

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140729.D
 Acq On : 04 Dec 2024 16:28
 Operator : RC/JU
 Sample : P5052-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 04 16:50:13 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	69183	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	264183	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	148306	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	284692	20.000	ng	0.00
76) Chrysene-d12	14.057	240	160537	20.000	ng	0.00
86) Perylene-d12	15.568	264	140702	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	594880	146.711	ng	0.02
7) Phenol-d6	6.516	99	751305	140.156	ng	0.00
23) Nitrobenzene-d5	7.434	82	498318	96.483	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	247124	155.802	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	982212	98.677	ng	-0.01
79) Terphenyl-d14	12.986	244	1050017	101.847	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	74982	43.982	ng	# 83
3) Pyridine	3.593	79	54854	14.624	ng	100
4) n-Nitrosodimethylamine	3.499	42	106354	48.242	ng	93
6) Aniline	6.540	93	62083	16.454	ng	# 1
8) 2-Chlorophenol	6.663	128	234938	53.856	ng	96
9) Benzaldehyde	6.428	77	48245	17.001	ng	98
10) Phenol	6.528	94	282333	51.573	ng	89
11) bis(2-Chloroethyl)ether	6.604	93	216920	51.781	ng	99
12) 1,3-Dichlorobenzene	6.810	146	237280	48.408	ng	99
13) 1,4-Dichlorobenzene	6.887	146	242854	48.931	ng	99
14) 1,2-Dichlorobenzene	7.040	146	231231	49.720	ng	99
15) Benzyl Alcohol	7.016	79	217415	54.691	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	260389	52.614	ng	77
17) 2-Methylphenol	7.134	107	187171	53.600	ng	97
18) Hexachloroethane	7.375	117	89573	48.322	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	169004	53.346	ng	96
20) 3+4-Methylphenols	7.287	107	247632	55.171	ng	94
22) Acetophenone	7.281	105	325588	50.552	ng	97
24) Nitrobenzene	7.457	77	258323	48.393	ng	98
25) Isophorone	7.692	82	460961	53.510	ng	100
26) 2-Nitrophenol	7.769	139	127724	53.993	ng	98
27) 2,4-Dimethylphenol	7.810	122	193230m	68.271	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	272512	51.927	ng	99
29) 2,4-Dichlorophenol	8.016	162	203998	54.393	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	204808	47.828	ng	99
31) Naphthalene	8.175	128	683791	50.250	ng	100
32) Benzoic acid	7.928	122	50027	24.460	ng	96
33) 4-Chloroaniline	8.228	127	56195	13.793	ng	98
34) Hexachlorobutadiene	8.281	225	137455	48.463	ng	99
35) Caprolactam	8.604	113	51927m	44.740	ng	
36) 4-Chloro-3-methylphenol	8.716	107	230997	55.011	ng	100
37) 2-Methylnaphthalene	8.863	142	460171	53.242	ng	100
38) 1-Methylnaphthalene	8.963	142	427596	50.472	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	226541	52.178	ng	99
41) Hexachlorocyclopentadiene	9.010	237	153809	150.532	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	146739	53.862	ng	99

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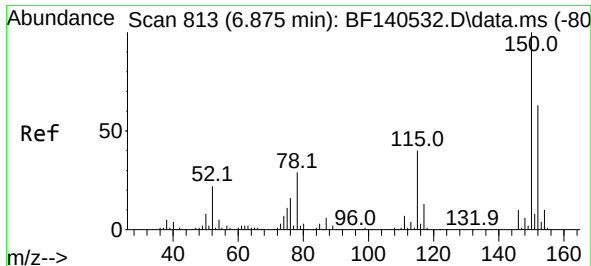
Quant Time: Dec 04 16:50:13 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154401	52.221	ng	97
46) 1,1'-Biphenyl	9.328	154	583740	52.719	ng	100
47) 2-Chloronaphthalene	9.357	162	438206	52.230	ng	98
48) 2-Nitroaniline	9.457	65	143375	53.239	ng	96
49) Acenaphthylene	9.769	152	707085	55.778	ng	100
50) Dimethylphthalate	9.628	163	545802	55.880	ng	100
51) 2,6-Dinitrotoluene	9.698	165	115642	52.204	ng	94
52) Acenaphthene	9.945	154	432495	53.695	ng	99
53) 3-Nitroaniline	9.869	138	46261	21.352	ng	97
54) 2,4-Dinitrophenol	9.986	184	55960	51.830	ng	95
55) Dibenzofuran	10.116	168	659582	53.686	ng	100
56) 4-Nitrophenol	10.051	139	140197	94.883	ng	96
57) 2,4-Dinitrotoluene	10.110	165	155096	52.681	ng	96
58) Fluorene	10.463	166	525983	53.336	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	136097	59.893	ng	93
60) Diethylphthalate	10.328	149	537187	54.131	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	258058	53.322	ng	100
62) 4-Nitroaniline	10.486	138	111154	48.917	ng	97
63) Azobenzene	10.610	77	496383	52.819	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	57439	39.483	ng	95
66) n-Nitrosodiphenylamine	10.569	169	450951	53.563	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	155247	52.951	ng	98
68) Hexachlorobenzene	11.010	284	173908	51.227	ng	98
69) Atrazine	11.098	200	148778	62.817	ng	99
70) Pentachlorophenol	11.216	266	149426	100.007	ng	99
71) Phenanthrene	11.428	178	733559	53.604	ng	100
72) Anthracene	11.480	178	751639	56.149	ng	100
73) Carbazole	11.639	167	690349	53.608	ng	100
74) Di-n-butylphthalate	11.957	149	814944	54.814	ng	99
75) Fluoranthene	12.622	202	781057	52.567	ng	100
77) Benzidine	12.745	184	27728	5.941	ng	99
78) Pyrene	12.851	202	795802	53.612	ng	99
80) Butylbenzylphthalate	13.457	149	304564	56.957	ng	98
81) Benzo(a)anthracene	14.051	228	584114	54.966	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	59414	18.622	ng	99
83) Chrysene	14.086	228	521231	53.640	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	398956	59.087	ng	99
85) Di-n-octyl phthalate	14.657	149	561252	60.824	ng	97
87) Indeno(1,2,3-cd)pyrene	17.104	276	531058	57.916	ng	98
88) Benzo(b)fluoranthene	15.133	252	446064	50.473	ng	99
89) Benzo(k)fluoranthene	15.163	252	448560	58.000	ng	100
90) Benzo(a)pyrene	15.510	252	423120	58.883	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	441158	58.747	ng	100
92) Benzo(g,h,i)perylene	17.557	276	402433	52.517	ng	100

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

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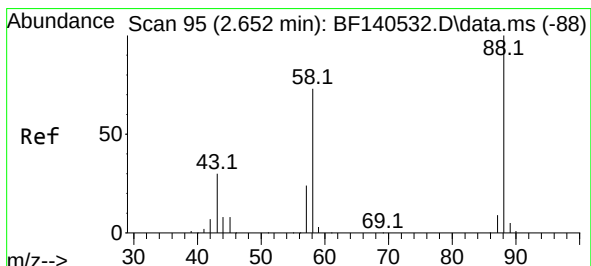
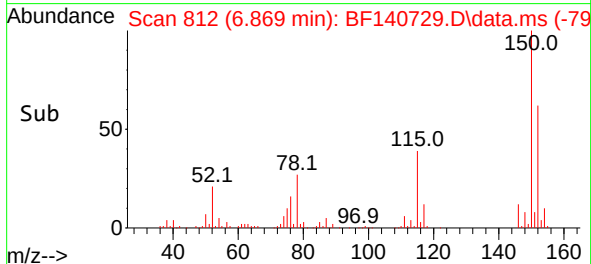
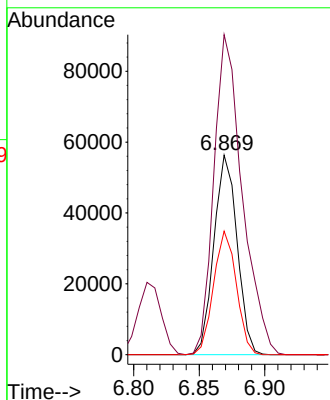
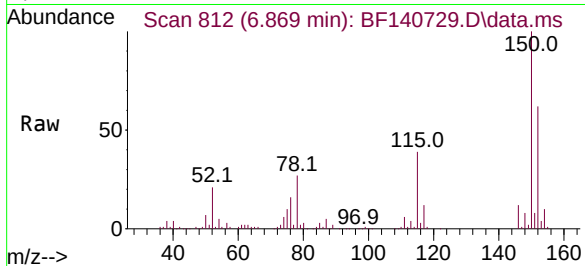




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140729.D
 Acq: 04 Dec 2024 16:28

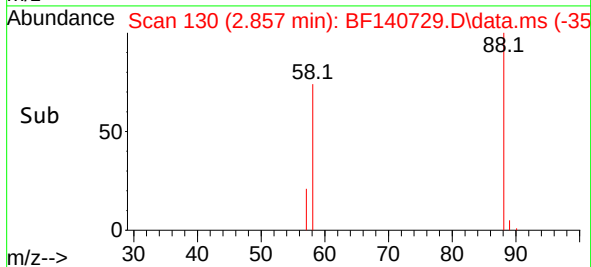
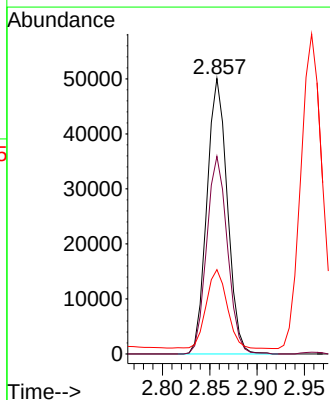
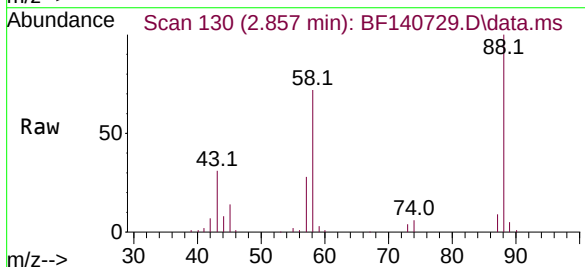
Instrument :
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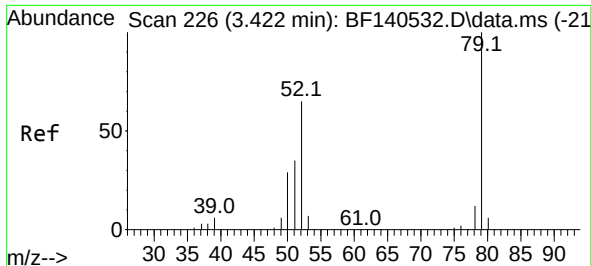
Tgt Ion:152 Resp: 69183
 Ion Ratio Lower Upper
 152 100
 150 160.4 128.5 192.7
 115 61.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 43.982 ng
 RT: 2.857 min Scan# 130
 Delta R.T. 0.206 min
 Lab File: BF140729.D
 Acq: 04 Dec 2024 16:28

Tgt Ion: 88 Resp: 74982
 Ion Ratio Lower Upper
 88 100
 58 72.8 57.4 86.2
 43 0.0 24.3 36.5





#3

Pyridine

Concen: 14.624 ng

RT: 3.593 min Scan# 21

Delta R.T. 0.171 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

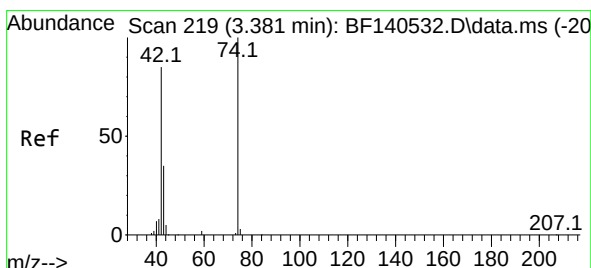
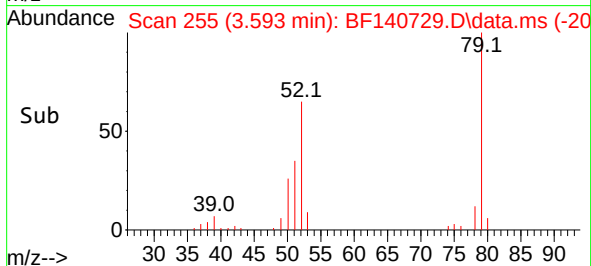
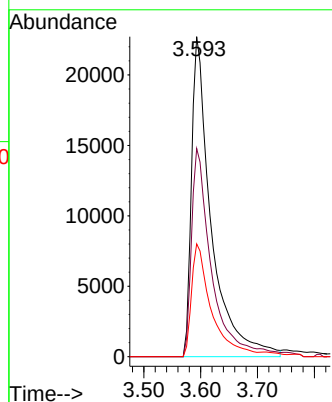
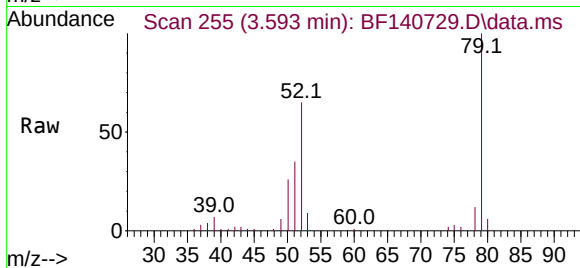
Tgt Ion: 79 Resp: 54854

Ion Ratio Lower Upper

79 100

52 65.1 52.1 78.1

51 35.3 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 48.242 ng

RT: 3.499 min Scan# 239

Delta R.T. 0.118 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

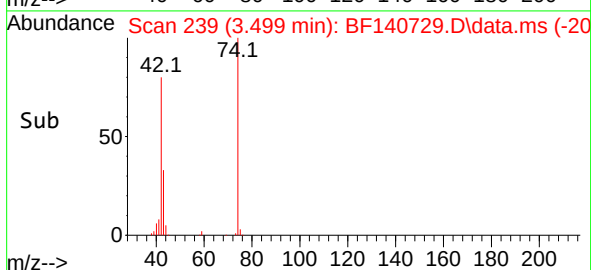
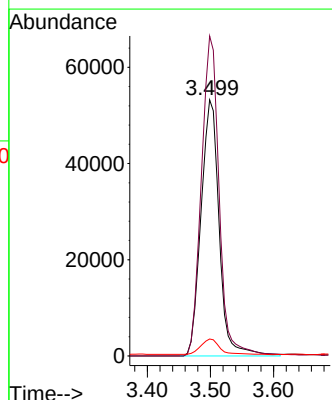
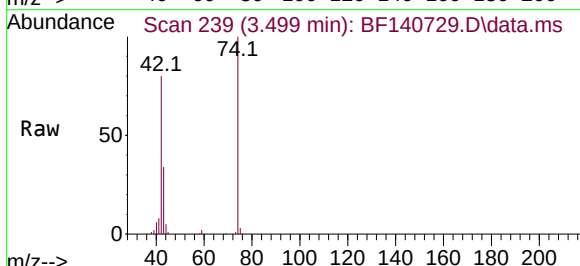
Tgt Ion: 42 Resp: 106354

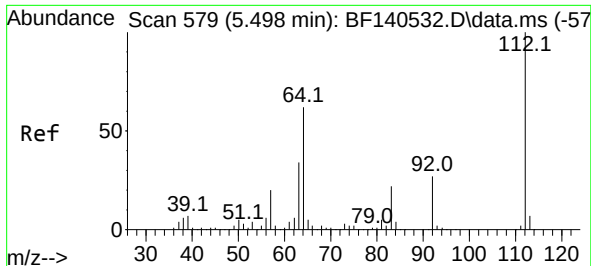
Ion Ratio Lower Upper

42 100

74 124.9 93.8 140.6

44 6.6 4.6 6.8

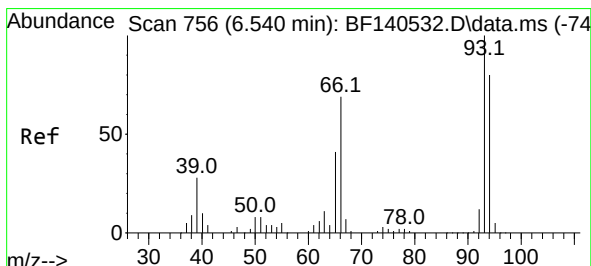
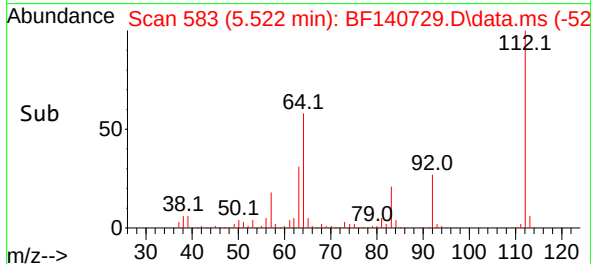
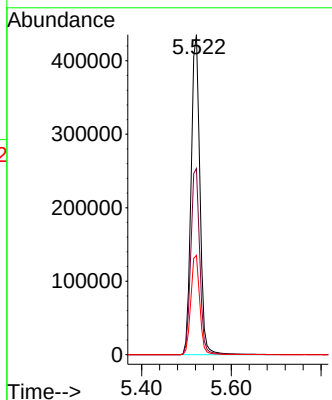
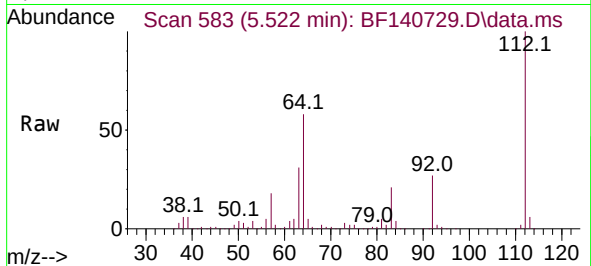




#5
2-Fluorophenol
Concen: 146.711 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

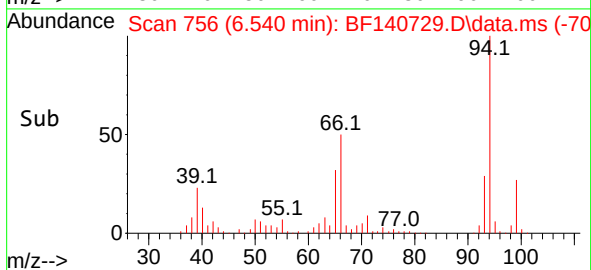
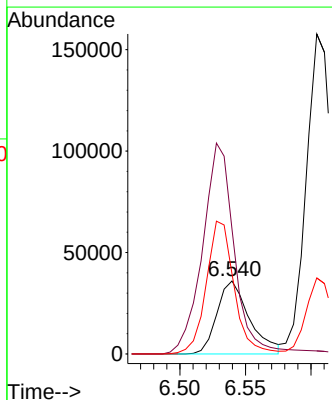
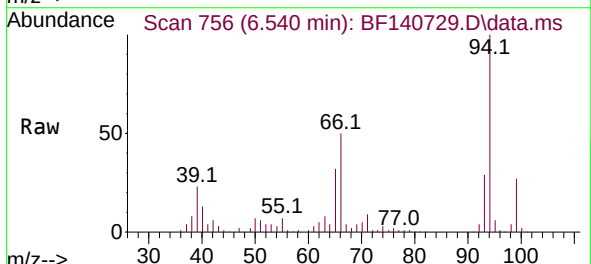
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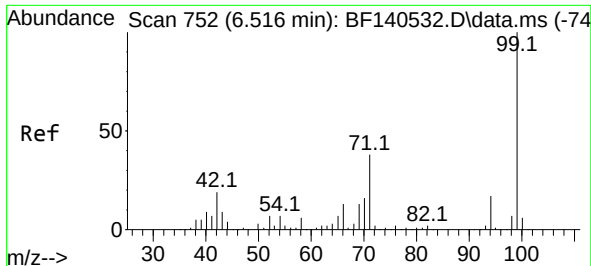
Tgt Ion:112 Resp: 594880
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.0 27.0 40.4



#6
Aniline
Concen: 16.454 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion: 93 Resp: 62083
Ion Ratio Lower Upper
93 100
66 171.4 56.5 84.7#
65 110.0 32.9 49.3#

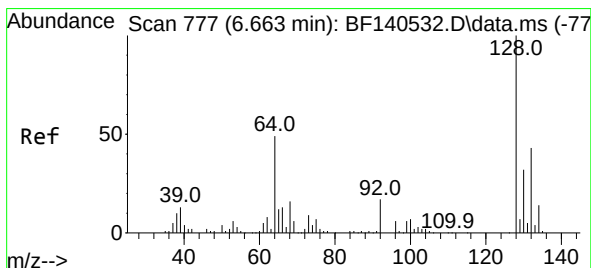
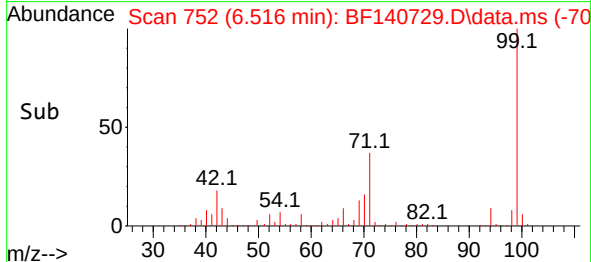
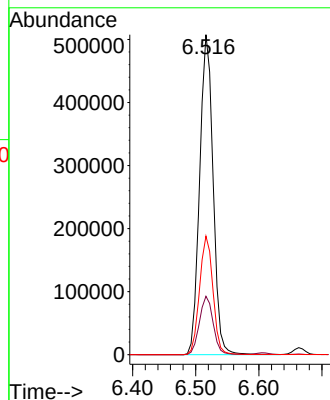
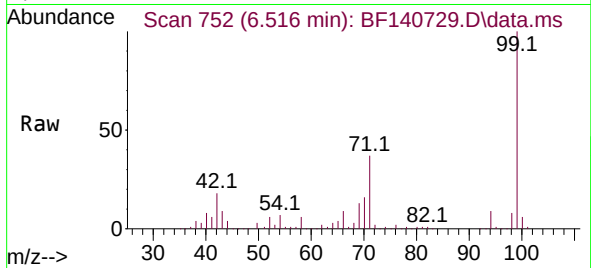




#7
Phenol-d6
Concen: 140.156 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

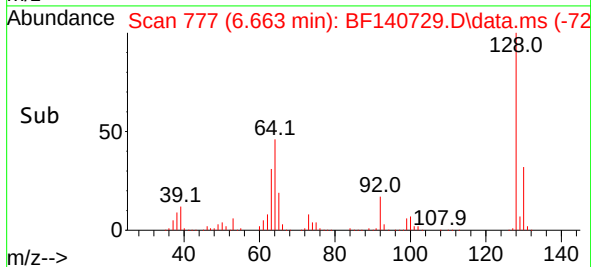
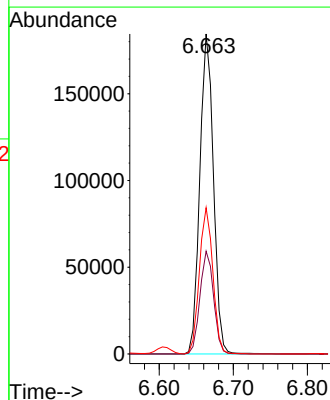
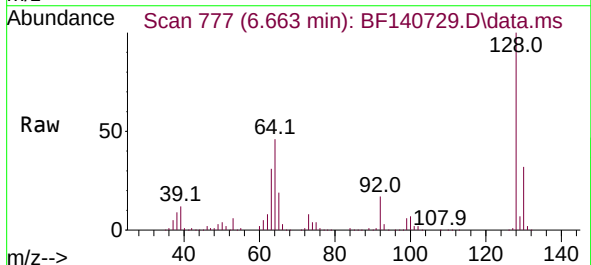
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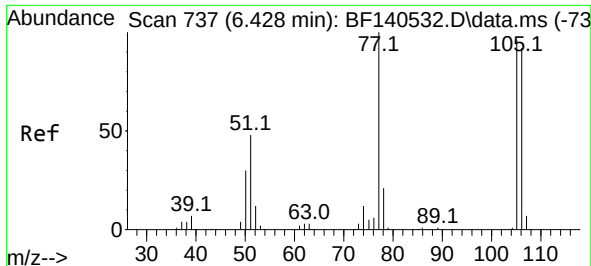
Tgt Ion: 99 Resp: 751305
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.1 30.6 46.0



#8
2-Chlorophenol
Concen: 53.856 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:128 Resp: 234938
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 45.7 30.2 70.2

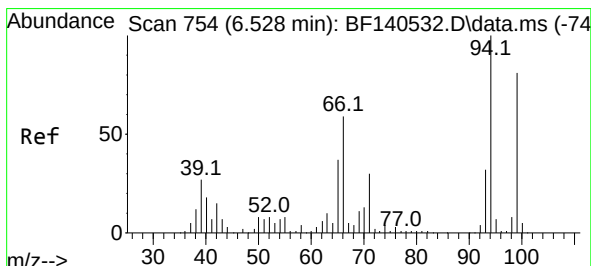
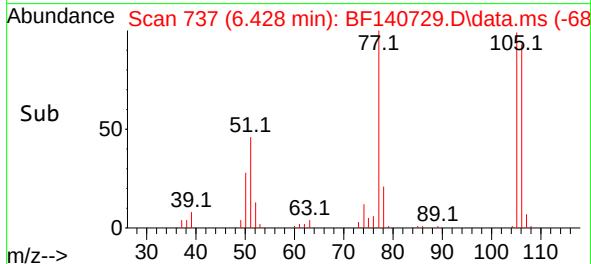
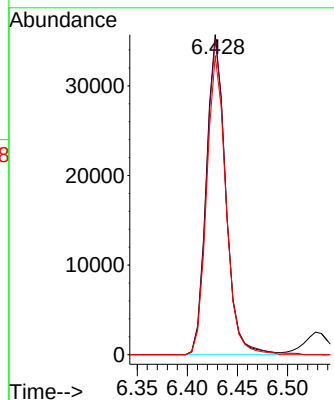
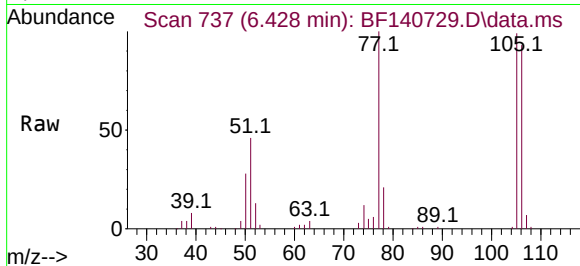




