

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141950.D
 Acq On : 13 Mar 2025 19:41
 Operator : RC/JU
 Sample : Q1547-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 14 10:39:09 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	6.880	152	175350	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	712756	20.000	ng	0.00
39) Acenaphthene-d10	9.915	164	407160	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	669022	20.000	ng	0.00
76) Chrysene-d12	14.033	240	393645	20.000	ng	0.00
86) Perylene-d12	15.503	264	392373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1446792	137.704	ng	0.02
7) Phenol-d6	6.504	99	1710542	127.870	ng	0.00
23) Nitrobenzene-d5	7.439	82	1322549	104.422	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	875385	169.472	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2765850	103.309	ng	0.00
79) Terphenyl-d14	12.980	244	2899941	108.916	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	183432	41.668	ng	# 83
3) Pyridine	3.604	79	417969	38.706	ng	99
4) n-Nitrosodimethylamine	3.539	42	226134	43.931	ng	98
6) Aniline	6.545	93	402743	30.519	ng	99
8) 2-Chlorophenol	6.663	128	555900	47.706	ng	99
9) Benzaldehyde	6.427	77	104110	13.916	ng	99
10) Phenol	6.522	94	582229	41.372	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	492250	46.582	ng	99
12) 1,3-Dichlorobenzene	6.822	146	558551	44.399	ng	99
13) 1,4-Dichlorobenzene	6.898	146	564147	44.322	ng	99
14) 1,2-Dichlorobenzene	7.045	146	552355	46.072	ng	99
15) Benzyl Alcohol	7.016	79	522083	48.275	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	553096	43.354	ng	98
17) 2-Methylphenol	7.127	107	449053	48.468	ng	99
18) Hexachloroethane	7.392	117	212131	44.443	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	396902	46.175	ng	99
20) 3+4-Methylphenols	7.280	107	561801	47.340	ng	# 85
22) Acetophenone	7.286	105	864257	50.634	ng	97
24) Nitrobenzene	7.463	77	591196	46.954	ng	98
25) Isophorone	7.698	82	1104625	49.340	ng	100
26) 2-Nitrophenol	7.774	139	299071	48.396	ng	98
27) 2,4-Dimethylphenol	7.804	122	498454	58.579	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	650023	46.291	ng	99
29) 2,4-Dichlorophenol	8.016	162	504531	47.770	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	526553	45.239	ng	100
31) Naphthalene	8.180	128	1648227	45.017	ng	100
32) Benzoic acid	7.922	122	290856	38.886	ng	100
33) 4-Chloroaniline	8.221	127	205366	15.889	ng	99
34) Hexachlorobutadiene	8.298	225	348632	45.929	ng	99
35) Caprolactam	8.598	113	83333	25.880	ng	94
36) 4-Chloro-3-methylphenol	8.704	107	559841	47.518	ng	99
37) 2-Methylnaphthalene	8.868	142	1102939	45.068	ng	100
38) 1-Methylnaphthalene	8.968	142	1080637	45.759	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	655483	52.877	ng	99
41) Hexachlorocyclopentadiene	9.021	237	715235	147.427	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	410537	50.674	ng	100

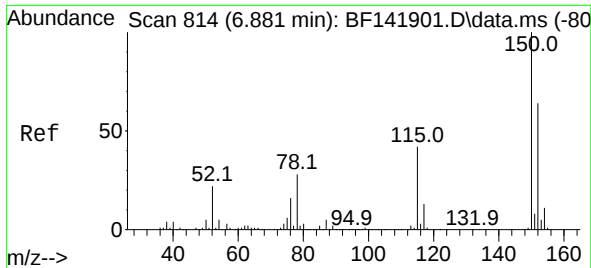
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141950.D
 Acq On : 13 Mar 2025 19:41
 Operator : RC/JU
 Sample : Q1547-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 14 10:39:09 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

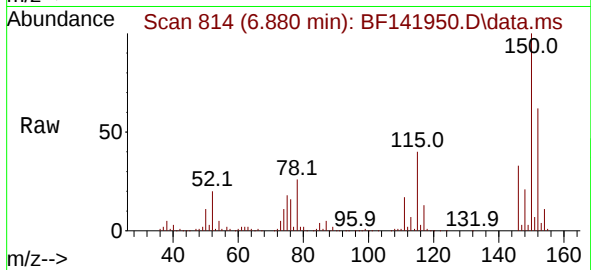
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	402960	49.110	ng	99
46) 1,1'-Biphenyl	9.333	154	1623043	52.463	ng	100
47) 2-Chloronaphthalene	9.363	162	1113390	48.285	ng	99
48) 2-Nitroaniline	9.451	65	333109	49.893	ng	98
49) Acenaphthylene	9.774	152	1728687	50.520	ng	100
50) Dimethylphthalate	9.639	163	1429848	50.148	ng	100
51) 2,6-Dinitrotoluene	9.698	165	298612	50.301	ng	95
52) Acenaphthene	9.951	154	1229563	51.132	ng	99
53) 3-Nitroaniline	9.863	138	169007	28.066	ng	98
54) 2,4-Dinitrophenol	9.968	184	247213	73.843	ng	# 53
55) Dibenzofuran	10.121	168	1571208	45.728	ng	99
56) 4-Nitrophenol	10.021	139	422651	93.069	ng	99
57) 2,4-Dinitrotoluene	10.104	165	402598	51.923	ng	99
58) Fluorene	10.463	166	1261527	47.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	358155	47.968	ng	99
60) Diethylphthalate	10.339	149	1355671	47.684	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	670582	48.542	ng	99
62) 4-Nitroaniline	10.480	138	276737	47.204	ng	99
63) Azobenzene	10.615	77	1187884	44.941	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	180059	45.146	ng	96
66) n-Nitrosodiphenylamine	10.574	169	1102710	50.934	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	432435	51.467	ng	97
68) Hexachlorobenzene	11.010	284	487734	52.927	ng	95
69) Atrazine	11.098	200	437156	65.867	ng	99
70) Pentachlorophenol	11.204	266	546996	96.340	ng	100
71) Phenanthrene	11.427	178	1788496	49.493	ng	99
72) Anthracene	11.474	178	1824118	50.315	ng	100
73) Carbazole	11.627	167	1501614	48.027	ng	100
74) Di-n-butylphthalate	11.957	149	1981839	47.771	ng	100
75) Fluoranthene	12.609	202	1707232	44.538	ng	99
77) Benzidine	12.727	184	424648	77.320	ng	100
78) Pyrene	12.839	202	1670794	49.068	ng	100
80) Butylbenzylphthalate	13.456	149	653775	49.054	ng	98
81) Benzo(a)anthracene	14.021	228	1346905	52.143	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	262573	35.175	ng	98
83) Chrysene	14.062	228	1151991	49.199	ng	100
84) Bis(2-ethylhexyl)phtha...	14.009	149	894345	48.670	ng	100
85) Di-n-octyl phthalate	14.627	149	1343945	52.563	ng	99
87) Indeno(1,2,3-cd)pyrene	16.991	276	1280525	50.450	ng	99
88) Benzo(b)fluoranthene	15.074	252	1190786	44.281	ng	100
89) Benzo(k)fluoranthene	15.103	252	1154032	50.147	ng	99
90) Benzo(a)pyrene	15.445	252	1119459	53.202	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	1060554	50.642	ng	99
92) Benzo(g,h,i)perylene	17.439	276	937412	45.296	ng	99

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

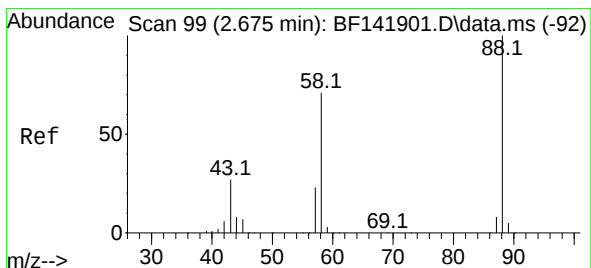
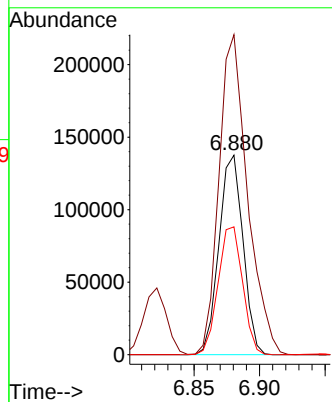
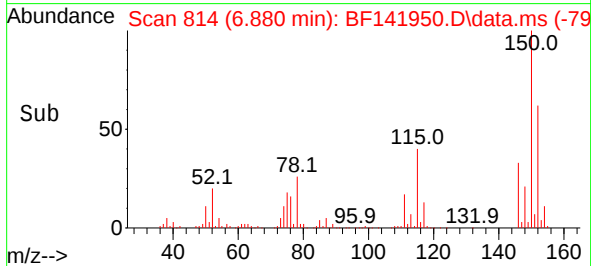


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.880 min Scan# 814
Delta R.T. -0.001 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

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

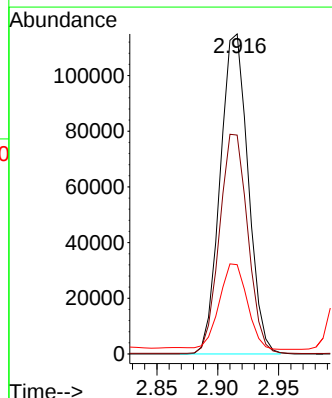
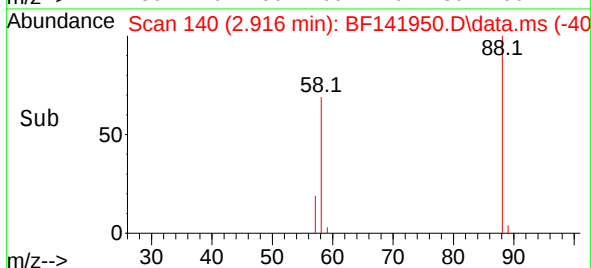
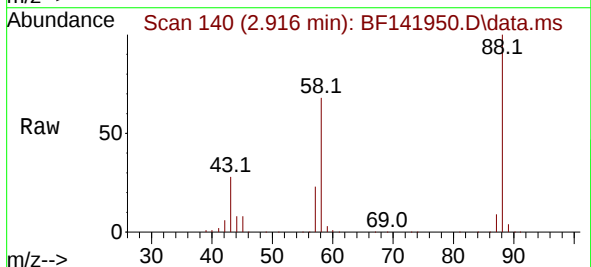


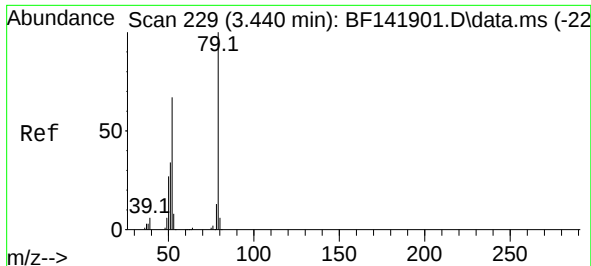
Tgt Ion:152 Resp: 175350
Ion Ratio Lower Upper
152 100
150 160.4 127.4 191.2
115 64.1 51.9 77.9



#2
1,4-Dioxane
Concen: 41.668 ng
RT: 2.916 min Scan# 140
Delta R.T. 0.241 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion: 88 Resp: 183432
Ion Ratio Lower Upper
88 100
58 69.1 57.4 86.2
43 0.0 21.5 32.3#





#3

Pyridine

Concen: 38.706 ng

RT: 3.604 min Scan# 246

Delta R.T. 0.164 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

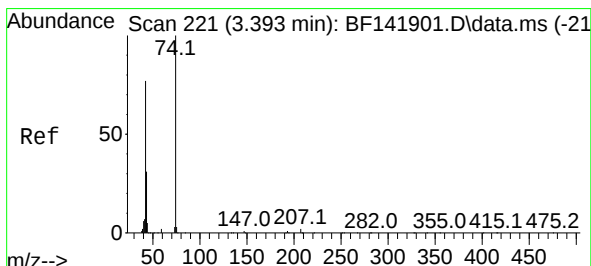
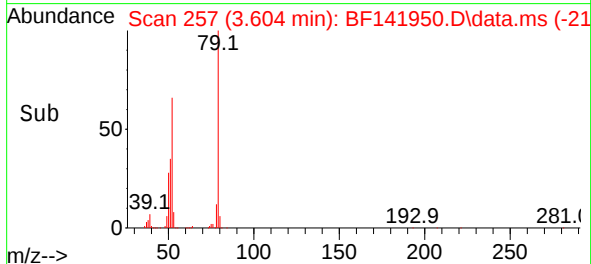
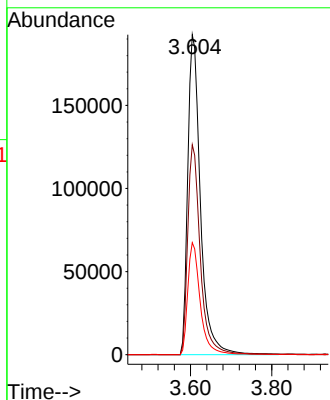
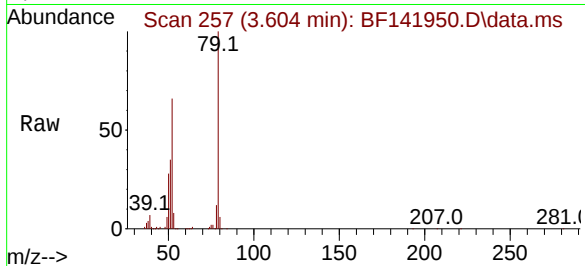
Tgt Ion: 79 Resp: 417969

Ion Ratio Lower Upper

79 100

52 65.6 53.3 79.9

51 35.0 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 43.931 ng

RT: 3.539 min Scan# 246

Delta R.T. 0.147 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

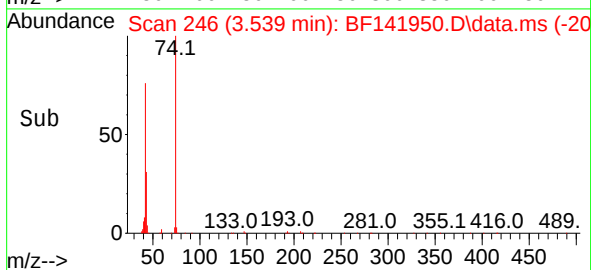
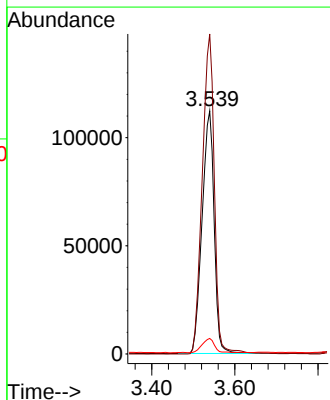
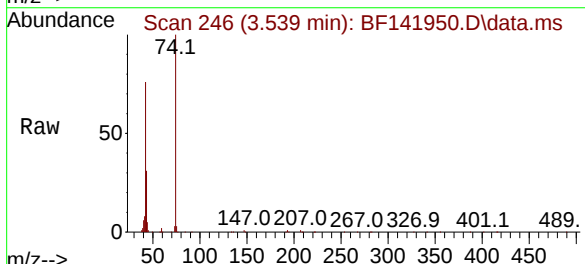
Tgt Ion: 42 Resp: 226134

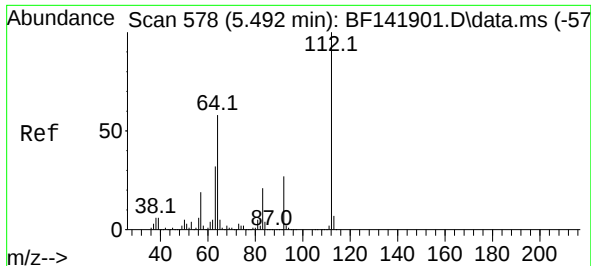
Ion Ratio Lower Upper

42 100

74 131.7 103.4 155.0

44 6.4 5.0 7.4

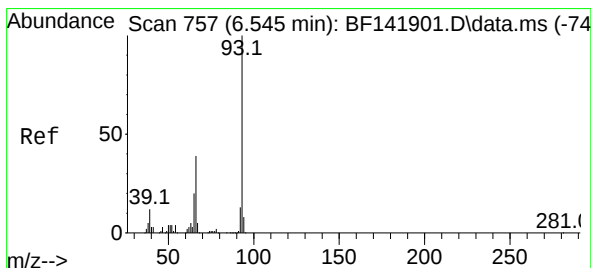
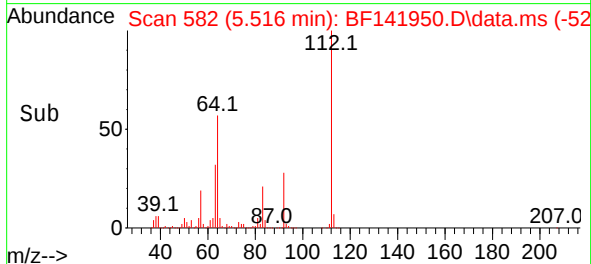
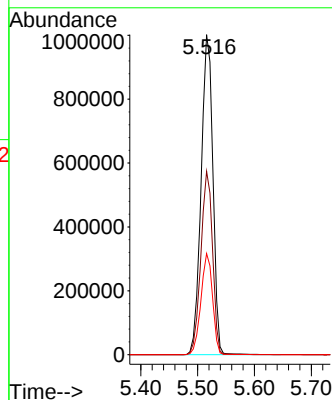
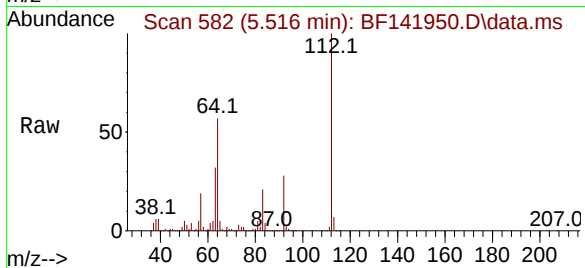




#5
2-Fluorophenol
Concen: 137.704 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

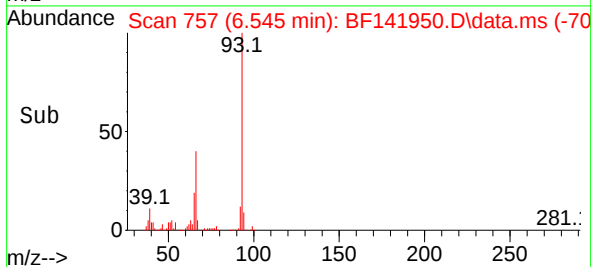
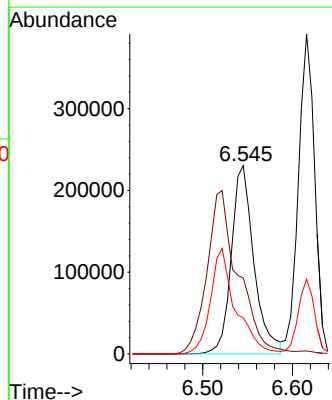
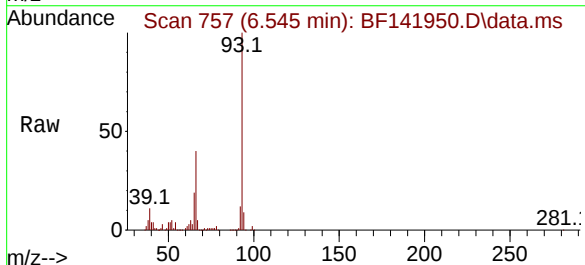
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

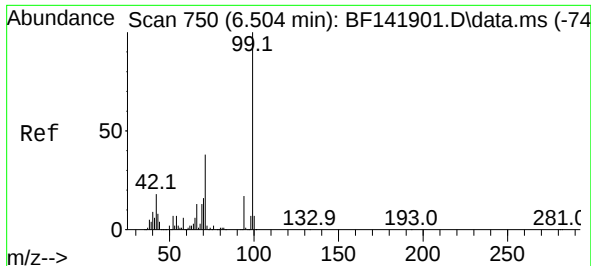
Tgt Ion:112 Resp: 1446792
Ion Ratio Lower Upper
112 100
64 57.3 46.5 69.7
63 31.6 25.4 38.2



#6
Aniline
Concen: 30.519 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion: 93 Resp: 402743
Ion Ratio Lower Upper
93 100
66 40.3 31.9 47.9
65 19.3 15.8 23.6

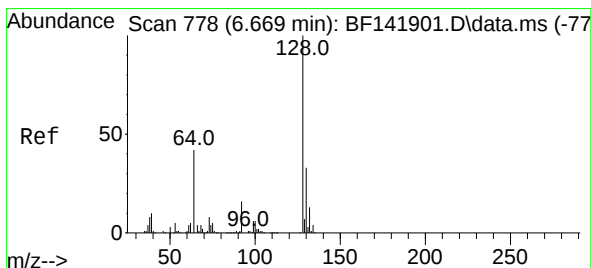
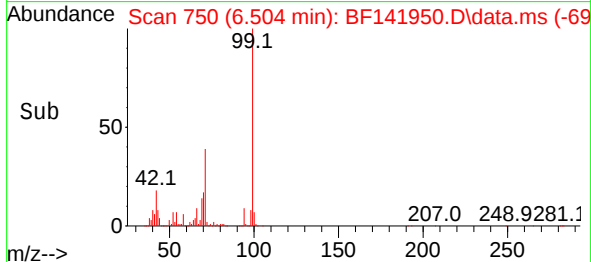
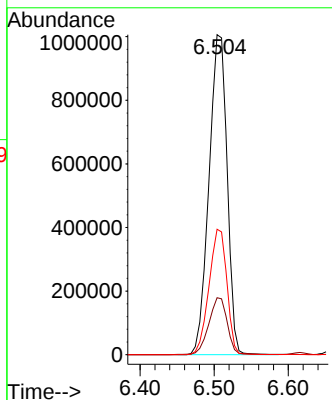
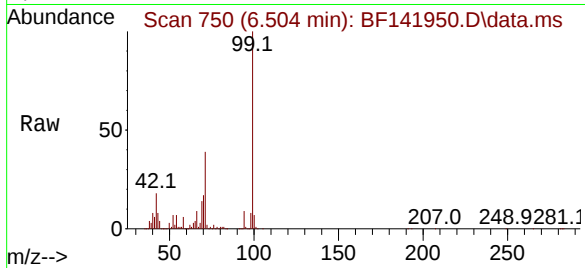




#7
Phenol-d6
Concen: 127.870 ng
RT: 6.504 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

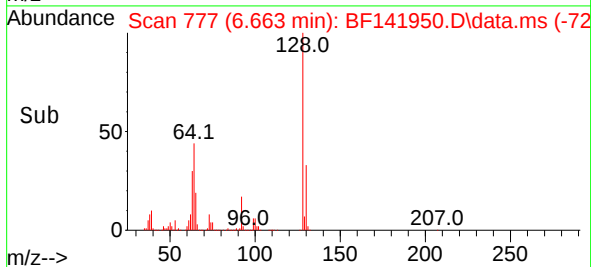
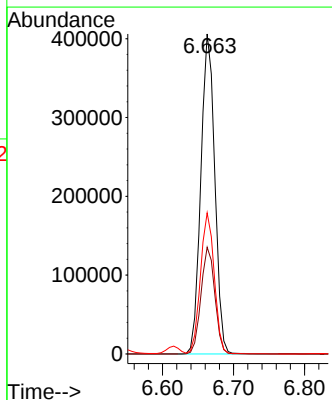
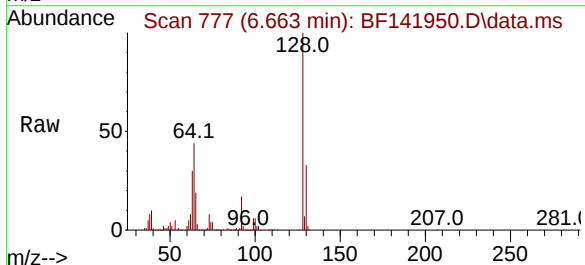
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

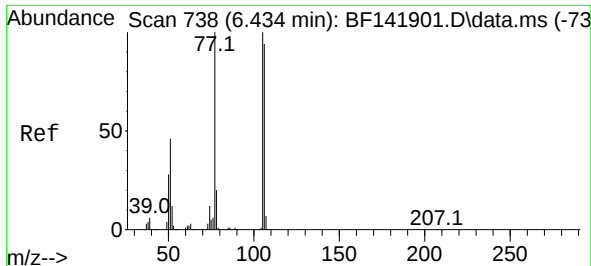
Tgt Ion: 99 Resp: 1710542
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 39.2 30.8 46.2



#8
2-Chlorophenol
Concen: 47.706 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:128 Resp: 555900
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 44.1 24.4 64.4

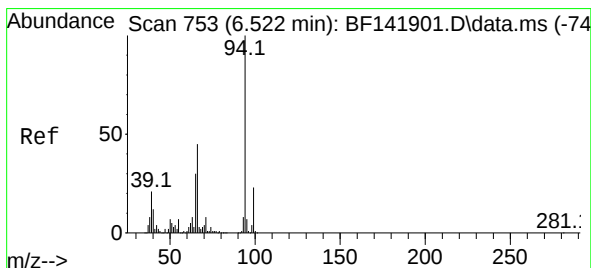
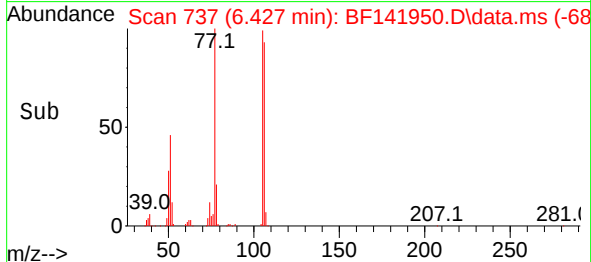
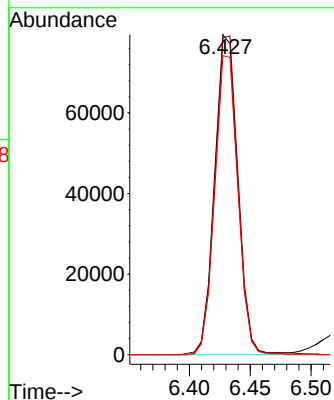
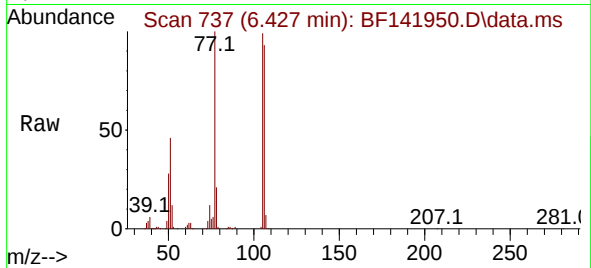




