

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140730.D
 Acq On : 04 Dec 2024 16:54
 Operator : RC/JU
 Sample : P5052-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-50MSD

Quant Time: Dec 04 17:13:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	74796	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	282561	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	160857	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	300238	20.000	ng	0.00
76) Chrysene-d12	14.057	240	171011	20.000	ng	0.00
86) Perylene-d12	15.568	264	149001	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	578453	131.954	ng	0.02
7) Phenol-d6	6.516	99	739066	127.526	ng	0.00
23) Nitrobenzene-d5	7.434	82	493083	89.260	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	237531	138.069	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	964341	89.322	ng	0.00
79) Terphenyl-d14	12.986	244	1037561	94.474	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.851	88	72649	39.416	ng	# 83
3) Pyridine	3.593	79	53130	13.101	ng	99
4) n-Nitrosodimethylamine	3.498	42	102506	43.007	ng	93
6) Aniline	6.539	93	62004	15.200	ng	# 1
8) 2-Chlorophenol	6.663	128	230072	48.783	ng	96
9) Benzaldehyde	6.428	77	47131	15.362	ng	98
10) Phenol	6.534	94	278760	47.099	ng	88
11) bis(2-Chloroethyl)ether	6.604	93	215245	47.525	ng	99
12) 1,3-Dichlorobenzene	6.810	146	233367	44.036	ng	99
13) 1,4-Dichlorobenzene	6.886	146	236228	44.024	ng	100
14) 1,2-Dichlorobenzene	7.039	146	227229	45.193	ng	99
15) Benzyl Alcohol	7.016	79	215372	50.112	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	257136	48.058	ng	77
17) 2-Methylphenol	7.134	107	186499	49.400	ng	97
18) Hexachloroethane	7.375	117	86386	43.105	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	168358	49.154	ng	96
20) 3+4-Methylphenols	7.286	107	244330	50.351	ng	94
22) Acetophenone	7.281	105	322977	46.885	ng	96
24) Nitrobenzene	7.457	77	254071	44.501	ng	98
25) Isophorone	7.692	82	457607	49.665	ng	100
26) 2-Nitrophenol	7.769	139	124922	49.374	ng	98
27) 2,4-Dimethylphenol	7.810	122	188178m	62.161	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	267112	47.587	ng	99
29) 2,4-Dichlorophenol	8.016	162	205158	51.145	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	203382	44.406	ng	100
31) Naphthalene	8.175	128	680919	46.784	ng	100
32) Benzoic acid	7.945	122	93335	37.313	ng	95
33) 4-Chloroaniline	8.228	127	56048	12.862	ng	99
34) Hexachlorobutadiene	8.286	225	136294	44.928	ng	99
35) Caprolactam	8.604	113	50706m	40.846	ng	
36) 4-Chloro-3-methylphenol	8.716	107	225220	50.147	ng	99
37) 2-Methylnaphthalene	8.863	142	451139	48.802	ng	99
38) 1-Methylnaphthalene	8.963	142	418154	46.147	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	220742	46.876	ng	100
41) Hexachlorocyclopentadiene	9.010	237	157878	142.850	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	142854	48.345	ng	100

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Quant Time: Dec 04 17:13:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	151167	47.138	ng	97
46) 1,1'-Biphenyl	9.328	154	574072	47.801	ng	99
47) 2-Chloronaphthalene	9.357	162	433575	47.645	ng	98
48) 2-Nitroaniline	9.457	65	139745	47.843	ng	96
49) Acenaphthylene	9.769	152	703148	51.140	ng	100
50) Dimethylphthalate	9.627	163	534767	50.479	ng	100
51) 2,6-Dinitrotoluene	9.698	165	115349	48.009	ng	93
52) Acenaphthene	9.945	154	424408	48.580	ng	99
53) 3-Nitroaniline	9.869	138	45597	19.404	ng	93
54) 2,4-Dinitrophenol	9.986	184	75978	62.911	ng	95
55) Dibenzofuran	10.116	168	644412	48.359	ng	99
56) 4-Nitrophenol	10.051	139	137104	85.549	ng	95
57) 2,4-Dinitrotoluene	10.110	165	150823	47.233	ng	94
58) Fluorene	10.457	166	517205	48.354	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	132489	53.756	ng	94
60) Diethylphthalate	10.327	149	528747	49.123	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	257768	49.106	ng	99
62) 4-Nitroaniline	10.486	138	108041	43.837	ng	96
63) Azobenzene	10.610	77	492941	48.360	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	67218	43.812	ng	95
66) n-Nitrosodiphenylamine	10.569	169	444902	50.108	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	150964	48.824	ng	99
68) Hexachlorobenzene	11.010	284	172823	48.272	ng	99
69) Atrazine	11.098	200	143327	57.382	ng	98
70) Pentachlorophenol	11.210	266	148256	94.086	ng	100
71) Phenanthrene	11.427	178	722435	50.057	ng	99
72) Anthracene	11.480	178	742033	52.562	ng	100
73) Carbazole	11.633	167	663278	48.839	ng	100
74) Di-n-butylphthalate	11.957	149	797481	50.862	ng	99
75) Fluoranthene	12.616	202	766931	48.944	ng	99
77) Benzidine	12.745	184	23556	4.738	ng	97
78) Pyrene	12.851	202	780252	49.345	ng	99
80) Butylbenzylphthalate	13.457	149	301791	52.982	ng	98
81) Benzo(a)anthracene	14.045	228	590374	52.152	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	70751	20.817	ng	99
83) Chrysene	14.086	228	497886	48.100	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	393478	54.706	ng	98
85) Di-n-octyl phthalate	14.657	149	558122	56.780	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	510723	52.596	ng	99
88) Benzo(b)fluoranthene	15.127	252	465862	49.777	ng	99
89) Benzo(k)fluoranthene	15.157	252	402212	49.111	ng	99
90) Benzo(a)pyrene	15.509	252	405996	53.353	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	419933	52.806	ng	99
92) Benzo(g,h,i)perylene	17.551	276	381474	47.009	ng	99

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

BNA F

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ClientSampleId :

OR-640-COMP-50MSD

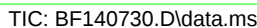
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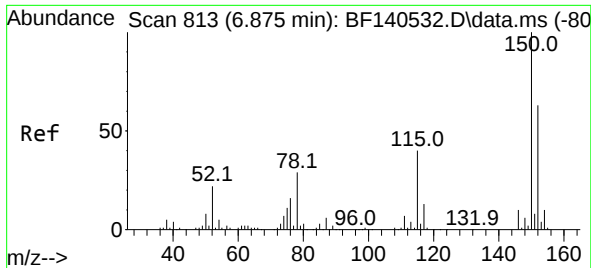
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

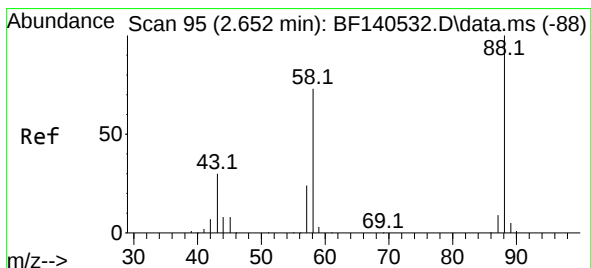
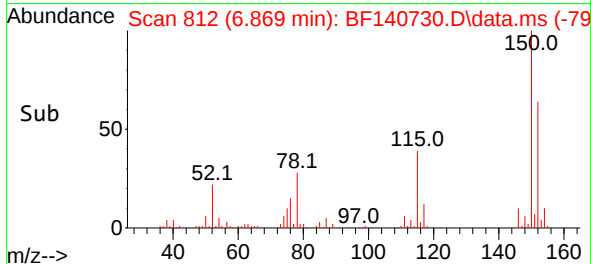
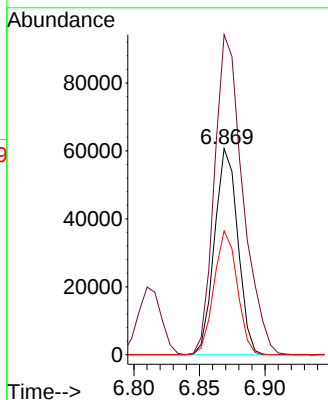
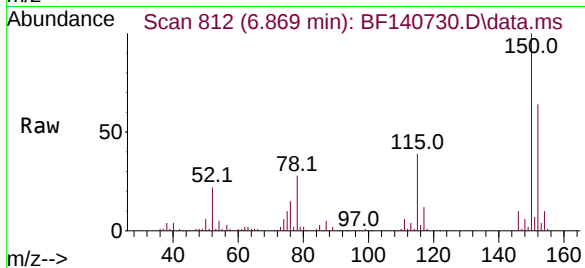




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140730.D
 Acq: 04 Dec 2024 16:54

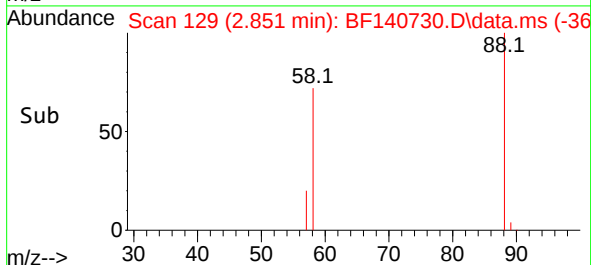
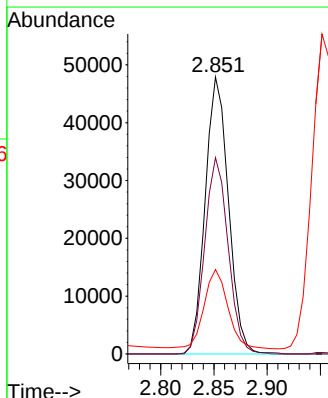
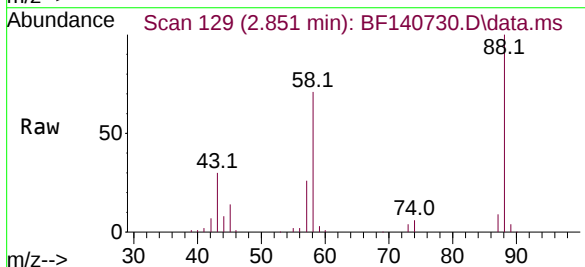
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-50MSD

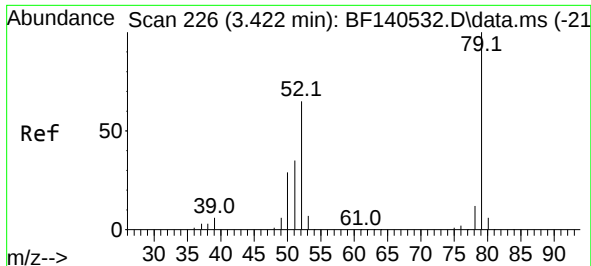
Tgt Ion:152 Resp: 74796
 Ion Ratio Lower Upper
 152 100
 150 155.3 128.5 192.7
 115 60.1 50.2 75.4



#2
 1,4-Dioxane
 Concen: 39.416 ng
 RT: 2.851 min Scan# 129
 Delta R.T. 0.200 min
 Lab File: BF140730.D
 Acq: 04 Dec 2024 16:54

Tgt Ion: 88 Resp: 72649
 Ion Ratio Lower Upper
 88 100
 58 71.7 57.4 86.2
 43 0.0 24.3 36.5

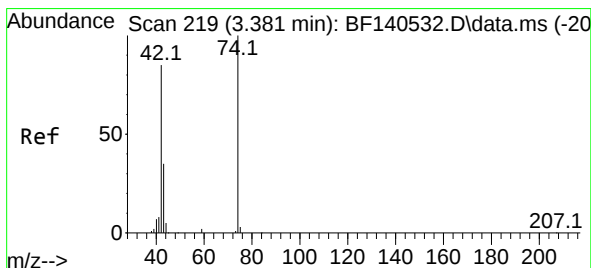
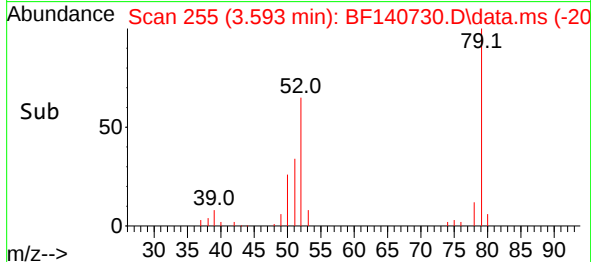
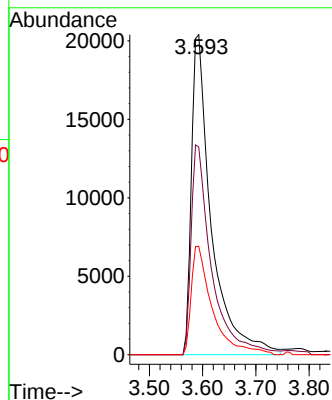
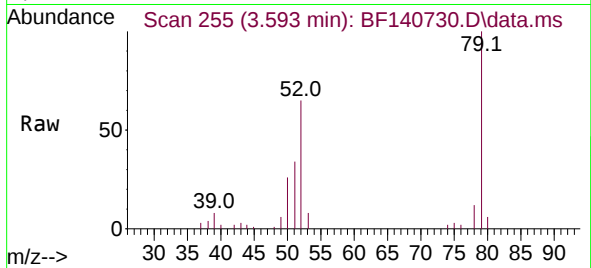




#3
Pyridine
Concen: 13.101 ng
RT: 3.593 min Scan# 21
Delta R.T. 0.170 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

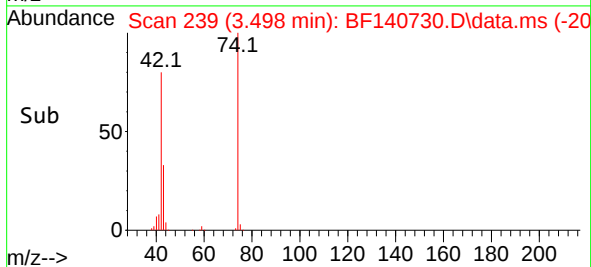
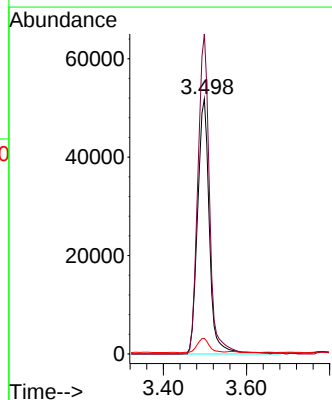
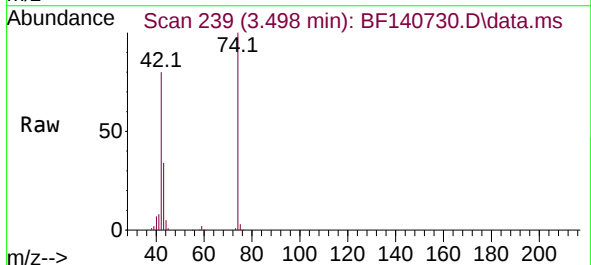
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BNA_F
ClientSampleId :
OR-640-COMP-50MSD

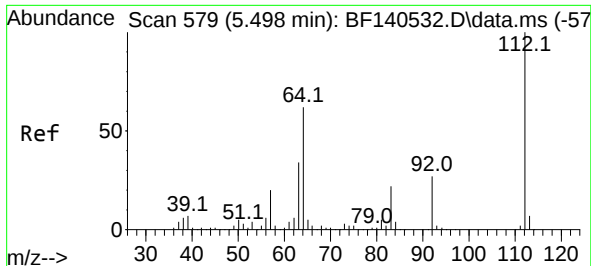
Tgt Ion: 79 Resp: 53130
Ion Ratio Lower Upper
79 100
52 64.9 52.1 78.1
51 33.8 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 43.007 ng
RT: 3.498 min Scan# 239
Delta R.T. 0.118 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion: 42 Resp: 102506
Ion Ratio Lower Upper
42 100
74 125.5 93.8 140.6
44 6.1 4.6 6.8

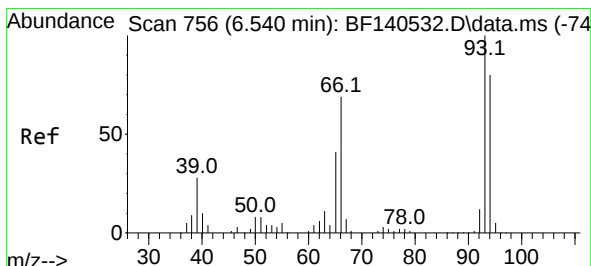
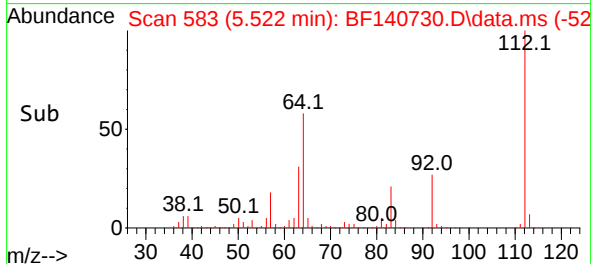
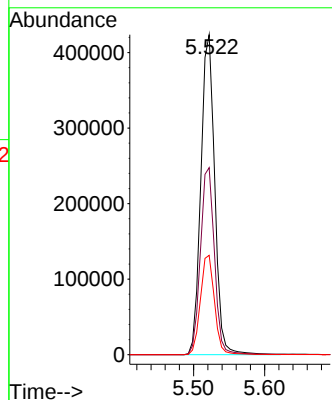
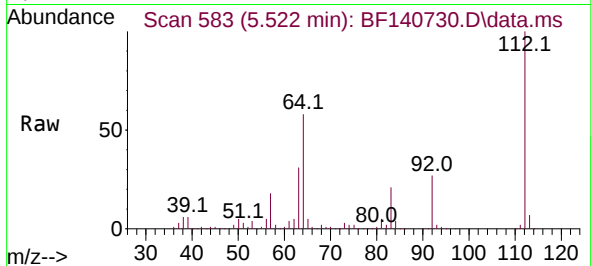




#5
2-Fluorophenol
Concen: 131.954 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

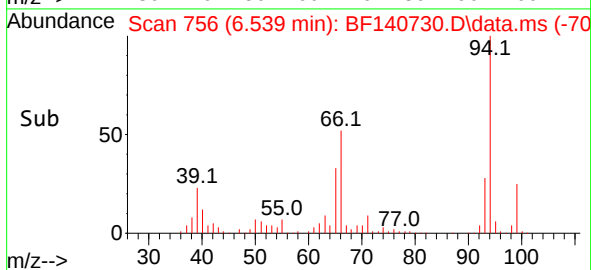
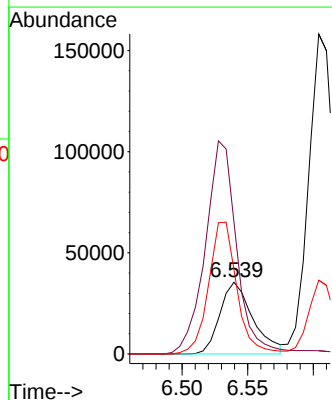
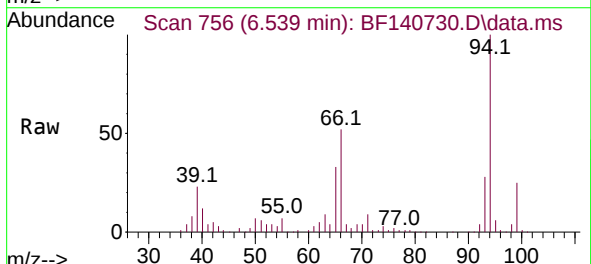
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BNA_F
ClientSampleId :
OR-640-COMP-50MSD

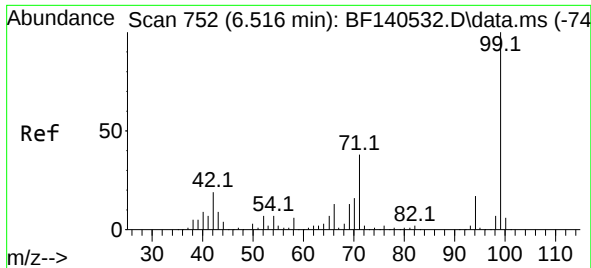
Tgt Ion:112 Resp: 578453
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.1 27.0 40.4



#6
Aniline
Concen: 15.200 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion: 93 Resp: 62004
Ion Ratio Lower Upper
93 100
66 183.9 56.5 84.7#
65 117.6 32.9 49.3#

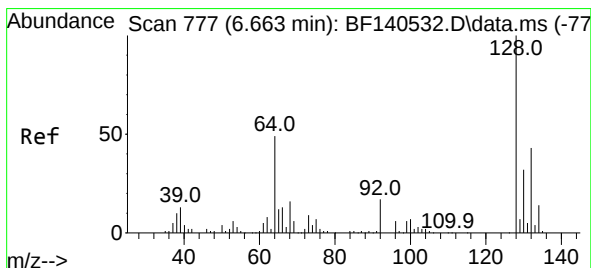
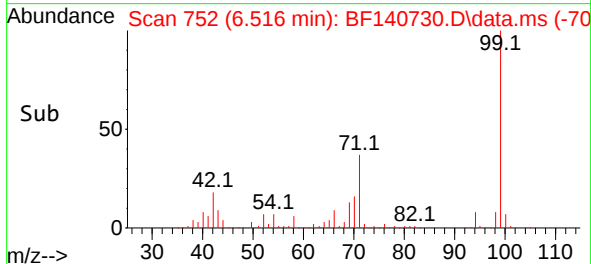
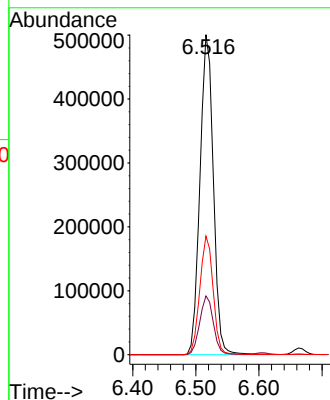
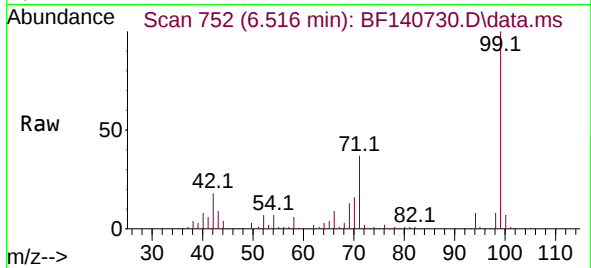




#7
Phenol-d6
Concen: 127.526 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

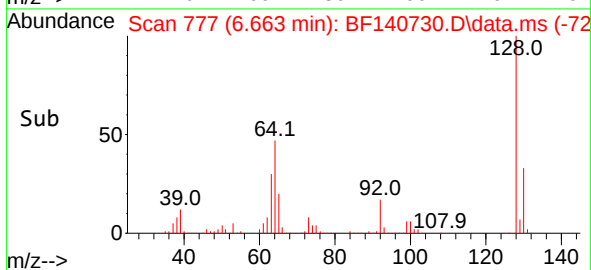
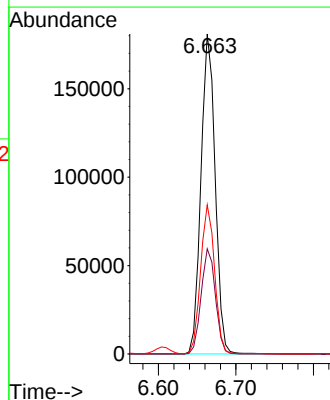
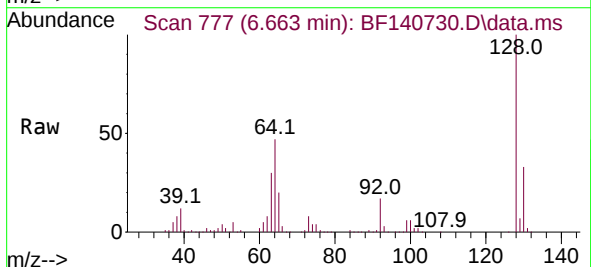
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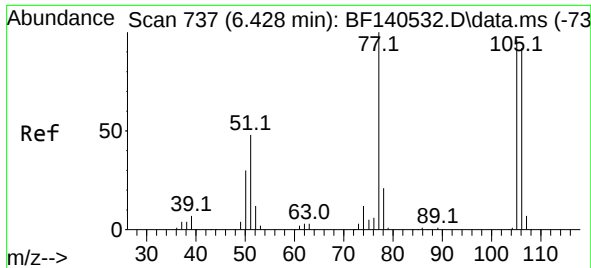
Tgt Ion: 99 Resp: 739066
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.1 30.6 46.0



#8
2-Chlorophenol
Concen: 48.783 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:128 Resp: 230072
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 46.6 30.2 70.2





#9

Benzaldehyde

Concen: 15.362 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

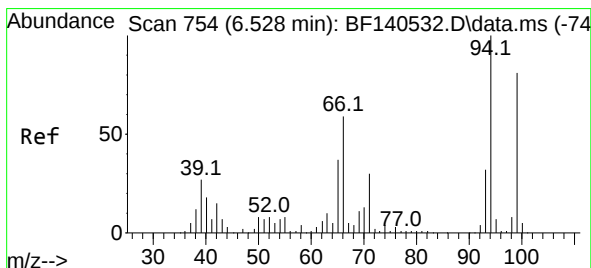
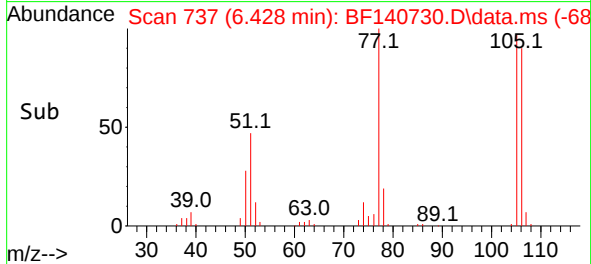
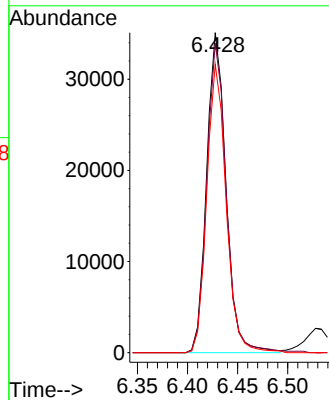
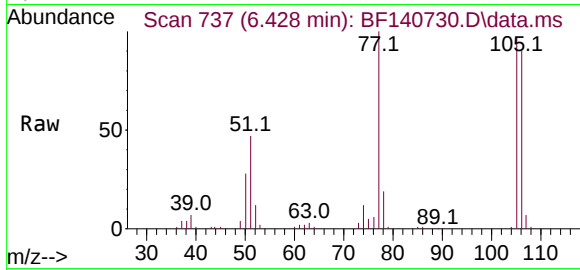
Tgt Ion: 77 Resp: 47131