#9
Benzaldehyde
Concen: 17.001 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

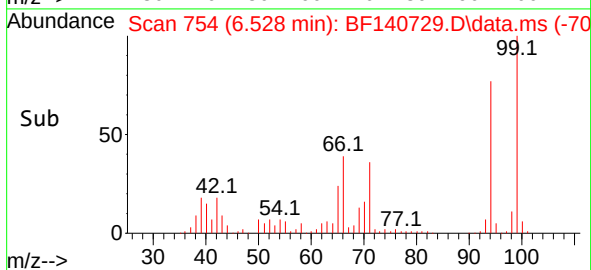
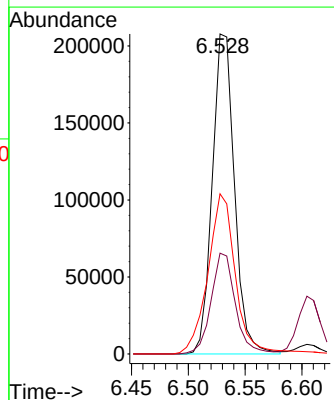
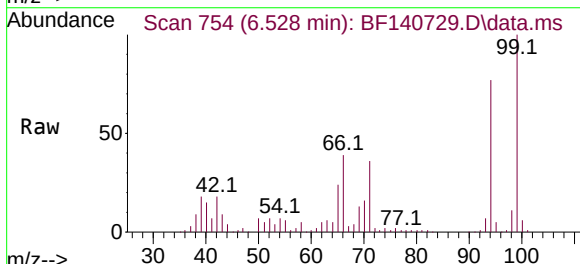
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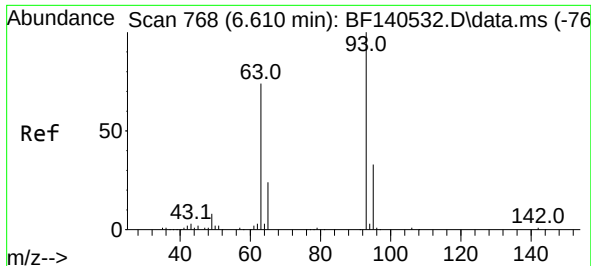
Tgt Ion:	77	Resp:	48245
Ion Ratio	Lower	Upper	
77	100		
105	98.6	75.6	115.6
106	93.4	72.0	112.0



#10
Phenol
Concen: 51.573 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:	94	Resp:	282333
Ion Ratio	Lower	Upper	
94	100		
65	31.5	17.2	57.2
66	50.0	39.2	79.2

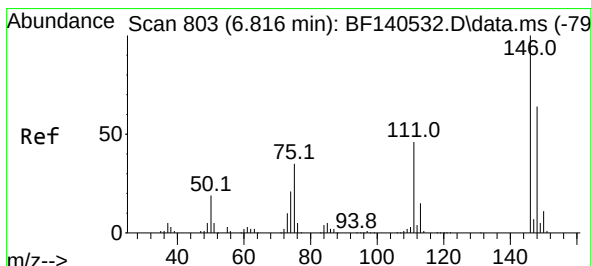
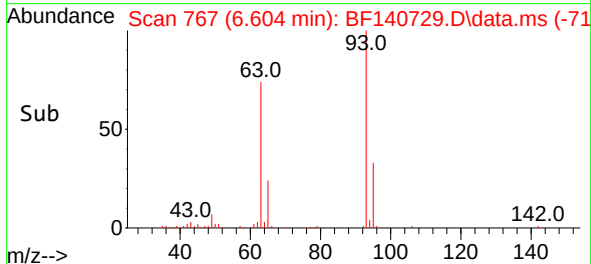
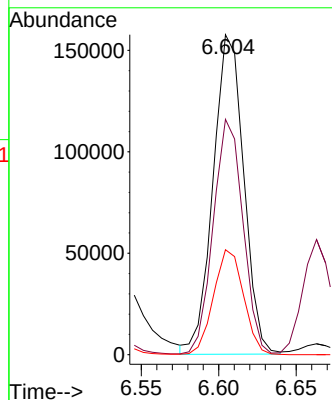
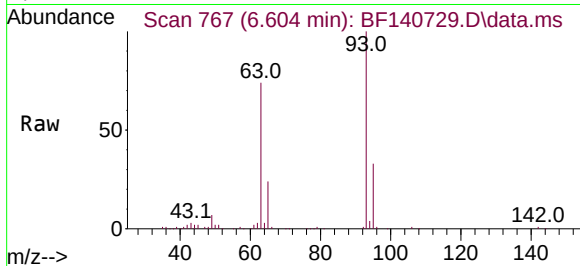




#11
bis(2-Chloroethyl)ether
Concen: 51.781 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

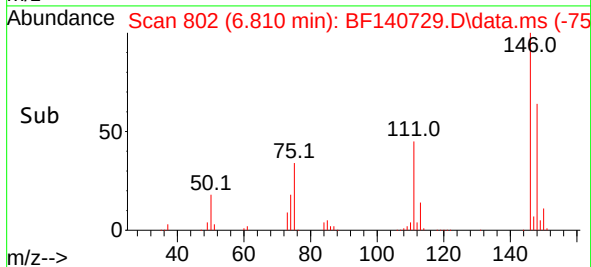
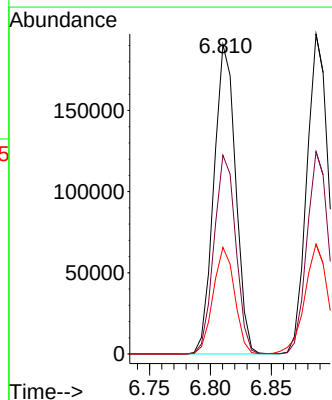
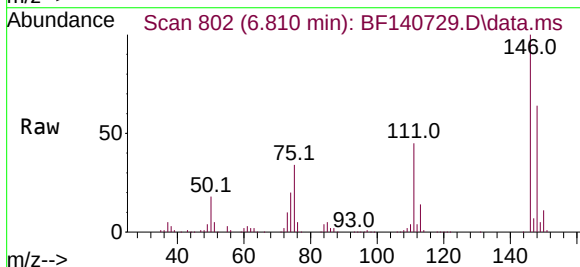
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

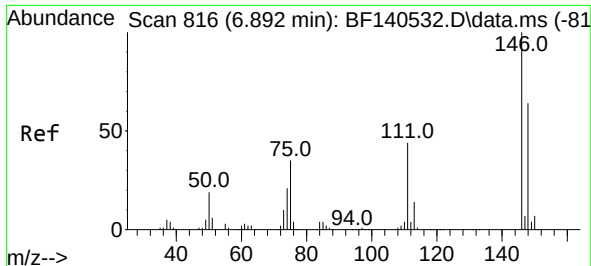
Tgt Ion: 93 Resp: 216920
Ion Ratio Lower Upper
93 100
63 73.5 52.8 92.8
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.408 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:146 Resp: 237280
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 34.4 28.2 42.2

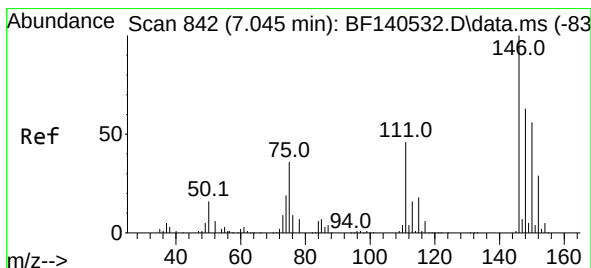
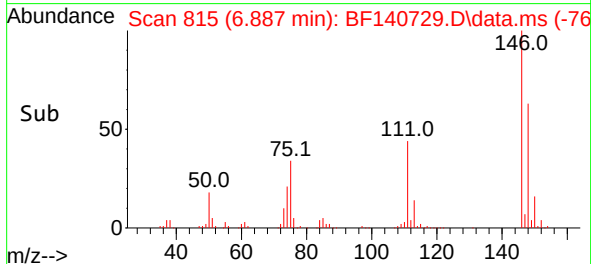
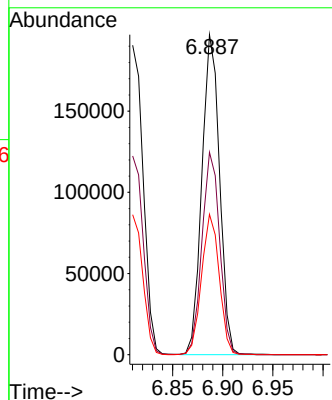
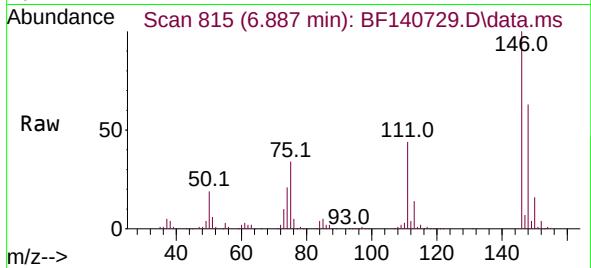




#13
1,4-Dichlorobenzene
Concen: 48.931 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

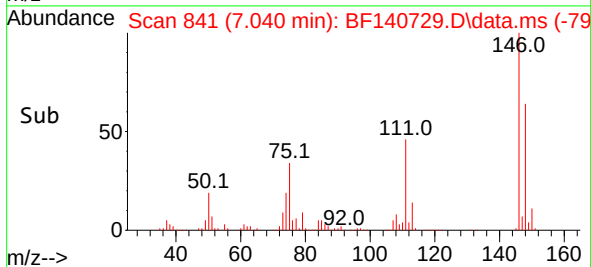
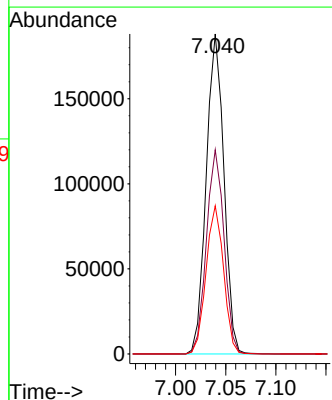
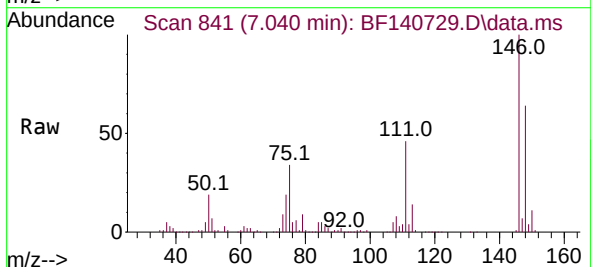
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

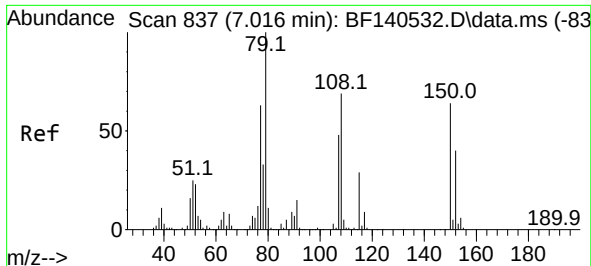
Tgt Ion:146 Resp: 242854
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 43.8 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 49.720 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:146 Resp: 231231
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 46.3 36.7 55.1

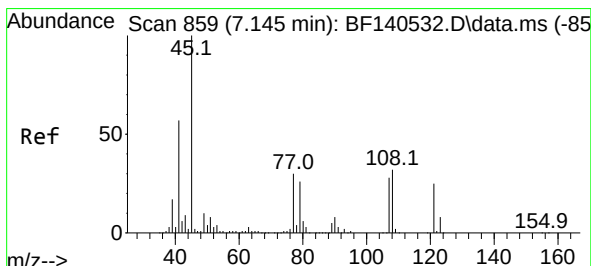
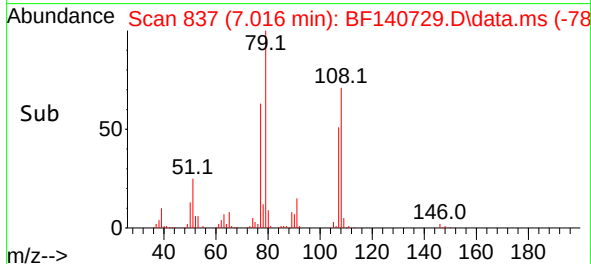
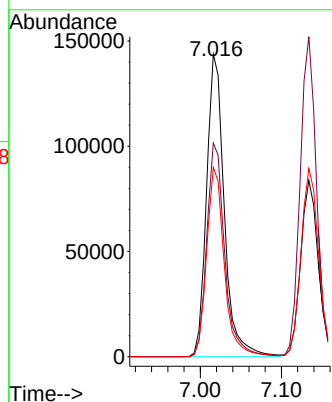
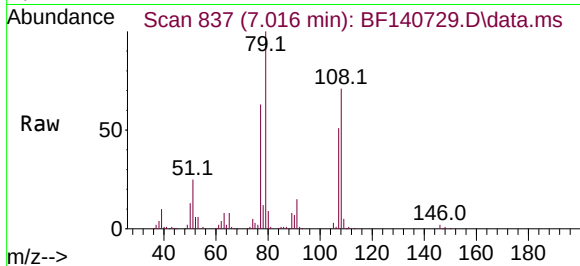




#15
Benzyl Alcohol
Concen: 54.691 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

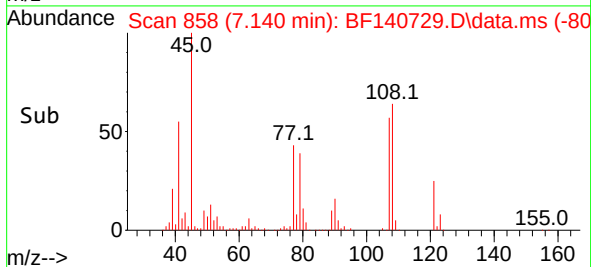
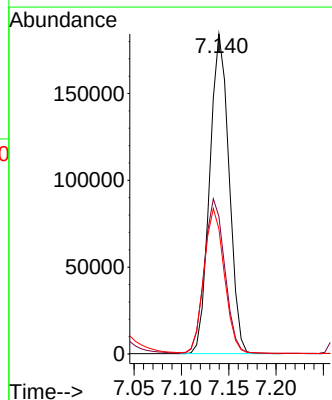
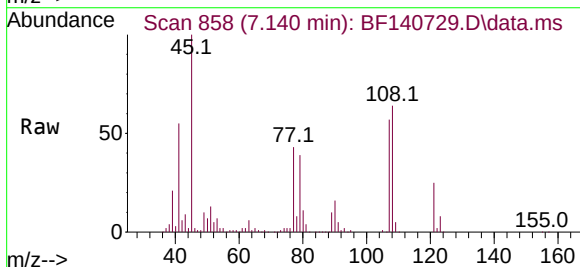
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

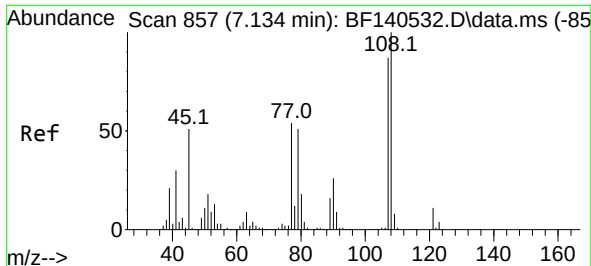
Tgt Ion: 79 Resp: 217415
Ion Ratio Lower Upper
79 100
108 70.6 55.0 82.6
77 62.6 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.614 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion: 45 Resp: 260389
Ion Ratio Lower Upper
45 100
77 43.0 10.7 50.7
79 39.1 7.0 47.0

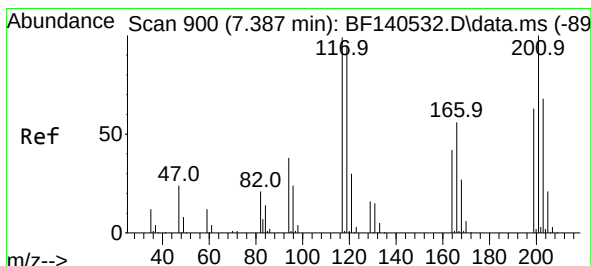
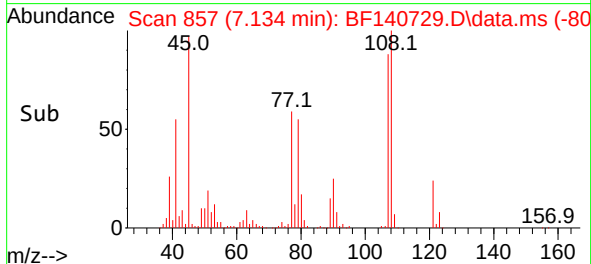
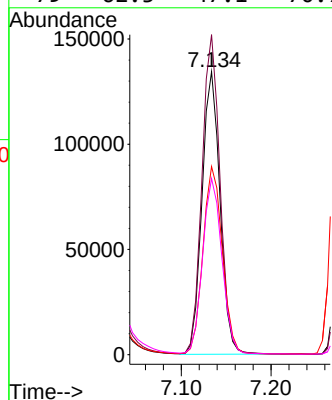
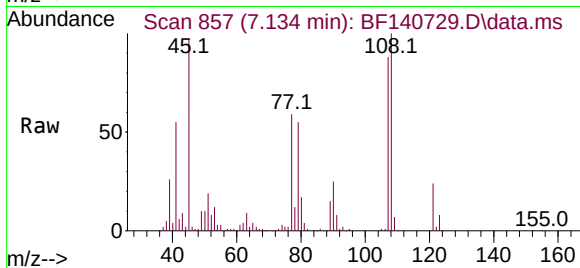




#17
2-Methylphenol
Concen: 53.600 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

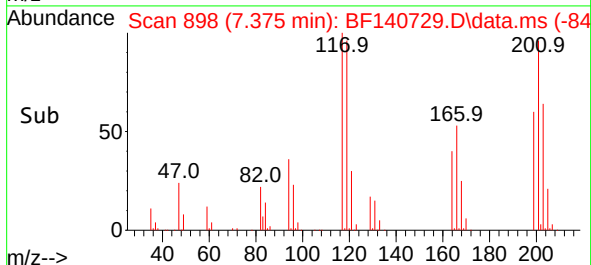
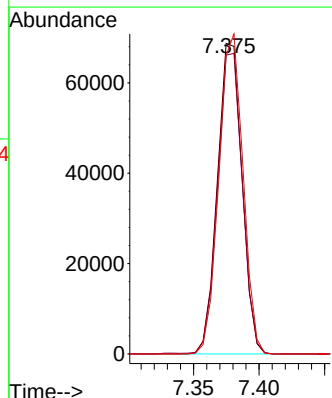
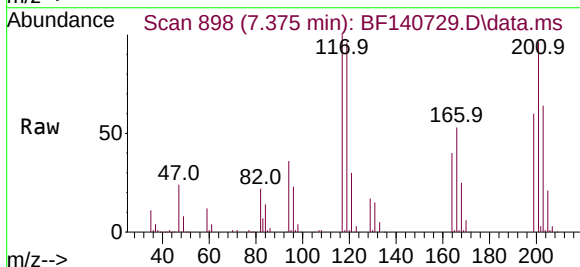
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

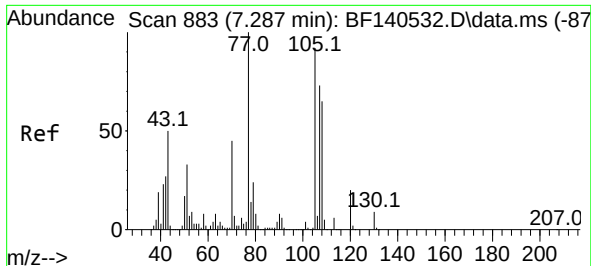
Tgt Ion:	107	Resp:	187171
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	66.5	49.3	73.9
79	62.3	47.1	70.7



#18
Hexachloroethane
Concen: 48.322 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:	117	Resp:	89573
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.1	115.7
201	96.1	81.1	121.7



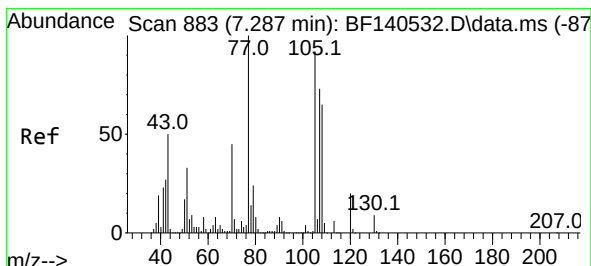
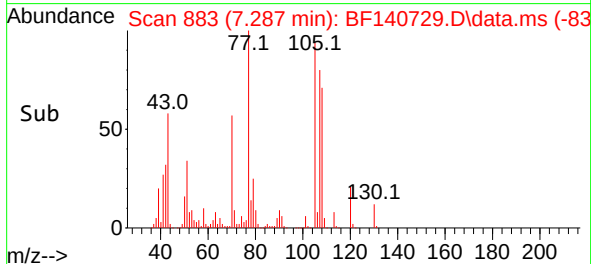
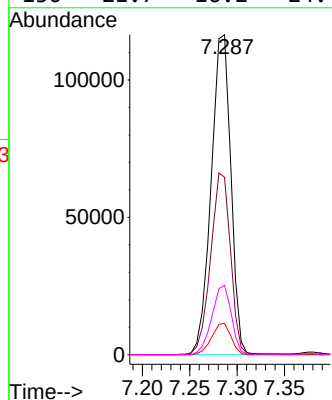
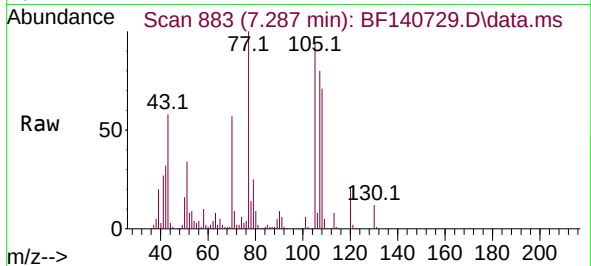


#19
n-Nitroso-di-n-propylamine
Concen: 53.346 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

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

Tgt Ion: 70 Resp: 169004

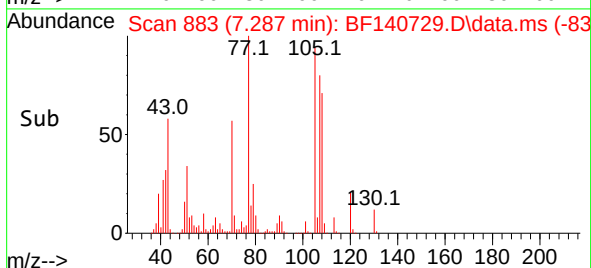
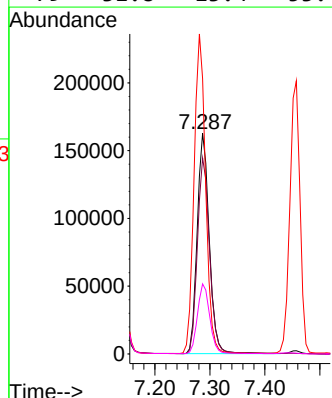
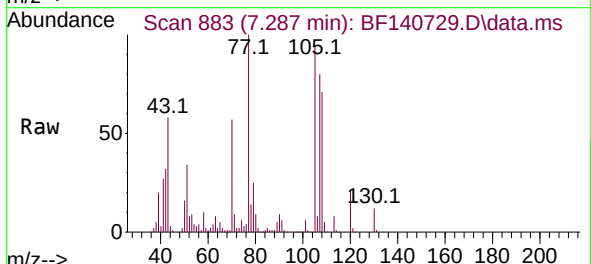
Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.6	71.4
101	9.8	7.6	11.4
130	21.7	16.2	24.4

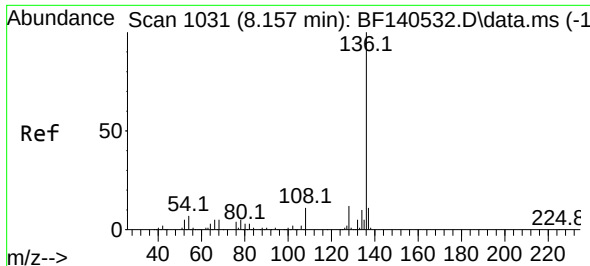


#20
3+4-Methylphenols
Concen: 55.171 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion: 107 Resp: 247632

Ion	Ratio	Lower	Upper
107	100		
108	88.8	69.9	109.9
77	124.9	117.7	157.7
79	31.8	13.4	53.4

