

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141946.D
 Acq On : 13 Mar 2025 17:44
 Operator : RC/JU
 Sample : Q1547-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 13 18:01:07 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	6.875	152	171640	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	694626	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	391787	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	659104	20.000	ng	0.00
76) Chrysene-d12	14.033	240	406603	20.000	ng	0.00
86) Perylene-d12	15.504	264	396481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1145815	111.415	ng	0.01
7) Phenol-d6	6.504	99	1463083	111.736	ng	0.00
23) Nitrobenzene-d5	7.440	82	965046	78.184	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	590081	118.721	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1985122	77.057	ng	0.00
79) Terphenyl-d14	12.980	244	2029986	73.813	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	208520	48.390	ng	98
3) Pyridine	3.522	79	464185	43.915	ng	99
4) n-Nitrosodimethylamine	3.475	42	230563	45.759	ng	99
6) Aniline	6.540	93	262683	20.336	ng	99
8) 2-Chlorophenol	6.657	128	545162	47.796	ng	99
9) Benzaldehyde	6.428	77	164670	22.486	ng	99
10) Phenol	6.516	94	644729	46.803	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	471682	45.601	ng	100
12) 1,3-Dichlorobenzene	6.816	146	570686	46.344	ng	99
13) 1,4-Dichlorobenzene	6.893	146	584066	46.878	ng	100
14) 1,2-Dichlorobenzene	7.045	146	558811	47.618	ng	98
15) Benzyl Alcohol	7.016	79	493068	46.578	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	545170	43.656	ng	99
17) 2-Methylphenol	7.128	107	438907	48.397	ng	98
18) Hexachloroethane	7.387	117	217086	46.464	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	373337	44.372	ng	99
20) 3+4-Methylphenols	7.275	107	554311	47.719	ng	93
22) Acetophenone	7.287	105	824632	49.573	ng	99
24) Nitrobenzene	7.457	77	564267	45.985	ng	100
25) Isophorone	7.698	82	1028633	47.145	ng	99
26) 2-Nitrophenol	7.775	139	292348	48.543	ng	99
27) 2,4-Dimethylphenol	7.804	122	480148	57.900	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	610503	44.612	ng	99
29) 2,4-Dichlorophenol	8.010	162	473993	46.050	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	513088	45.233	ng	99
31) Naphthalene	8.181	128	1586831	44.472	ng	100
32) Benzoic acid	7.934	122	401708	55.108	ng	99
33) 4-Chloroaniline	8.222	127	81050	6.434	ng	99
34) Hexachlorobutadiene	8.298	225	338447	45.751	ng	99
35) Caprolactam	8.598	113	89277	28.449	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	522430	45.500	ng	98
37) 2-Methylnaphthalene	8.869	142	1041655	43.675	ng	100
38) 1-Methylnaphthalene	8.969	142	1009701	43.871	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	619956	51.973	ng	98
41) Hexachlorocyclopentadiene	9.022	237	729682	156.307	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	372103	47.732	ng	99

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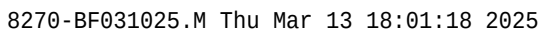
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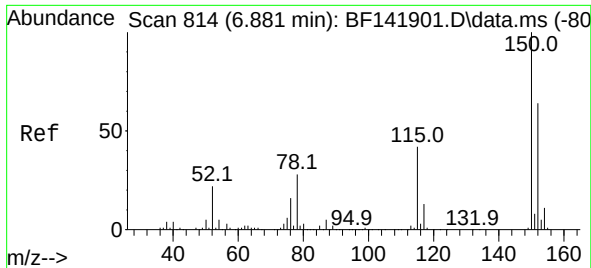
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	380937	48.248	ng	100
46) 1,1'-Biphenyl	9.334	154	1509712	50.715	ng	99
47) 2-Chloronaphthalene	9.357	162	1043409	47.026	ng	99
48) 2-Nitroaniline	9.451	65	303513	47.244	ng	98
49) Acenaphthylene	9.775	152	1593580	48.399	ng	100
50) Dimethylphthalate	9.634	163	1254596	45.728	ng	100
51) 2,6-Dinitrotoluene	9.698	165	271364	47.504	ng	94
52) Acenaphthene	9.945	154	1206598	52.146	ng	99
53) 3-Nitroaniline	9.863	138	102923	17.762	ng	97
54) 2,4-Dinitrophenol	9.969	184	331534	100.328	ng	# 50
55) Dibenzofuran	10.122	168	1465045	44.311	ng	99
56) 4-Nitrophenol	10.022	139	445552	101.962	ng	100
57) 2,4-Dinitrotoluene	10.098	165	370531	49.662	ng	97
58) Fluorene	10.463	166	1160086	45.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	333083	46.361	ng	99
60) Diethylphthalate	10.333	149	1228074	44.891	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	606705	45.641	ng	99
62) 4-Nitroaniline	10.481	138	254987	45.200	ng	98
63) Azobenzene	10.616	77	1291417	50.775	ng	93
65) 4,6-Dinitro-2-methylph...	10.504	198	209115	53.221	ng	99
66) n-Nitrosodiphenylamine	10.575	169	1004229	47.083	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	387353	46.795	ng	97
68) Hexachlorobenzene	11.010	284	439070	48.363	ng	96
69) Atrazine	11.098	200	398467	60.941	ng	99
70) Pentachlorophenol	11.198	266	556521	99.492	ng	100
71) Phenanthrene	11.422	178	1686565	47.375	ng	100
72) Anthracene	11.475	178	1686427	47.217	ng	100
73) Carbazole	11.628	167	1413337	45.884	ng	100
74) Di-n-butylphthalate	11.957	149	1828098	44.728	ng	100
75) Fluoranthene	12.610	202	1654964	43.824	ng	99
77) Benzidine	12.727	184	413196	72.837	ng	99
78) Pyrene	12.839	202	1631390	46.384	ng	100
80) Butylbenzylphthalate	13.457	149	624824	45.388	ng	99
81) Benzo(a)anthracene	14.021	228	1322113	49.552	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	197679	25.637	ng	98
83) Chrysene	14.063	228	1118088	46.229	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	843728	44.452	ng	100
85) Di-n-octyl phthalate	14.621	149	1292537	48.942	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1287978	50.218	ng	98
88) Benzo(b)fluoranthene	15.074	252	1160054	42.691	ng	100
89) Benzo(k)fluoranthene	15.104	252	1093471	47.023	ng	99
90) Benzo(a)pyrene	15.445	252	1060301	49.869	ng	99
91) Dibenzo(a,h)anthracene	17.010	278	1050607	49.647	ng	100
92) Benzo(g,h,i)perylene	17.439	276	963917	46.095	ng	98

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

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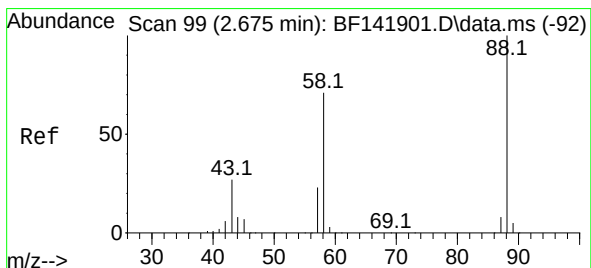
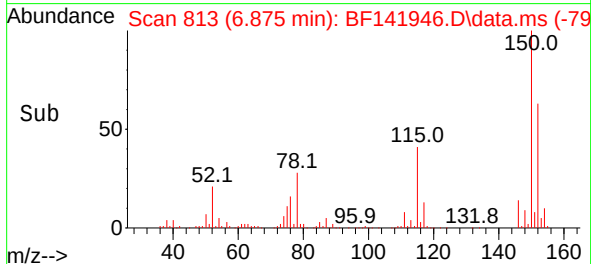
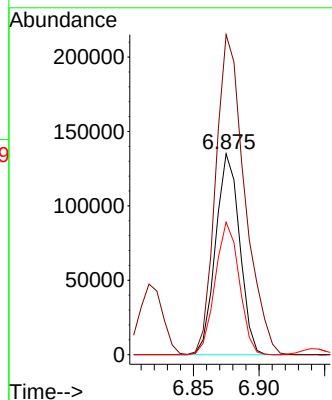
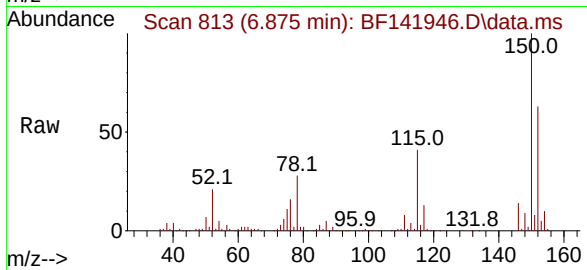




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

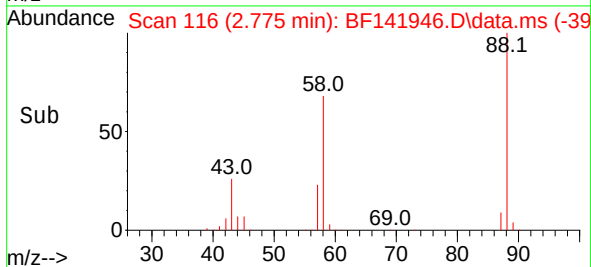
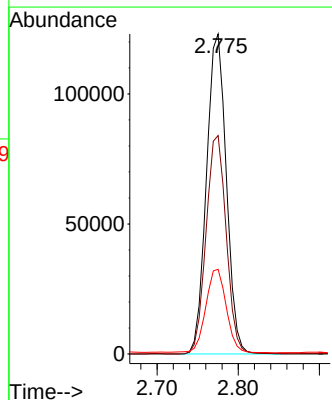
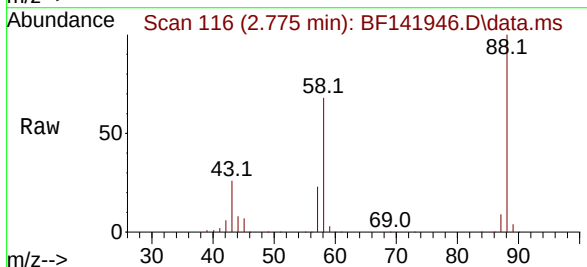
Instrument :
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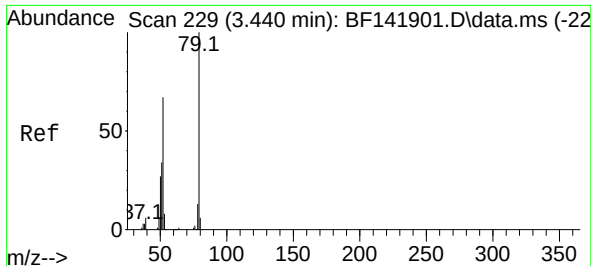
Tgt Ion:152 Resp: 171640
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.2
115 65.9 51.9 77.9



#2
1,4-Dioxane
Concen: 48.390 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.100 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion: 88 Resp: 208520
Ion Ratio Lower Upper
88 100
58 69.5 57.4 86.2
43 27.1 21.5 32.3





#3

Pyridine

Concen: 43.915 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.083 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

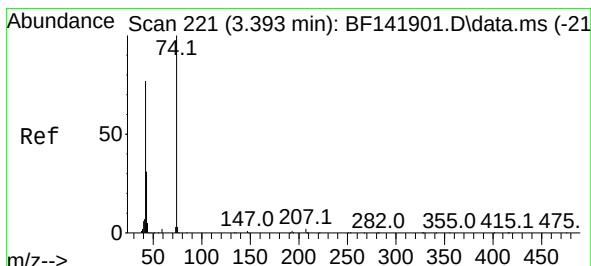
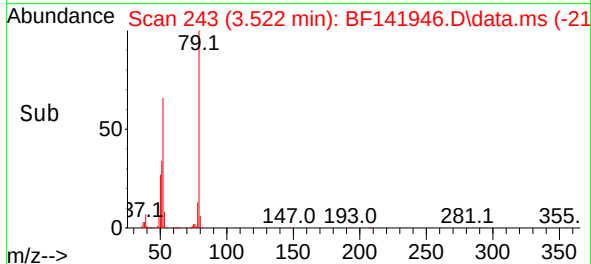
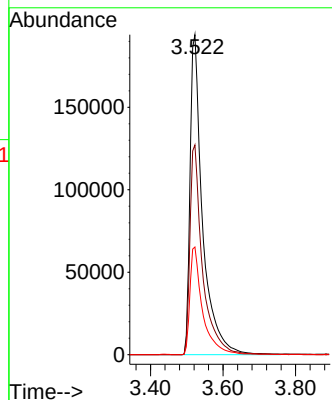
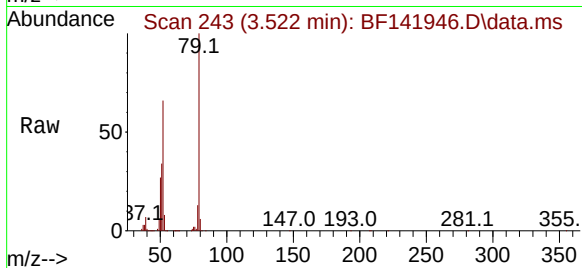
Tgt Ion: 79 Resp: 464185

Ion Ratio Lower Upper

79 100

52 65.6 53.3 79.9

51 33.7 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 45.759 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.083 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

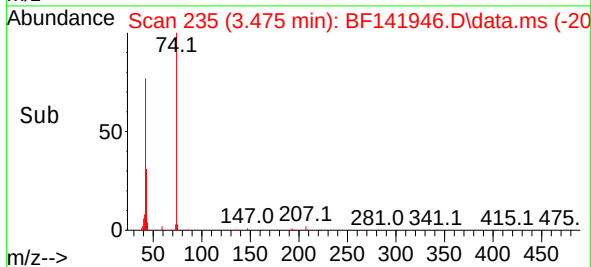
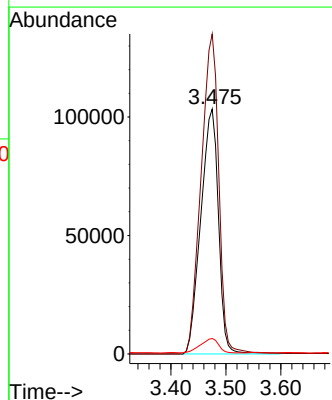
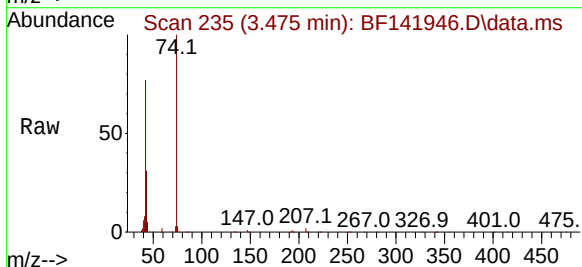
Tgt Ion: 42 Resp: 230563

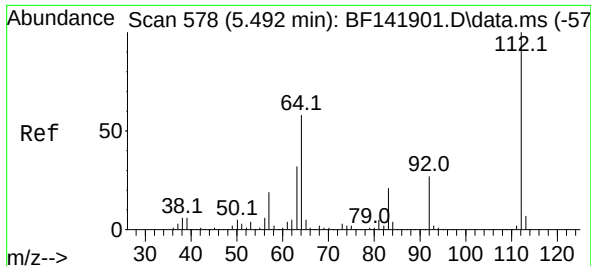
Ion Ratio Lower Upper

42 100

74 130.6 103.4 155.0

44 6.3 5.0 7.4

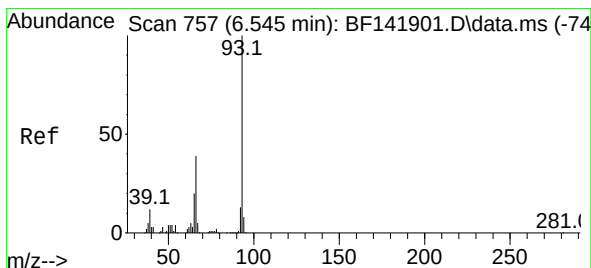
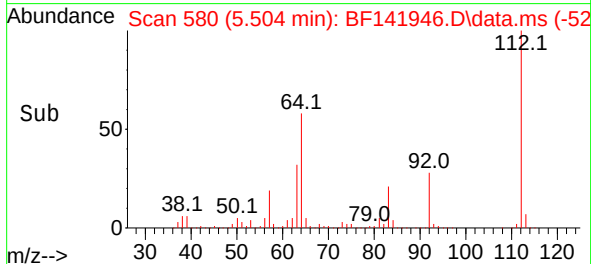
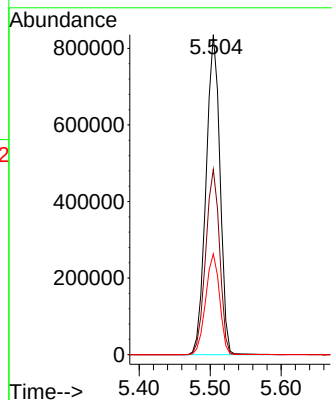
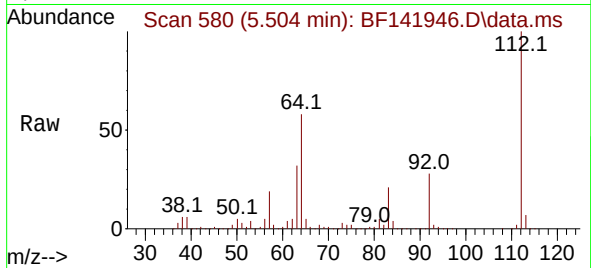




#5
2-Fluorophenol
Concen: 111.415 ng
RT: 5.504 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

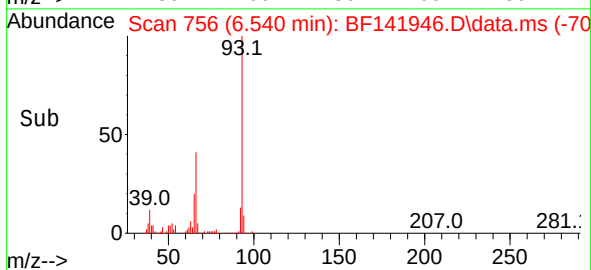
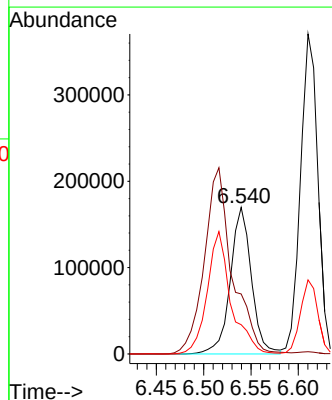
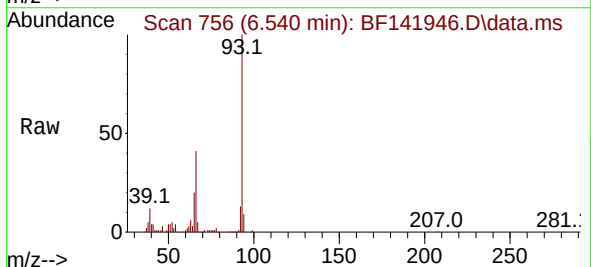
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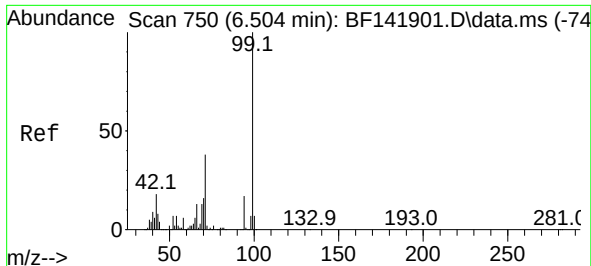
Tgt Ion:112 Resp: 1145815
Ion Ratio Lower Upper
112 100
64 57.9 46.5 69.7
63 31.5 25.4 38.2



#6
Aniline
Concen: 20.336 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion: 93 Resp: 262683
Ion Ratio Lower Upper
93 100
66 41.0 31.9 47.9
65 20.0 15.8 23.6



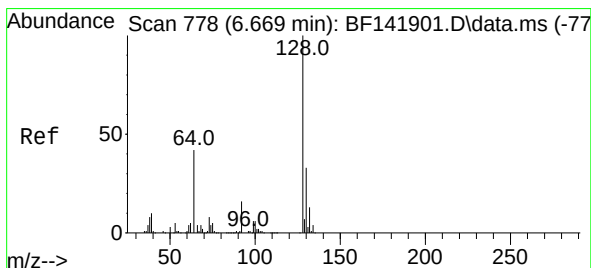
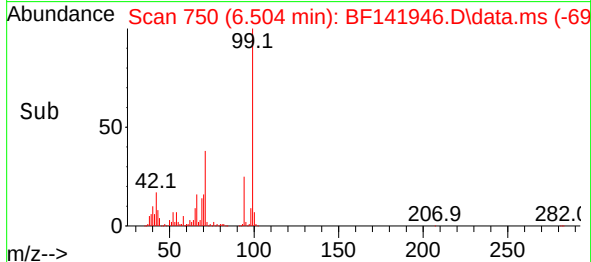
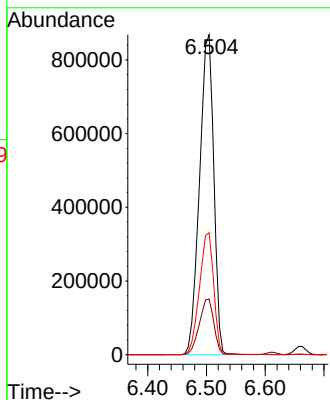
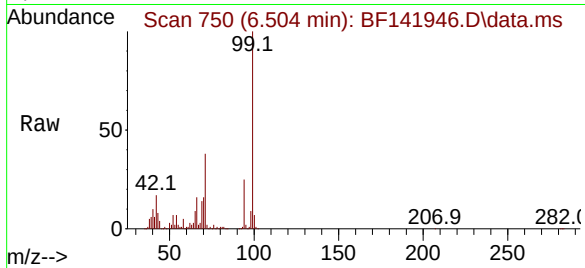


#7
Phenol-d6
Concen: 111.736 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

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

Tgt Ion: 99 Resp: 1463083

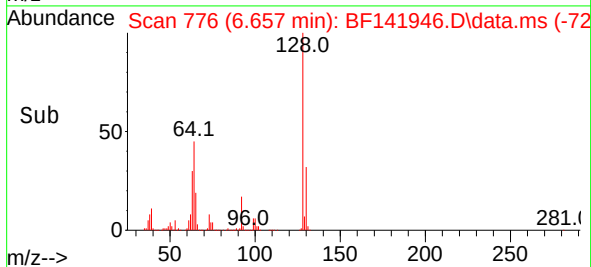
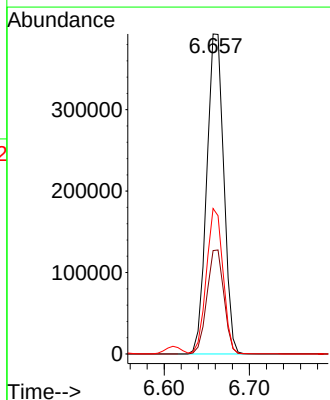
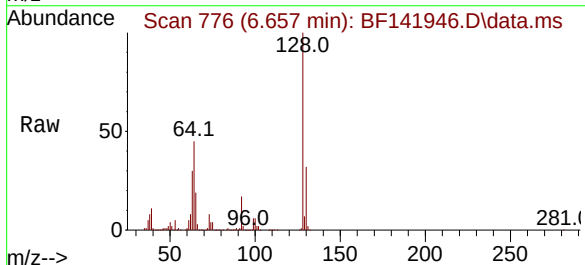
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.6	21.8
71	38.1	30.8	46.2

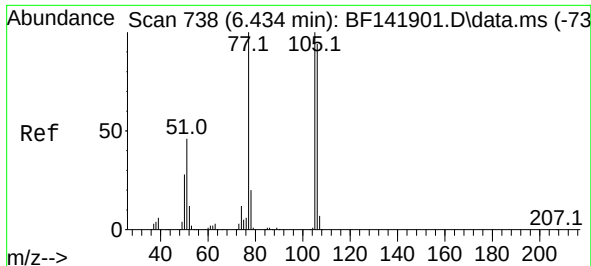


#8
2-Chlorophenol
Concen: 47.796 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:128 Resp: 545162

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	45.4	24.4	64.4

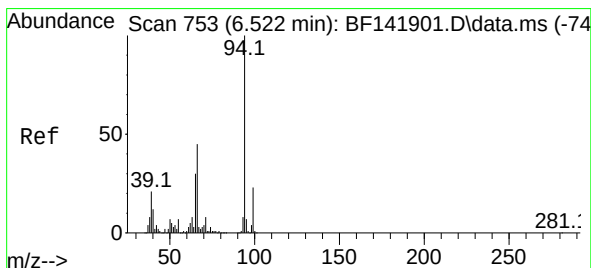
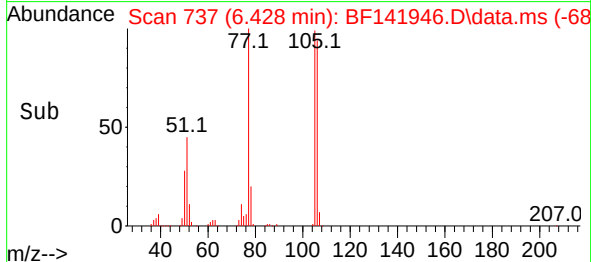
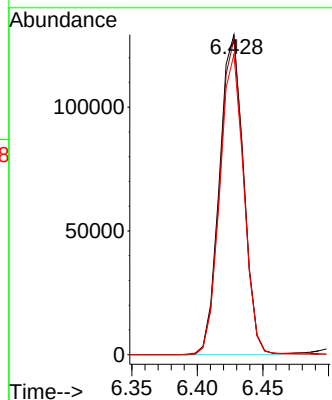
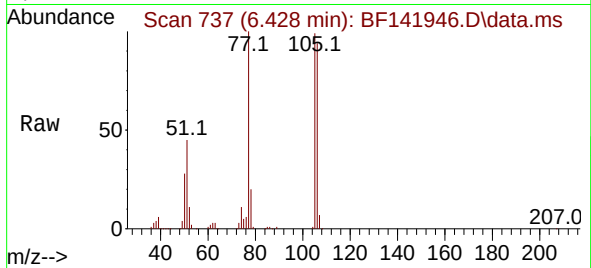




