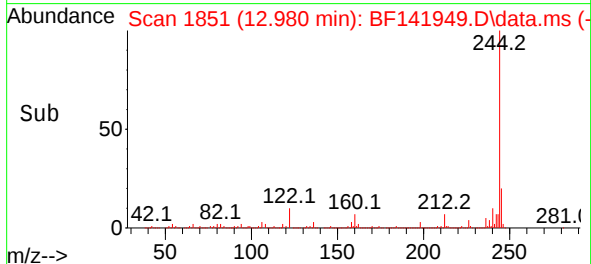
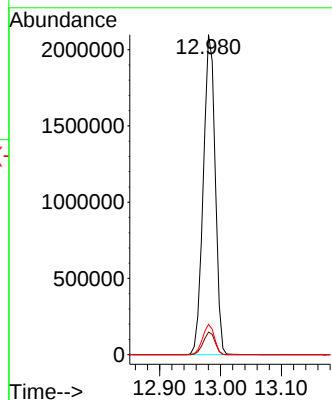
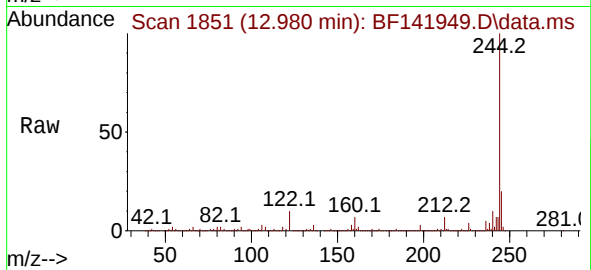




#79
 Terphenyl-d14
 Concen: 105.839 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF141949.D
 Acq: 13 Mar 2025 19:11

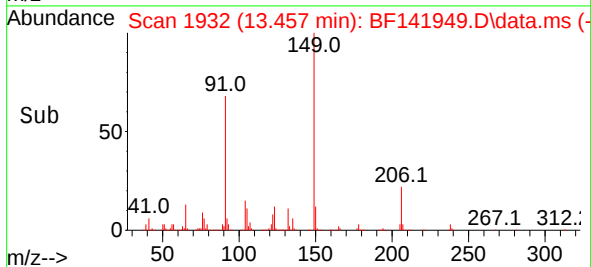
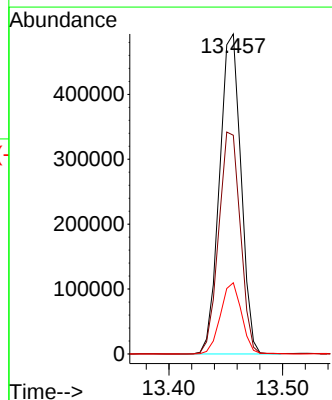
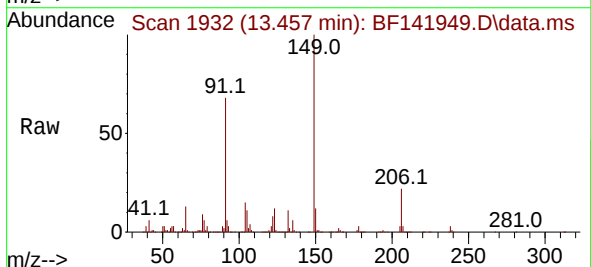
Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01MS

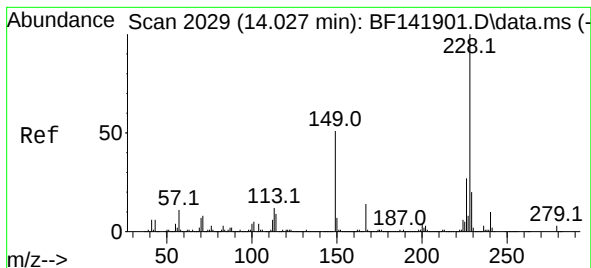
Tgt Ion:244 Resp: 2840169
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 48.246 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF141949.D
 Acq: 13 Mar 2025 19:11

Tgt Ion:149 Resp: 648052
 Ion Ratio Lower Upper
 149 100
 91 68.3 56.5 84.7
 206 22.2 17.3 25.9