Ion Ratio Lower Upper

77 100

105 96.6 75.6 115.6

106 90.1 72.0 112.0



#10

Phenol

Concen: 47.099 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

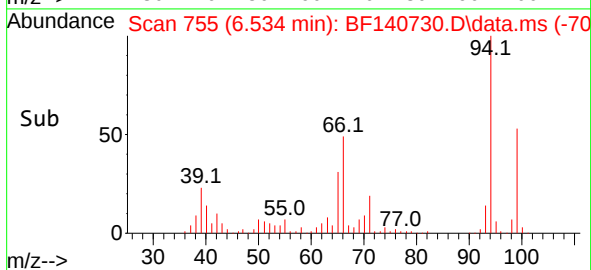
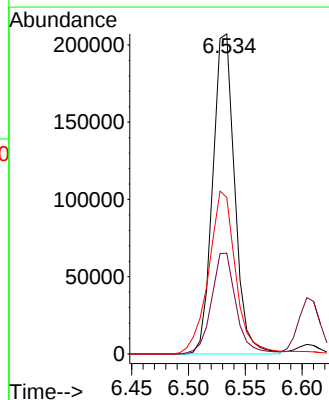
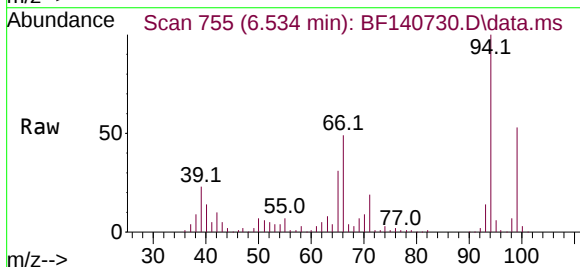
Tgt Ion: 94 Resp: 278760

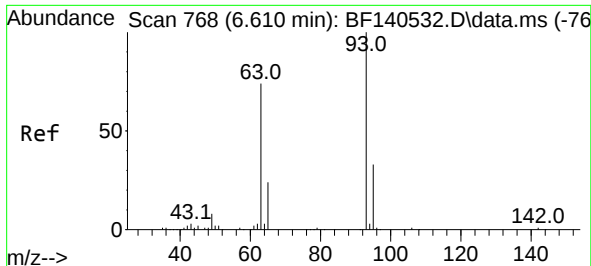
Ion Ratio Lower Upper

94 100

65 31.5 17.2 57.2

66 48.9 39.2 79.2

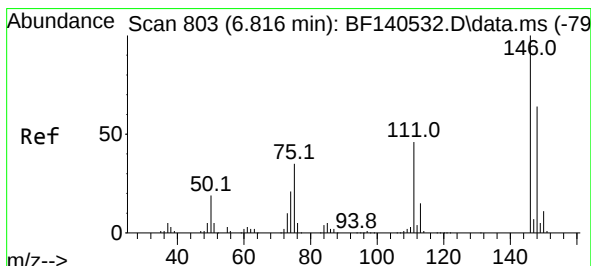
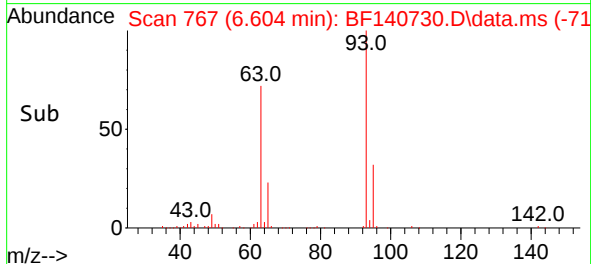
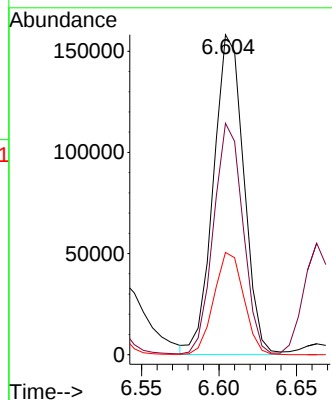
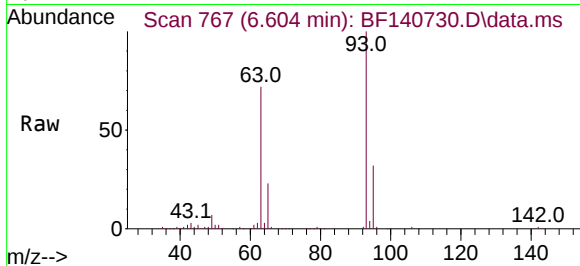




#11
bis(2-Chloroethyl)ether
Concen: 47.525 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

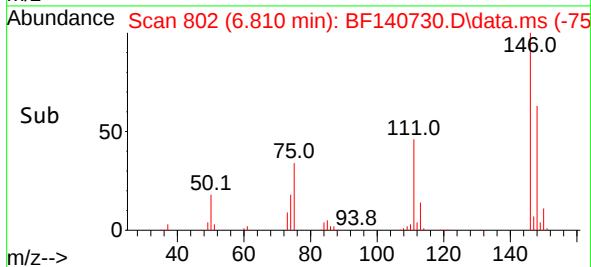
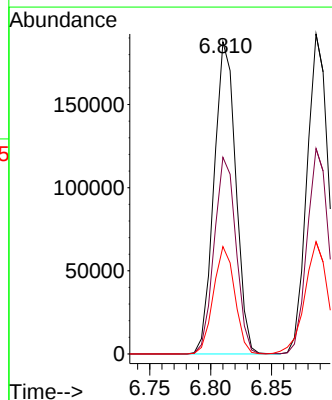
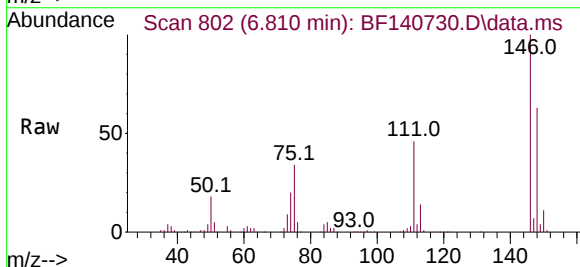
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

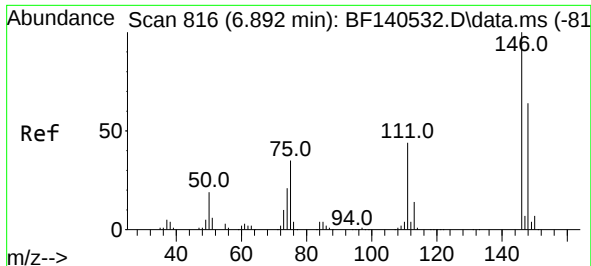
Tgt Ion: 93 Resp: 215245
Ion Ratio Lower Upper
93 100
63 72.3 52.8 92.8
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.036 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion: 146 Resp: 233367
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 34.4 28.2 42.2

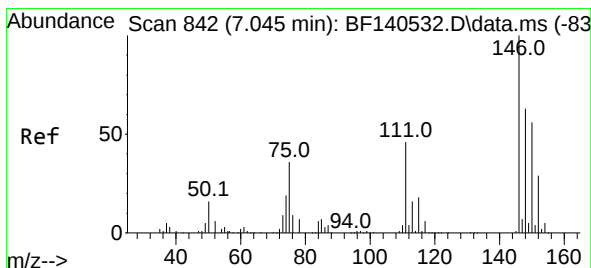
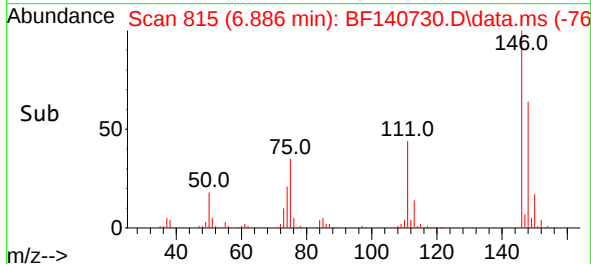
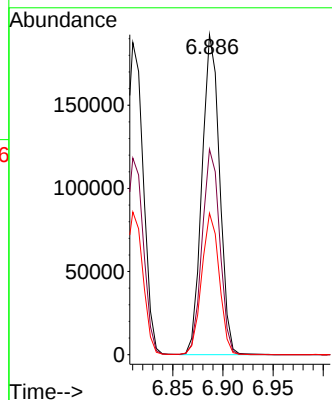
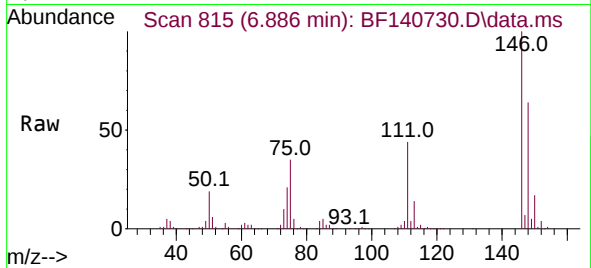




#13
1,4-Dichlorobenzene
Concen: 44.024 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

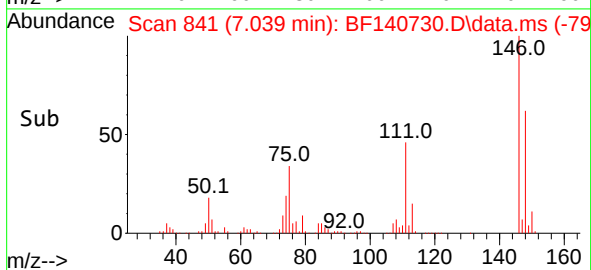
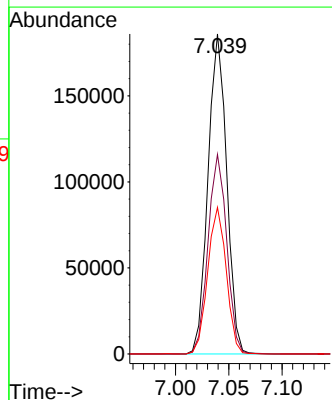
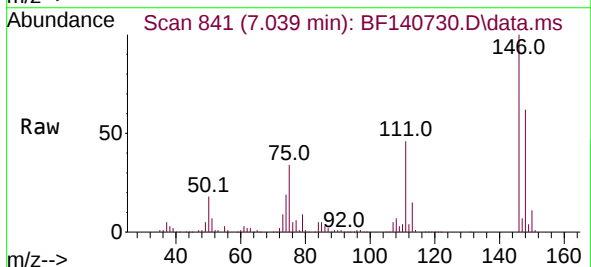
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

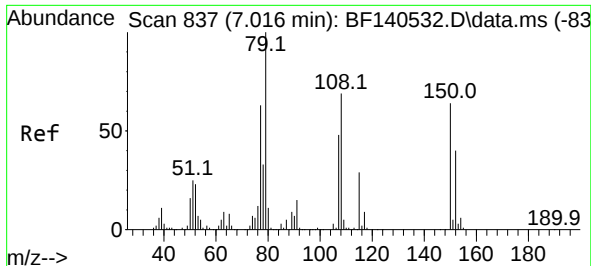
Tgt Ion:146 Resp: 236228
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 44.2 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 45.193 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:146 Resp: 227229
Ion Ratio Lower Upper
146 100
148 62.4 50.5 75.7
111 45.8 36.7 55.1

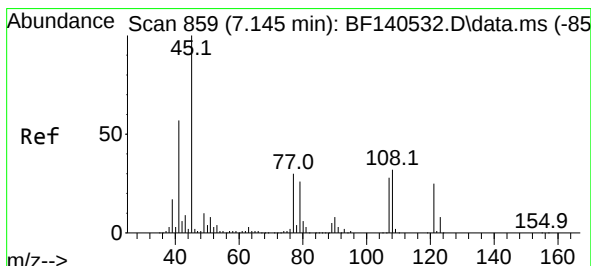
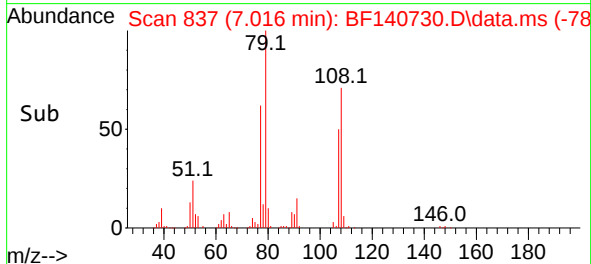
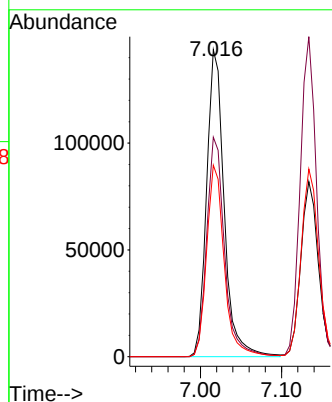
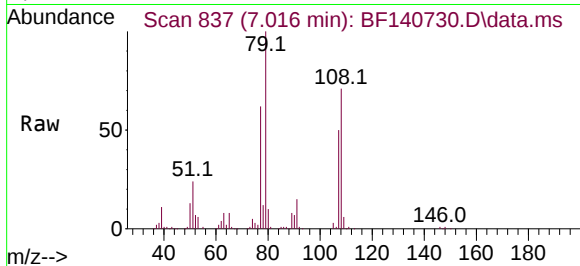




#15
Benzyl Alcohol
Concen: 50.112 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

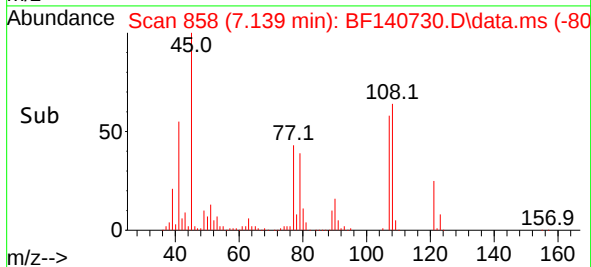
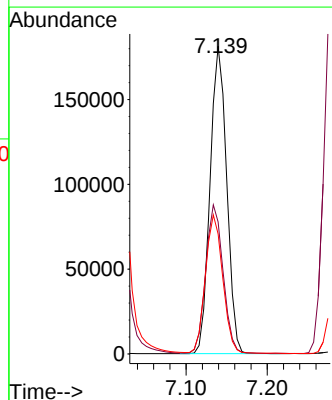
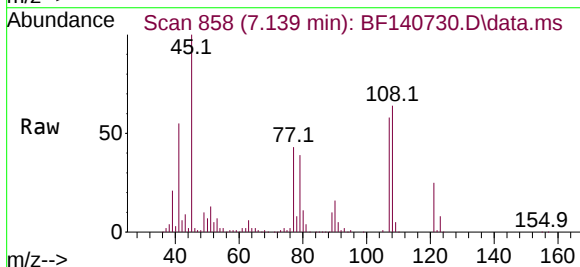
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

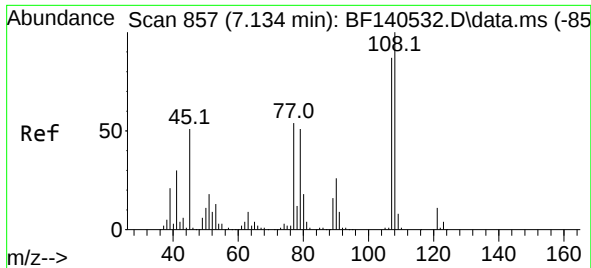
Tgt Ion: 79 Resp: 215372
Ion Ratio Lower Upper
79 100
108 71.5 55.0 82.6
77 62.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.058 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion: 45 Resp: 257136
Ion Ratio Lower Upper
45 100
77 42.9 10.7 50.7
79 39.0 7.0 47.0

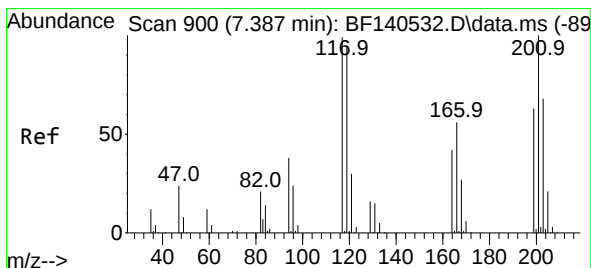
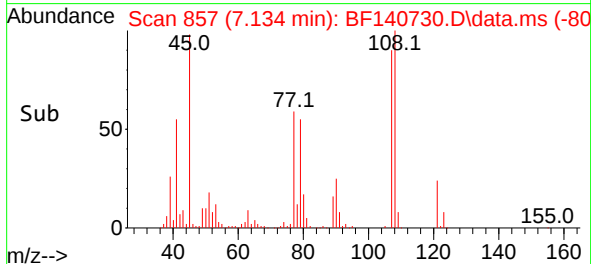
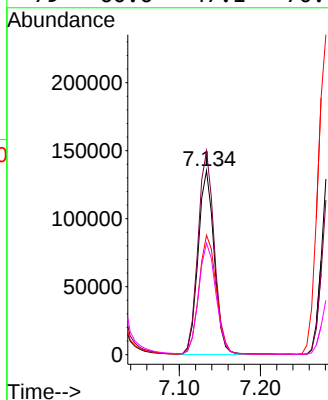
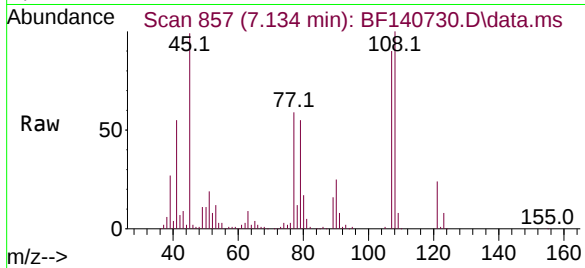




#17
2-Methylphenol
Concen: 49.400 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

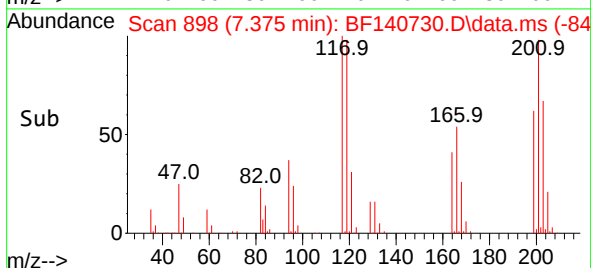
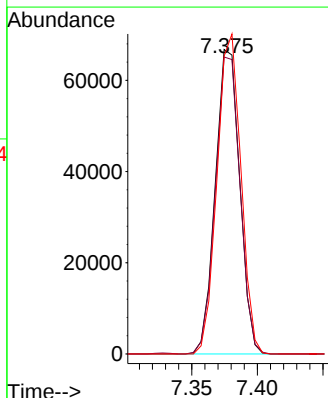
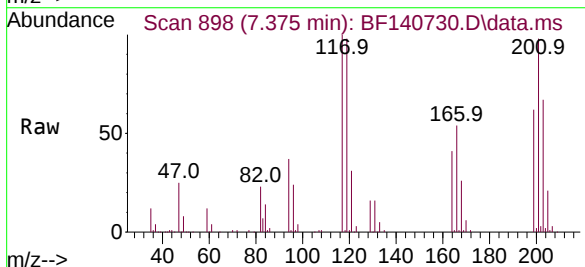
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

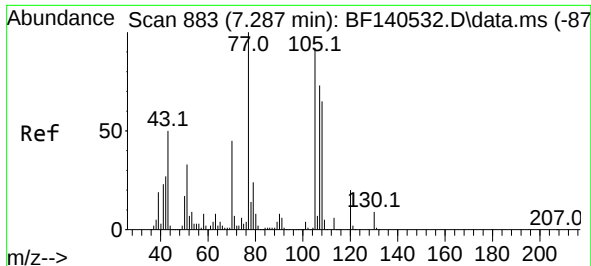
Tgt Ion:107 Resp: 186499
Ion Ratio Lower Upper
107 100
108 110.8 91.7 137.5
77 65.0 49.3 73.9
79 60.6 47.1 70.7



#18
Hexachloroethane
Concen: 43.105 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:117 Resp: 86386
Ion Ratio Lower Upper
117 100
119 97.5 77.1 115.7
201 97.8 81.1 121.7



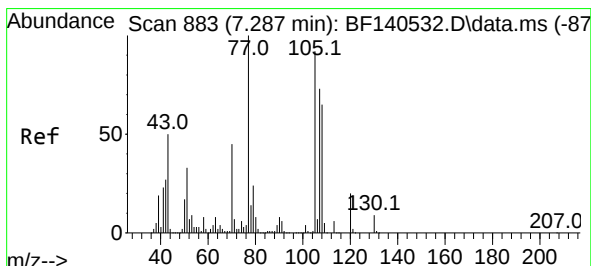
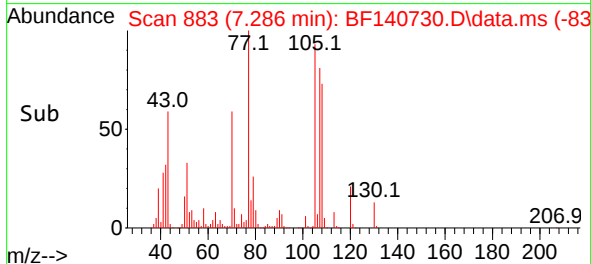
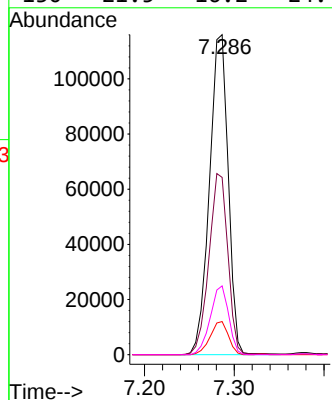
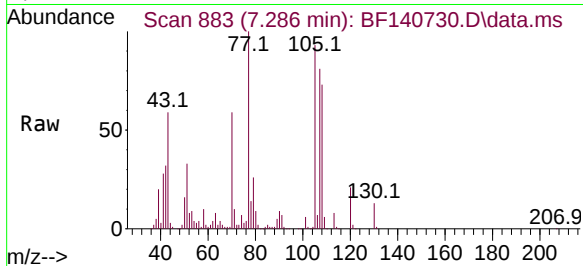


#19
n-Nitroso-di-n-propylamine
Concen: 49.154 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

Tgt Ion: 70 Resp: 168358

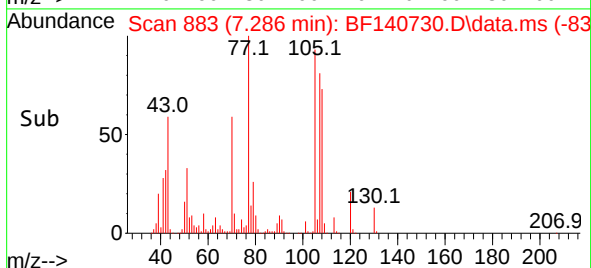
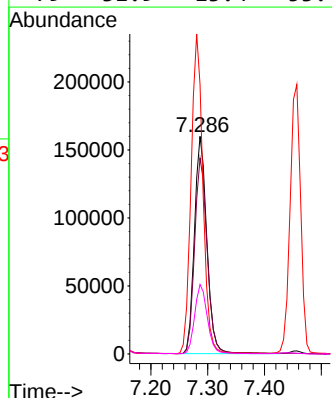
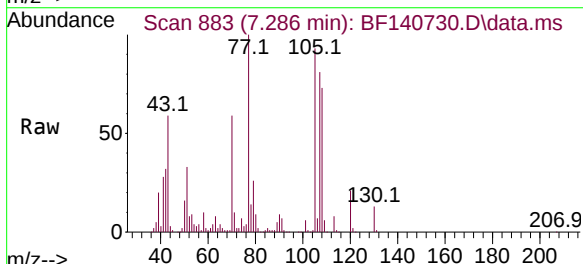
Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.6	71.4
101	10.3	7.6	11.4
130	21.5	16.2	24.4

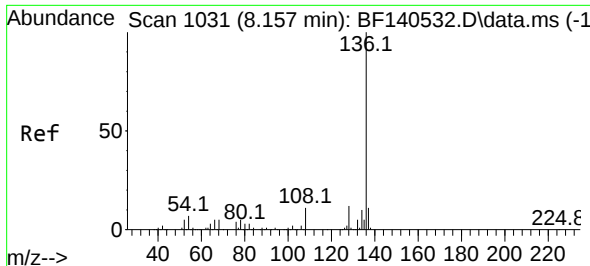


#20
3+4-Methylphenols
Concen: 50.351 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion: 107 Resp: 244330

Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.9	109.9
77	123.8	117.7	157.7
79	31.9	13.4	53.4