#9
Benzaldehyde
Concen: 22.486 ng
RT: 6.428 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

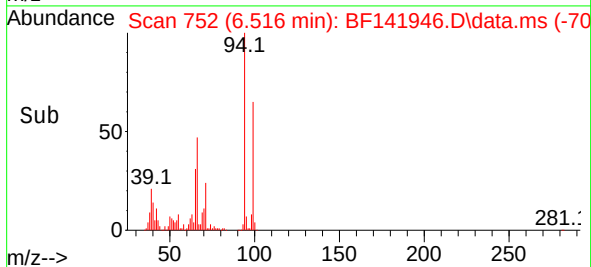
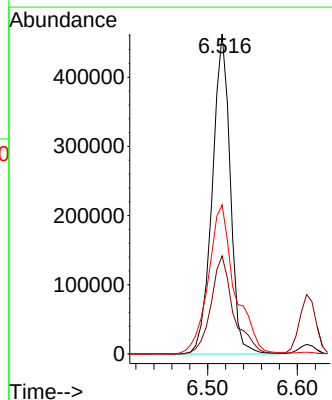
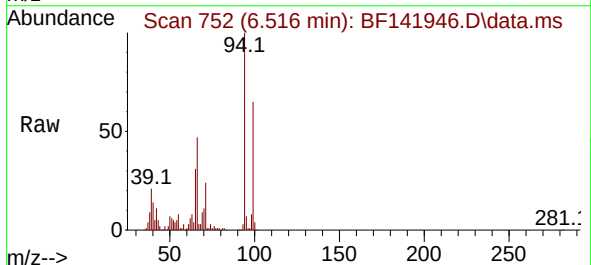
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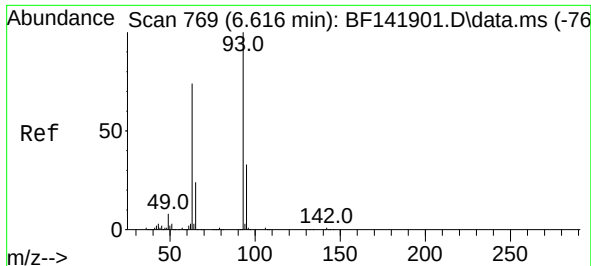
Tgt Ion: 77 Resp: 164670
Ion Ratio Lower Upper
77 100
105 98.7 80.0 120.0
106 93.9 74.5 114.5



#10
Phenol
Concen: 46.803 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion: 94 Resp: 644729
Ion Ratio Lower Upper
94 100
65 30.6 10.5 50.5
66 46.6 25.8 65.8

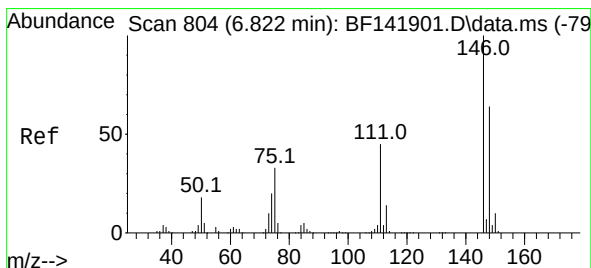
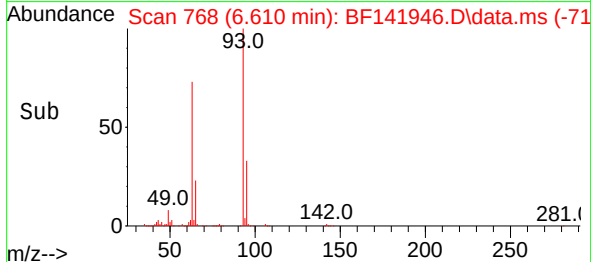
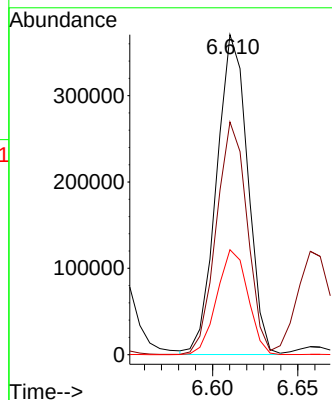
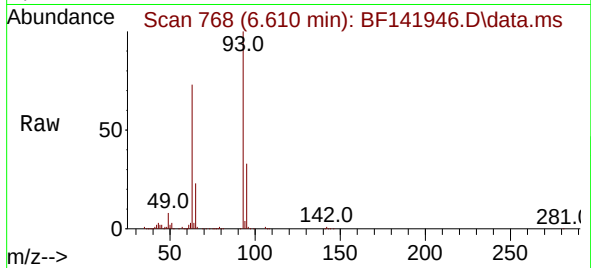




#11
bis(2-Chloroethyl)ether
Concen: 45.601 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

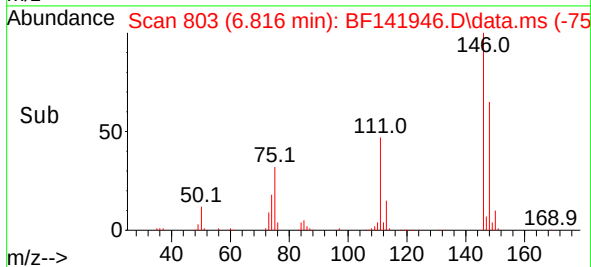
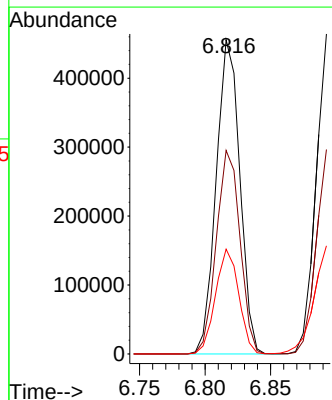
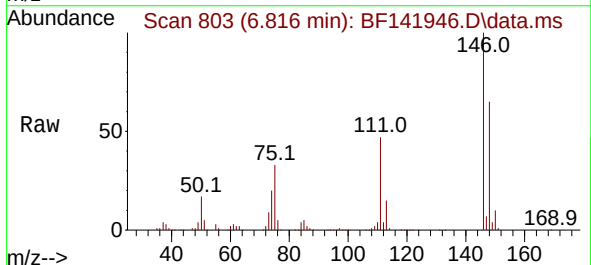
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

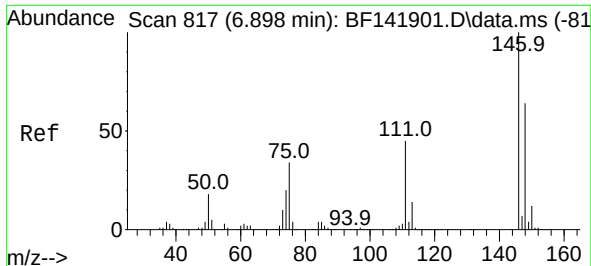
Tgt Ion: 93 Resp: 471682
Ion Ratio Lower Upper
93 100
63 72.7 53.0 93.0
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.344 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:146 Resp: 570686
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 33.4 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 46.878 ng

RT: 6.893 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

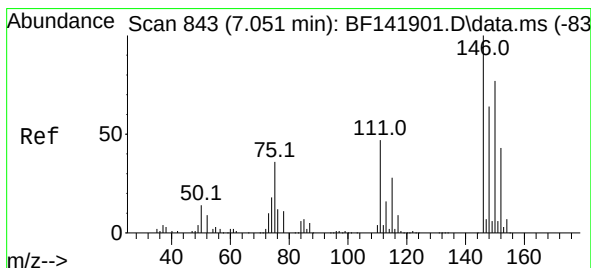
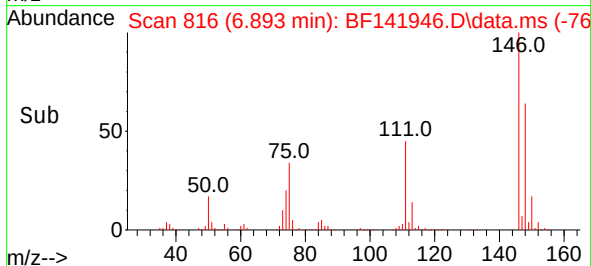
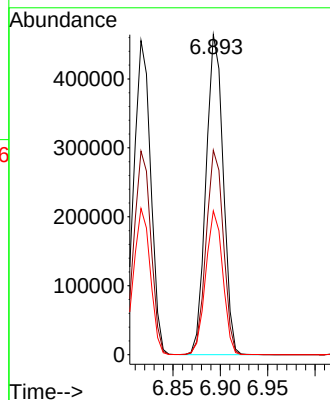
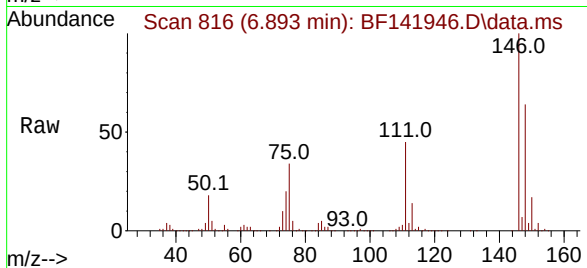
Tgt Ion:146 Resp: 584066

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 44.9 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 47.618 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

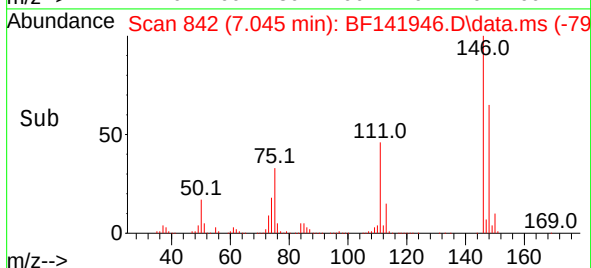
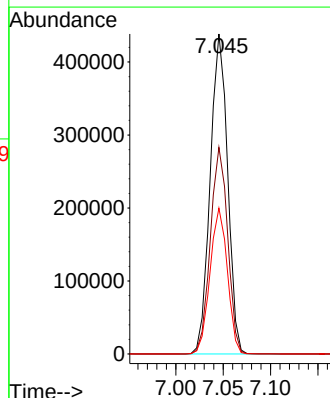
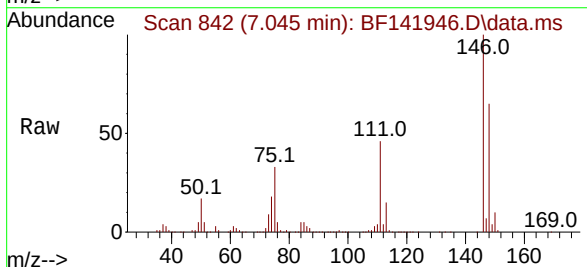
Tgt Ion:146 Resp: 558811

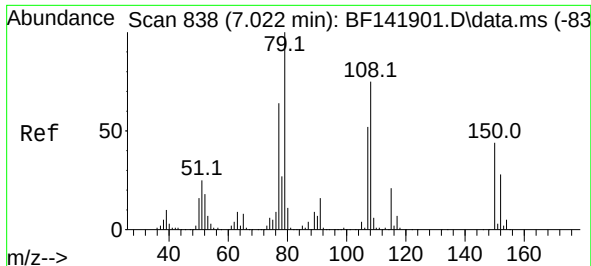
Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

111 45.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 46.578 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

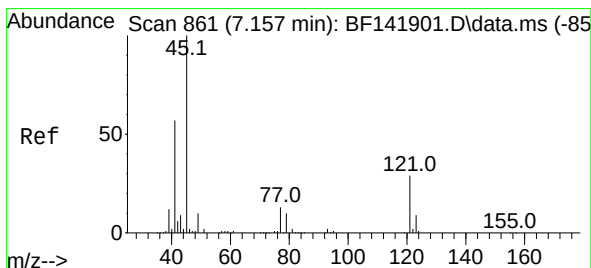
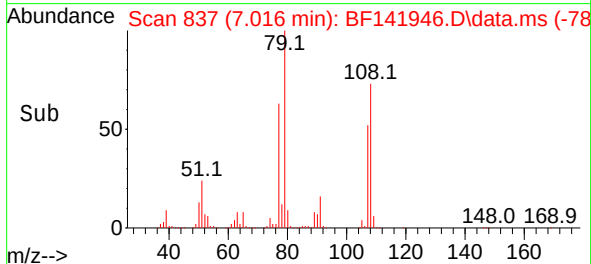
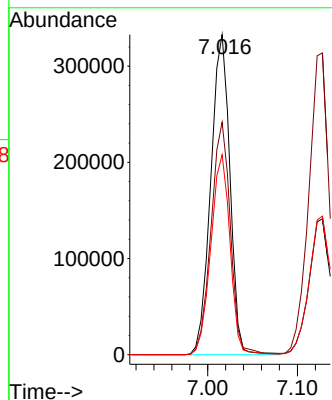
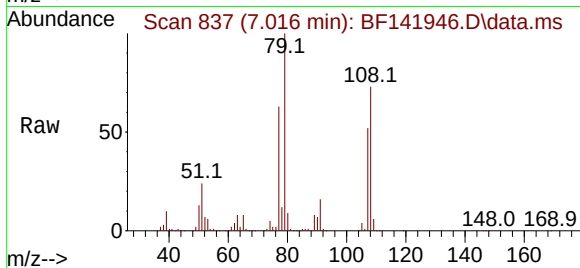
Tgt Ion: 79 Resp: 493068

Ion Ratio Lower Upper

79 100

108 72.6 59.7 89.5

77 62.5 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.656 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

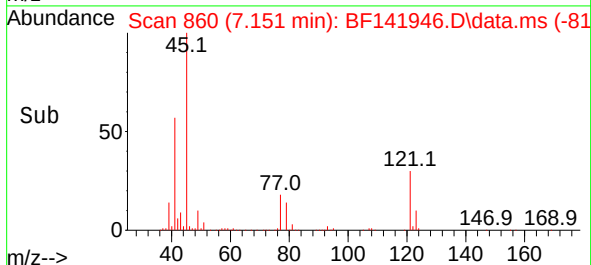
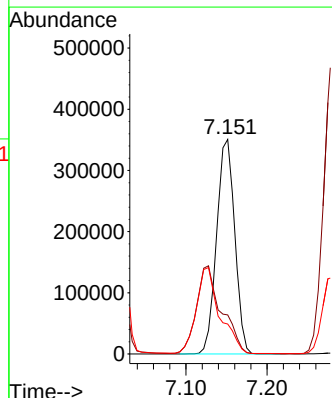
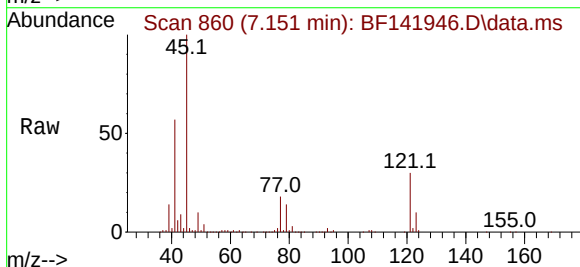
Tgt Ion: 45 Resp: 545170

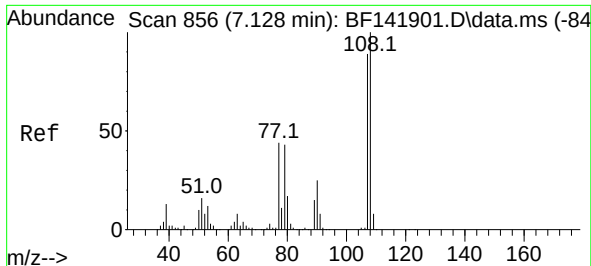
Ion Ratio Lower Upper

45 100

77 18.2 0.0 37.8

79 14.0 0.0 34.2

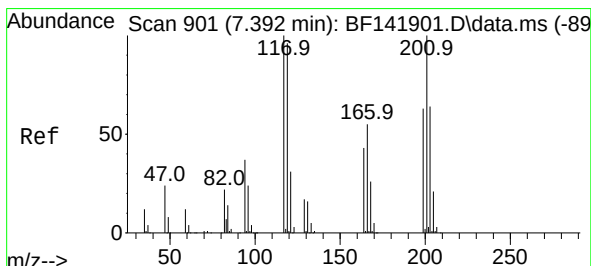
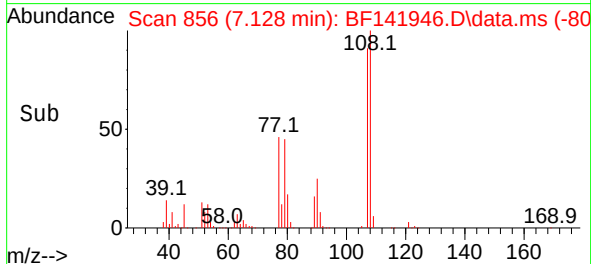
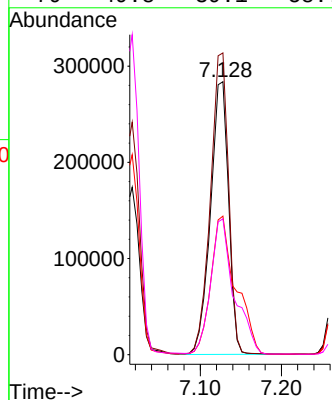
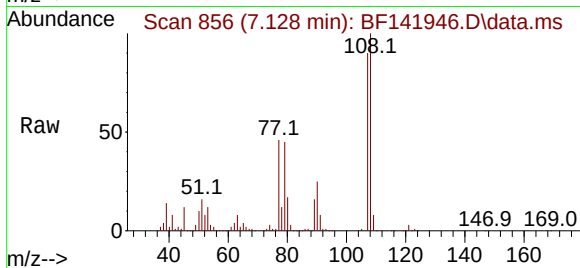




#17
2-Methylphenol
Concen: 48.397 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

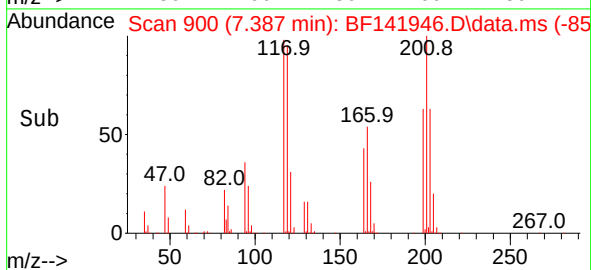
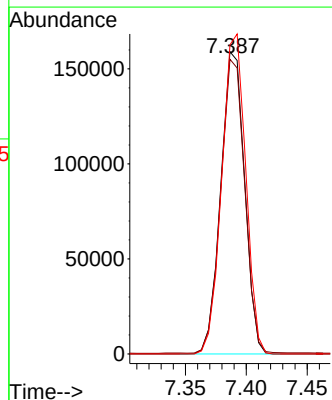
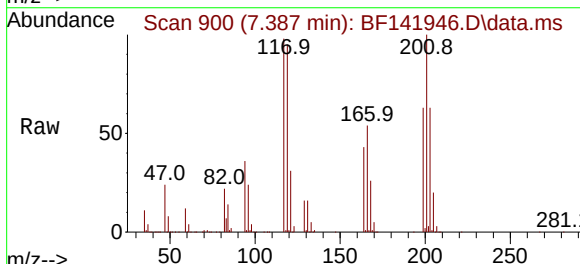
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

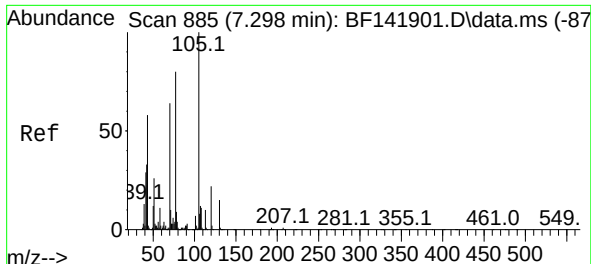
Tgt Ion:	107	Resp:	438907
Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.2	135.2
77	50.8	39.6	59.4
79	49.8	39.1	58.7



#18
Hexachloroethane
Concen: 46.464 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:	117	Resp:	217086
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.9	115.3
201	102.3	79.9	119.9

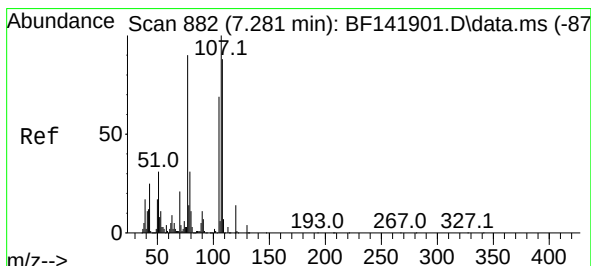
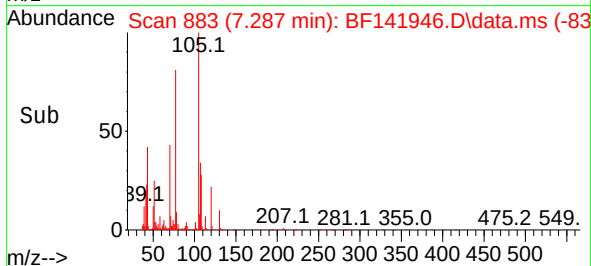
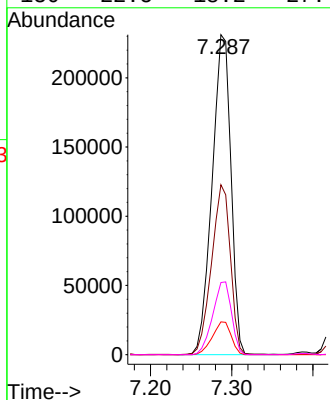
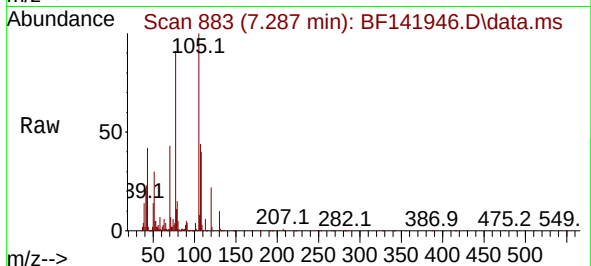




#19
n-Nitroso-di-n-propylamine
Concen: 44.372 ng
RT: 7.287 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

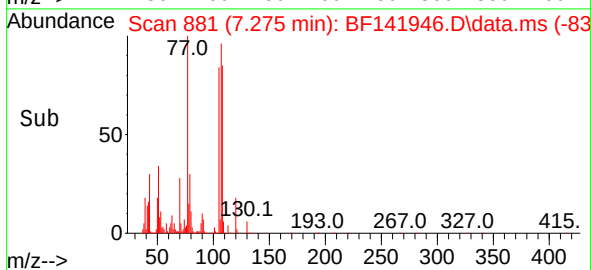
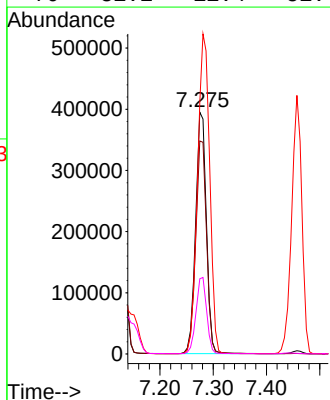
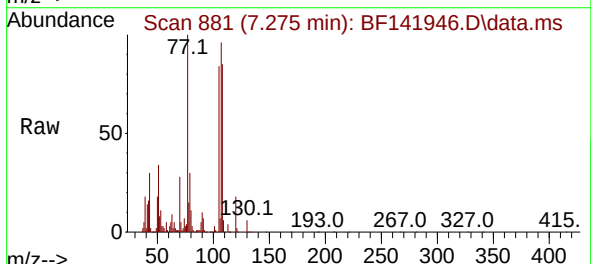
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

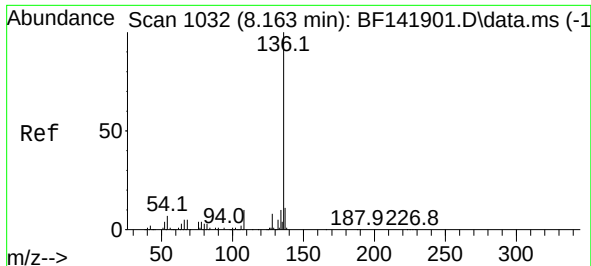
Tgt Ion: 70 Resp: 373337
Ion Ratio Lower Upper
70 100
42 53.1 41.4 62.0
101 10.2 8.2 12.2
130 22.5 18.2 27.4



#20
3+4-Methylphenols
Concen: 47.719 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:107 Resp: 554311
Ion Ratio Lower Upper
107 100
108 88.1 68.4 108.4
77 104.0 69.7 109.7
79 31.1 11.4 51.4

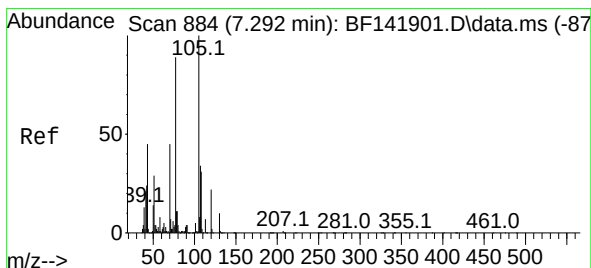
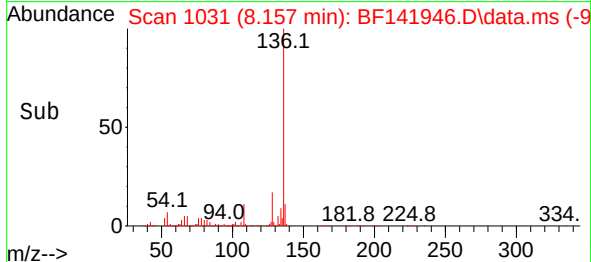
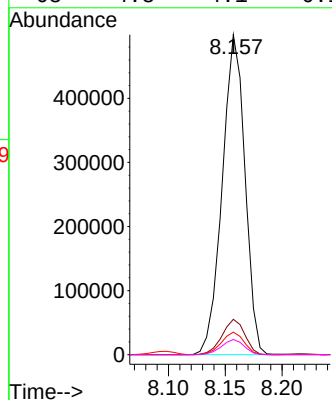
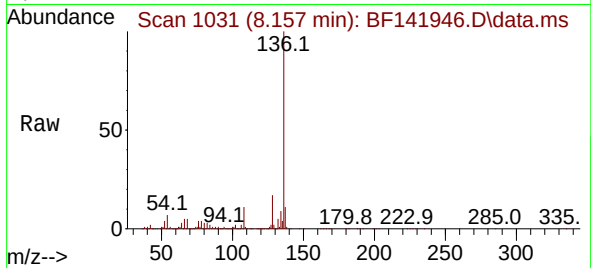