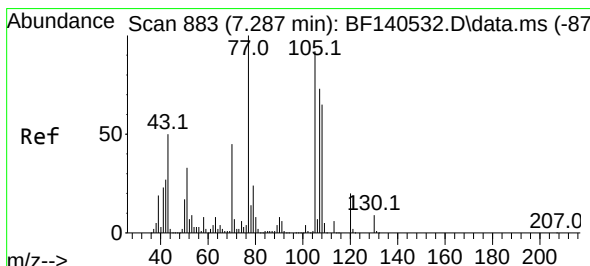
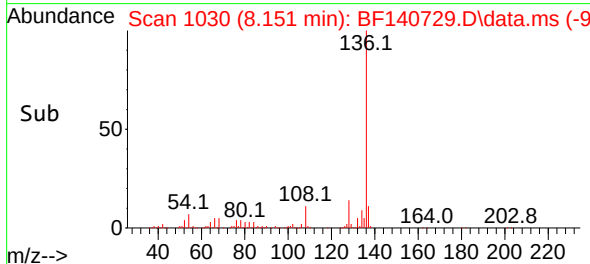
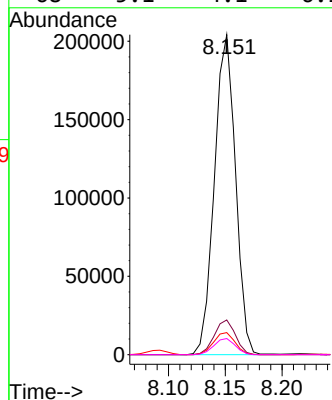
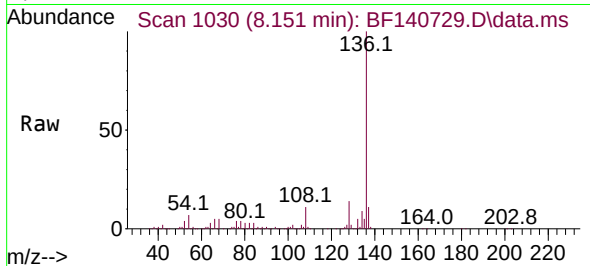




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

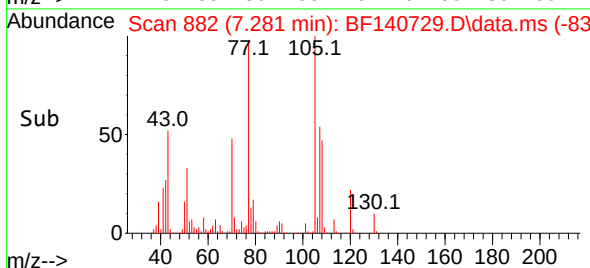
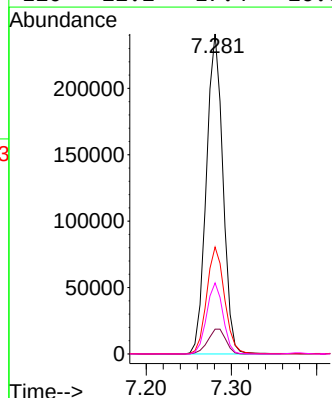
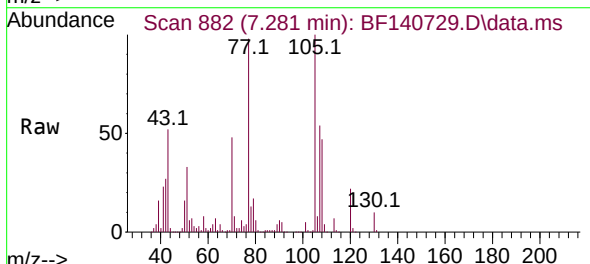
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

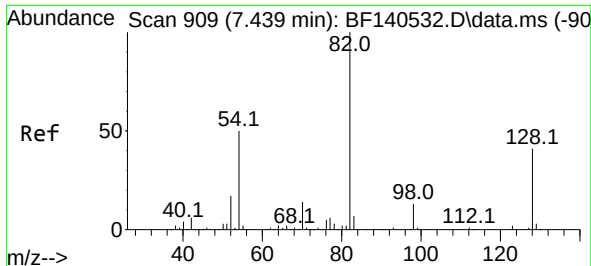
Tgt Ion	136	Resp:	264183
	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.8	8.8
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 50.552 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt	Ion:105	Resp:	325588
Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.2
51	33.4	29.0	43.6
120	22.2	17.4	26.0





#23

Nitrobenzene-d5

Concen: 96.483 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

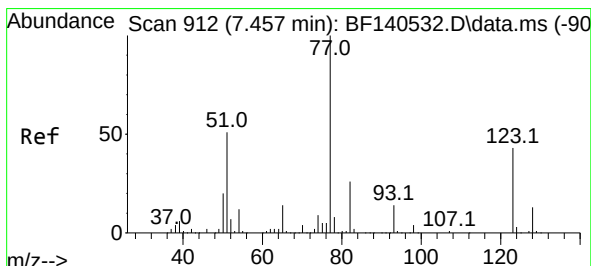
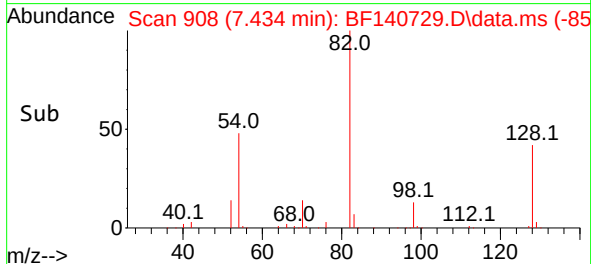
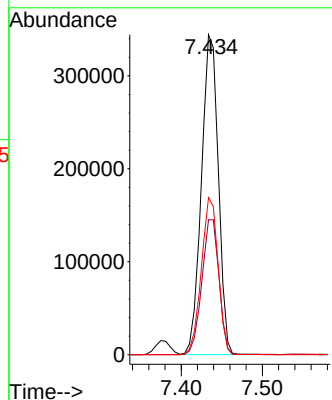
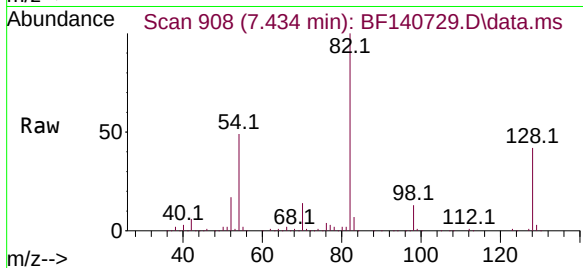
Tgt Ion: 82 Resp: 498318

Ion Ratio Lower Upper

82 100

128 42.2 33.0 49.4

54 49.1 39.5 59.3



#24

Nitrobenzene

Concen: 48.393 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

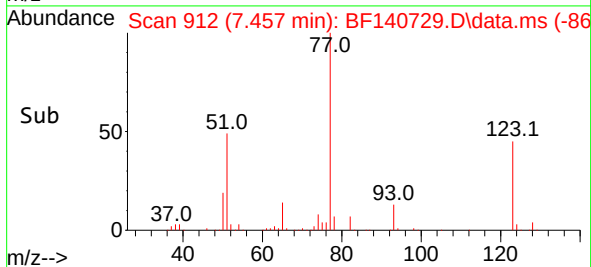
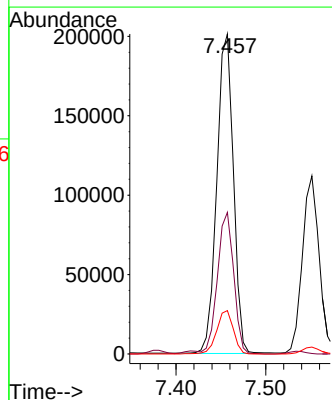
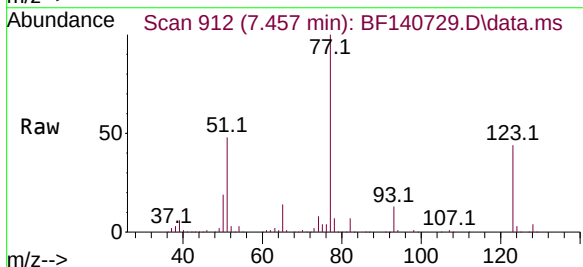
Tgt Ion: 77 Resp: 258323

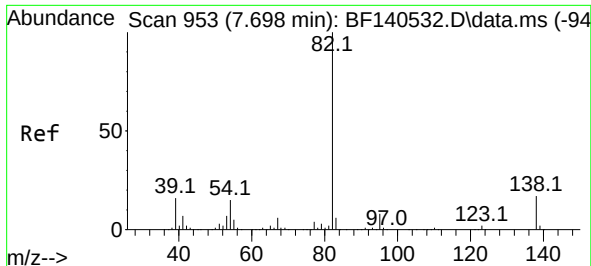
Ion Ratio Lower Upper

77 100

123 44.3 34.3 51.5

65 13.6 11.2 16.8

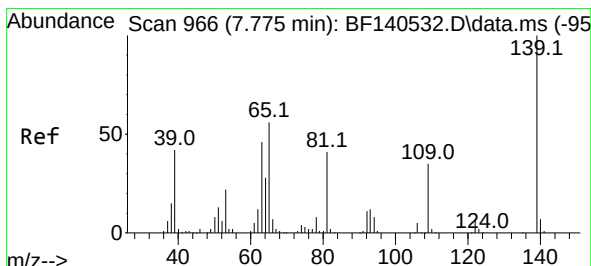
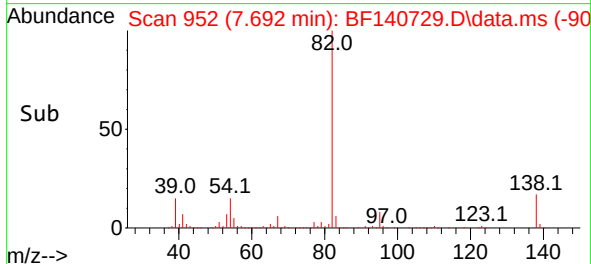
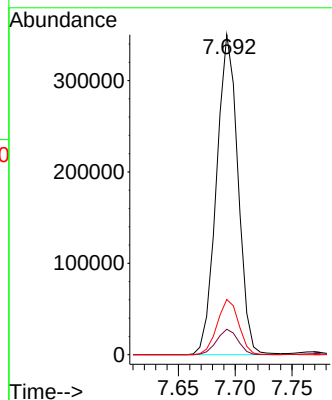
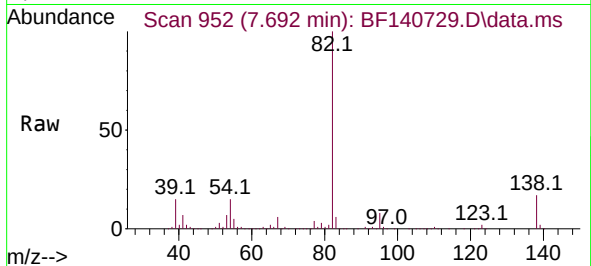




#25
Isophorone
Concen: 53.510 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

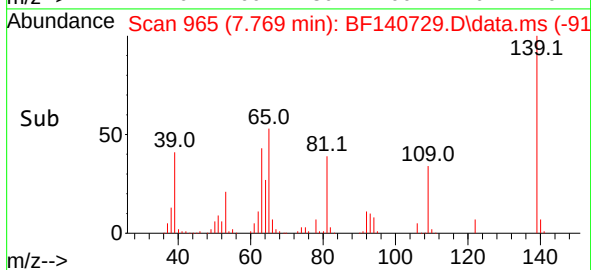
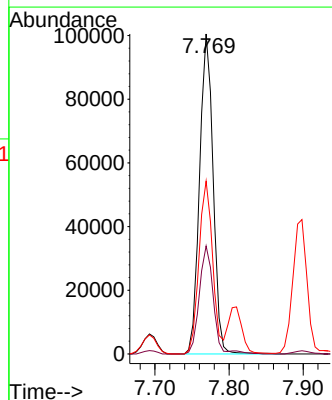
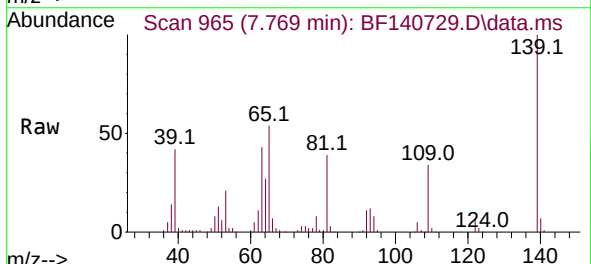
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

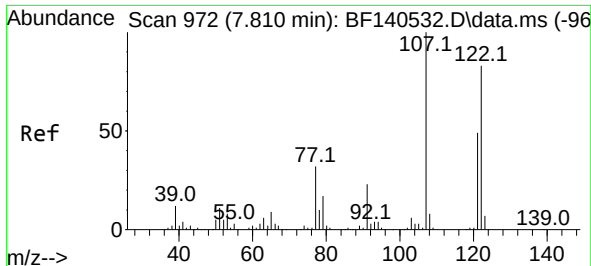
Tgt Ion: 82 Resp: 460961
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 53.993 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:139 Resp: 127724
Ion Ratio Lower Upper
139 100
109 33.8 28.0 42.0
65 54.0 44.6 67.0

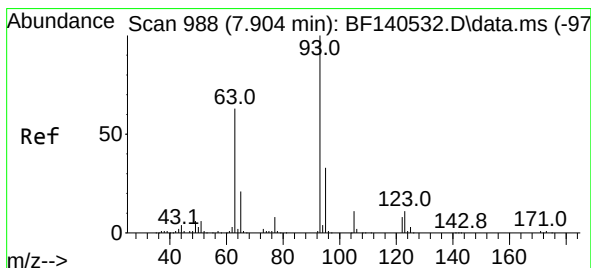
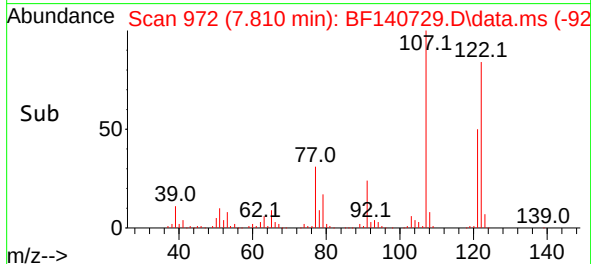
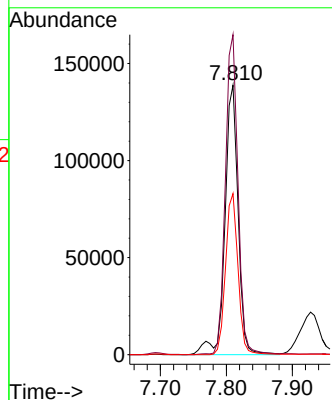
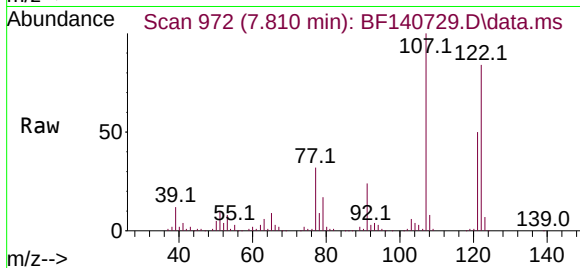




#27
2,4-Dimethylphenol
Concen: 68.271 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

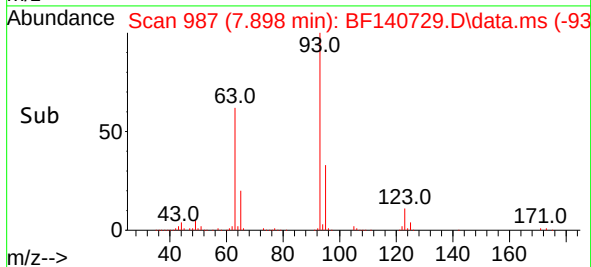
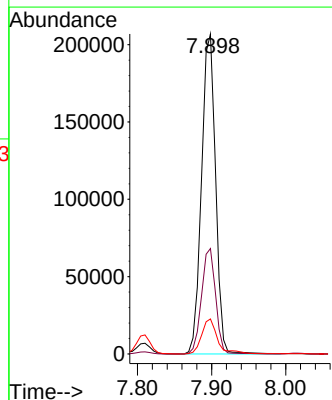
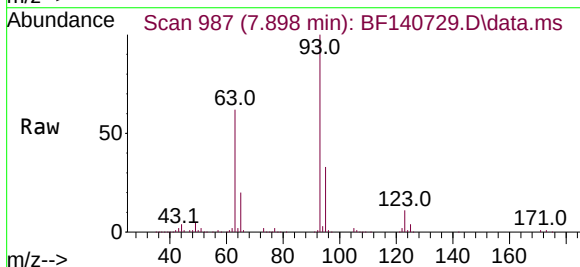
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

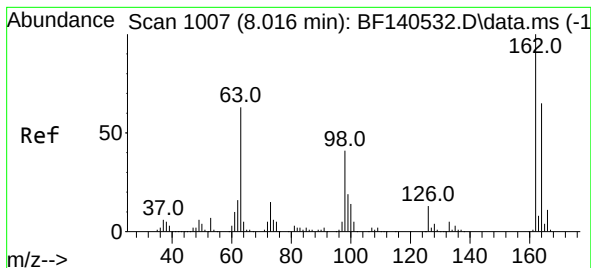
Tgt Ion:122 Resp: 193230
Ion Ratio Lower Upper
122 100
107 118.8 96.8 145.2
121 59.8 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 51.927 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion: 93 Resp: 272512
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.0 9.1 13.7

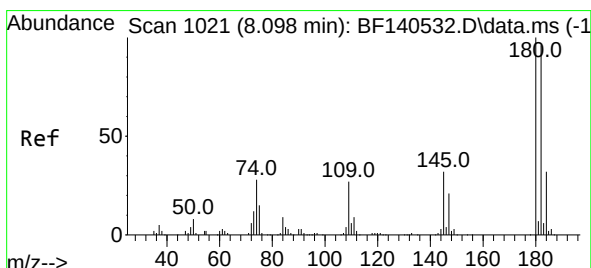
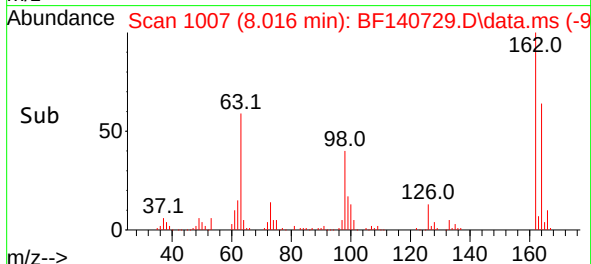
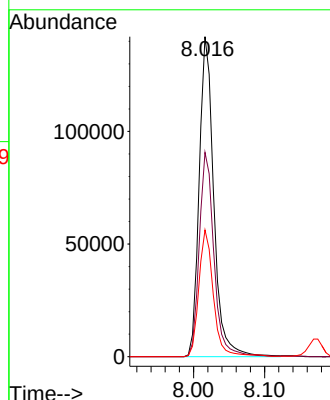
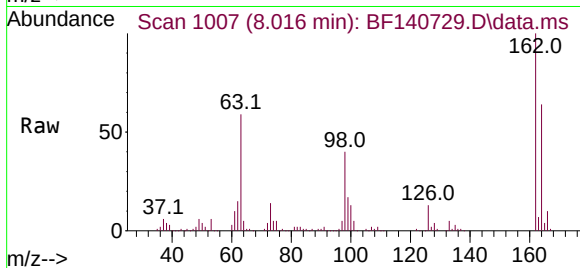




#29
2,4-Dichlorophenol
Concen: 54.393 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

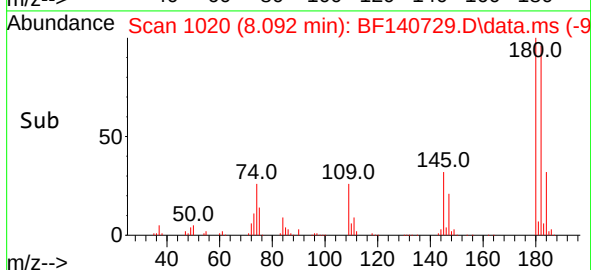
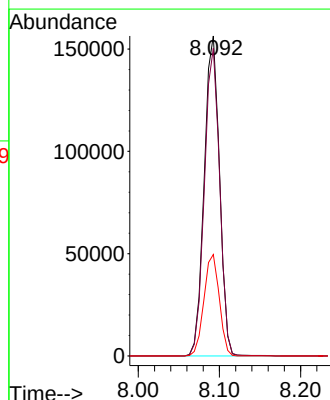
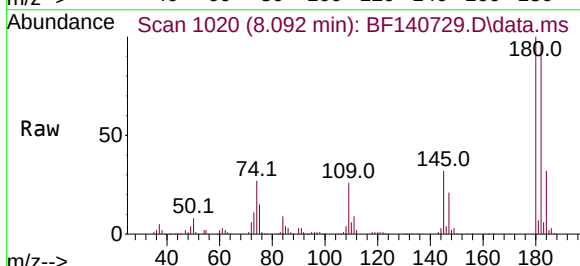
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

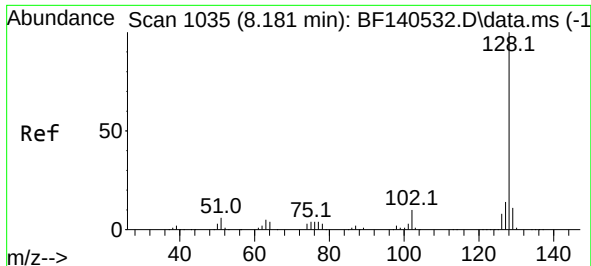
Tgt Ion:162 Resp: 203998
Ion Ratio Lower Upper
162 100
164 63.8 44.8 84.8
98 39.6 21.2 61.2



#30
1,2,4-Trichlorobenzene
Concen: 47.828 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:180 Resp: 204808
Ion Ratio Lower Upper
180 100
182 96.2 76.4 114.6
145 31.7 25.9 38.9

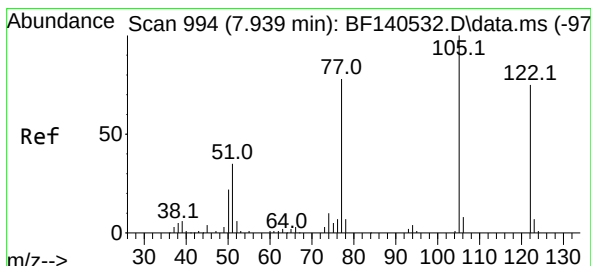
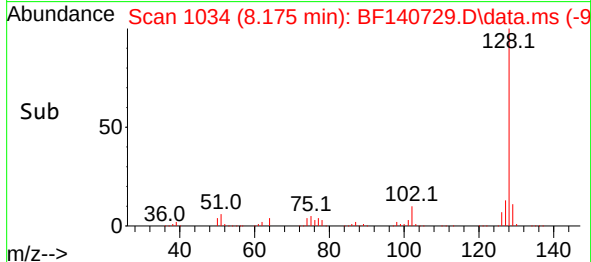
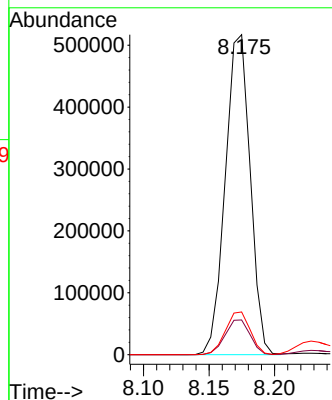
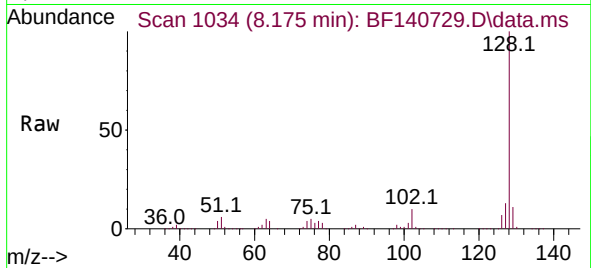




#31
Naphthalene
Concen: 50.250 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

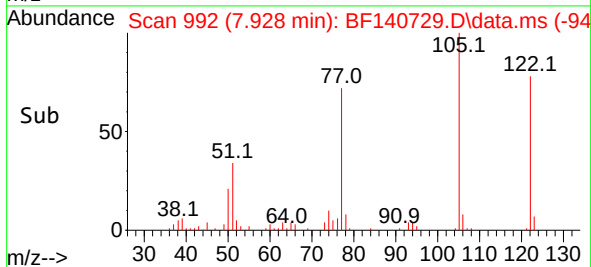
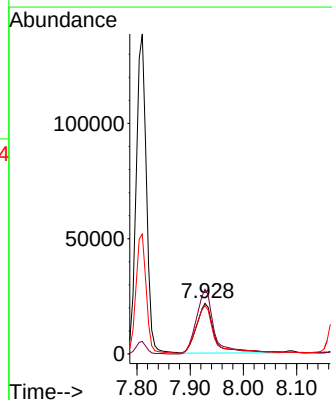
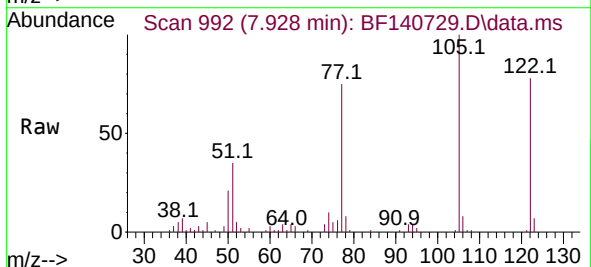
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

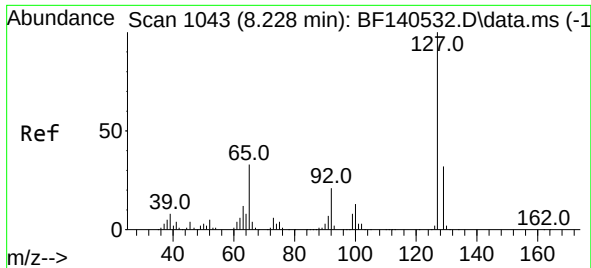
Tgt Ion:128 Resp: 683791
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 24.460 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:122 Resp: 50027
Ion Ratio Lower Upper
122 100
105 127.7 109.3 149.3
77 95.7 82.3 122.3