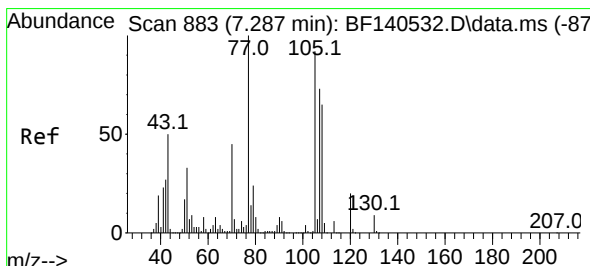
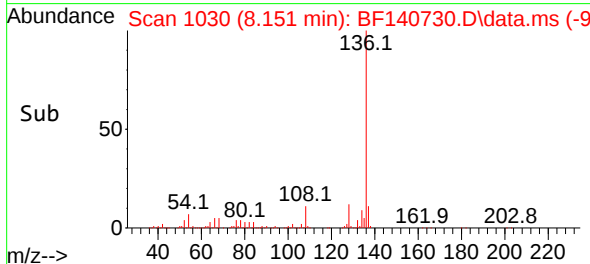
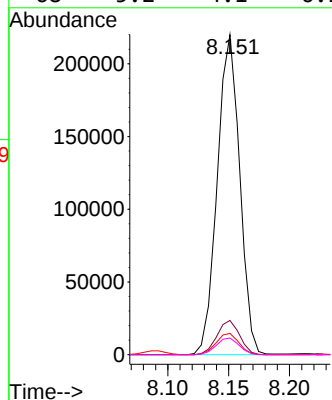
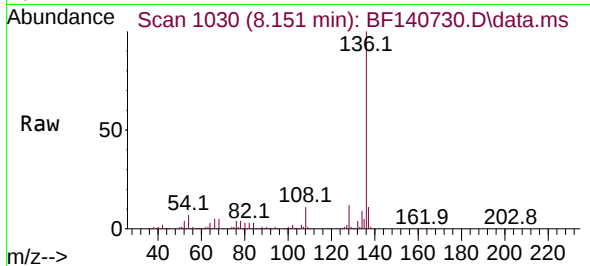




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

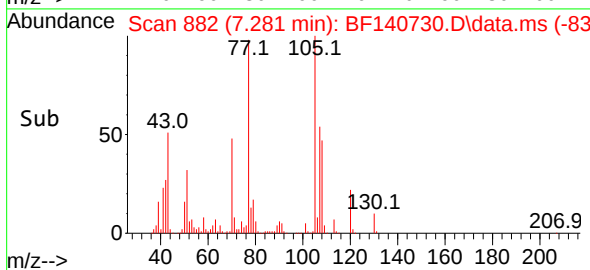
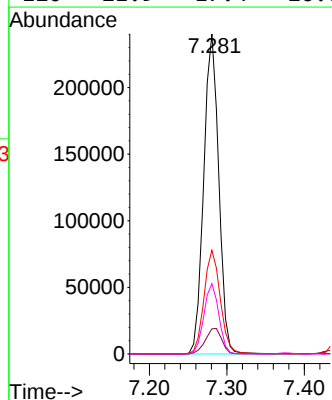
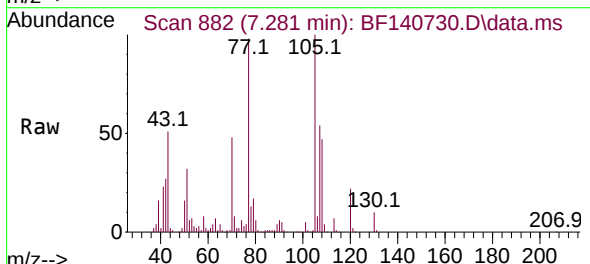
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

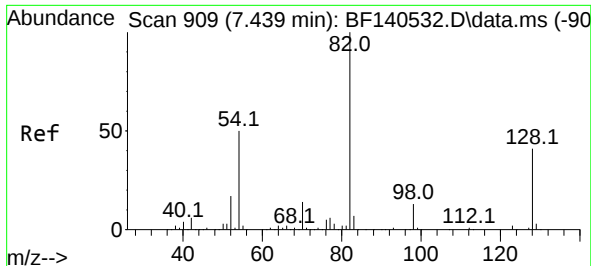
Tgt	Ion:136	Resp:	282561
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.6	5.8	8.8
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 46.885 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt	Ion:105	Resp:	322977
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.2	9.2
51	32.4	29.0	43.6
120	21.9	17.4	26.0

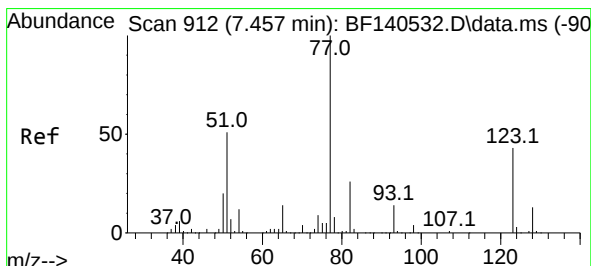
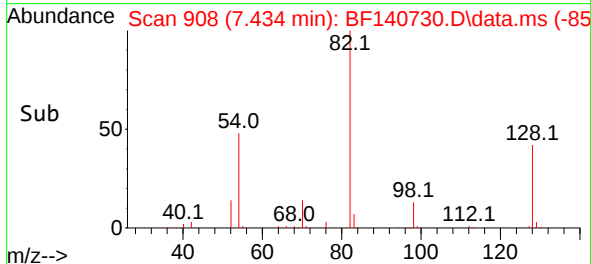
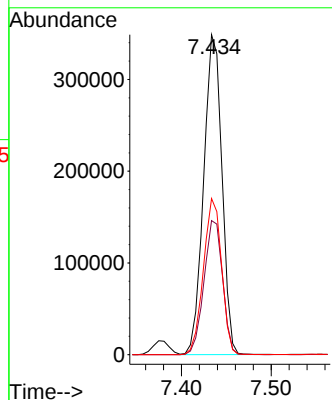
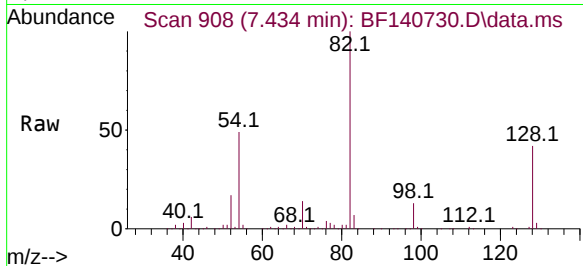




#23
Nitrobenzene-d5
Concen: 89.260 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

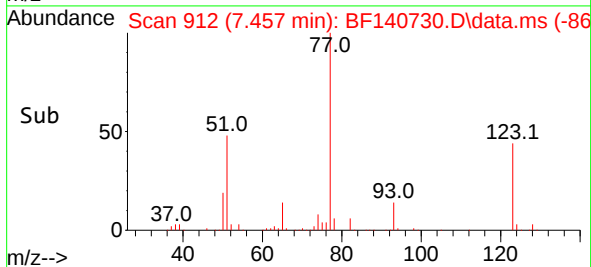
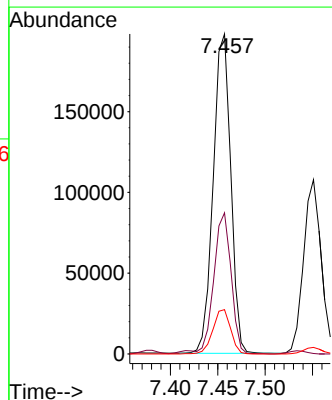
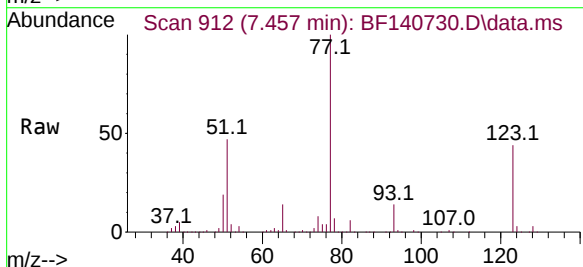
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

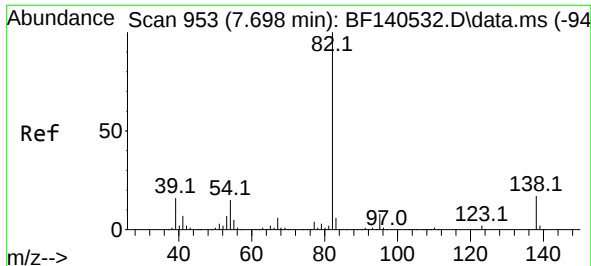
Tgt Ion: 82 Resp: 493083
Ion Ratio Lower Upper
82 100
128 41.9 33.0 49.4
54 48.8 39.5 59.3



#24
Nitrobenzene
Concen: 44.501 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion: 77 Resp: 254071
Ion Ratio Lower Upper
77 100
123 44.1 34.3 51.5
65 13.9 11.2 16.8

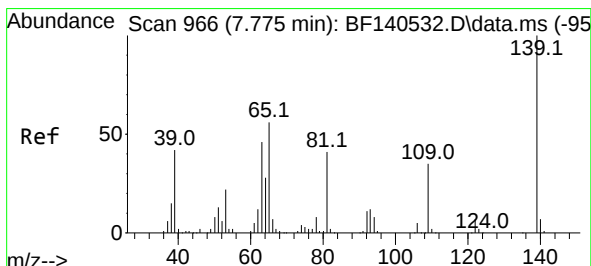
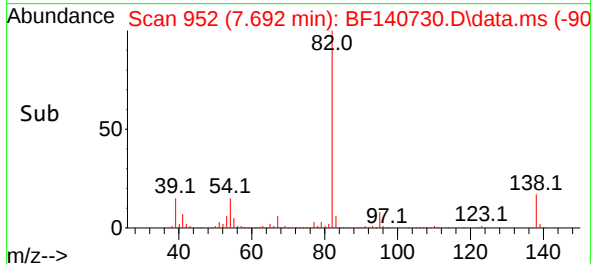
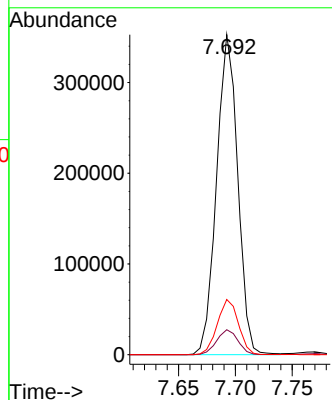
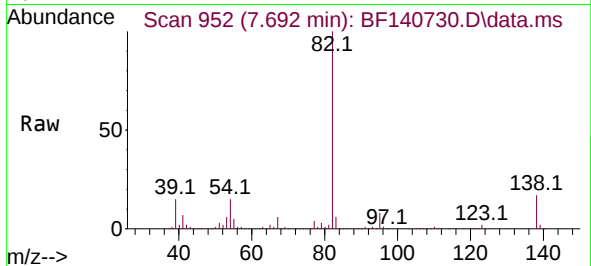




#25
Isophorone
Concen: 49.665 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

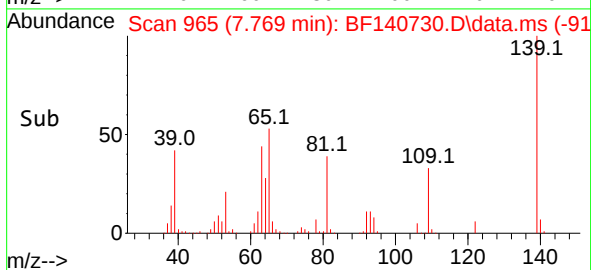
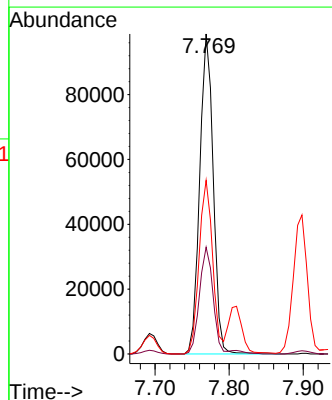
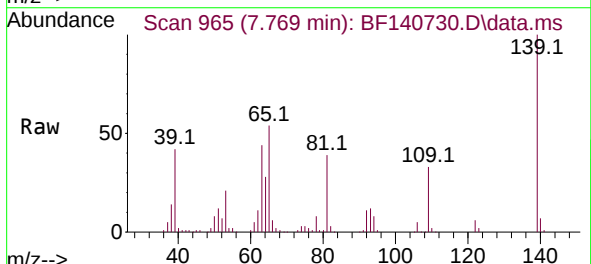
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

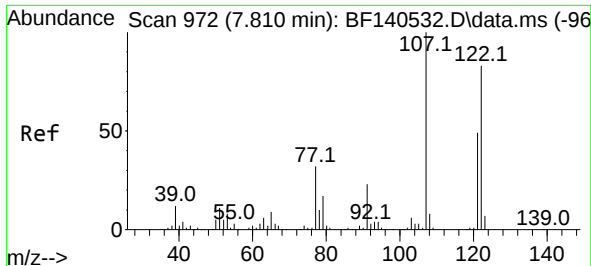
Tgt Ion: 82 Resp: 457607
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 49.374 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:139 Resp: 124922
Ion Ratio Lower Upper
139 100
109 33.3 28.0 42.0
65 54.3 44.6 67.0

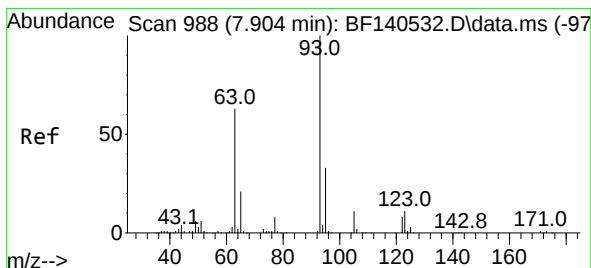
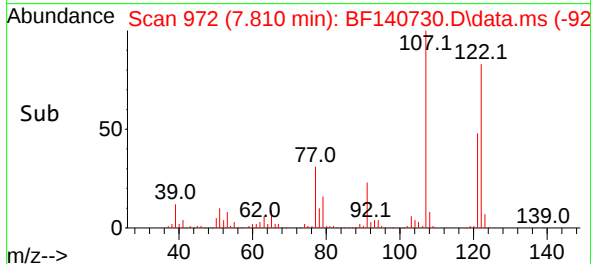
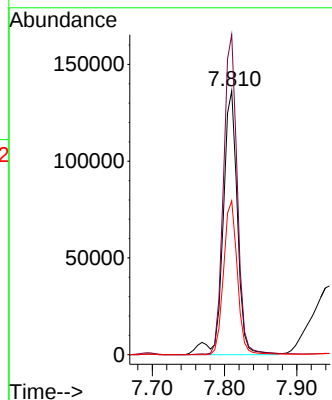
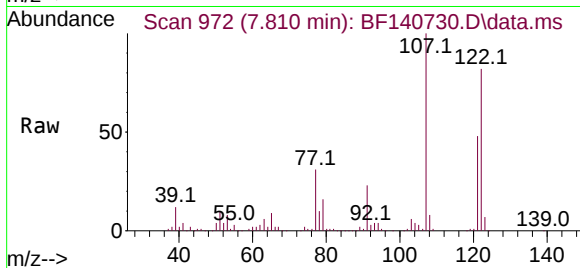




#27
2,4-Dimethylphenol
Concen: 62.161 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

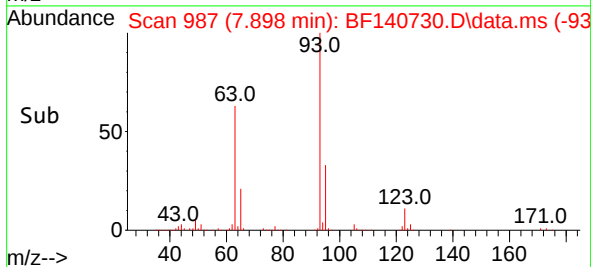
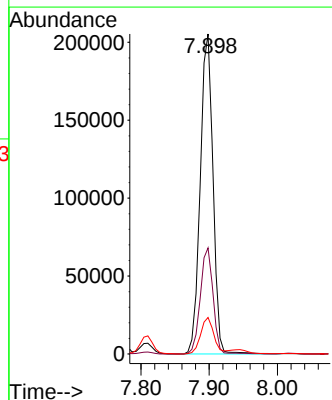
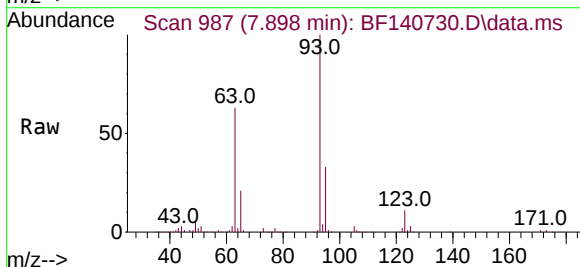
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

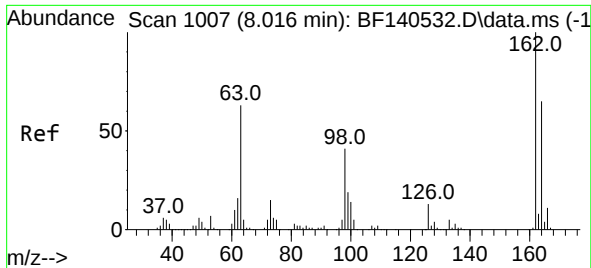
Tgt Ion:122 Resp: 188178
Ion Ratio Lower Upper
122 100
107 121.3 96.8 145.2
121 58.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.587 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion: 93 Resp: 267112
Ion Ratio Lower Upper
93 100
95 33.2 26.1 39.1
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.145 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

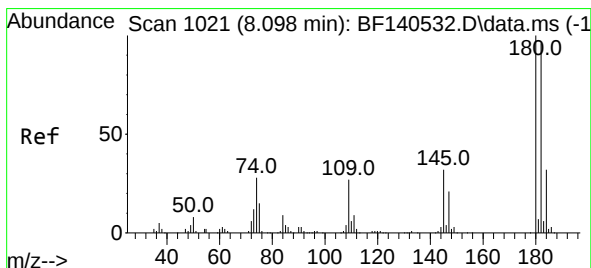
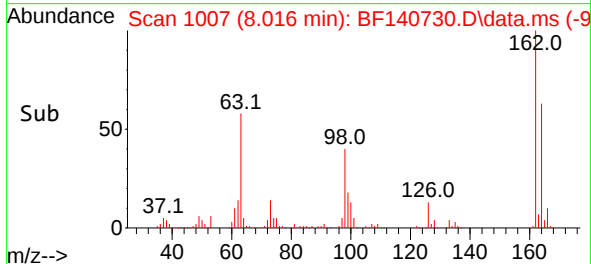
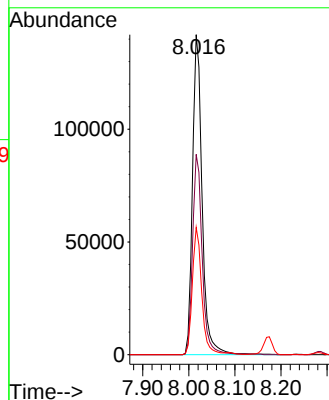
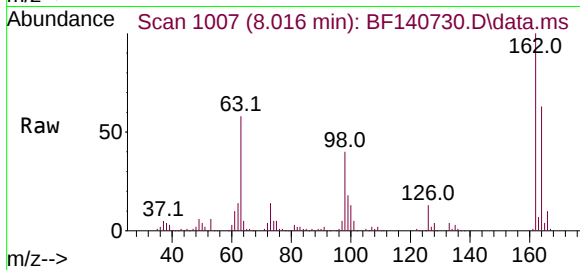
Tgt Ion:162 Resp: 205158

Ion Ratio Lower Upper

162 100

164 62.6 44.8 84.8

98 39.8 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 44.406 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

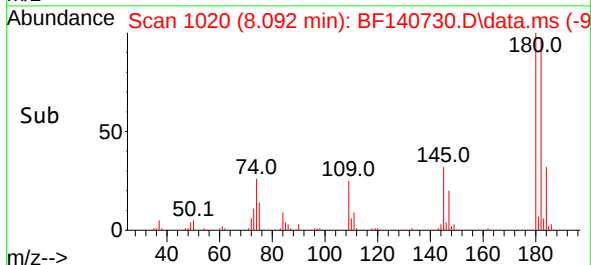
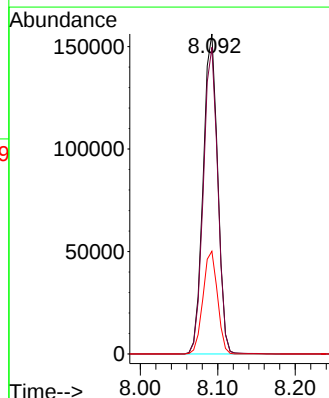
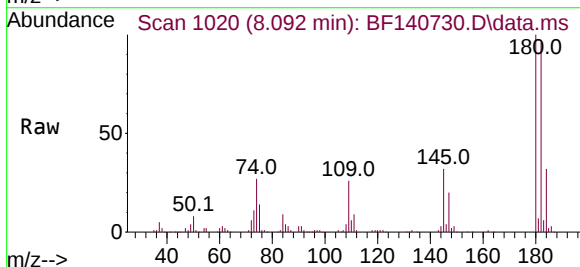
Tgt Ion:180 Resp: 203382

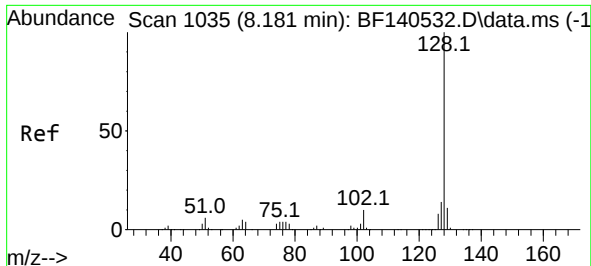
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 32.1 25.9 38.9

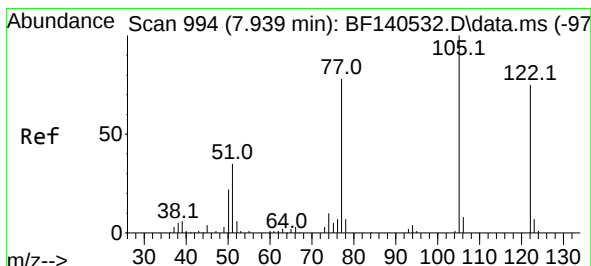
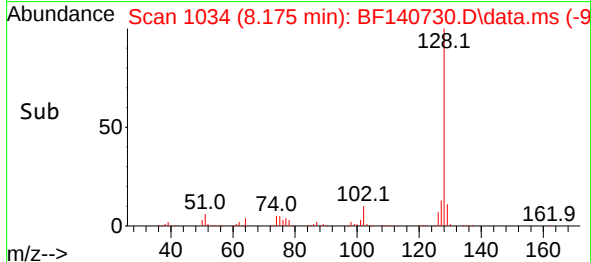
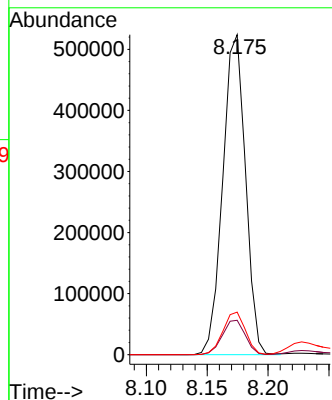
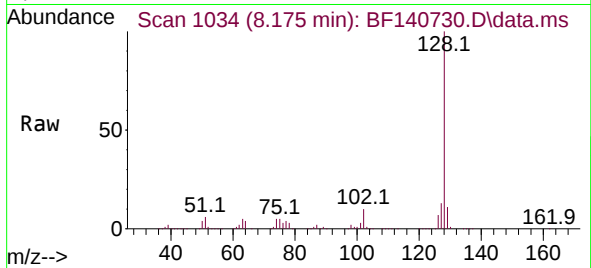




#31
Naphthalene
Concen: 46.784 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

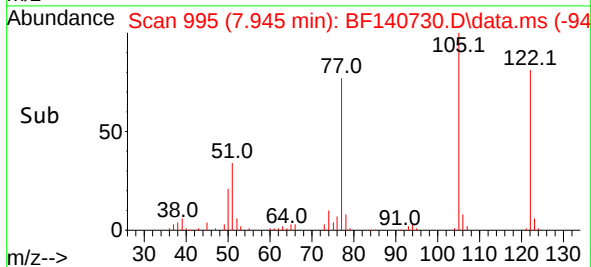
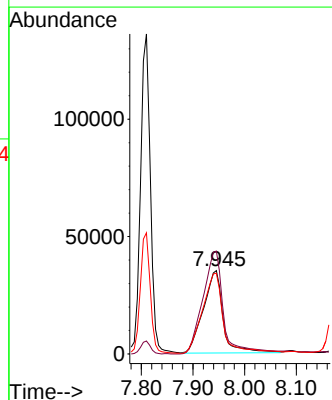
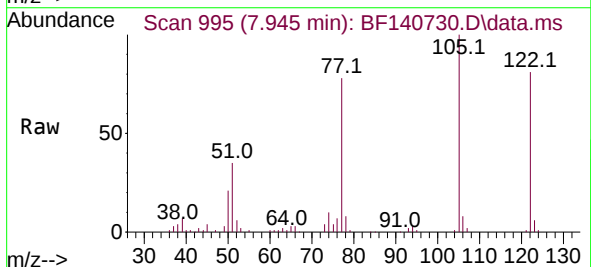
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

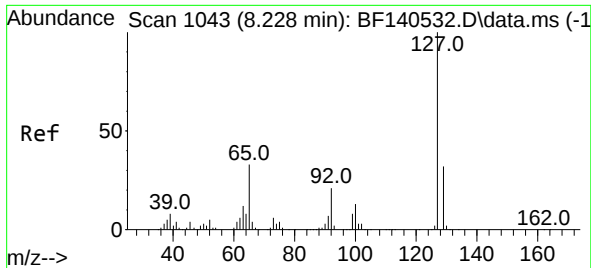
Tgt Ion:128 Resp: 680919
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 37.313 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:122 Resp: 93335
Ion Ratio Lower Upper
122 100
105 123.3 109.3 149.3
77 96.8 82.3 122.3

