

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132693.D
 Acq On : 08 Mar 2023 16:44
 Operator : CG\JU
 Sample : 01821-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-IDW-S-1

Quant Time: Mar 09 00:37:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

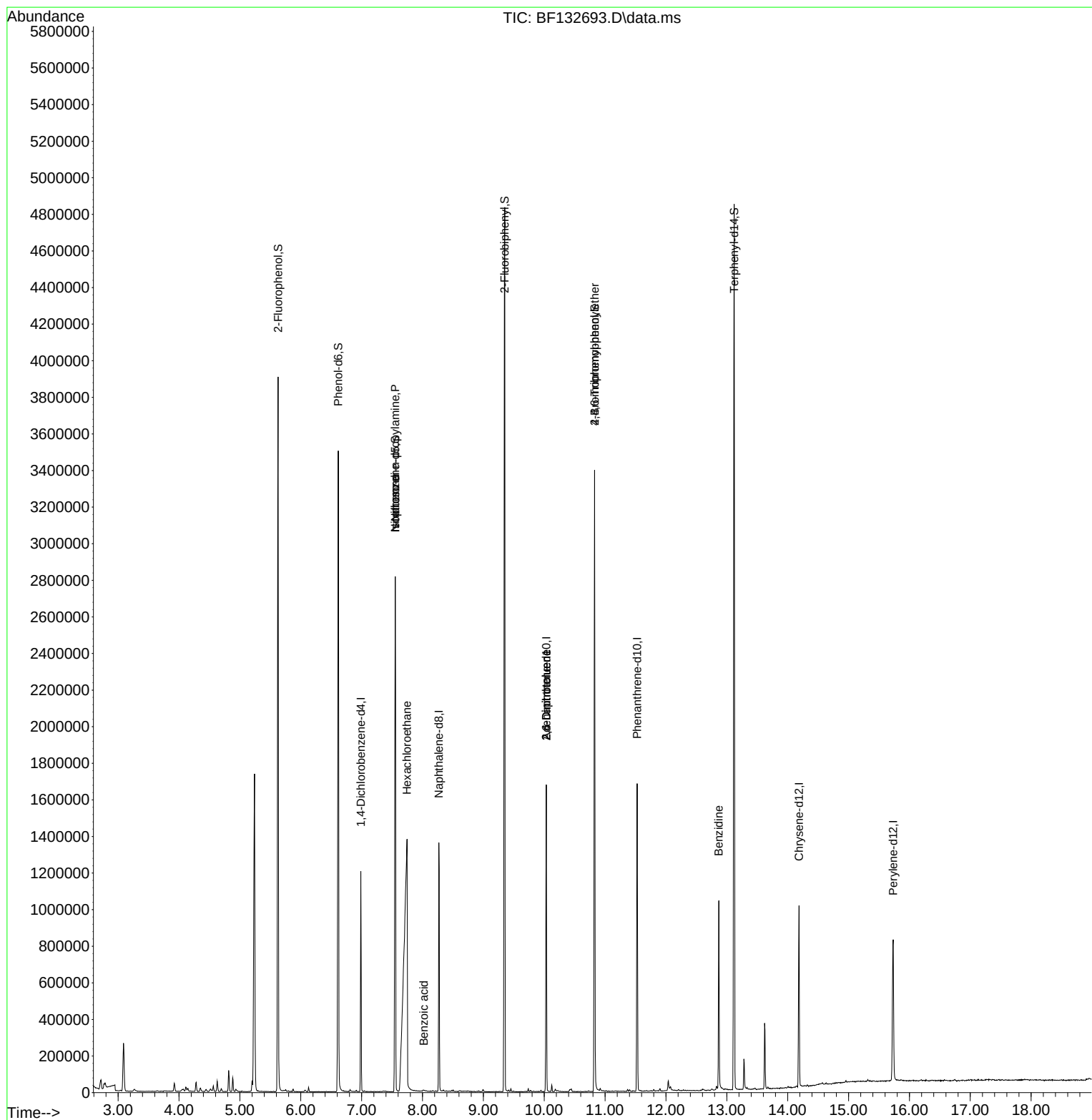
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	163589	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	592604	20.000	ng	-0.01
39) Acenaphthene-d10	10.034	164	317266	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	600750	20.000	ng	0.00
76) Chrysene-d12	14.186	240	332716	20.000	ng	-0.01
86) Perylene-d12	15.733	264	390523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1119427	111.059	ng	0.01
7) Phenol-d6	6.616	99	1348563	102.515	ng	0.00
23) Nitrobenzene-d5	7.551	82	996692	79.796	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	413488	120.679	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1560666	74.901	ng	0.00
79) Terphenyl-d14	13.122	244	1786417	90.779	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.745	117	10798	2.466	ng	# 4
19) n-Nitroso-di-n-propyla...	7.551	70	129999	16.057	ng	# 77
25) Isophorone	7.551	82	996673	41.620	ng	# 67
32) Benzoic acid	8.022	122	2148	4.106	ng	# 78
51) 2,6-Dinitrotoluene	10.034	165	40240	7.649	ng	# 22
57) 2,4-Dinitrotoluene	10.034	165	40240	5.749	ng	# 21
67) 4-Bromophenyl-phenylether	10.828	248	26142	3.847	ng	# 1
77) Benzidine	12.869	184	389738	48.120	ng	100