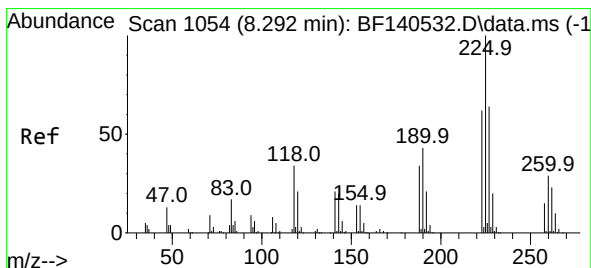
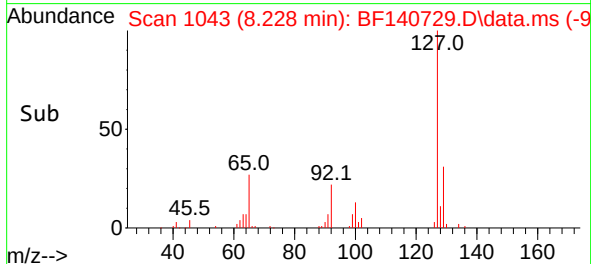
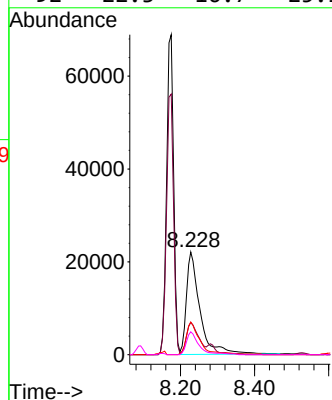
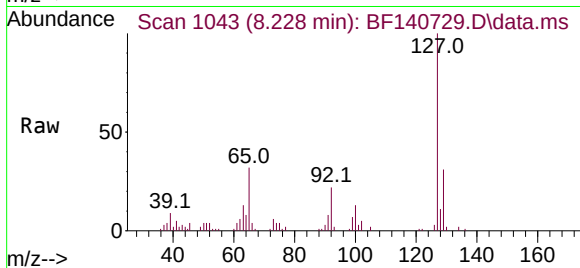




#33
4-Chloroaniline
Concen: 13.793 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

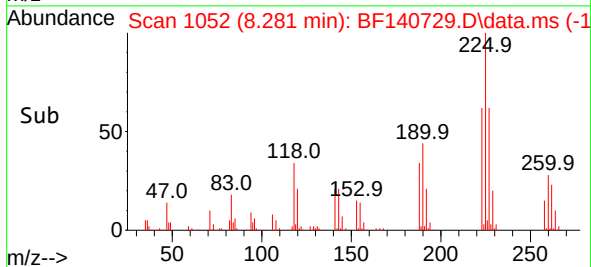
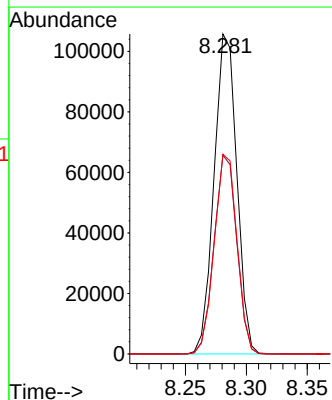
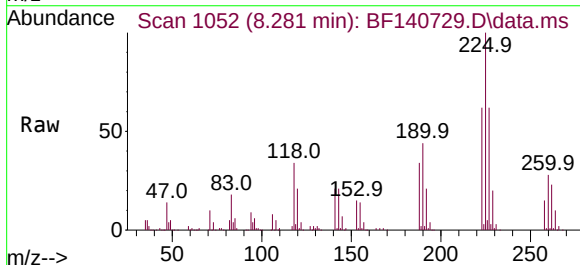
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

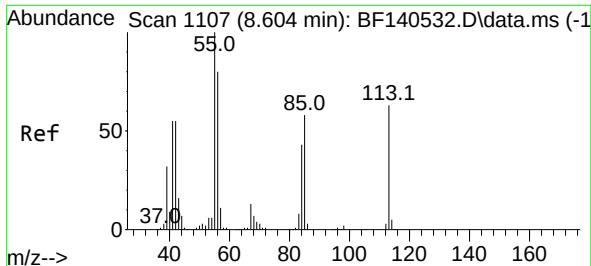
Tgt Ion:	127	Resp:	56195
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	31.8	26.0	39.0
92	22.3	16.7	25.1



#34
Hexachlorobutadiene
Concen: 48.463 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:	225	Resp:	137455
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.8
227	62.4	51.3	76.9

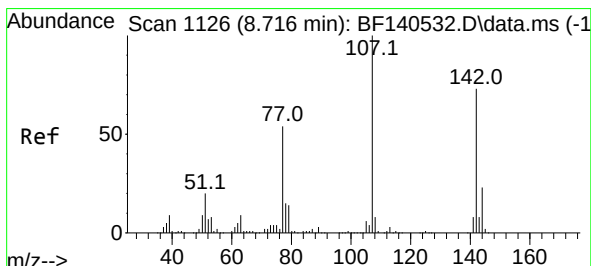
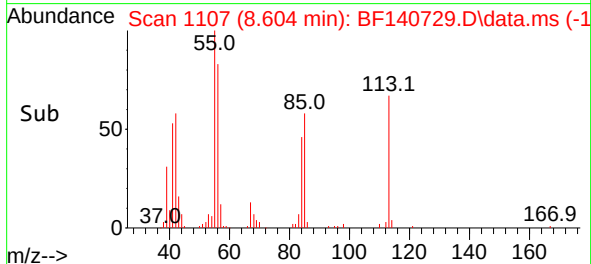
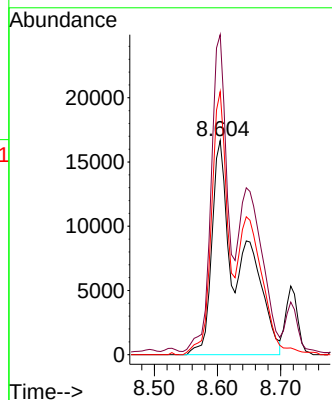
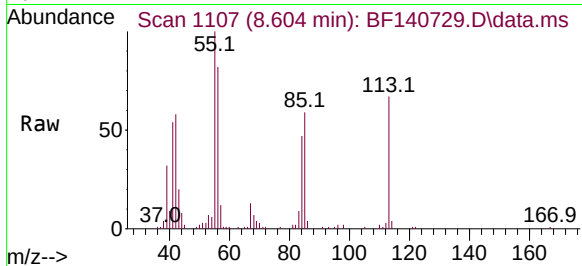




#35
 Caprolactam
 Concen: 44.740 ng m
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF140729.D
 Acq: 04 Dec 2024 16:28

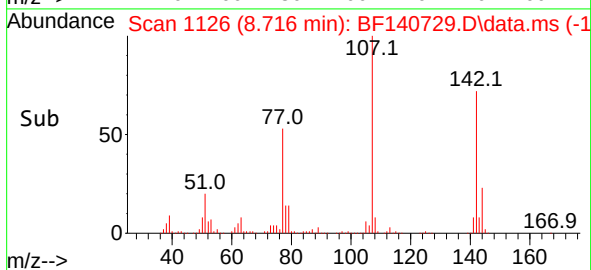
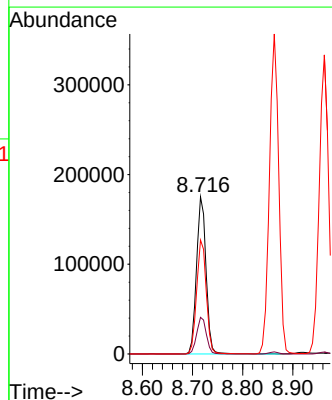
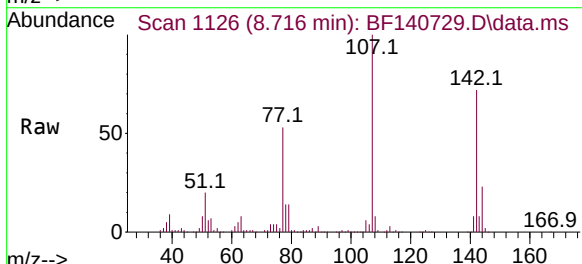
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-50MS

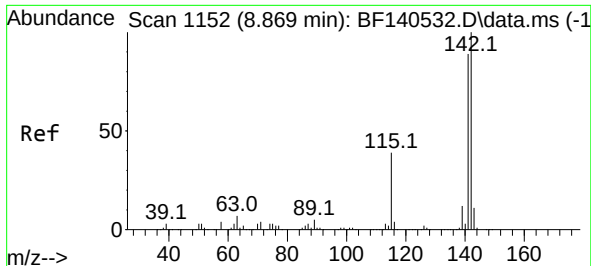
Tgt Ion:113 Resp: 51927
 Ion Ratio Lower Upper
 113 100
 55 149.5 137.7 177.7
 56 122.9 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 55.011 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140729.D
 Acq: 04 Dec 2024 16:28

Tgt Ion:107 Resp: 230997
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 72.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 53.242 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

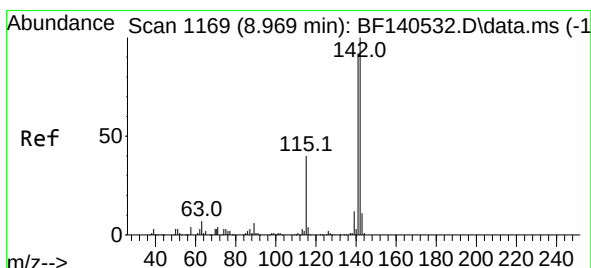
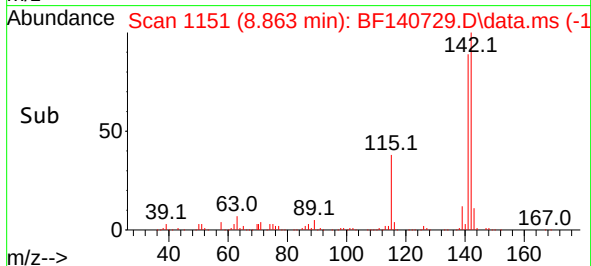
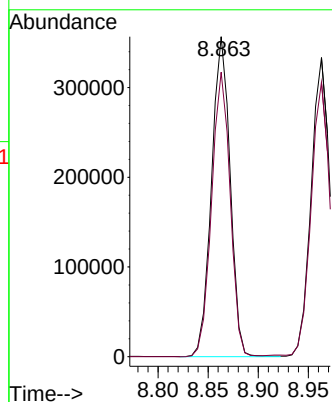
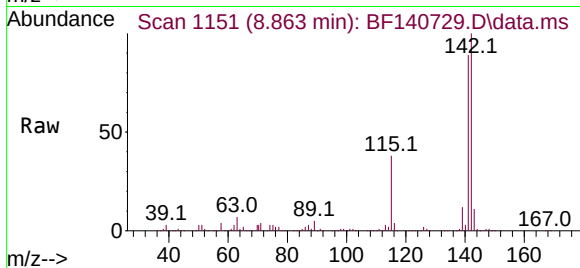
OR-640-COMP-50MS

Tgt Ion:142 Resp: 460171

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 50.472 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140729.D

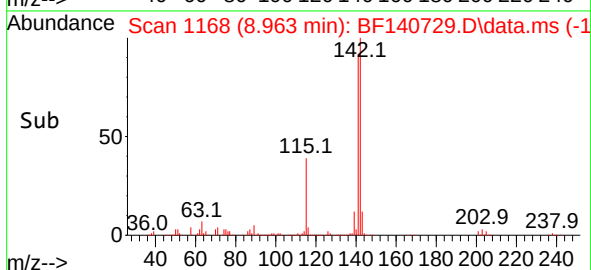
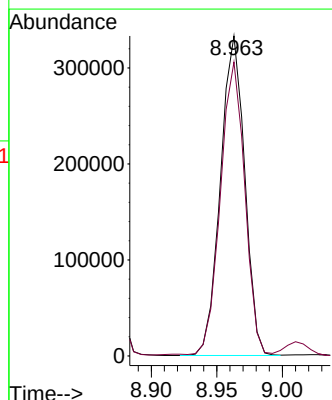
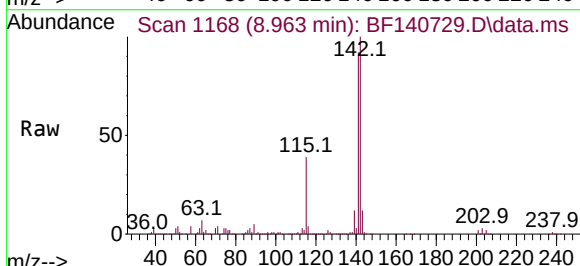
Acq: 04 Dec 2024 16:28

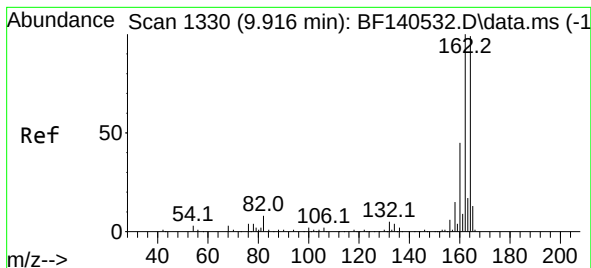
Tgt Ion:142 Resp: 427596

Ion Ratio Lower Upper

142 100

141 91.9 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

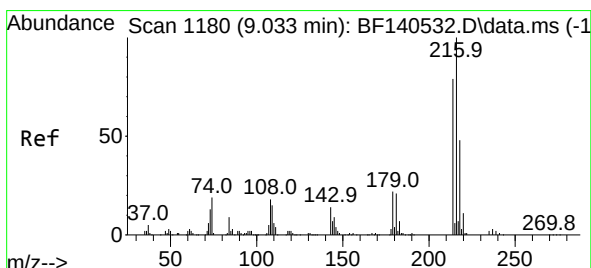
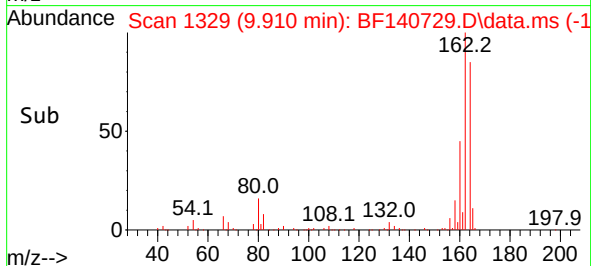
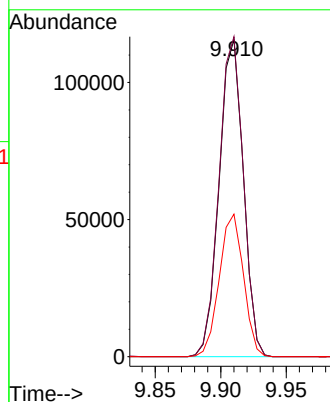
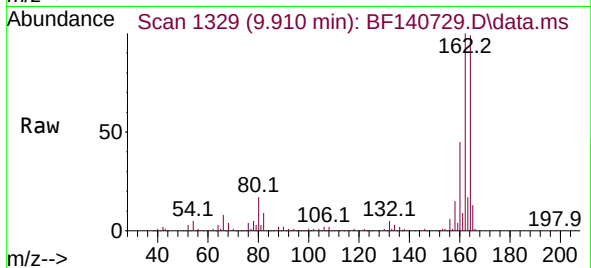
Tgt Ion:164 Resp: 148306

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

160 45.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.178 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Tgt Ion:216 Resp: 226541

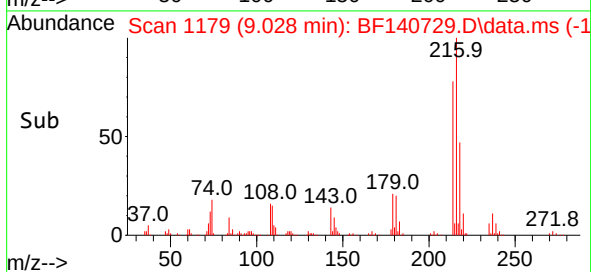
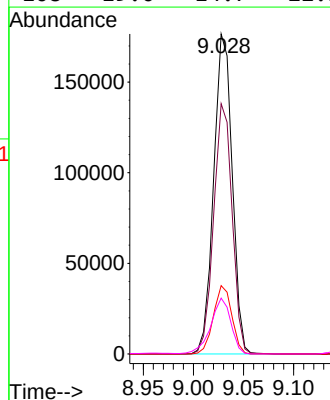
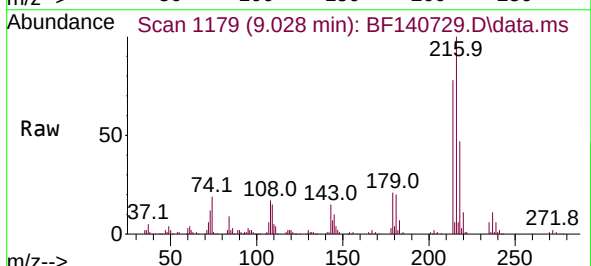
Ion Ratio Lower Upper

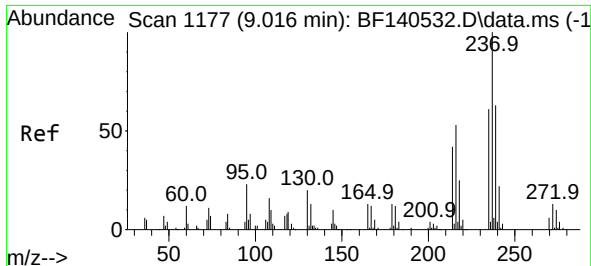
216 100

214 78.0 63.0 94.4

179 21.2 17.5 26.3

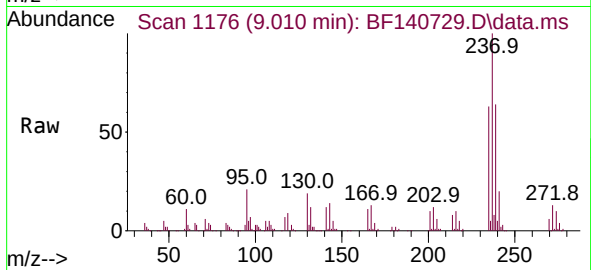
108 19.0 14.7 22.1



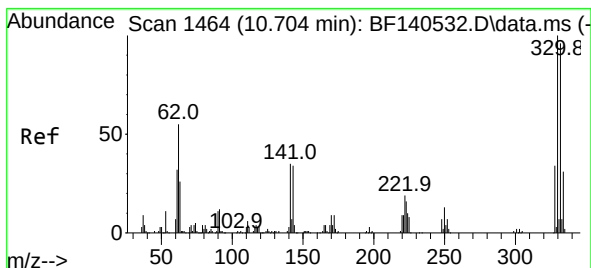
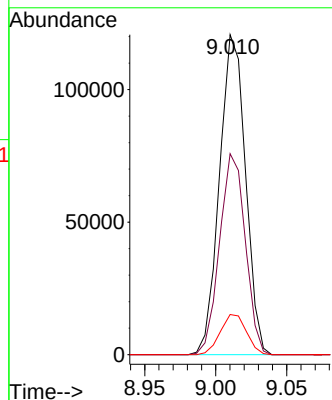
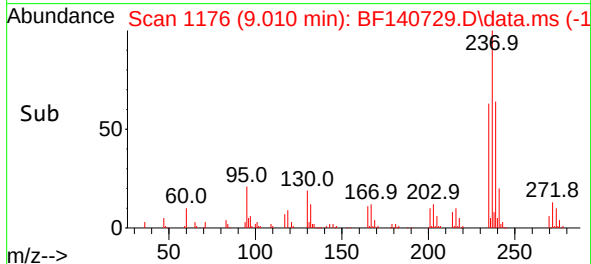


#41
Hexachlorocyclopentadiene
Concen: 150.532 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

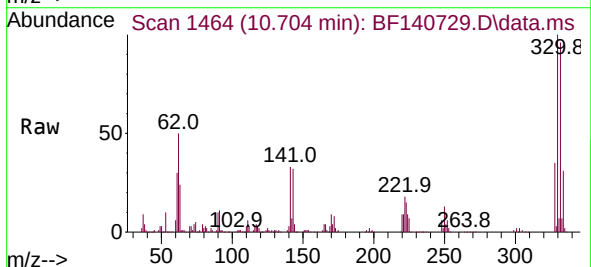
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS



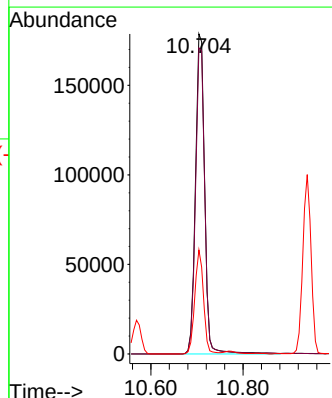
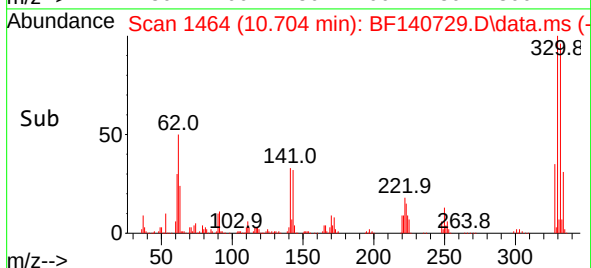
Tgt Ion:237 Resp: 153809
Ion Ratio Lower Upper
237 100
235 62.8 41.1 81.1
272 12.6 0.0 32.6

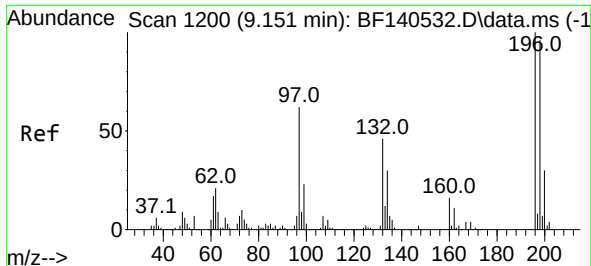


#42
2,4,6-Tribromophenol
Concen: 155.802 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28



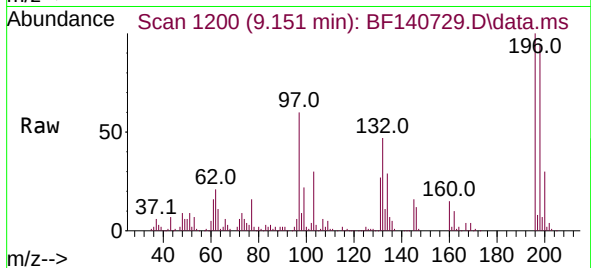
Tgt Ion:330 Resp: 247124
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 30.9 26.7 40.1



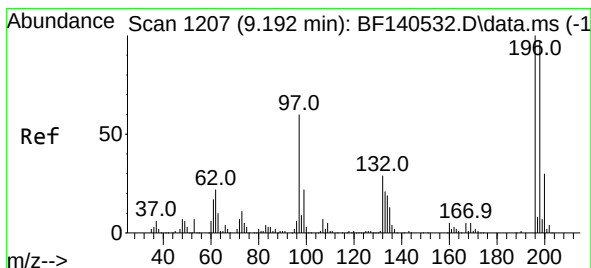
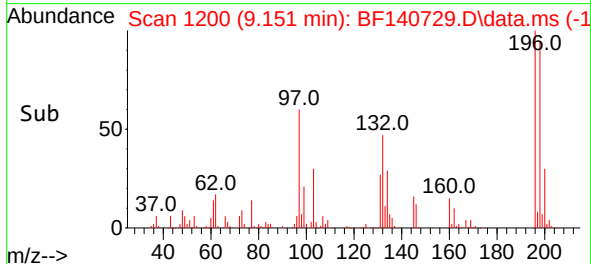
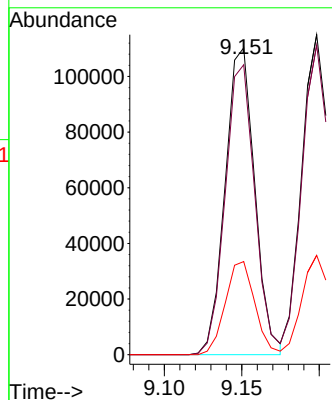


#43
2,4,6-Trichlorophenol
Concen: 53.862 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

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

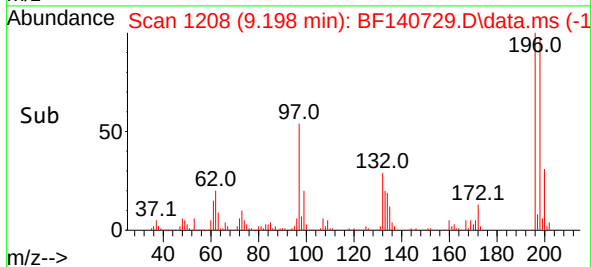
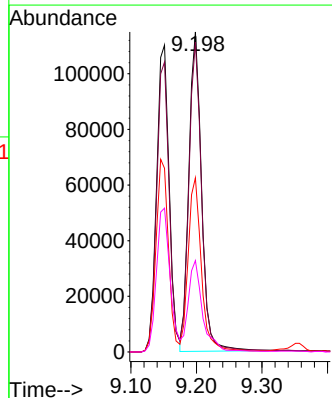
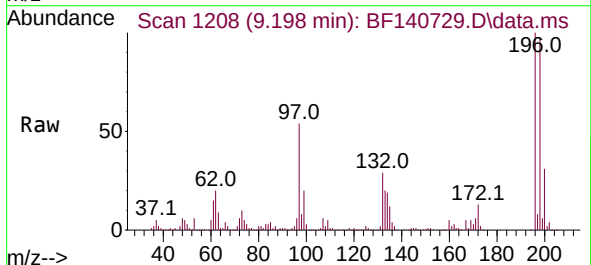


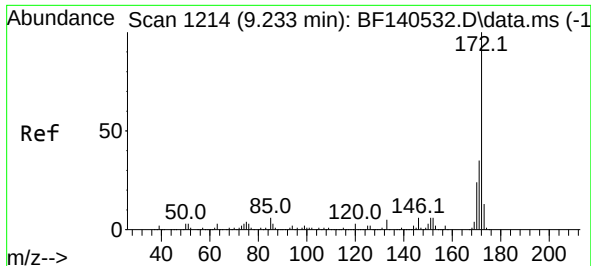
Tgt Ion:196 Resp: 146739
Ion Ratio Lower Upper
196 100
198 94.5 76.8 115.2
200 30.4 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 52.221 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:196 Resp: 154401
Ion Ratio Lower Upper
196 100
198 96.8 77.2 115.8
97 54.4 47.1 70.7
132 28.5 24.1 36.1