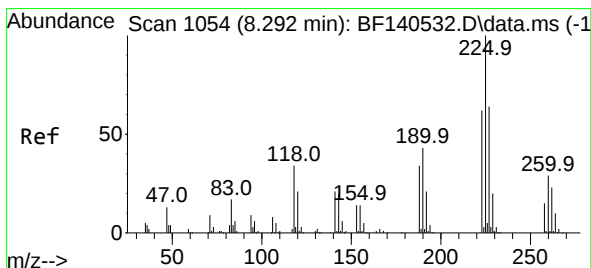
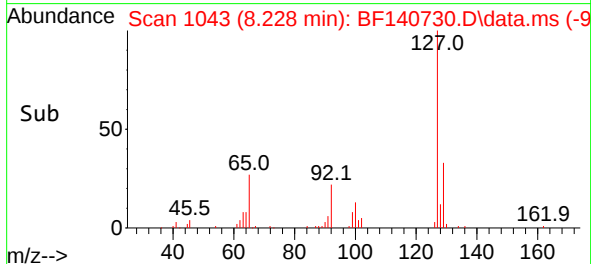
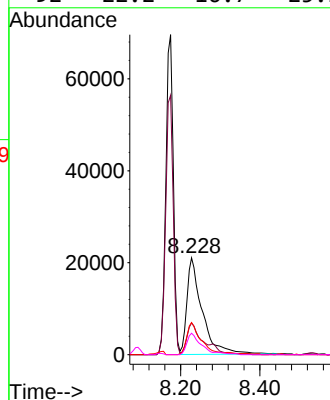
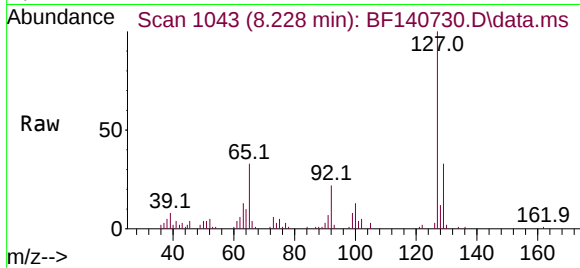




#33
4-Chloroaniline
Concen: 12.862 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

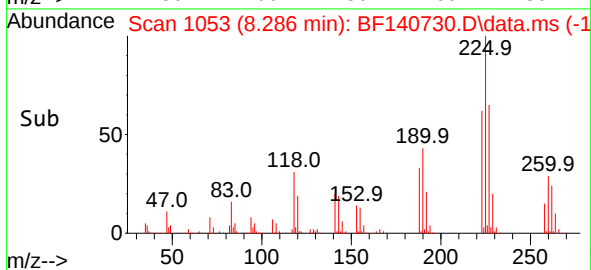
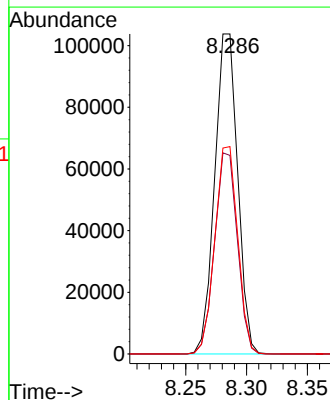
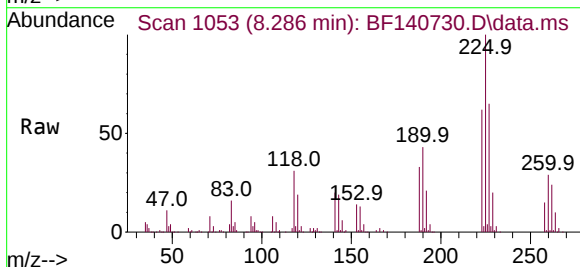
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

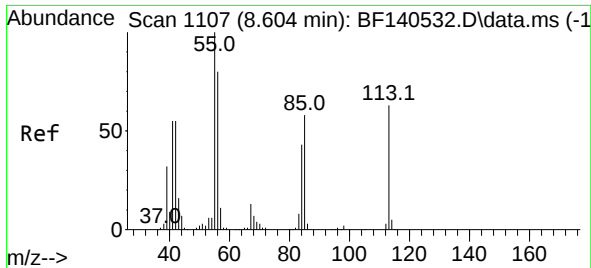
Tgt Ion:	127	Resp:	56048
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0
65	33.2	26.0	39.0
92	22.2	16.7	25.1



#34
Hexachlorobutadiene
Concen: 44.928 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:	225	Resp:	136294
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.8	74.8
227	64.8	51.3	76.9

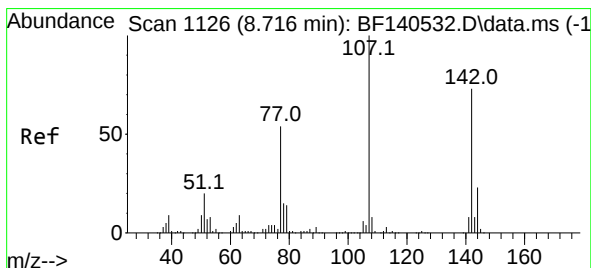
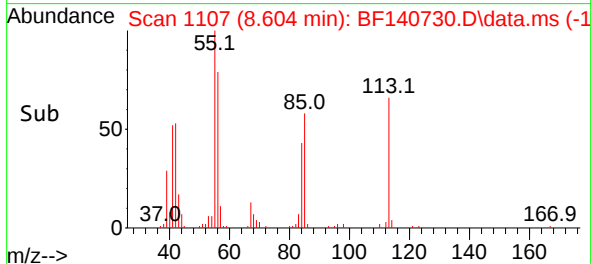
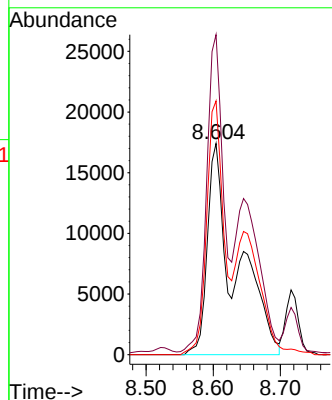
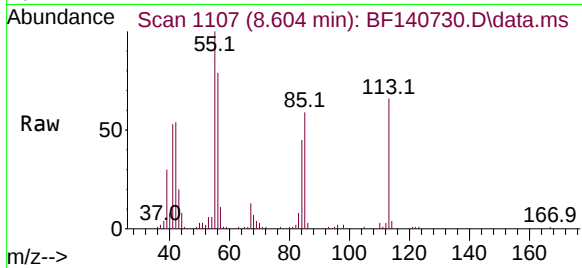




#35
 Caprolactam
 Concen: 40.846 ng m
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF140730.D
 Acq: 04 Dec 2024 16:54

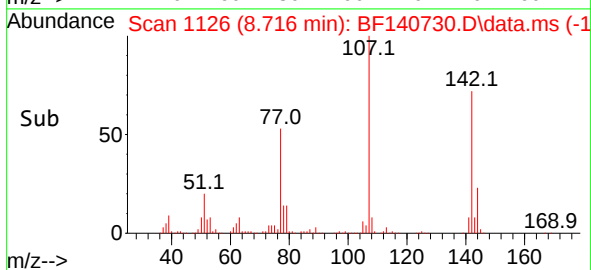
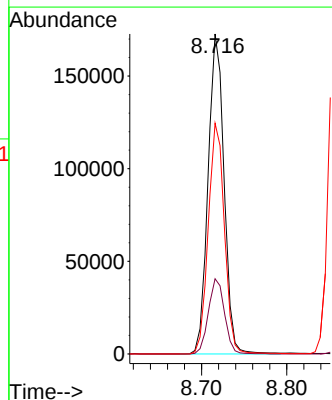
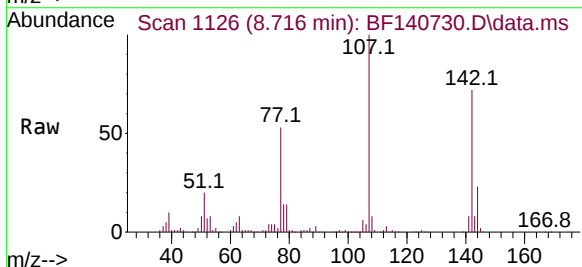
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-50MSD

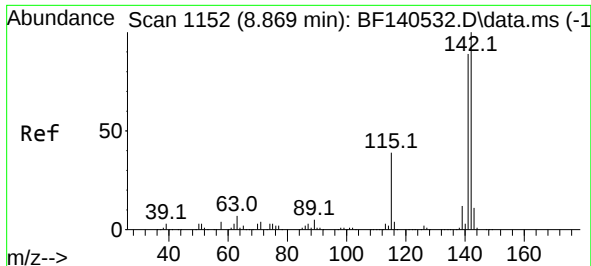
Tgt Ion:113 Resp: 50706
 Ion Ratio Lower Upper
 113 100
 55 151.5 137.7 177.7
 56 120.1 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 50.147 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140730.D
 Acq: 04 Dec 2024 16:54

Tgt Ion:107 Resp: 225220
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.7 28.1
 142 72.1 58.3 87.5





#37

2-Methylnaphthalene

Concen: 48.802 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

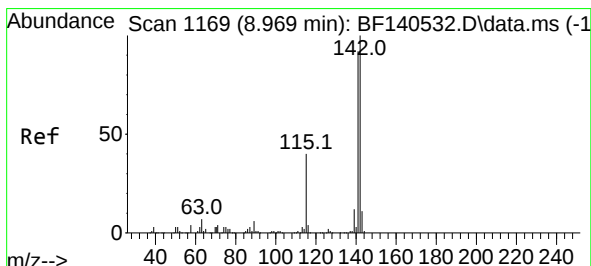
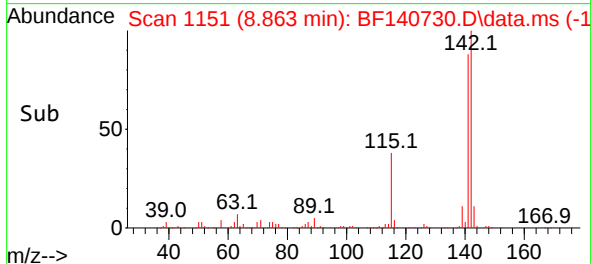
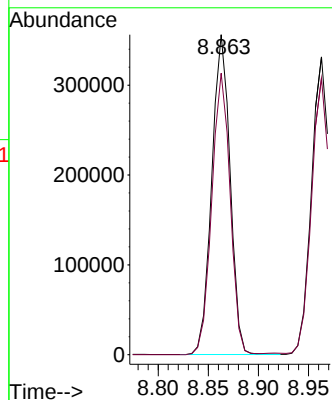
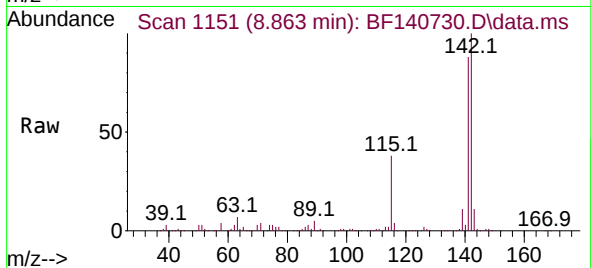
OR-640-COMP-50MSD

Tgt Ion:142 Resp: 451139

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 46.147 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140730.D

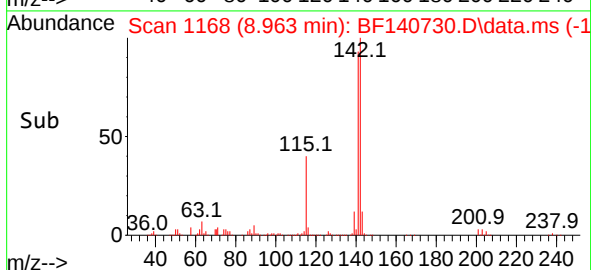
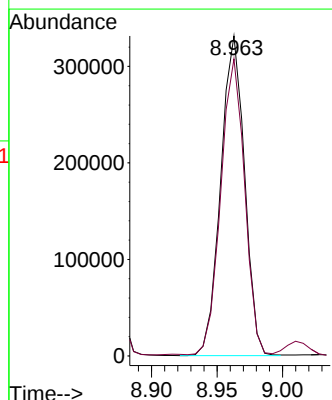
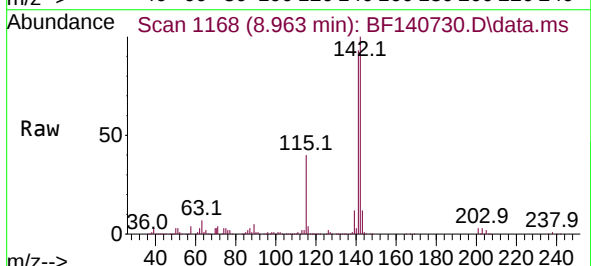
Acq: 04 Dec 2024 16:54

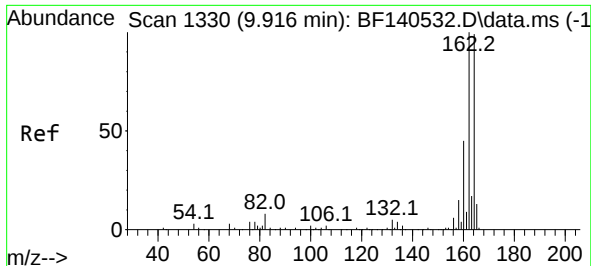
Tgt Ion:142 Resp: 418154

Ion Ratio Lower Upper

142 100

141 92.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

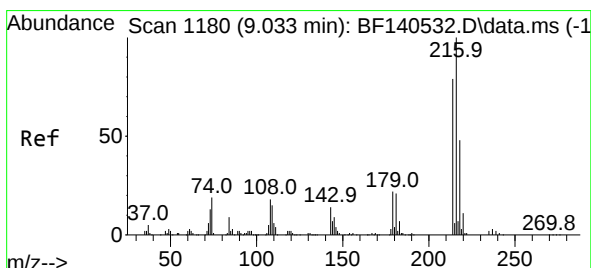
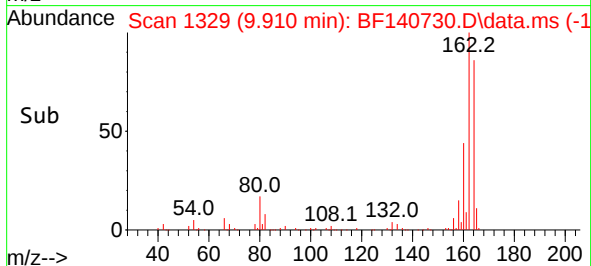
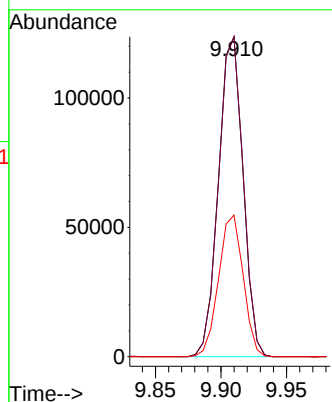
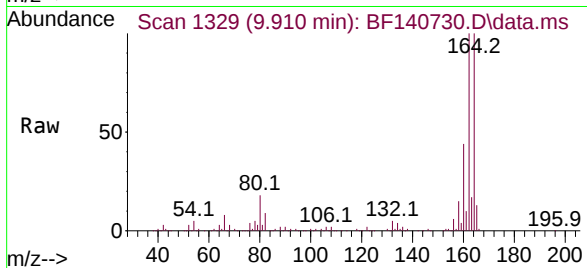
Tgt Ion:164 Resp: 160857

Ion Ratio Lower Upper

164 100

162 100.1 80.6 120.8

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.876 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Tgt Ion:216 Resp: 220742

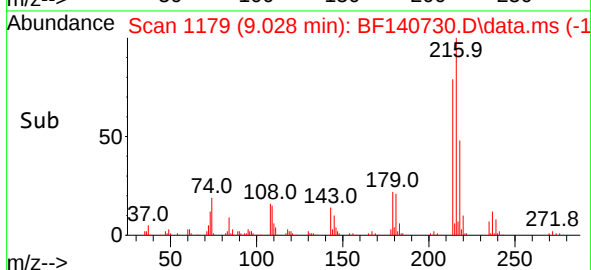
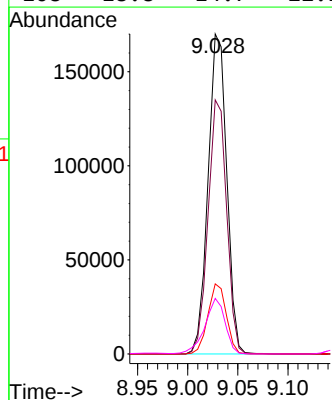
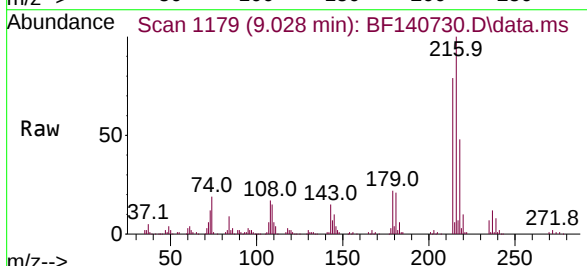
Ion Ratio Lower Upper

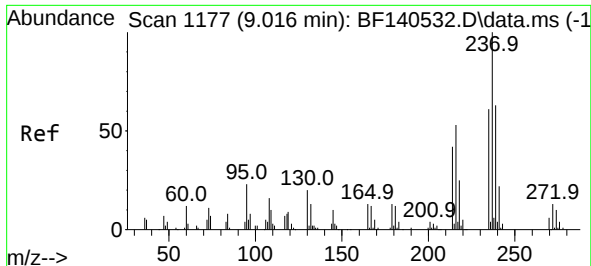
216 100

214 79.0 63.0 94.4

179 21.6 17.5 26.3

108 18.8 14.7 22.1

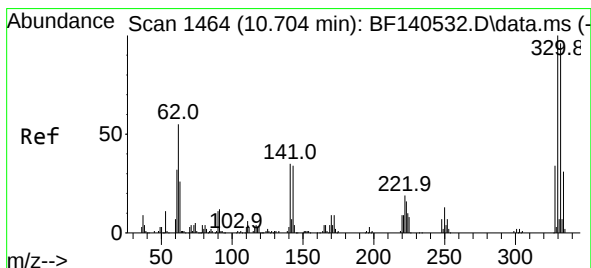
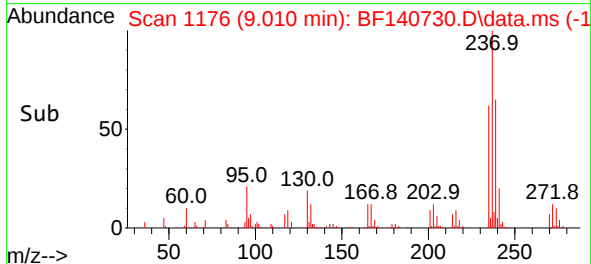
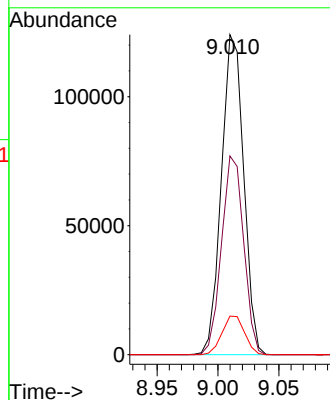
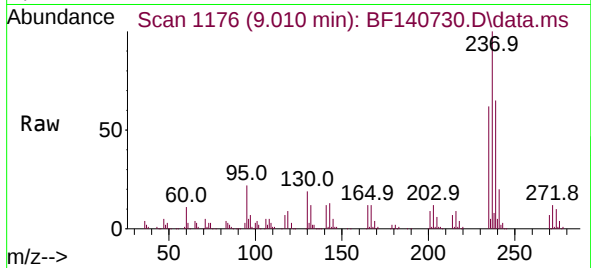




#41
Hexachlorocyclopentadiene
Concen: 142.850 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

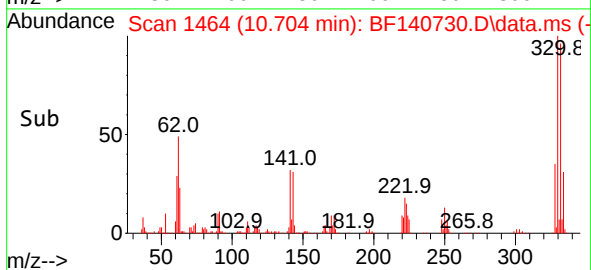
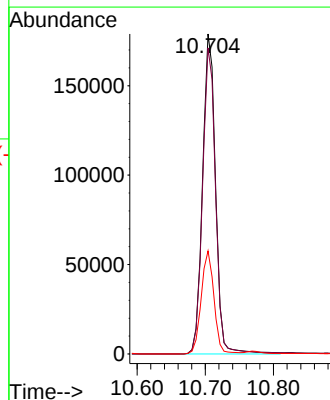
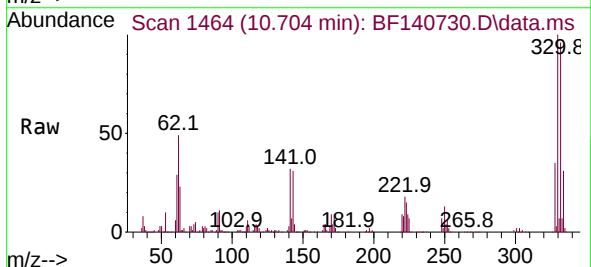
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

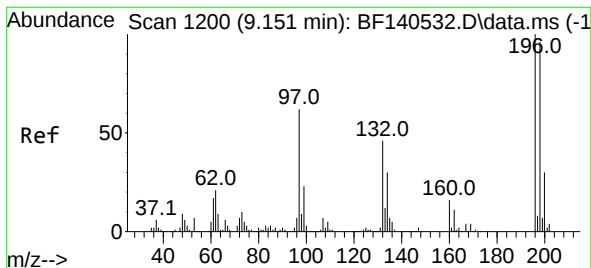
Tgt Ion:237 Resp: 157878
Ion Ratio Lower Upper
237 100
235 62.1 41.1 81.1
272 12.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 138.069 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:330 Resp: 237531
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 31.6 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 48.345 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

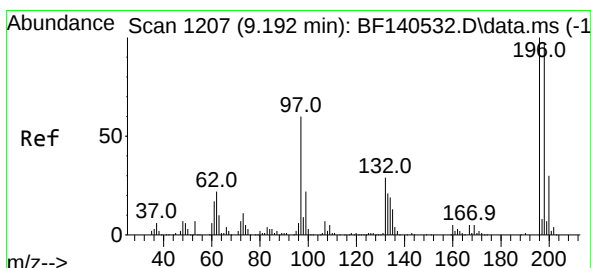
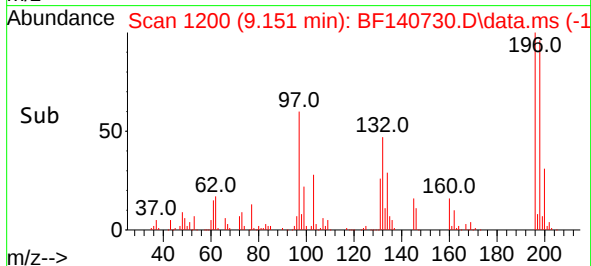
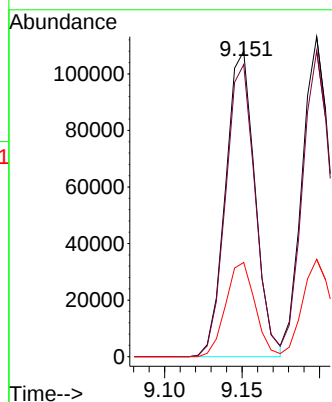
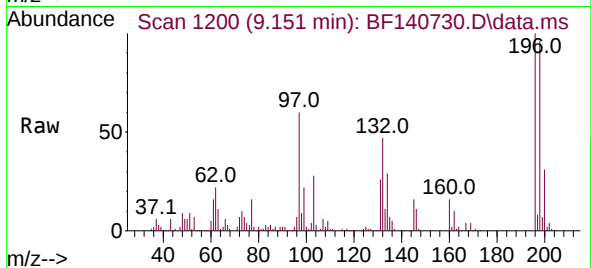
Tgt Ion:196 Resp: 142854

Ion Ratio Lower Upper

196 100

198 95.6 76.8 115.2

200 30.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 47.138 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Tgt Ion:196 Resp: 151167

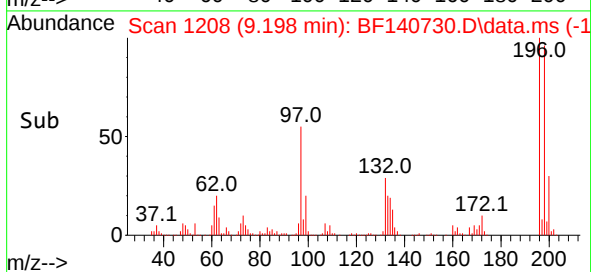
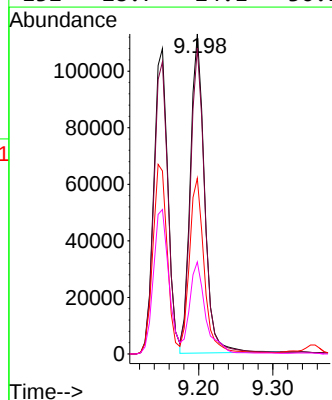
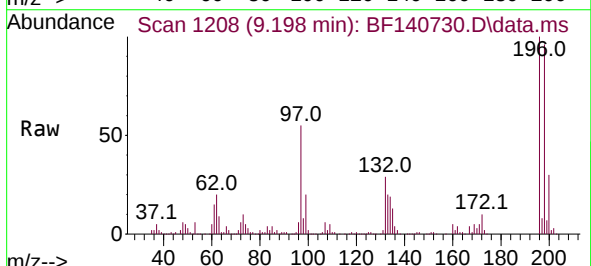
Ion Ratio Lower Upper