#81

Benzo(a)anthracene

Concen: 50.227 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

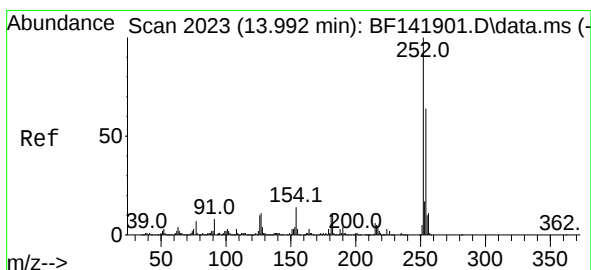
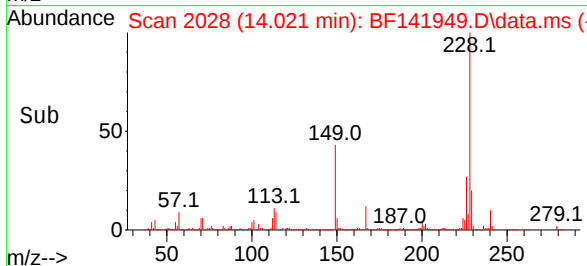
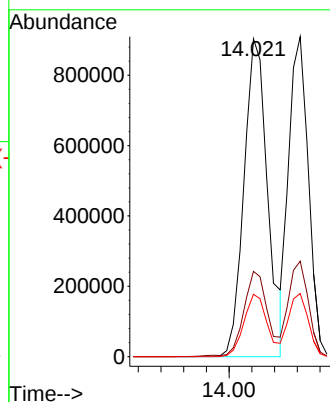
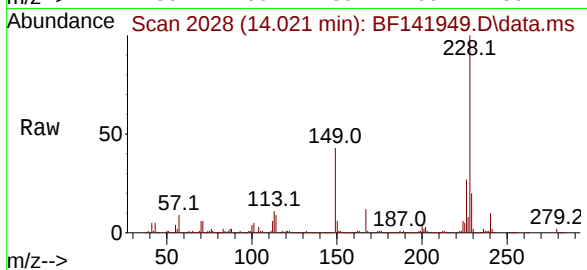
Tgt Ion:228 Resp: 1307635

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 32.640 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

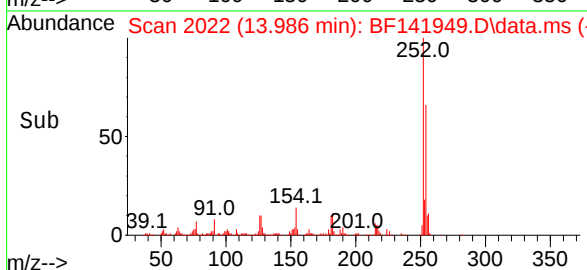
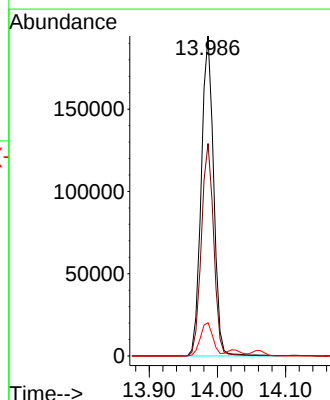
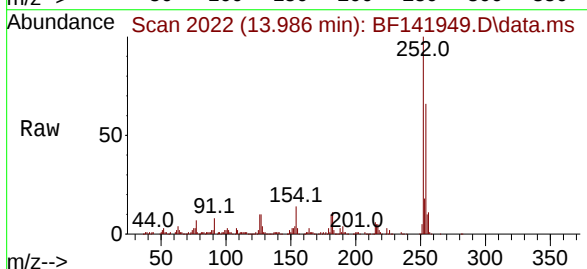
Tgt Ion:252 Resp: 245567