#9
Benzaldehyde
Concen: 13.916 ng
RT: 6.427 min Scan# 737
Delta R.T. -0.007 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

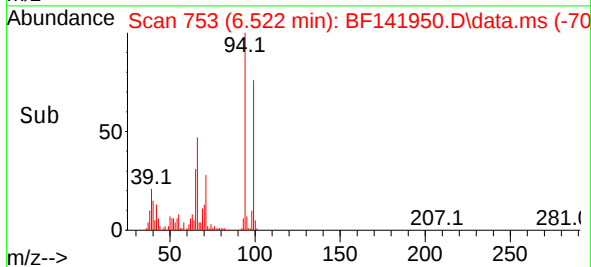
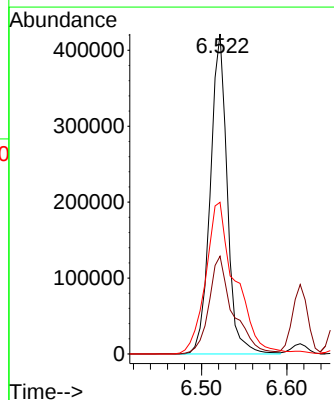
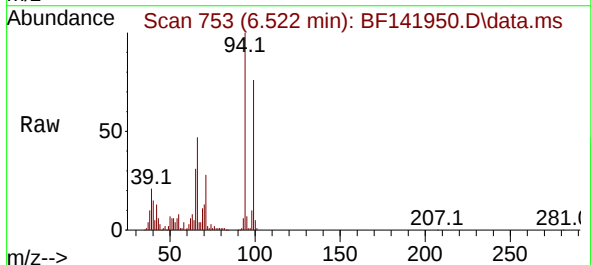
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

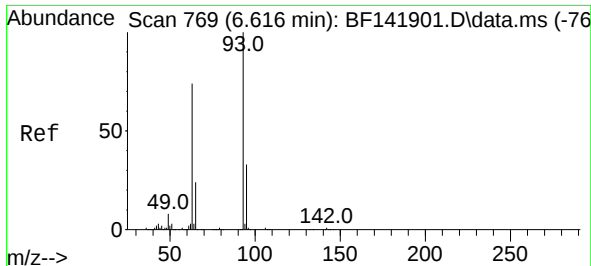
Tgt Ion: 77 Resp: 104110
Ion Ratio Lower Upper
77 100
105 99.1 80.0 120.0
106 93.5 74.5 114.5



#10
Phenol
Concen: 41.372 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion: 94 Resp: 582229
Ion Ratio Lower Upper
94 100
65 30.6 10.5 50.5
66 47.4 25.8 65.8

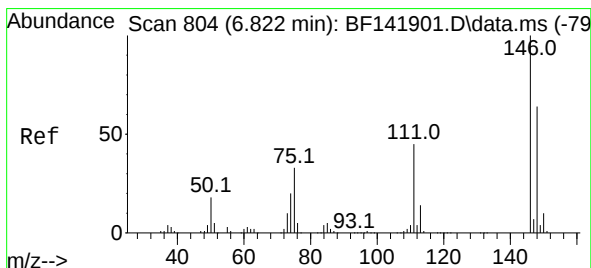
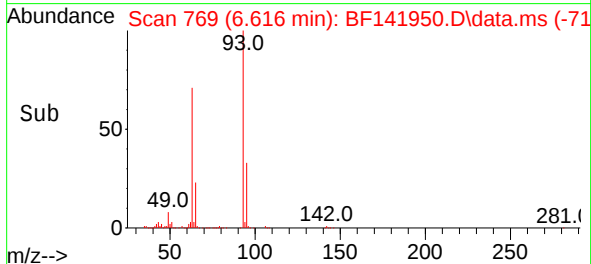
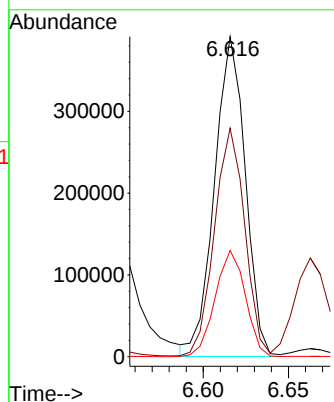
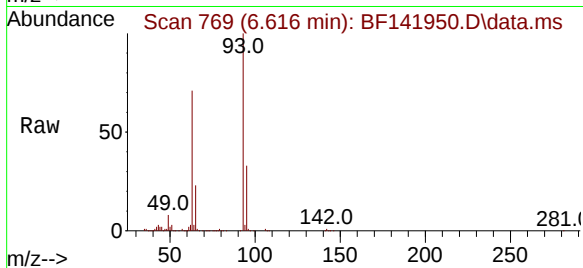




#11
bis(2-Chloroethyl)ether
Concen: 46.582 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

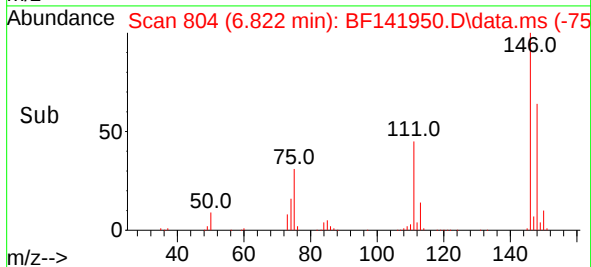
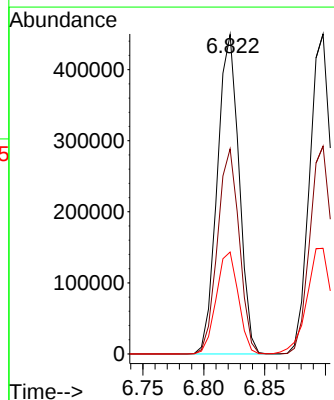
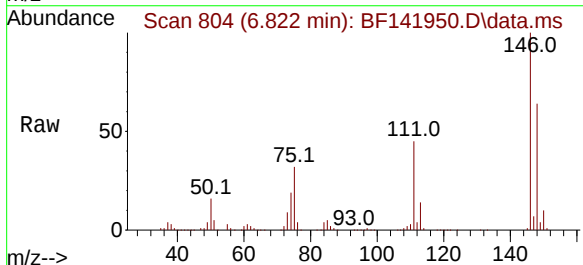
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

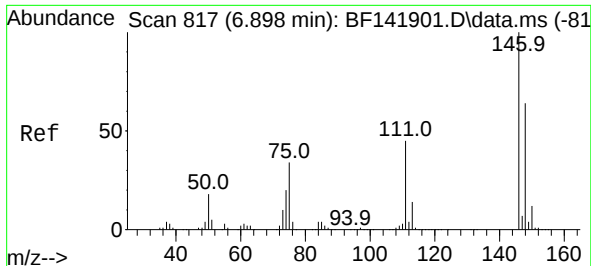
Tgt Ion: 93 Resp: 492250
Ion Ratio Lower Upper
93 100
63 71.4 53.0 93.0
95 33.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.399 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:146 Resp: 558551
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 31.9 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 44.322 ng

RT: 6.898 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

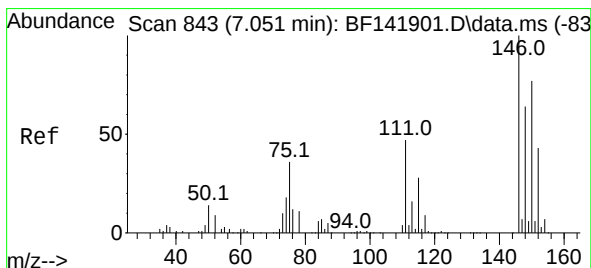
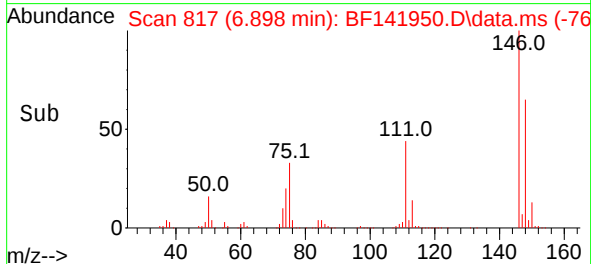
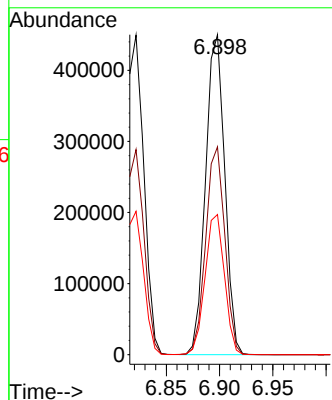
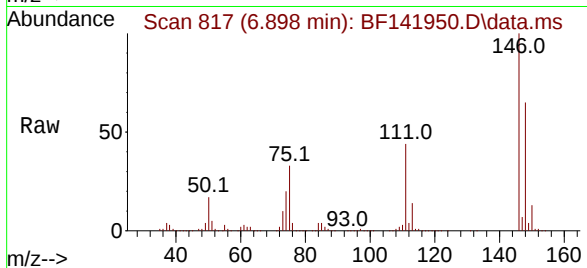
Tgt Ion:146 Resp: 564147

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

111 43.8 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 46.072 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

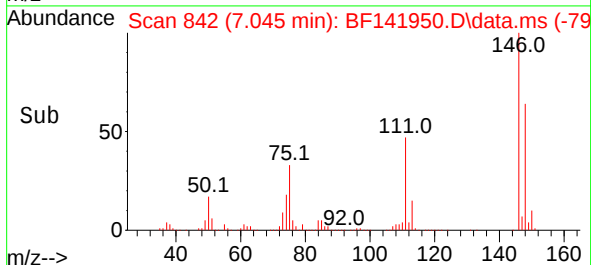
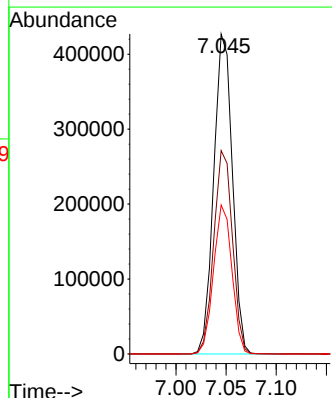
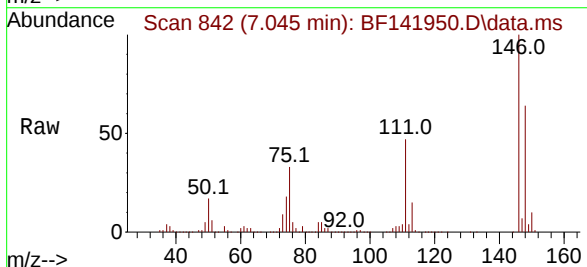
Tgt Ion:146 Resp: 552355

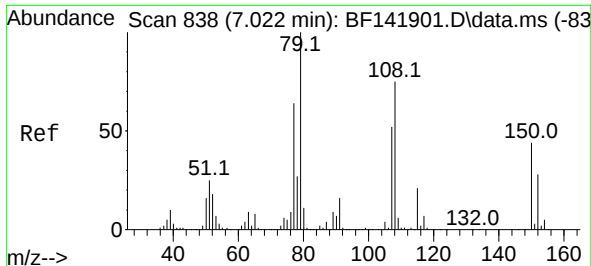
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 46.5 38.0 57.0





#15

Benzyl Alcohol

Concen: 48.275 ng

RT: 7.016 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

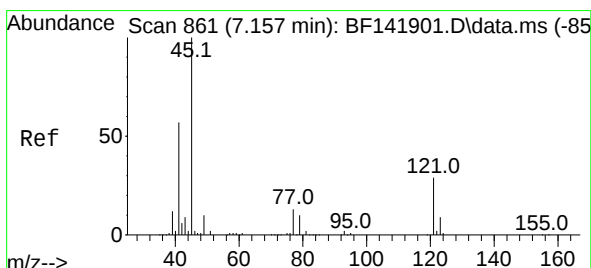
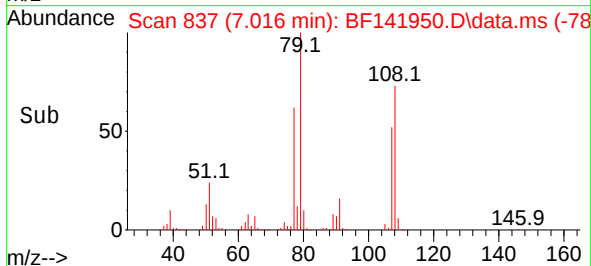
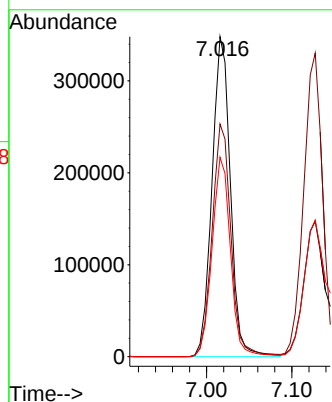
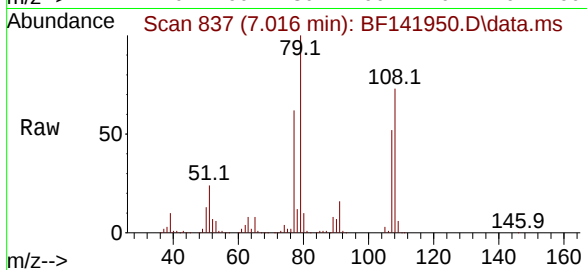
Tgt Ion: 79 Resp: 522083

Ion Ratio Lower Upper

79 100

108 72.7 59.7 89.5

77 62.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.354 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

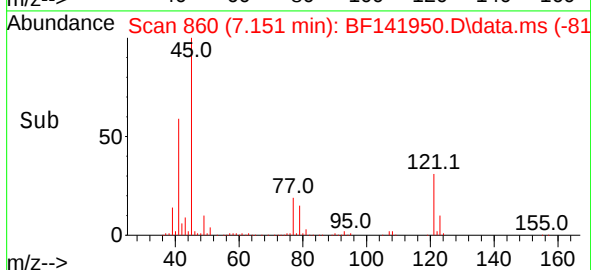
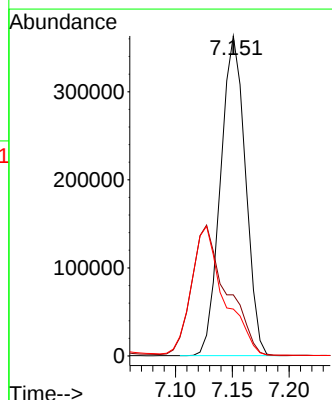
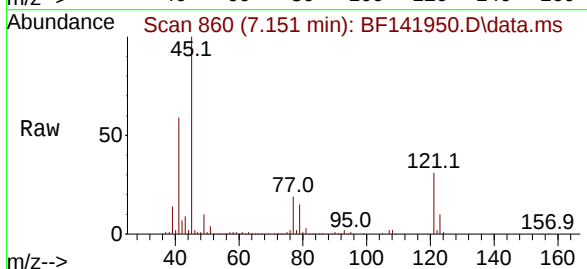
Tgt Ion: 45 Resp: 553096

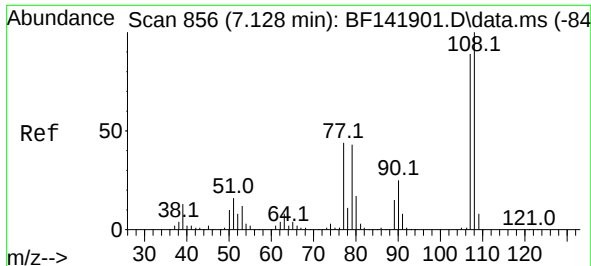
Ion Ratio Lower Upper

45 100

77 19.1 0.0 37.8

79 14.7 0.0 34.2

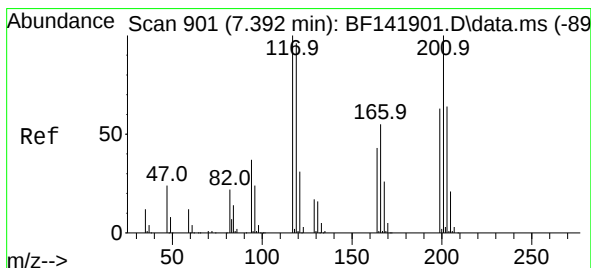
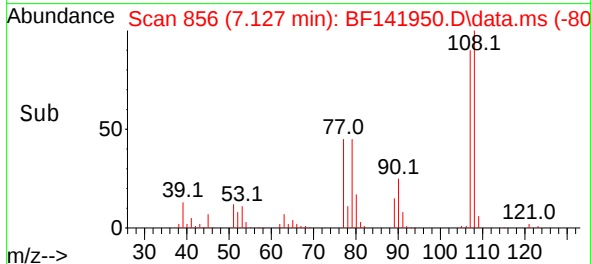
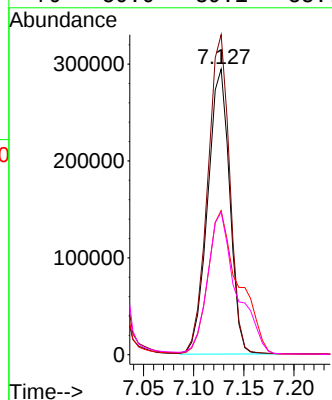
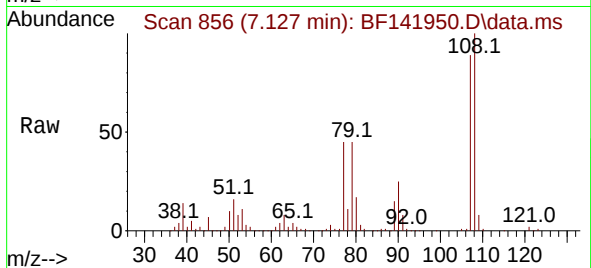




#17
2-Methylphenol
Concen: 48.468 ng
RT: 7.127 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

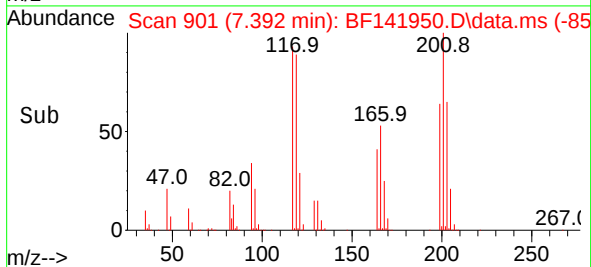
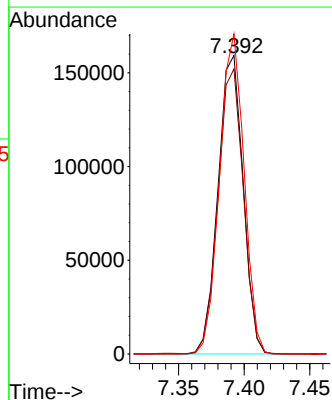
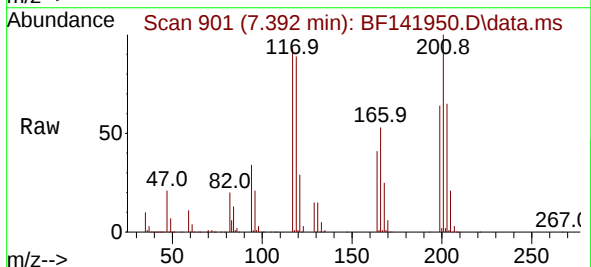
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

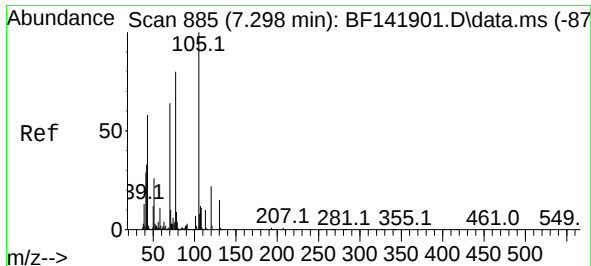
Tgt Ion:	107	Resp:	449053
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.2	135.2
77	50.4	39.6	59.4
79	50.0	39.1	58.7



#18
Hexachloroethane
Concen: 44.443 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:	117	Resp:	212131
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
201	107.2	79.9	119.9





#19

n-Nitroso-di-n-propylamine

Concen: 46.175 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

Tgt Ion: 70 Resp: 396902

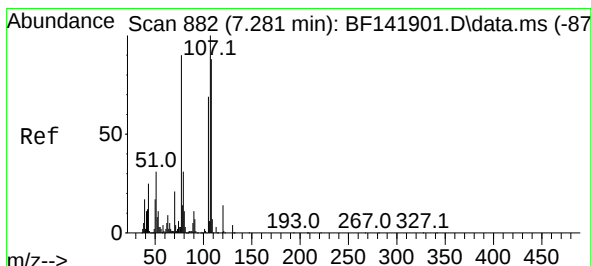
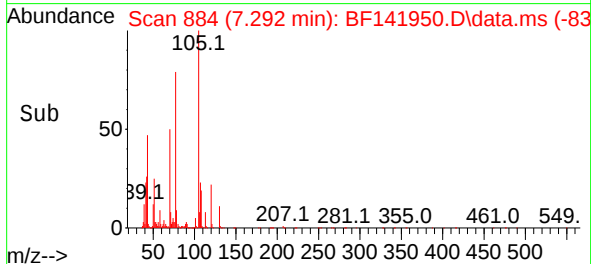
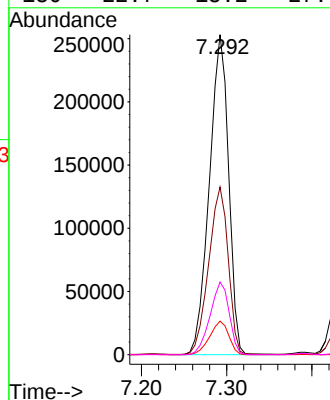
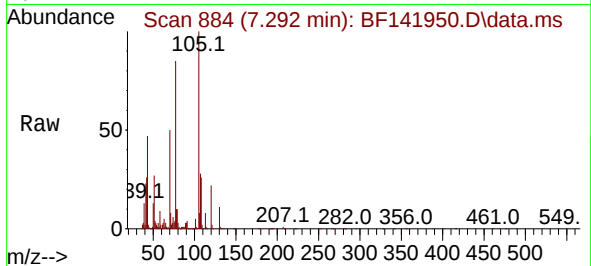
Ion Ratio Lower Upper

70 100

42 52.4 41.4 62.0

101 10.5 8.2 12.2

130 22.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 47.340 ng

RT: 7.280 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Tgt Ion:107 Resp: 561801

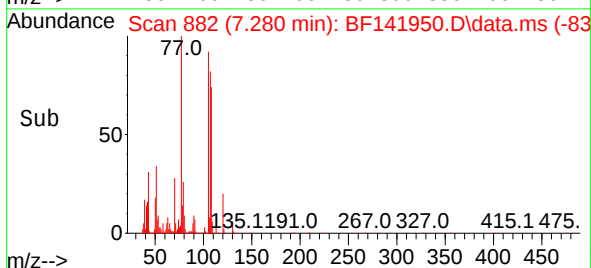
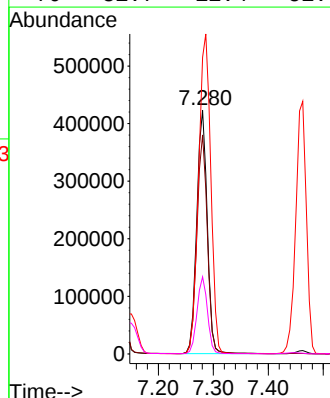
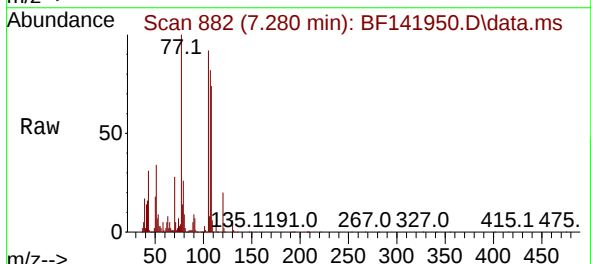
Ion Ratio Lower Upper

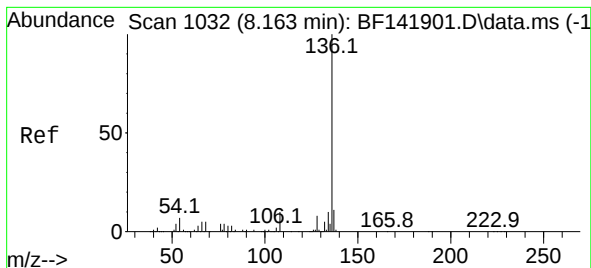
107 100

108 90.0 68.4 108.4

77 121.8 69.7 109.7#

79 31.7 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: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