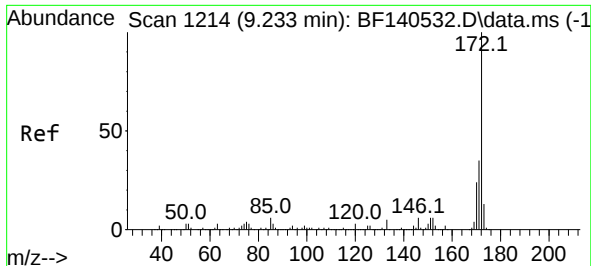
196 100

198 95.6 77.2 115.8

97 54.9 47.1 70.7

132 28.7 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 89.322 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

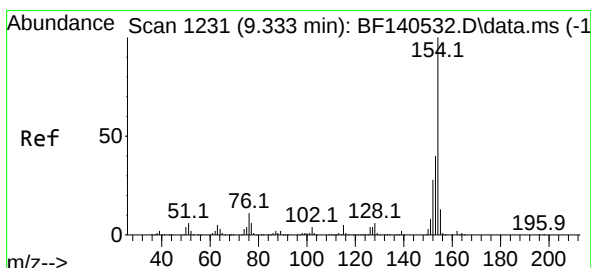
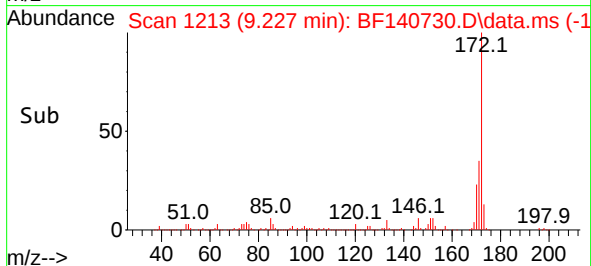
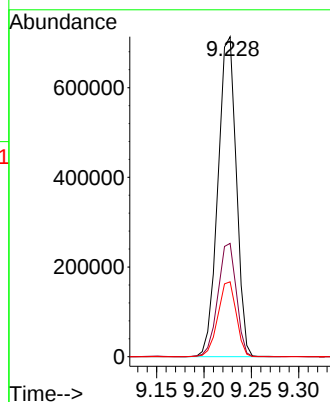
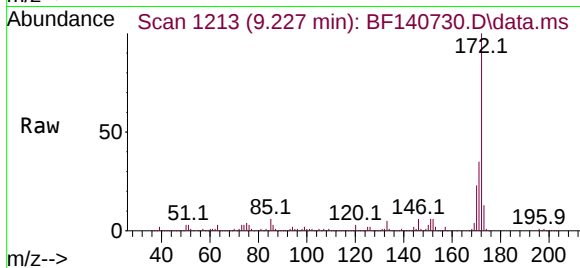
Tgt Ion:172 Resp: 964341

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.801 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

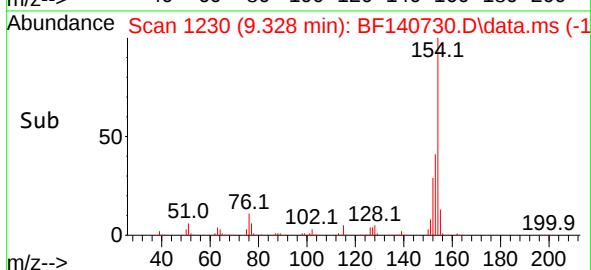
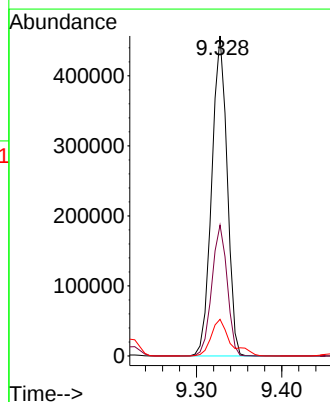
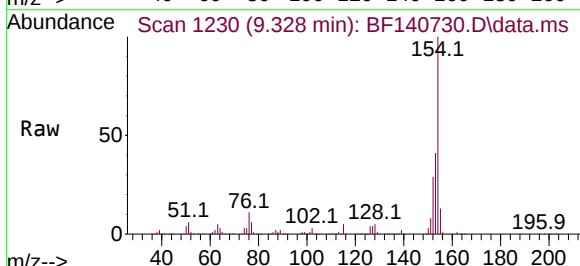
Tgt Ion:154 Resp: 574072

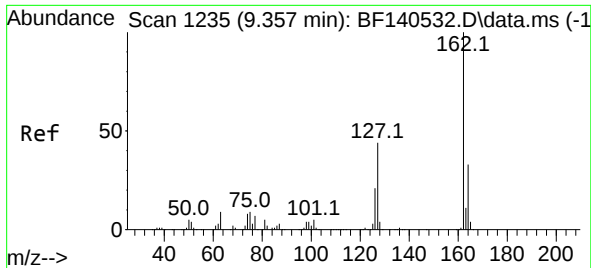
Ion Ratio Lower Upper

154 100

153 40.9 20.4 60.4

76 11.4 0.0 31.2

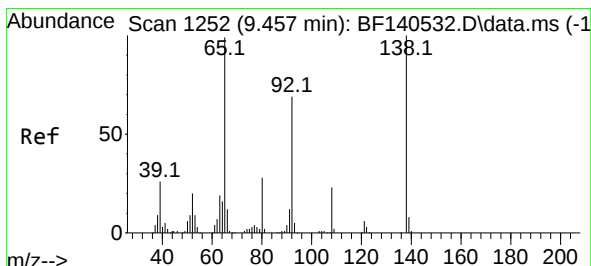
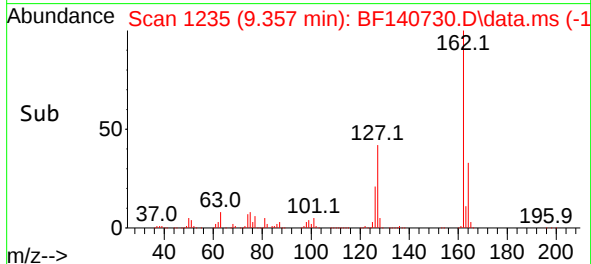
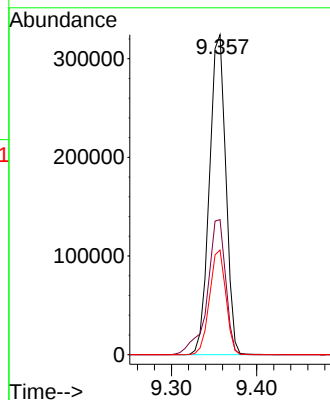
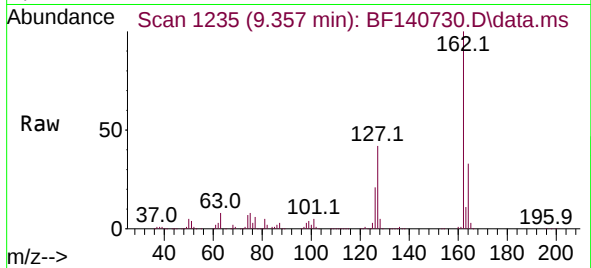




#47
2-Chloronaphthalene
Concen: 47.645 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

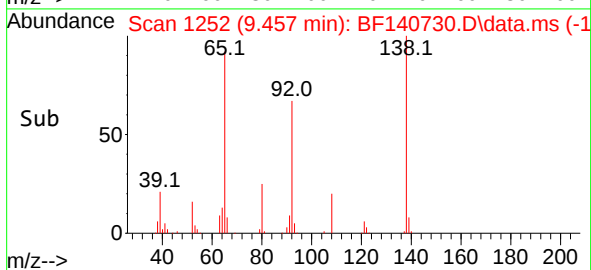
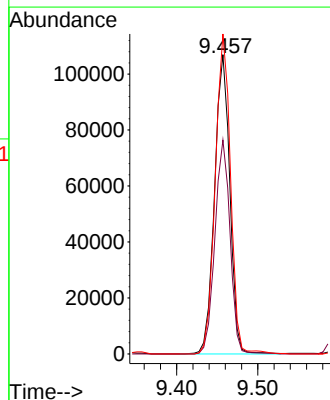
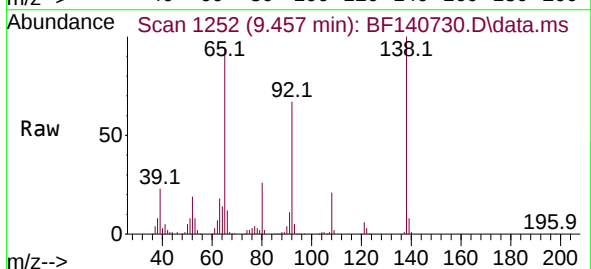
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

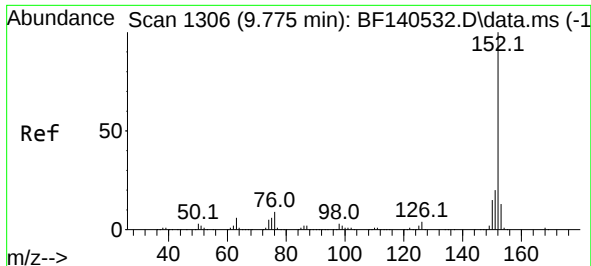
Tgt Ion:162 Resp: 433575
Ion Ratio Lower Upper
162 100
127 42.2 35.7 53.5
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 47.843 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion: 65 Resp: 139745
Ion Ratio Lower Upper
65 100
92 71.5 56.1 84.1
138 106.9 81.0 121.6





#49

Acenaphthylene

Concen: 51.140 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

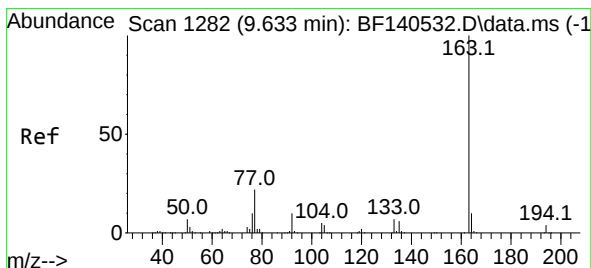
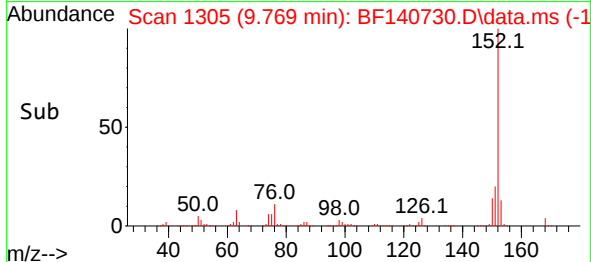
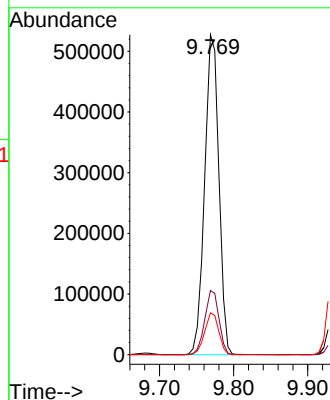
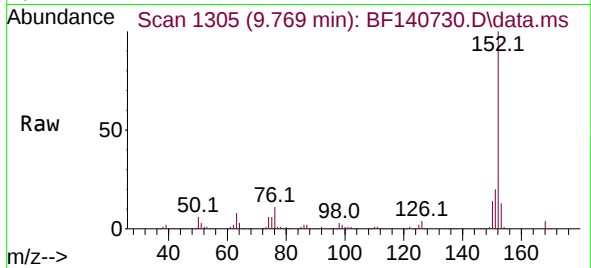
Tgt Ion:152 Resp: 703148

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 50.479 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

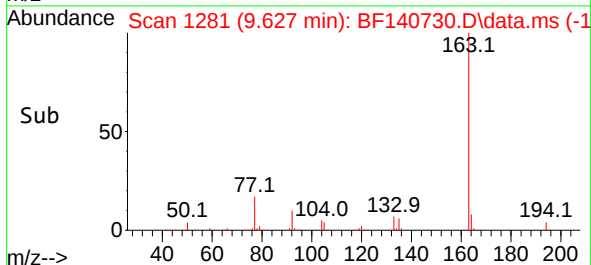
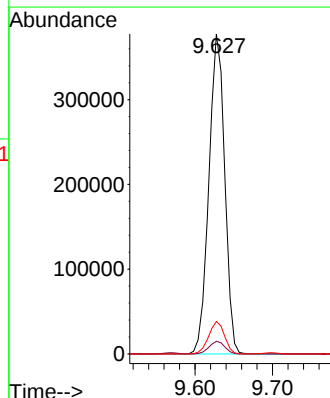
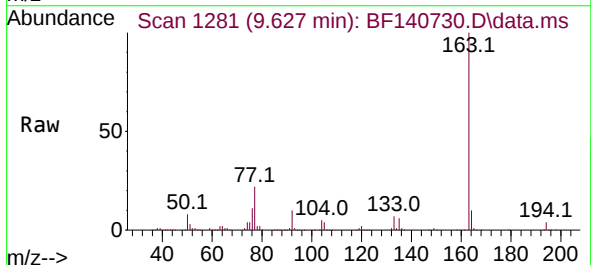
Tgt Ion:163 Resp: 534767

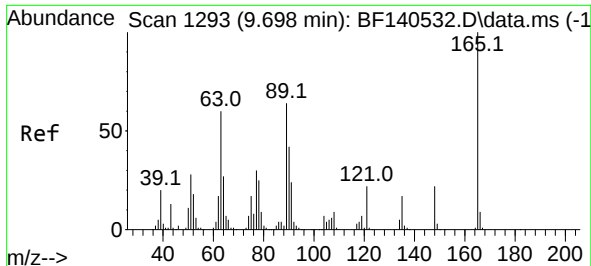
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

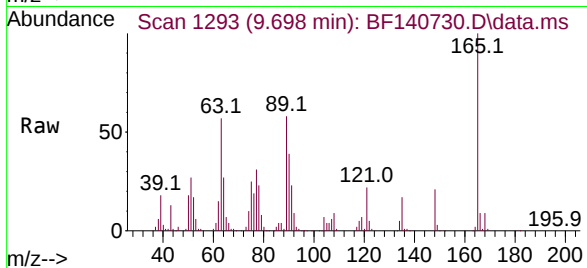
164 10.1 8.2 12.2



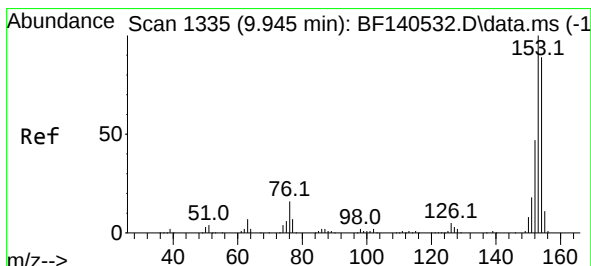
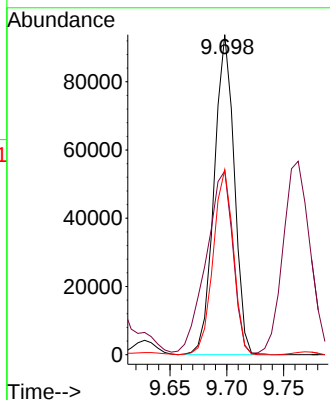
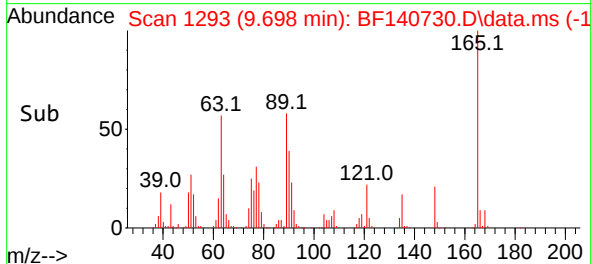


#51
2,6-Dinitrotoluene
Concen: 48.009 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

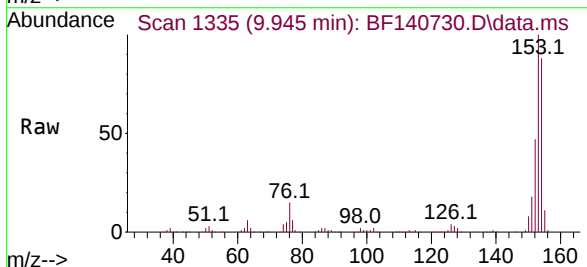
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD



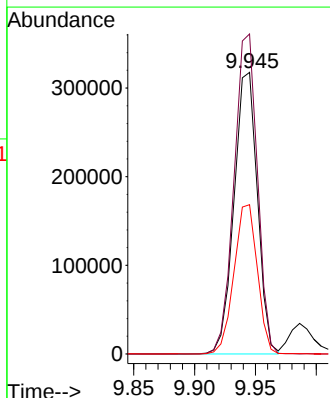
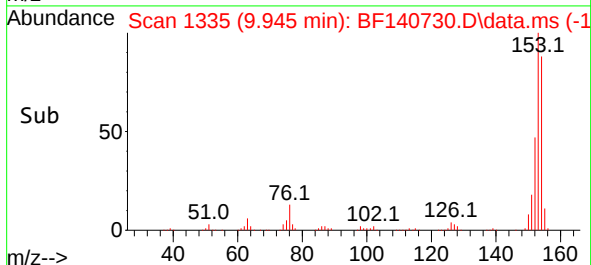
Tgt Ion:165 Resp: 115349
Ion Ratio Lower Upper
165 100
63 57.4 49.9 74.9
89 57.8 50.9 76.3

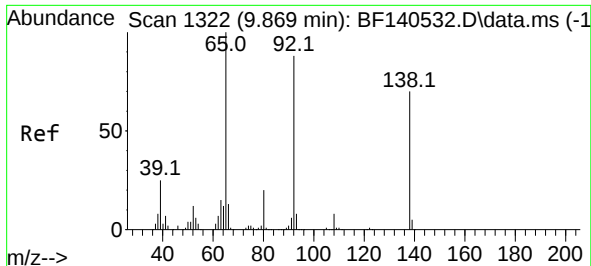


#52
Acenaphthene
Concen: 48.580 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54



Tgt Ion:154 Resp: 424408
Ion Ratio Lower Upper
154 100
153 113.7 89.7 134.5
152 53.0 42.5 63.7

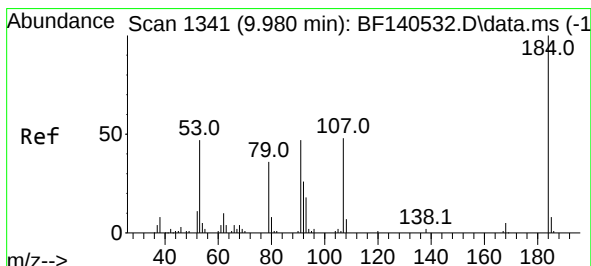
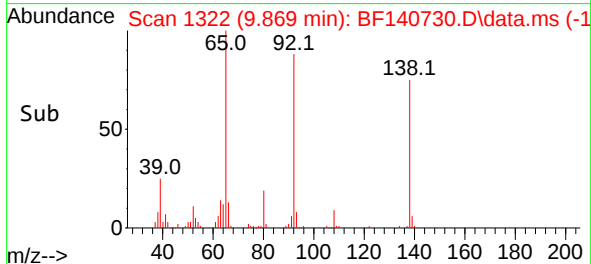
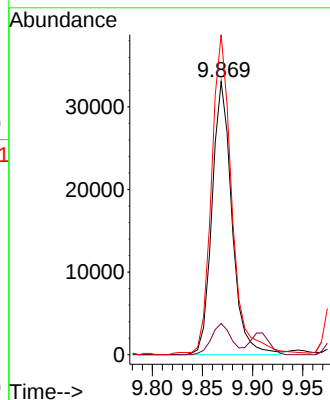
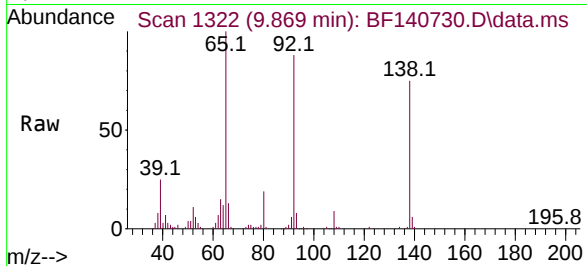




#53
3-Nitroaniline
Concen: 19.404 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

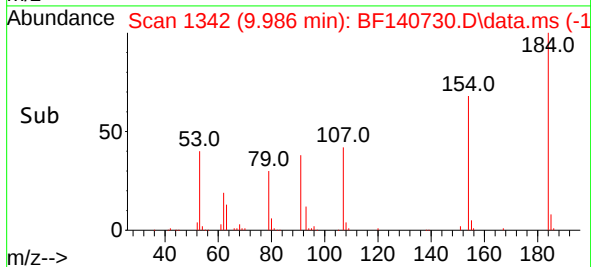
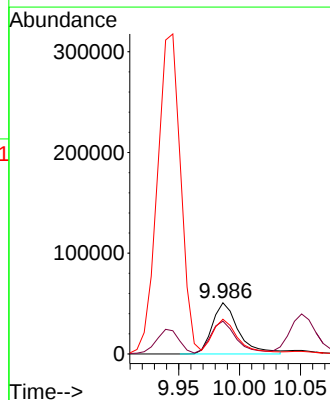
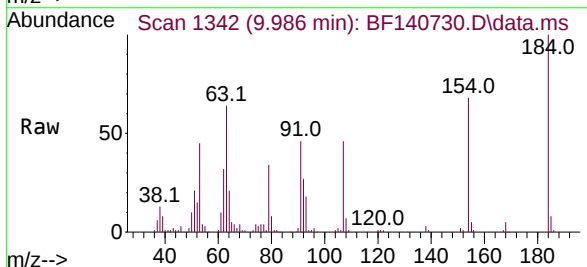
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

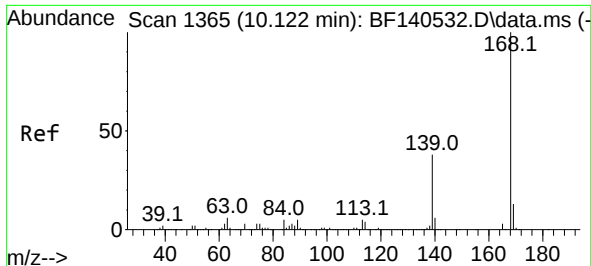
Tgt Ion:138 Resp: 45597
Ion Ratio Lower Upper
138 100
108 11.4 9.2 13.8
92 117.2 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 62.911 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:184 Resp: 75978
Ion Ratio Lower Upper
184 100
63 63.9 54.1 81.1
154 67.7 57.4 86.0

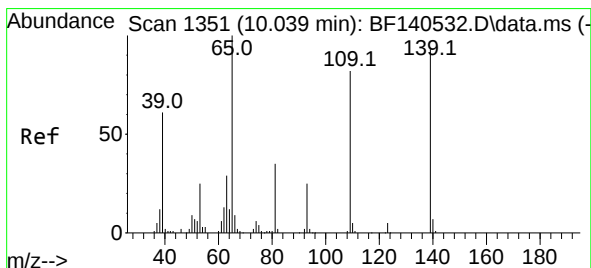
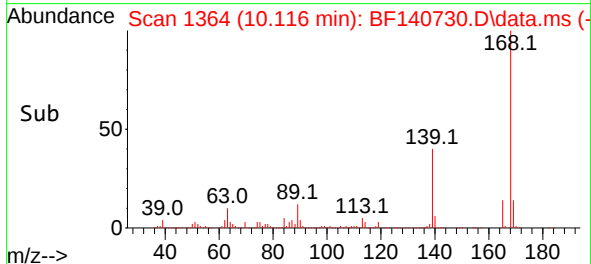
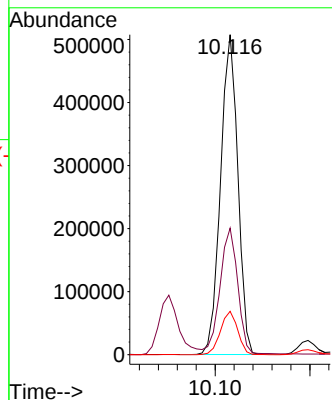
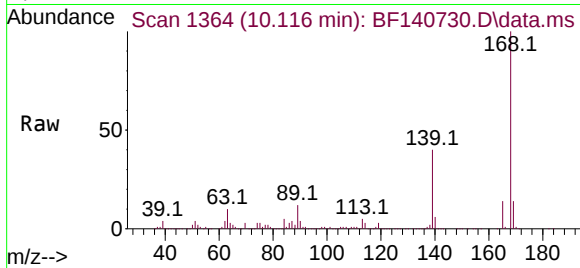




#55
Dibenzenofuran
Concen: 48.359 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

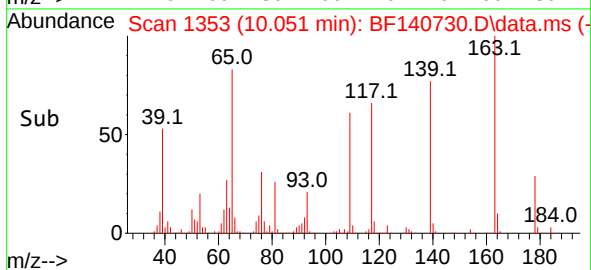
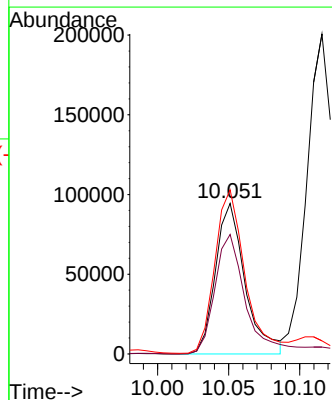
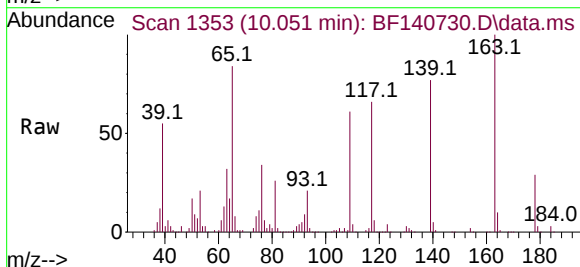
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