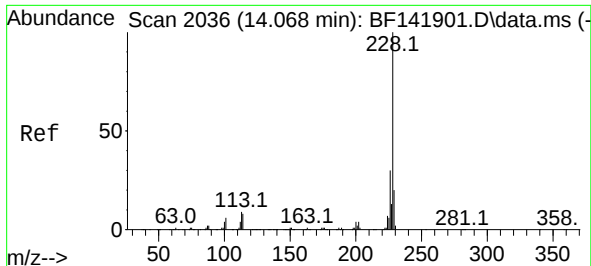
Ion Ratio Lower Upper

252 100

254 66.4 51.0 76.6

126 10.4 8.4 12.6





#83

Chrysene

Concen: 46.470 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

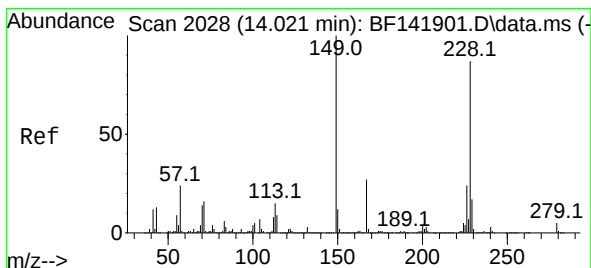
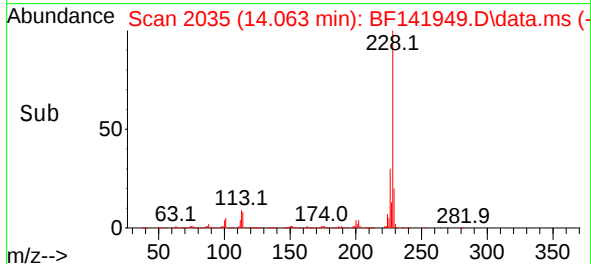
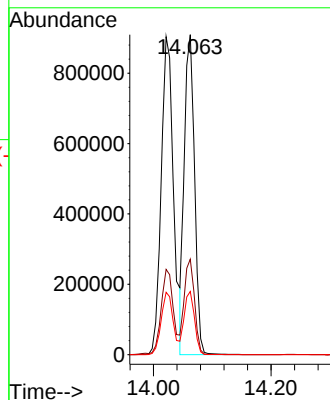
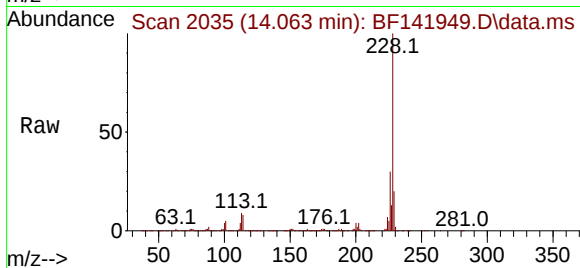
Tgt Ion:228 Resp: 1096645

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.173 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

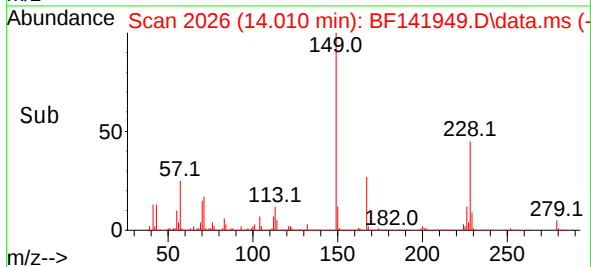
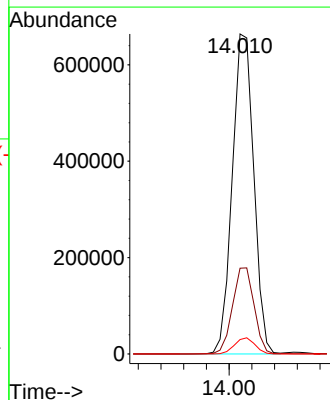
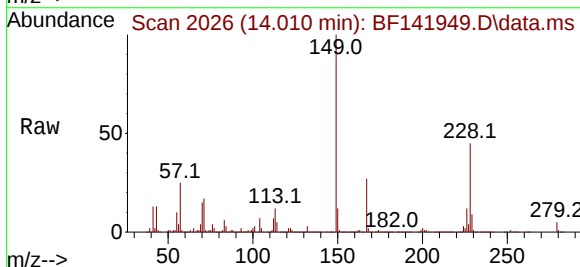
Tgt Ion:149 Resp: 873666