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

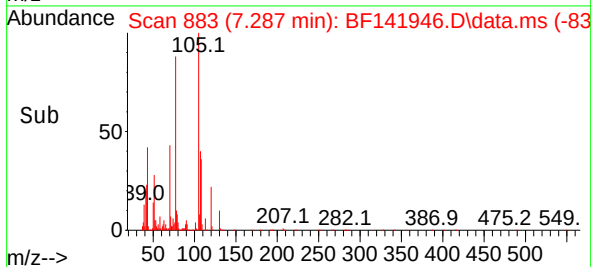
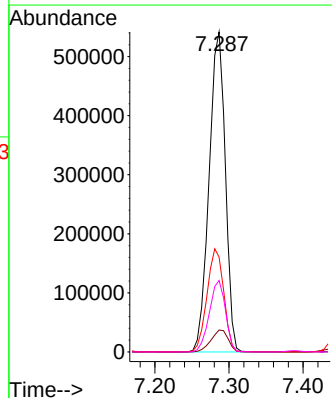
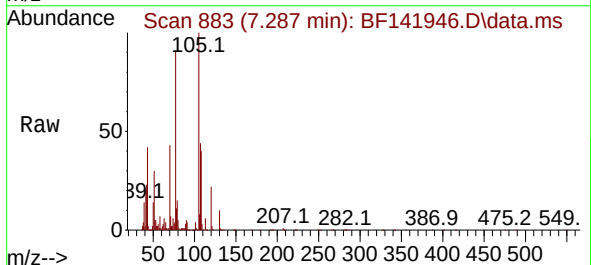
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

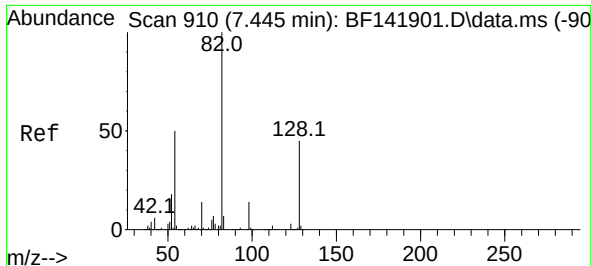
Tgt Ion:136 Resp: 694626
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.8 8.8
68 4.8 4.1 6.1



#22
Acetophenone
Concen: 49.573 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:105 Resp: 824632
Ion Ratio Lower Upper
105 100
71 6.8 5.8 8.8
51 29.6 23.4 35.0
120 22.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 78.184 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

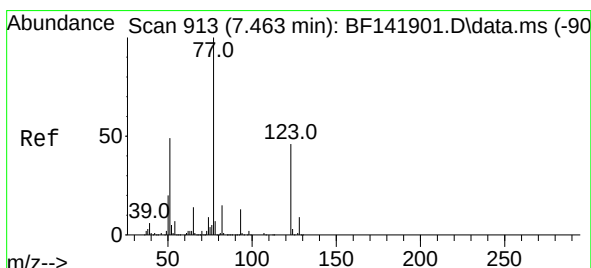
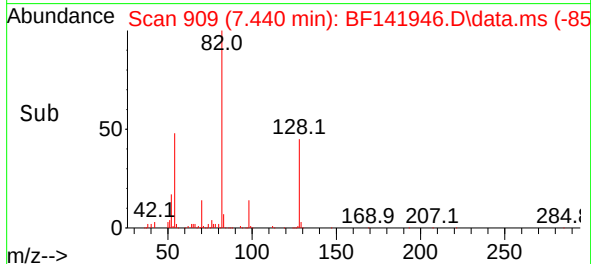
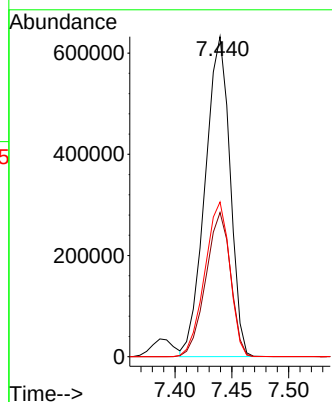
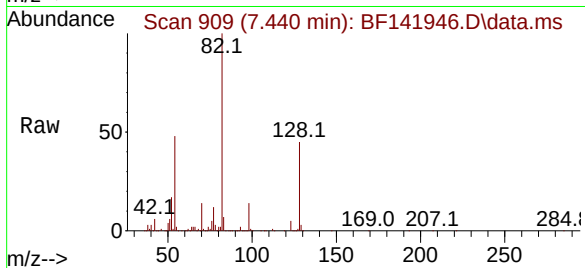
Tgt Ion: 82 Resp: 965046

Ion Ratio Lower Upper

82 100

128 45.0 36.0 54.0

54 48.3 39.6 59.4



#24

Nitrobenzene

Concen: 45.985 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

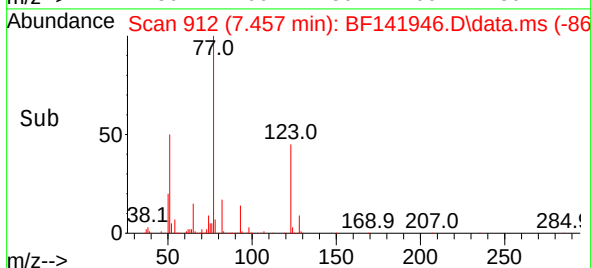
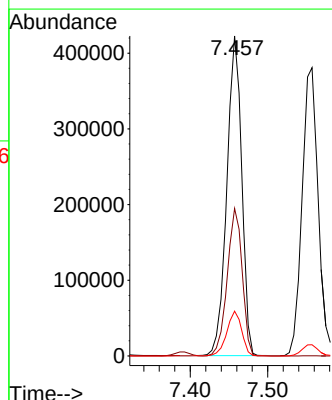
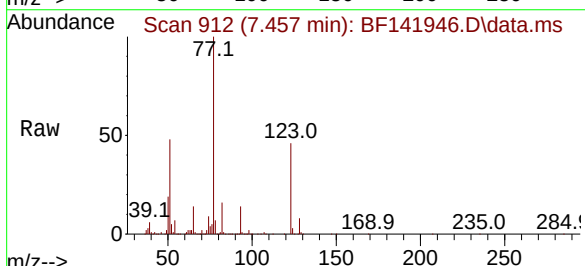
Tgt Ion: 77 Resp: 564267

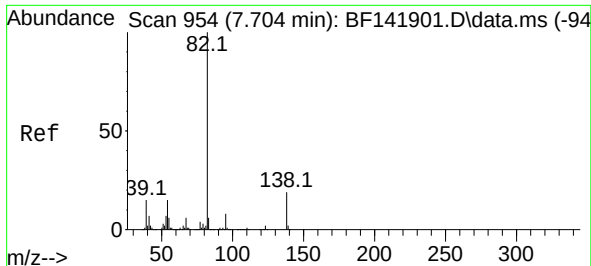
Ion Ratio Lower Upper

77 100

123 46.1 37.0 55.4

65 14.0 11.3 16.9

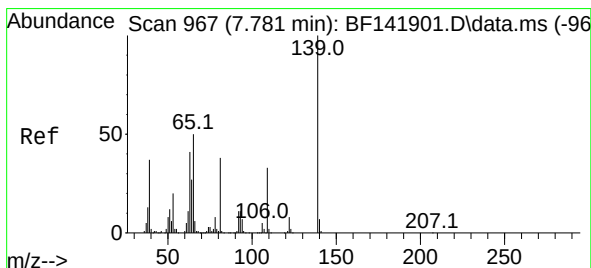
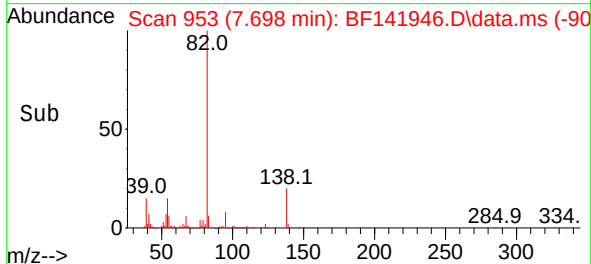
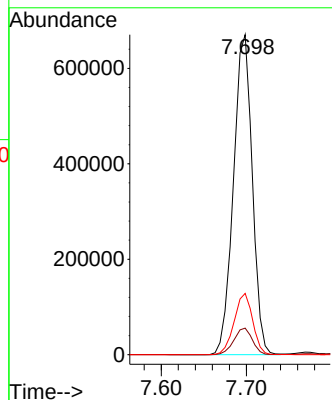
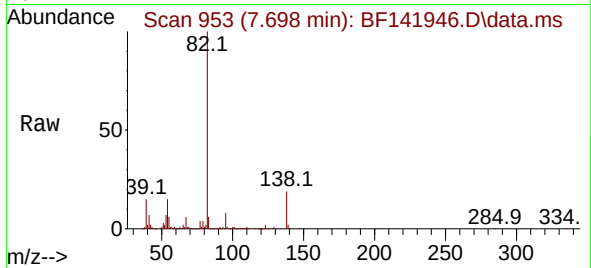




#25
Isophorone
Concen: 47.145 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

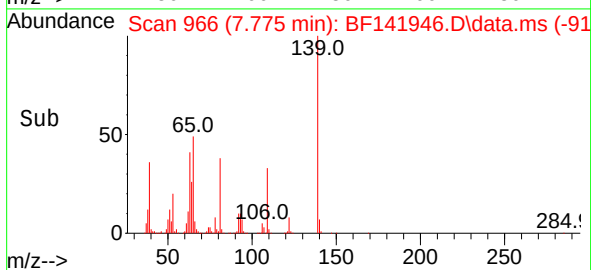
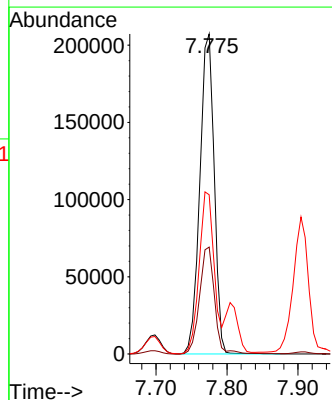
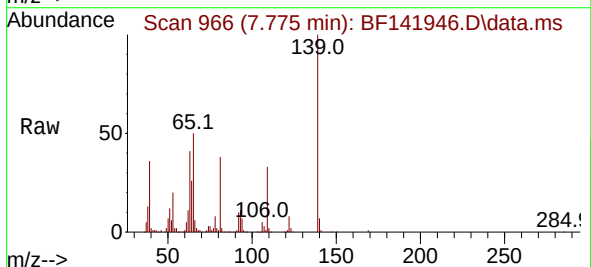
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

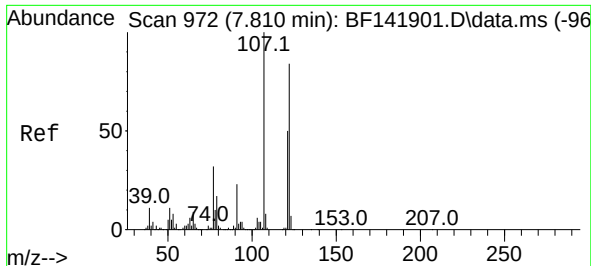
Tgt Ion: 82 Resp: 1028633
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 48.543 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:139 Resp: 292348
Ion Ratio Lower Upper
139 100
109 33.4 26.5 39.7
65 49.7 40.3 60.5

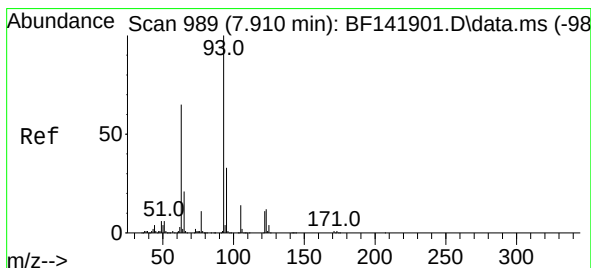
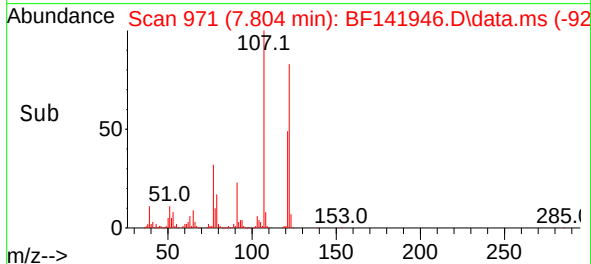
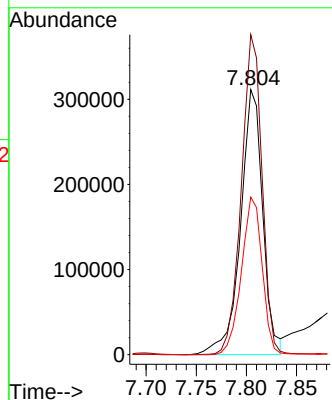
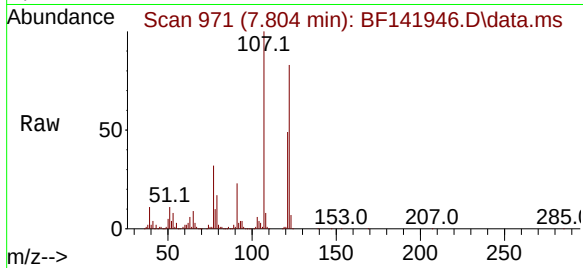




#27
2,4-Dimethylphenol
Concen: 57.900 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

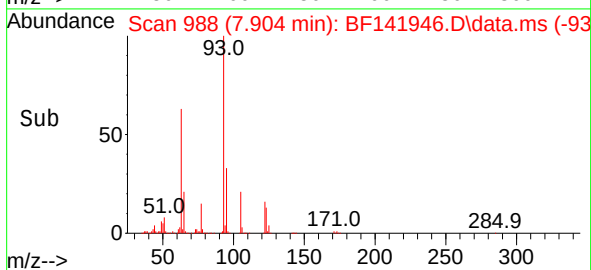
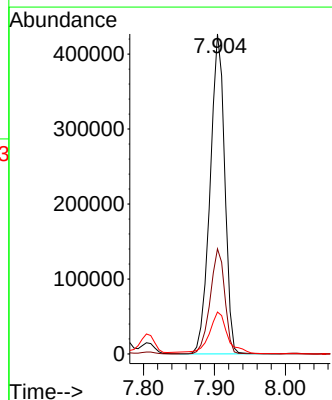
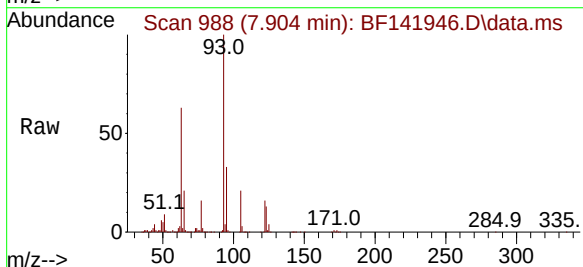
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

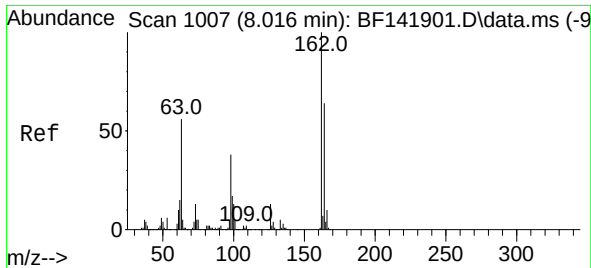
Tgt Ion:122 Resp: 480148
Ion Ratio Lower Upper
122 100
107 120.7 94.8 142.2
121 59.4 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.612 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion: 93 Resp: 610503
Ion Ratio Lower Upper
93 100
95 32.8 26.6 40.0
123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.050 ng

RT: 8.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

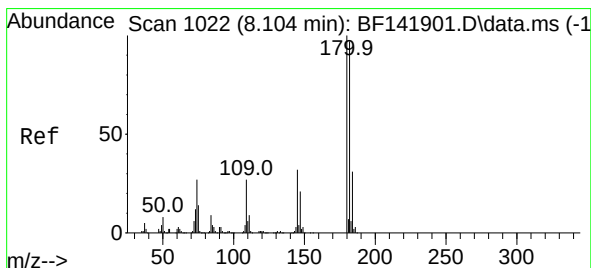
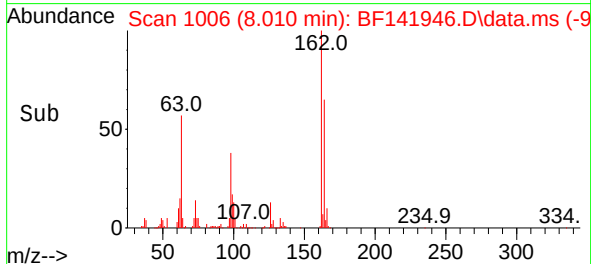
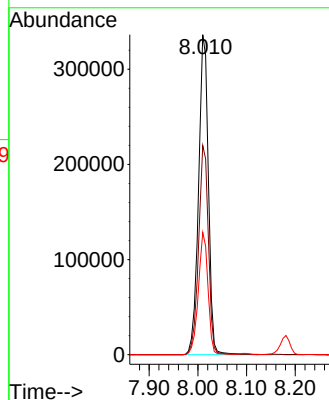
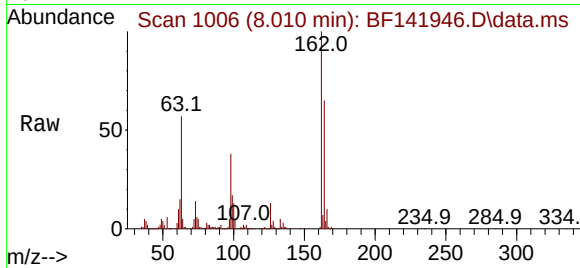
Tgt Ion:162 Resp: 473993

Ion Ratio Lower Upper

162 100

164 65.3 43.8 83.8

98 38.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.233 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

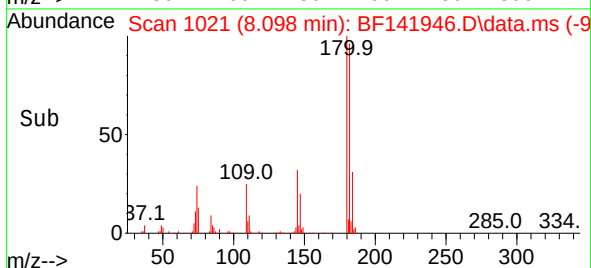
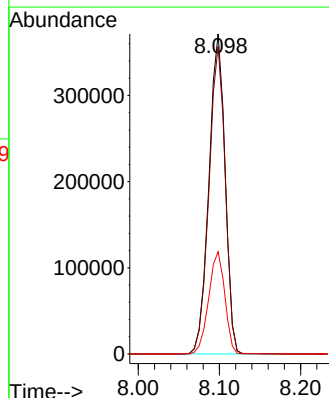
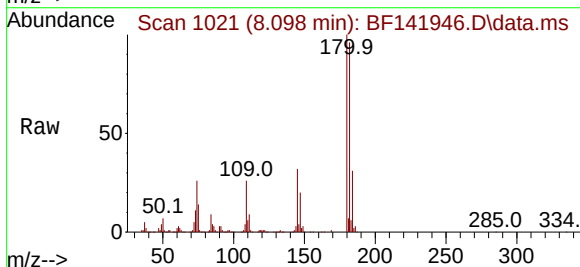
Tgt Ion:180 Resp: 513088

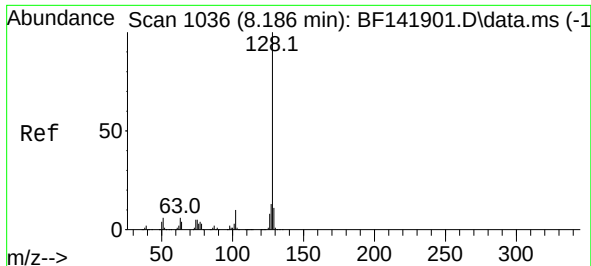
Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

145 31.9 25.8 38.6

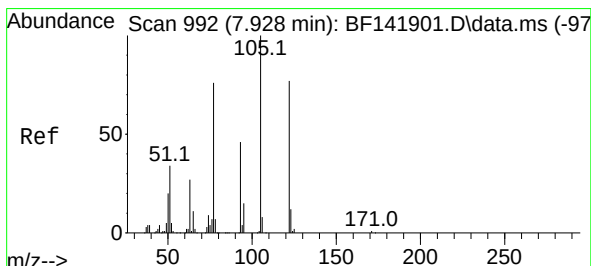
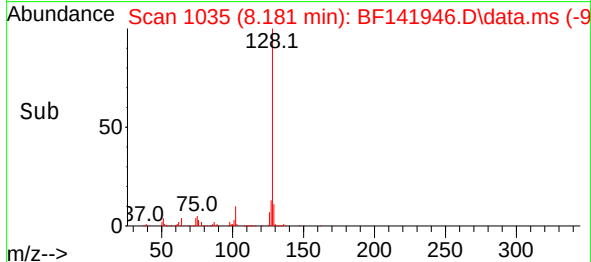
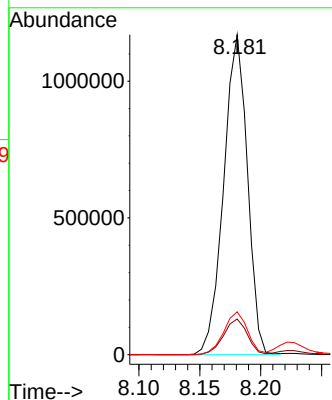
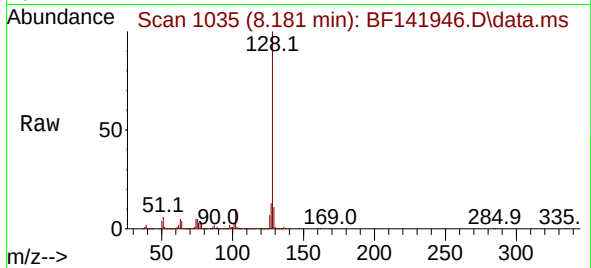




#31
Naphthalene
Concen: 44.472 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

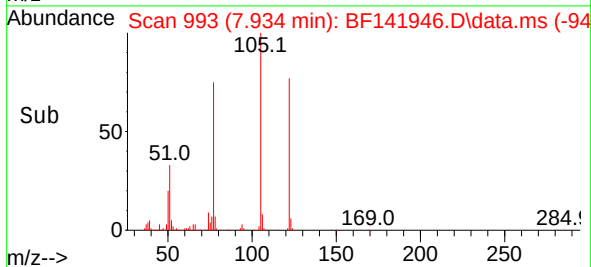
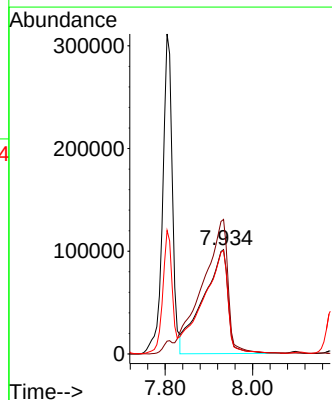
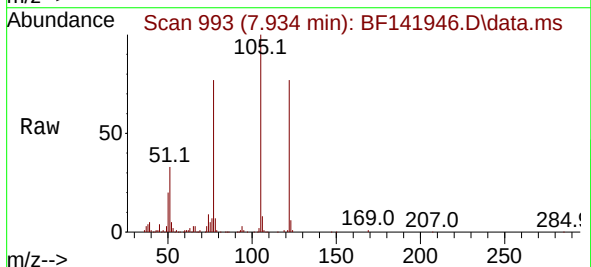
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

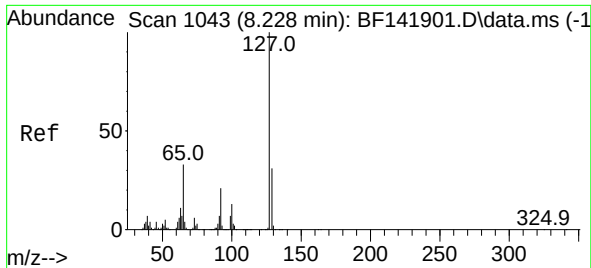
Tgt Ion:128 Resp: 1586831
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 55.108 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:122 Resp: 401708
Ion Ratio Lower Upper
122 100
105 129.0 107.9 147.9
77 99.4 79.0 119.0