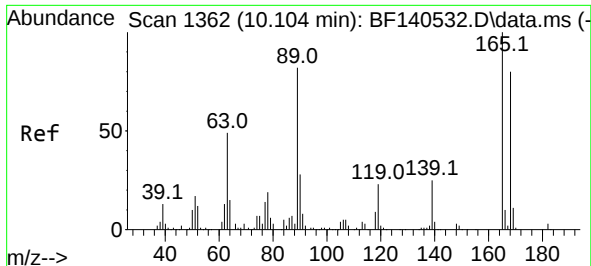
Tgt Ion:168 Resp: 644412
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 85.549 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:139 Resp: 137104
Ion Ratio Lower Upper
139 100
109 79.4 68.4 108.4
65 109.1 88.6 128.6

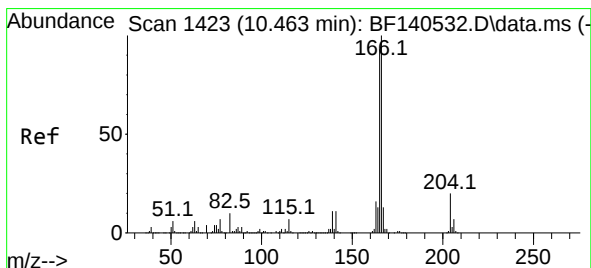
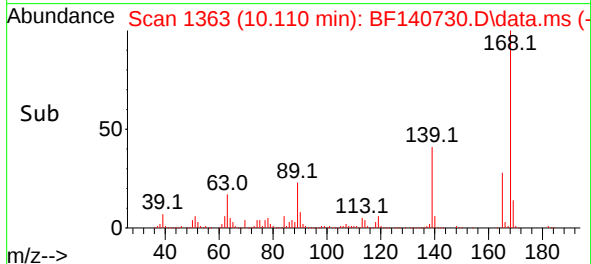
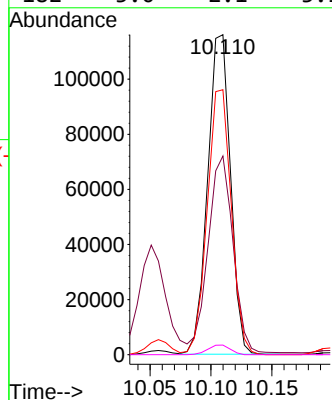
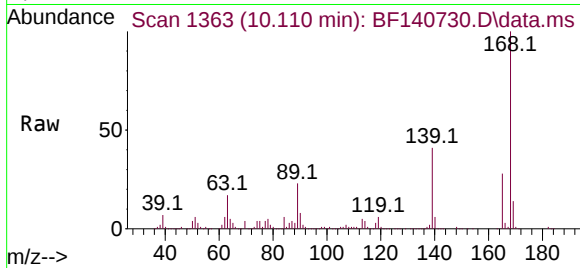




#57
2,4-Dinitrotoluene
Concen: 47.233 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

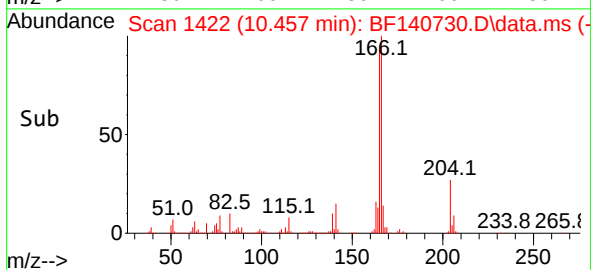
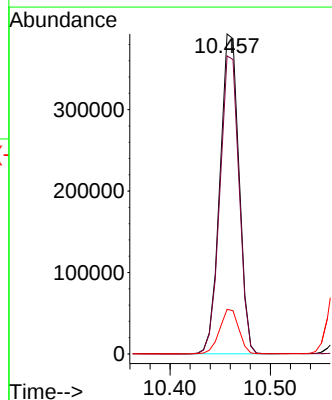
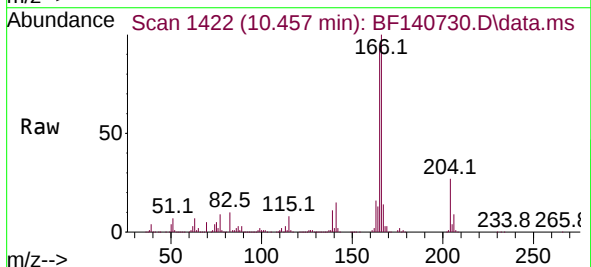
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

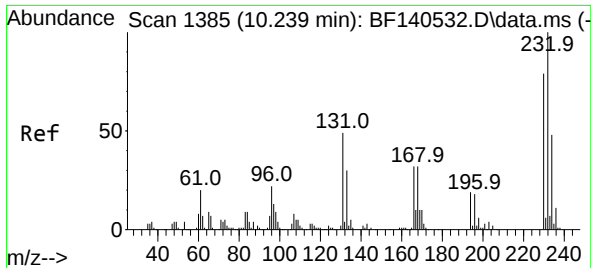
Tgt Ion:165 Resp: 150823
Ion Ratio Lower Upper
165 100
63 62.1 41.7 62.5
89 82.8 65.8 98.8
182 3.0 2.1 3.1



#58
Fluorene
Concen: 48.354 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:166 Resp: 517205
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.9 10.6 16.0

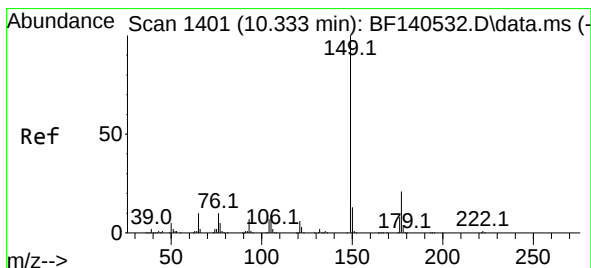
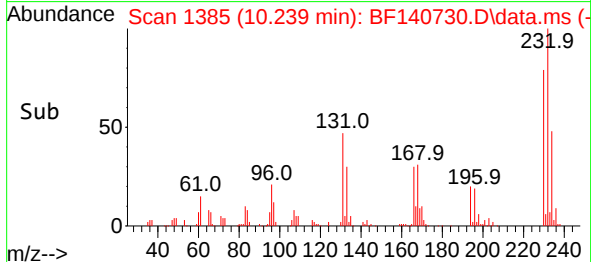
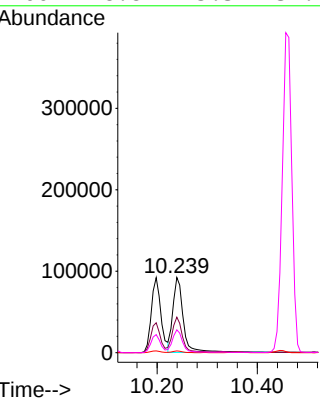
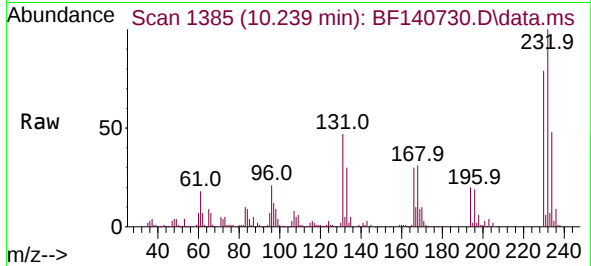




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.756 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

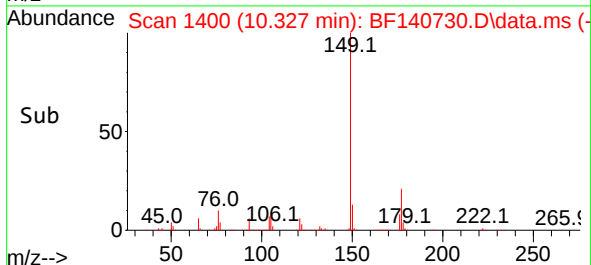
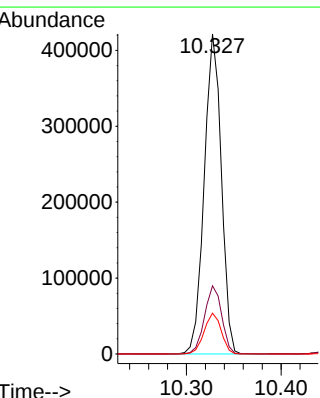
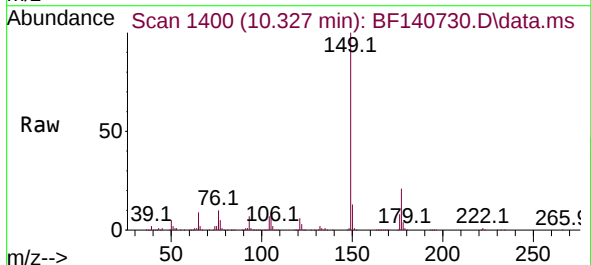
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

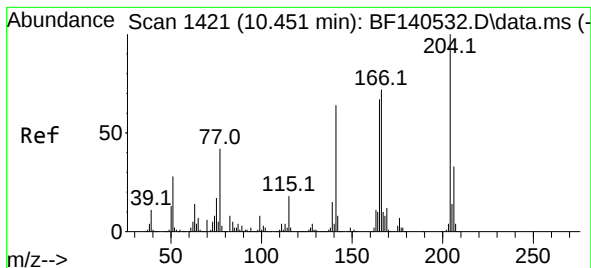
Tgt Ion:232 Resp: 132489
Ion Ratio Lower Upper
232 100
131 44.6 39.6 59.4
130 2.4 1.9 2.9
166 28.8 25.3 37.9



#60
Diethylphthalate
Concen: 49.123 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:149 Resp: 528747
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.7 10.1 15.1

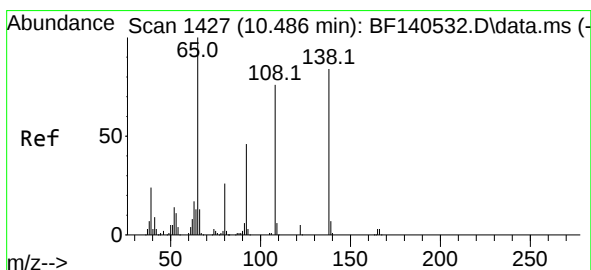
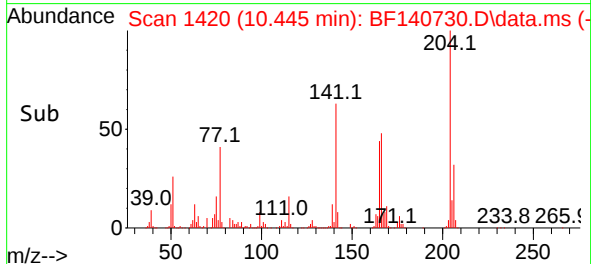
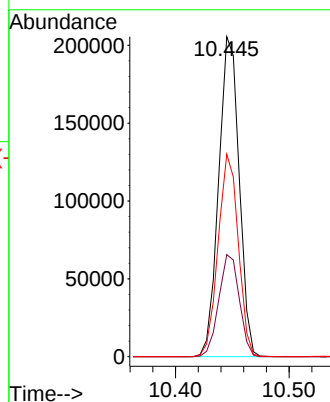
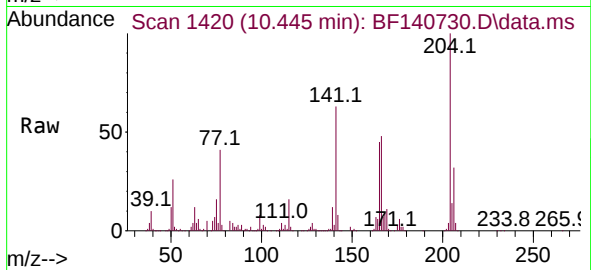




#61
4-Chlorophenyl-phenylether
Concen: 49.106 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

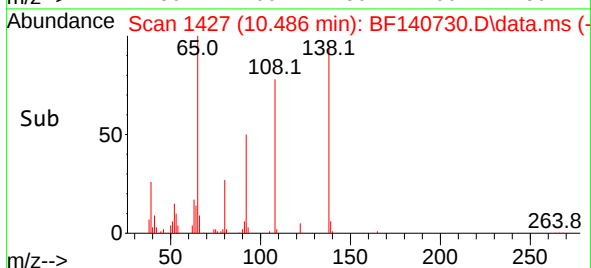
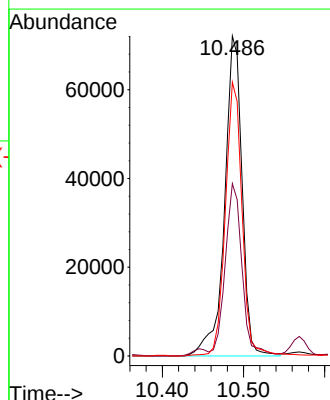
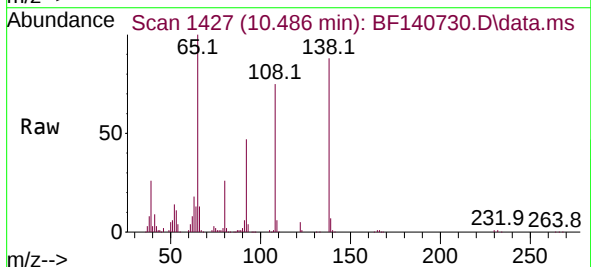
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

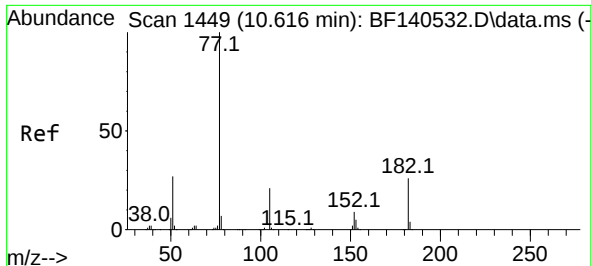
Tgt Ion:204 Resp: 257768
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 63.3 51.1 76.7



#62
4-Nitroaniline
Concen: 43.837 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:138 Resp: 108041
Ion Ratio Lower Upper
138 100
92 53.8 34.5 74.5
108 85.5 70.6 110.6

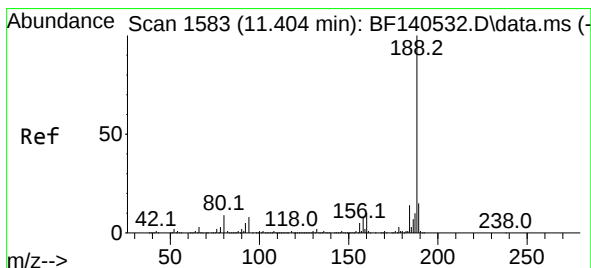
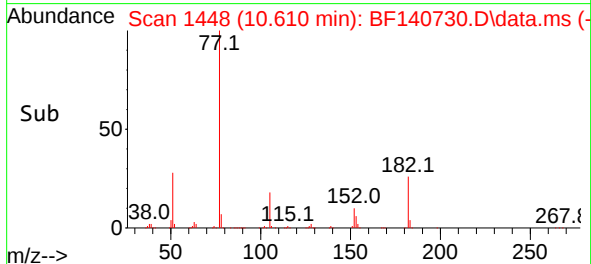
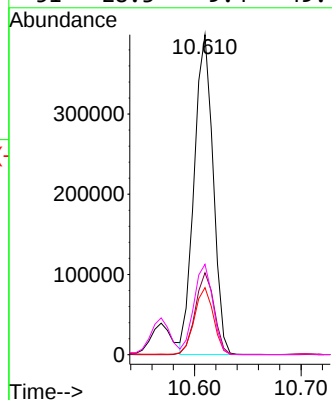
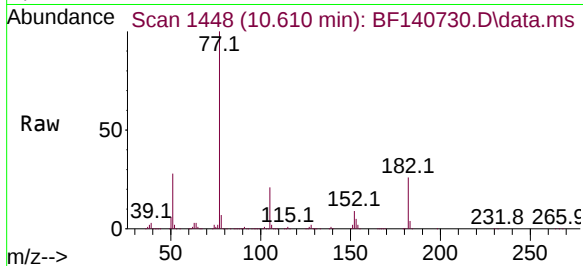




#63
Azobenzene
Concen: 48.360 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

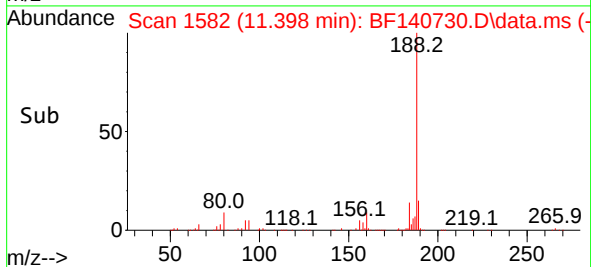
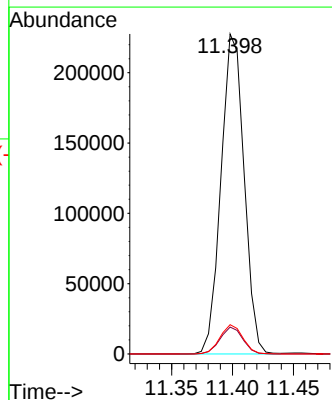
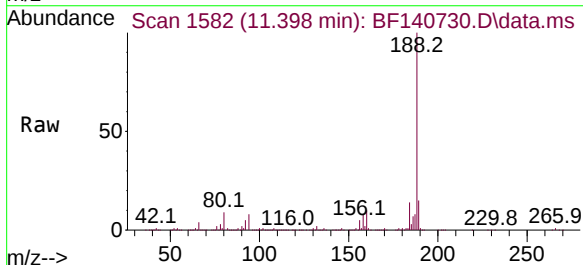
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

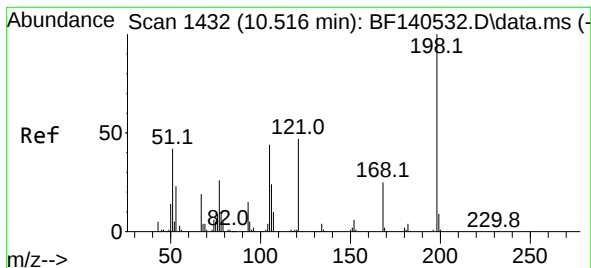
Tgt Ion: 77	Resp: 492941
Ion Ratio	Lower Upper
77 100	
182 25.6	5.3 45.3
105 20.9	0.3 40.3
51 28.3	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:188	Resp: 300238
Ion Ratio	Lower Upper
188 100	
94 8.4	6.4 9.6
80 9.2	6.9 10.3

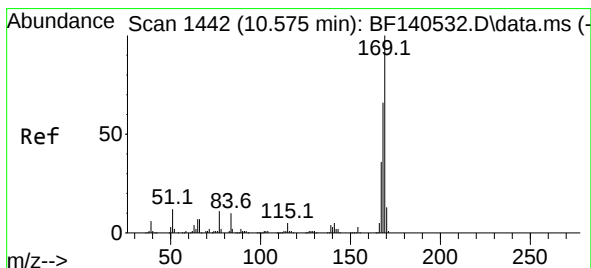
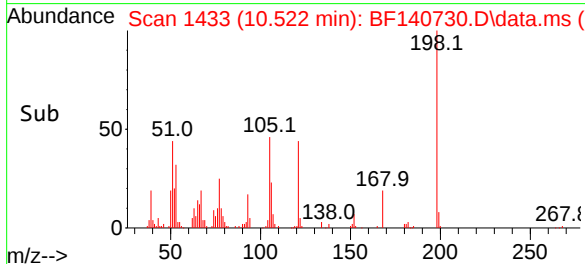
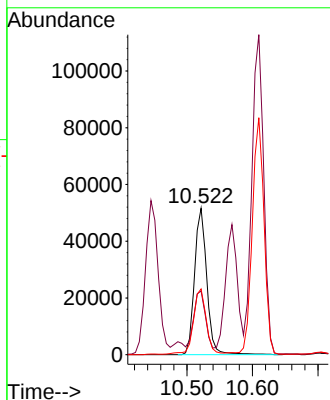
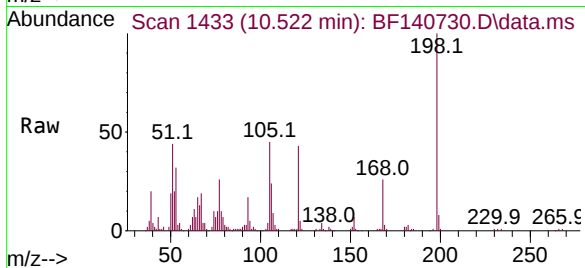




#65
4,6-Dinitro-2-methylphenol
Concen: 43.812 ng
RT: 10.522 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

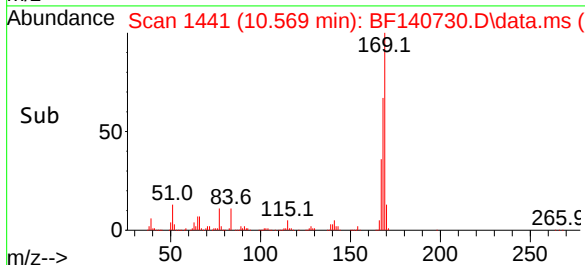
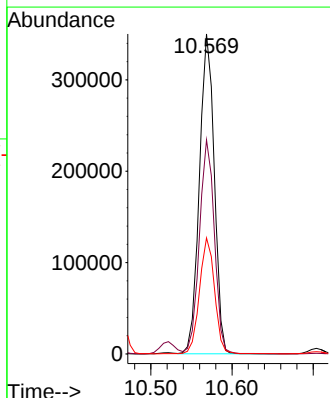
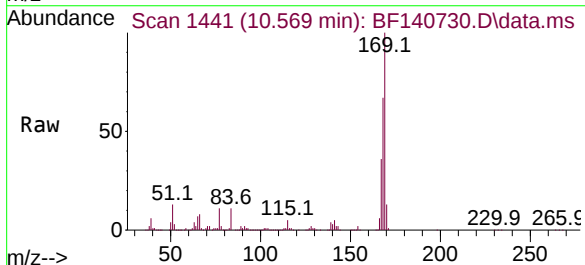
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

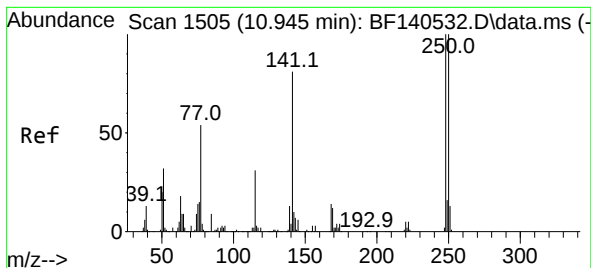
Tgt Ion:198 Resp: 67218
Ion Ratio Lower Upper
198 100
51 43.6 29.4 69.4
105 44.9 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 50.108 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:169 Resp: 444902
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.2 29.0 43.6

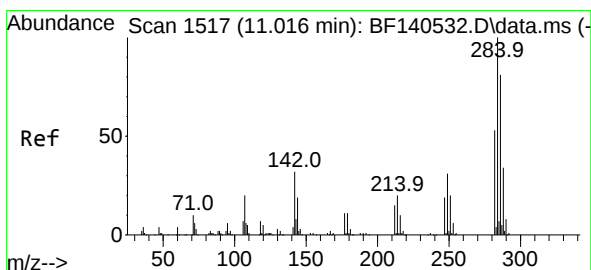
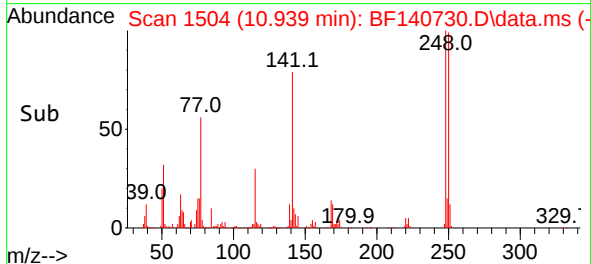
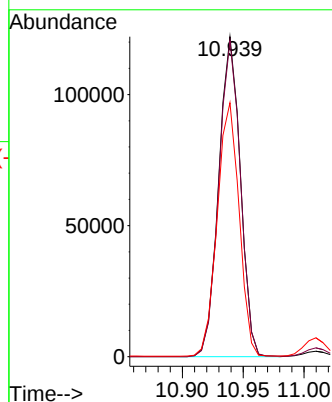
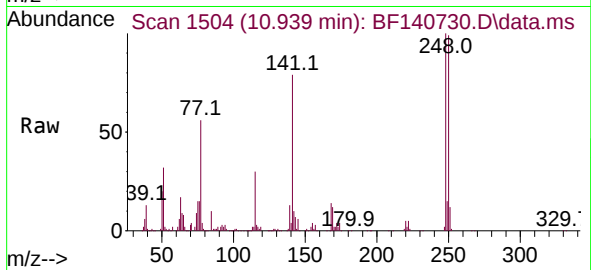




#67
4-Bromophenyl-phenylether
Concen: 48.824 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

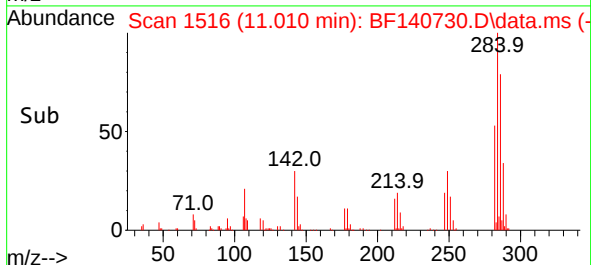
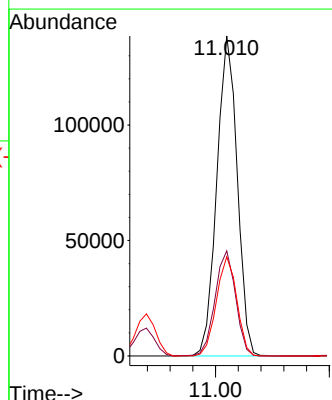
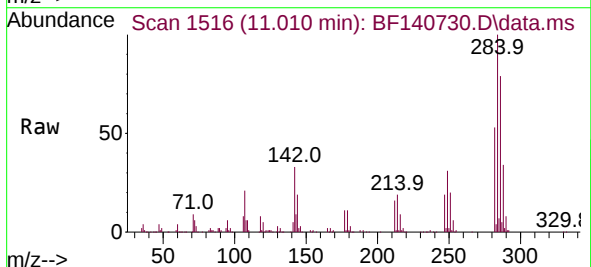
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