Tgt Ion:136 Resp: 712756

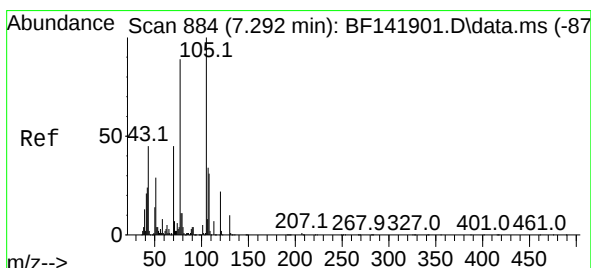
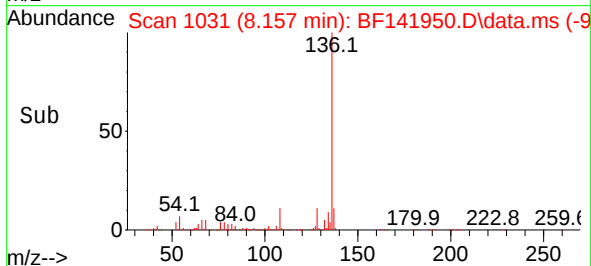
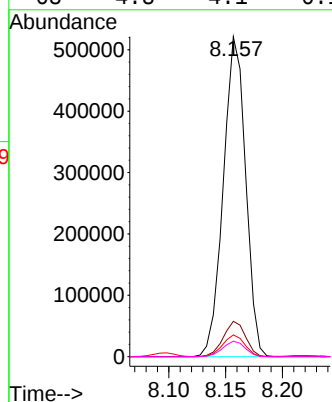
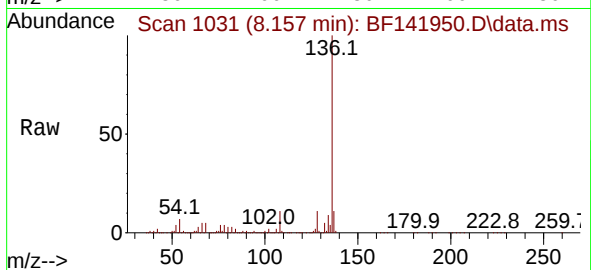
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.8 5.8 8.8

68 4.8 4.1 6.1



#22

Acetophenone

Concen: 50.634 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Tgt Ion:105 Resp: 864257

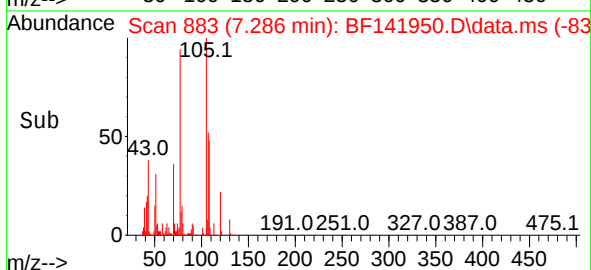
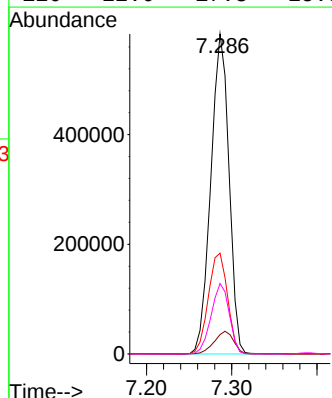
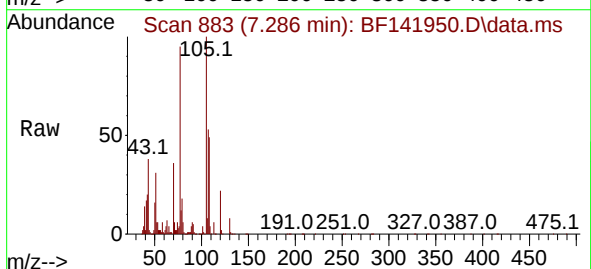
Ion Ratio Lower Upper

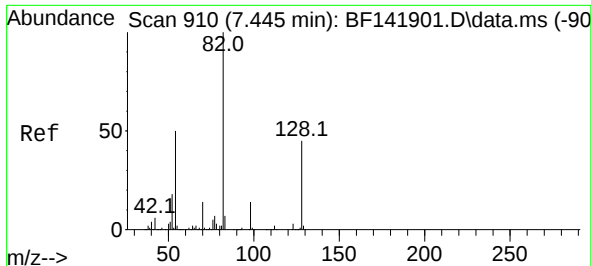
105 100

71 6.1 5.8 8.8

51 31.5 23.4 35.0

120 22.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 104.422 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

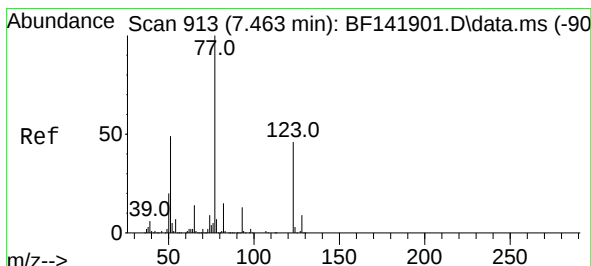
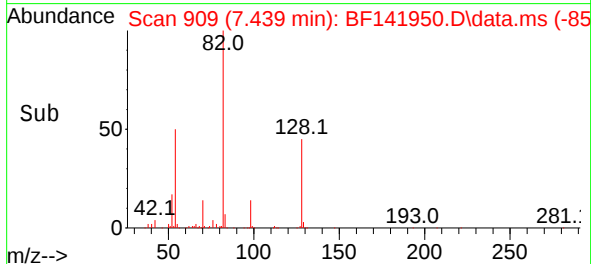
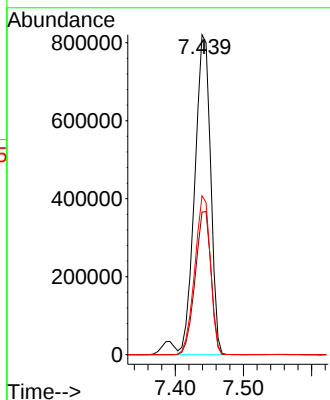
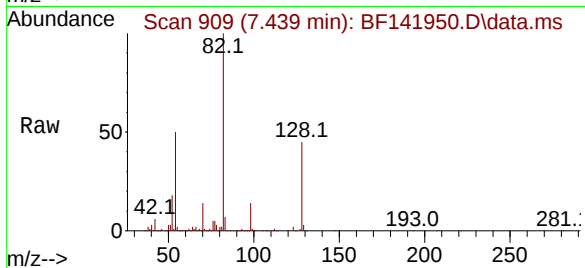
BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

Tgt Ion: 82 Resp: 1322549

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.0	54.0
54	49.7	39.6	59.4



#24

Nitrobenzene

Concen: 46.954 ng

RT: 7.463 min Scan# 913

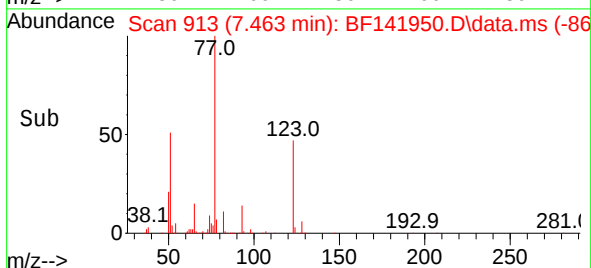
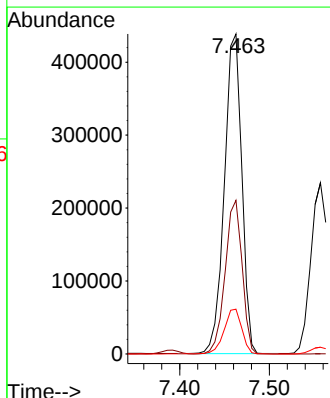
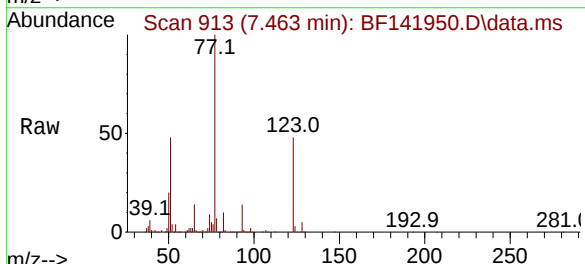
Delta R.T. -0.000 min

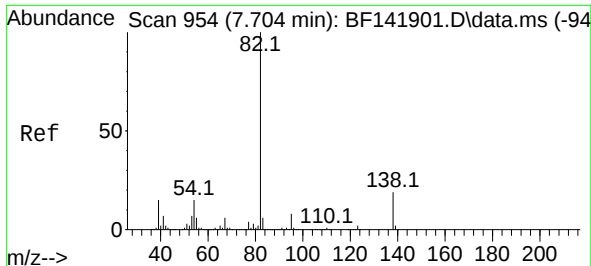
Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Tgt Ion: 77 Resp: 591196

Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.0	55.4
65	14.0	11.3	16.9

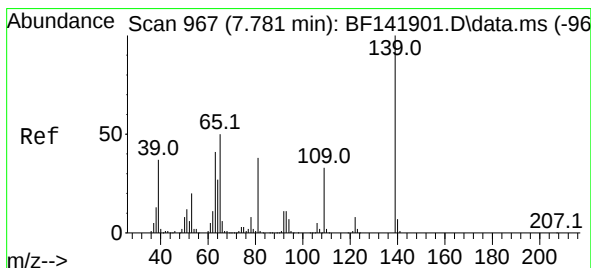
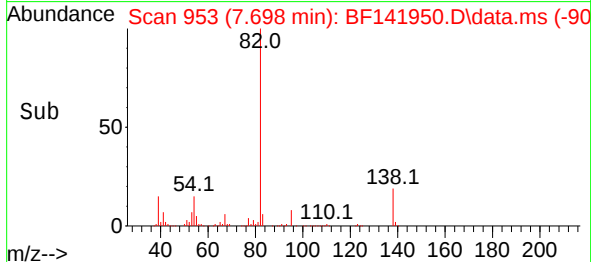
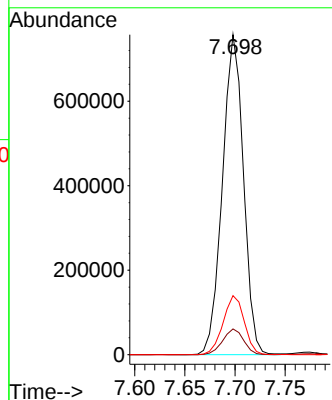
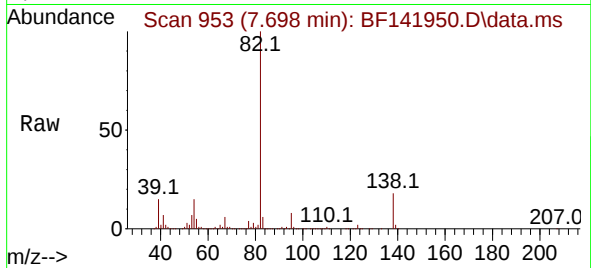




#25
Isophorone
Concen: 49.340 ng
RT: 7.698 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

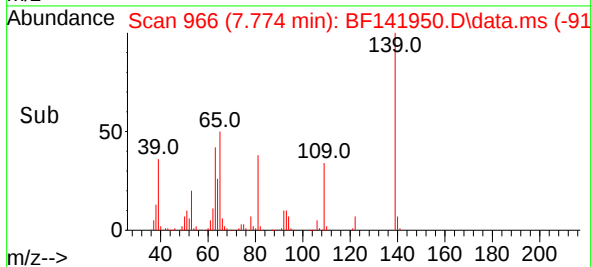
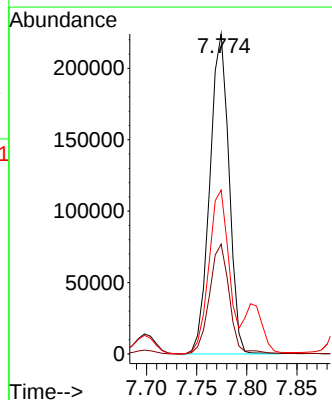
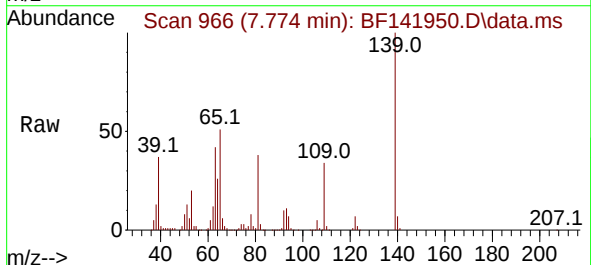
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

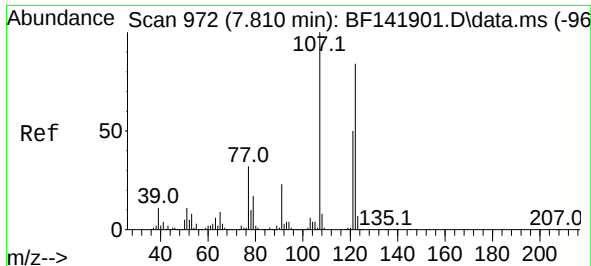
Tgt Ion: 82 Resp: 1104625
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 48.396 ng
RT: 7.774 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

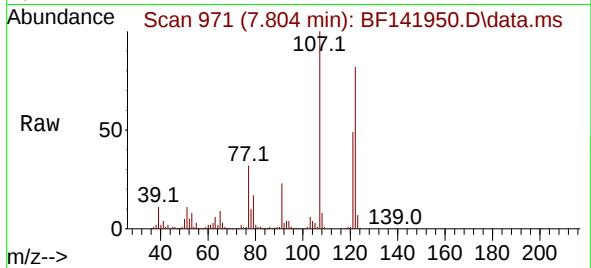
Tgt Ion:139 Resp: 299071
Ion Ratio Lower Upper
139 100
109 34.3 26.5 39.7
65 51.2 40.3 60.5



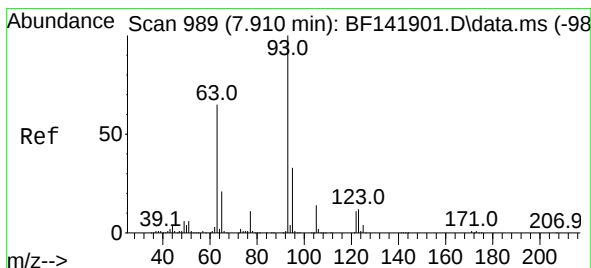
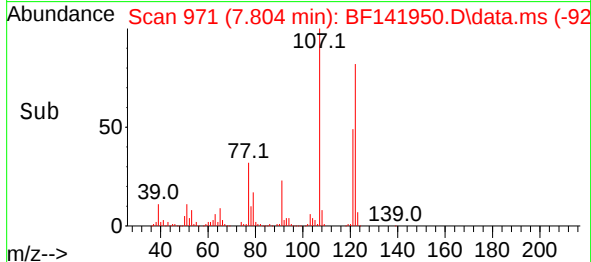
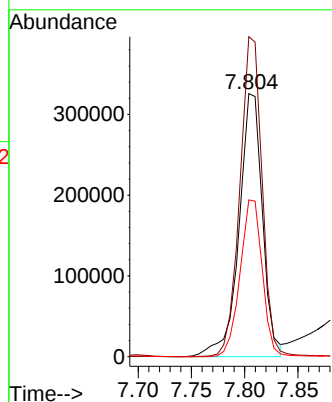


#27
2,4-Dimethylphenol
Concen: 58.579 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

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

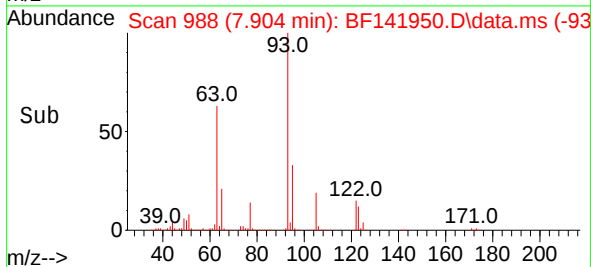
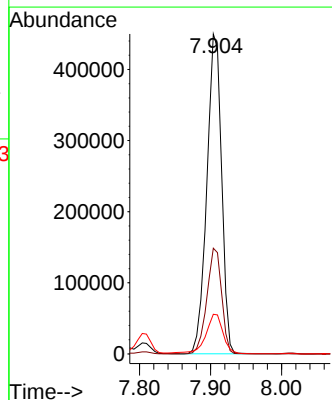
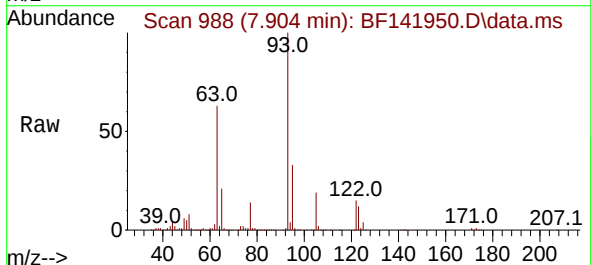


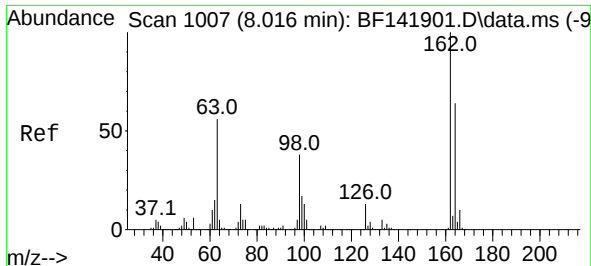
Tgt Ion:122 Resp: 498454
Ion Ratio Lower Upper
122 100
107 121.7 94.8 142.2
121 59.6 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.291 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion: 93 Resp: 650023
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 12.4 10.2 15.4

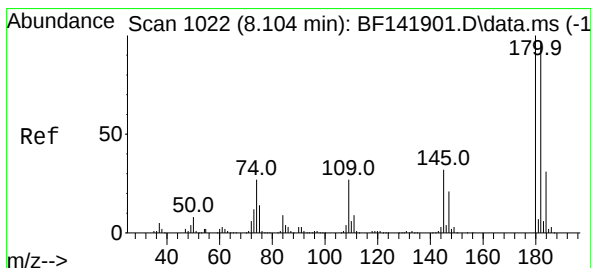
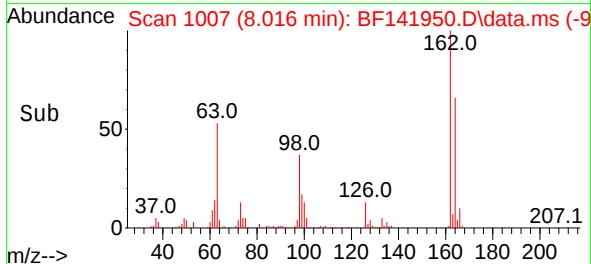
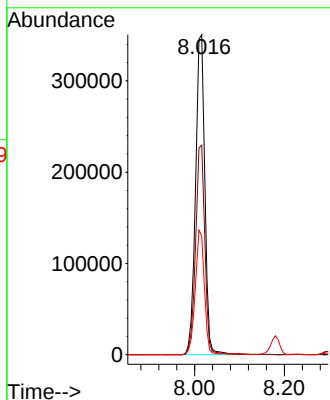
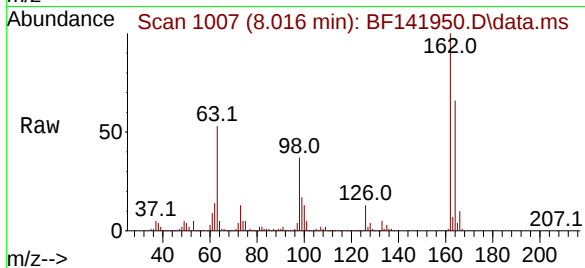




#29
2,4-Dichlorophenol
Concen: 47.770 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

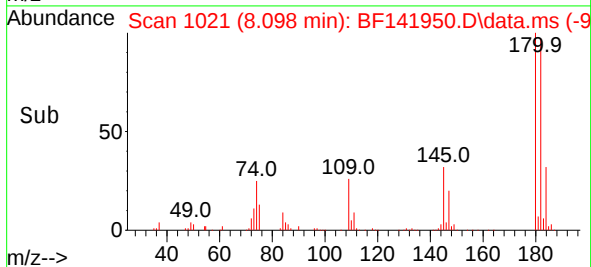
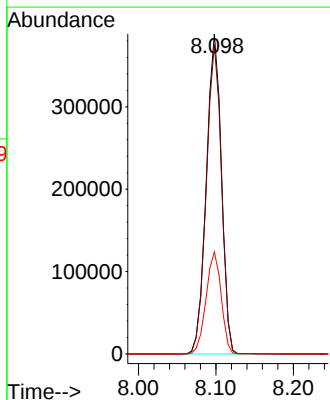
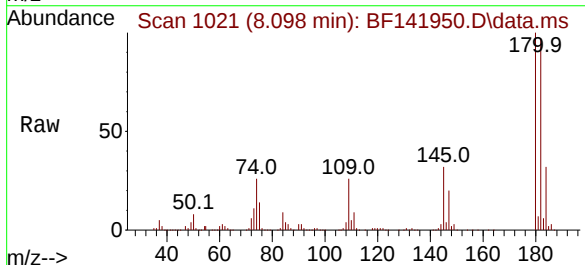
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

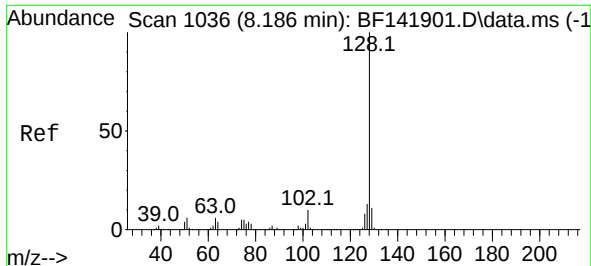
Tgt Ion:162 Resp: 504531
Ion Ratio Lower Upper
162 100
164 65.5 43.8 83.8
98 37.2 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 45.239 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:180 Resp: 526553
Ion Ratio Lower Upper
180 100
182 96.7 77.5 116.3
145 31.9 25.8 38.6

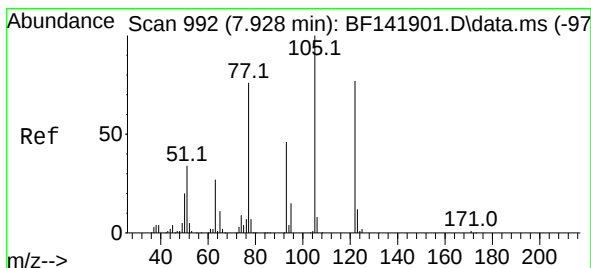
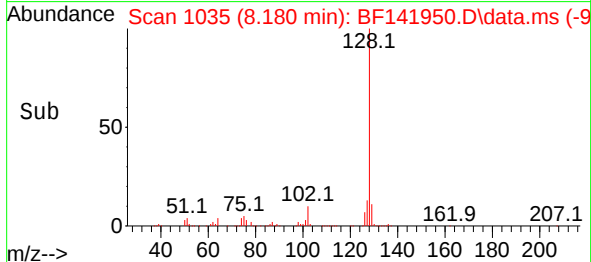
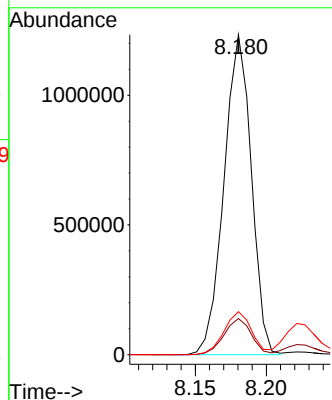
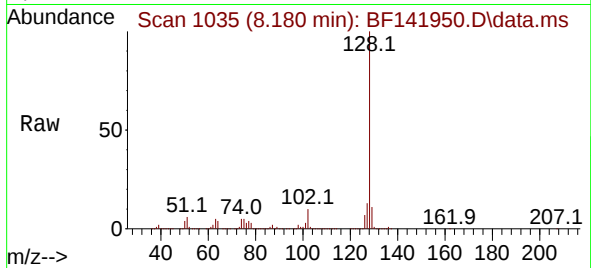




#31
Naphthalene
Concen: 45.017 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

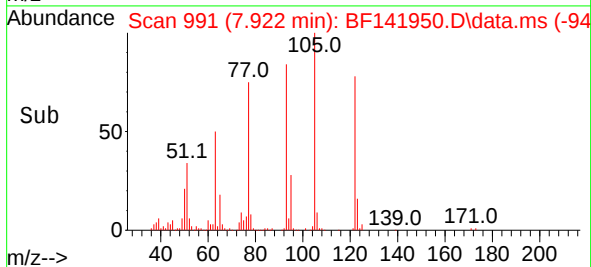
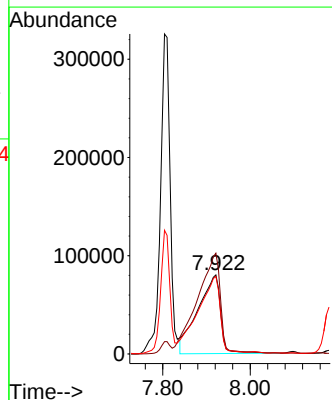
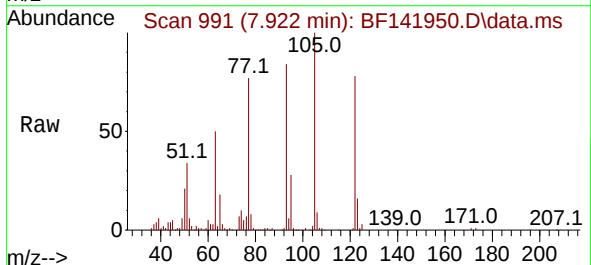
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

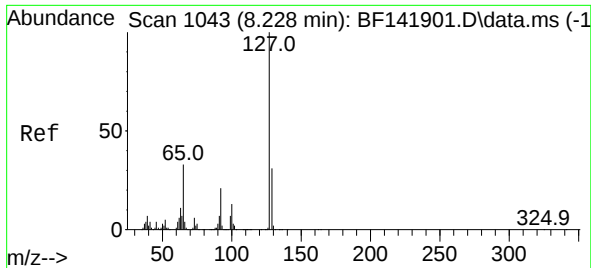
Tgt Ion:128 Resp: 1648227
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 38.886 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:122 Resp: 290856
Ion Ratio Lower Upper
122 100
105 127.7 107.9 147.9
77 98.2 79.0 119.0