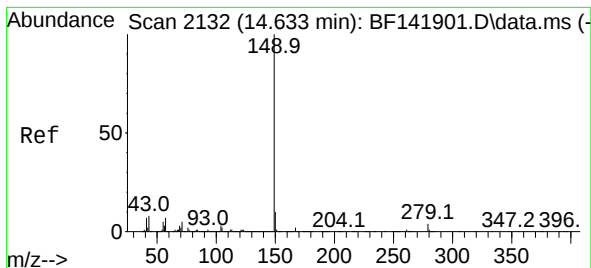
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.602 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

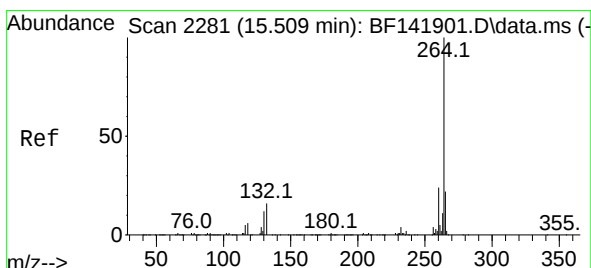
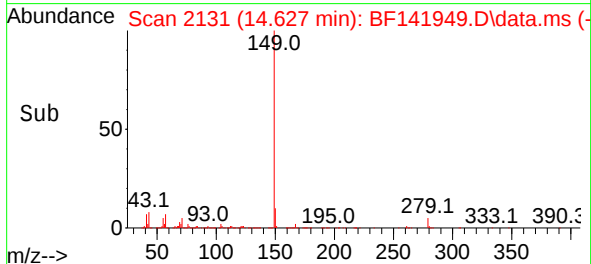
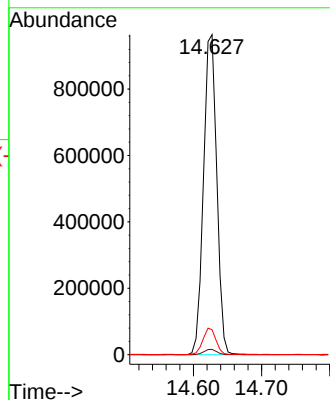
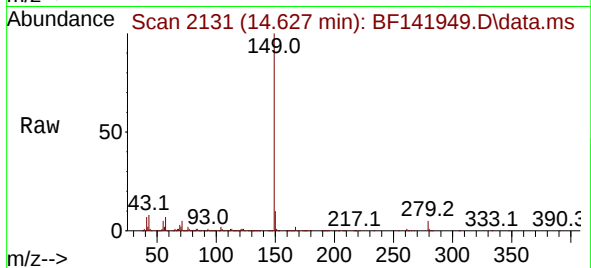
Tgt Ion:149 Resp: 1303961

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.1 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

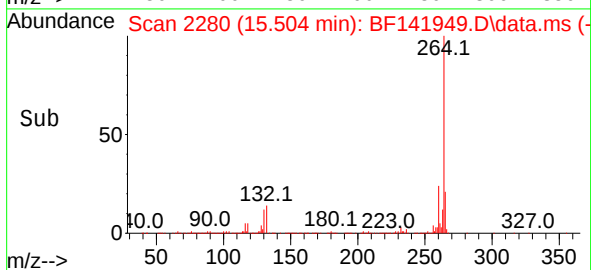
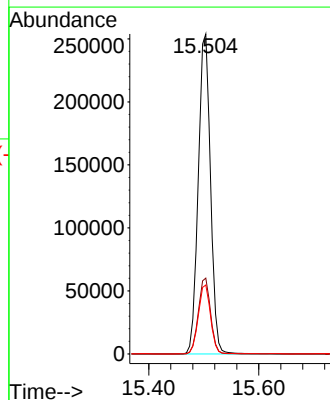
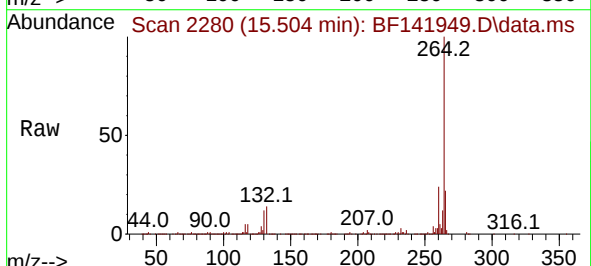
Tgt Ion:264 Resp: 392526