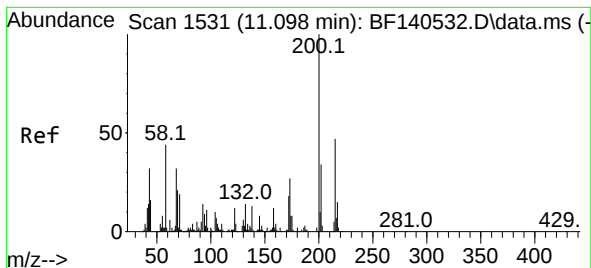
Tgt Ion:248 Resp: 150964
Ion Ratio Lower Upper
248 100
250 98.7 79.8 119.8
141 79.4 64.7 97.1



#68
Hexachlorobenzene
Concen: 48.272 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:284 Resp: 172823
Ion Ratio Lower Upper
284 100
142 32.9 25.3 37.9
249 31.0 24.8 37.2





#69

Atrazine

Concen: 57.382 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

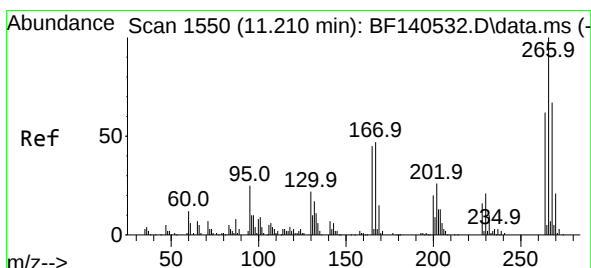
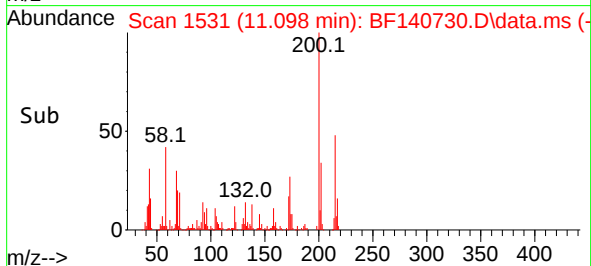
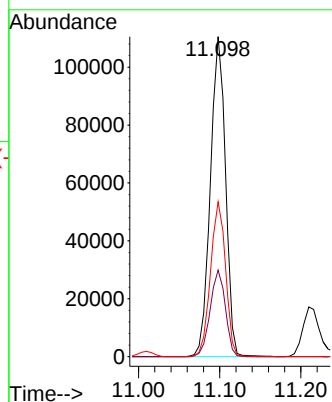
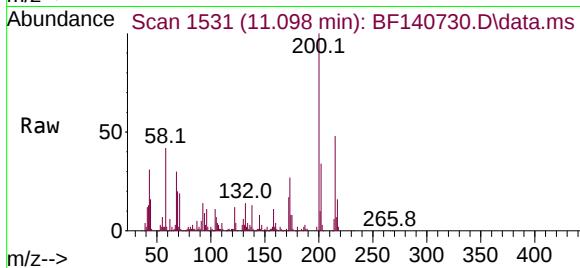
Tgt Ion:200 Resp: 143327

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

215 48.4 26.7 66.7



#70

Pentachlorophenol

Concen: 94.086 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

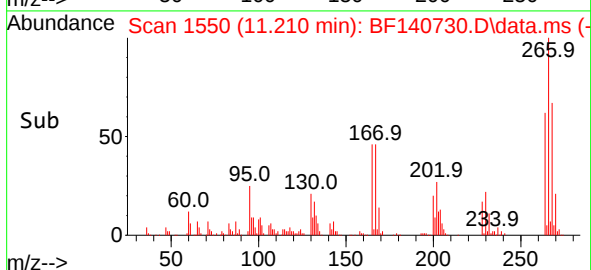
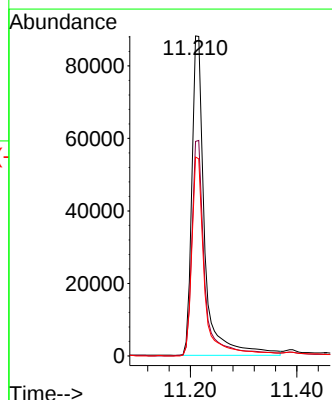
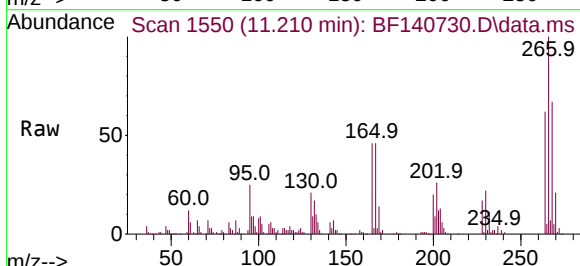
Tgt Ion:266 Resp: 148256

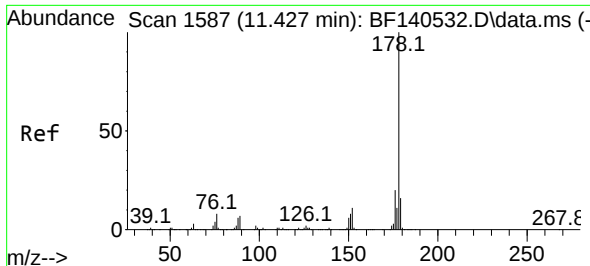
Ion Ratio Lower Upper

266 100

268 67.1 53.7 80.5

264 62.1 49.8 74.8

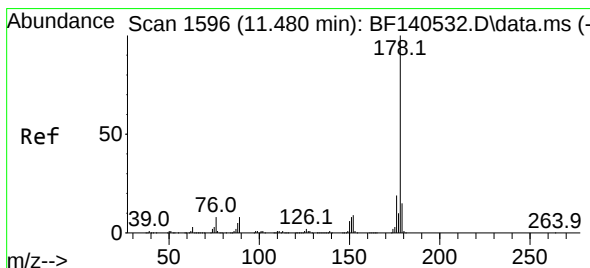
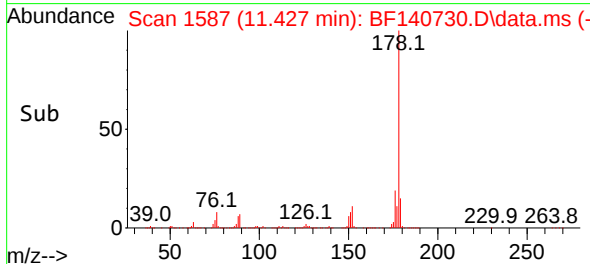
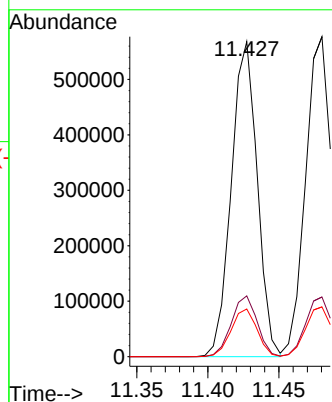
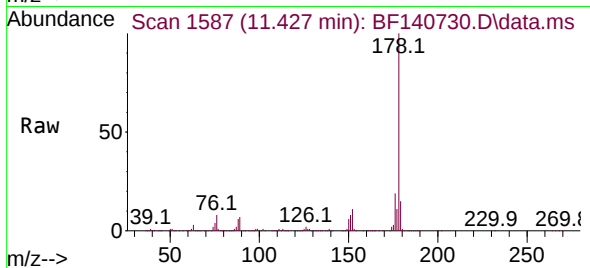




#71
Phenanthrene
Concen: 50.057 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

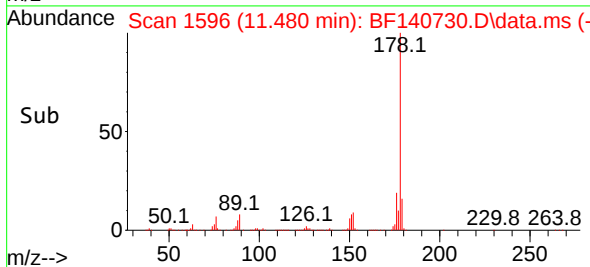
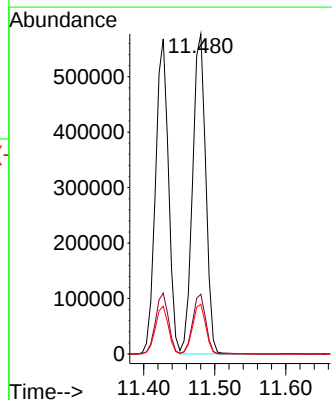
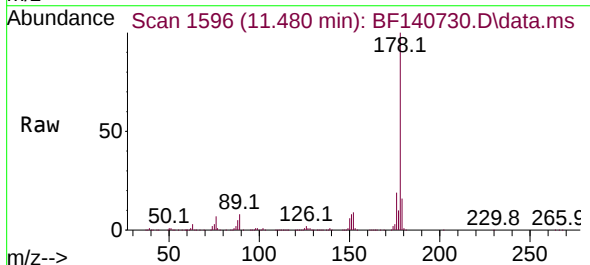
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

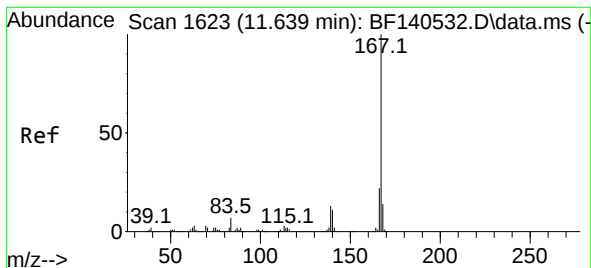
Tgt Ion:178 Resp: 722435
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.1 12.4 18.6



#72
Anthracene
Concen: 52.562 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:178 Resp: 742033
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.2 18.4





#73

Carbazole

Concen: 48.839 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

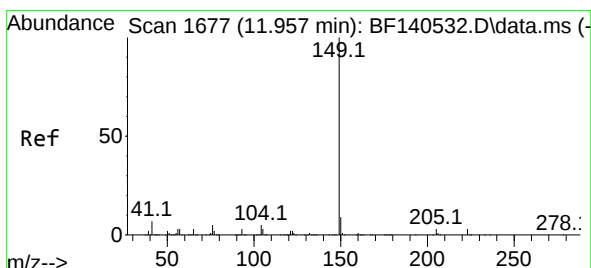
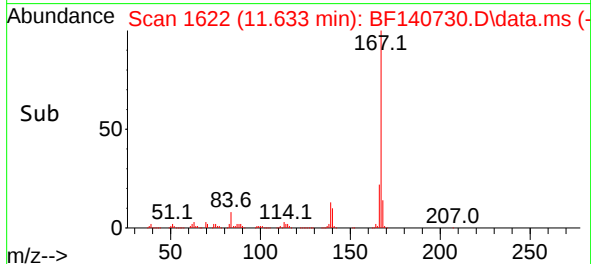
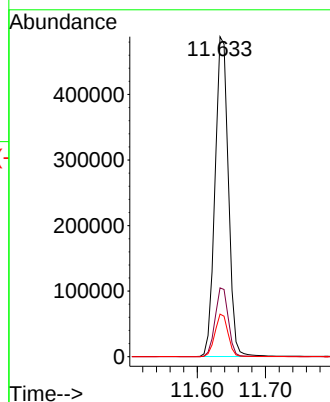
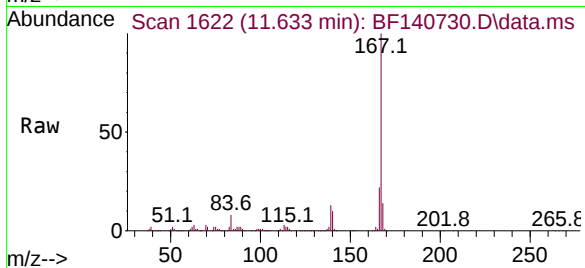
Tgt Ion:167 Resp: 663278

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.862 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

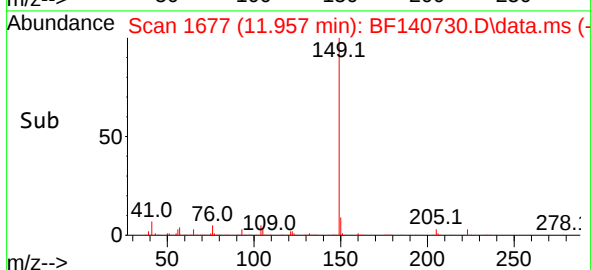
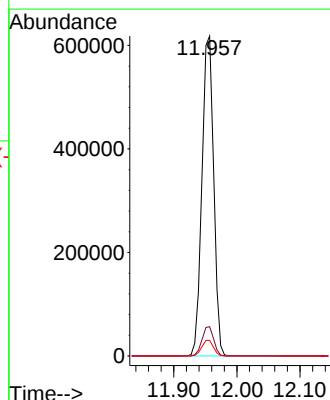
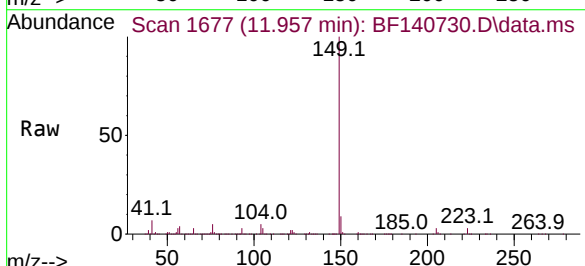
Tgt Ion:149 Resp: 797481

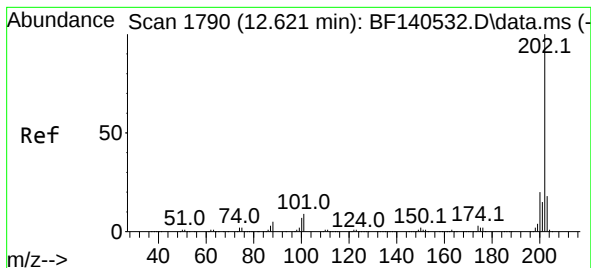
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 48.944 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

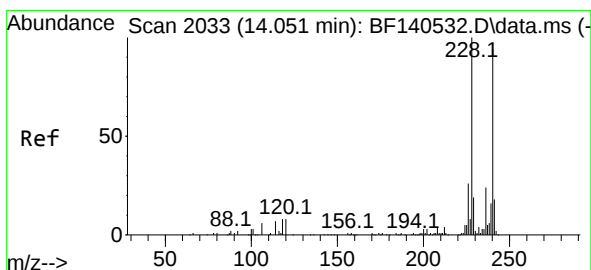
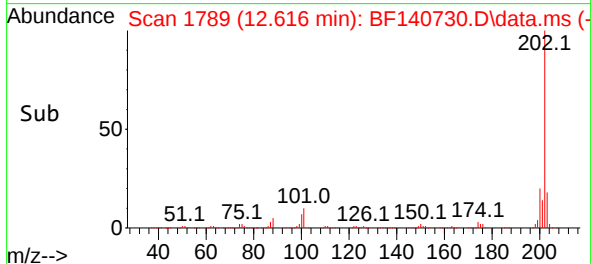
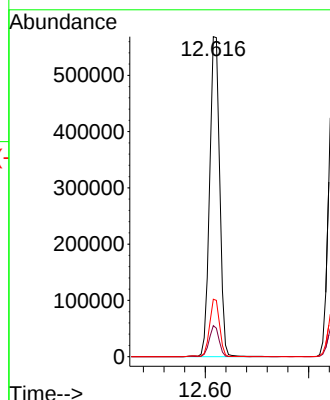
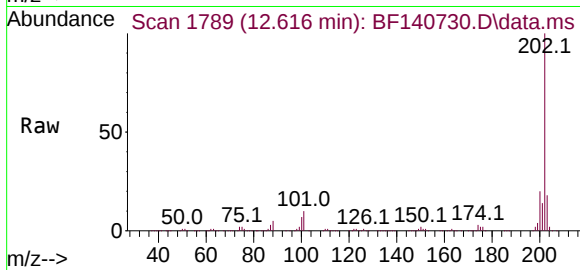
Tgt Ion:202 Resp: 766931

Ion Ratio Lower Upper

202 100

101 9.7 0.0 28.9

203 17.9 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

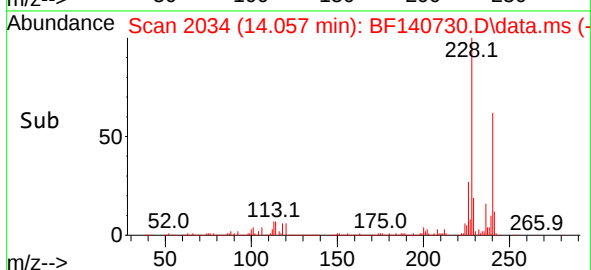
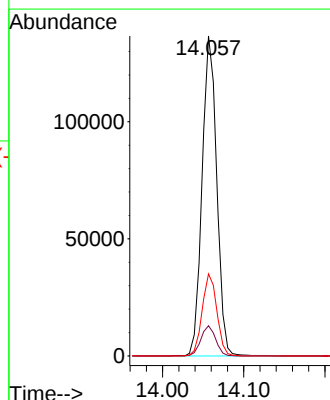
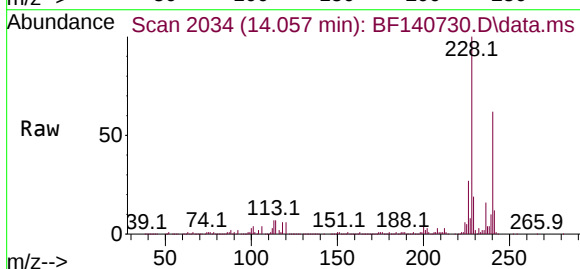
Tgt Ion:240 Resp: 171011

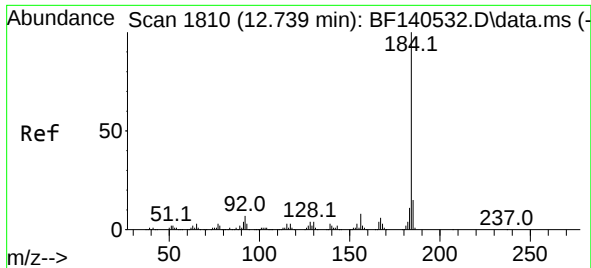
Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 25.7 20.6 31.0

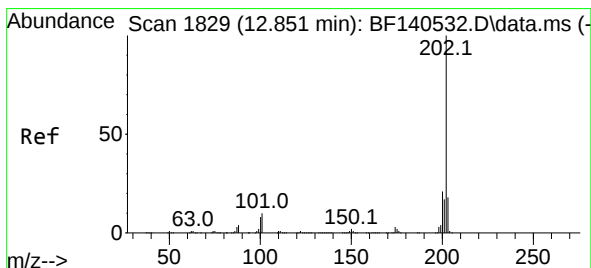
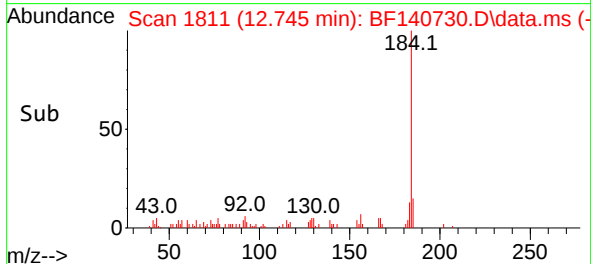
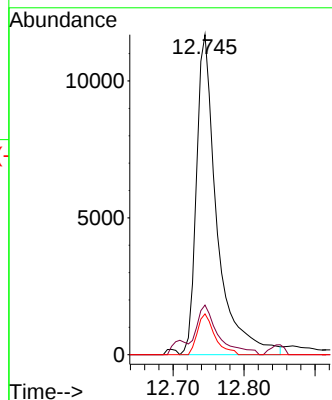
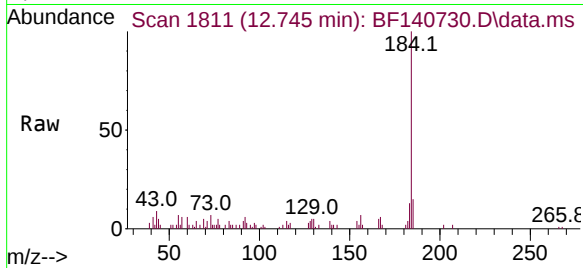




#77
Benzidine
Concen: 4.738 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

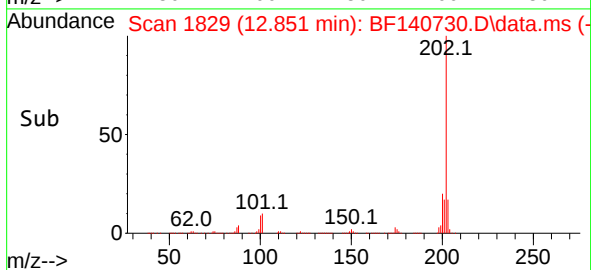
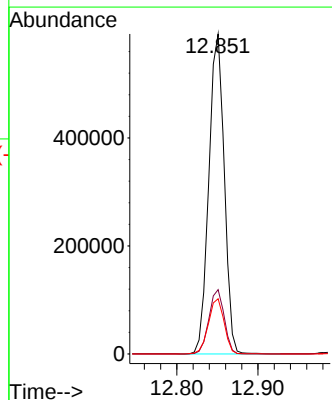
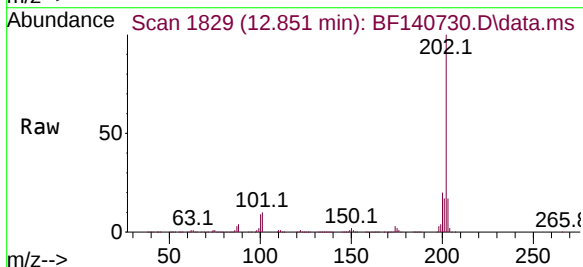
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MSD

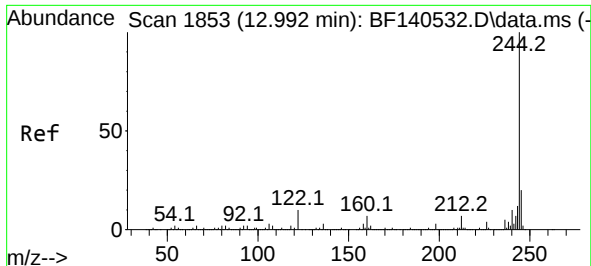
Tgt Ion:184 Resp: 23556
Ion Ratio Lower Upper
184 100
185 15.5 11.7 17.5
183 12.8 8.8 13.2



#78
Pyrene
Concen: 49.345 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140730.D
Acq: 04 Dec 2024 16:54

Tgt Ion:202 Resp: 780252
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.3 14.2 21.4

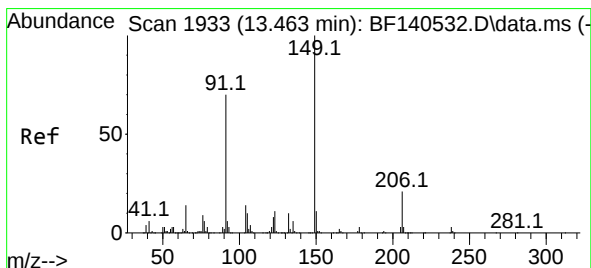
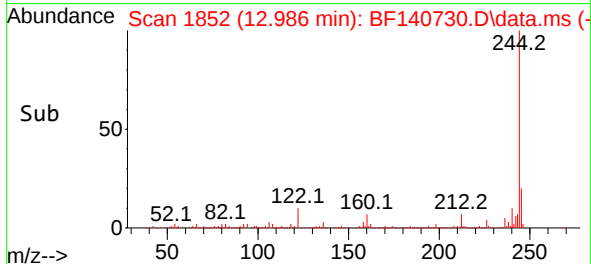
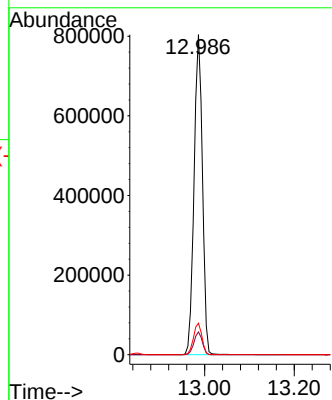
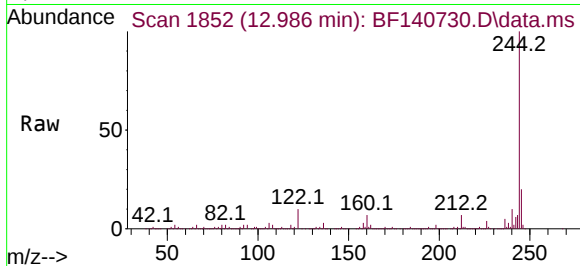




#79
 Terphenyl-d14
 Concen: 94.474 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140730.D
 Acq: 04 Dec 2024 16:54