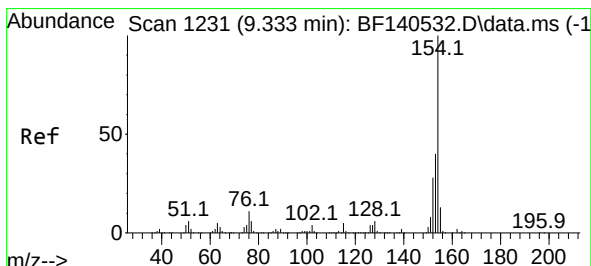
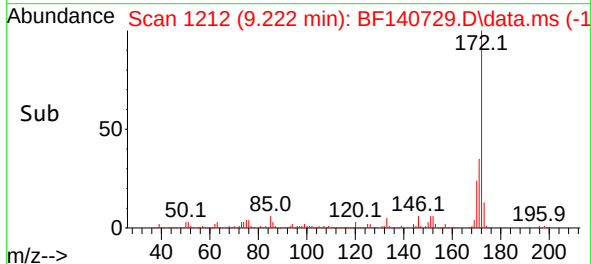
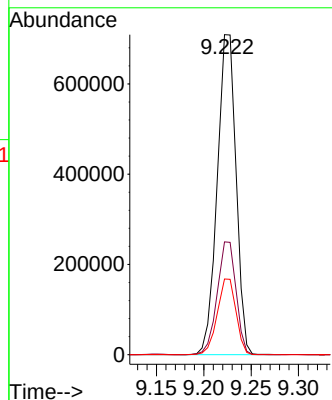
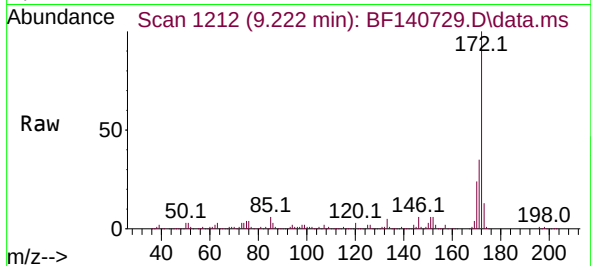




#45
2-Fluorobiphenyl
Concen: 98.677 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

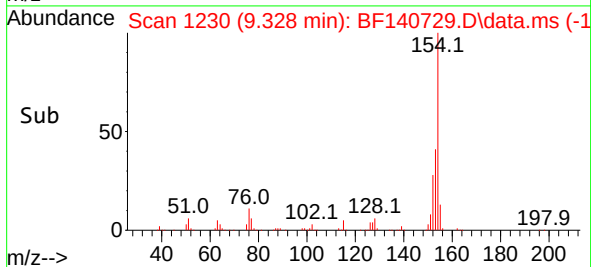
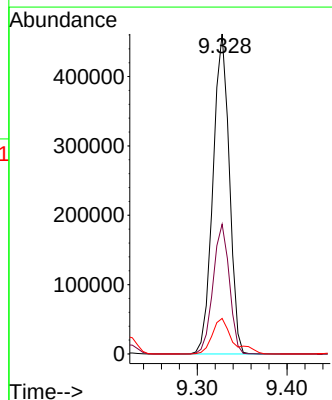
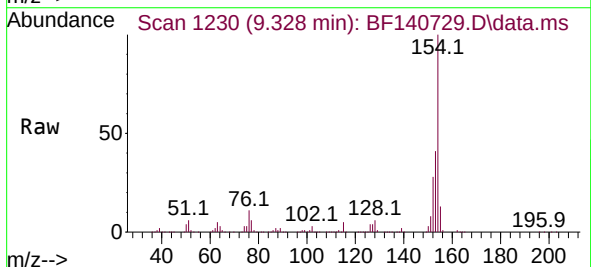
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

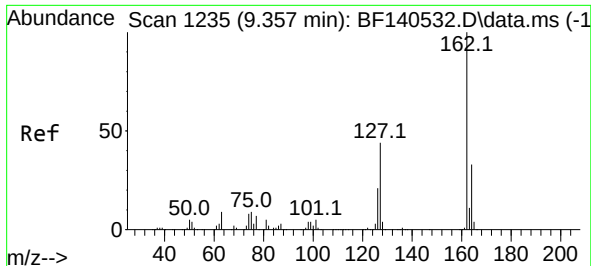
Tgt Ion:172 Resp: 982212
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 52.719 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:154 Resp: 583740
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.1 0.0 31.2

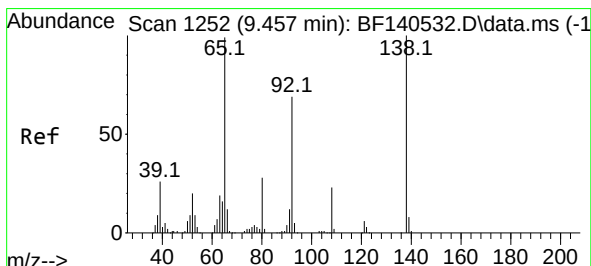
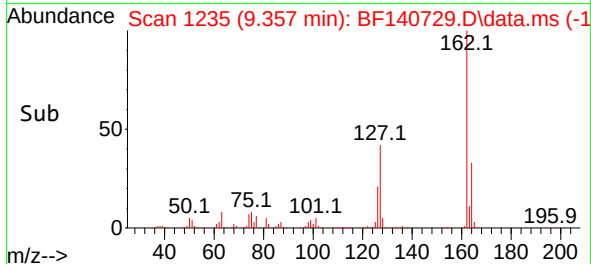
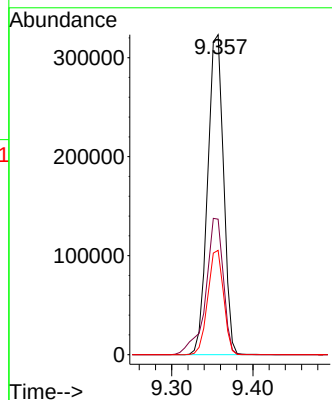
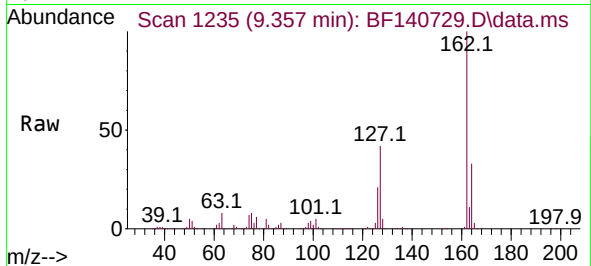




#47
2-Chloronaphthalene
Concen: 52.230 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

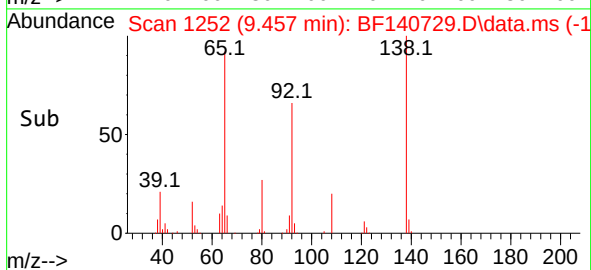
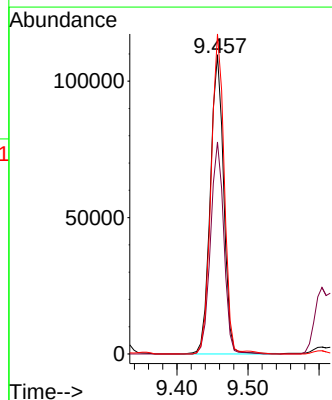
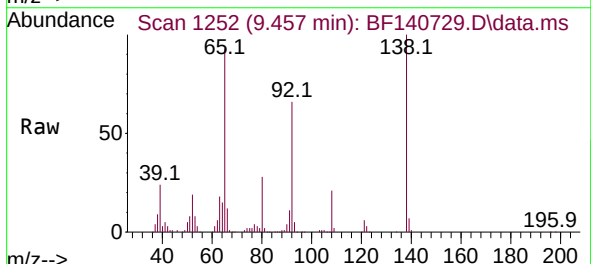
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

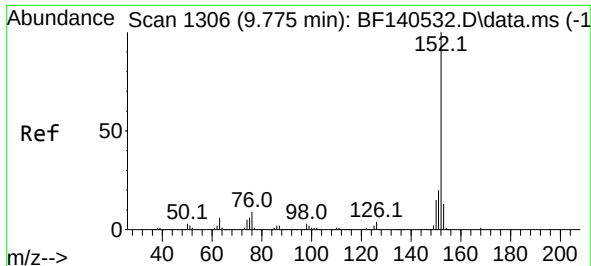
Tgt Ion:162 Resp: 438206
Ion Ratio Lower Upper
162 100
127 42.4 35.7 53.5
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 53.239 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion: 65 Resp: 143375
Ion Ratio Lower Upper
65 100
92 70.9 56.1 84.1
138 107.0 81.0 121.6

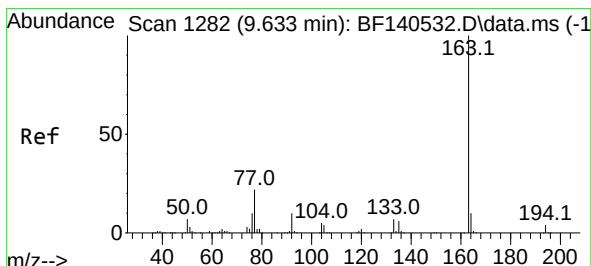
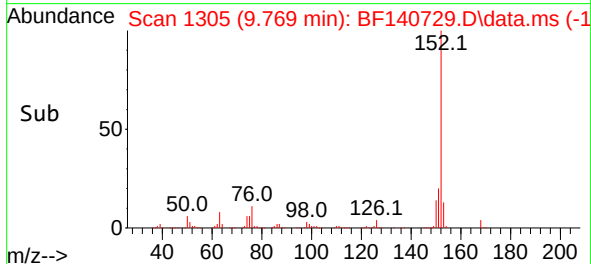
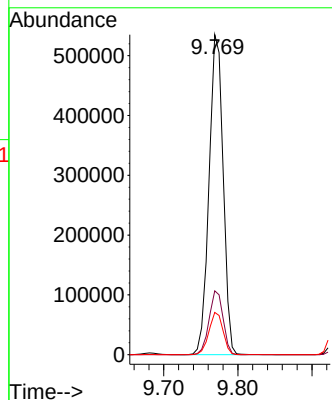
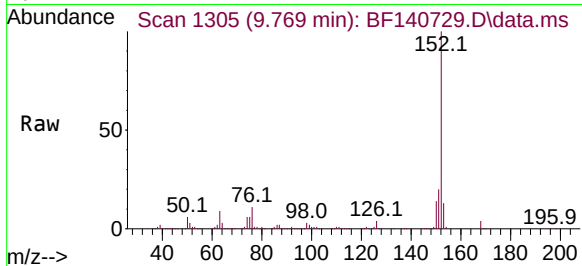




#49
Acenaphthylene
Concen: 55.778 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

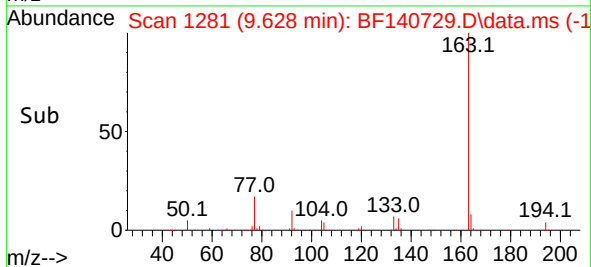
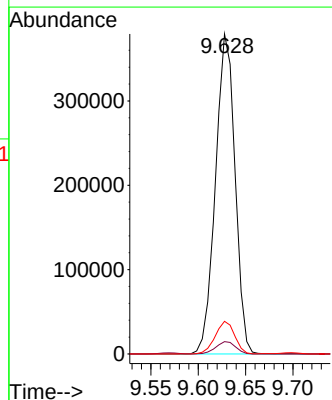
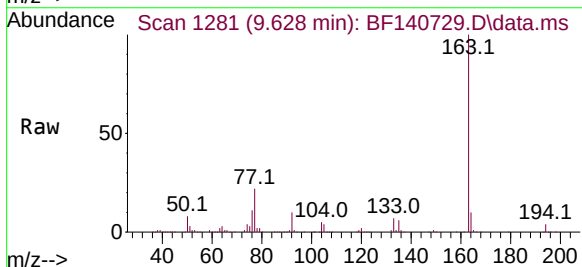
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

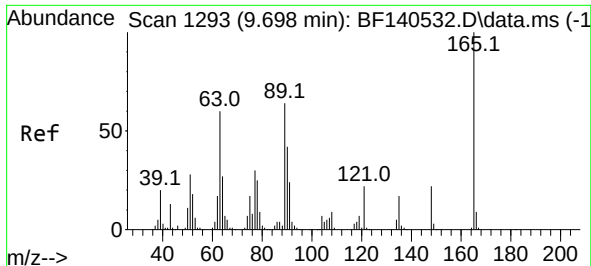
Tgt Ion:152 Resp: 707085
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 55.880 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:163 Resp: 545802
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.2

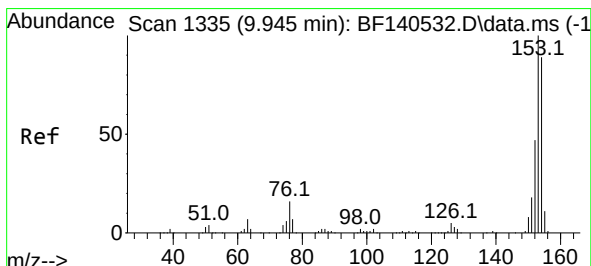
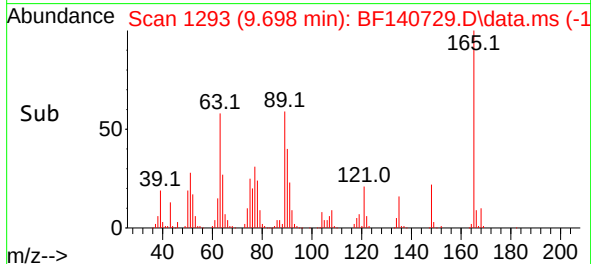
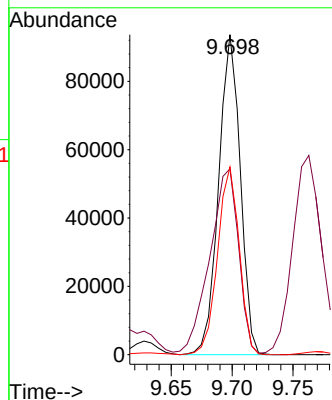
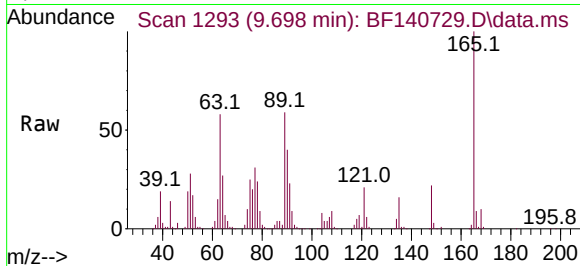




#51
2,6-Dinitrotoluene
Concen: 52.204 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

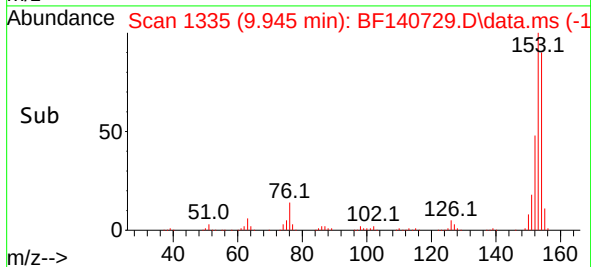
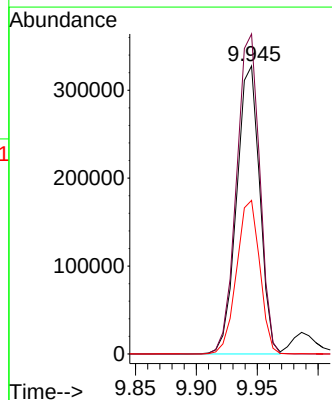
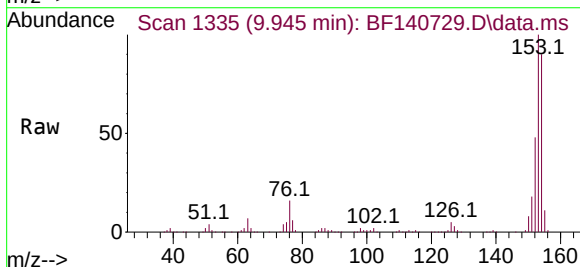
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

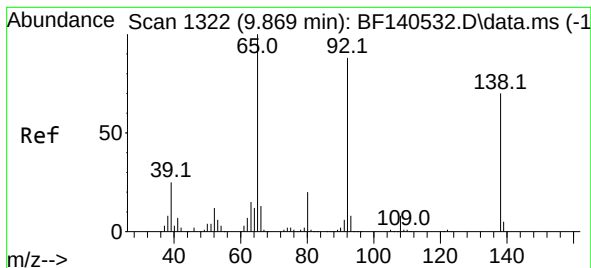
Tgt Ion:165 Resp: 115642
Ion Ratio Lower Upper
165 100
63 58.1 49.9 74.9
89 58.7 50.9 76.3



#52
Acenaphthene
Concen: 53.695 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:154 Resp: 432495
Ion Ratio Lower Upper
154 100
153 111.1 89.7 134.5
152 53.4 42.5 63.7





#53

3-Nitroaniline

Concen: 21.352 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

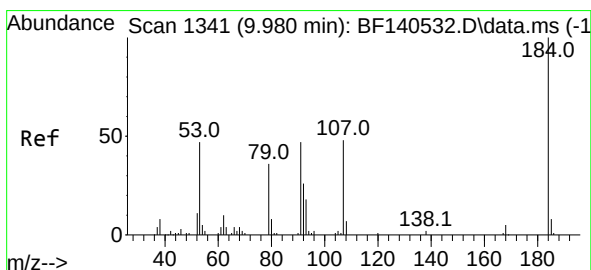
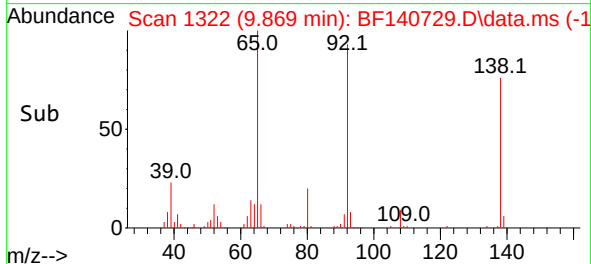
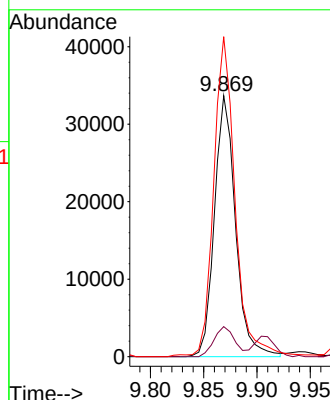
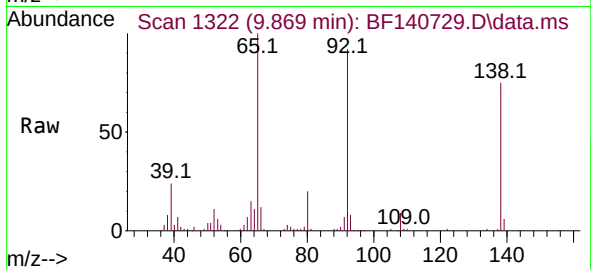
Tgt Ion:138 Resp: 46261

Ion Ratio Lower Upper

138 100

108 11.5 9.2 13.8

92 122.6 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 51.830 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

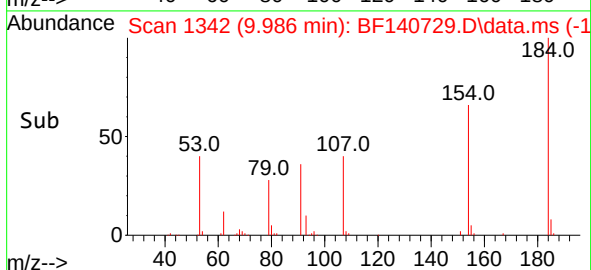
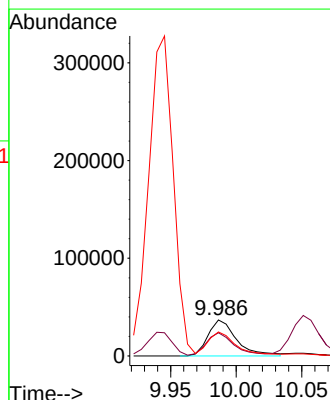
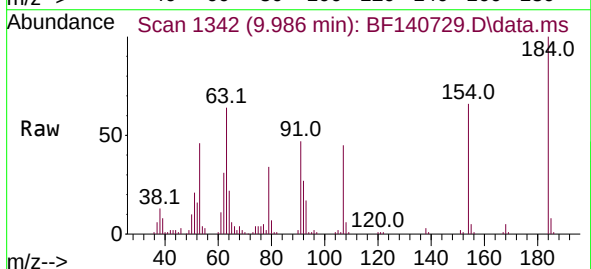
Tgt Ion:184 Resp: 55960

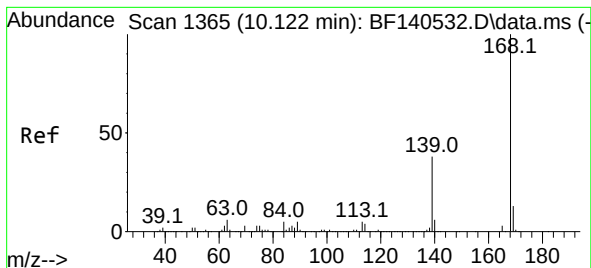
Ion Ratio Lower Upper

184 100

63 64.4 54.1 81.1

154 66.4 57.4 86.0





#55

Dibenzenofuran

Concen: 53.686 ng

RT: 10.116 min Scan# 1365

Delta R.T. -0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

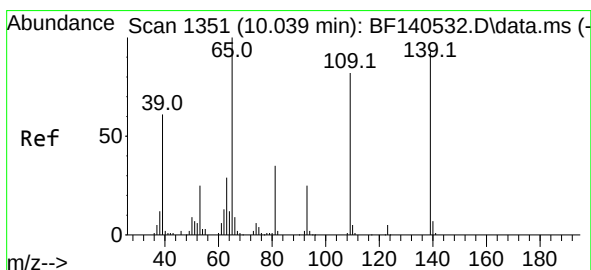
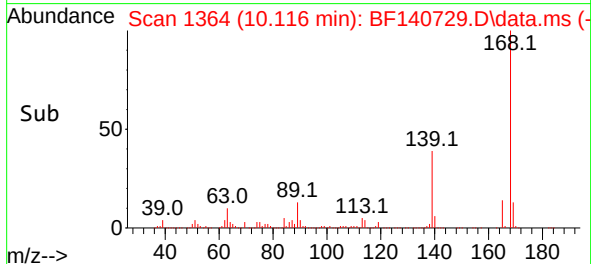
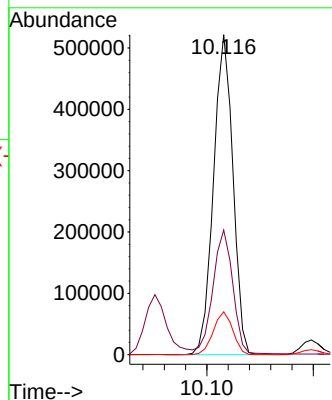
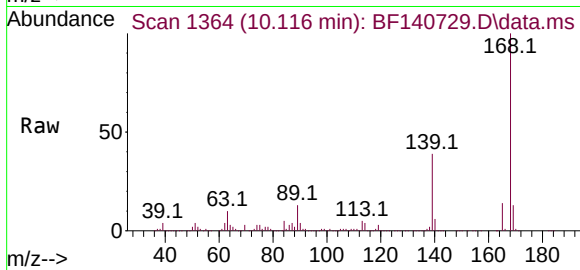
Tgt Ion:168 Resp: 659582

Ion Ratio Lower Upper

168 100

139 38.9 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 94.883 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

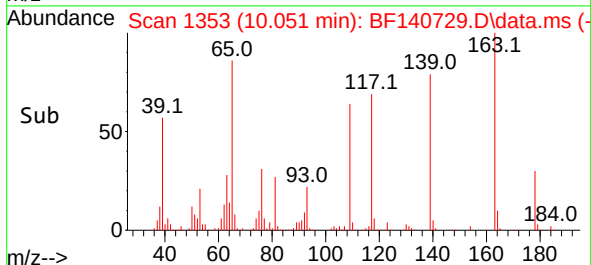
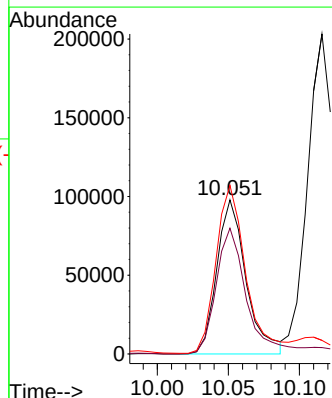
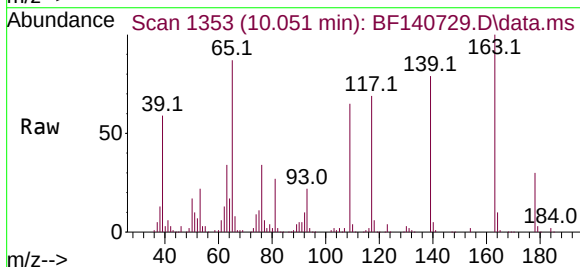
Tgt Ion:139 Resp: 140197