#33

4-Chloroaniline

Concen: 6.434 ng

RT: 8.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion:127 Resp: 81050

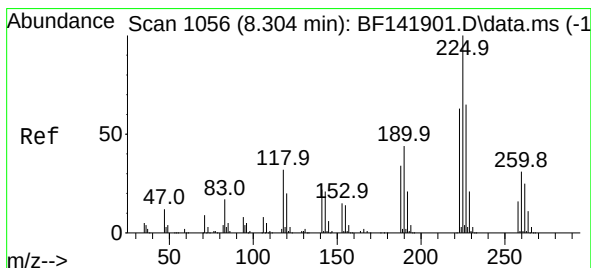
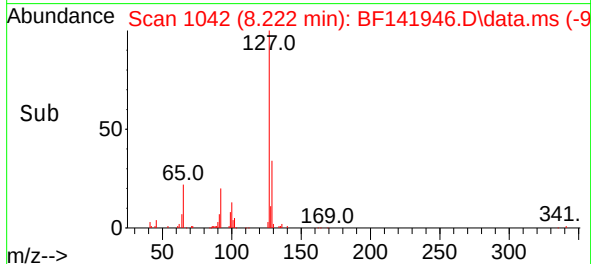
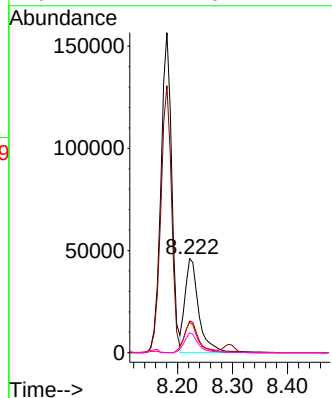
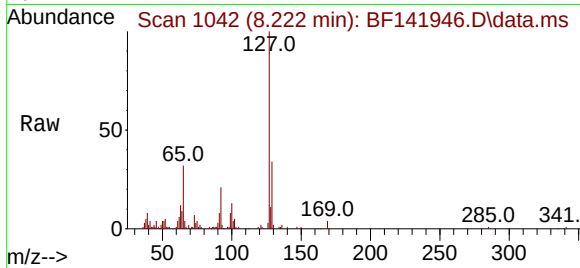
Ion Ratio Lower Upper

127 100

129 33.6 26.2 39.4

65 32.4 25.4 38.2

92 21.1 16.2 24.4



#34

Hexachlorobutadiene

Concen: 45.751 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

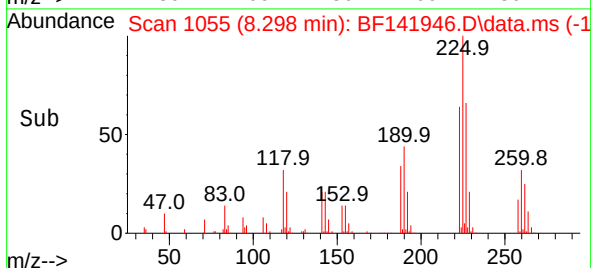
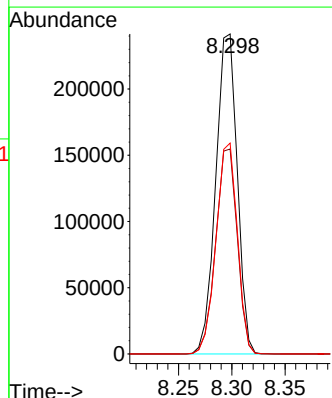
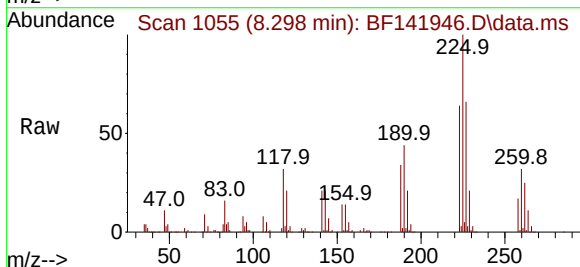
Tgt Ion:225 Resp: 338447

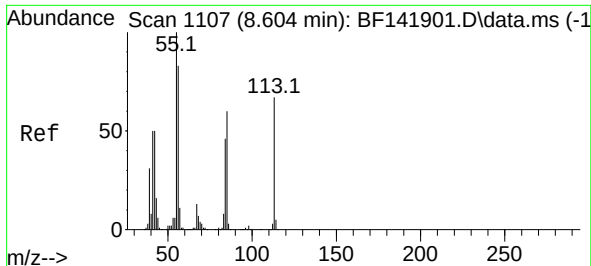
Ion Ratio Lower Upper

225 100

223 64.1 50.6 75.8

227 65.9 52.2 78.2





#35

Caprolactam

Concen: 28.449 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

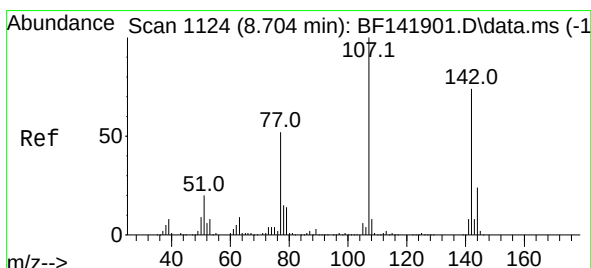
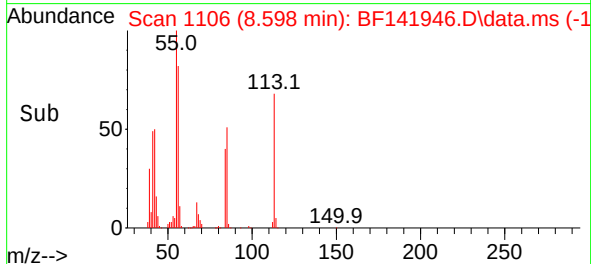
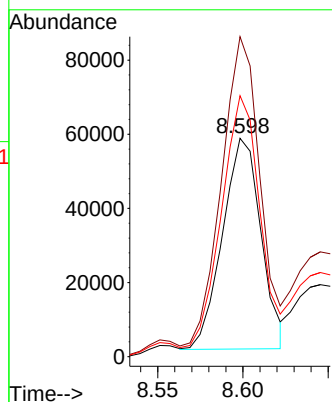
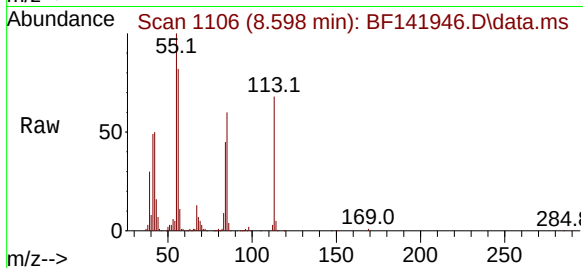
Tgt Ion:113 Resp: 89277

Ion Ratio Lower Upper

113 100

55 146.5 129.6 169.6

56 119.5 104.0 144.0



#36

4-Chloro-3-methylphenol

Concen: 45.500 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

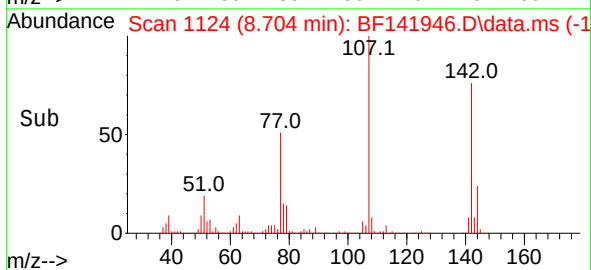
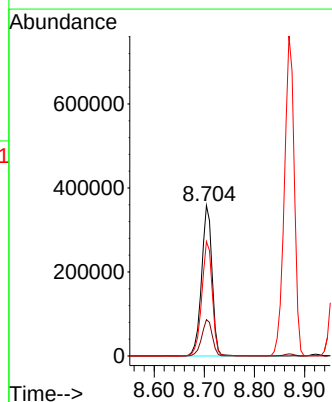
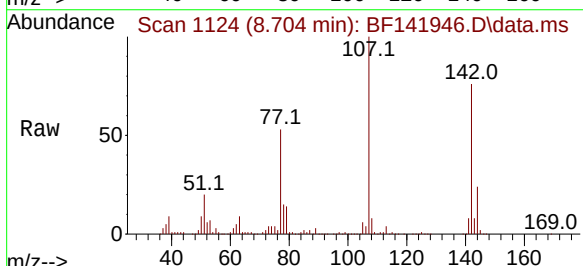
Tgt Ion:107 Resp: 522430

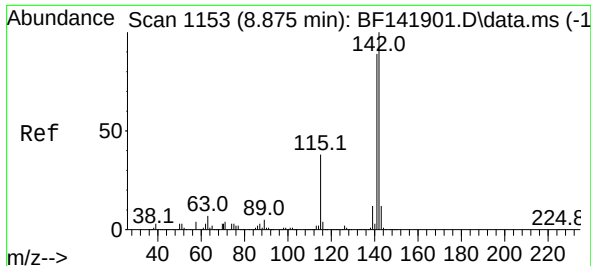
Ion Ratio Lower Upper

107 100

144 24.2 19.0 28.6

142 76.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.675 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

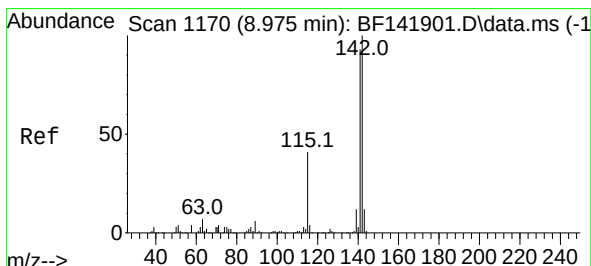
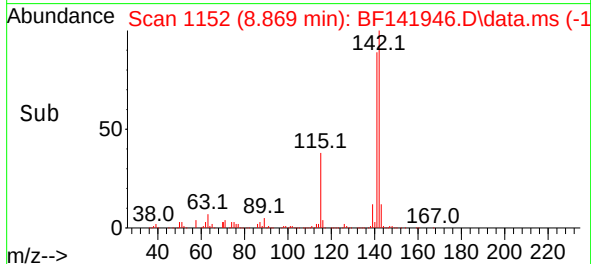
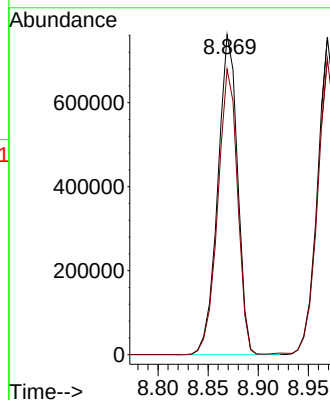
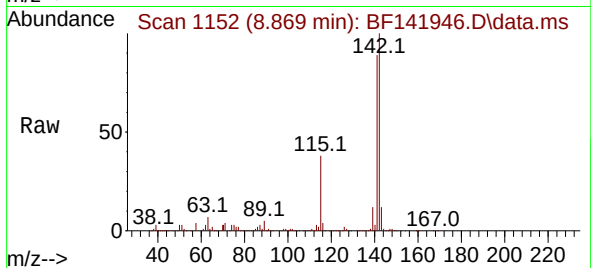
OR-620-JB-COMP-01MS

Tgt Ion:142 Resp: 1041655

Ion Ratio Lower Upper

142 100

141 89.2 71.2 106.8



#38

1-Methylnaphthalene

Concen: 43.871 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF141946.D

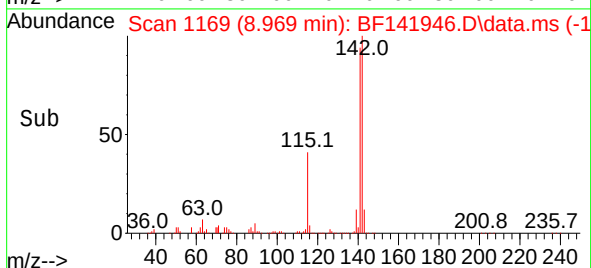
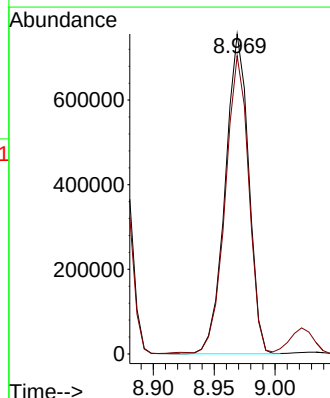
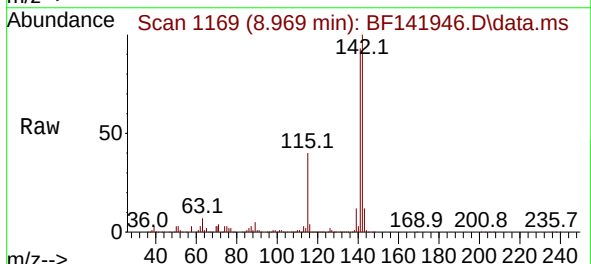
Acq: 13 Mar 2025 17:44

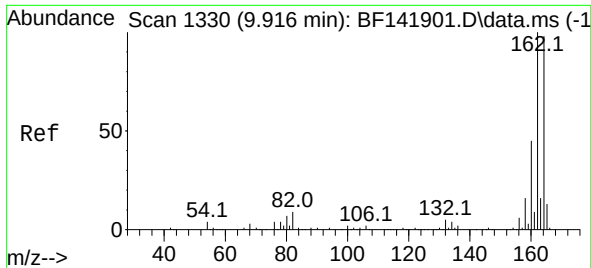
Tgt Ion:142 Resp: 1009701

Ion Ratio Lower Upper

142 100

141 93.2 74.2 111.4

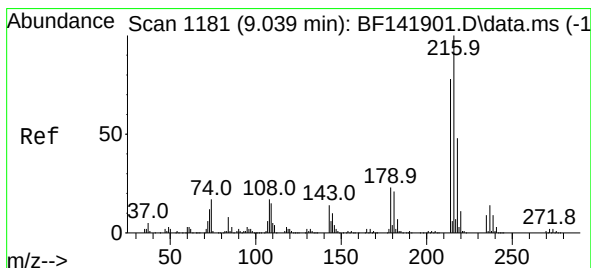
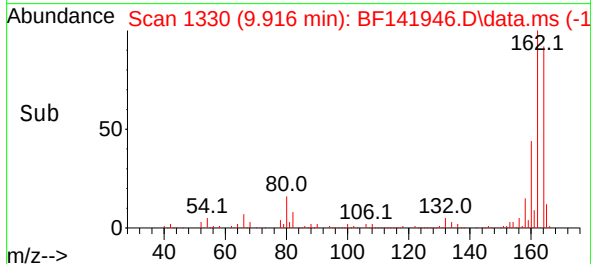
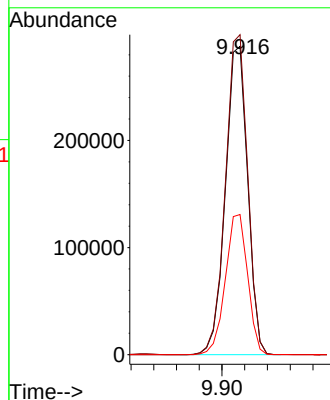
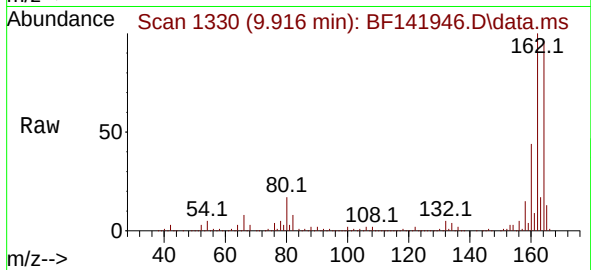




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

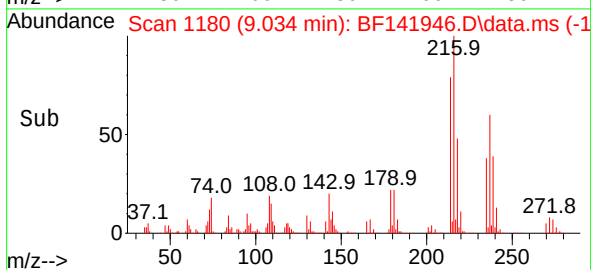
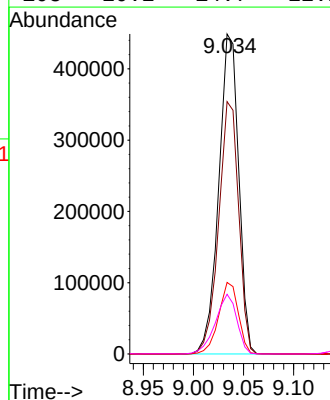
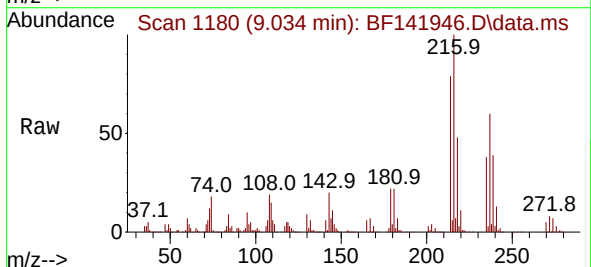
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

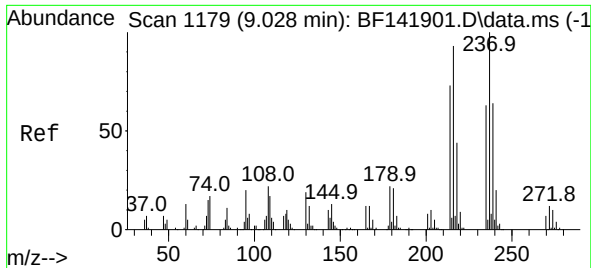
Tgt Ion:164 Resp: 391787
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 45.5 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.973 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

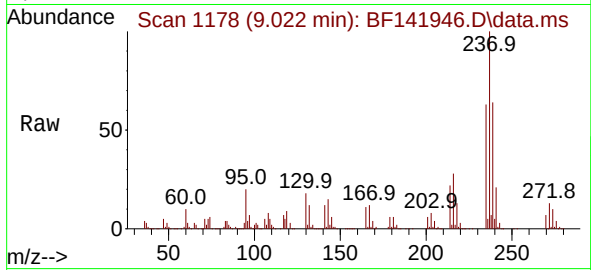
Tgt Ion:216 Resp: 619956
Ion Ratio Lower Upper
216 100
214 78.9 61.9 92.9
179 22.1 18.1 27.1
108 20.2 14.7 22.1



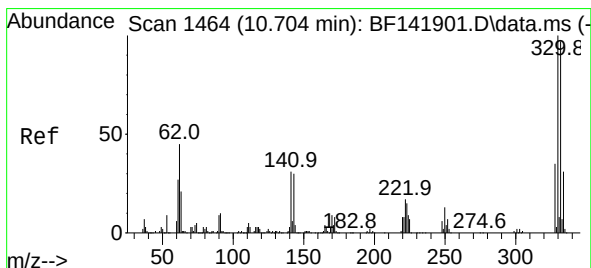
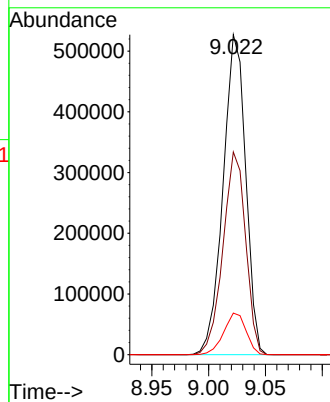
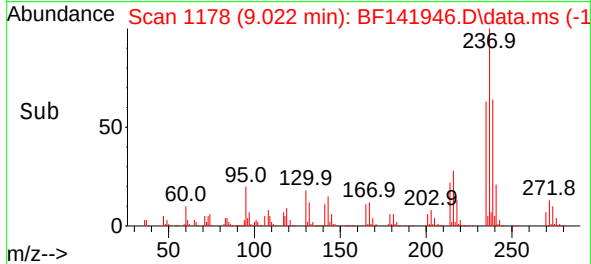


#41
Hexachlorocyclopentadiene
Concen: 156.307 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

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

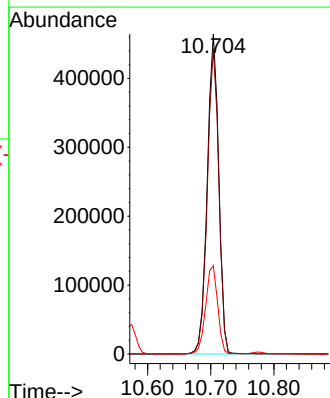
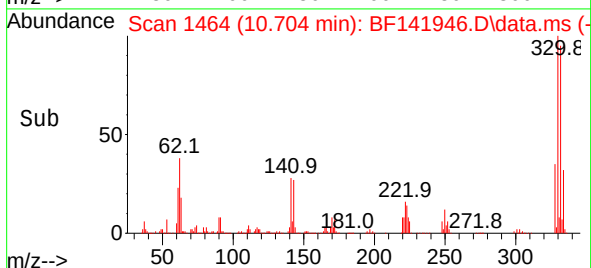
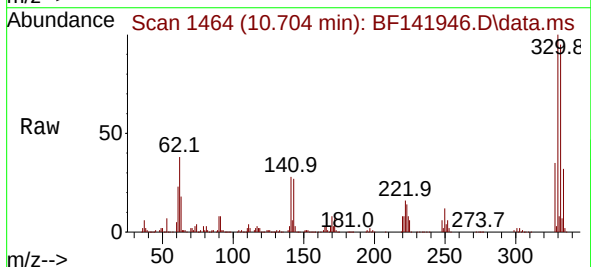


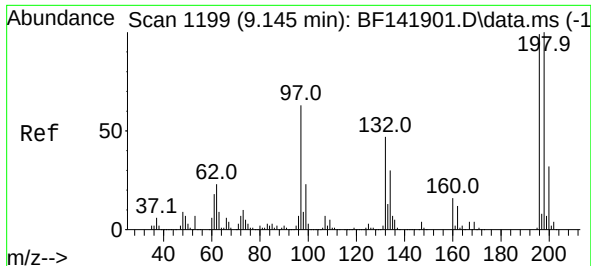
Tgt Ion:237 Resp: 729682
Ion Ratio Lower Upper
237 100
235 63.4 43.1 83.1
272 13.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 118.721 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:330 Resp: 590081
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 28.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 47.732 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF141946.D

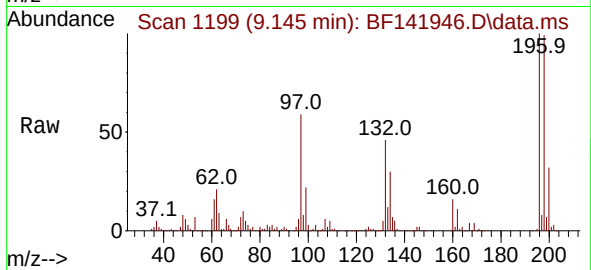
Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS



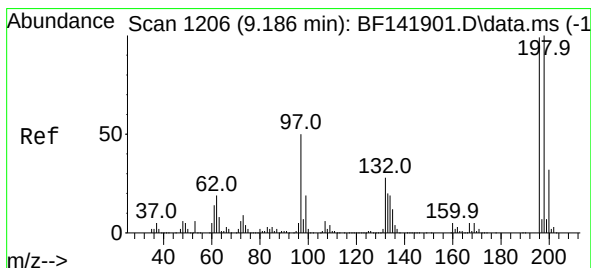
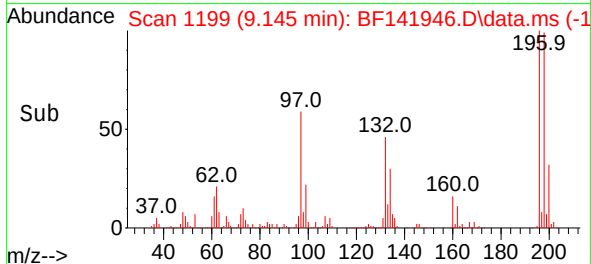
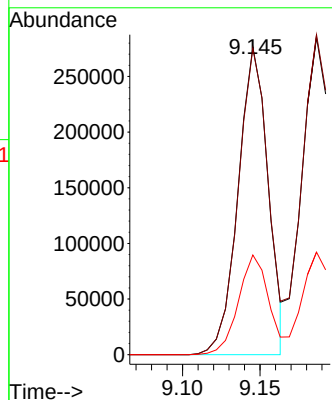
Tgt Ion:196 Resp: 372103

Ion Ratio Lower Upper

196 100

198 99.4 80.6 121.0

200 32.4 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 48.248 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Tgt Ion:196 Resp: 380937

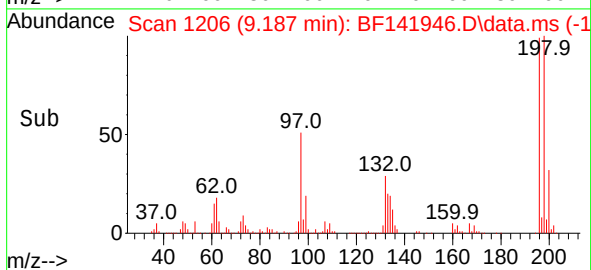
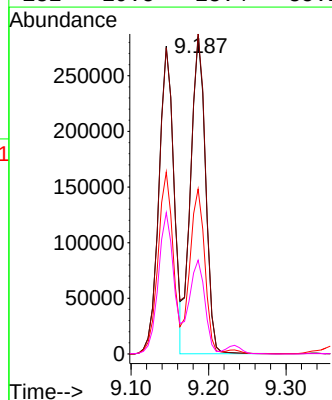
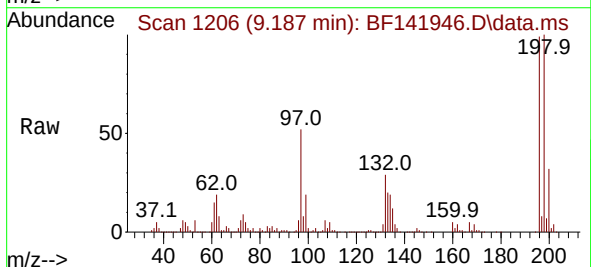
Ion Ratio Lower Upper

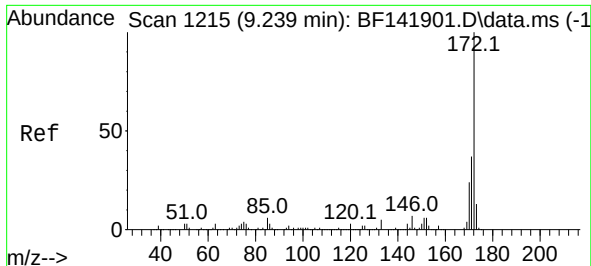
196 100

198 100.8 80.7 121.1

97 52.0 42.1 63.1

132 29.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 77.057 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