#33

4-Chloroaniline

Concen: 15.889 ng

RT: 8.221 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

Tgt Ion:127 Resp: 205366

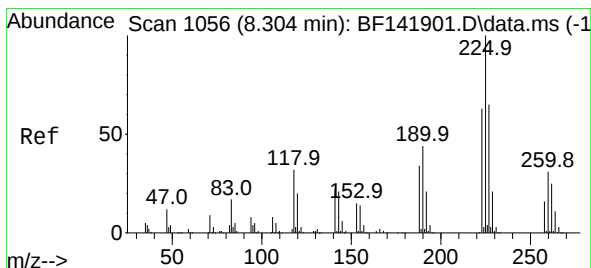
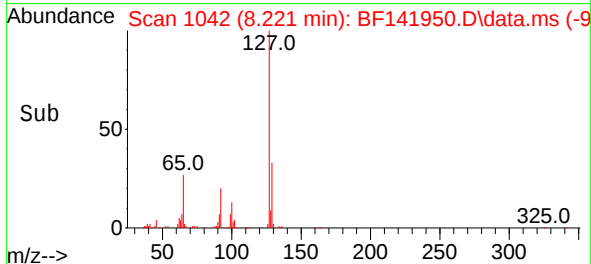
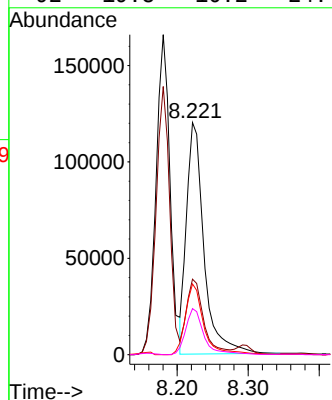
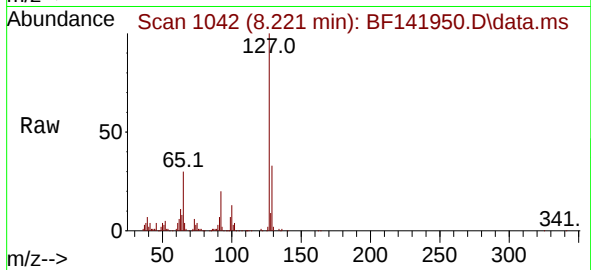
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 30.5 25.4 38.2

92 19.8 16.2 24.4



#34

Hexachlorobutadiene

Concen: 45.929 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

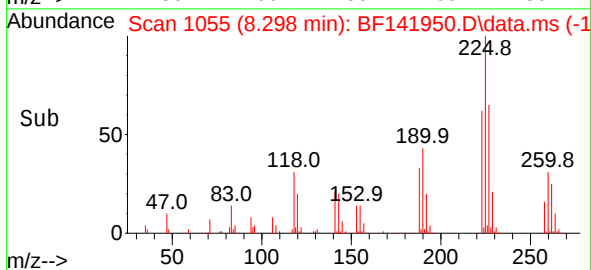
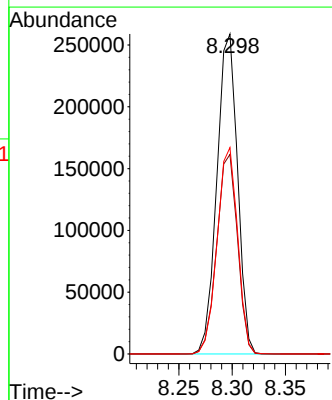
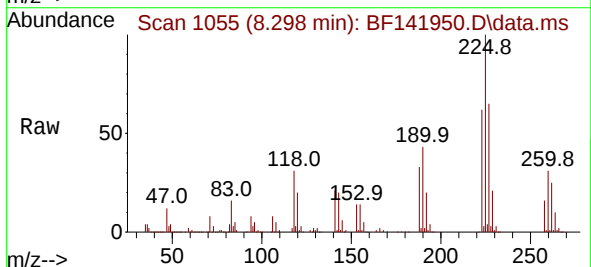
Tgt Ion:225 Resp: 348632

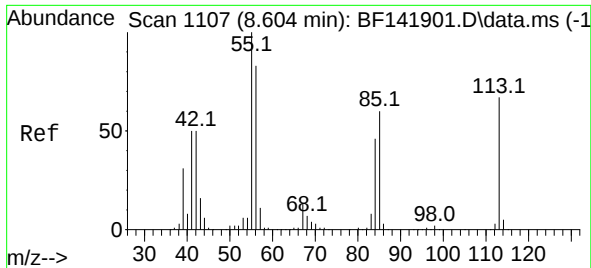
Ion Ratio Lower Upper

225 100

223 62.3 50.6 75.8

227 64.5 52.2 78.2





#35

Caprolactam

Concen: 25.880 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

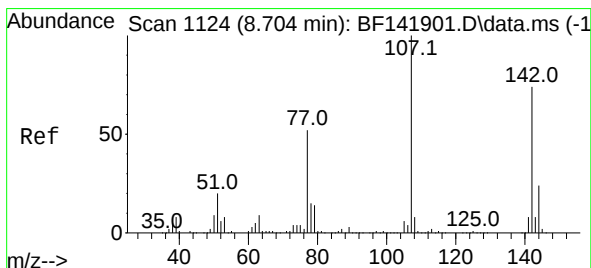
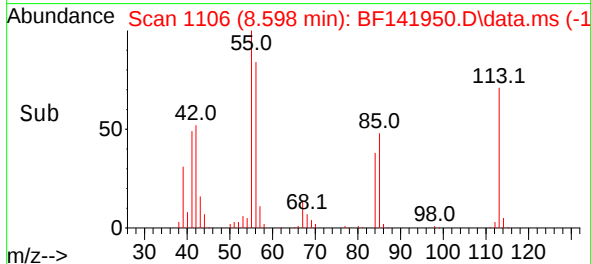
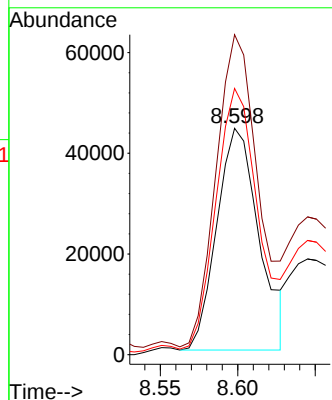
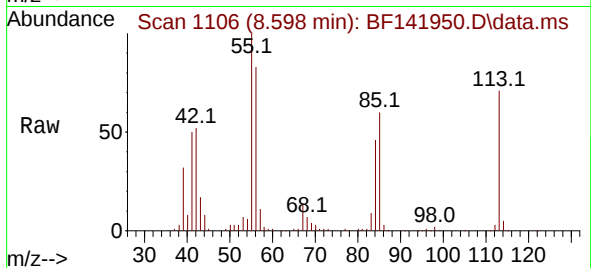
Tgt Ion:113 Resp: 83333

Ion Ratio Lower Upper

113 100

55 141.3 129.6 169.6

56 117.6 104.0 144.0



#36

4-Chloro-3-methylphenol

Concen: 47.518 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

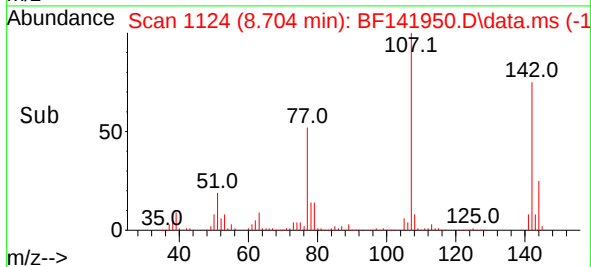
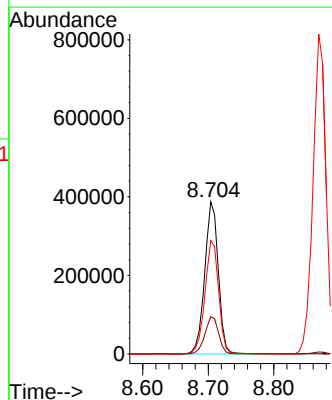
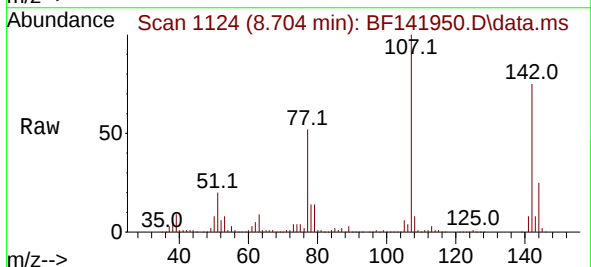
Tgt Ion:107 Resp: 559841

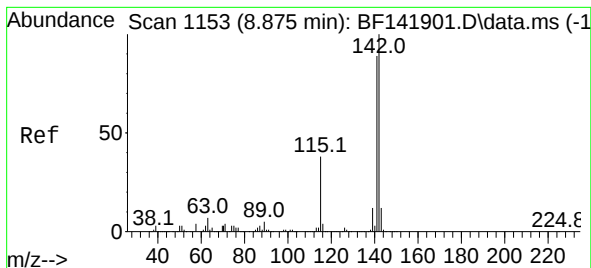
Ion Ratio Lower Upper

107 100

144 24.5 19.0 28.6

142 74.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 45.068 ng

RT: 8.868 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

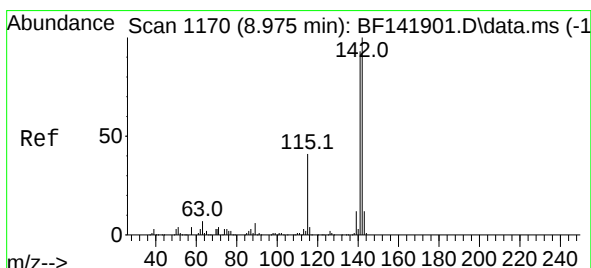
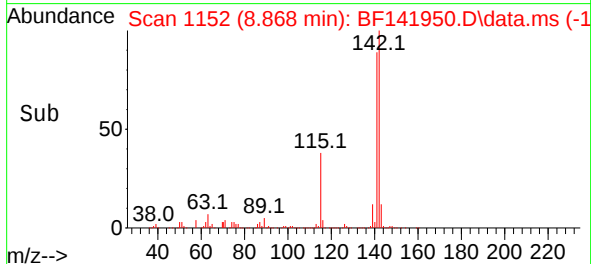
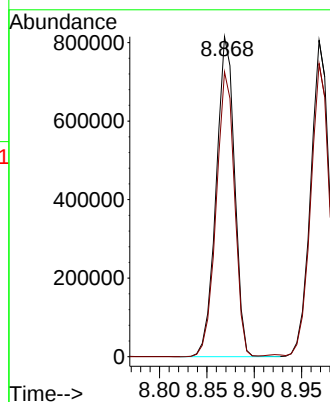
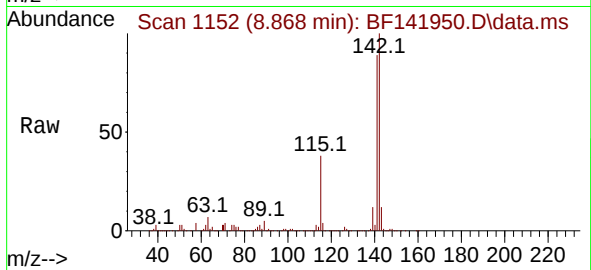
OR-620-JB-COMP-01MSD

Tgt Ion:142 Resp: 1102939

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8



#38

1-Methylnaphthalene

Concen: 45.759 ng

RT: 8.968 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF141950.D

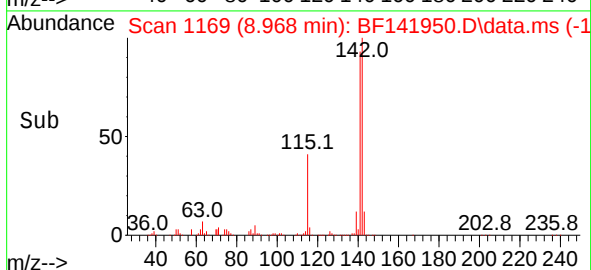
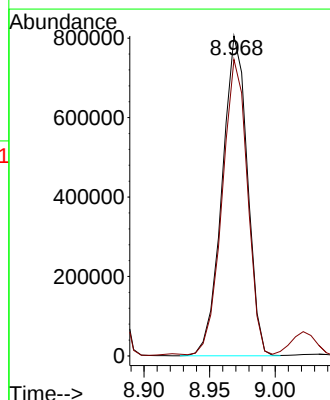
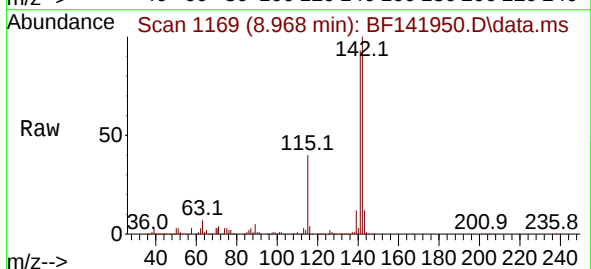
Acq: 13 Mar 2025 19:41

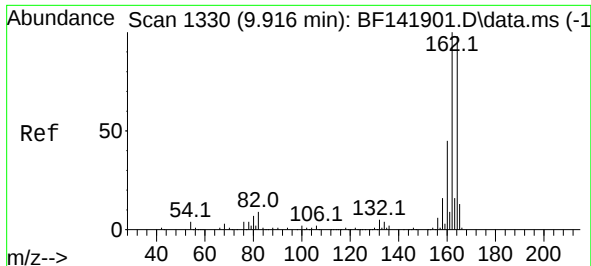
Tgt Ion:142 Resp: 1080637

Ion Ratio Lower Upper

142 100

141 92.7 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.915 min Scan# 1180

Delta R.T. -0.001 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

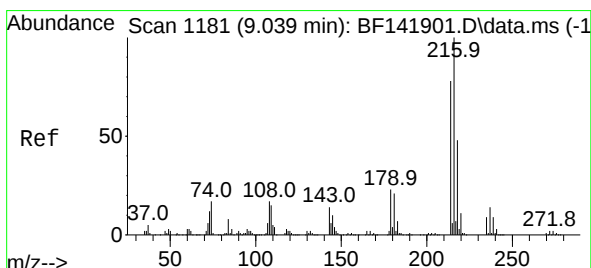
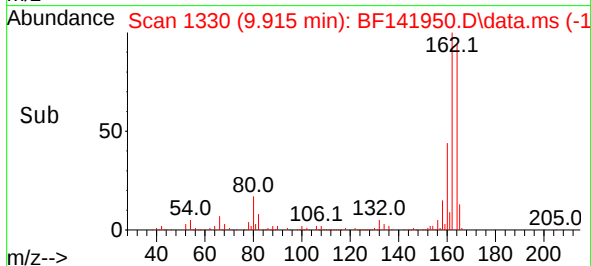
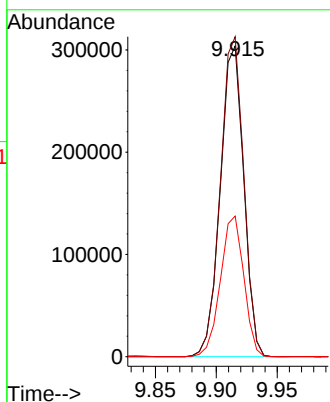
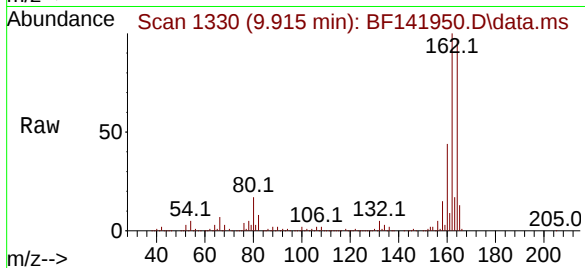
Tgt Ion:164 Resp: 407160

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 45.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.877 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Tgt Ion:216 Resp: 655483

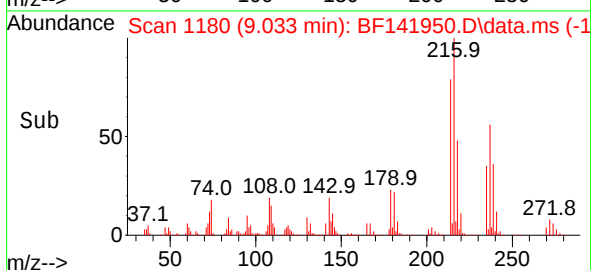
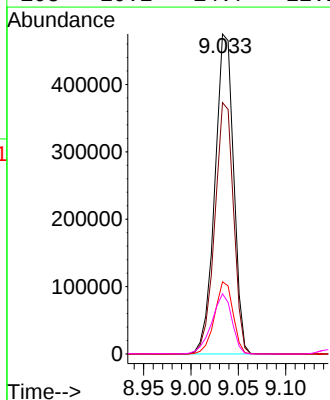
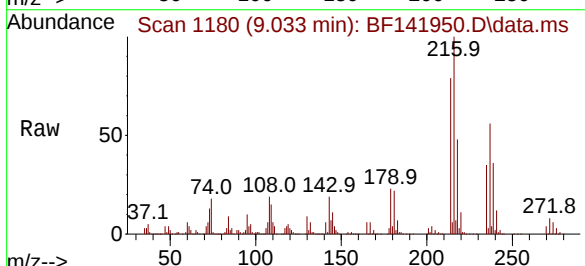
Ion Ratio Lower Upper

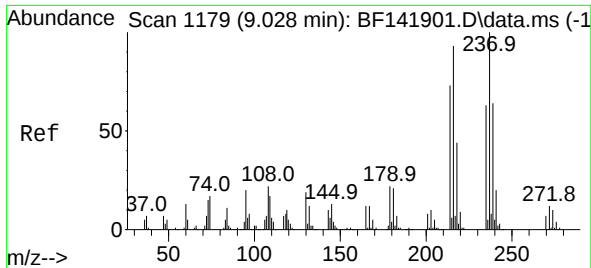
216 100

214 78.3 61.9 92.9

179 22.1 18.1 27.1

108 20.2 14.7 22.1

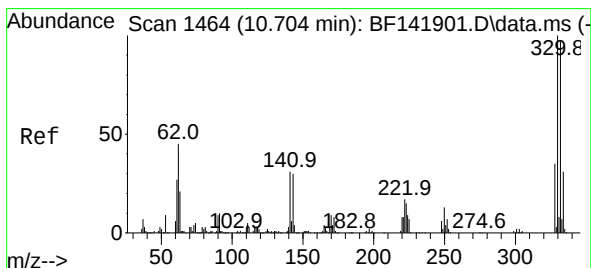
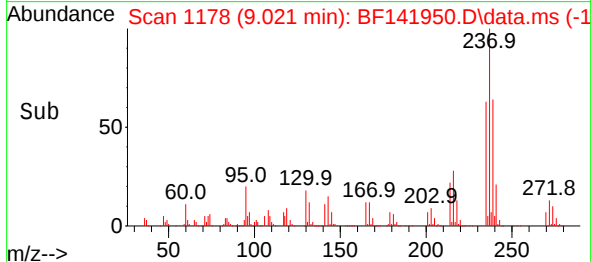
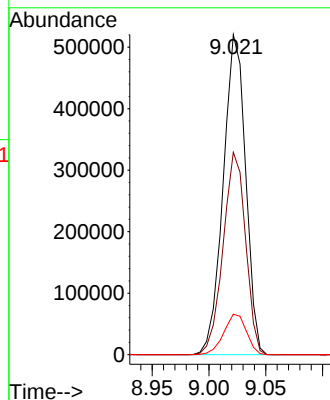
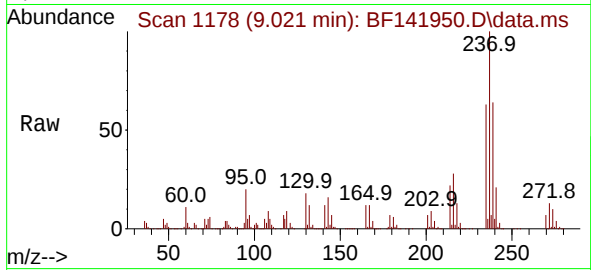




#41
Hexachlorocyclopentadiene
Concen: 147.427 ng
RT: 9.021 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

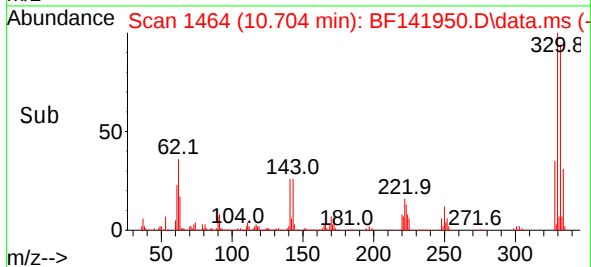
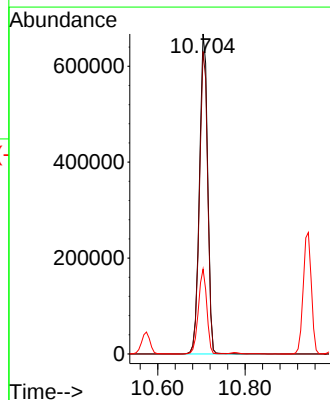
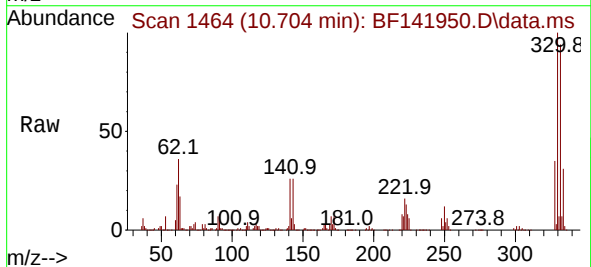
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

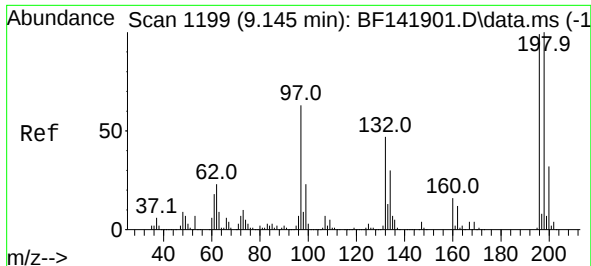
Tgt Ion:237 Resp: 715235
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 12.7 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 169.472 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:330 Resp: 875385
Ion Ratio Lower Upper
330 100
332 94.7 77.6 116.4
141 26.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.674 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF141950.D

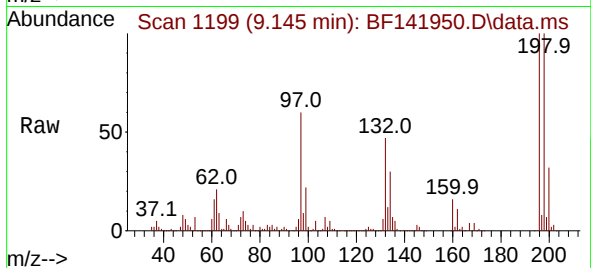
Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD



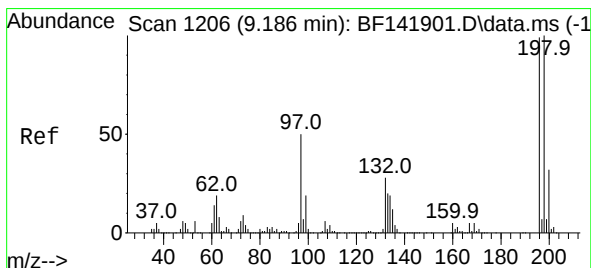
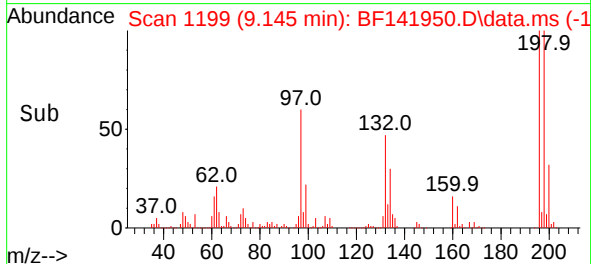
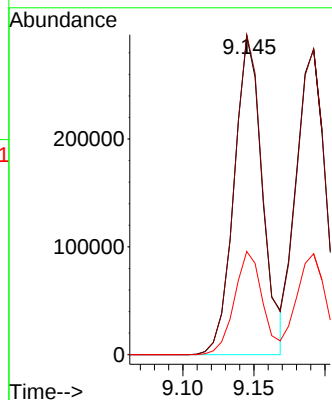
Tgt Ion:196 Resp: 410537

Ion Ratio Lower Upper

196 100

198 100.5 80.6 121.0

200 32.4 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 49.110 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Tgt Ion:196 Resp: 402960

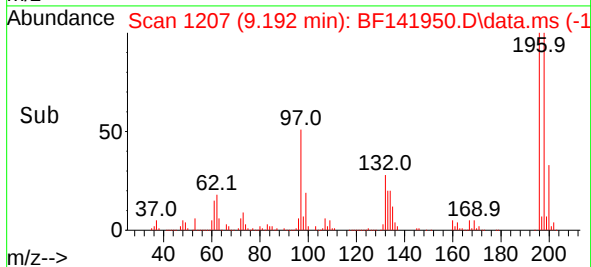
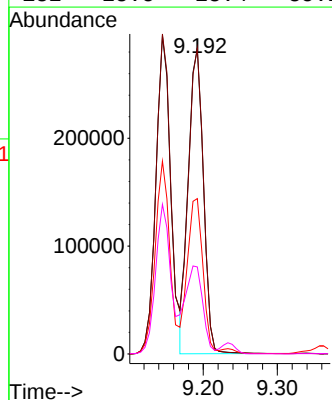
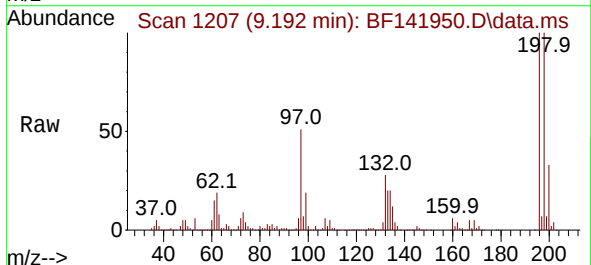
Ion Ratio Lower Upper