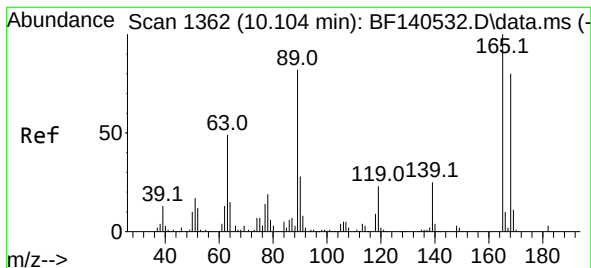
Ion Ratio Lower Upper

139 100

109 81.6 68.4 108.4

65 109.5 88.6 128.6

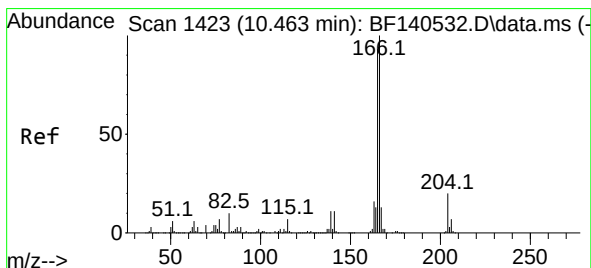
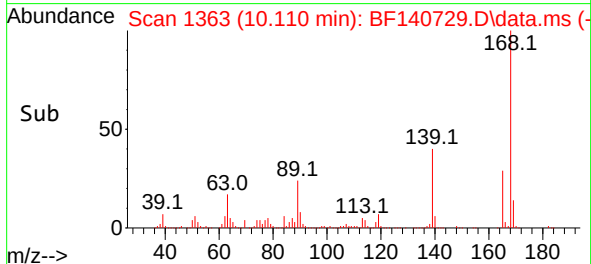
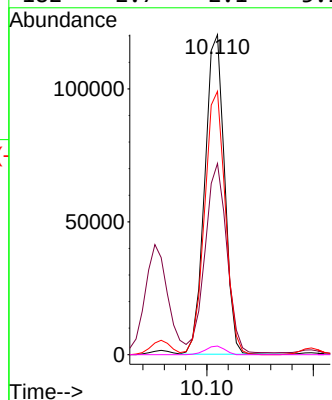
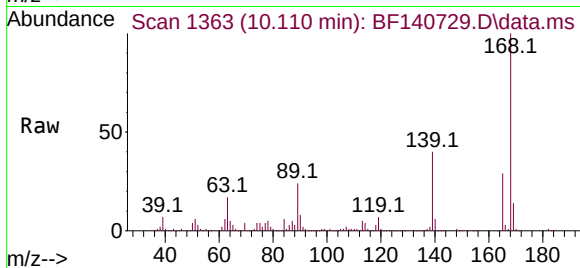




#57
2,4-Dinitrotoluene
Concen: 52.681 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

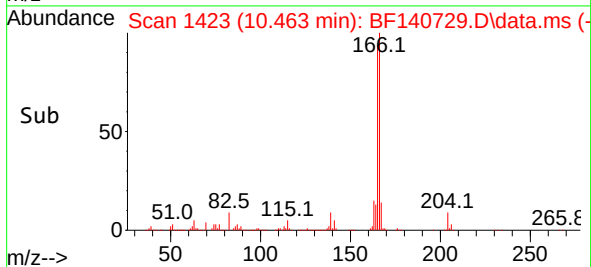
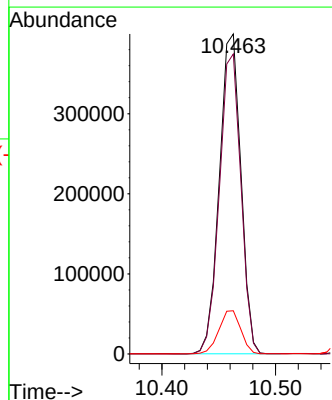
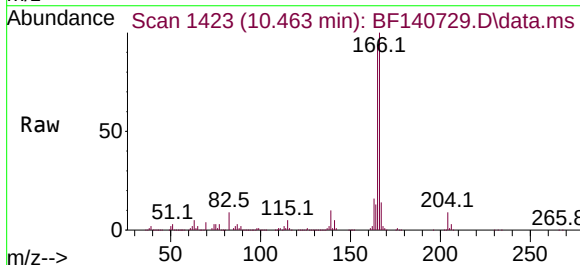
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

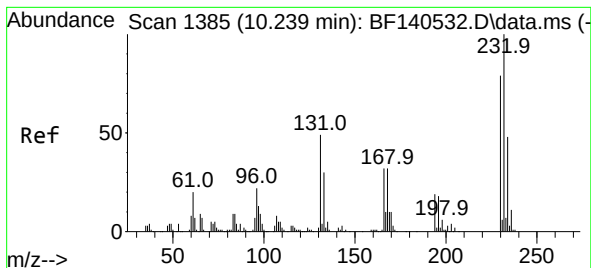
Tgt Ion:165 Resp: 155096
Ion Ratio Lower Upper
165 100
63 59.8 41.7 62.5
89 82.3 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 53.336 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:166 Resp: 525983
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.5 10.6 16.0

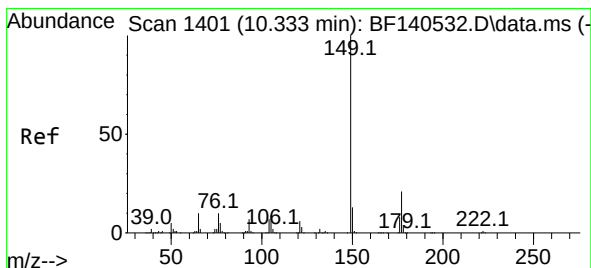
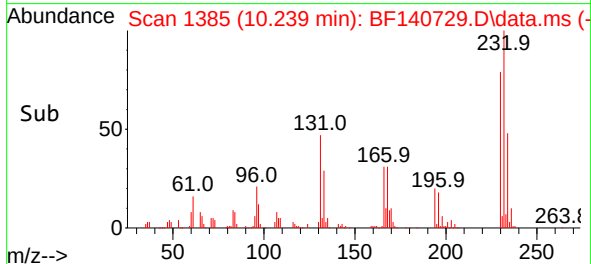
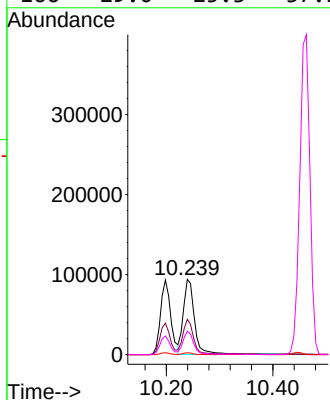
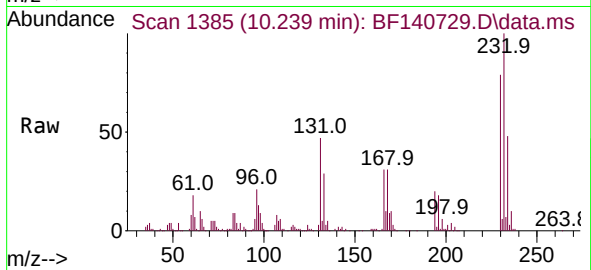




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.893 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

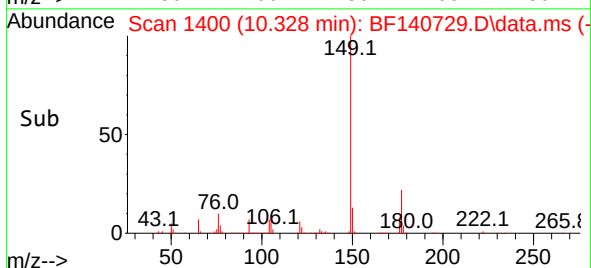
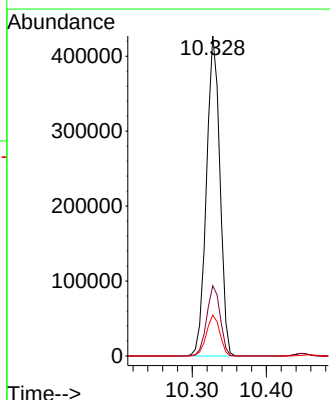
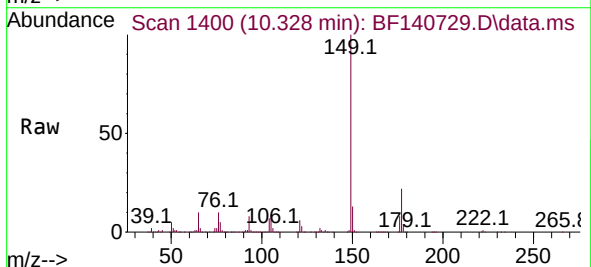
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

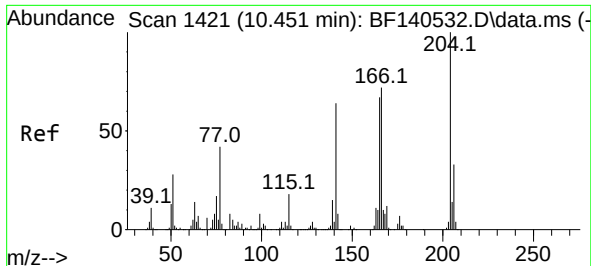
Tgt Ion:232 Resp: 136097
Ion Ratio Lower Upper
232 100
131 44.0 39.6 59.4
130 2.4 1.9 2.9
166 29.0 25.3 37.9



#60
Diethylphthalate
Concen: 54.131 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:149 Resp: 537187
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.8 10.1 15.1

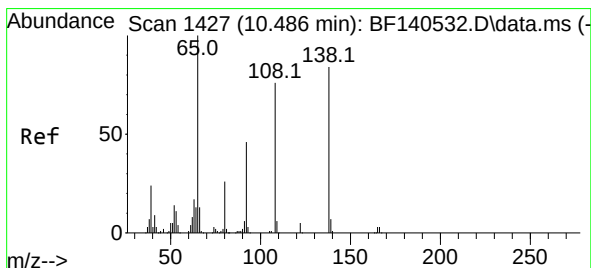
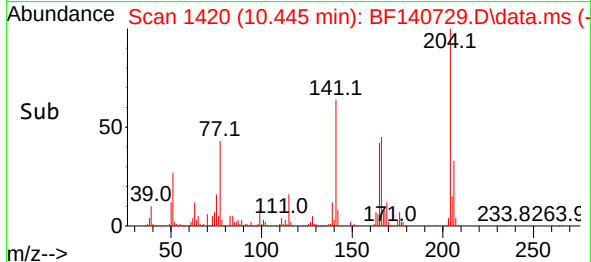
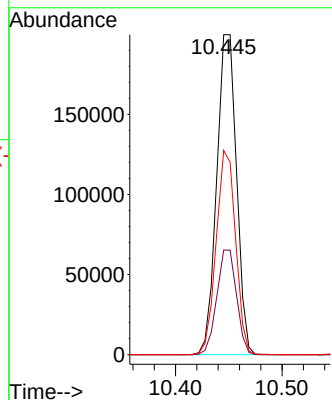
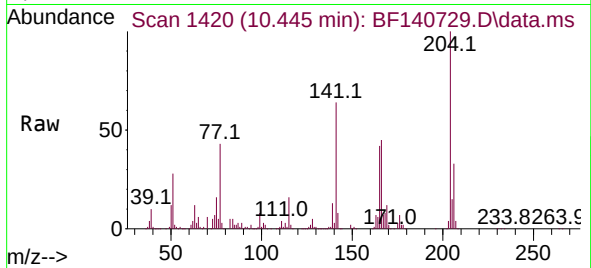




#61
4-Chlorophenyl-phenylether
Concen: 53.322 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

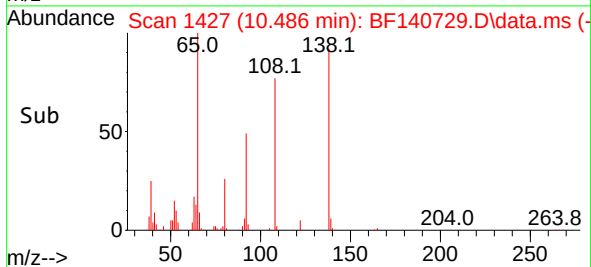
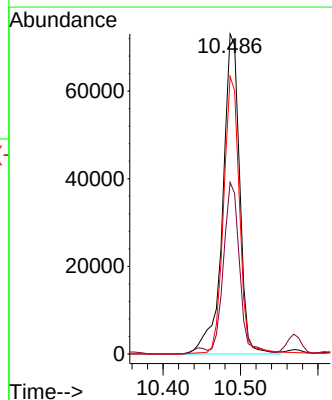
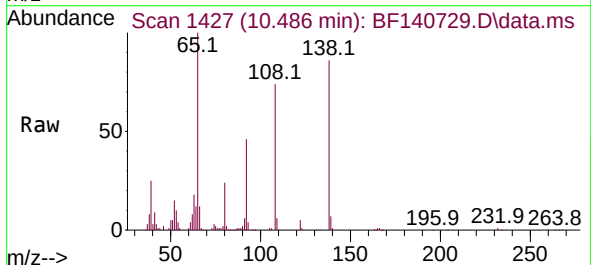
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

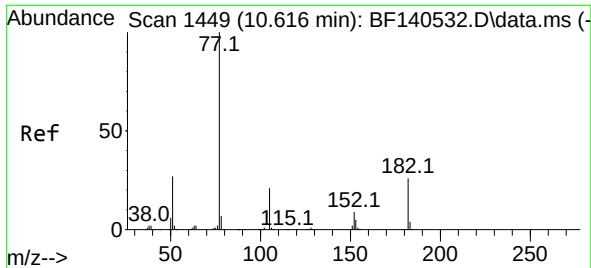
Tgt Ion:204 Resp: 258058
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 63.8 51.1 76.7



#62
4-Nitroaniline
Concen: 48.917 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:138 Resp: 111154
Ion Ratio Lower Upper
138 100
92 53.6 34.5 74.5
108 86.7 70.6 110.6

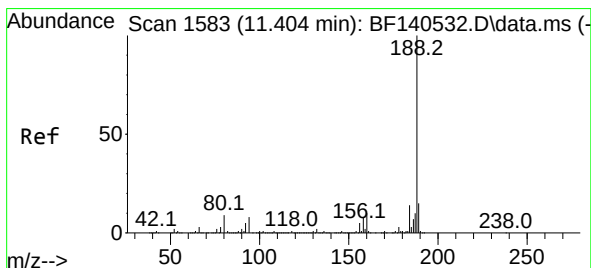
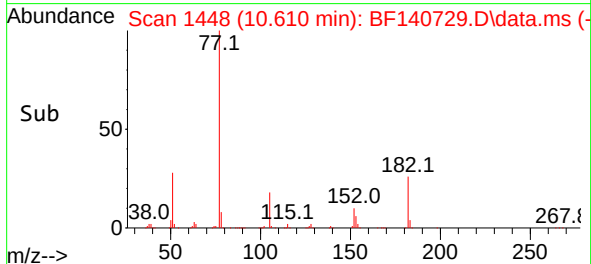
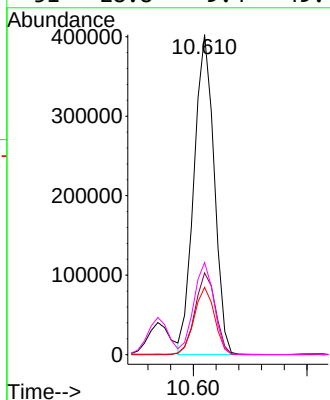
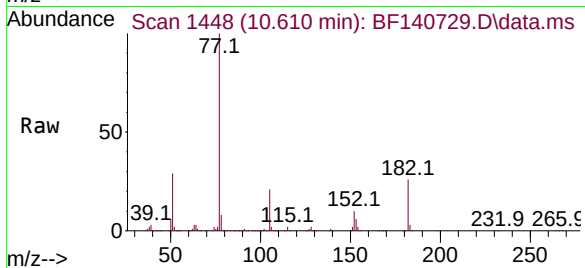




#63
Azobenzene
Concen: 52.819 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

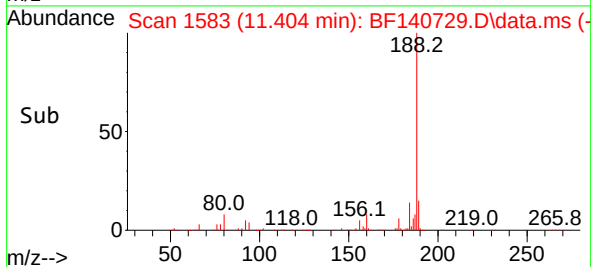
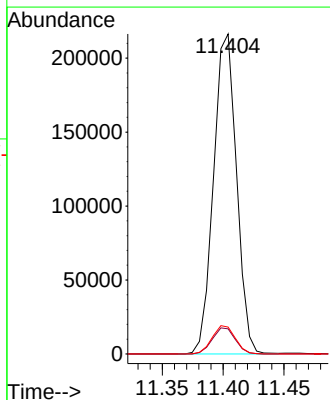
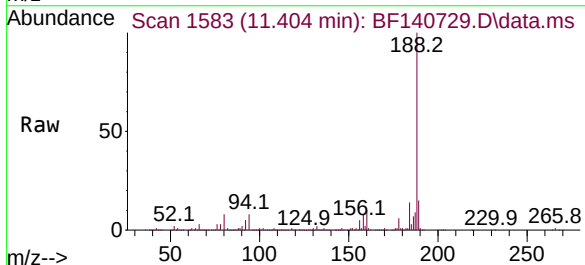
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

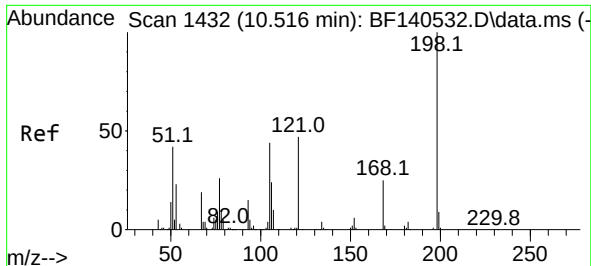
Tgt Ion: 77	Resp: 496383
Ion Ratio	Lower Upper
77 100	
182 25.6	5.3 45.3
105 21.1	0.3 40.3
51 28.8	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:188	Resp: 284692
Ion Ratio	Lower Upper
188 100	
94 7.8	6.4 9.6
80 8.4	6.9 10.3

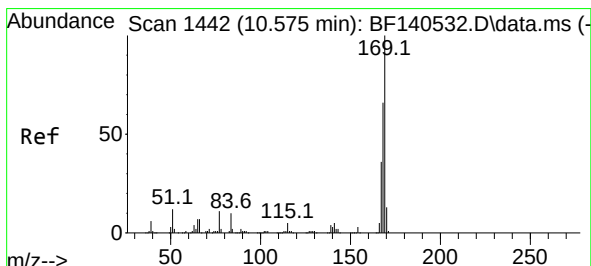
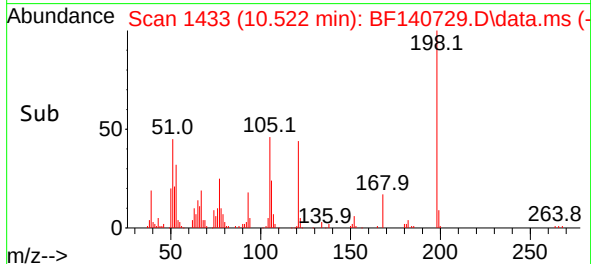
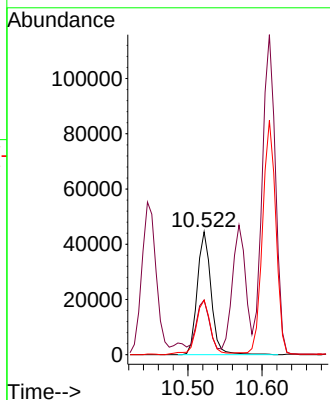
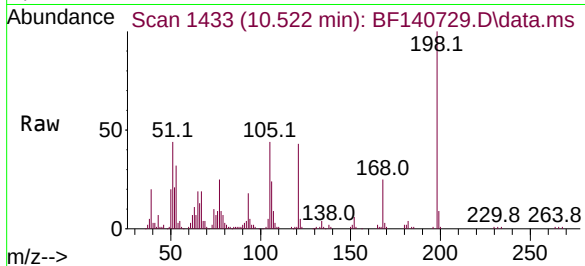




#65
4,6-Dinitro-2-methylphenol
Concen: 39.483 ng
RT: 10.522 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

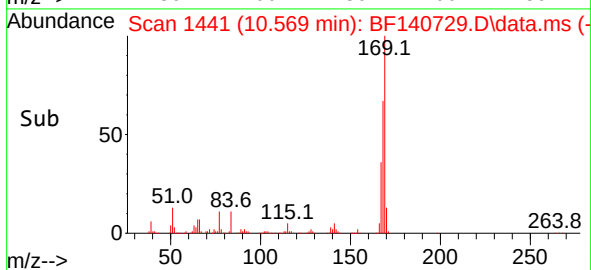
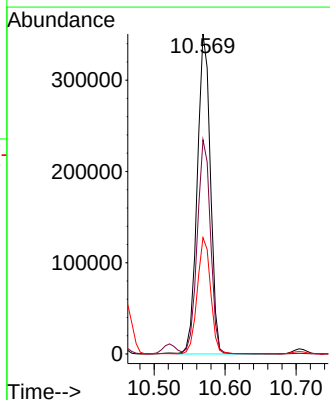
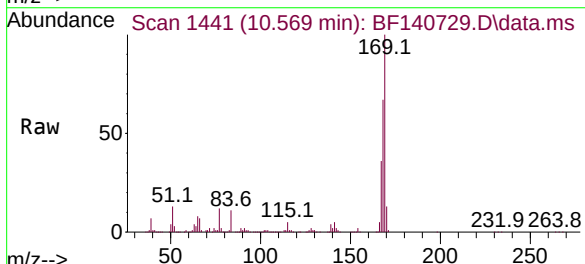
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

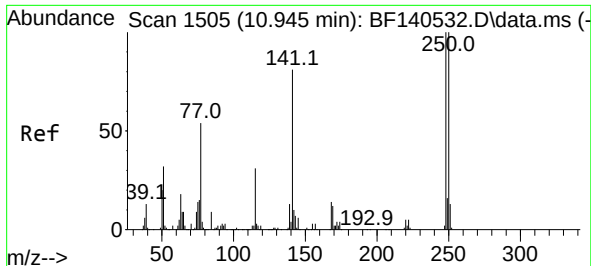
Tgt Ion:198 Resp: 57439
Ion Ratio Lower Upper
198 100
51 44.3 29.4 69.4
105 44.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 53.563 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:169 Resp: 450951
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.4 29.0 43.6

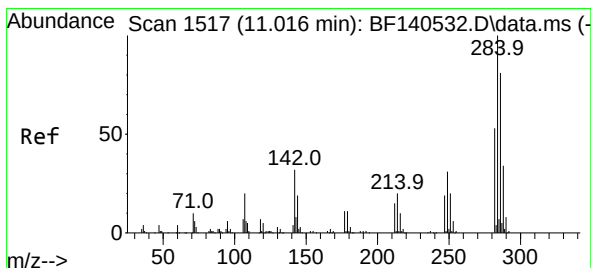
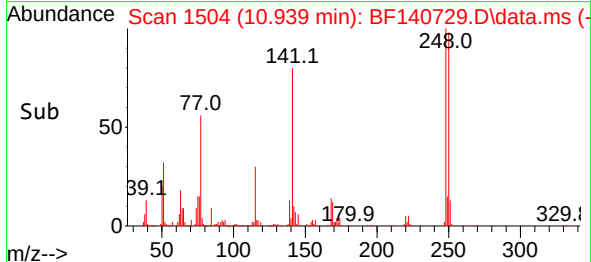
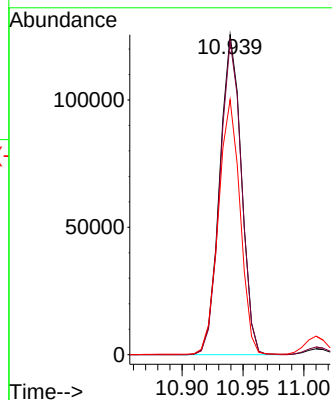
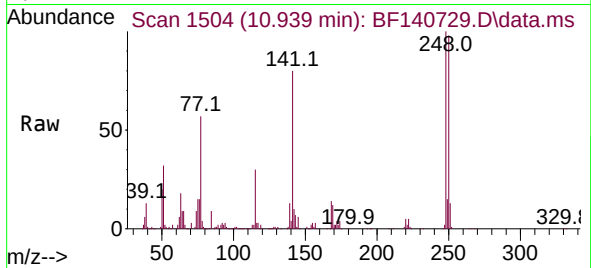




#67
4-Bromophenyl-phenylether
Concen: 52.951 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