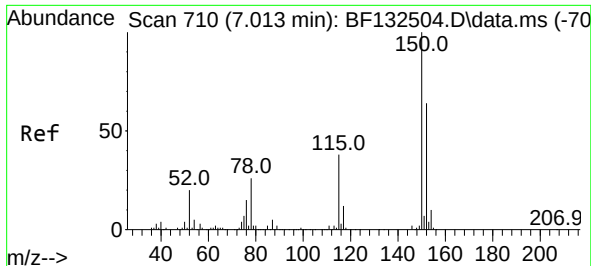
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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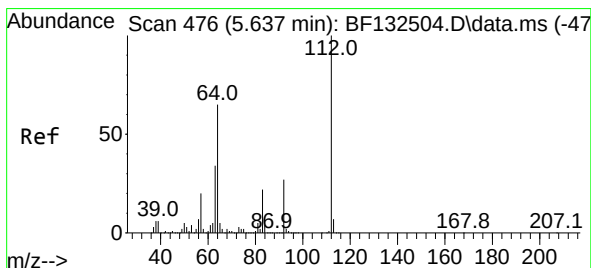
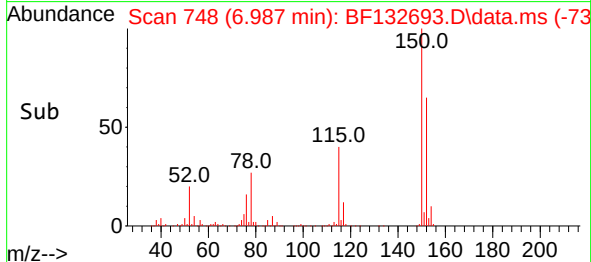
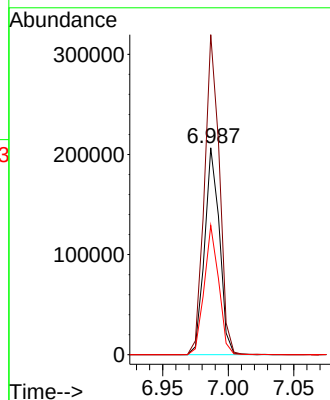
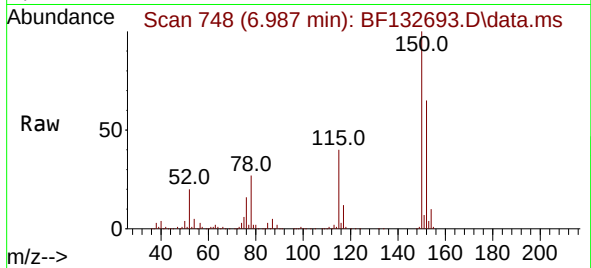




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

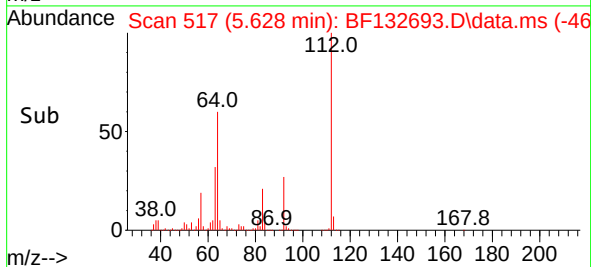
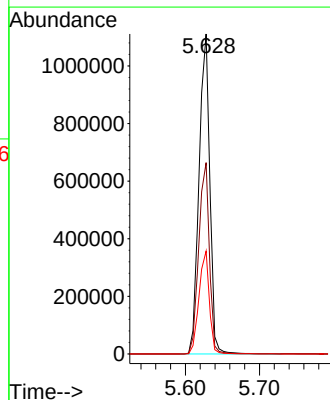
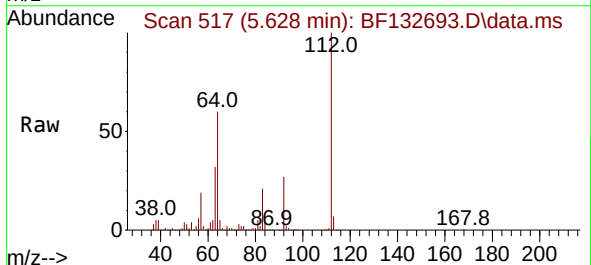
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