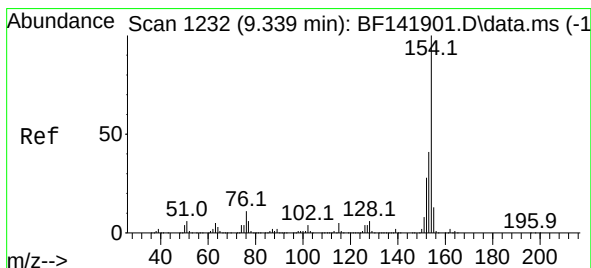
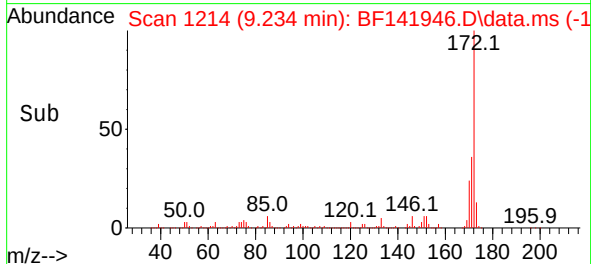
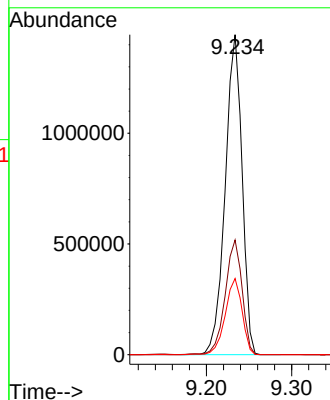
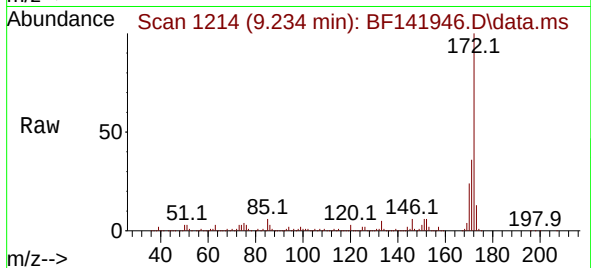
Tgt Ion:172 Resp: 1985122

Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

170 23.8 19.4 29.0



#46

1,1'-Biphenyl

Concen: 50.715 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

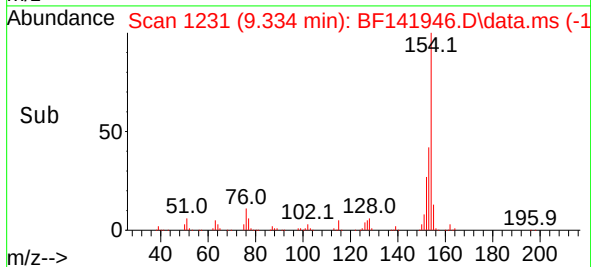
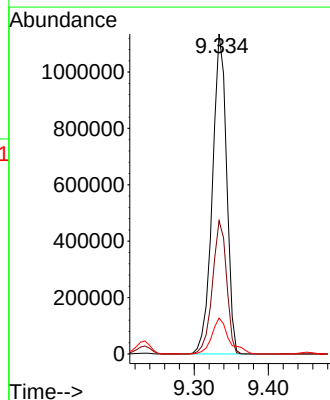
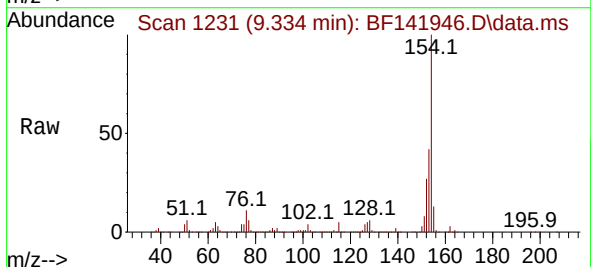
Tgt Ion:154 Resp: 1509712

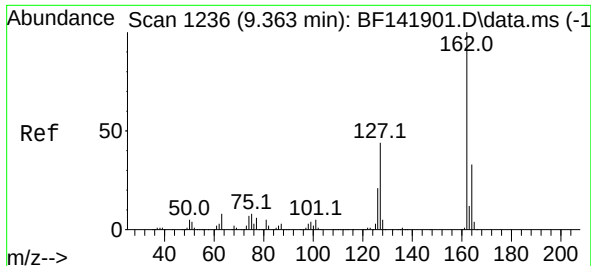
Ion Ratio Lower Upper

154 100

153 41.6 21.1 61.1

76 11.2 0.0 31.3





#47

2-Chloronaphthalene

Concen: 47.026 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

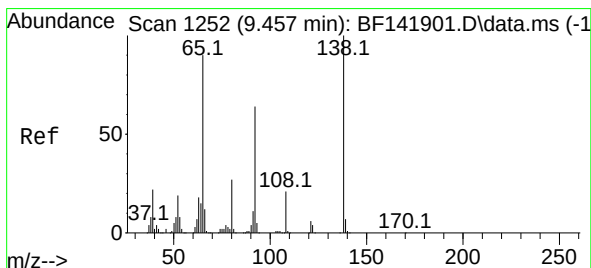
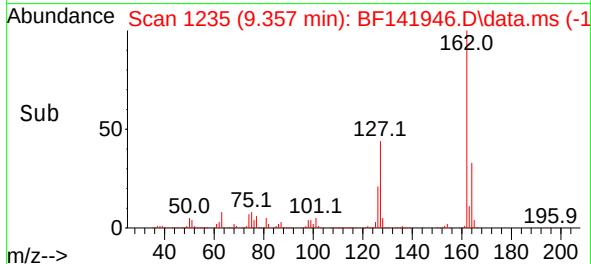
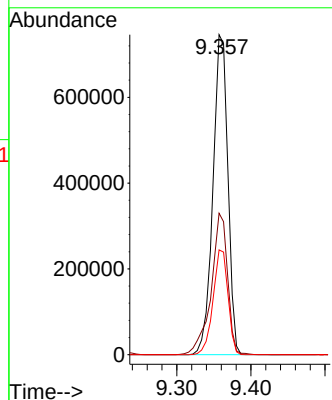
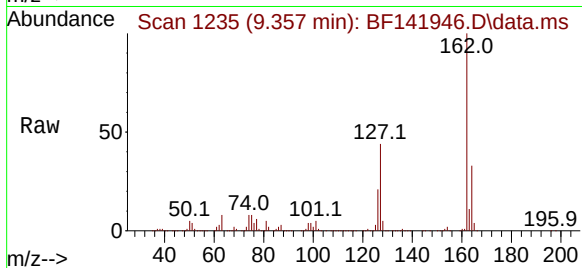
Tgt Ion:162 Resp: 1043409

Ion Ratio Lower Upper

162 100

127 44.2 35.5 53.3

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 47.244 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

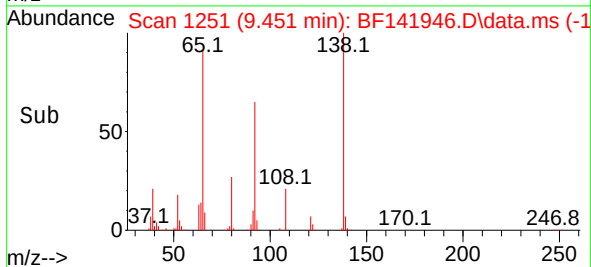
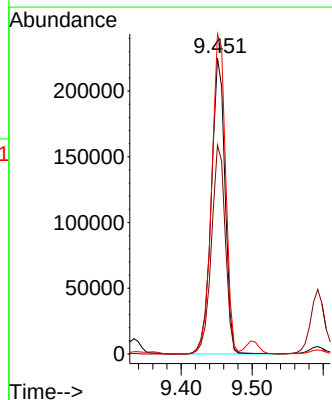
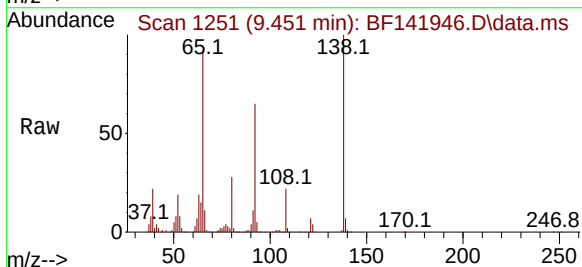
Tgt Ion: 65 Resp: 303513

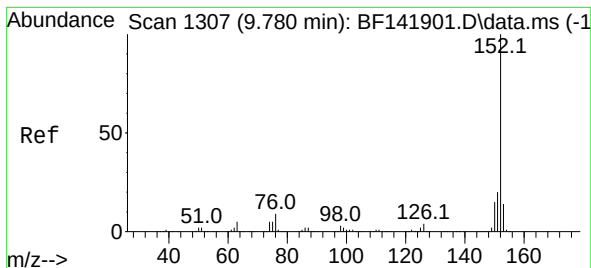
Ion Ratio Lower Upper

65 100

92 70.6 56.6 84.8

138 108.2 88.6 133.0





#49

Acenaphthylene

Concen: 48.399 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

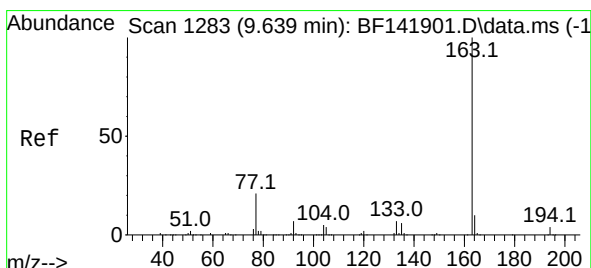
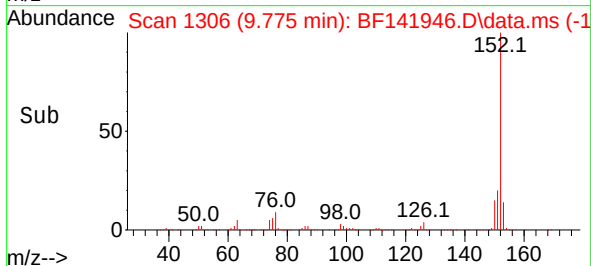
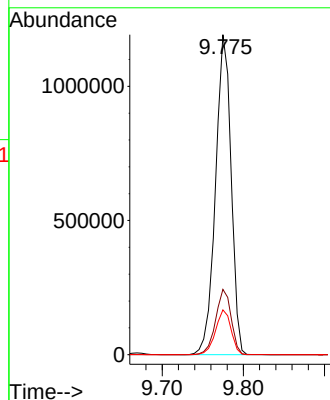
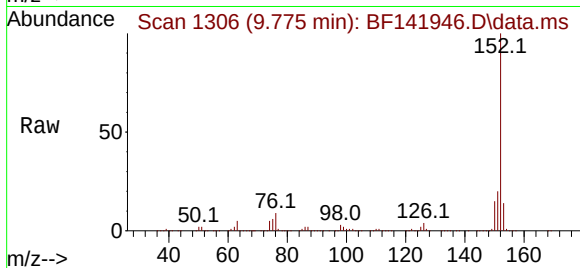
Tgt Ion:152 Resp: 1593580

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 45.728 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

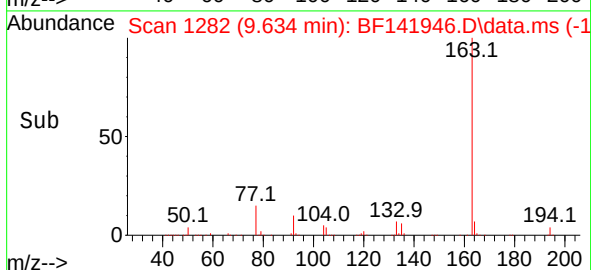
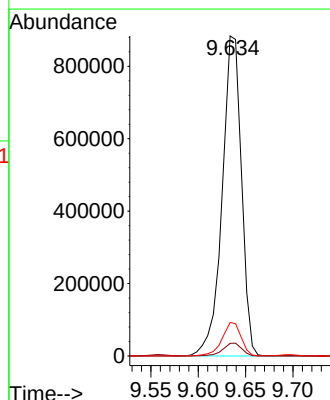
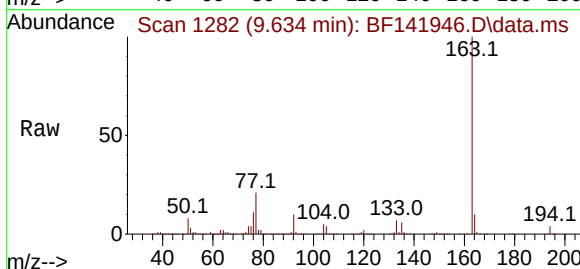
Tgt Ion:163 Resp: 1254596

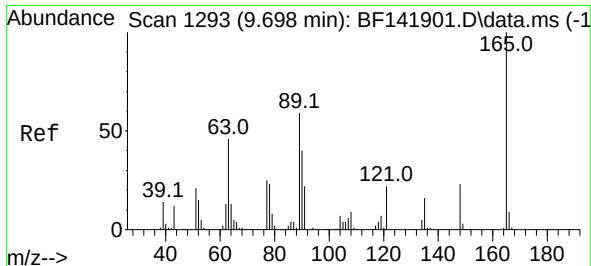
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

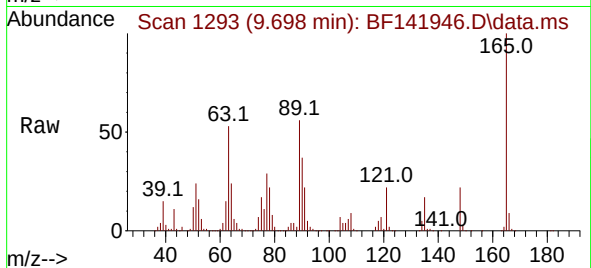
164 10.5 8.2 12.4



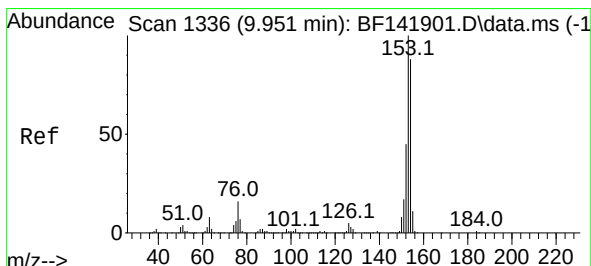
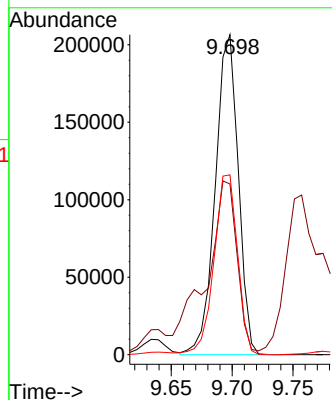
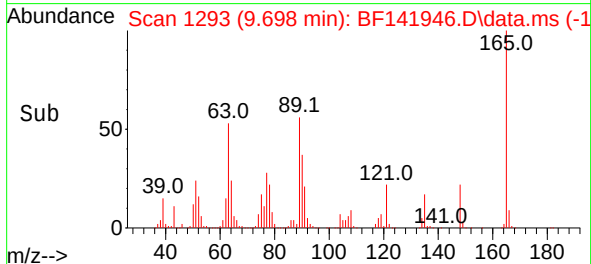


#51
2,6-Dinitrotoluene
Concen: 47.504 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

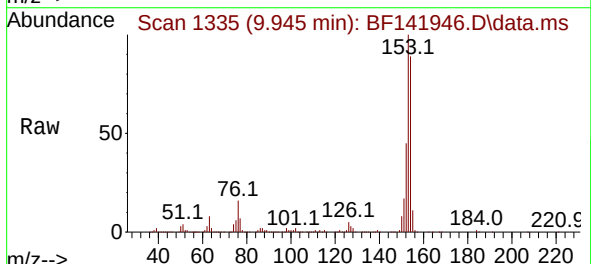
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



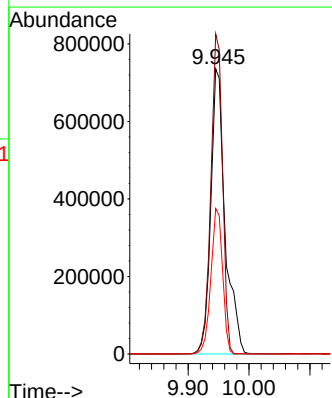
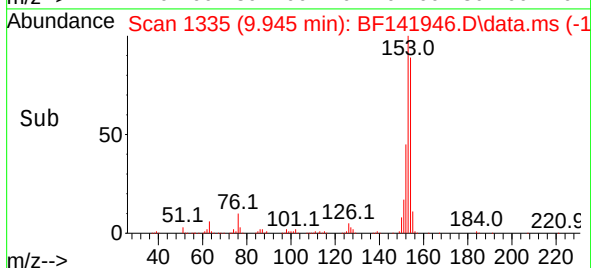
Tgt Ion:165 Resp: 271364
Ion Ratio Lower Upper
165 100
63 53.3 47.0 70.4
89 56.2 47.4 71.2

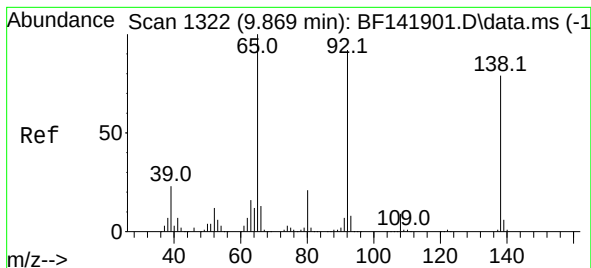


#52
Acenaphthene
Concen: 52.146 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44



Tgt Ion:154 Resp: 1206598
Ion Ratio Lower Upper
154 100
153 112.2 90.7 136.1
152 51.0 41.1 61.7





#53

3-Nitroaniline

Concen: 17.762 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

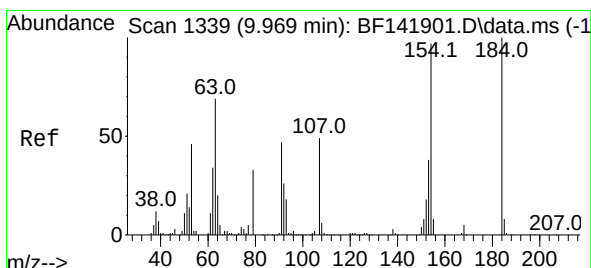
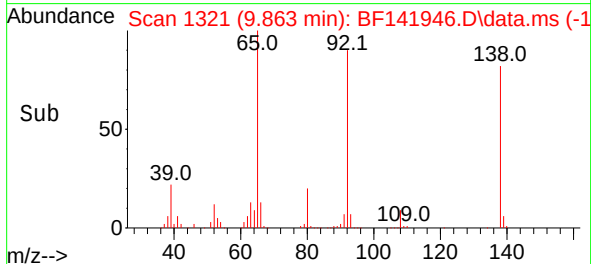
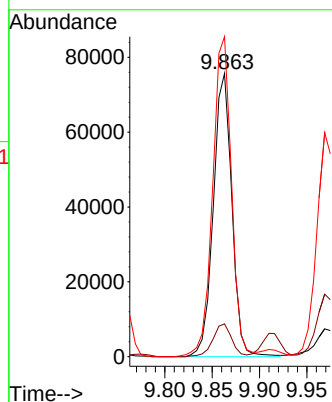
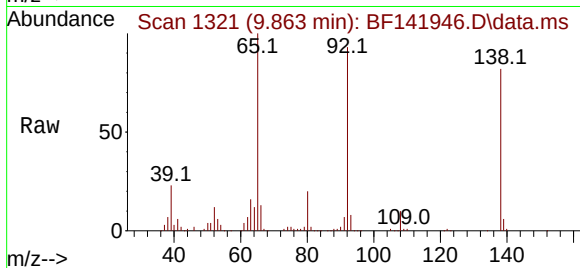
Tgt Ion:138 Resp: 102923

Ion Ratio Lower Upper

138 100

108 11.6 9.3 13.9

92 113.0 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 100.328 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

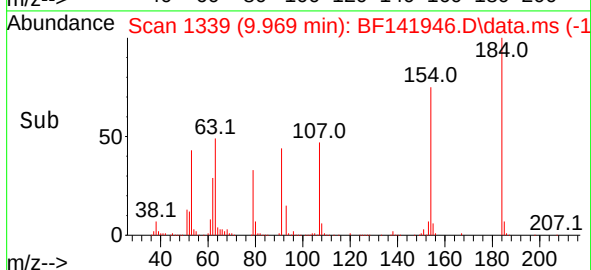
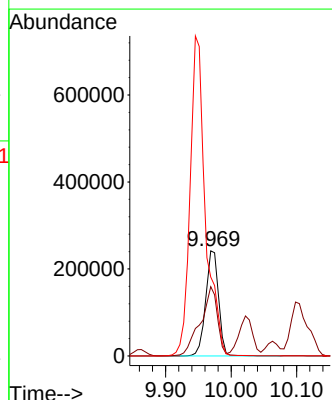
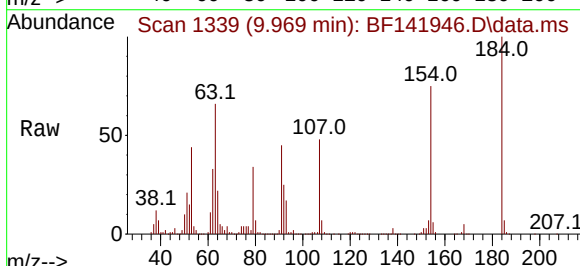
Tgt Ion:184 Resp: 331534

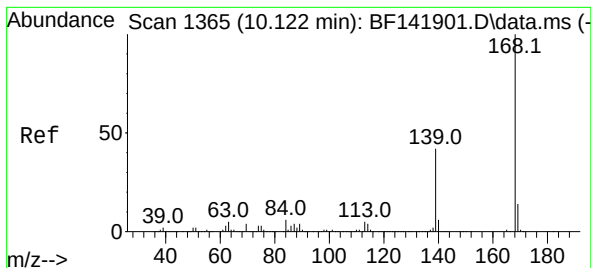
Ion Ratio Lower Upper

184 100

63 65.9 60.2 90.4

154 75.0 132.9 199.3#





#55

Dibenzofuran

Concen: 44.311 ng

RT: 10.122 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

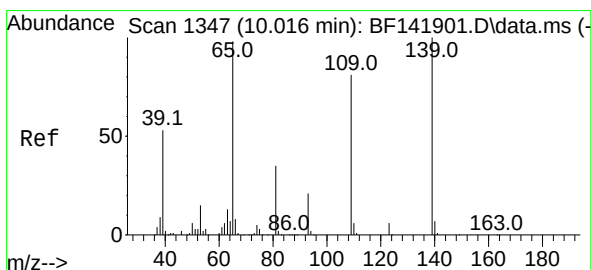
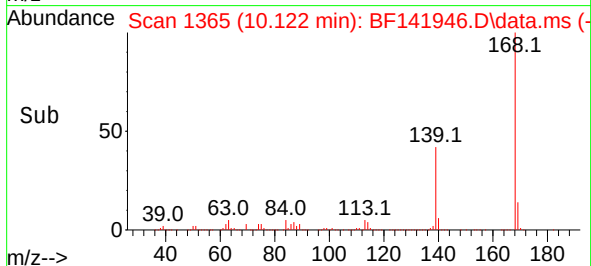
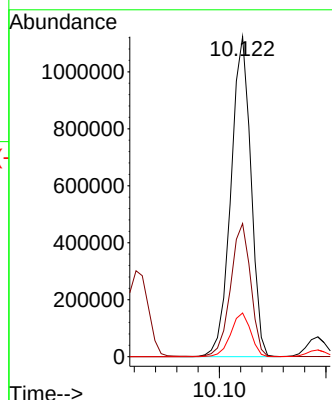
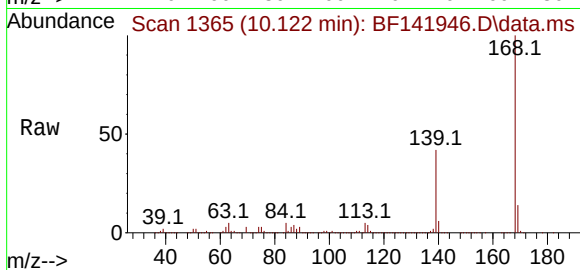
Tgt Ion:168 Resp: 1465045

Ion Ratio Lower Upper

168 100

139 41.6 33.9 50.9

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 101.962 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

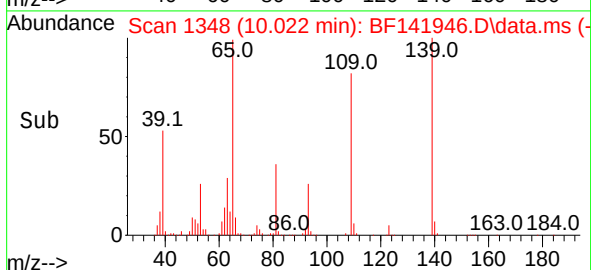
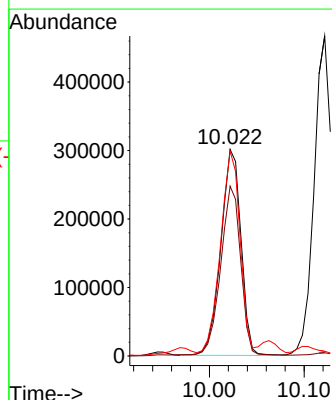
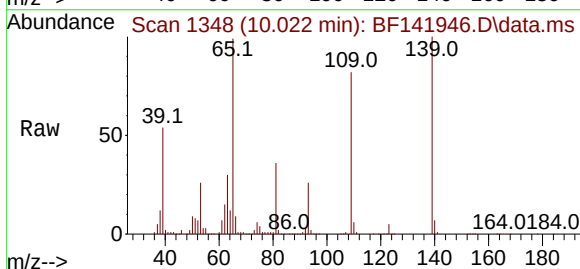
Tgt Ion:139 Resp: 445552