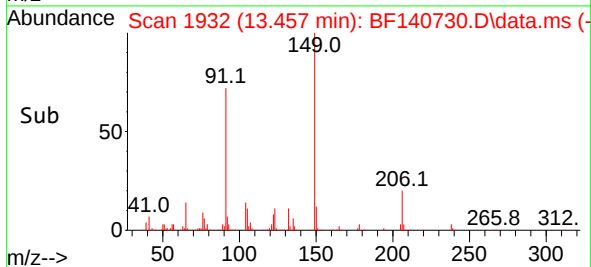
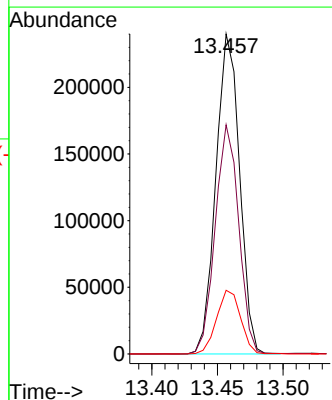
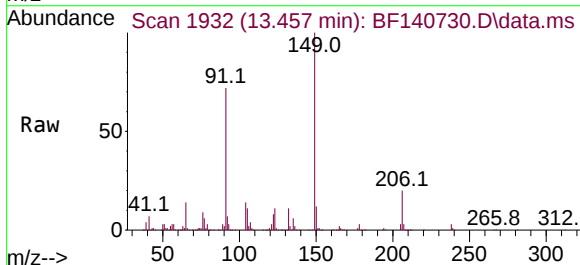
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-50MSD

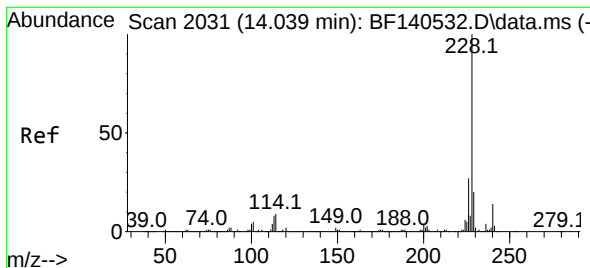
Tgt Ion:244 Resp: 1037561
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.9 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 52.982 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140730.D
 Acq: 04 Dec 2024 16:54

Tgt Ion:149 Resp: 301791
 Ion Ratio Lower Upper
 149 100
 91 71.6 56.2 84.2
 206 19.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.152 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

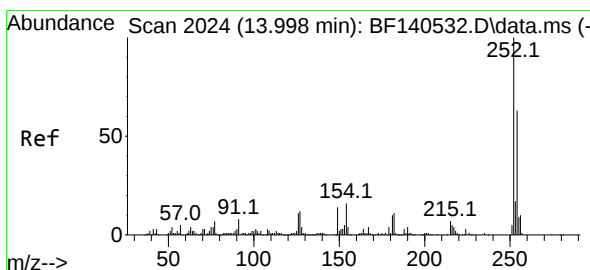
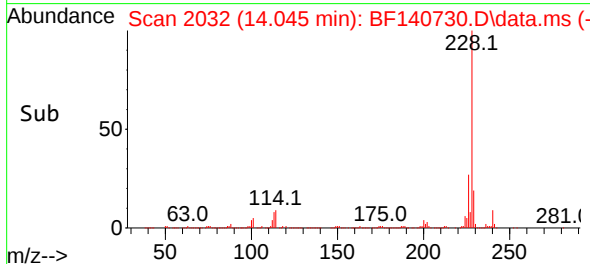
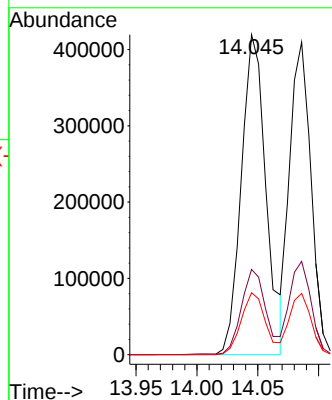
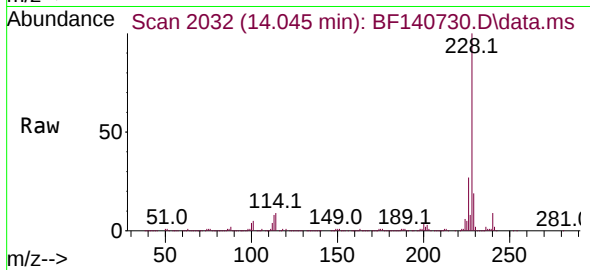
Tgt Ion:228 Resp: 590374

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 20.817 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

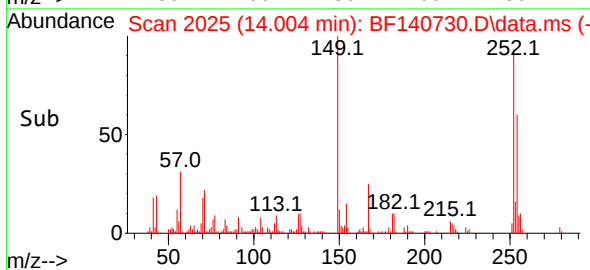
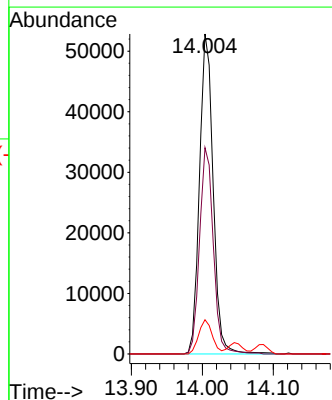
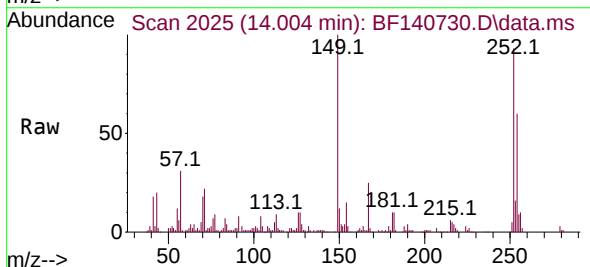
Tgt Ion:252 Resp: 70751

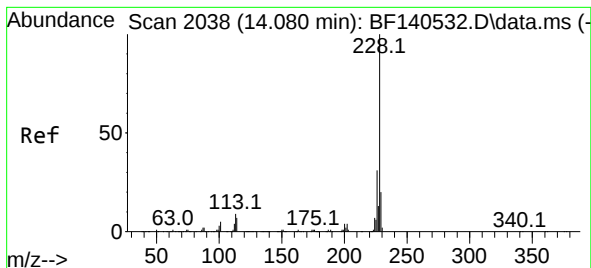
Ion Ratio Lower Upper

252 100

254 64.5 50.8 76.2

126 10.7 8.6 13.0





#83

Chrysene

Concen: 48.100 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

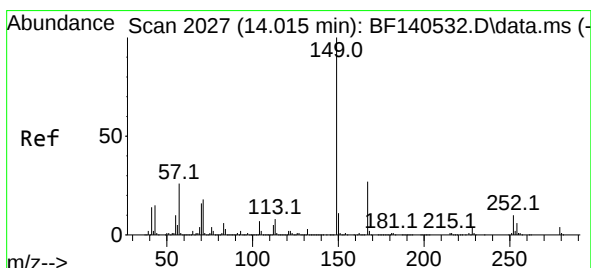
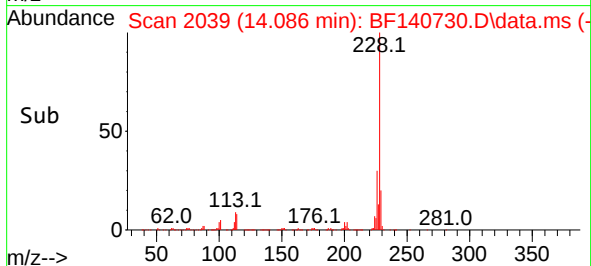
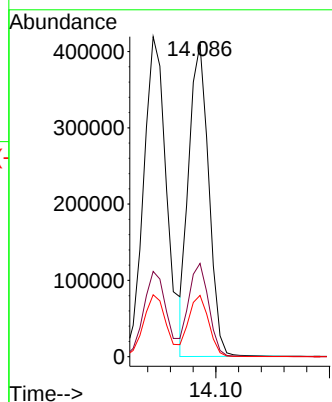
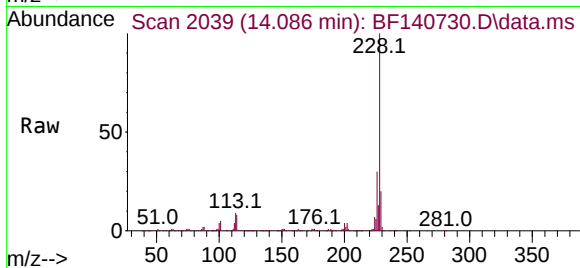
Tgt Ion:228 Resp: 497886

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.706 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

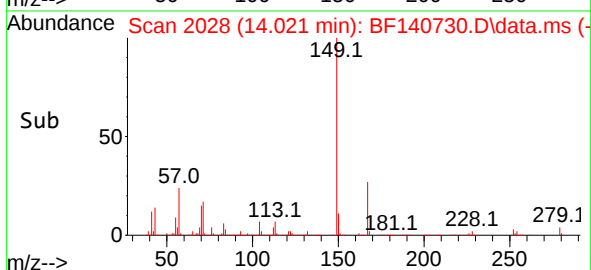
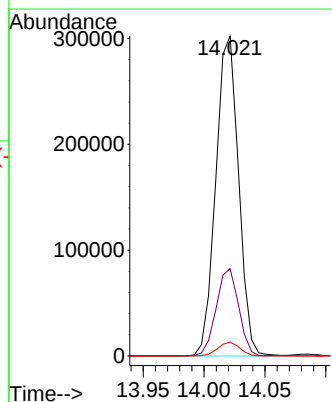
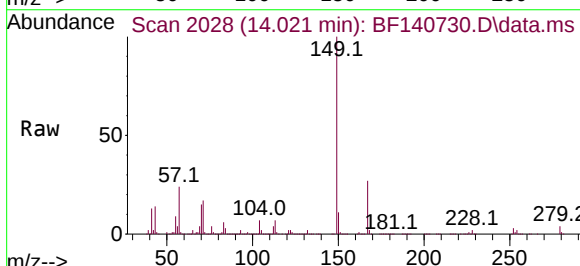
Tgt Ion:149 Resp: 393478

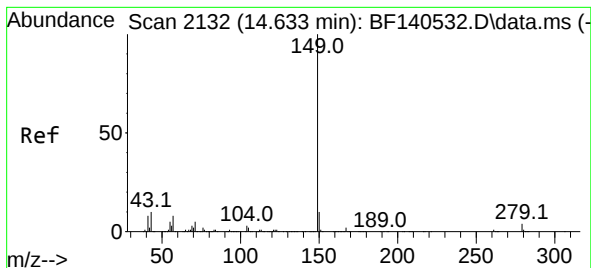
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 56.780 ng

RT: 14.657 min Scan# 2136

Delta R.T. 0.023 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

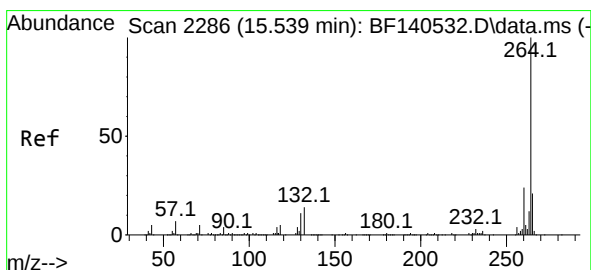
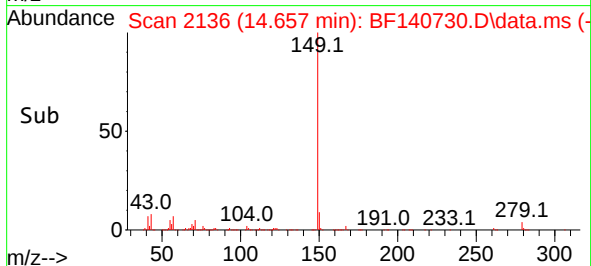
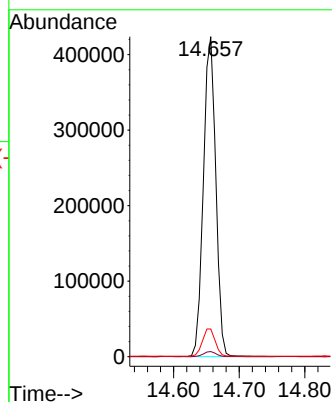
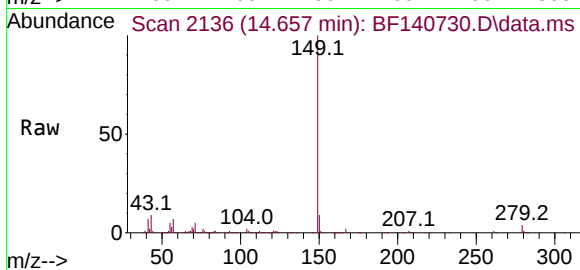
Tgt Ion:149 Resp: 558122

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.029 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

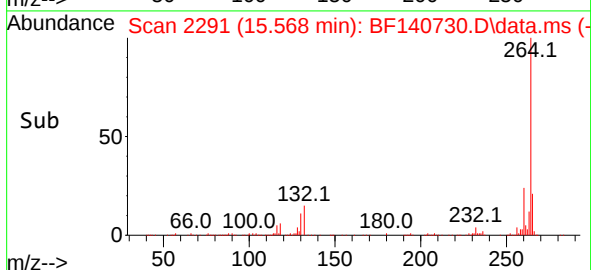
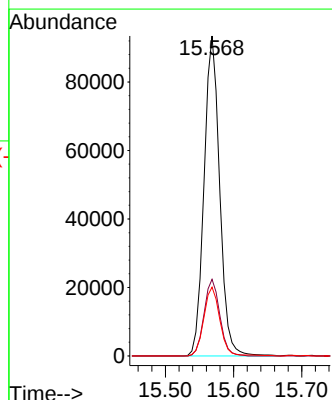
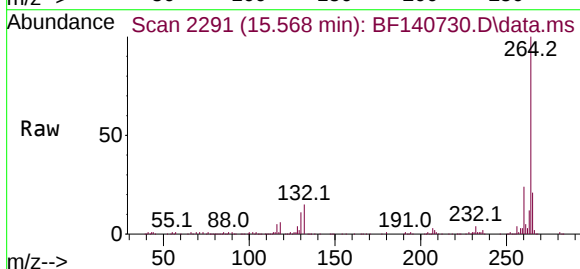
Tgt Ion:264 Resp: 149001

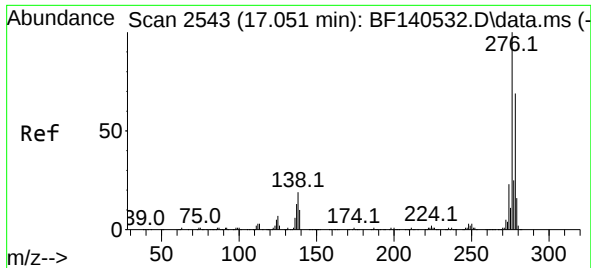
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.5 16.6 25.0

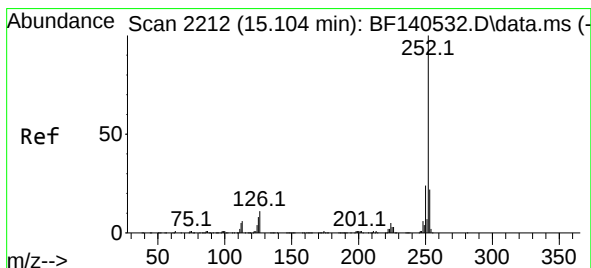
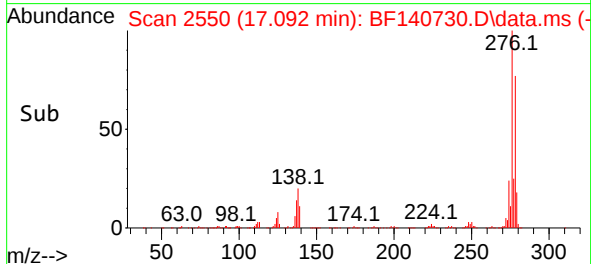
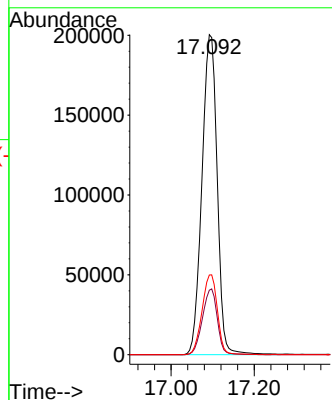
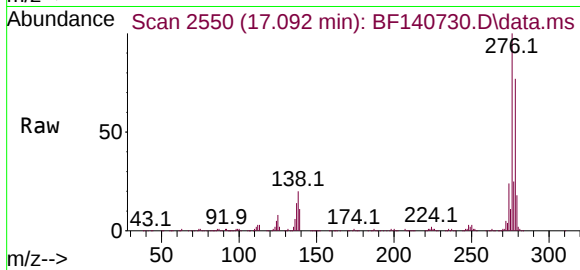




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.596 ng
 RT: 17.092 min Scan# 211
 Delta R.T. 0.041 min
 Lab File: BF140730.D
 Acq: 04 Dec 2024 16:54

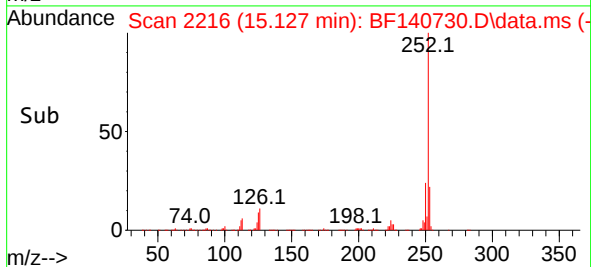
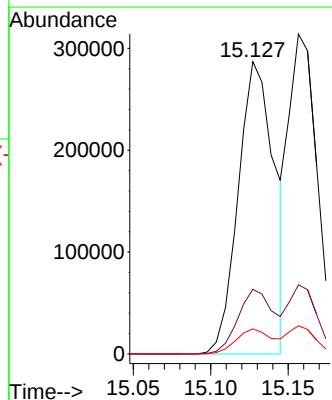
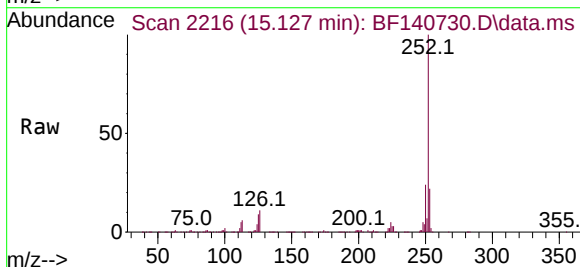
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-50MSD

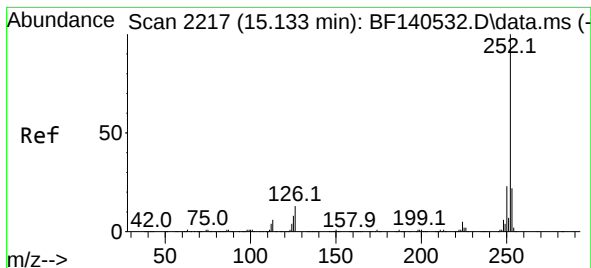
Tgt Ion:276 Resp: 510723
 Ion Ratio Lower Upper
 276 100
 138 20.1 15.5 23.3
 277 25.1 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 49.777 ng
 RT: 15.127 min Scan# 2216
 Delta R.T. 0.023 min
 Lab File: BF140730.D
 Acq: 04 Dec 2024 16:54

Tgt Ion:252 Resp: 465862
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 49.111 ng

RT: 15.157 min Scan# 2217

Delta R.T. 0.023 min

Lab File: BF140730.D

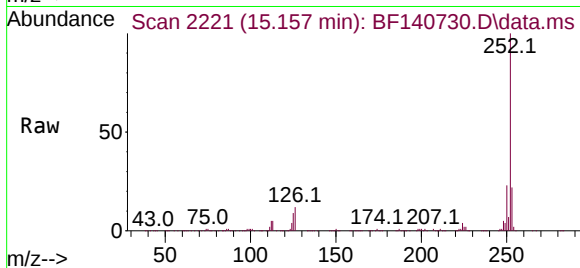
Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD



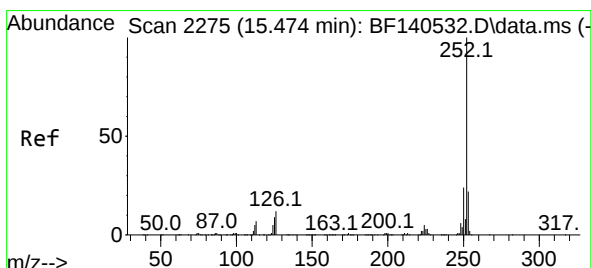
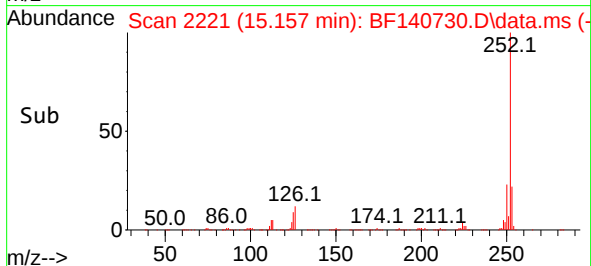
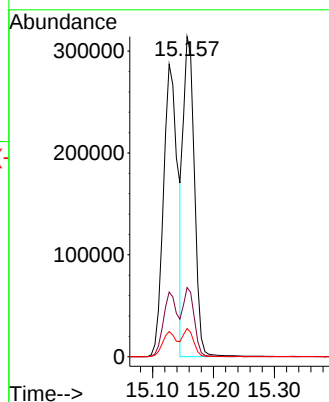
Tgt Ion:252 Resp: 402212

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.8 6.5 9.7



#90

Benzo(a)pyrene

Concen: 53.353 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.035 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

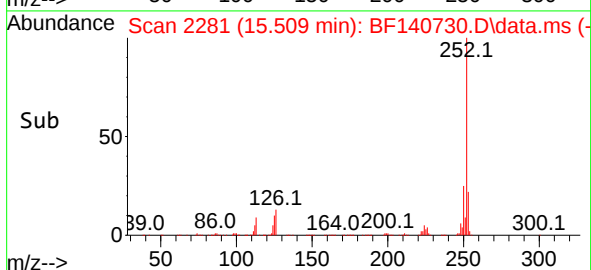
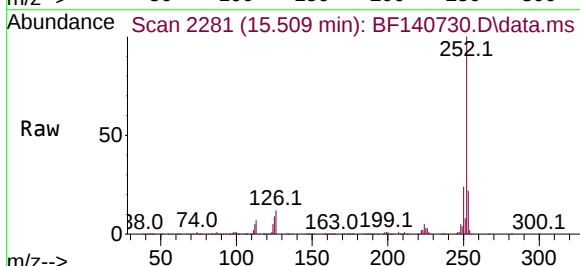
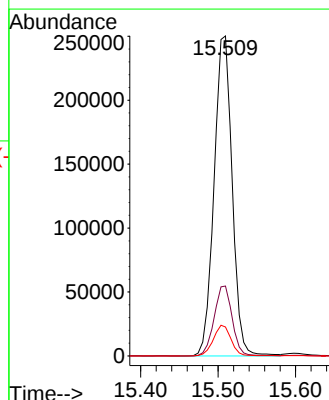
Tgt Ion:252 Resp: 405996

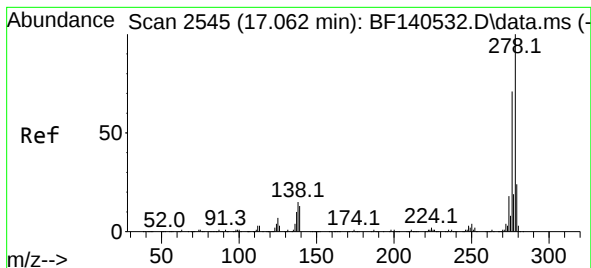
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 52.806 ng

RT: 17.103 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MSD

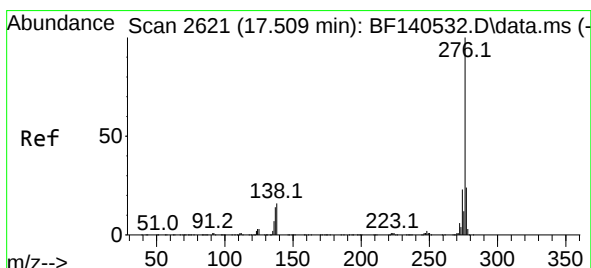
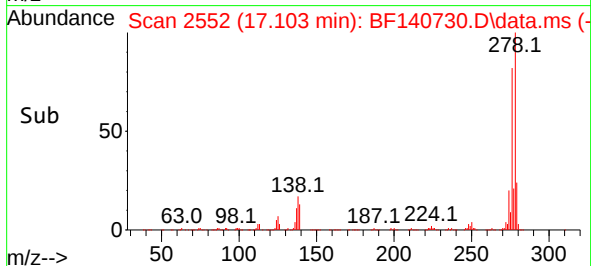
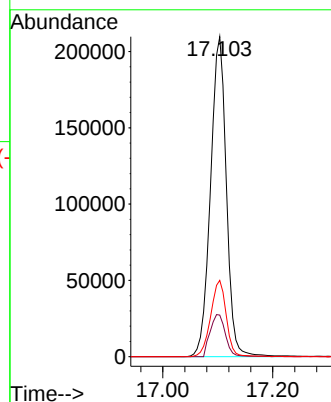
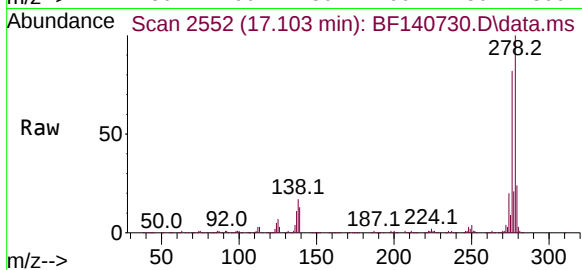
Tgt Ion:278 Resp: 419933

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.4

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 47.009 ng

RT: 17.551 min Scan# 2628

Delta R.T. 0.041 min

Lab File: BF140730.D

Acq: 04 Dec 2024 16:54

Tgt Ion:276 Resp: 381474

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 17.3 13.2 19.8