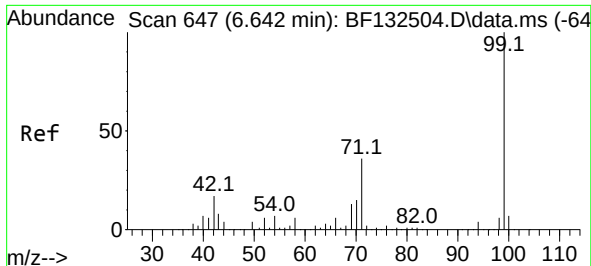
Tgt Ion:152 Resp: 163589
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.2
115 62.5 47.8 71.6



#5
2-Fluorophenol
Concen: 111.059 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:112 Resp: 1119427
Ion Ratio Lower Upper
112 100
64 59.8 51.6 77.4
63 32.2 27.4 41.2

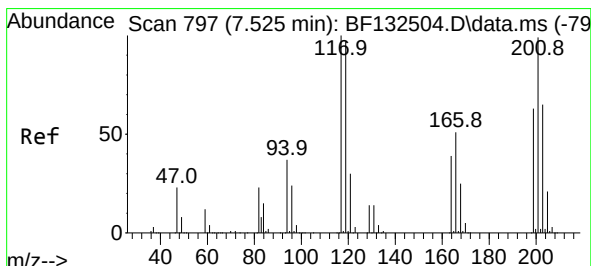
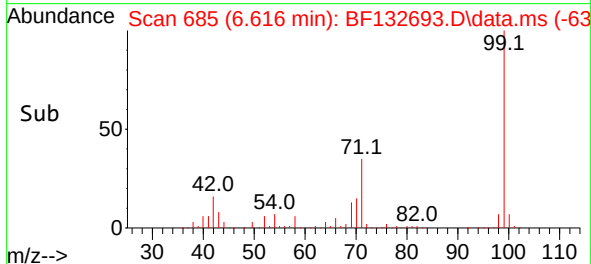
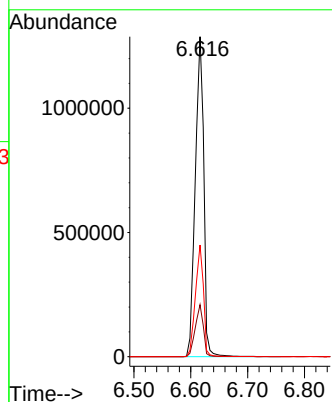
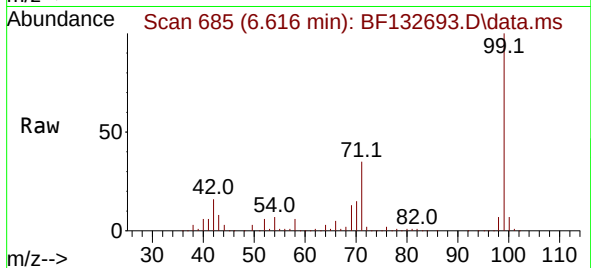




#7
Phenol-d6
Concen: 102.515 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

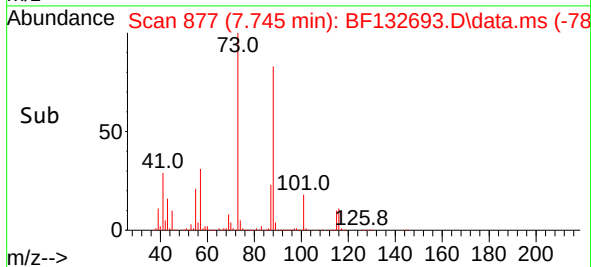
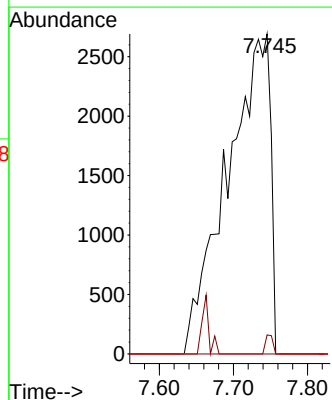
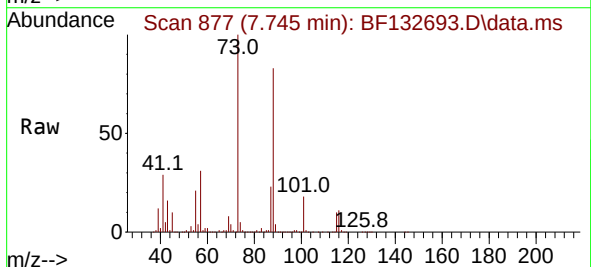
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