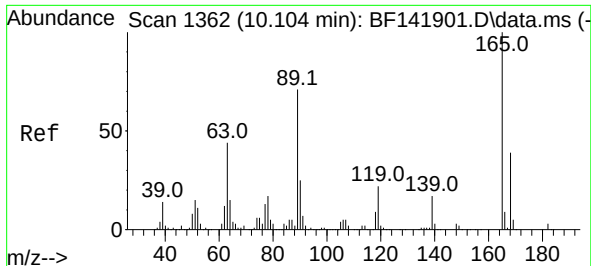
Ion Ratio Lower Upper

139 100

109 82.1 61.6 101.6

65 99.2 79.4 119.4

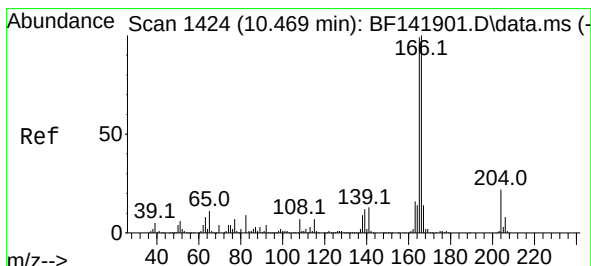
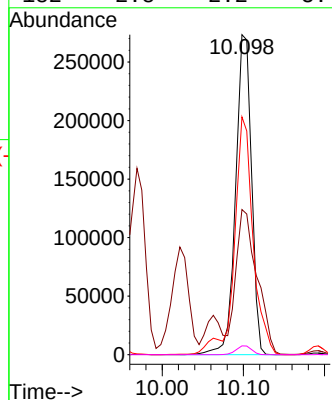
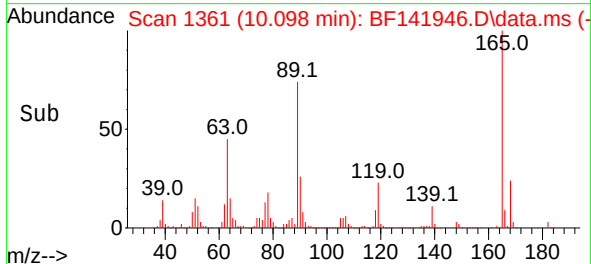
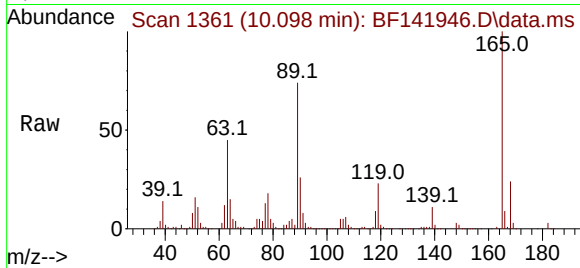




#57
2,4-Dinitrotoluene
Concen: 49.662 ng
RT: 10.098 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

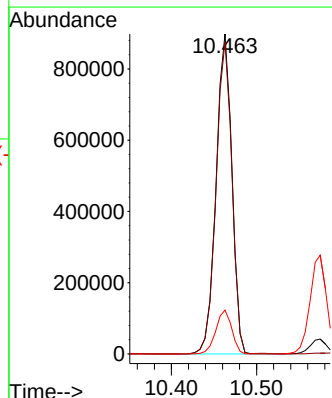
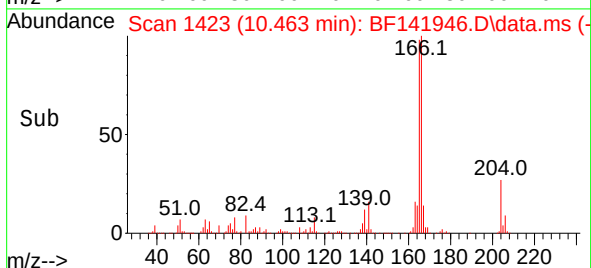
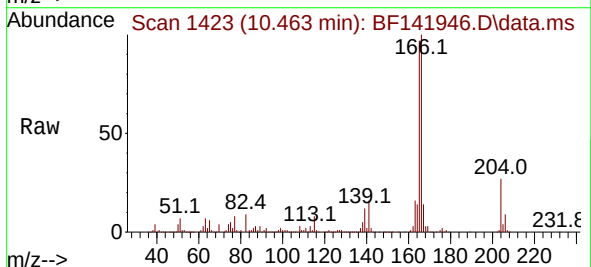
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

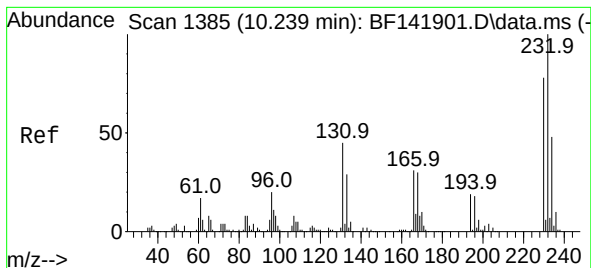
Tgt Ion:165 Resp: 370531
Ion Ratio Lower Upper
165 100
63 45.3 35.4 53.2
89 74.3 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 45.499 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:166 Resp: 1160086
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.4
167 13.7 11.0 16.4

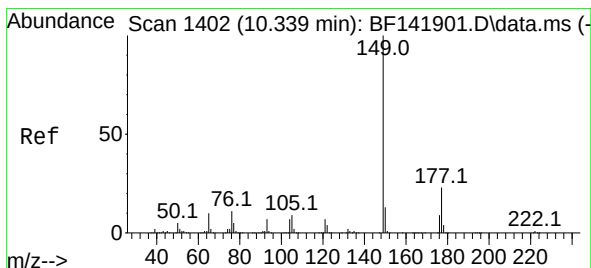
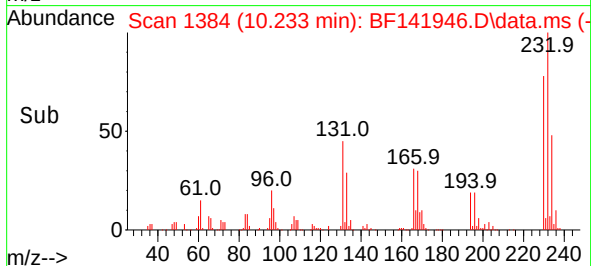
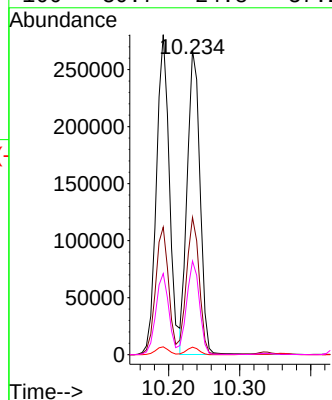
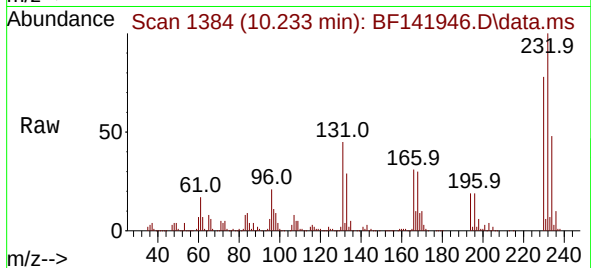




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.361 ng
RT: 10.233 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

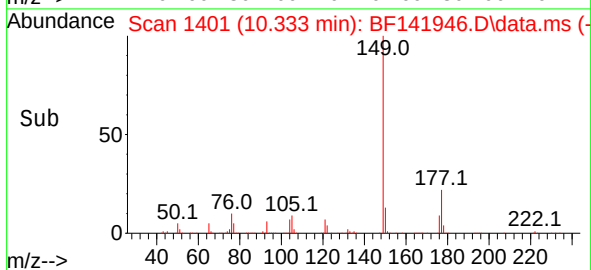
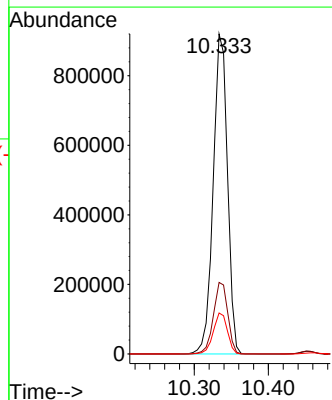
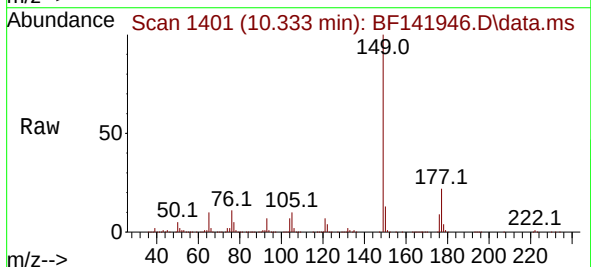
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

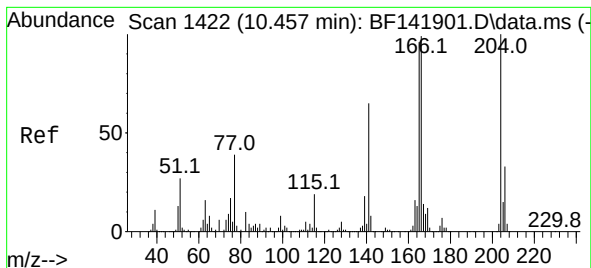
Tgt Ion:232 Resp: 333083
Ion Ratio Lower Upper
232 100
131 45.4 37.3 55.9
130 2.5 1.9 2.9
166 30.7 24.8 37.2



#60
Diethylphthalate
Concen: 44.891 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:149 Resp: 1228074
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.8 10.2 15.4

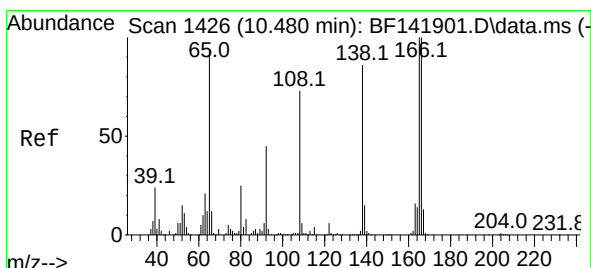
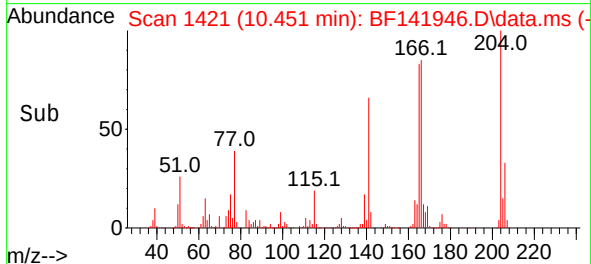
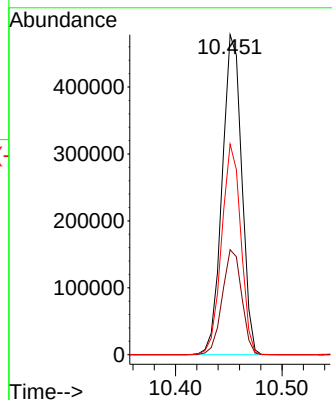
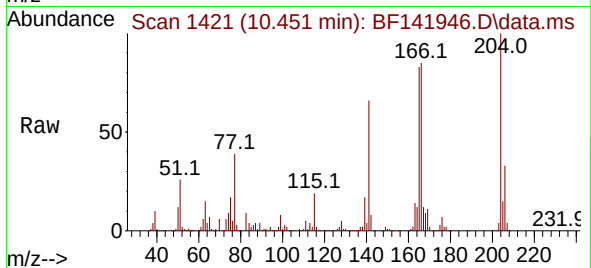




#61
4-Chlorophenyl-phenylether
Concen: 45.641 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

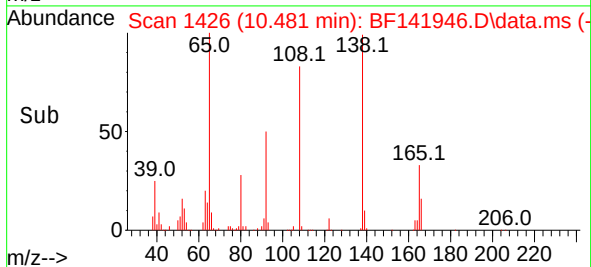
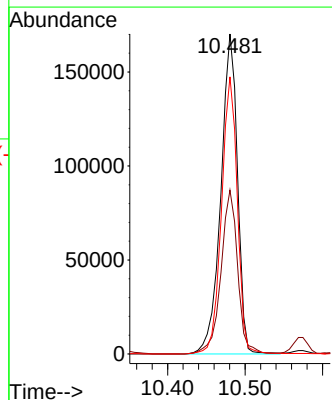
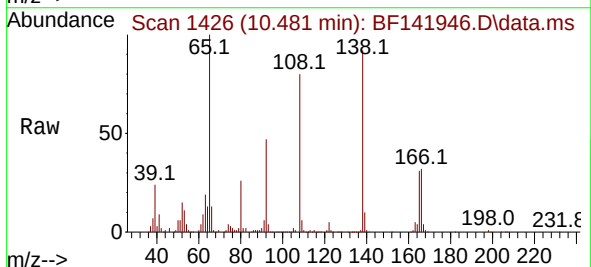
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

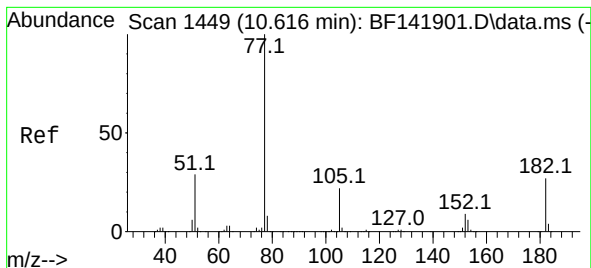
Tgt Ion:204 Resp: 606705
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 65.8 52.4 78.6



#62
4-Nitroaniline
Concen: 45.200 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:138 Resp: 254987
Ion Ratio Lower Upper
138 100
92 51.2 32.6 72.6
108 86.6 65.0 105.0





#63

Azobenzene

Concen: 50.775 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion: 77 Resp: 1291417

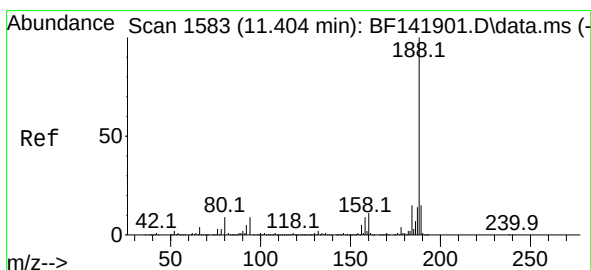
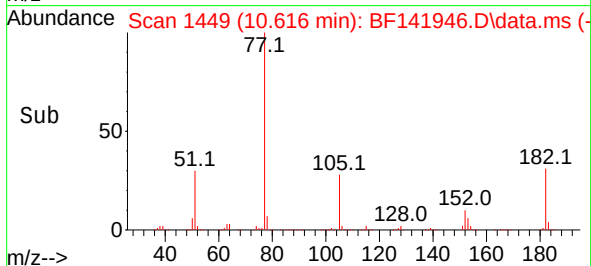
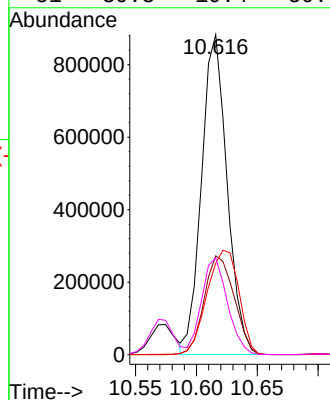
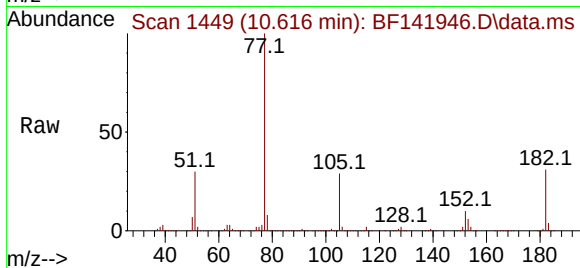
Ion Ratio Lower Upper

77 100

182 30.9 6.6 46.6

105 28.6 1.3 41.3

51 30.3 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: BF141946.D

Acq: 13 Mar 2025 17:44

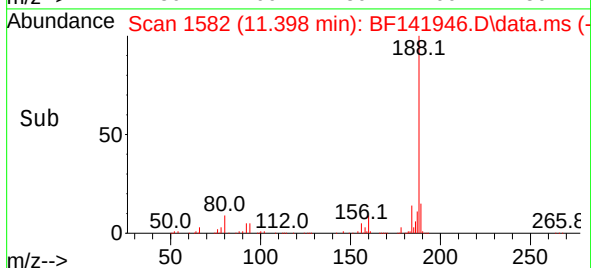
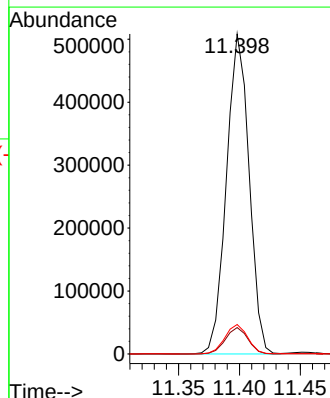
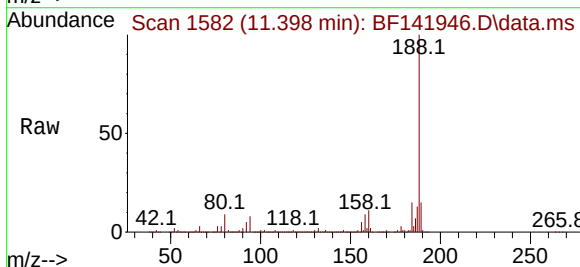
Tgt Ion:188 Resp: 659104

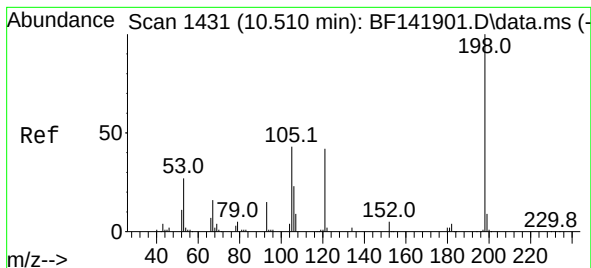
Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.2 7.6 11.4

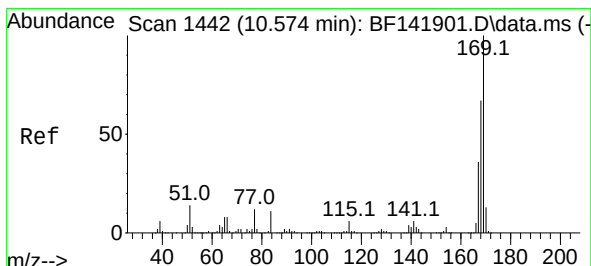
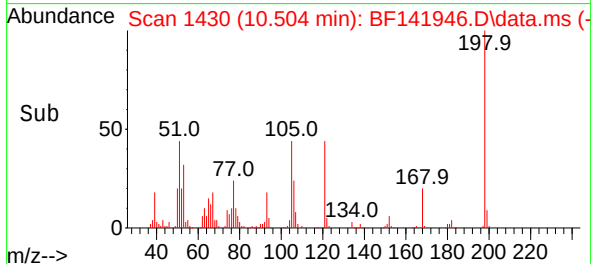
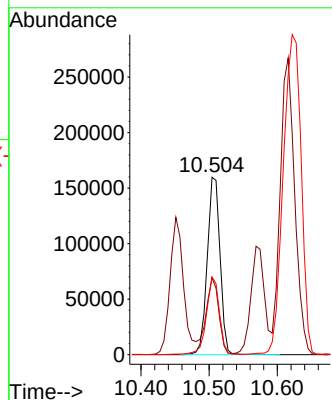
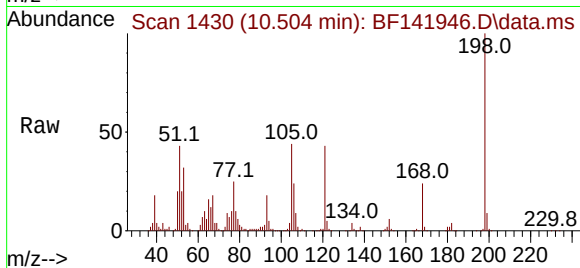




#65
4,6-Dinitro-2-methylphenol
Concen: 53.221 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

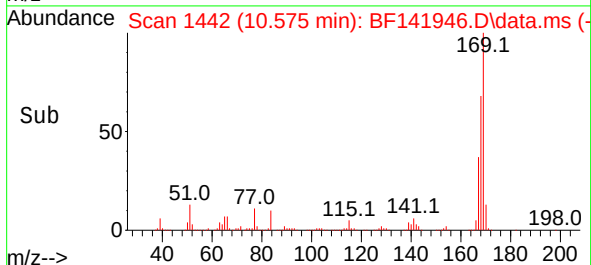
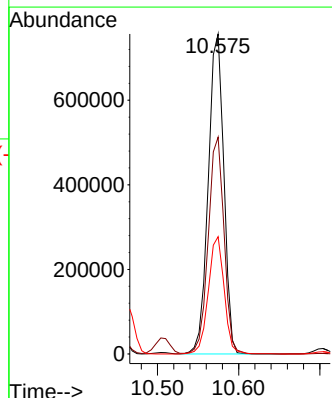
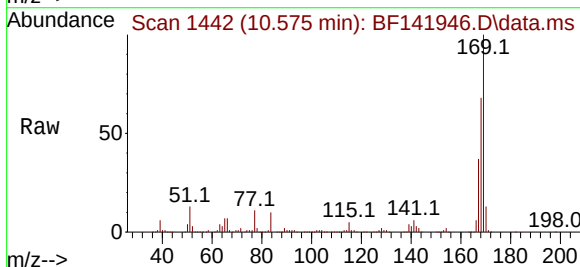
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

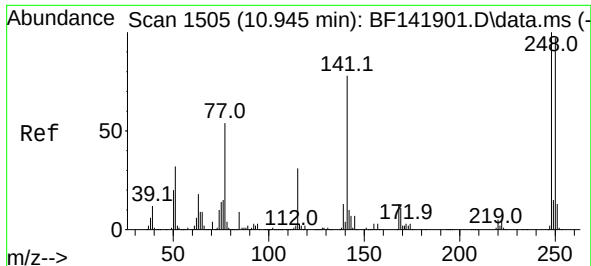
Tgt Ion:198 Resp: 209115
Ion Ratio Lower Upper
198 100
51 43.3 22.3 62.3
105 43.8 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 47.083 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:169 Resp: 1004229
Ion Ratio Lower Upper
169 100
168 67.7 53.7 80.5
167 36.7 29.2 43.8

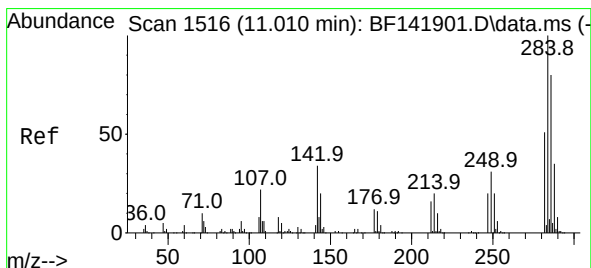
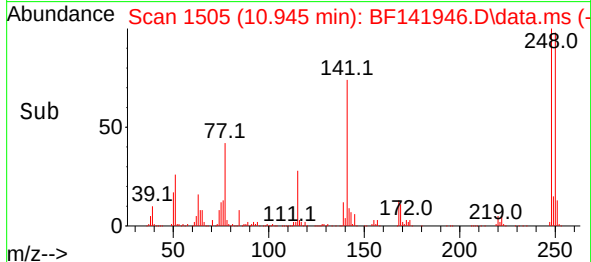
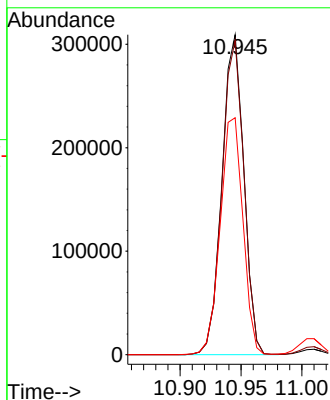
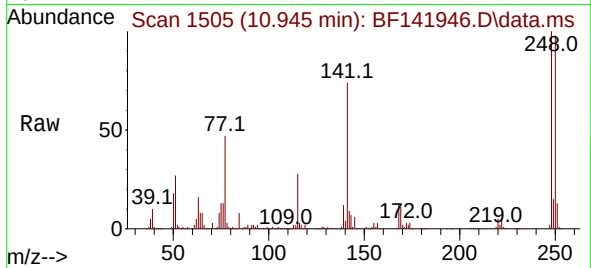




#67
4-Bromophenyl-phenylether
Concen: 46.795 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