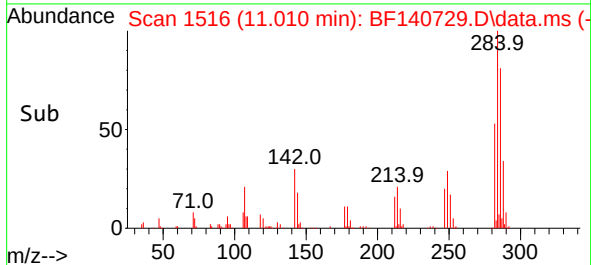
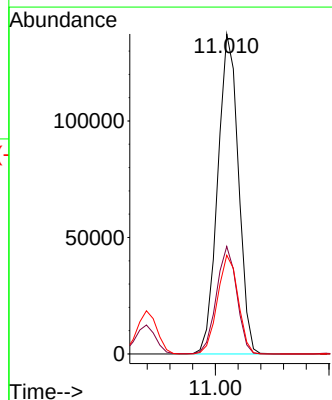
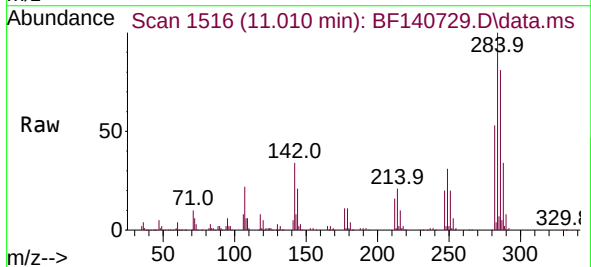
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

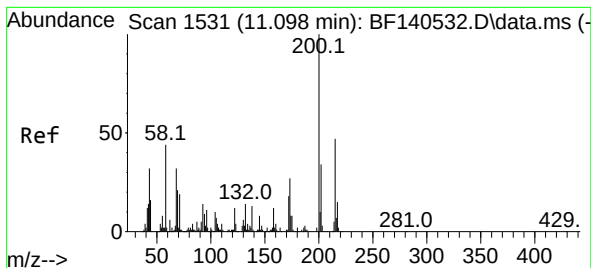
Tgt Ion:248 Resp: 155247
Ion Ratio Lower Upper
248 100
250 98.1 79.8 119.8
141 79.7 64.7 97.1



#68
Hexachlorobenzene
Concen: 51.227 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:284 Resp: 173908
Ion Ratio Lower Upper
284 100
142 33.6 25.3 37.9
249 30.8 24.8 37.2





#69

Atrazine

Concen: 62.817 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

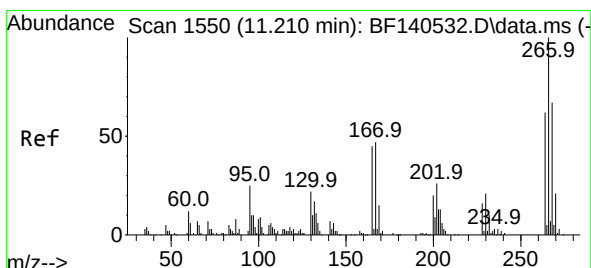
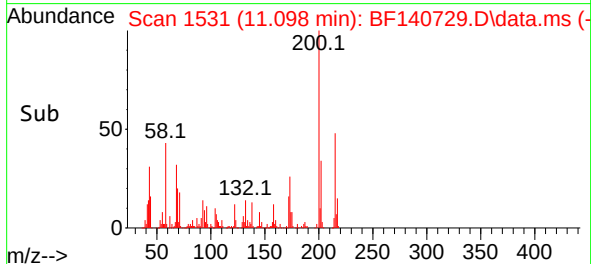
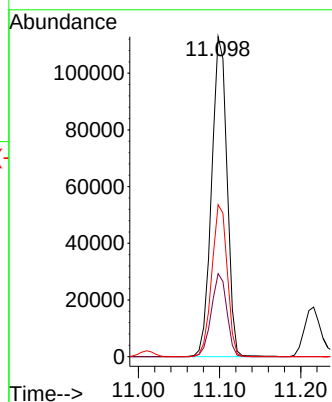
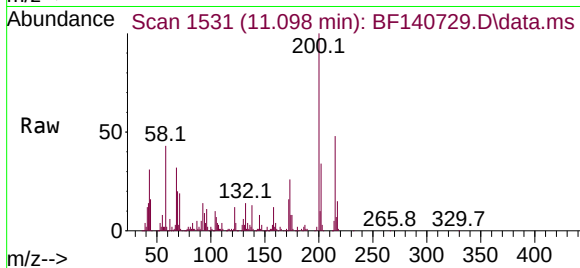
Tgt Ion:200 Resp: 148778

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

215 47.5 26.7 66.7



#70

Pentachlorophenol

Concen: 100.007 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

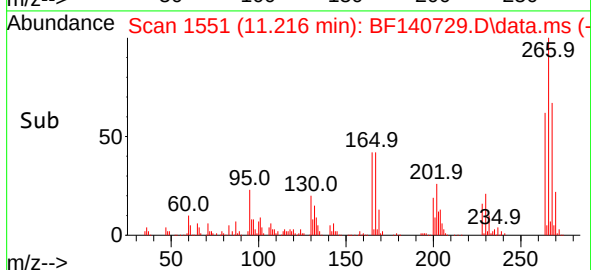
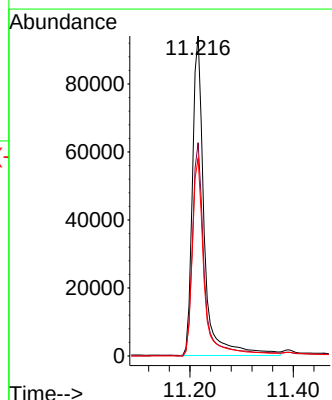
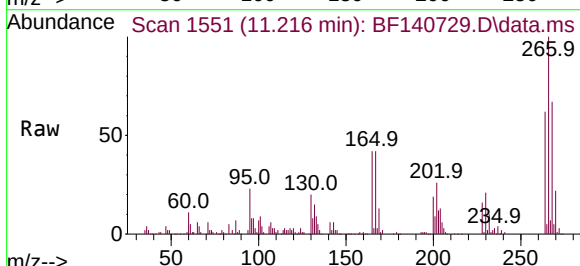
Tgt Ion:266 Resp: 149426

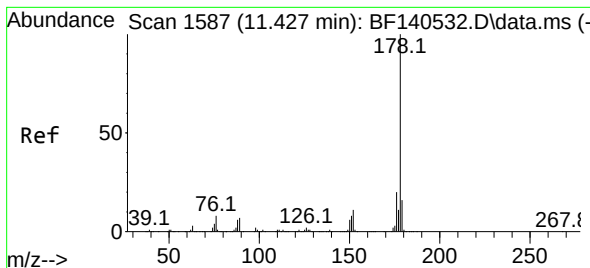
Ion Ratio Lower Upper

266 100

268 66.7 53.7 80.5

264 61.8 49.8 74.8





#71

Phenanthrene

Concen: 53.604 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

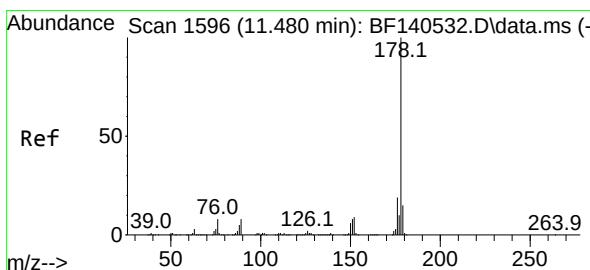
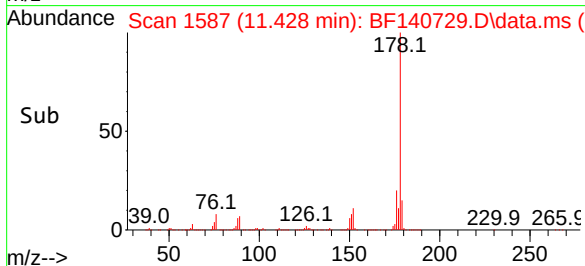
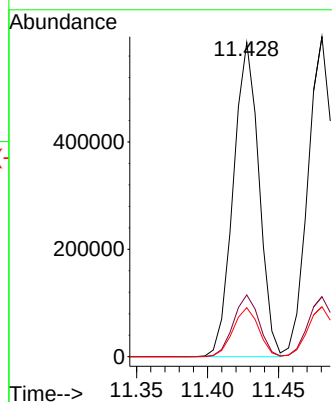
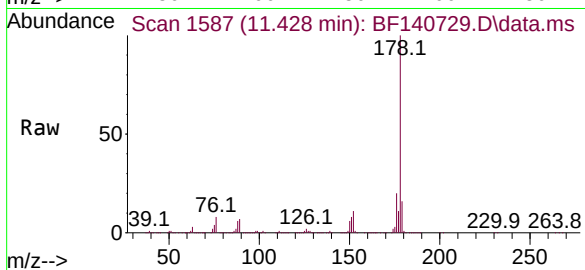
Tgt Ion:178 Resp: 733559

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.6 12.4 18.6



#72

Anthracene

Concen: 56.149 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

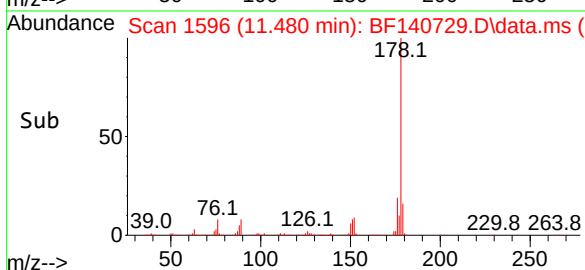
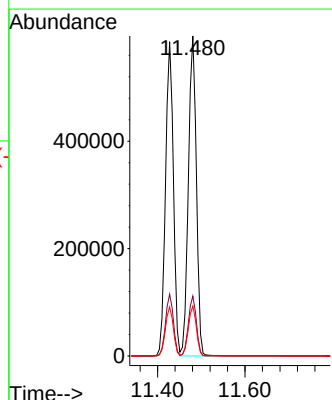
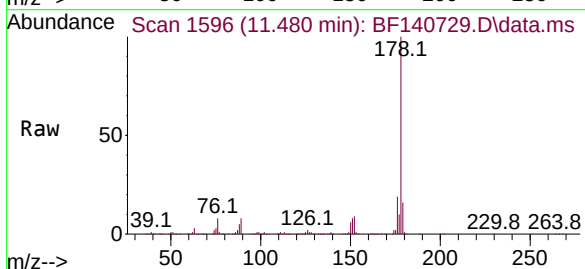
Tgt Ion:178 Resp: 751639

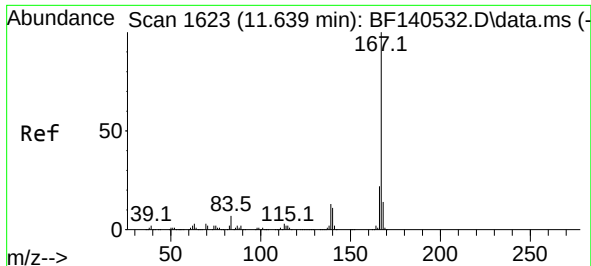
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.6 12.2 18.4

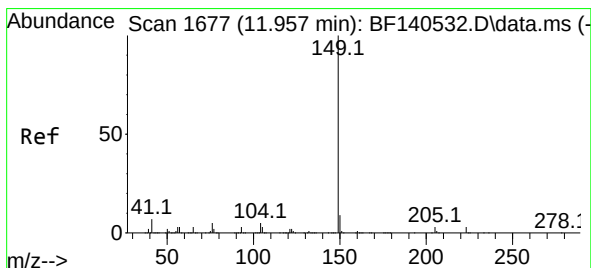
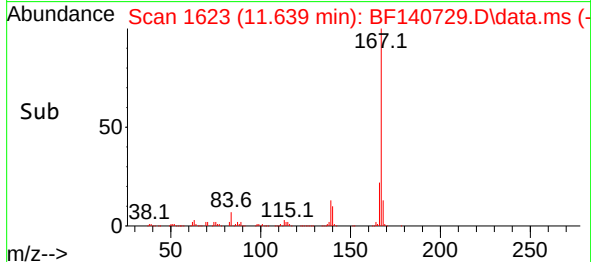
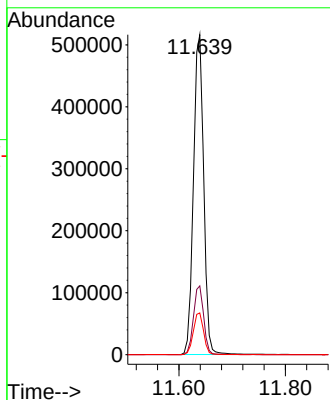
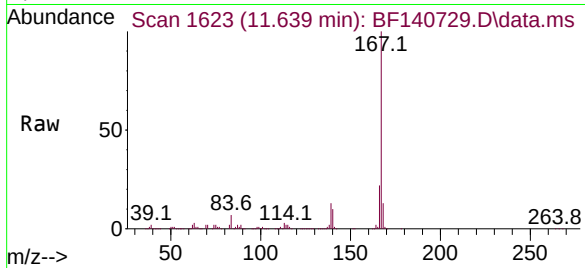




#73
 Carbazole
 Concen: 53.608 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF140729.D
 Acq: 04 Dec 2024 16:28

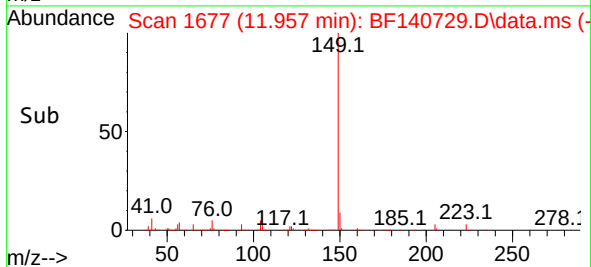
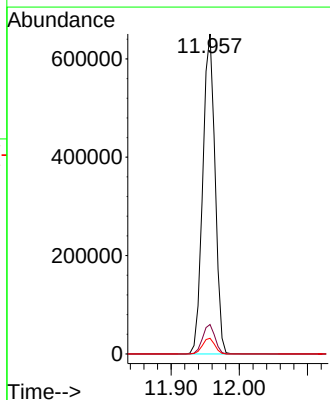
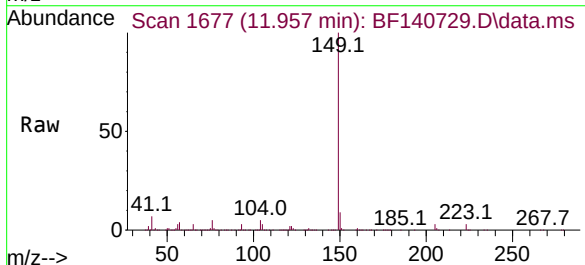
Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-50MS

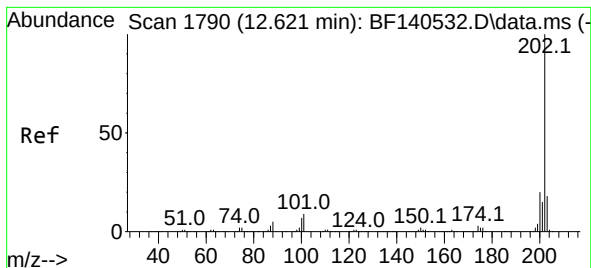
Tgt Ion:167 Resp: 690349
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 54.814 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140729.D
 Acq: 04 Dec 2024 16:28

Tgt Ion:149 Resp: 814944
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 52.567 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

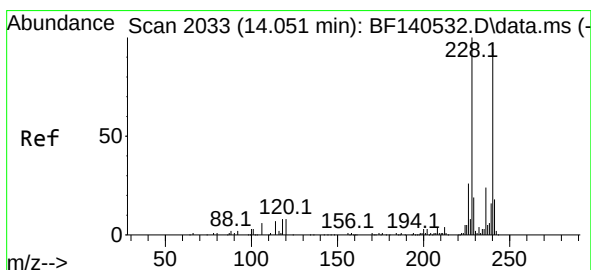
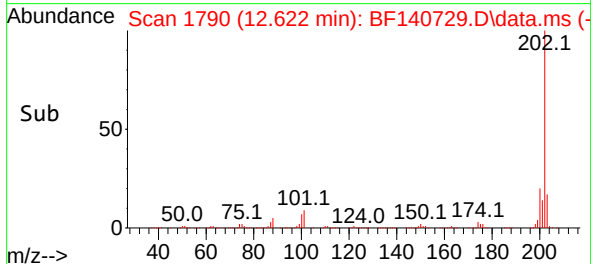
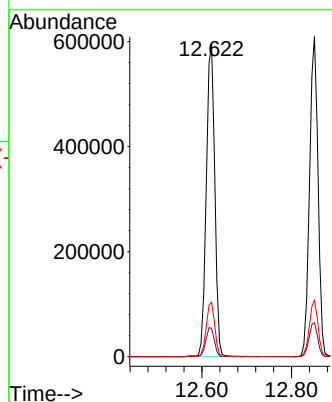
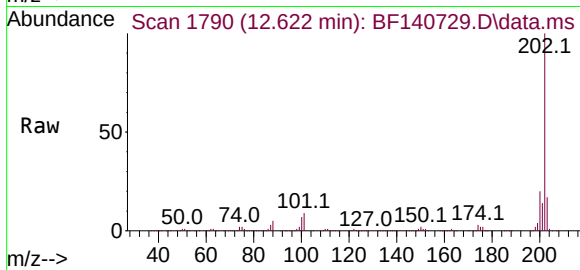
Tgt Ion:202 Resp: 781057

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.9

203 17.4 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: BF140729.D

Acq: 04 Dec 2024 16:28

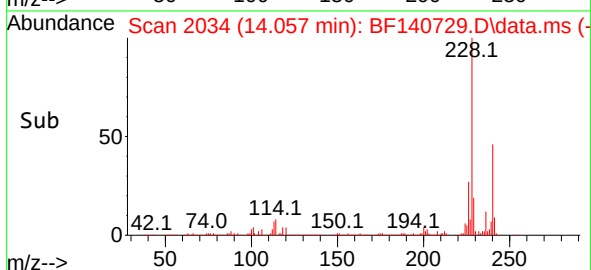
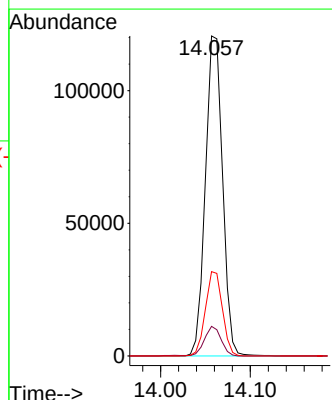
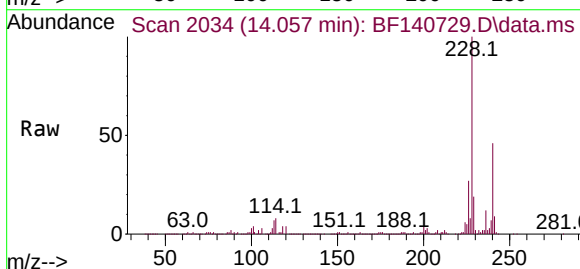
Tgt Ion:240 Resp: 160537

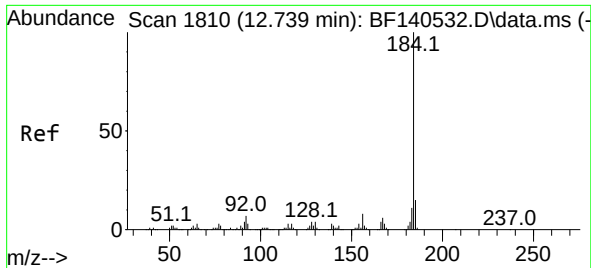
Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 26.4 20.6 31.0

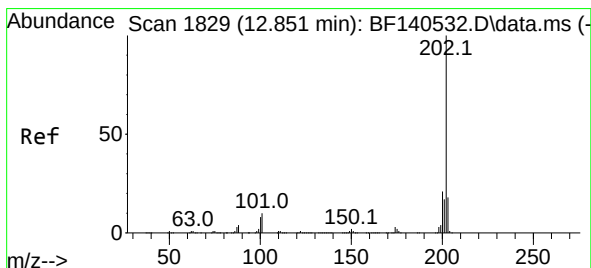
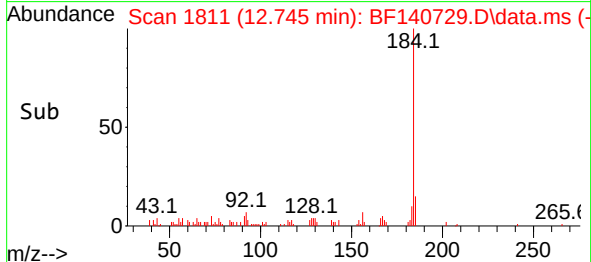
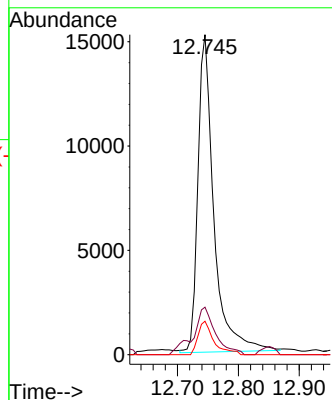
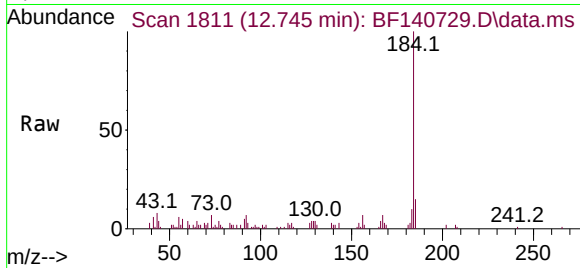




#77
Benzidine
Concen: 5.941 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

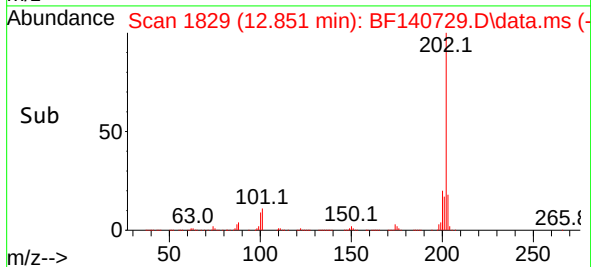
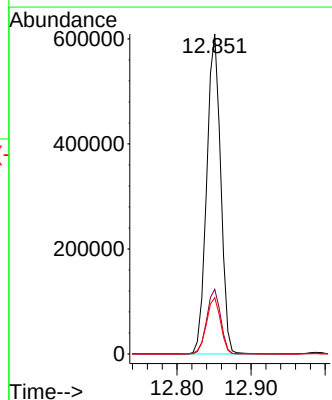
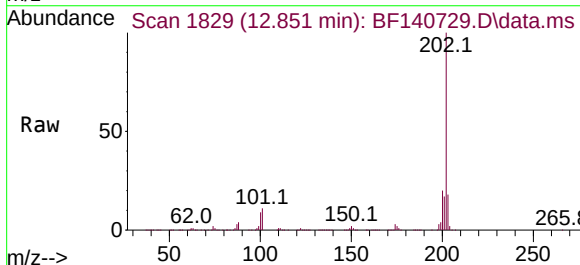
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

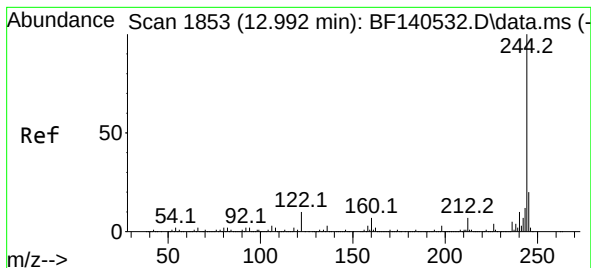
Tgt Ion:184 Resp: 27728
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 10.5 8.8 13.2



#78
Pyrene
Concen: 53.612 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:202 Resp: 795802
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 101.847 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

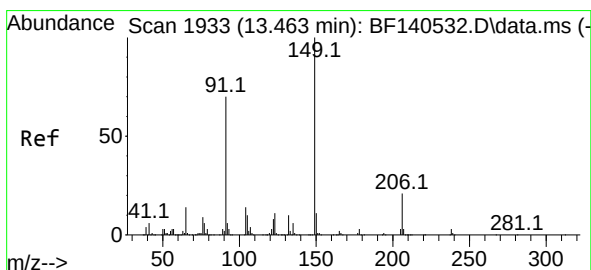
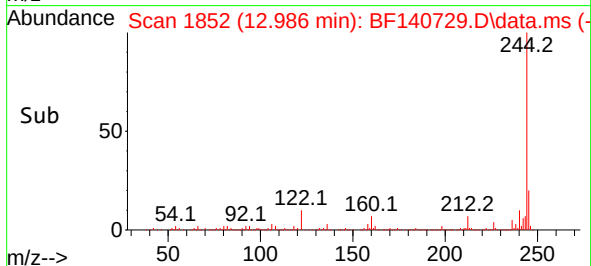
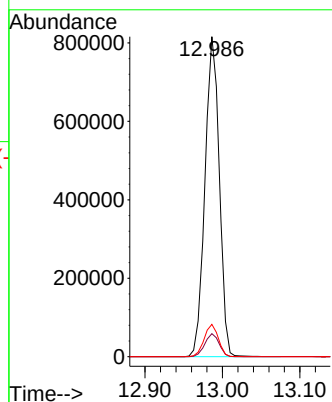
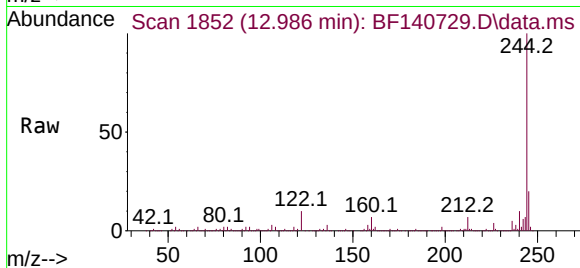
Tgt Ion:244 Resp: 1050017