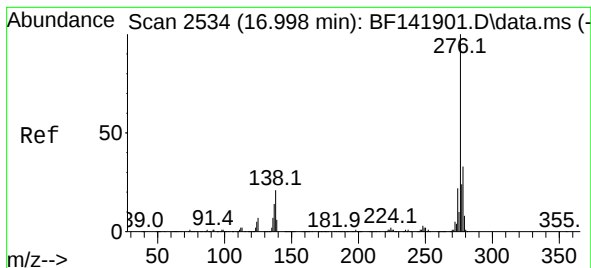
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.274 ng

RT: 16.992 min Scan# 2533

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

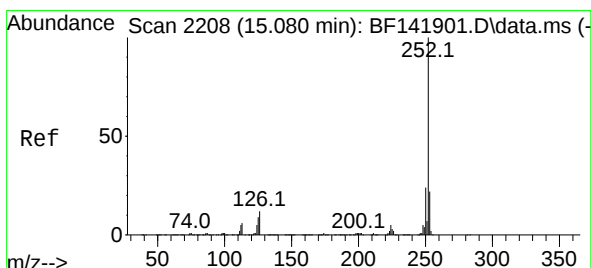
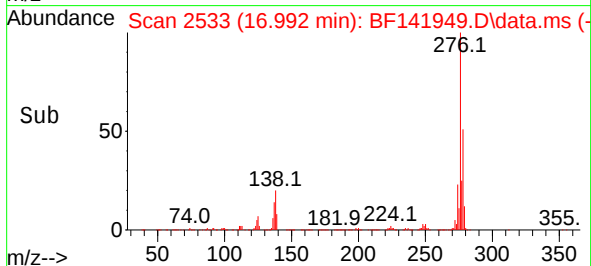
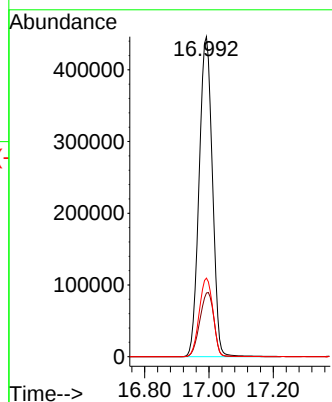
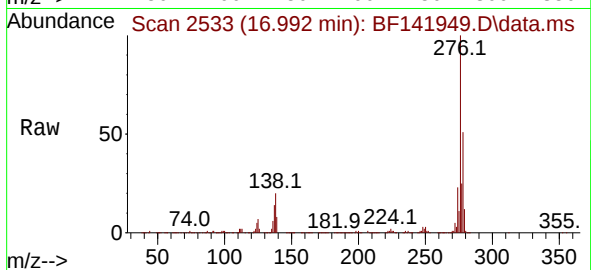
Tgt Ion:276 Resp: 1276550

Ion Ratio Lower Upper

276 100

138 21.3 18.4 27.6

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.594 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

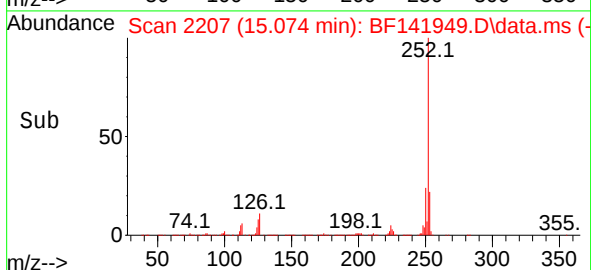
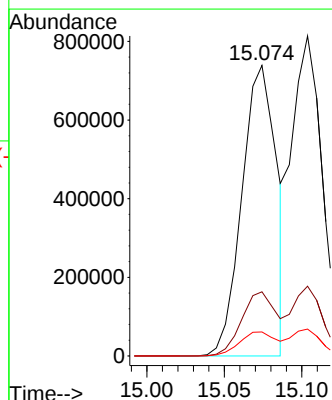
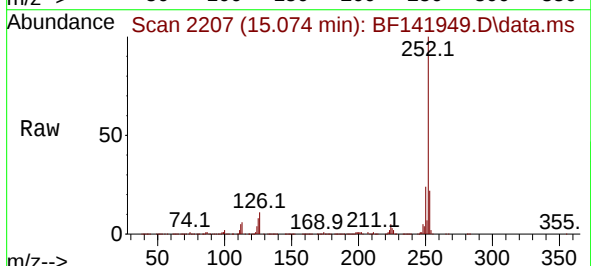
Tgt Ion:252 Resp: 1145873