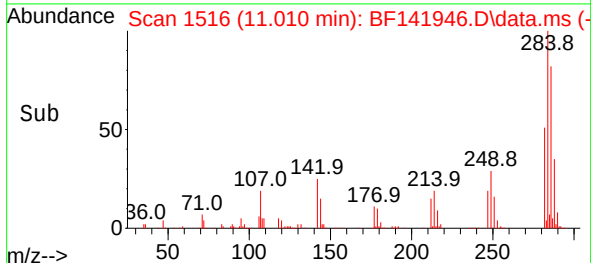
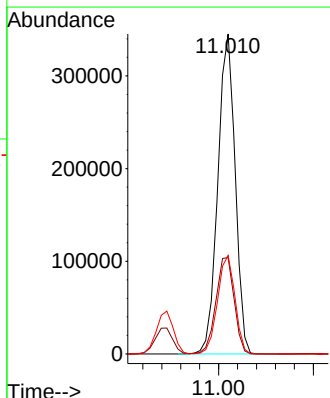
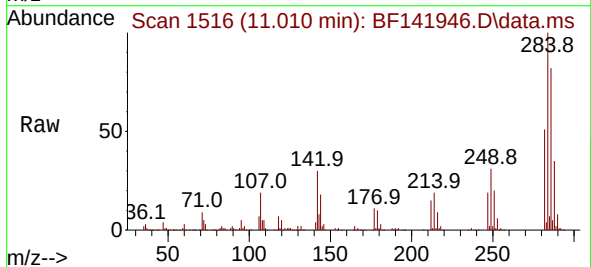
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

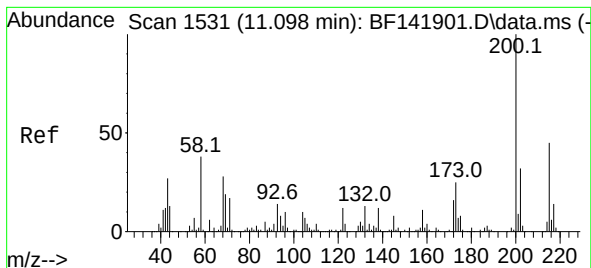
Tgt Ion:248 Resp: 387353
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 74.0 62.6 93.8



#68
Hexachlorobenzene
Concen: 48.363 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:284 Resp: 439070
Ion Ratio Lower Upper
284 100
142 30.1 27.0 40.6
249 30.8 25.2 37.8





#69

Atrazine

Concen: 60.941 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

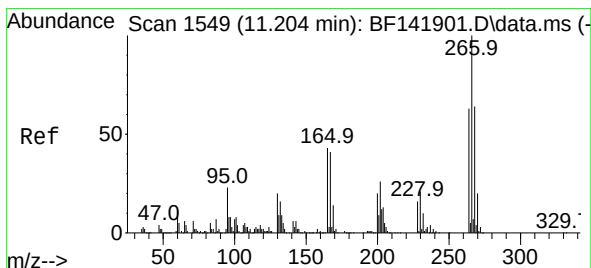
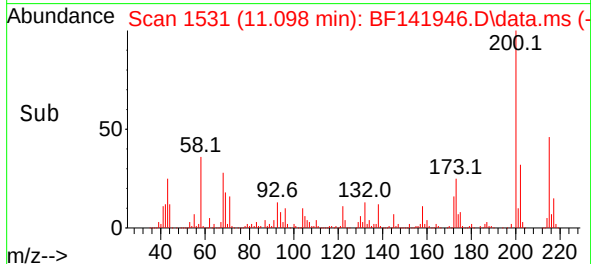
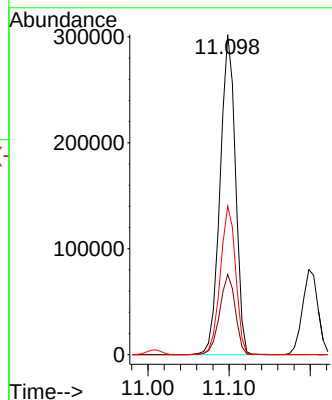
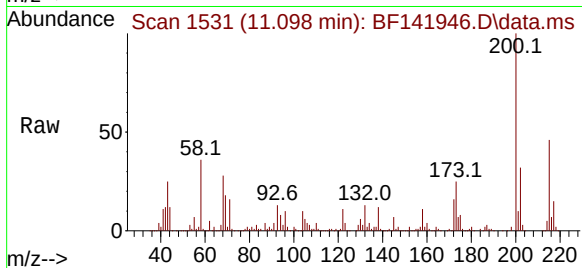
Tgt Ion:200 Resp: 398467

Ion Ratio Lower Upper

200 100

173 25.1 4.7 44.7

215 46.5 25.4 65.4



#70

Pentachlorophenol

Concen: 99.492 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

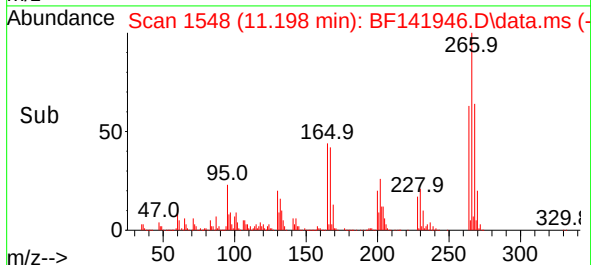
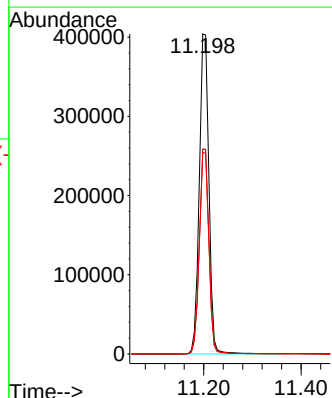
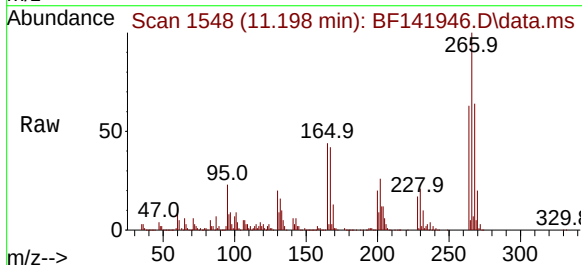
Tgt Ion:266 Resp: 556521

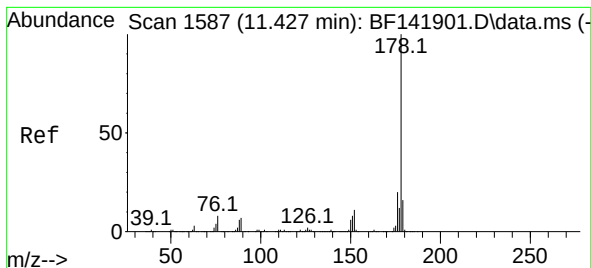
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 63.0 50.2 75.2





#71

Phenanthrene

Concen: 47.375 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

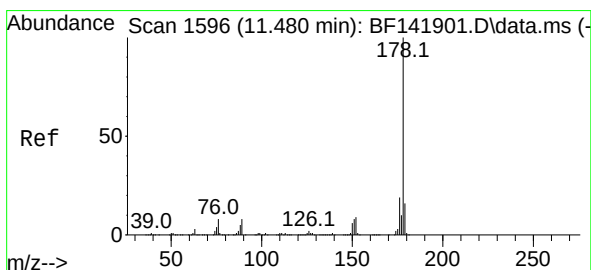
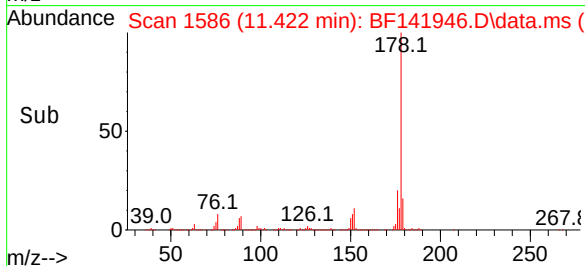
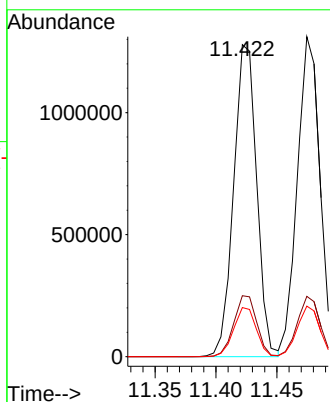
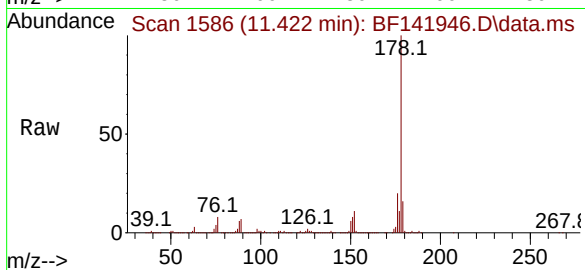
Tgt Ion:178 Resp: 1686565

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.7 12.6 19.0



#72

Anthracene

Concen: 47.217 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

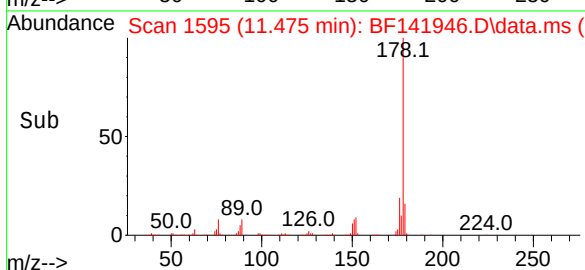
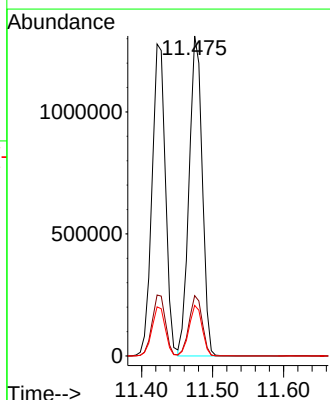
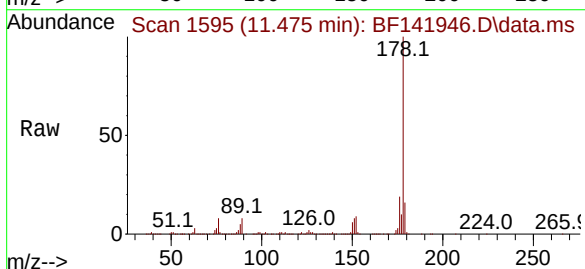
Tgt Ion:178 Resp: 1686427

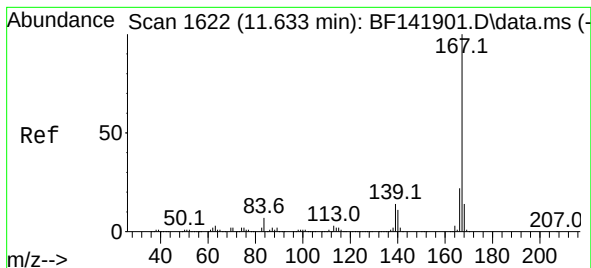
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.8 12.6 19.0





#73

Carbazole

Concen: 45.884 ng

RT: 11.628 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

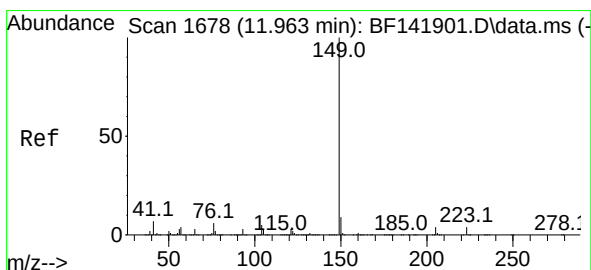
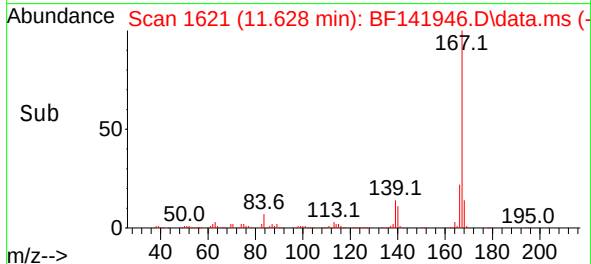
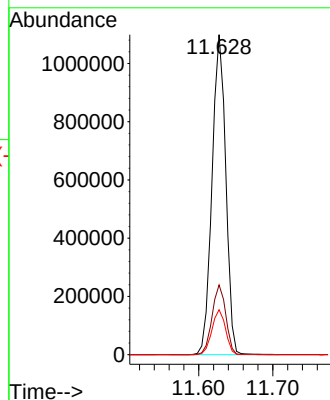
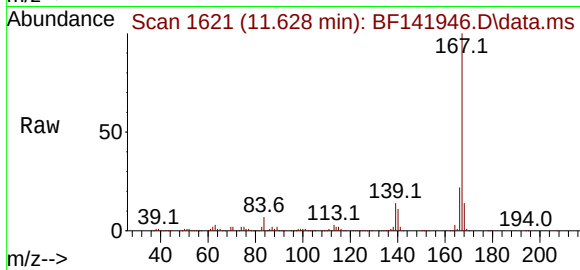
Tgt Ion:167 Resp: 1413337

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 14.0 11.0 16.6



#74

Di-n-butylphthalate

Concen: 44.728 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

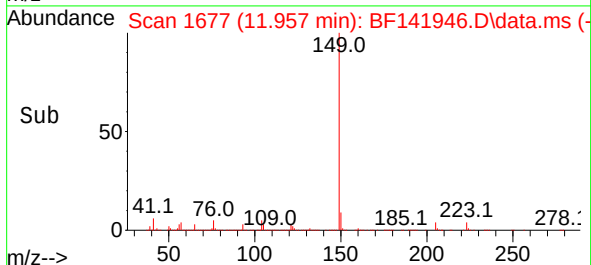
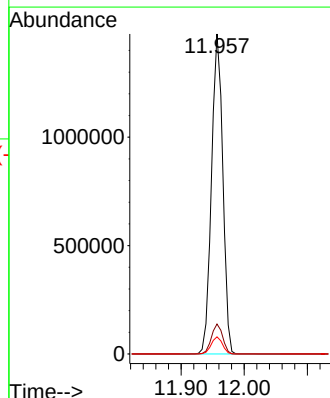
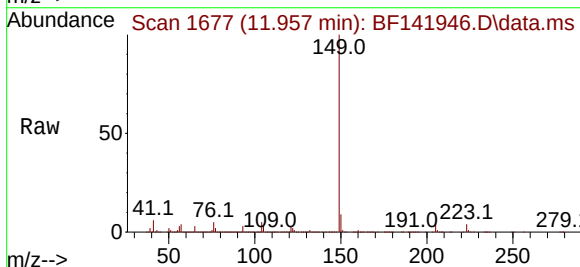
Tgt Ion:149 Resp: 1828098

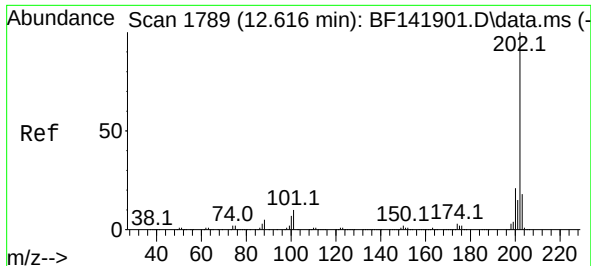
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

104 5.3 4.4 6.6

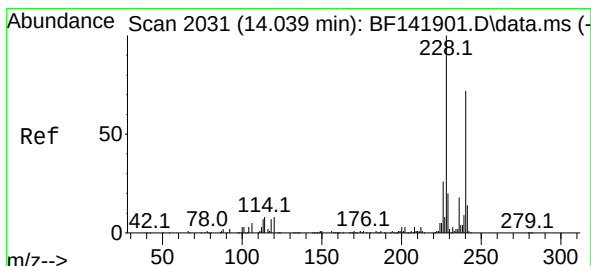
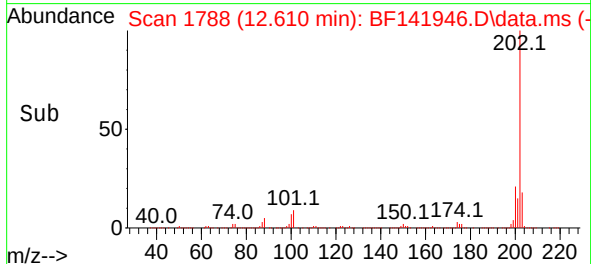
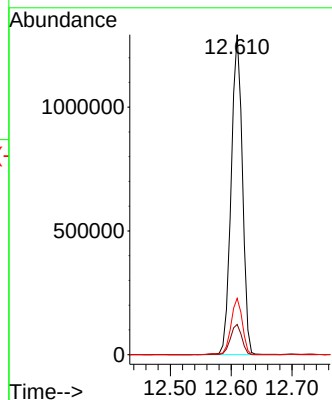
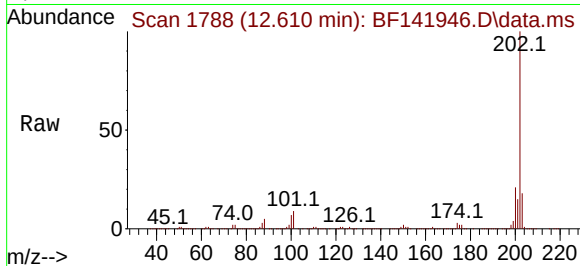




#75
Fluoranthene
Concen: 43.824 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

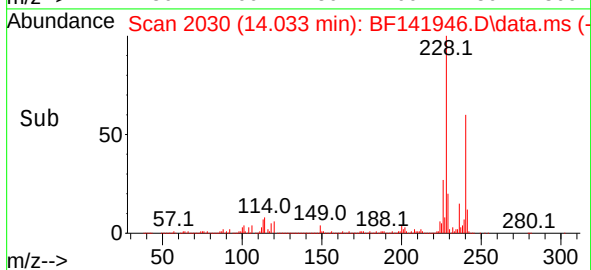
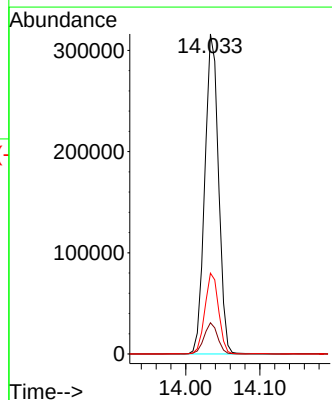
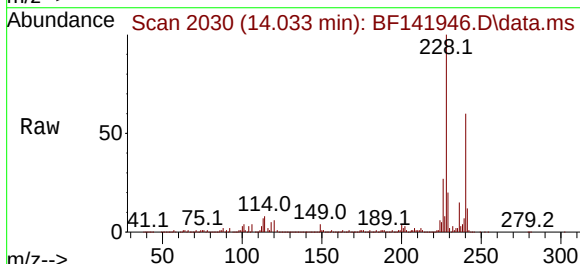
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

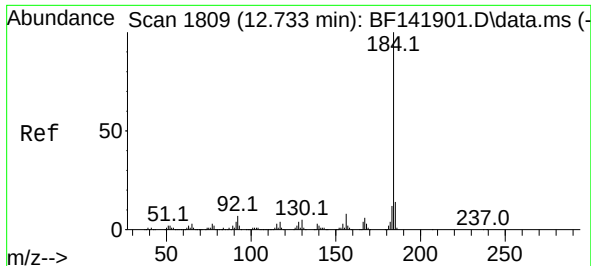
Tgt Ion:202 Resp: 1654964
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:240 Resp: 406603
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.2 20.5 30.7

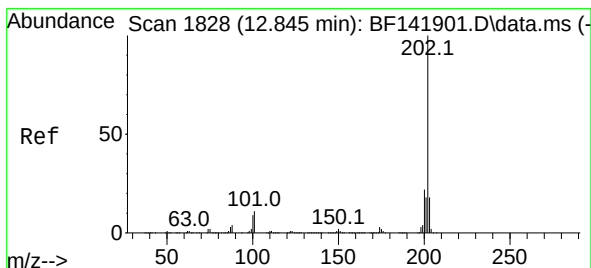
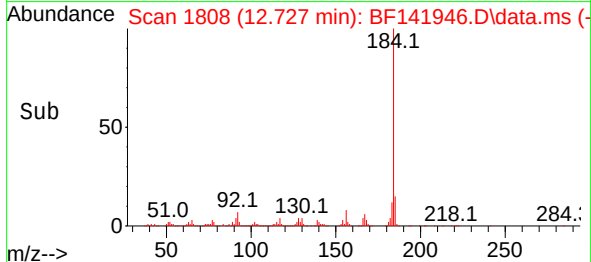
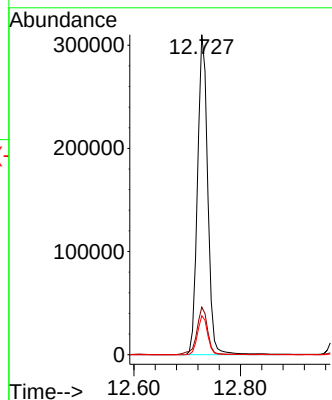
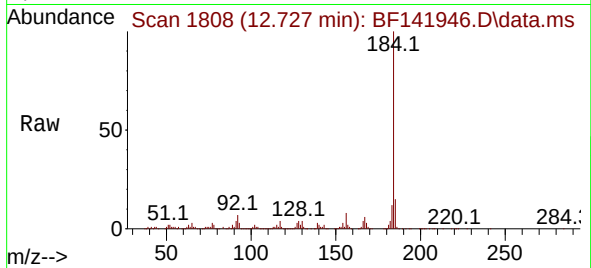




#77
Benzidine
Concen: 72.837 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

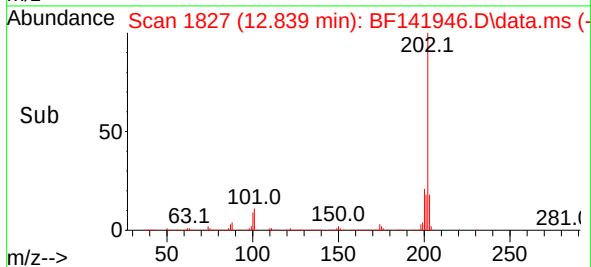
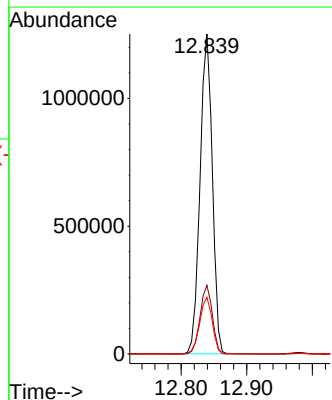
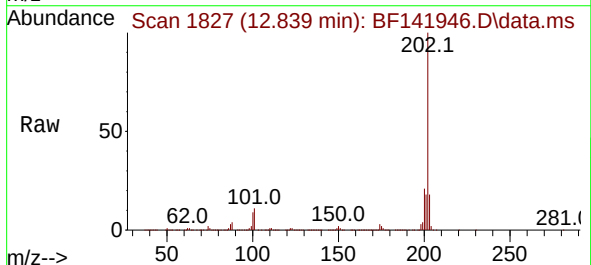
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

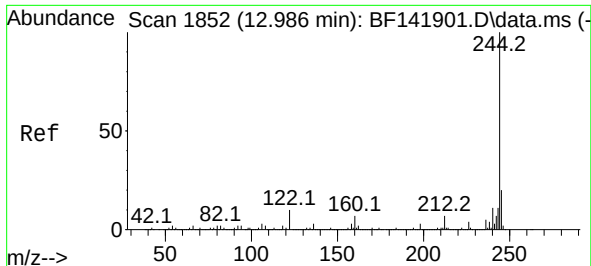
Tgt Ion:184 Resp: 413196
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 12.2 9.7 14.5



#78
Pyrene
Concen: 46.384 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:202 Resp: 1631390
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 17.7 14.4 21.6

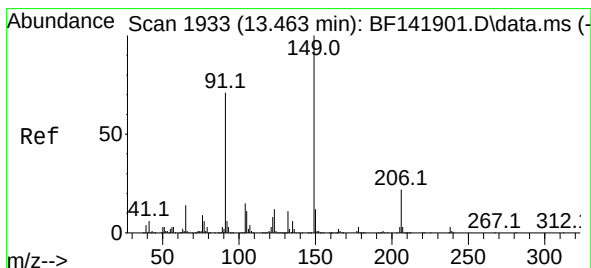
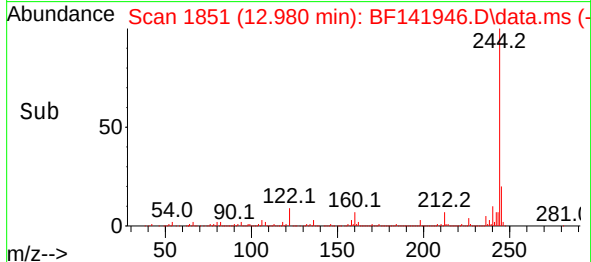
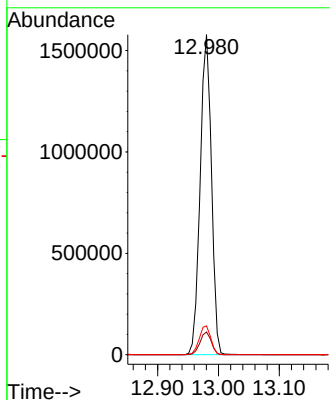
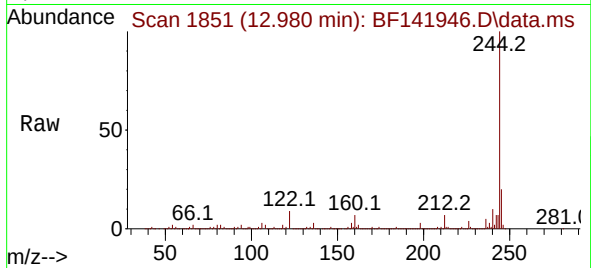




#79
 Terphenyl-d14
 Concen: 73.813 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF141946.D
 Acq: 13 Mar 2025 17:44