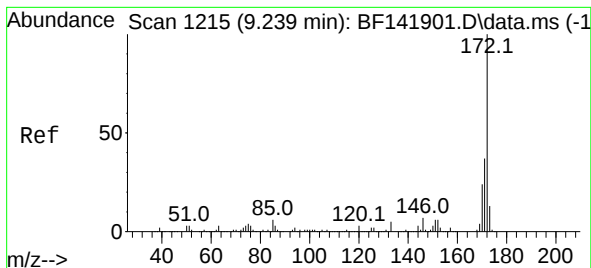
196 100

198 100.2 80.7 121.1

97 50.9 42.1 63.1

132 28.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 103.309 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

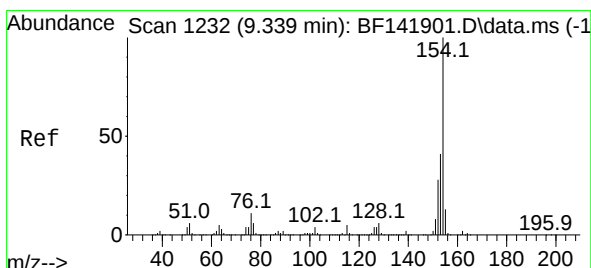
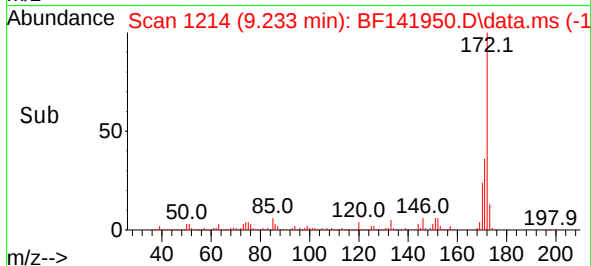
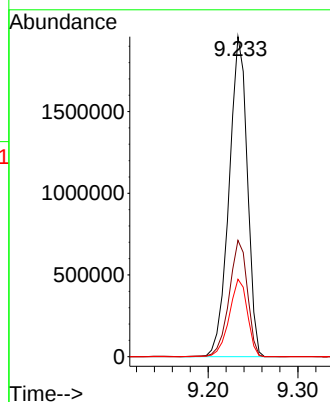
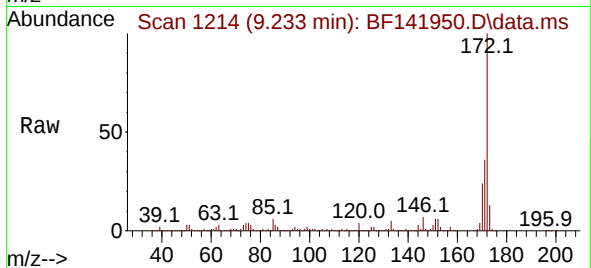
Tgt Ion:172 Resp: 2765850

Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

170 24.2 19.4 29.0



#46

1,1'-Biphenyl

Concen: 52.463 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

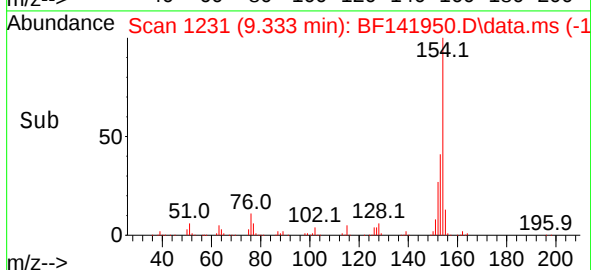
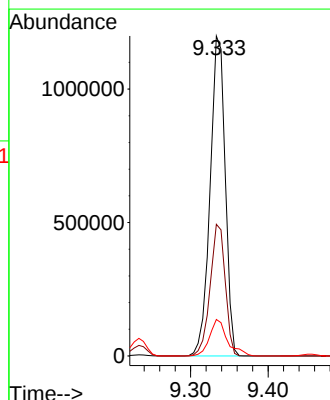
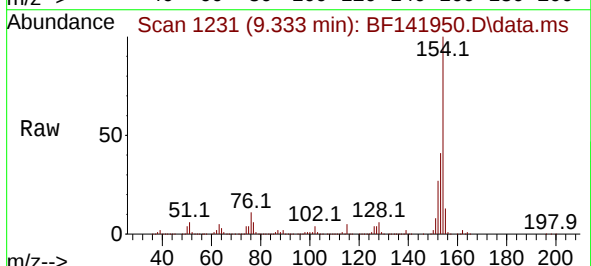
Tgt Ion:154 Resp: 1623043

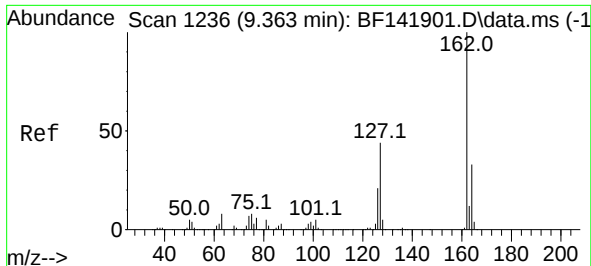
Ion Ratio Lower Upper

154 100

153 41.2 21.1 61.1

76 11.4 0.0 31.3





#47

2-Chloronaphthalene

Concen: 48.285 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

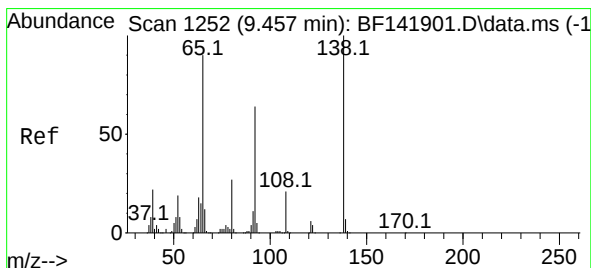
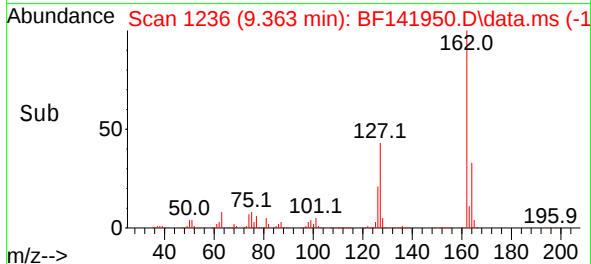
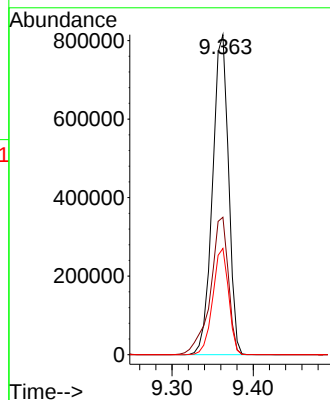
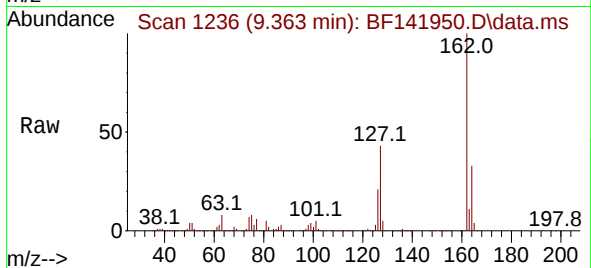
Tgt Ion:162 Resp: 1113390

Ion Ratio Lower Upper

162 100

127 42.9 35.5 53.3

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 49.893 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

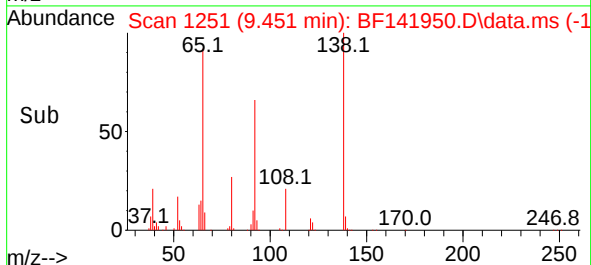
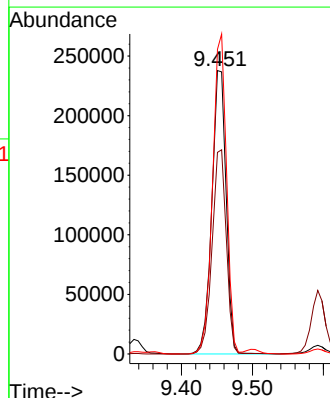
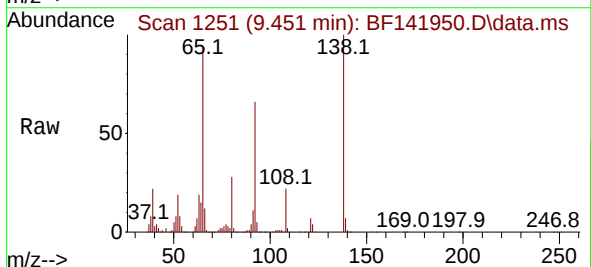
Tgt Ion: 65 Resp: 333109

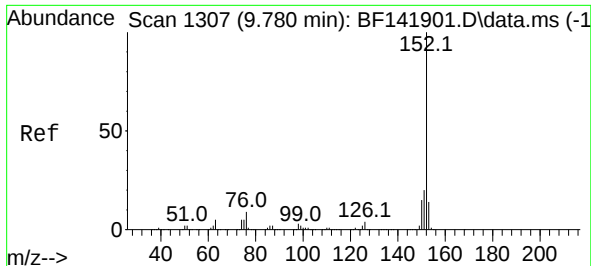
Ion Ratio Lower Upper

65 100

92 71.1 56.6 84.8

138 107.5 88.6 133.0





#49

Acenaphthylene

Concen: 50.520 ng

RT: 9.774 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

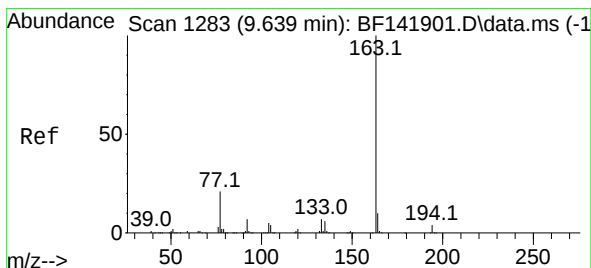
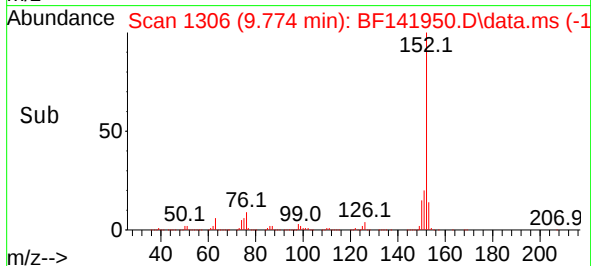
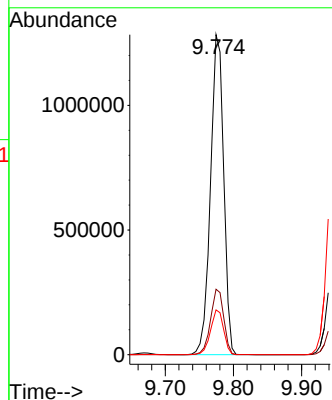
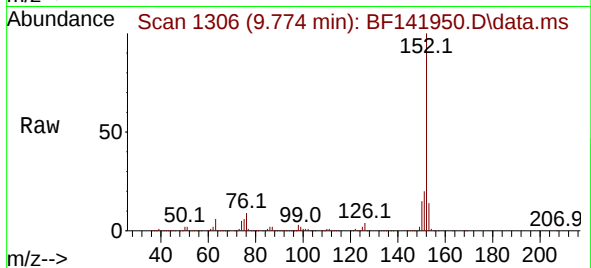
Tgt Ion:152 Resp: 1728687

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 50.148 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

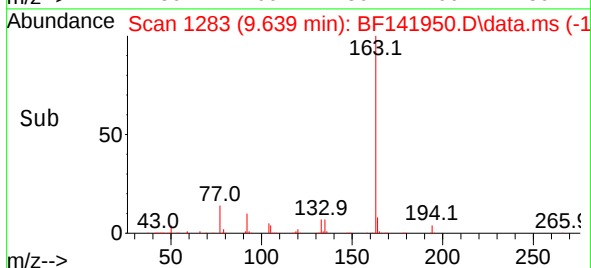
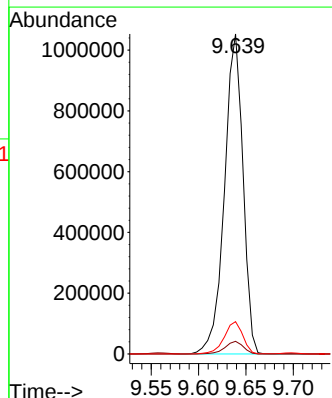
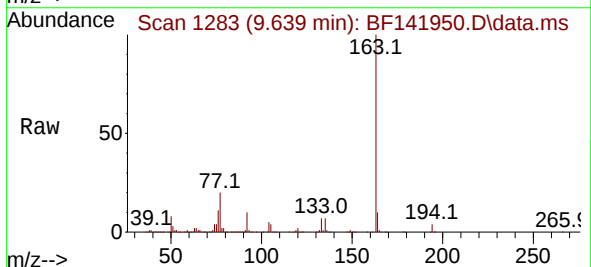
Tgt Ion:163 Resp: 1429848

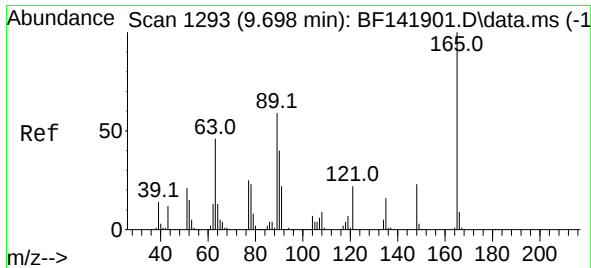
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.4

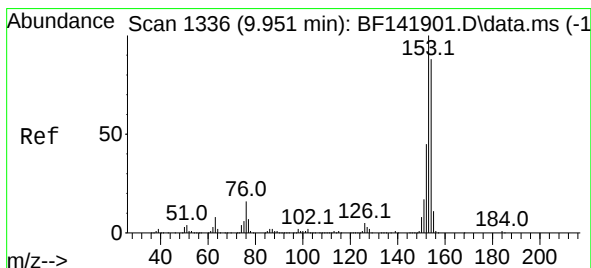
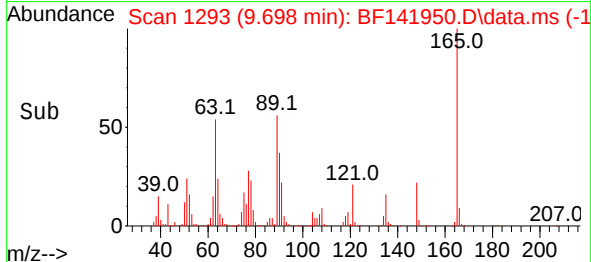
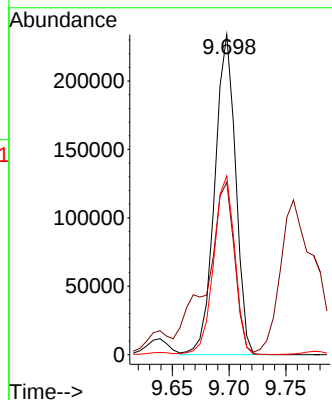
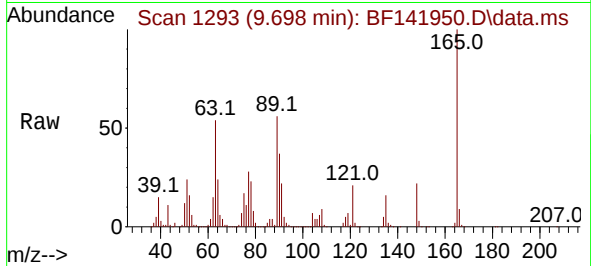




#51
2,6-Dinitrotoluene
Concen: 50.301 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

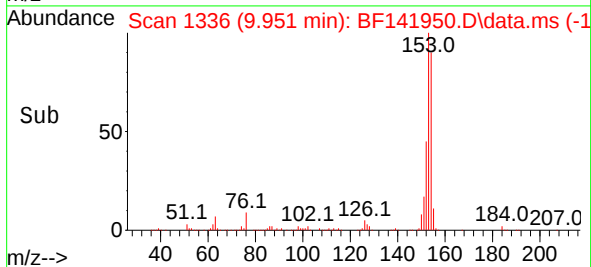
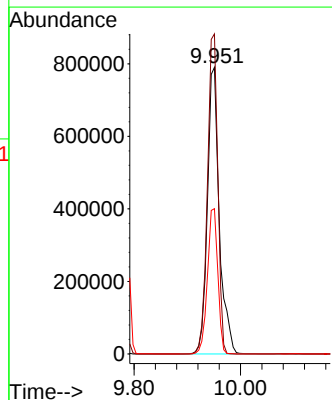
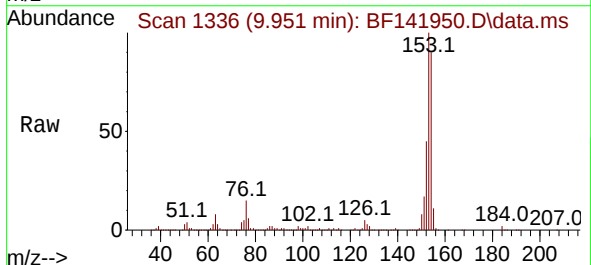
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

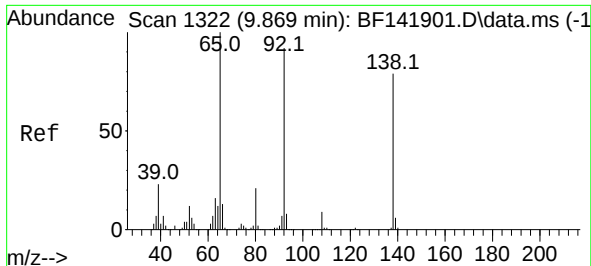
Tgt Ion:165 Resp: 298612
Ion Ratio Lower Upper
165 100
63 53.9 47.0 70.4
89 55.9 47.4 71.2



#52
Acenaphthene
Concen: 51.132 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:154 Resp: 1229563
Ion Ratio Lower Upper
154 100
153 111.7 90.7 136.1
152 50.7 41.1 61.7





#53

3-Nitroaniline

Concen: 28.066 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

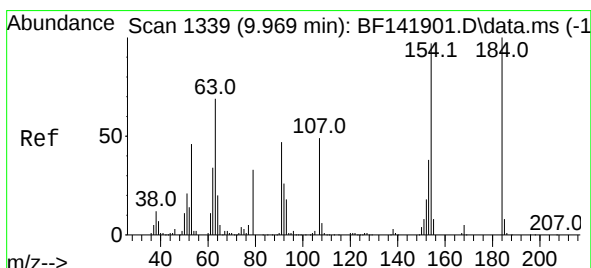
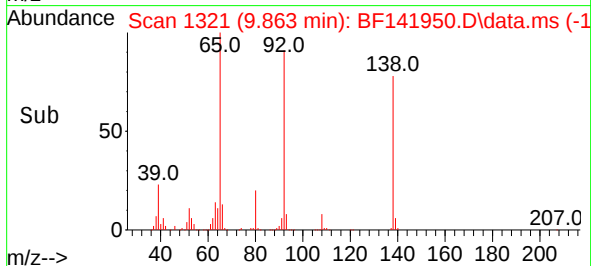
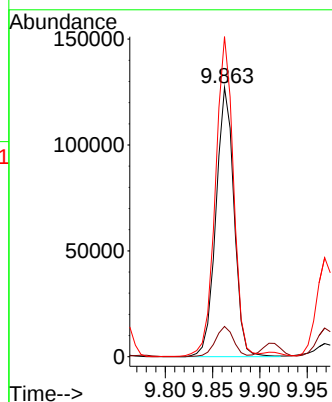
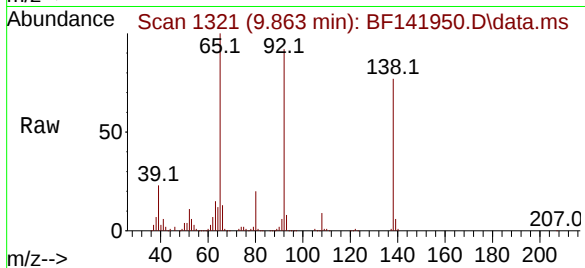
Tgt Ion:138 Resp: 169007

Ion Ratio Lower Upper

138 100

108 11.2 9.3 13.9

92 118.8 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 73.843 ng

RT: 9.968 min Scan# 1339

Delta R.T. -0.001 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

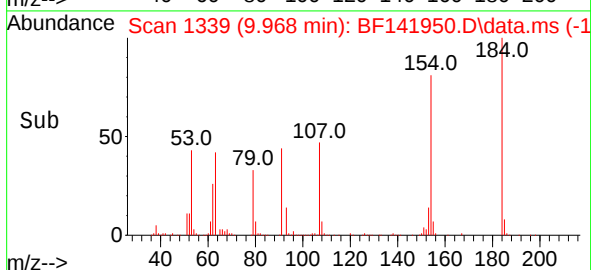
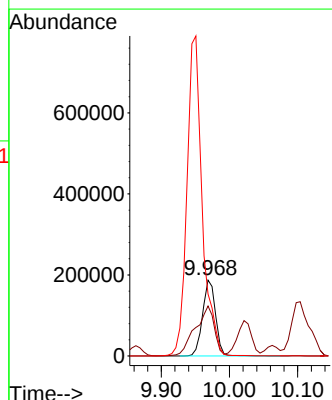
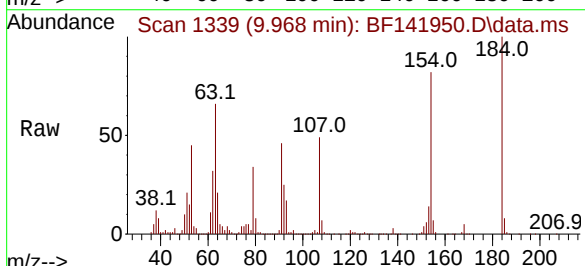
Tgt Ion:184 Resp: 247213

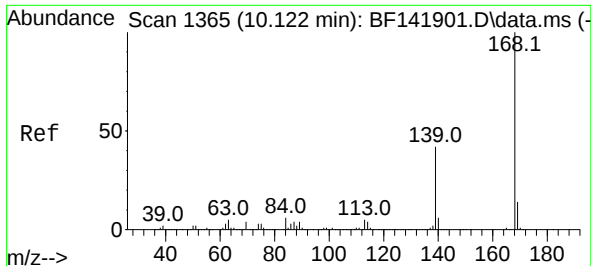
Ion Ratio Lower Upper

184 100

63 65.7 60.2 90.4

154 81.7 132.9 199.3#





#55

Dibenzofuran

Concen: 45.728 ng

RT: 10.121 min Scan# 1365

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

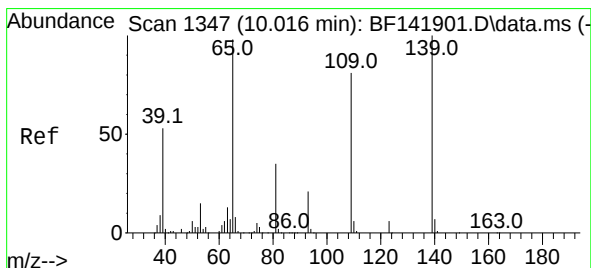
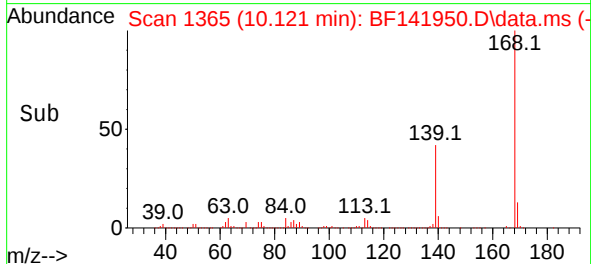
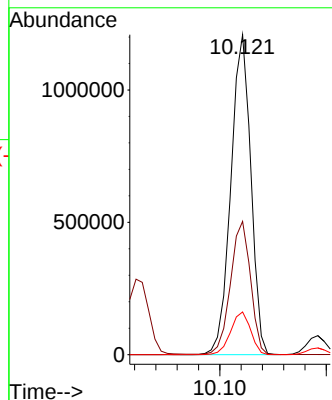
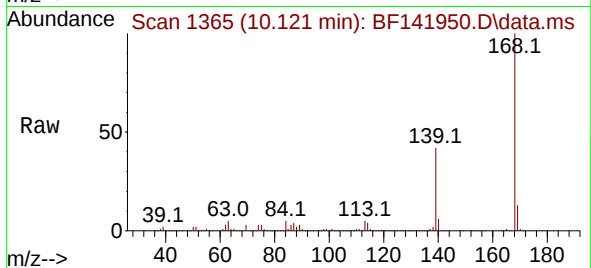
Tgt Ion:168 Resp: 1571208

Ion Ratio Lower Upper

168 100

139 41.7 33.9 50.9

169 13.4 11.0 16.4



#56

4-Nitrophenol

Concen: 93.069 ng

RT: 10.021 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

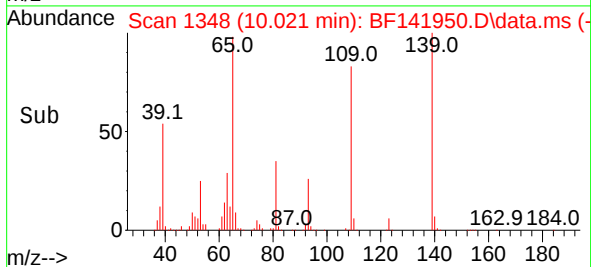
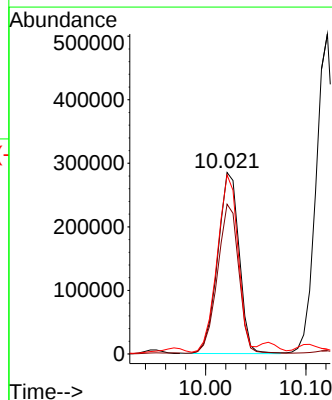
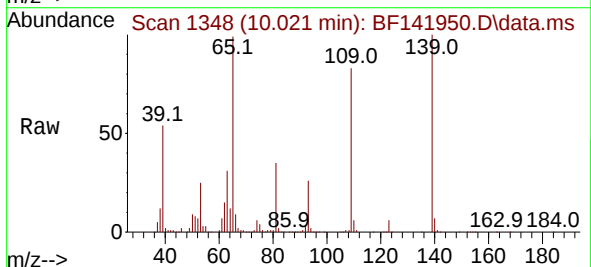
Tgt Ion:139 Resp: 422651