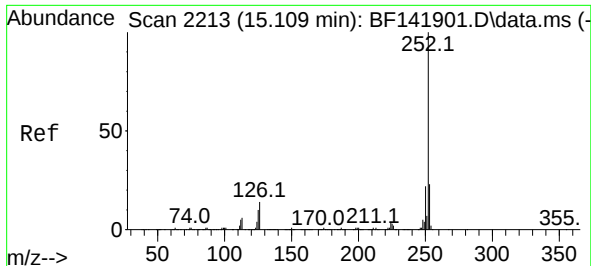
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 48.283 ng

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

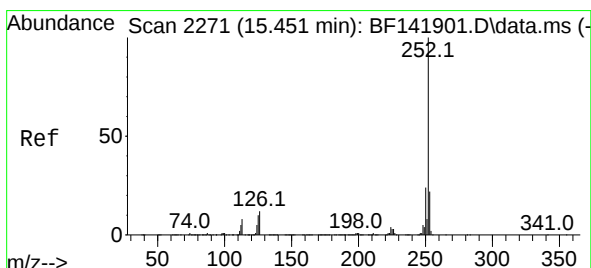
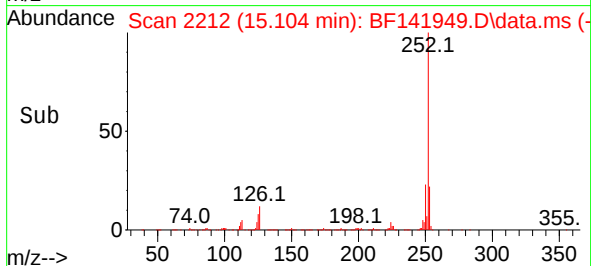
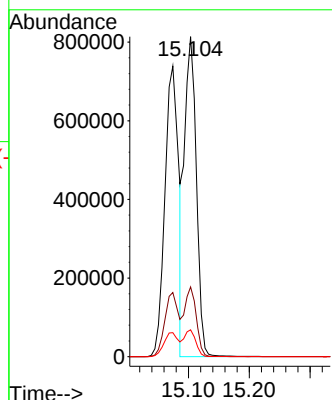
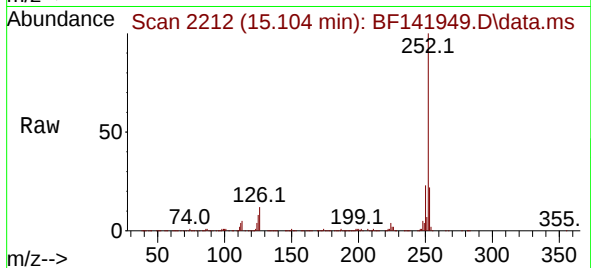
Tgt Ion:252 Resp: 1111581

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 51.002 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF141949.D

Acq: 13 Mar 2025 19:11

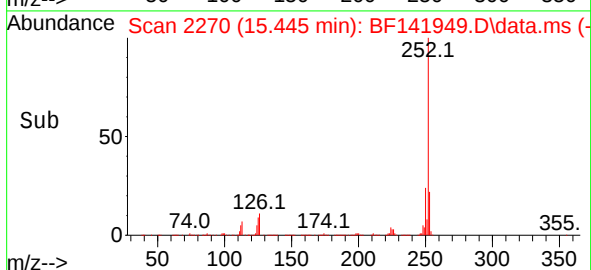
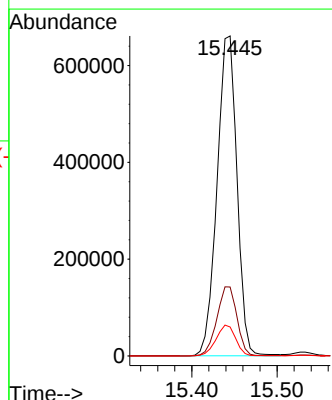
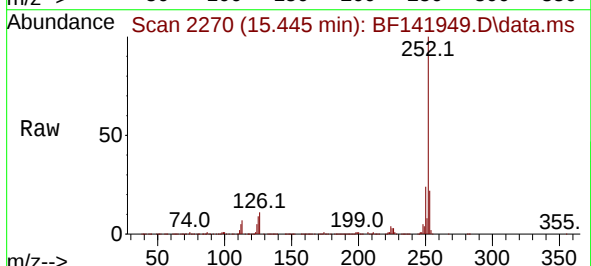
Tgt Ion:252 Resp: 1073590