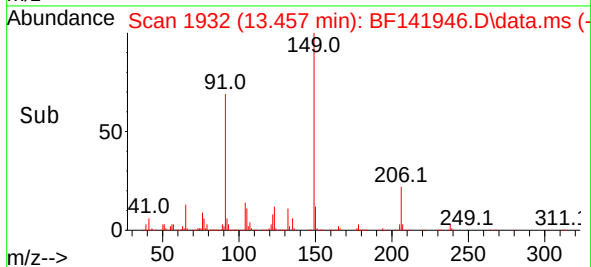
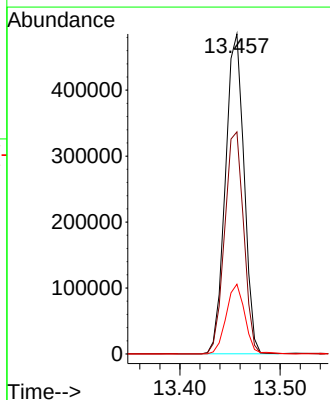
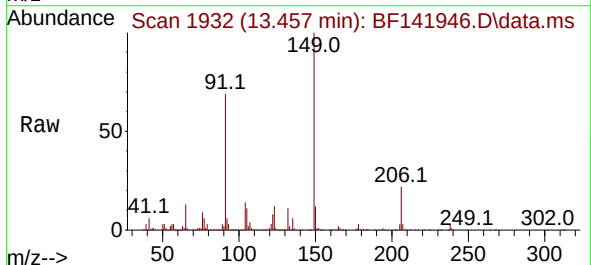
Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01MS

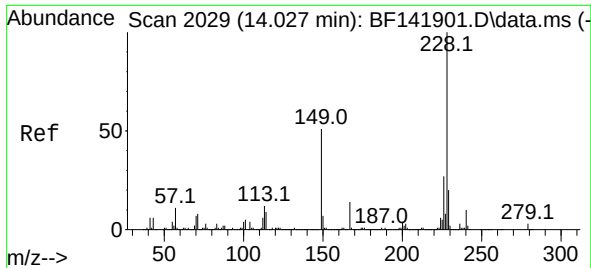
Tgt Ion:244 Resp: 2029986
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 45.388 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF141946.D
 Acq: 13 Mar 2025 17:44

Tgt Ion:149 Resp: 624824
 Ion Ratio Lower Upper
 149 100
 91 69.4 56.5 84.7
 206 21.8 17.3 25.9

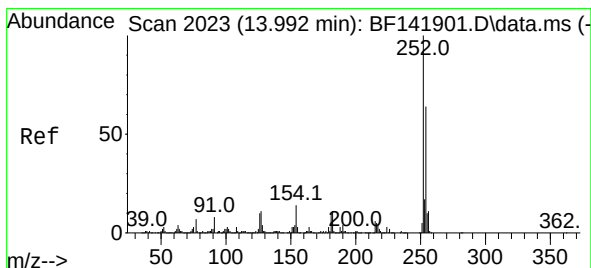
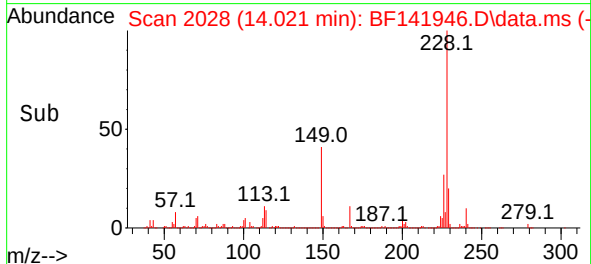
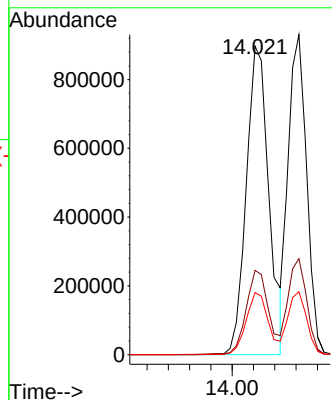
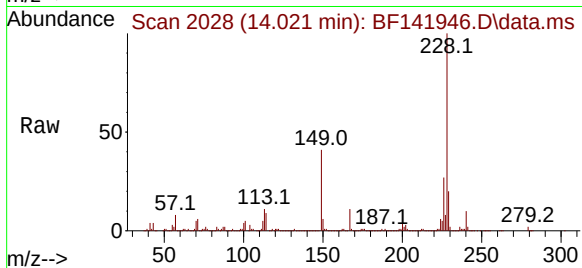




#81
Benzo(a)anthracene
Concen: 49.552 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

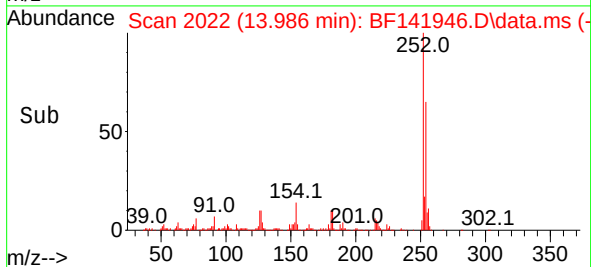
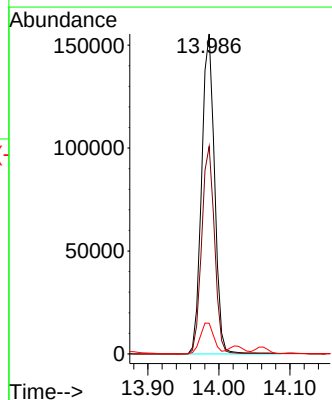
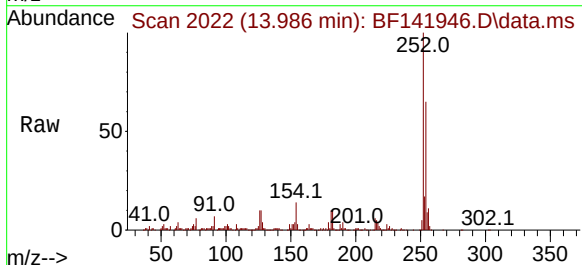
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

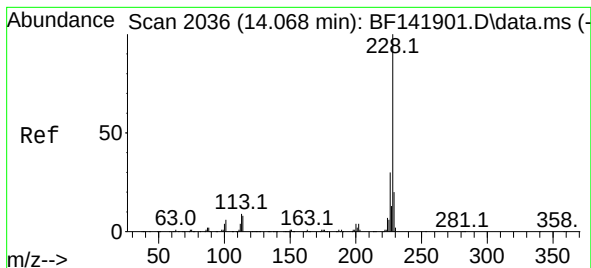
Tgt Ion:228 Resp: 1322113
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 25.637 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:252 Resp: 197679
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.6
126 9.6 8.4 12.6





#83

Chrysene

Concen: 46.229 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

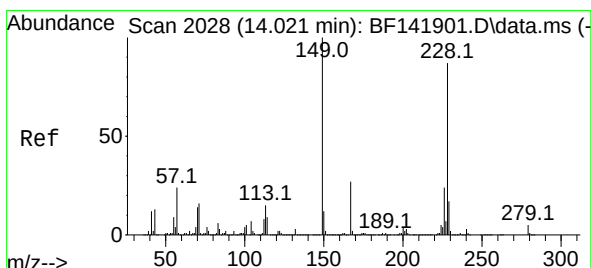
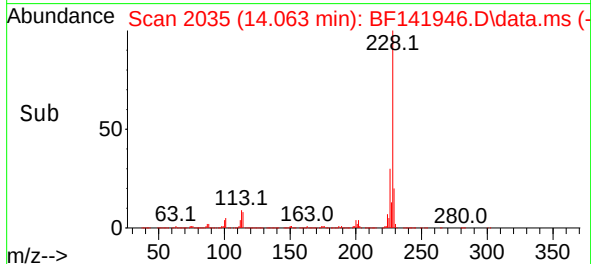
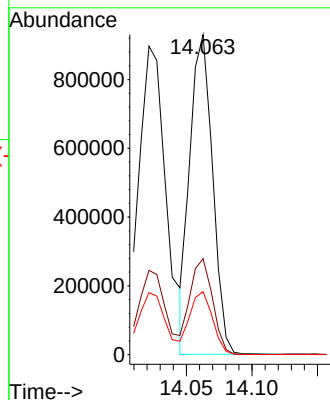
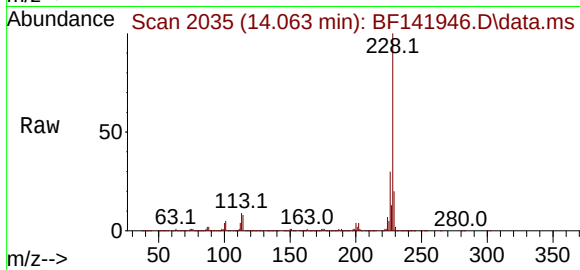
Tgt Ion:228 Resp: 1118088

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: 44.452 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

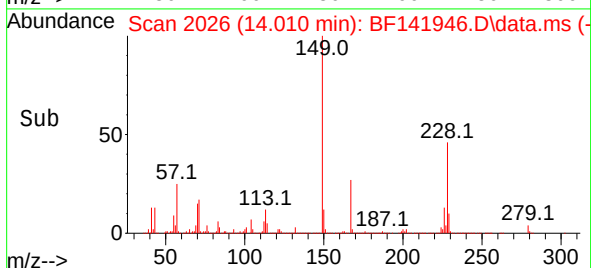
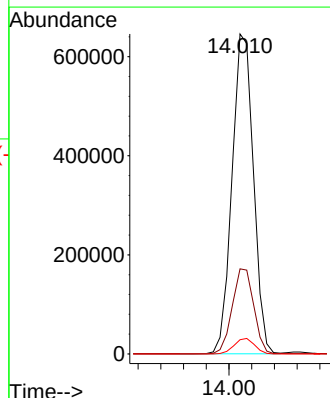
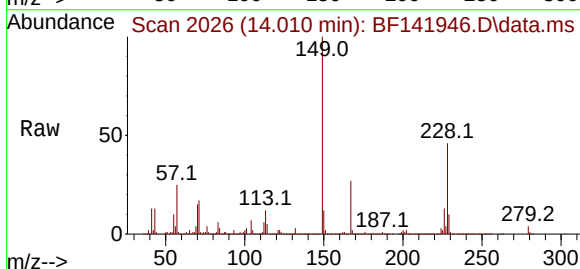
Tgt Ion:149 Resp: 843728

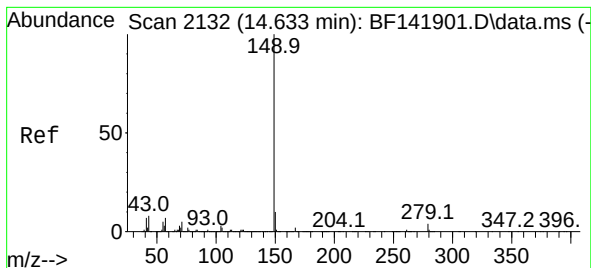
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.5 3.8 5.6

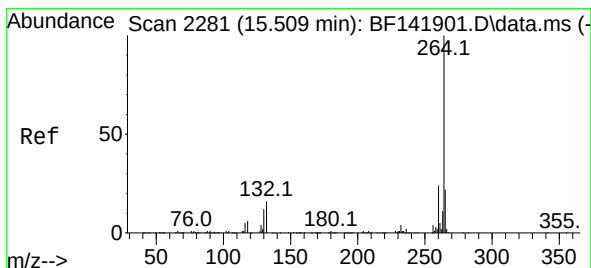
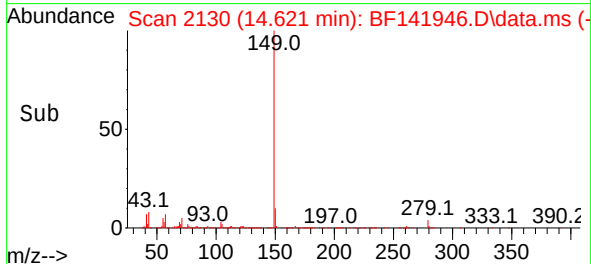
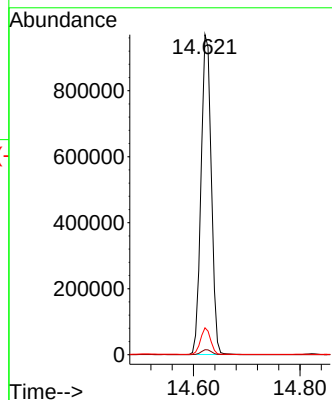
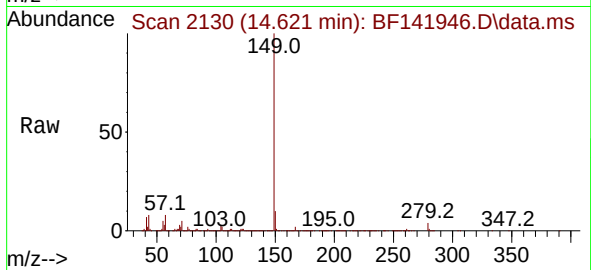




#85
Di-n-octyl phthalate
Concen: 48.942 ng
RT: 14.621 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

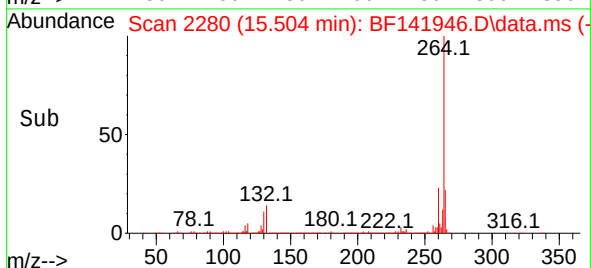
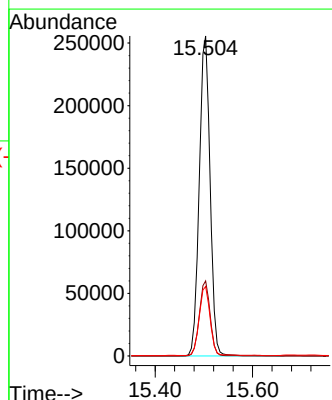
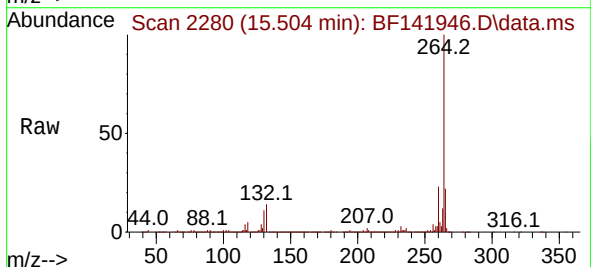
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

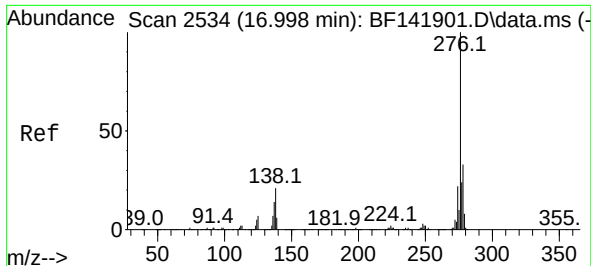
Tgt Ion:149 Resp: 1292537
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:264 Resp: 396481
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.7 17.5 26.3

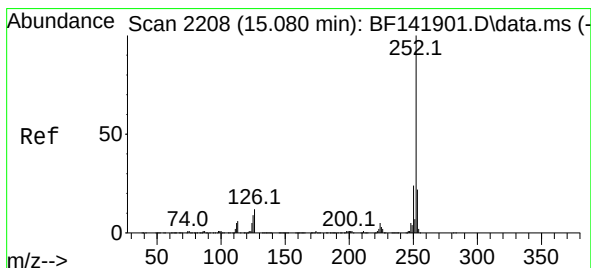
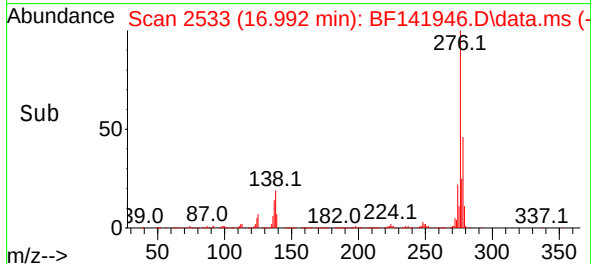
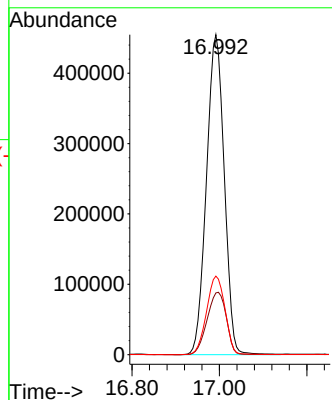
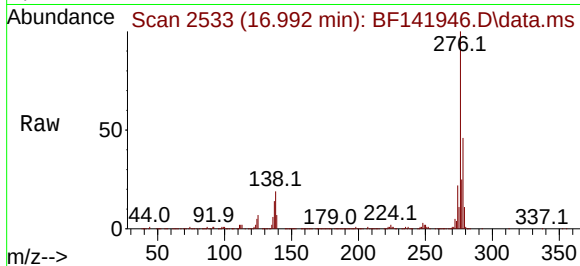




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.218 ng
 RT: 16.992 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141946.D
 Acq: 13 Mar 2025 17:44

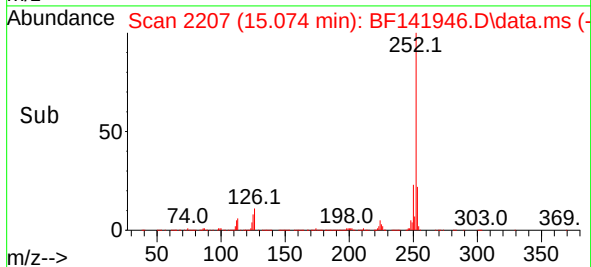
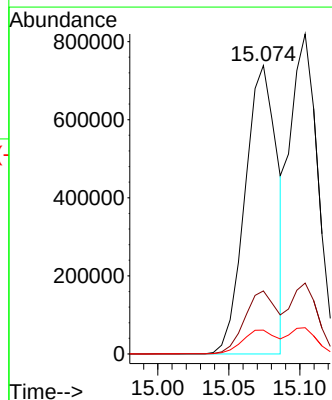
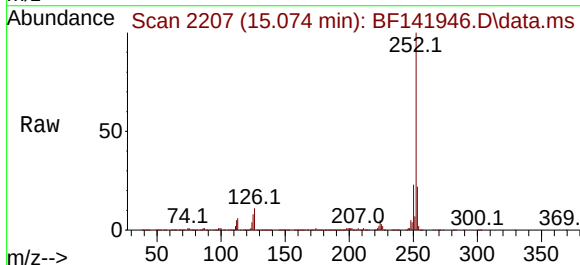
Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01MS

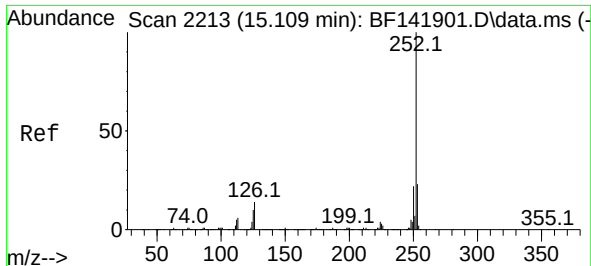
Tgt Ion:276 Resp: 1287978
 Ion Ratio Lower Upper
 276 100
 138 21.1 18.4 27.6
 277 25.5 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 42.691 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF141946.D
 Acq: 13 Mar 2025 17:44

Tgt Ion:252 Resp: 1160054
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 8.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 47.023 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF141946.D

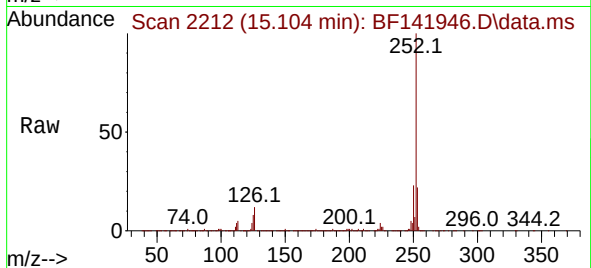
Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS



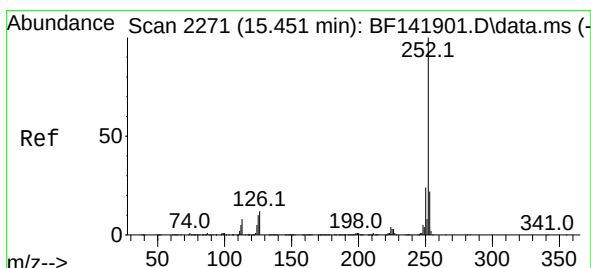
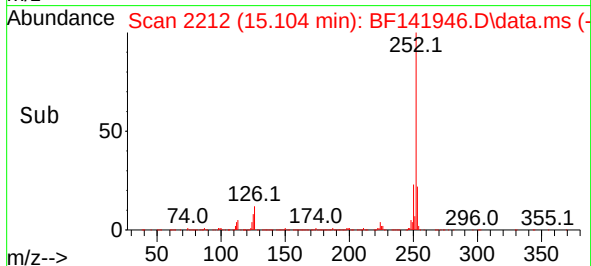
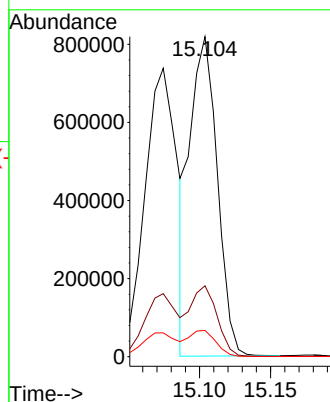
Tgt Ion:252 Resp: 1093471

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 49.869 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

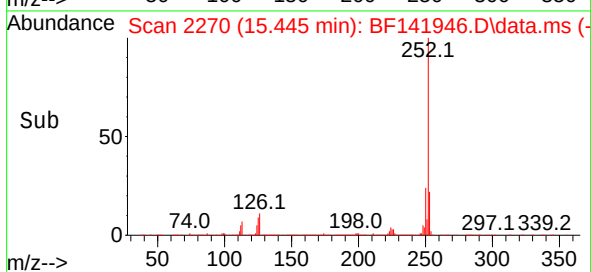
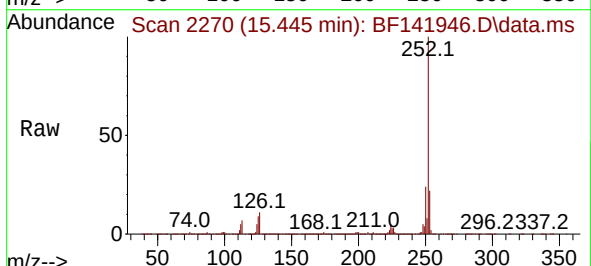
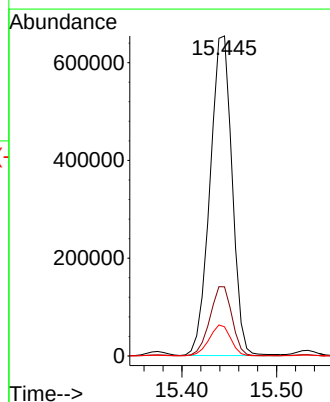
Tgt Ion:252 Resp: 1060301

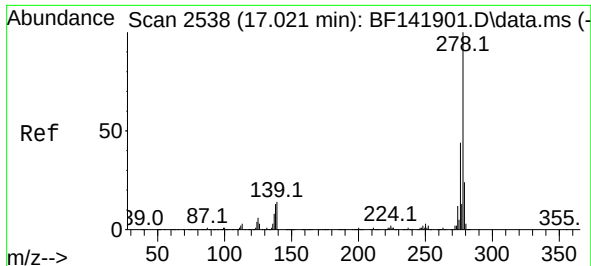
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.1 7.8 11.8

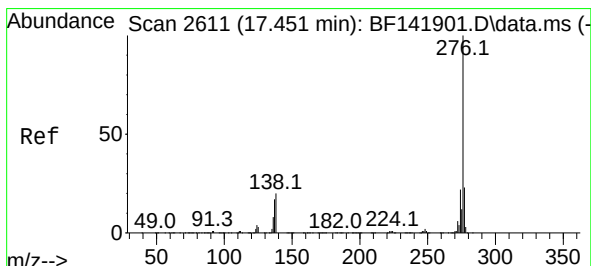
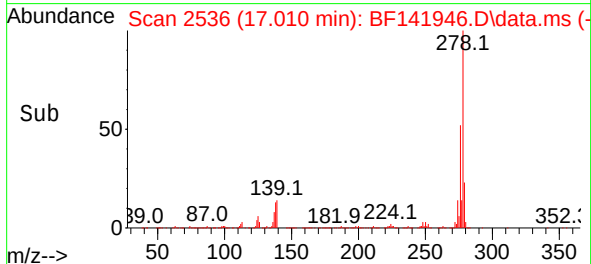
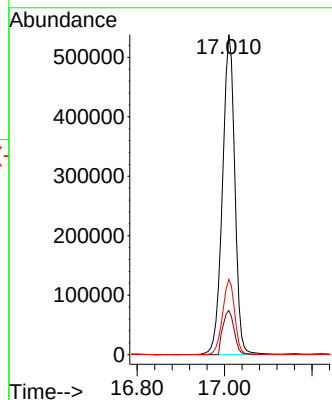
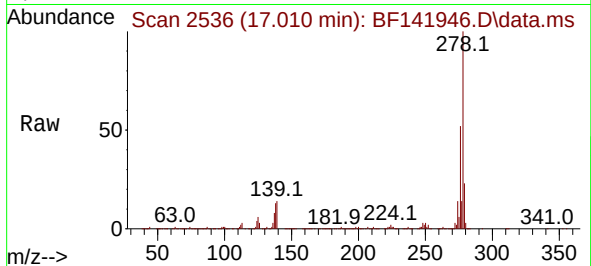




#91
Dibenzo(a,h)anthracene
Concen: 49.647 ng
RT: 17.010 min Scan# 2609
Delta R.T. -0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

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

Tgt Ion:278 Resp: 1050607
Ion Ratio Lower Upper
278 100
139 13.8 11.4 17.2
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 46.095 ng
RT: 17.439 min Scan# 2609
Delta R.T. -0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:276 Resp: 963917
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 18.3 15.8 23.8