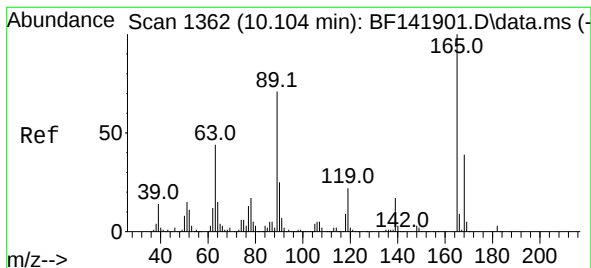
Ion Ratio Lower Upper

139 100

109 82.6 61.6 101.6

65 98.7 79.4 119.4

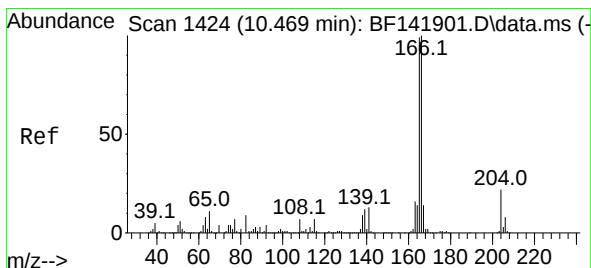
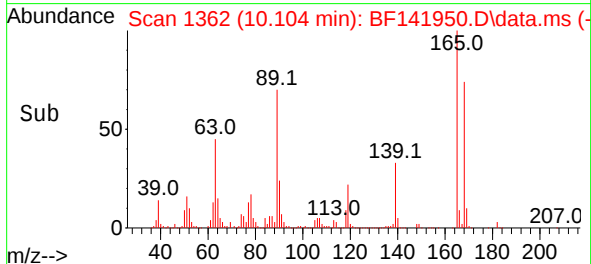
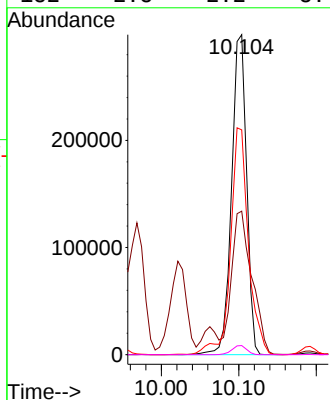
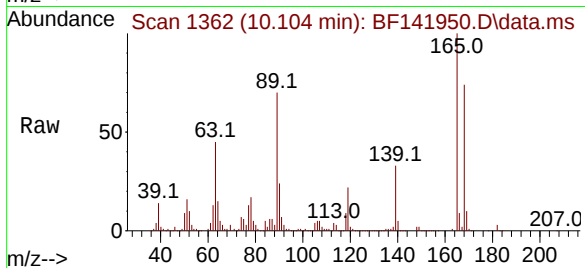




#57
2,4-Dinitrotoluene
Concen: 51.923 ng
RT: 10.104 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

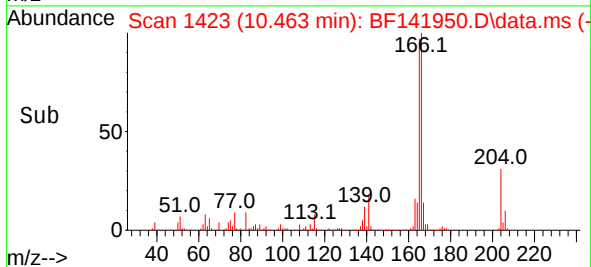
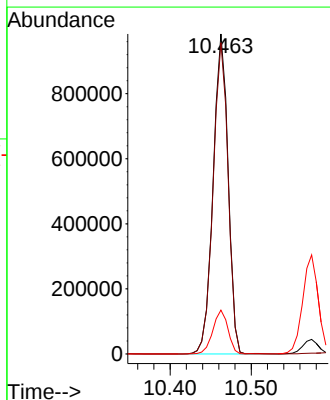
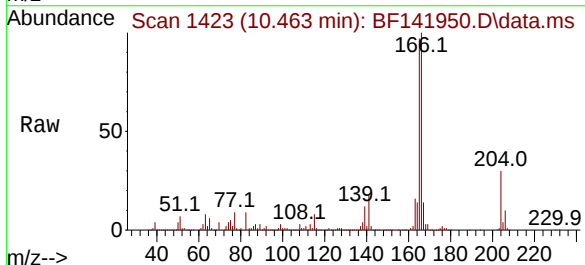
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

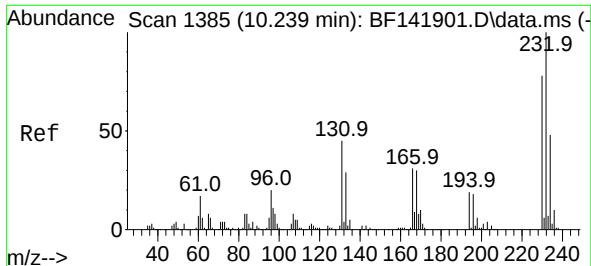
Tgt Ion:165 Resp: 402598
Ion Ratio Lower Upper
165 100
63 44.8 35.4 53.2
89 70.3 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 47.609 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:166 Resp: 1261527
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.4
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.968 ng

RT: 10.233 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

Tgt Ion:232 Resp: 358155

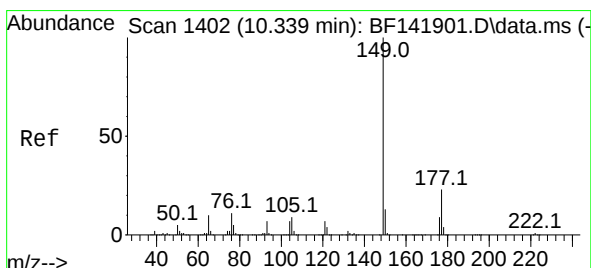
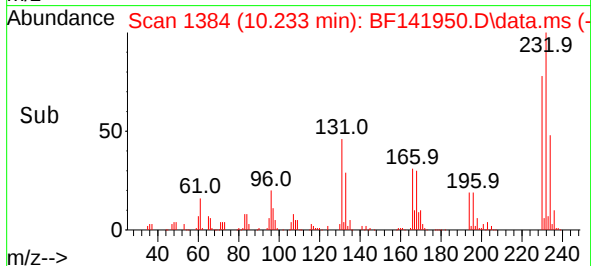
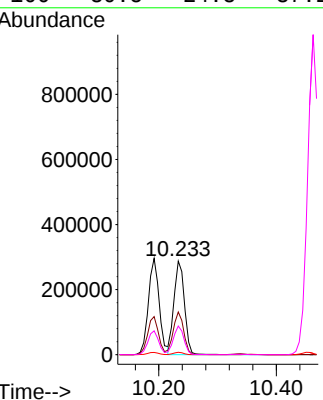
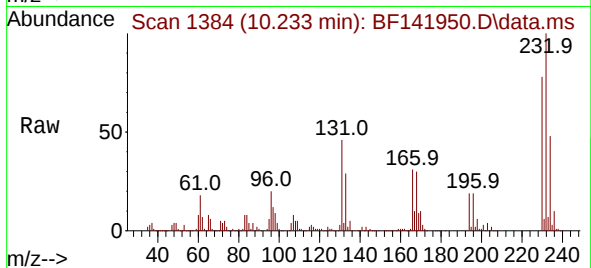
Ion Ratio Lower Upper

232 100

131 45.9 37.3 55.9

130 2.5 1.9 2.9

166 30.5 24.8 37.2



#60

Diethylphthalate

Concen: 47.684 ng

RT: 10.339 min Scan# 1402

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

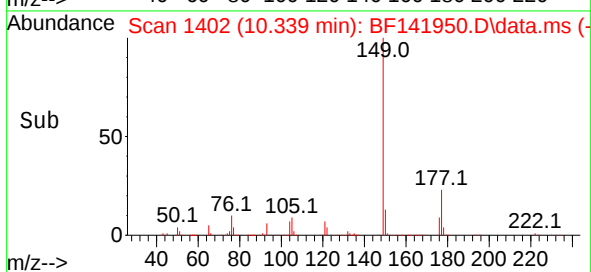
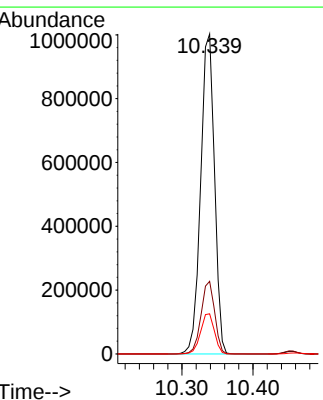
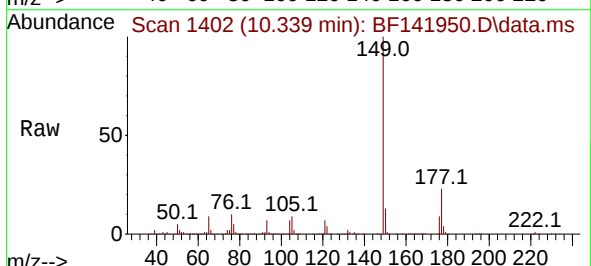
Tgt Ion:149 Resp: 1355671

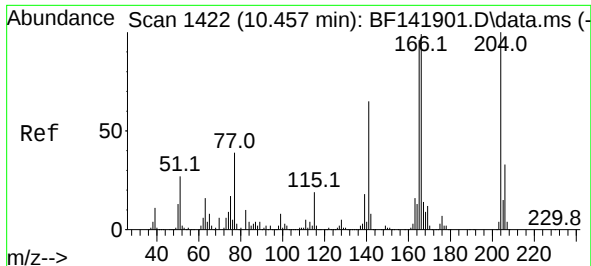
Ion Ratio Lower Upper

149 100

177 22.7 18.0 27.0

150 12.6 10.2 15.4

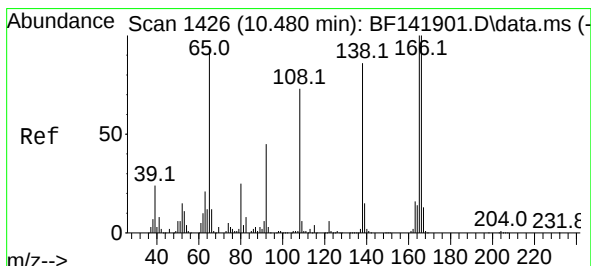
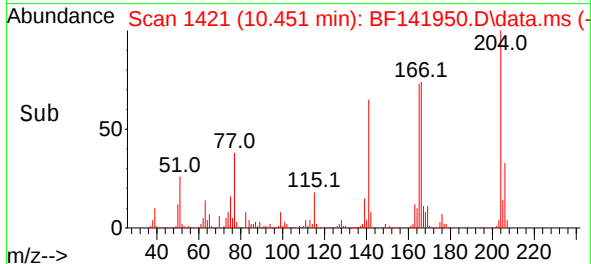
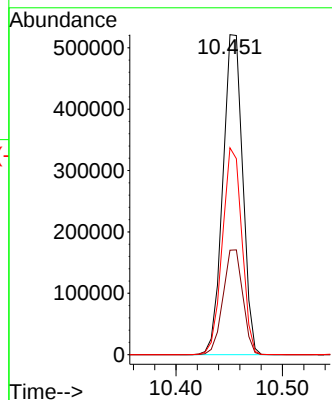
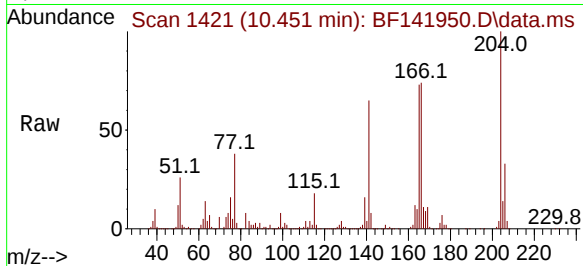




#61
4-Chlorophenyl-phenylether
Concen: 48.542 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

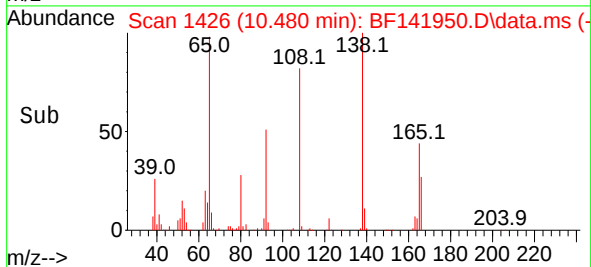
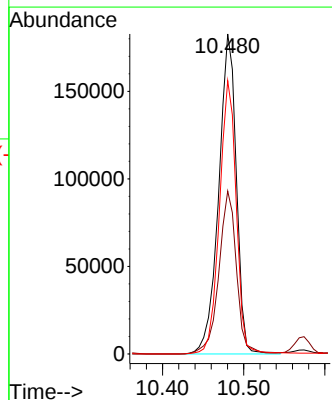
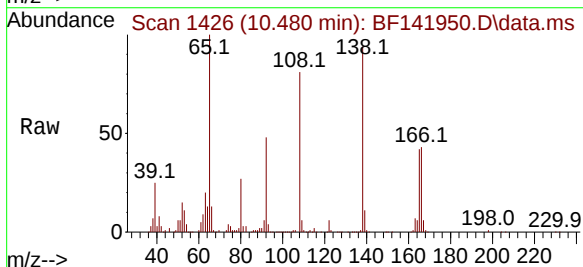
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

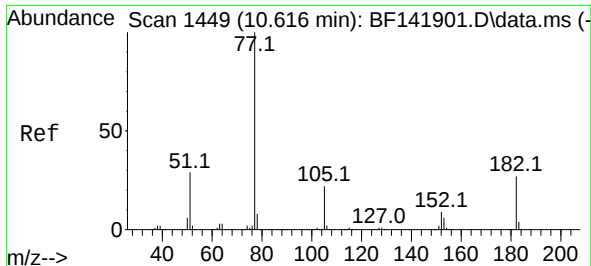
Tgt Ion:204 Resp: 670582
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 64.6 52.4 78.6



#62
4-Nitroaniline
Concen: 47.204 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:138 Resp: 276737
Ion Ratio Lower Upper
138 100
92 50.9 32.6 72.6
108 85.4 65.0 105.0

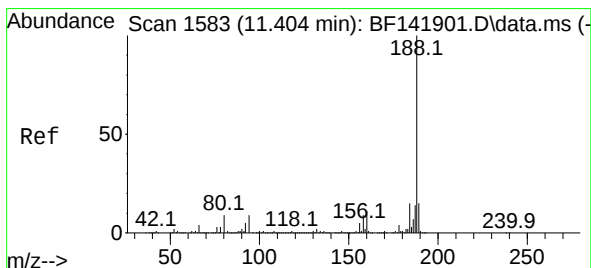
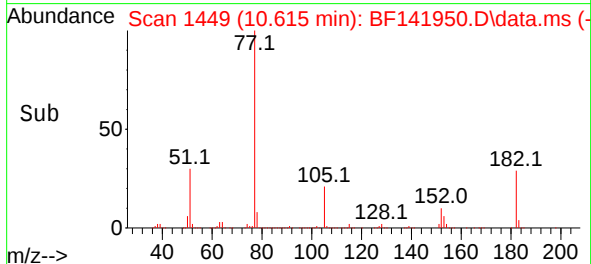
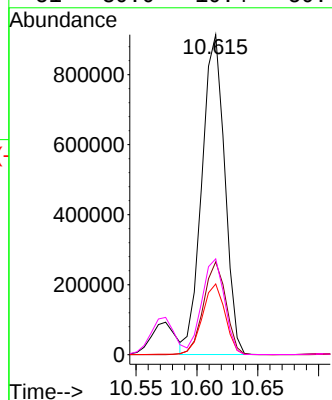
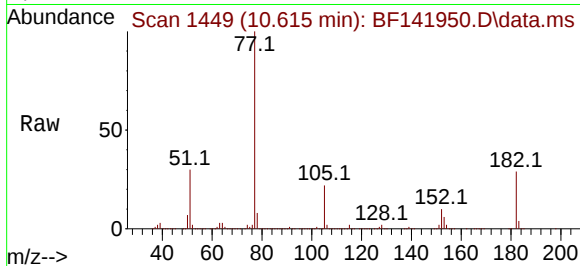




#63
Azobenzene
Concen: 44.941 ng
RT: 10.615 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

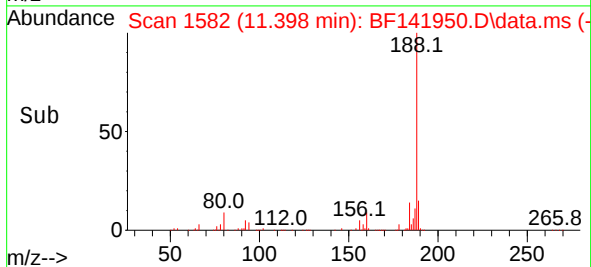
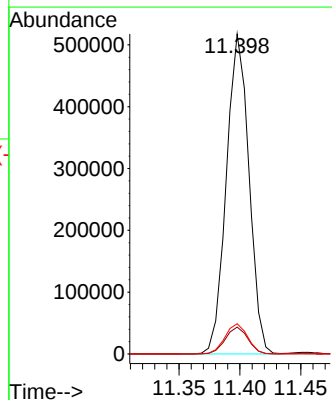
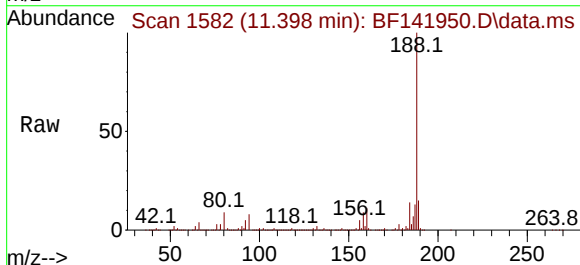
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

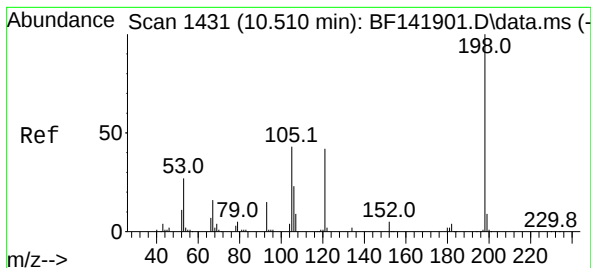
Tgt Ion: 77 Resp: 1187884
Ion Ratio Lower Upper
77 100
182 29.0 6.6 46.6
105 22.1 1.3 41.3
51 30.0 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion: 188 Resp: 669022
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.5 7.6 11.4

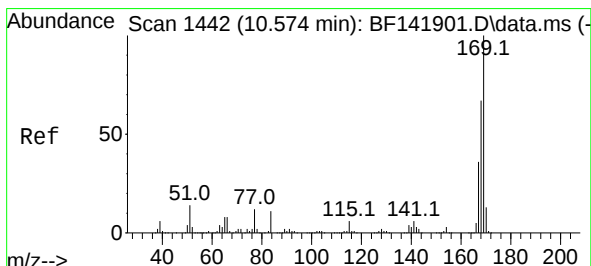
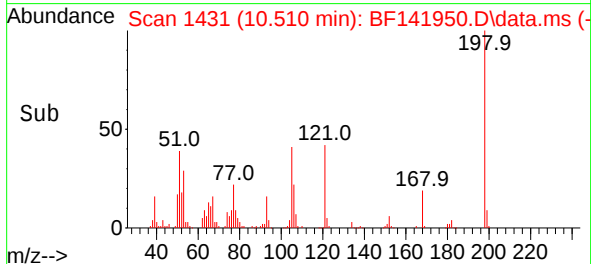
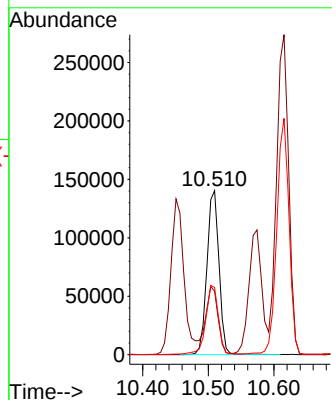
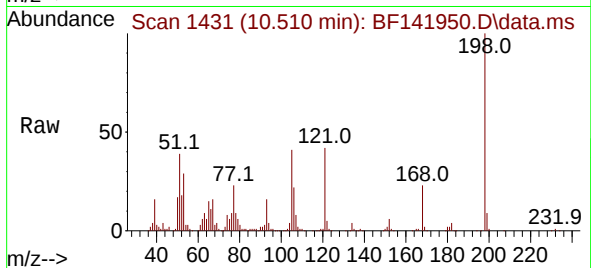




#65
4,6-Dinitro-2-methylphenol
Concen: 45.146 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

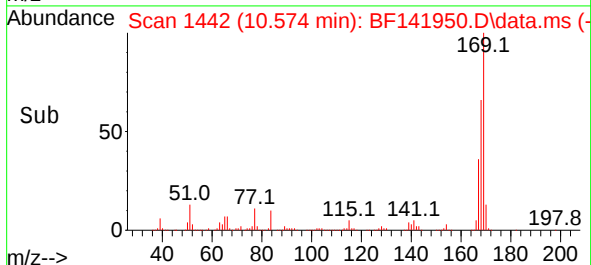
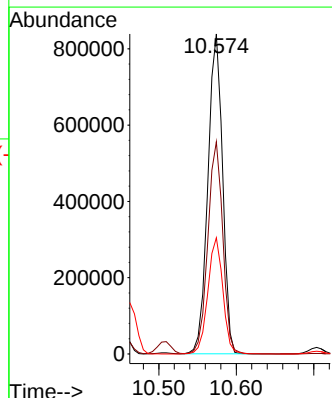
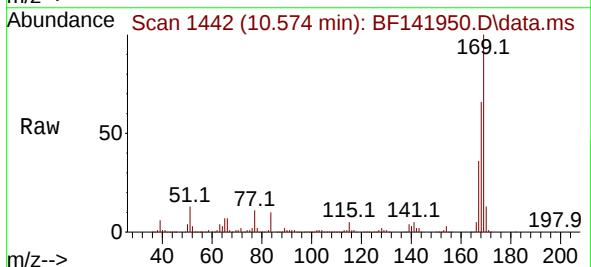
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

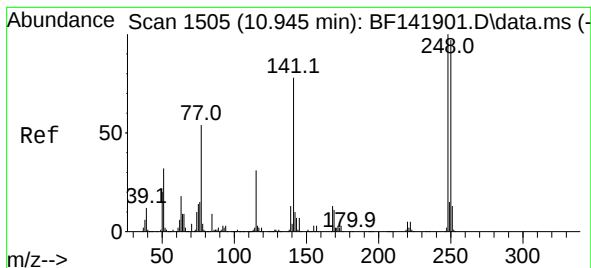
Tgt Ion:198 Resp: 180059
Ion Ratio Lower Upper
198 100
51 38.7 22.3 62.3
105 41.0 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 50.934 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:169 Resp: 1102710
Ion Ratio Lower Upper
169 100
168 66.3 53.7 80.5
167 36.3 29.2 43.8

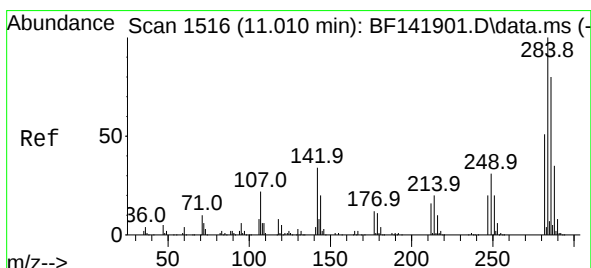
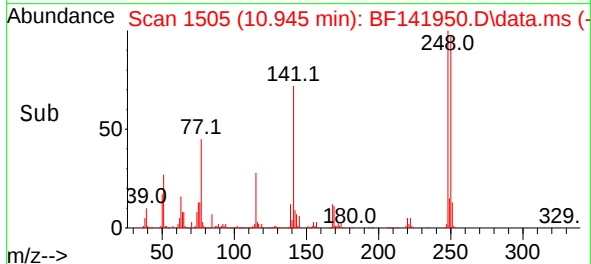
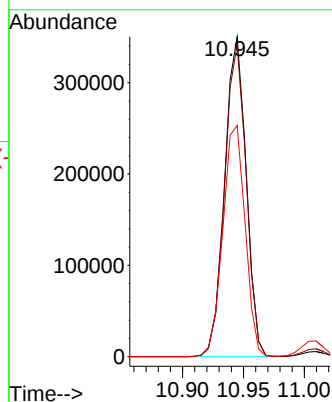
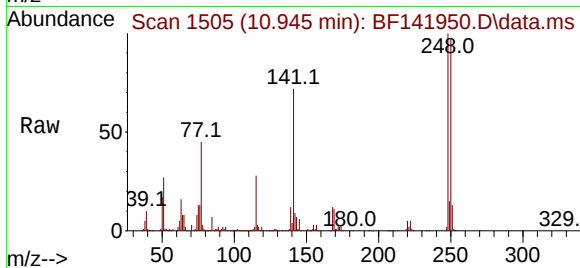




#67
4-Bromophenyl-phenylether
Concen: 51.467 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