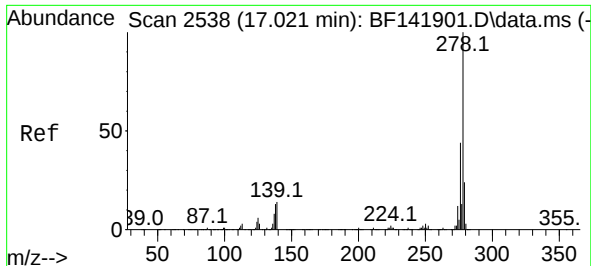
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.1 7.8 11.8

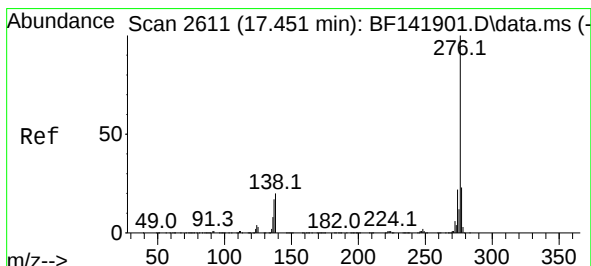
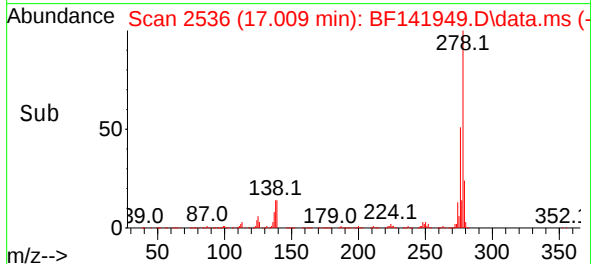
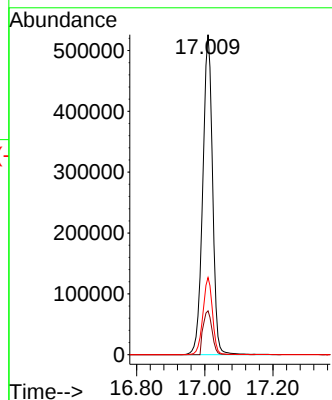
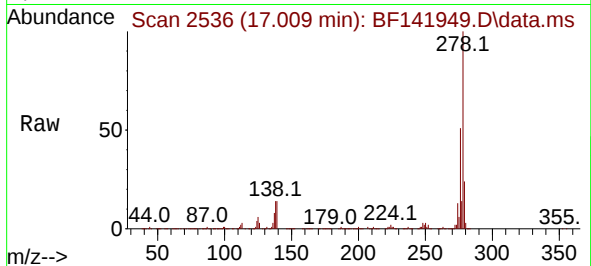




#91
 Dibenzo(a,h)anthracene
 Concen: 50.289 ng
 RT: 17.009 min Scan# 2100
 Delta R.T. -0.012 min
 Lab File: BF141949.D
 Acq: 13 Mar 2025 19:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01MS

Tgt Ion:278 Resp: 1053561
 Ion Ratio Lower Upper
 278 100
 139 13.7 11.4 17.2
 279 24.1 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 45.078 ng
 RT: 17.439 min Scan# 2609
 Delta R.T. -0.012 min
 Lab File: BF141949.D
 Acq: 13 Mar 2025 19:11

Tgt Ion:276 Resp: 933262
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.7 28.1
 138 18.6 15.8 23.8