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.1 8.0 12.0



#80

Butylbenzylphthalate

Concen: 56.957 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

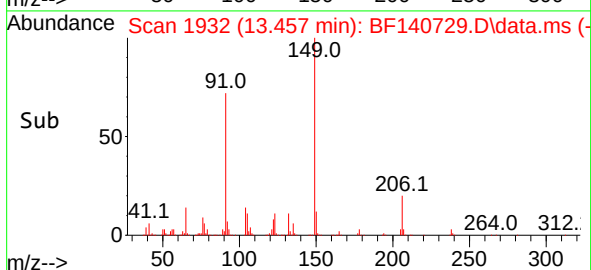
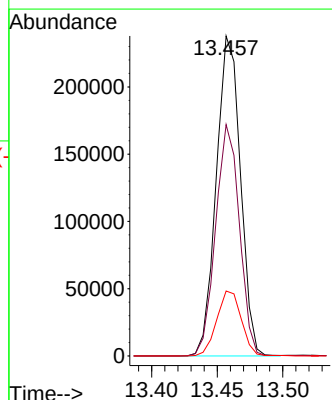
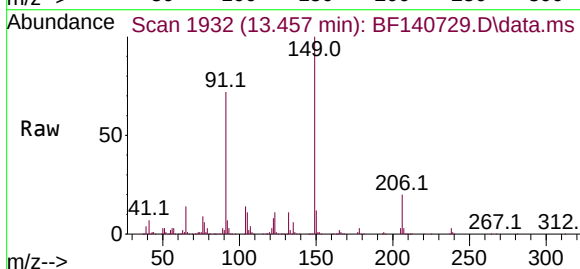
Tgt Ion:149 Resp: 304564

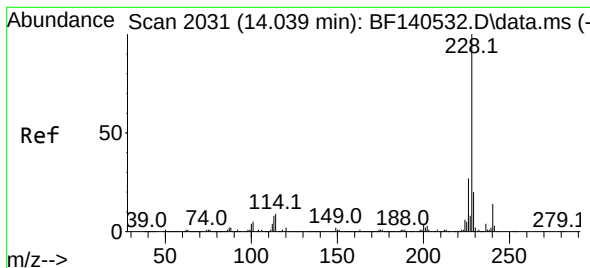
Ion Ratio Lower Upper

149 100

91 72.3 56.2 84.2

206 20.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.966 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.012 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

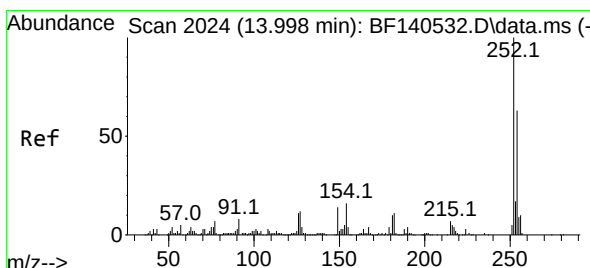
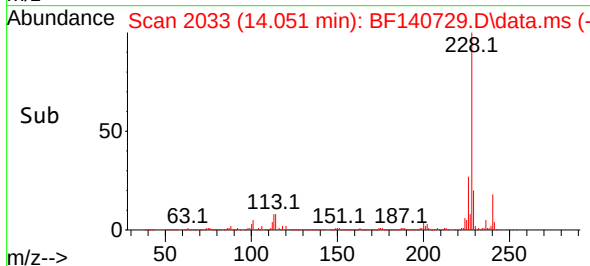
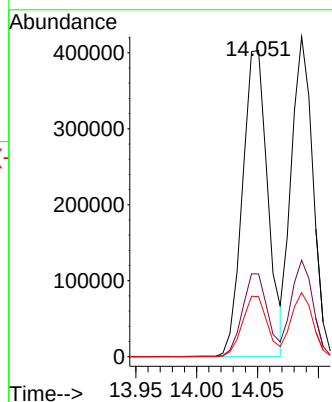
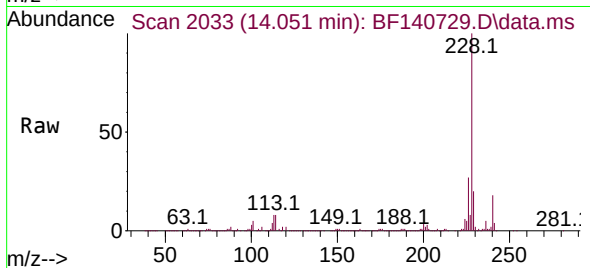
Tgt Ion:228 Resp: 584114

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 18.622 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

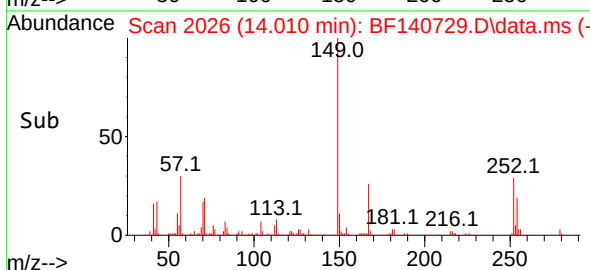
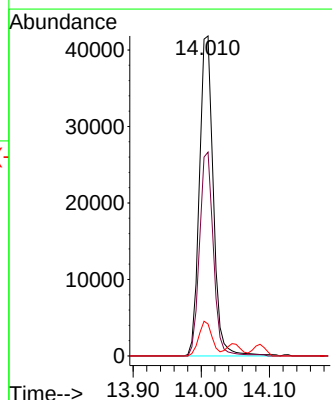
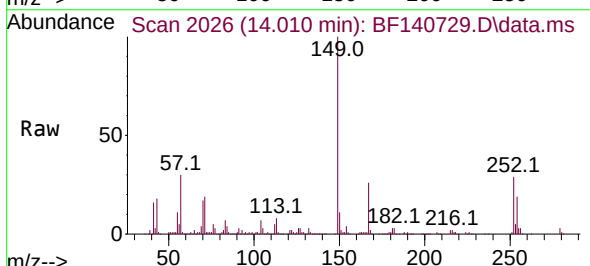
Tgt Ion:252 Resp: 59414

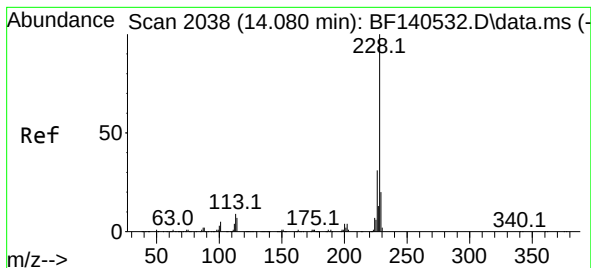
Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 10.0 8.6 13.0





#83

Chrysene

Concen: 53.640 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

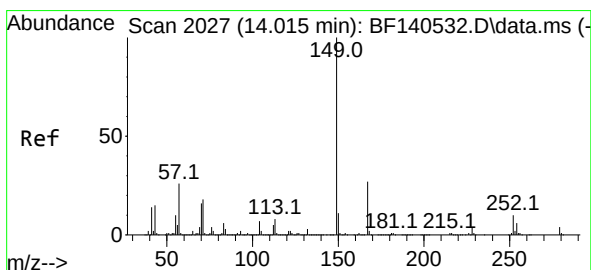
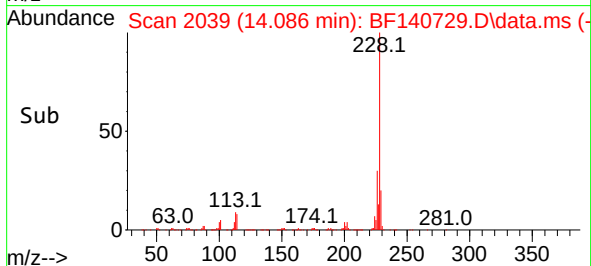
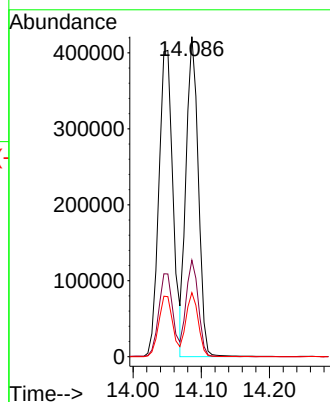
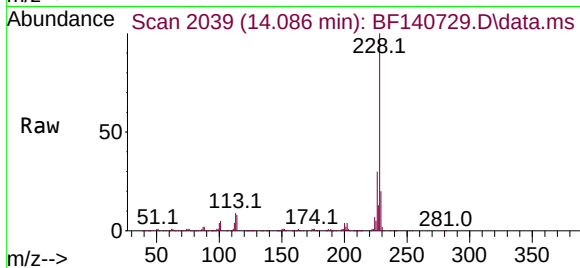
Tgt Ion:228 Resp: 521231

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.087 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

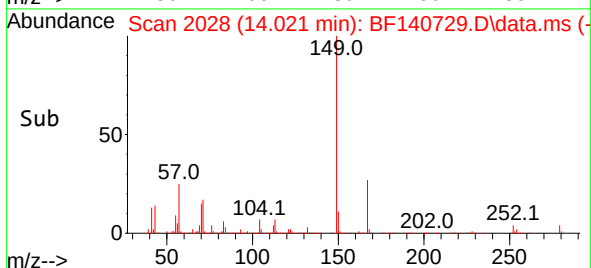
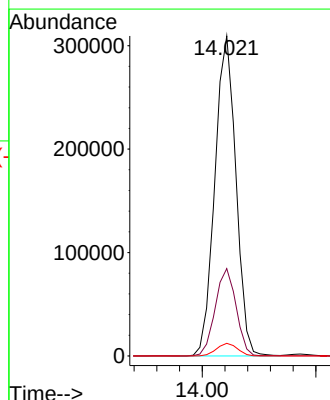
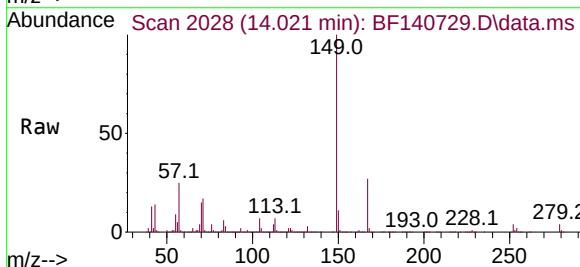
Tgt Ion:149 Resp: 398956

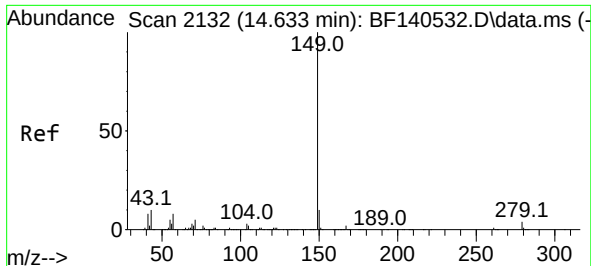
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.0 3.2 4.8

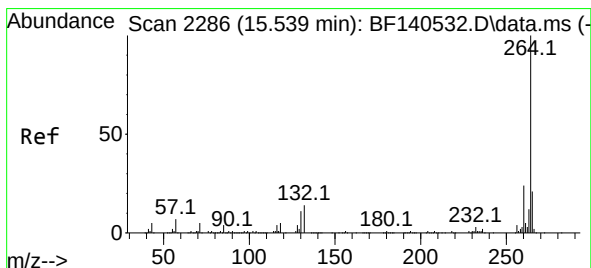
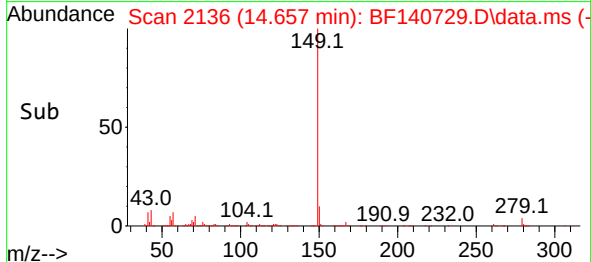
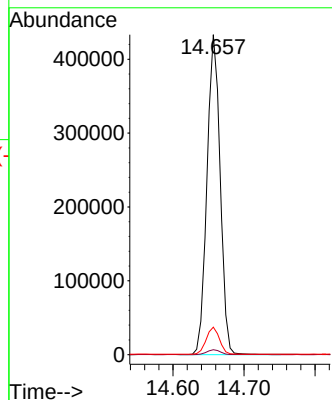
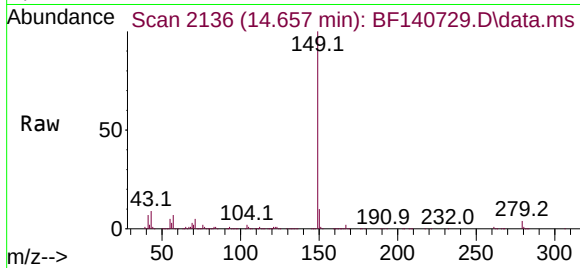




#85
Di-n-octyl phthalate
Concen: 60.824 ng
RT: 14.657 min Scan# 2136
Delta R.T. 0.024 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

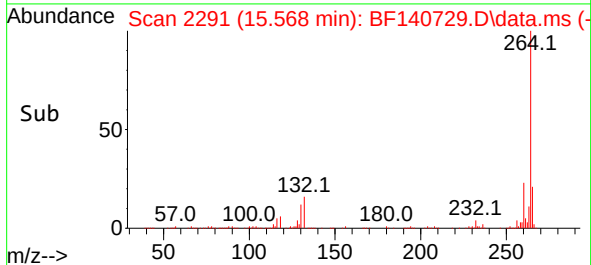
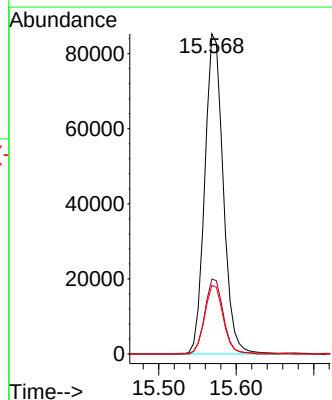
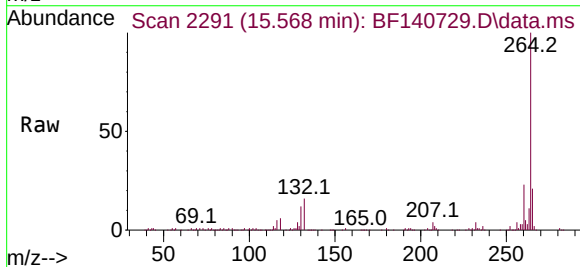
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

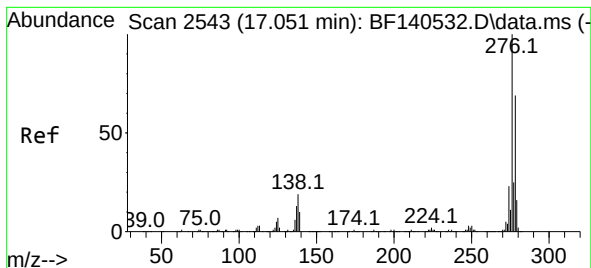
Tgt Ion:149 Resp: 561252
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.030 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:264 Resp: 140702
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.916 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

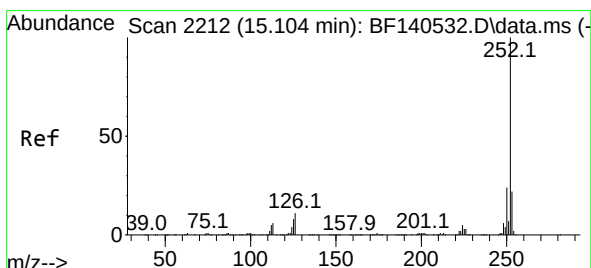
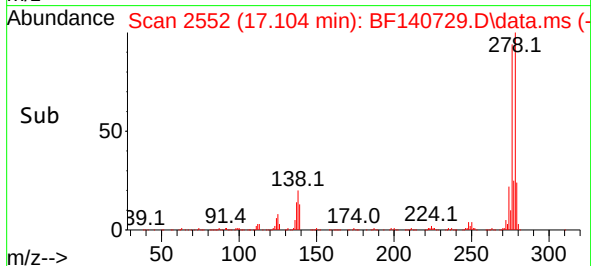
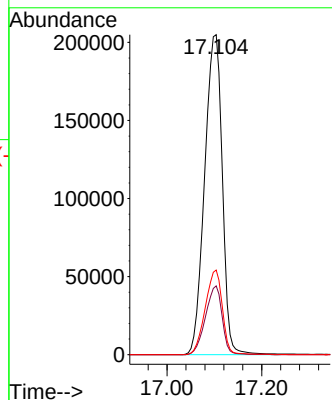
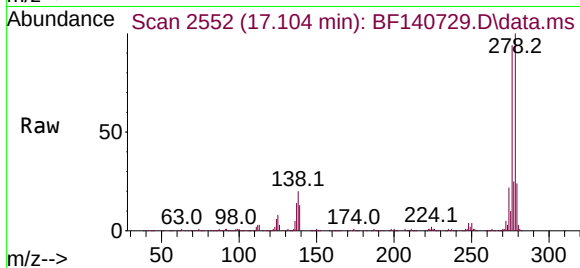
Tgt Ion:276 Resp: 531058

Ion Ratio Lower Upper

276 100

138 20.3 15.5 23.3

277 25.7 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.473 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.030 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

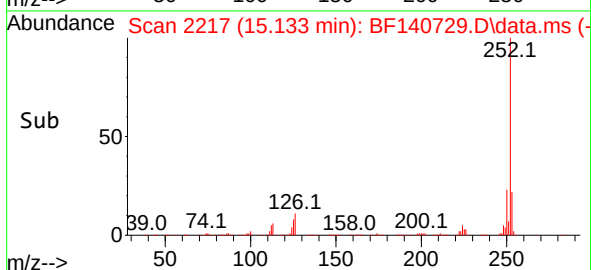
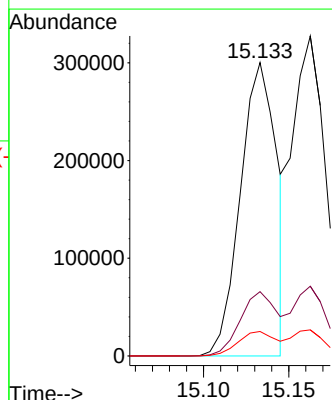
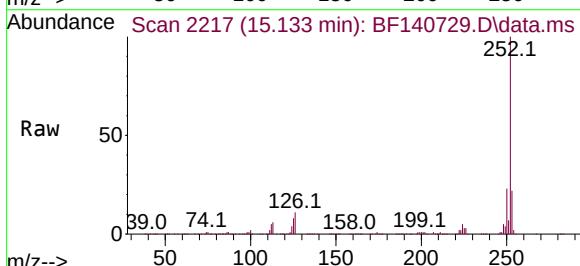
Tgt Ion:252 Resp: 446064

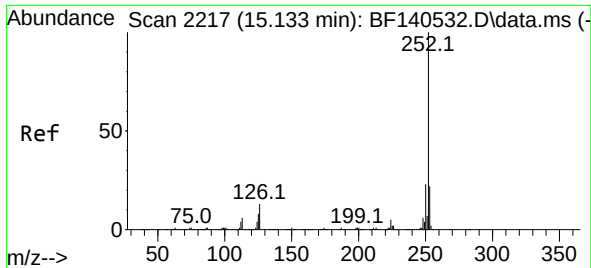
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.3 6.7 10.1

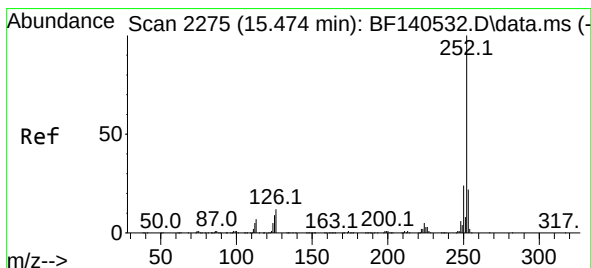
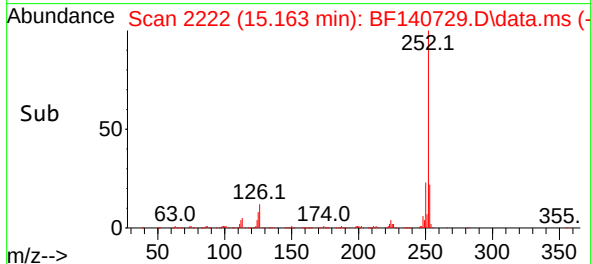
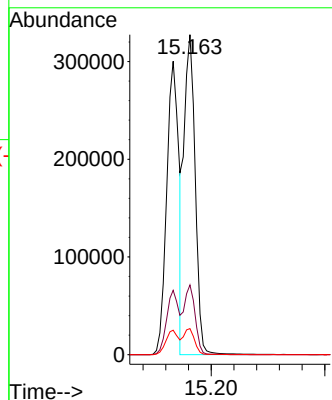
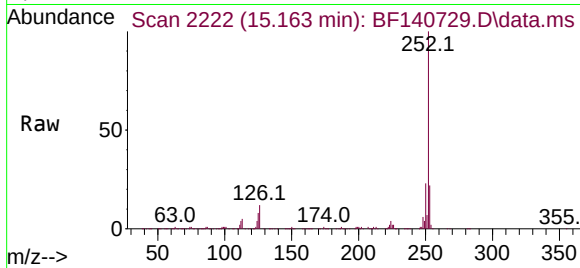




#89
Benzo(k)fluoranthene
Concen: 58.000 ng
RT: 15.163 min Scan# 21
Delta R.T. 0.030 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

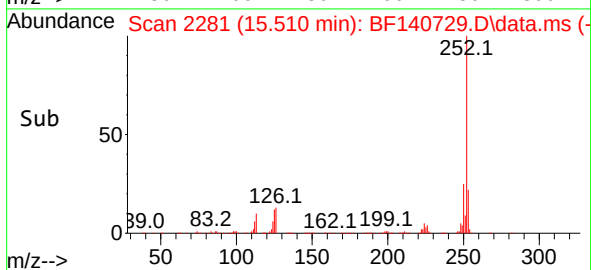
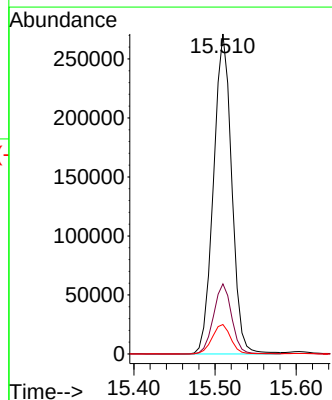
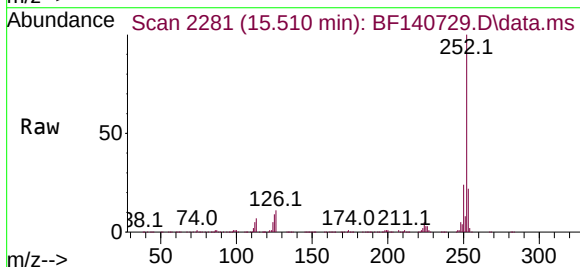
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-50MS

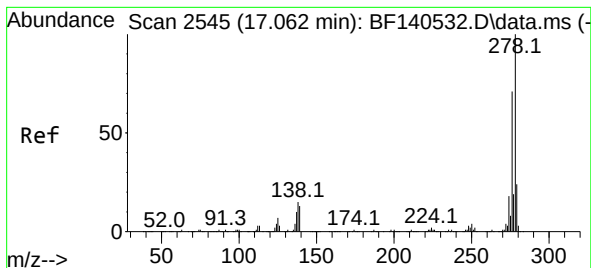
Tgt Ion:252 Resp: 448560
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.2 6.5 9.7



#90
Benzo(a)pyrene
Concen: 58.883 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.035 min
Lab File: BF140729.D
Acq: 04 Dec 2024 16:28

Tgt Ion:252 Resp: 423120
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 58.747 ng

RT: 17.110 min Scan# 2553

Delta R.T. 0.047 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-50MS

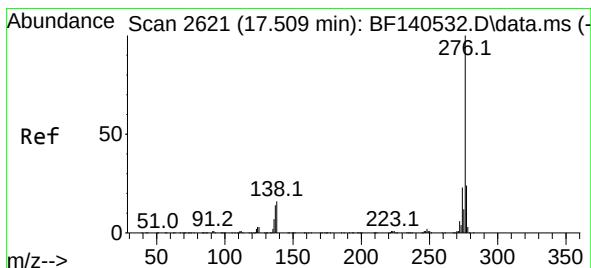
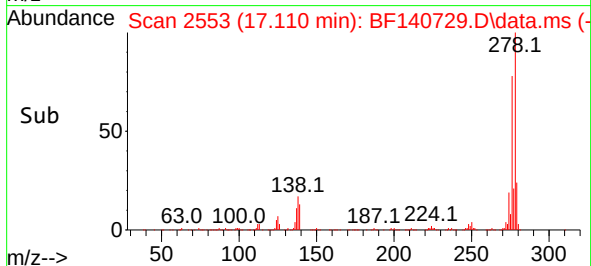
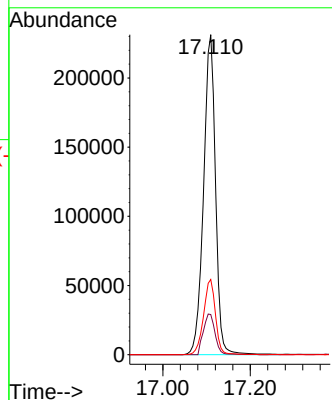
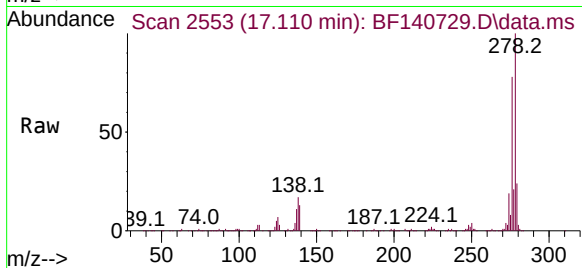
Tgt Ion:278 Resp: 441158

Ion Ratio Lower Upper

278 100

139 12.5 10.2 15.4

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 52.517 ng

RT: 17.557 min Scan# 2629

Delta R.T. 0.047 min

Lab File: BF140729.D

Acq: 04 Dec 2024 16:28

Tgt Ion:276 Resp: 402433

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 16.8 13.2 19.8