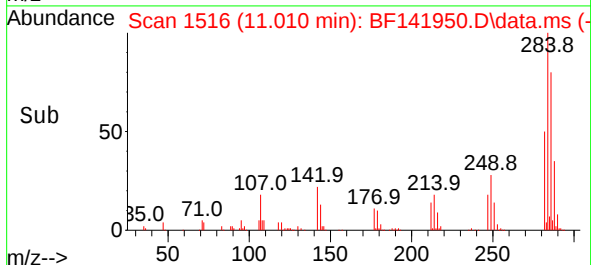
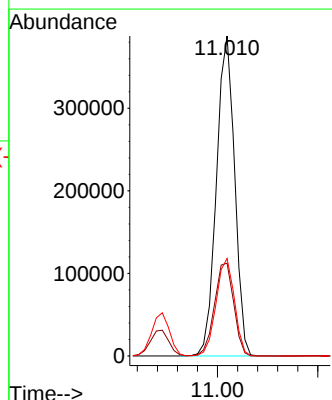
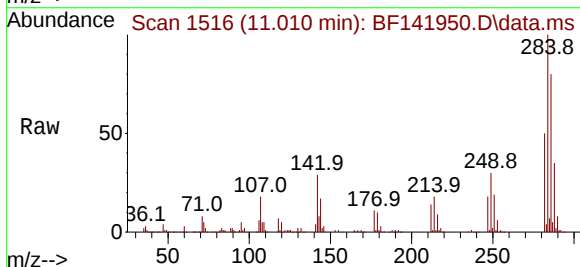
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

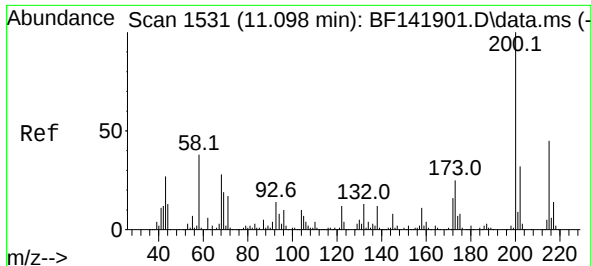
Tgt Ion:248 Resp: 432435
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 72.3 62.6 93.8



#68
Hexachlorobenzene
Concen: 52.927 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

Tgt Ion:284 Resp: 487734
Ion Ratio Lower Upper
284 100
142 29.0 27.0 40.6
249 30.4 25.2 37.8





#69

Atrazine

Concen: 65.867 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

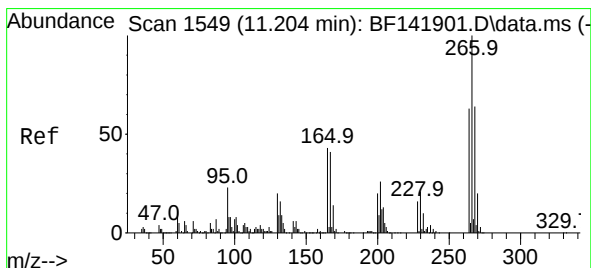
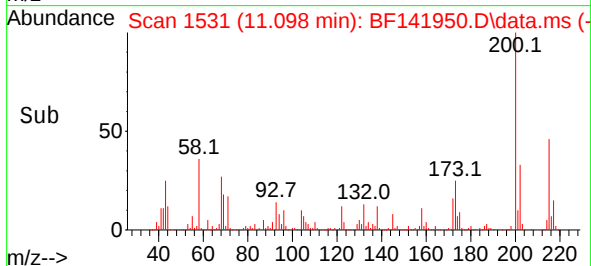
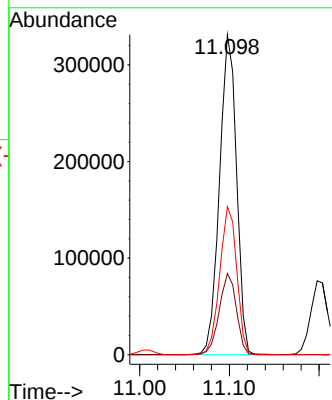
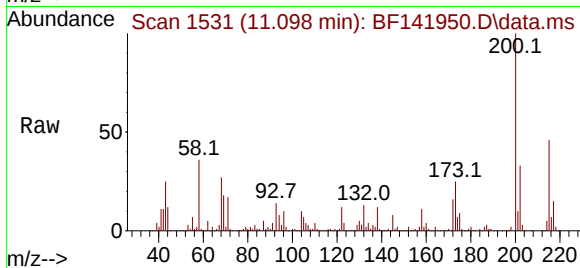
Tgt Ion:200 Resp: 437156

Ion Ratio Lower Upper

200 100

173 25.4 4.7 44.7

215 46.2 25.4 65.4



#70

Pentachlorophenol

Concen: 96.340 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

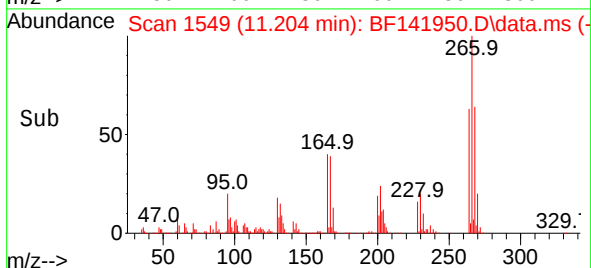
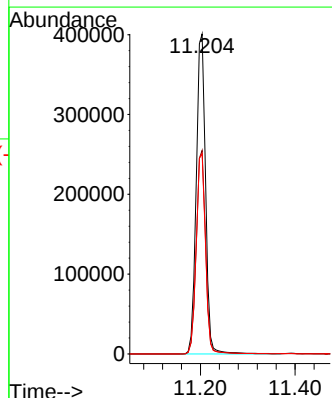
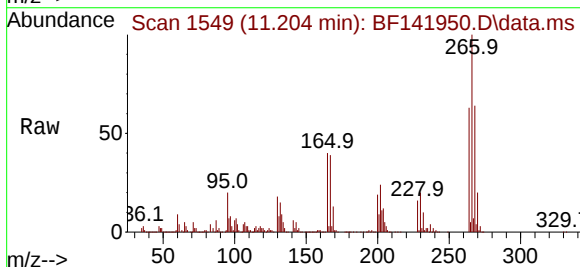
Tgt Ion:266 Resp: 546996

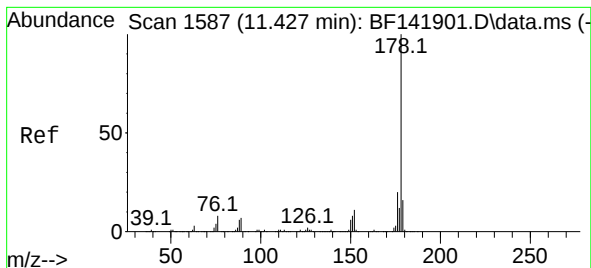
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 62.6 50.2 75.2





#71

Phenanthrene

Concen: 49.493 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

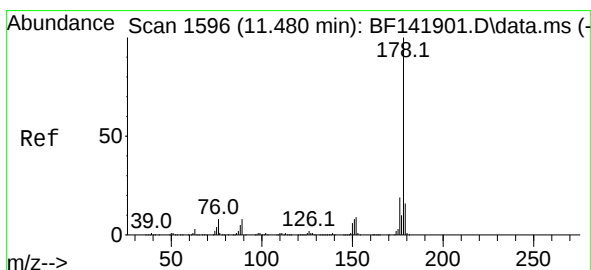
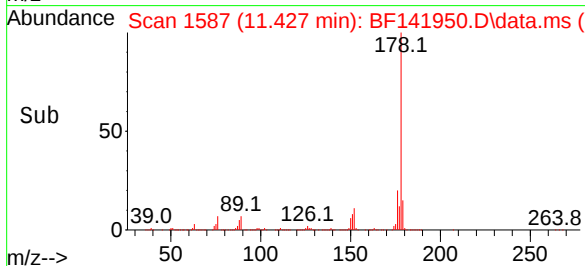
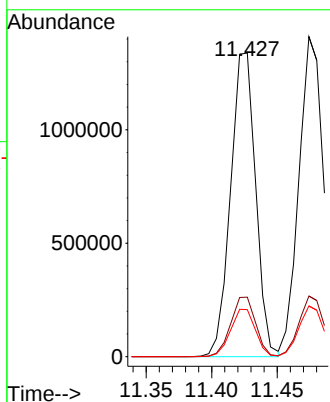
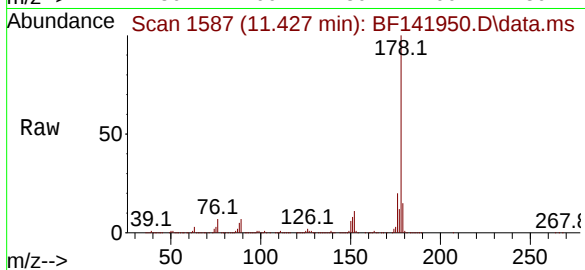
Tgt Ion:178 Resp: 1788496

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.5 12.6 19.0



#72

Anthracene

Concen: 50.315 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

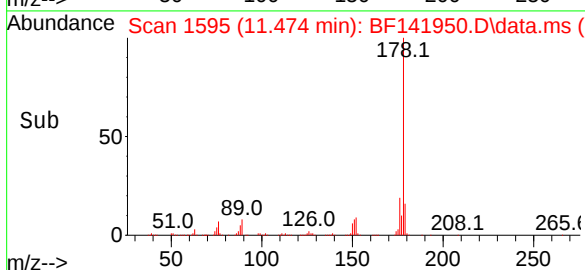
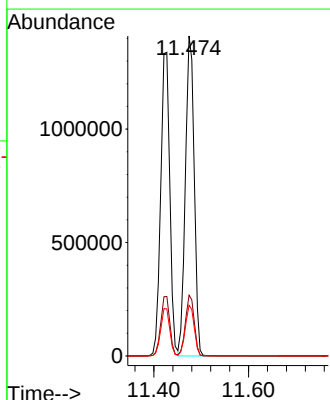
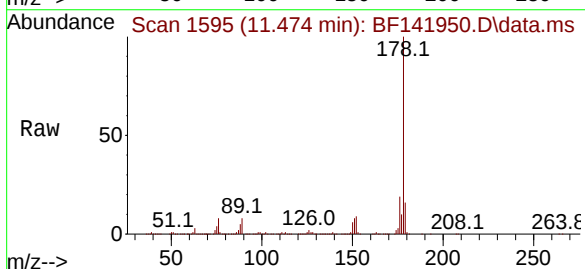
Tgt Ion:178 Resp: 1824118

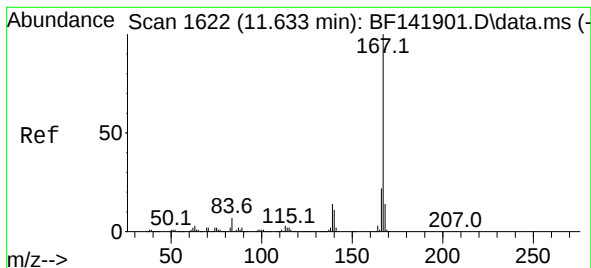
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.9 12.6 19.0





#73

Carbazole

Concen: 48.027 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

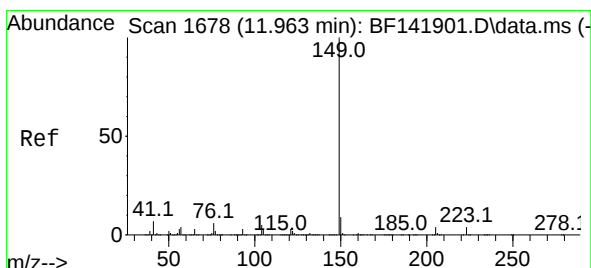
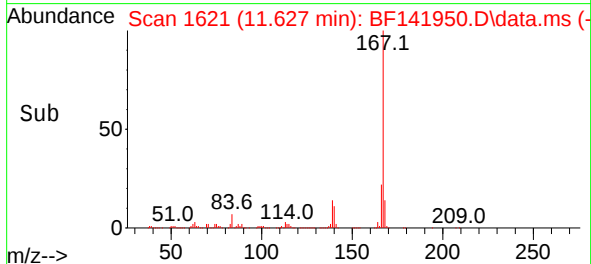
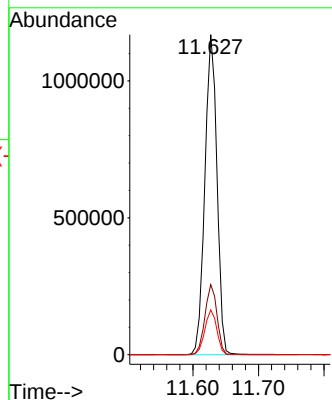
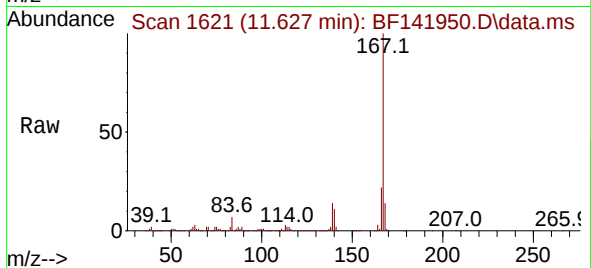
Tgt Ion:167 Resp: 1501614

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 14.0 11.0 16.6



#74

Di-n-butylphthalate

Concen: 47.771 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

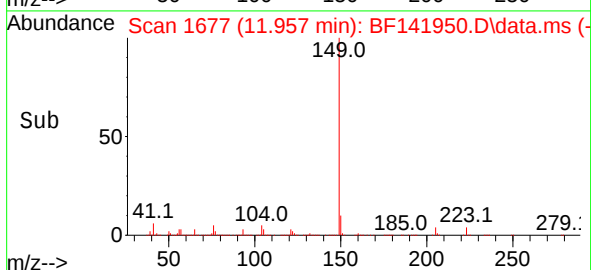
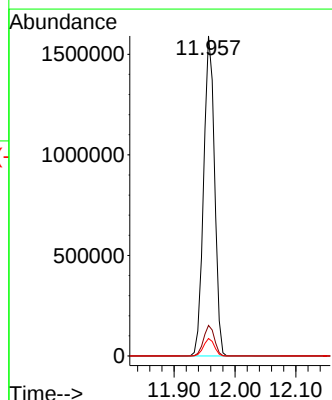
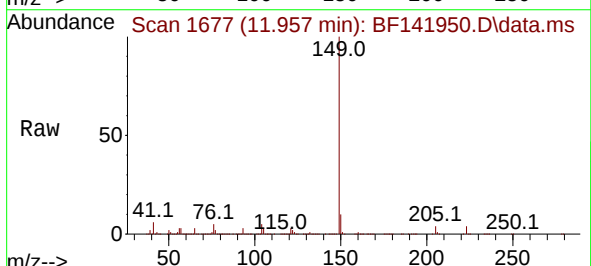
Tgt Ion:149 Resp: 1981839

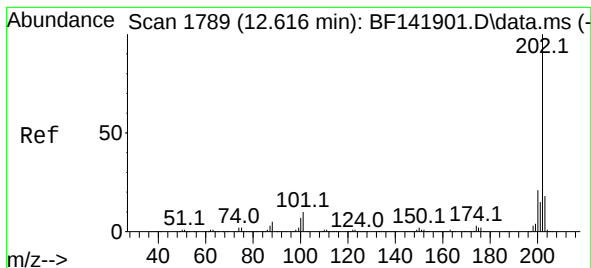
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 44.538 ng

RT: 12.609 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

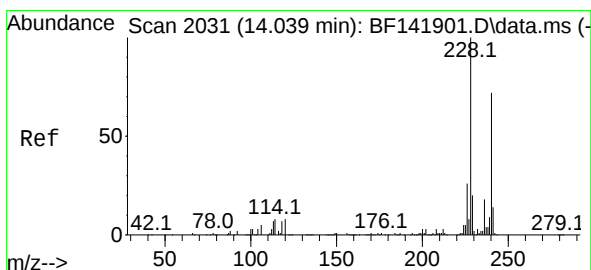
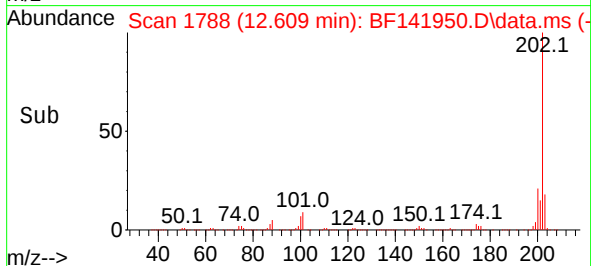
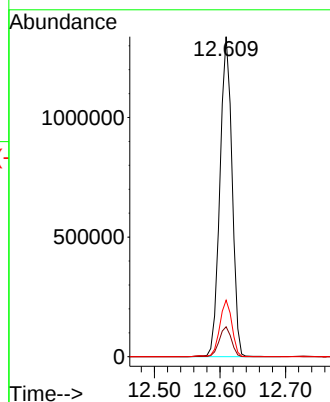
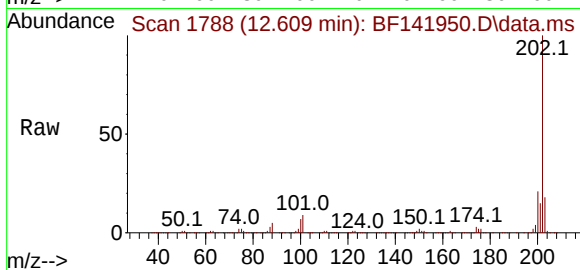
Tgt Ion:202 Resp: 1707232

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.7

203 17.7 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: BF141950.D

Acq: 13 Mar 2025 19:41

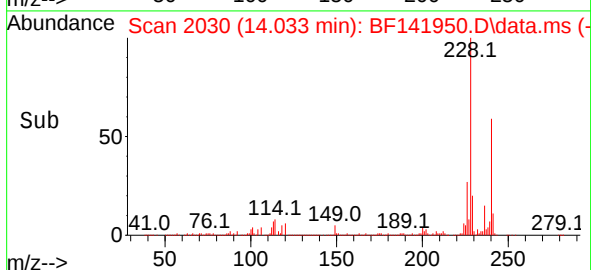
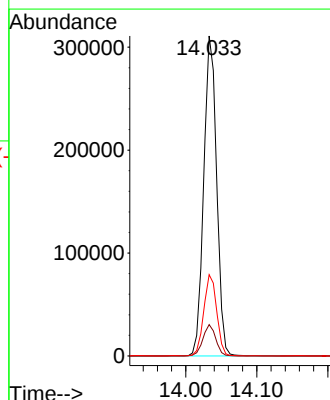
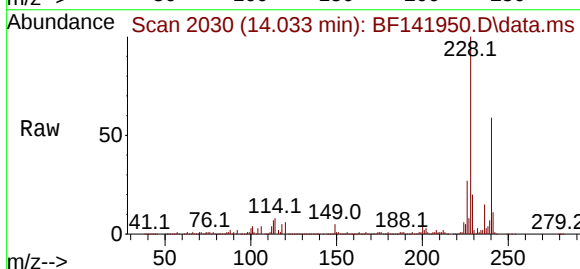
Tgt Ion:240 Resp: 393645

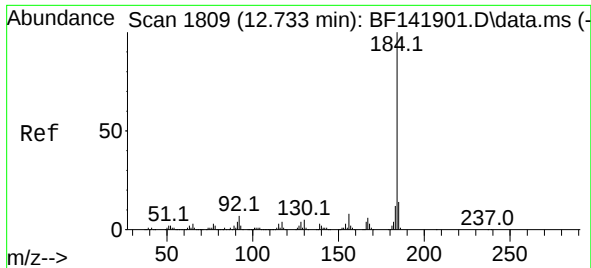
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.4 20.5 30.7

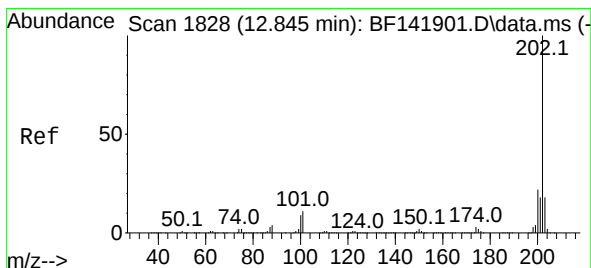
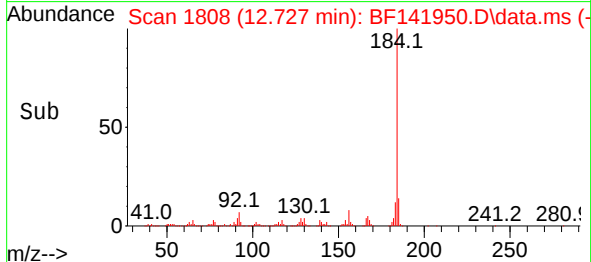
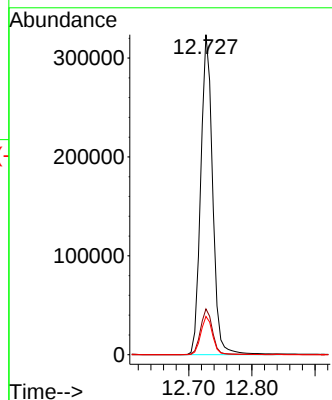
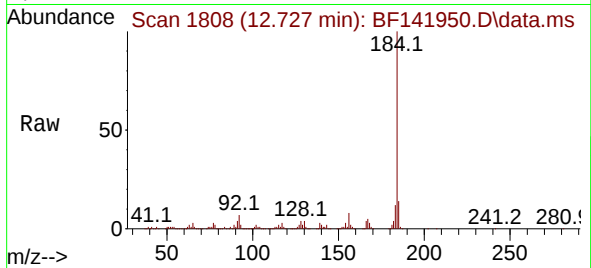




#77
Benzidine
Concen: 77.320 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

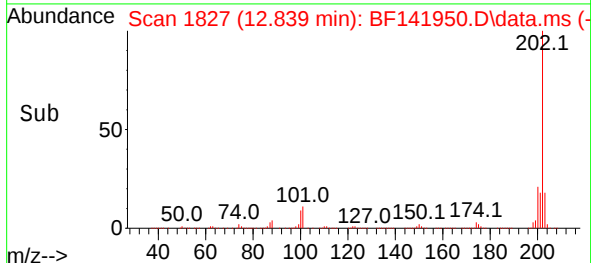
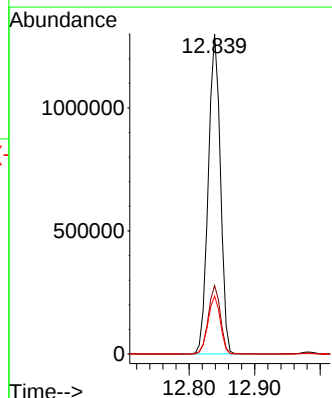
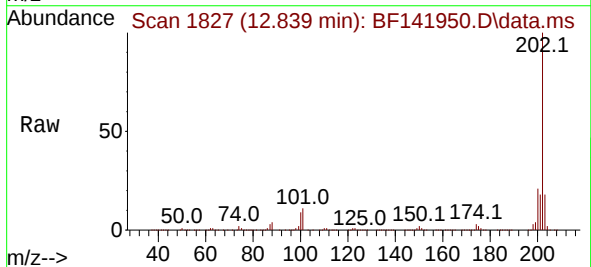
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MSD

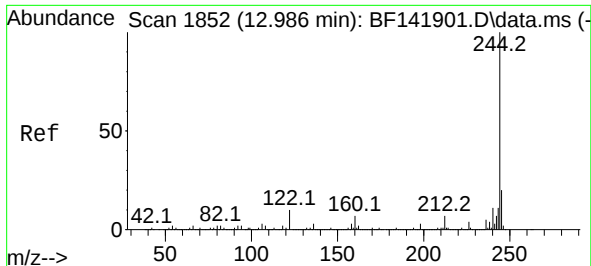
Tgt Ion:184 Resp: 424648
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 12.0 9.7 14.5



#78
Pyrene
Concen: 49.068 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF141950.D
Acq: 13 Mar 2025 19:41

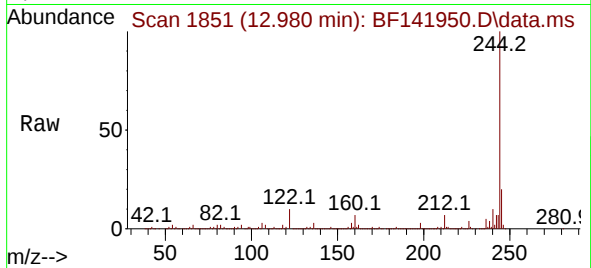
Tgt Ion:202 Resp: 1670794
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.1 14.4 21.6



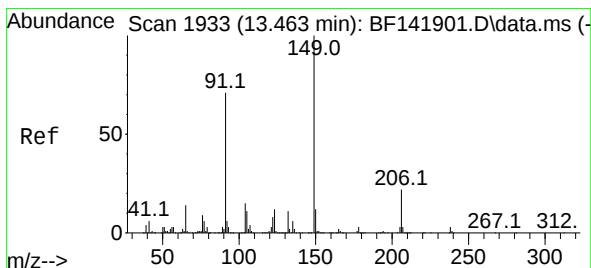
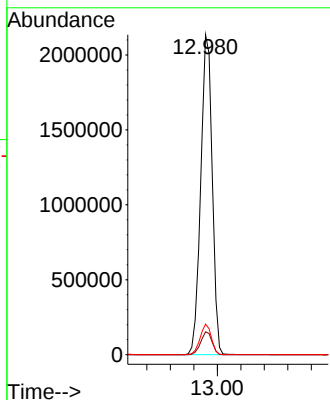
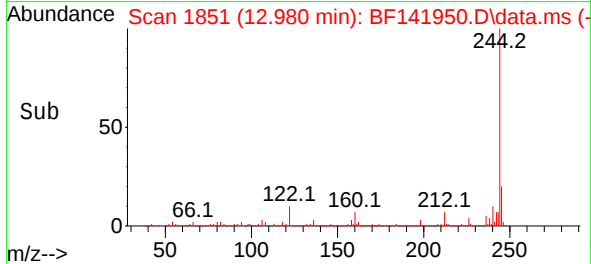


#79
 Terphenyl-d14
 Concen: 108.916 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF141950.D
 Acq: 13 Mar 2025 19:41

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

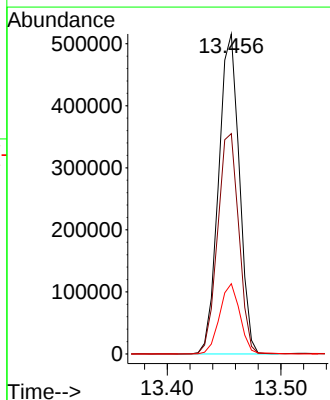
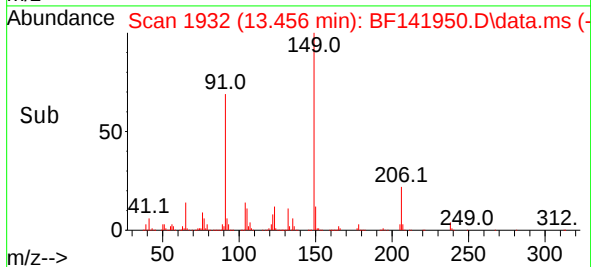
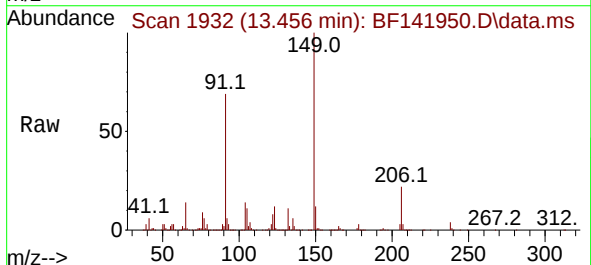


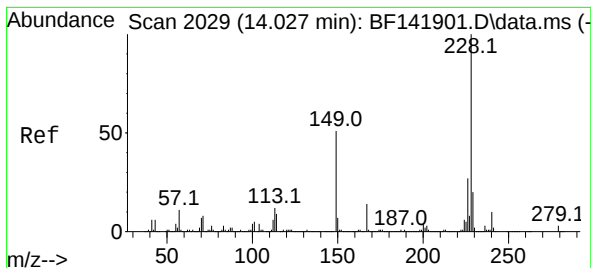
Tgt Ion:244 Resp: 2899941
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 49.054 ng
 RT: 13.456 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF141950.D
 Acq: 13 Mar 2025 19:41

Tgt Ion:149 Resp: 653775
 Ion Ratio Lower Upper
 149 100
 91 68.9 56.5 84.7
 206 21.9 17.3 25.9





#81

Benzo(a)anthracene

Concen: 52.143 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

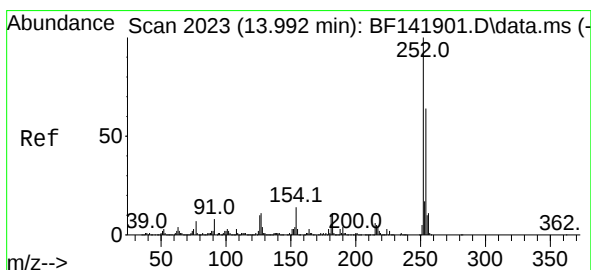
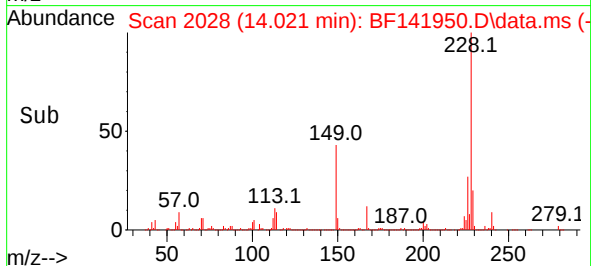
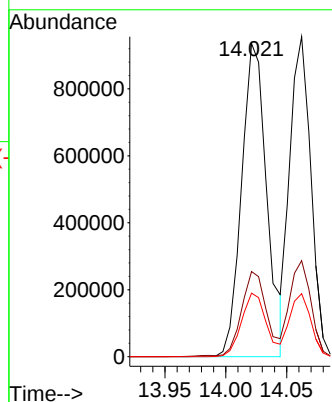
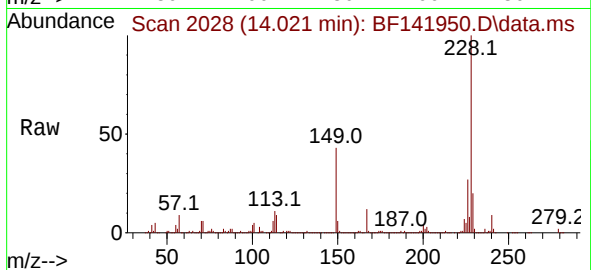
Tgt Ion:228 Resp: 1346905

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 35.175 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

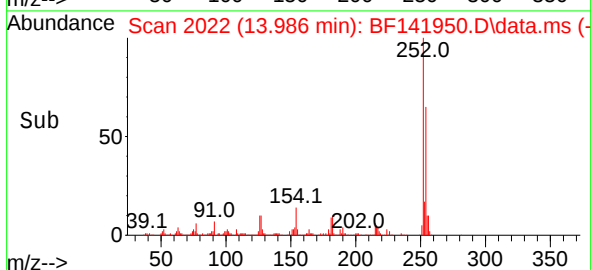
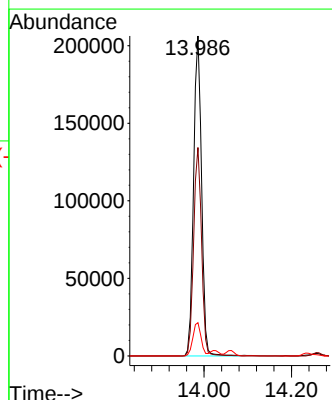
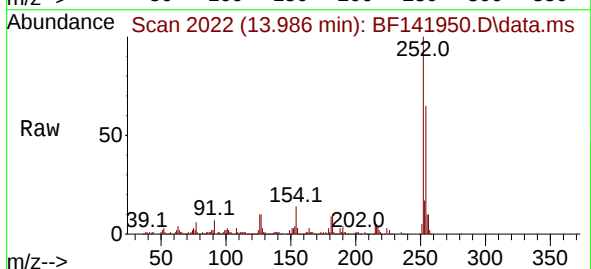
Tgt Ion:252 Resp: 262573

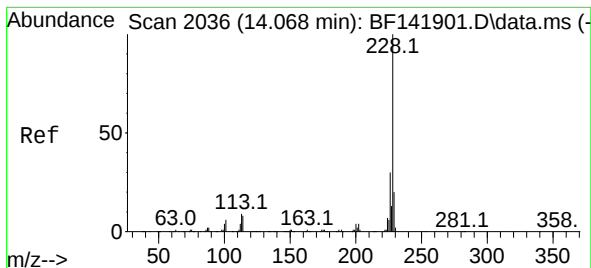
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.6

126 10.4 8.4 12.6





#83

Chrysene

Concen: 49.199 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

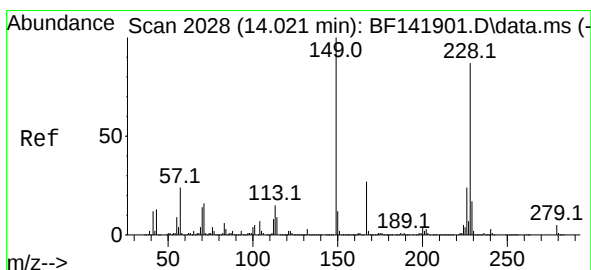
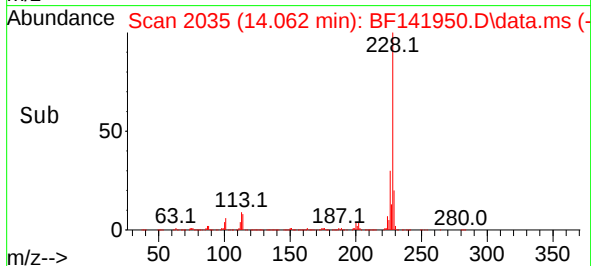
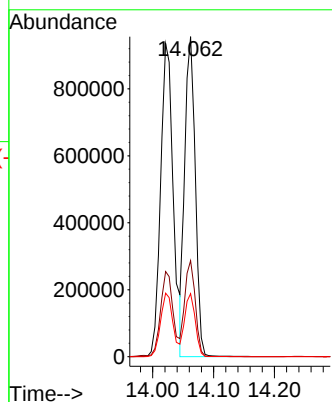
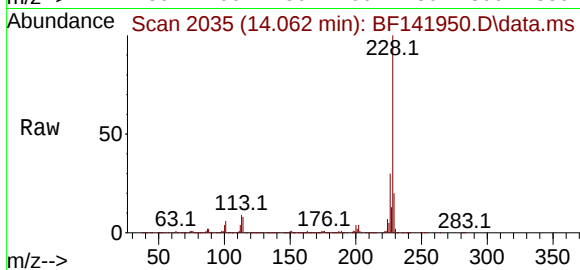
Tgt Ion:228 Resp: 1151991

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.670 ng

RT: 14.009 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

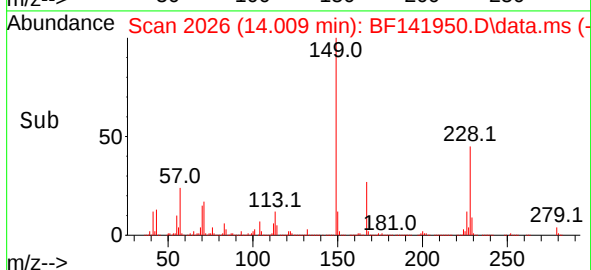
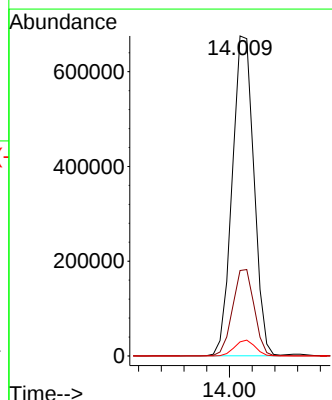
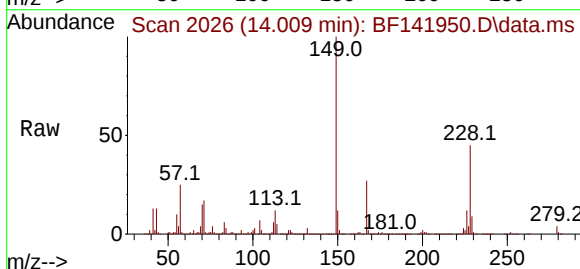
Tgt Ion:149 Resp: 894345

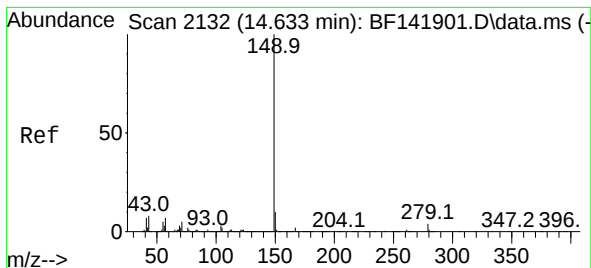
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 52.563 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

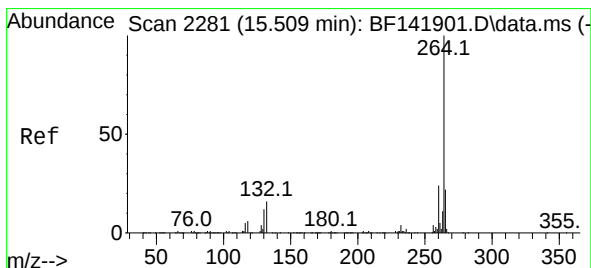
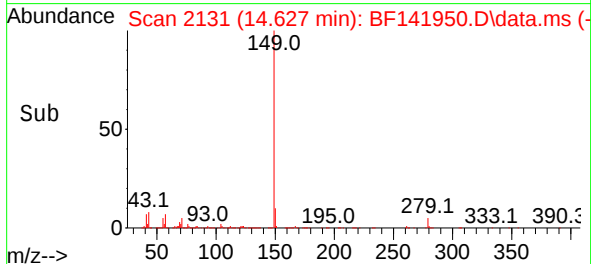
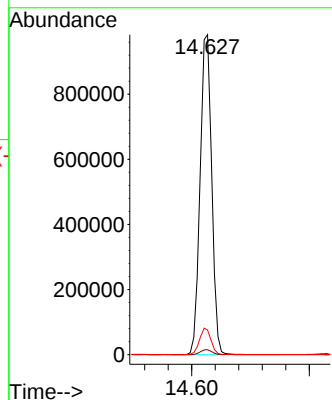
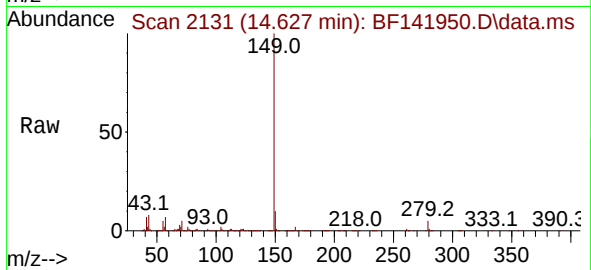
Tgt Ion:149 Resp: 1343945

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: 15.503 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

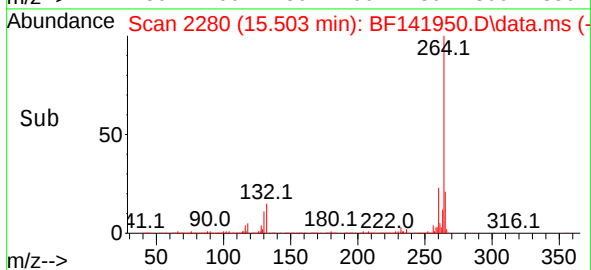
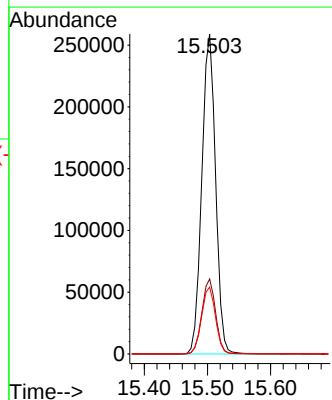
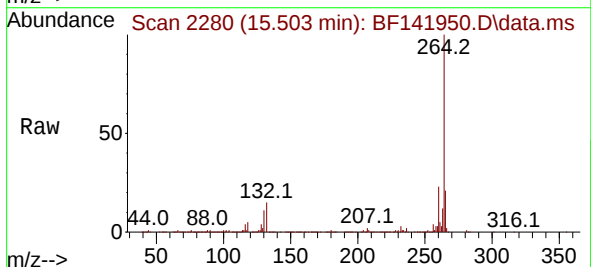
Tgt Ion:264 Resp: 392373

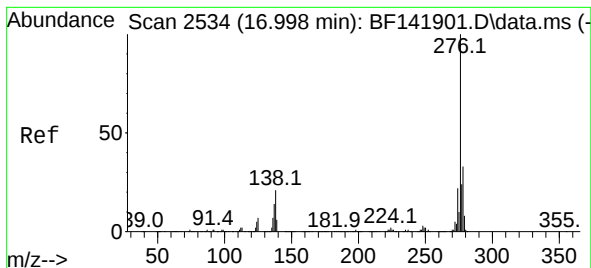
Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 20.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.450 ng

RT: 16.991 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

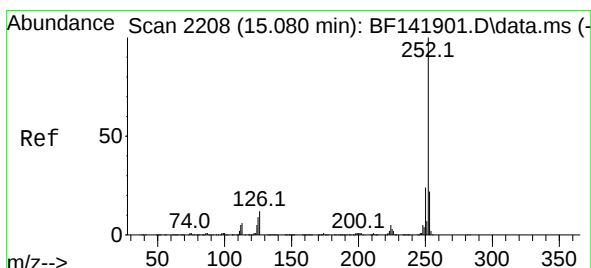
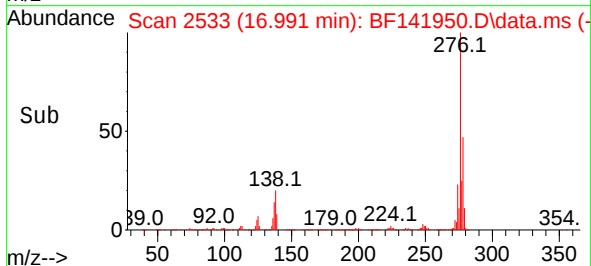
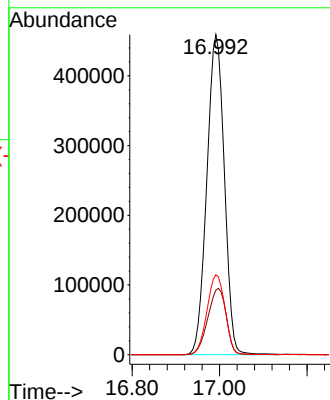
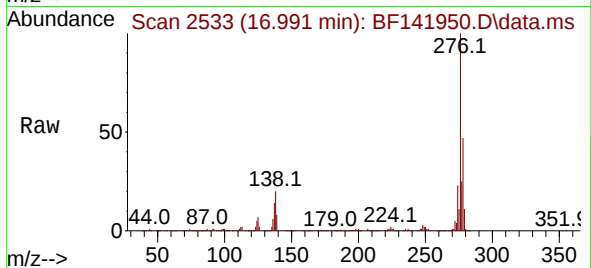
Tgt Ion:276 Resp: 1280525

Ion Ratio Lower Upper

276 100

138 21.8 18.4 27.6

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 44.281 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

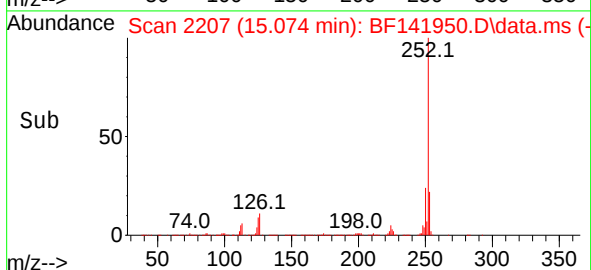
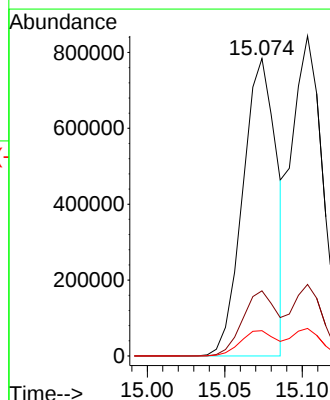
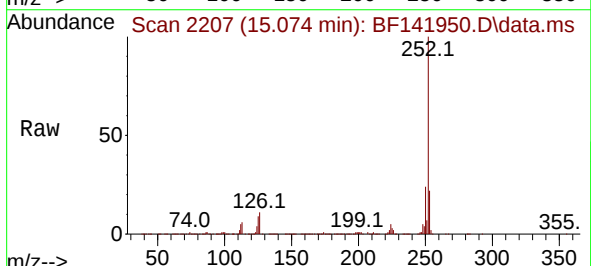
Tgt Ion:252 Resp: 1190786

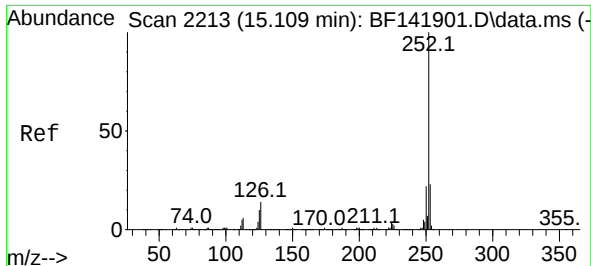
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 50.147 ng

RT: 15.103 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MSD

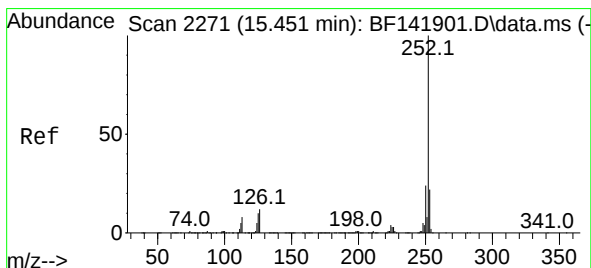
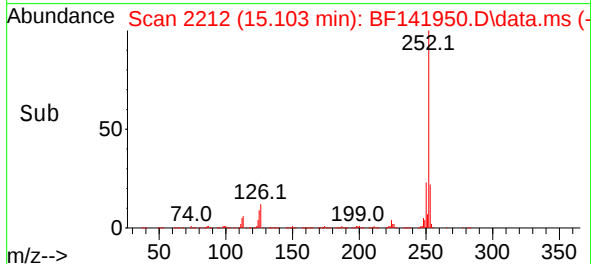
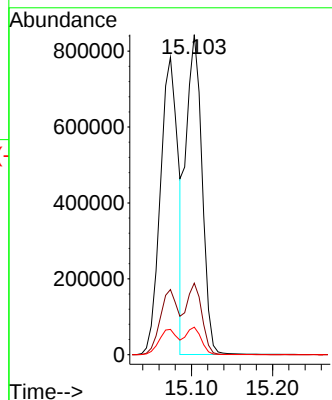
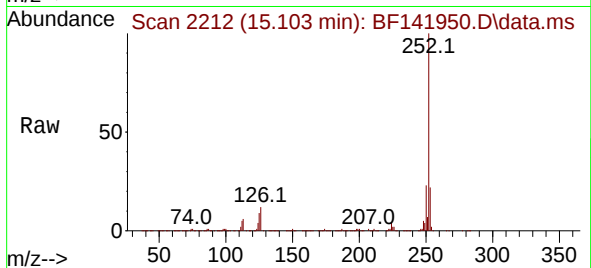
Tgt Ion:252 Resp: 1154032

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 53.202 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF141950.D

Acq: 13 Mar 2025 19:41

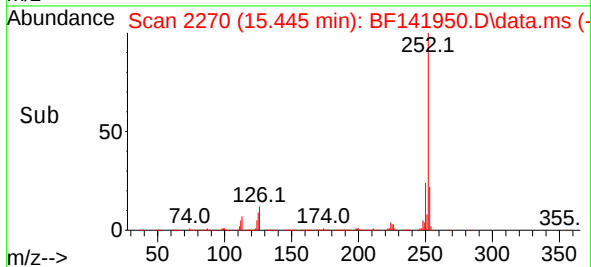
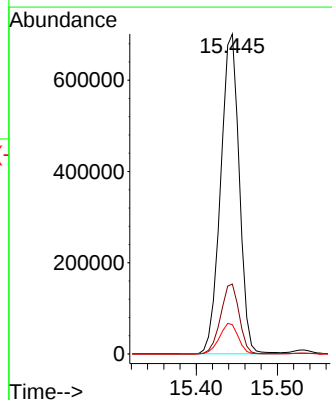
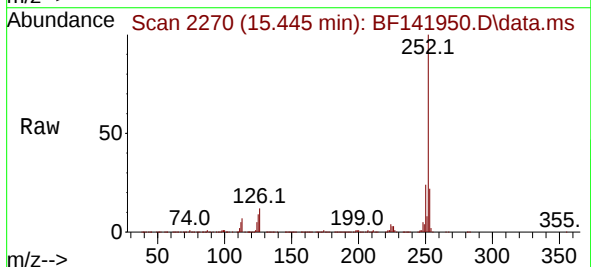
Tgt Ion:252 Resp: 1119459

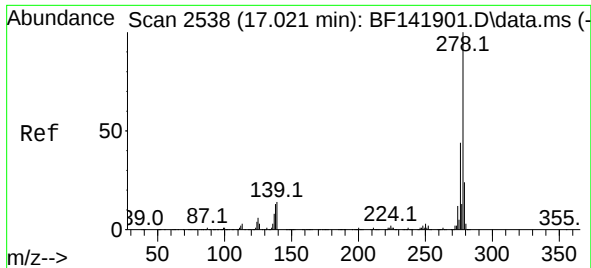
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.1 7.8 11.8

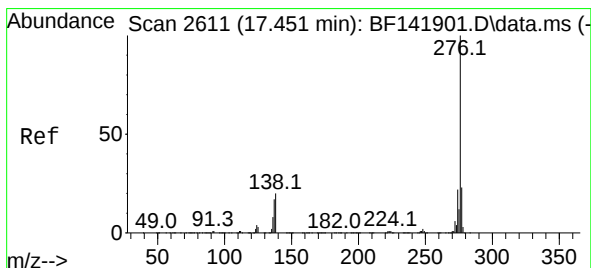
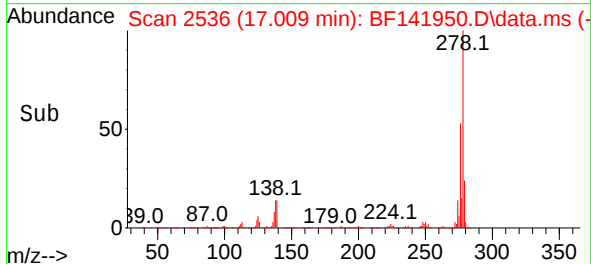
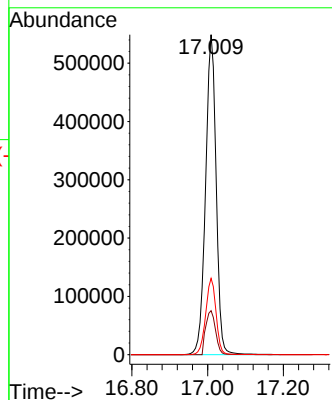
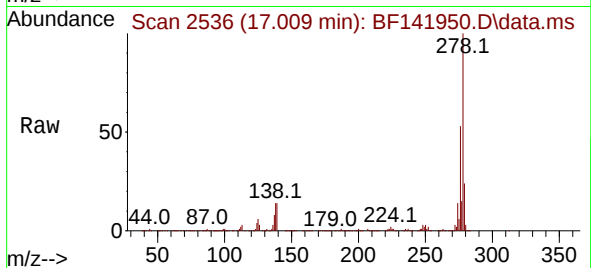




#91
 Dibenzo(a,h)anthracene
 Concen: 50.642 ng
 RT: 17.009 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141950.D
 Acq: 13 Mar 2025 19:41

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

Tgt Ion:278 Resp: 1060554
 Ion Ratio Lower Upper
 278 100
 139 13.8 11.4 17.2
 279 23.9 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 45.296 ng
 RT: 17.439 min Scan# 2609
 Delta R.T. -0.012 min
 Lab File: BF141950.D
 Acq: 13 Mar 2025 19:41

Tgt Ion:276 Resp: 937412
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.7 28.1
 138 18.8 15.8 23.8