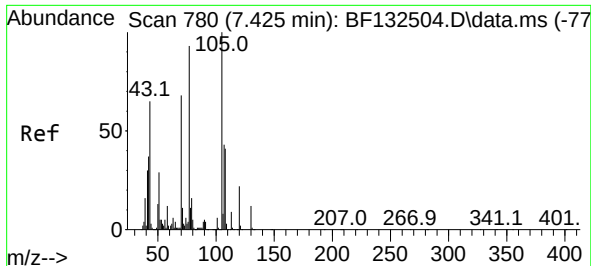
Tgt Ion: 99 Resp: 1348563
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 34.9 28.5 42.7



#18
Hexachloroethane
Concen: 2.466 ng
RT: 7.745 min Scan# 877
Delta R.T. 0.241 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion: 117 Resp: 10798
Ion Ratio Lower Upper
117 100
119 5.9 78.0 117.0#
201 0.0 79.0 118.4#

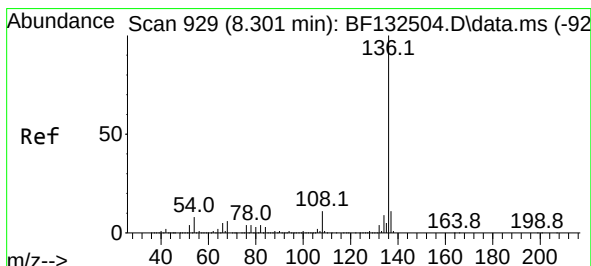
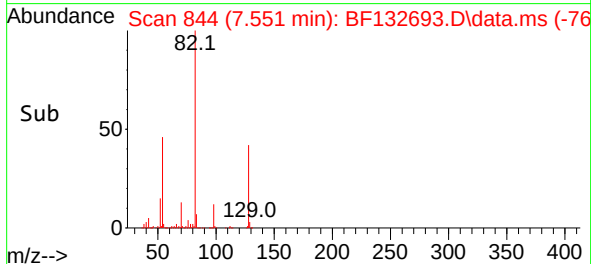
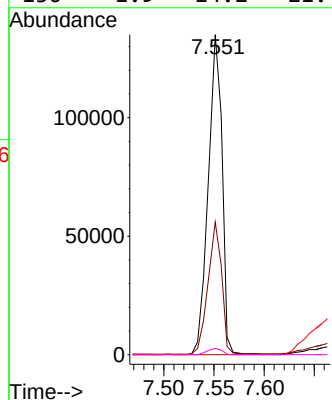
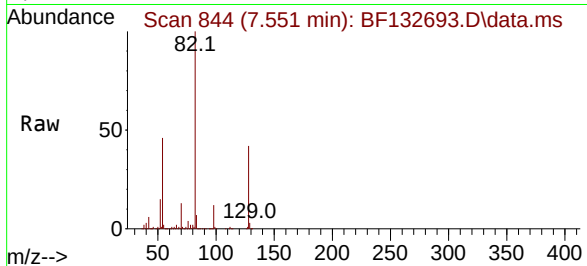




#19
n-Nitroso-di-n-propylamine
Concen: 16.057 ng
RT: 7.551 min Scan# 84
Delta R.T. 0.147 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

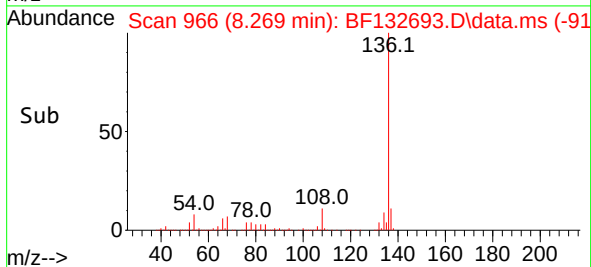
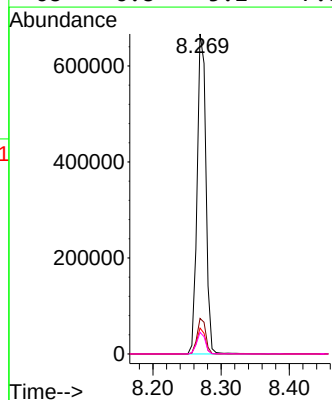
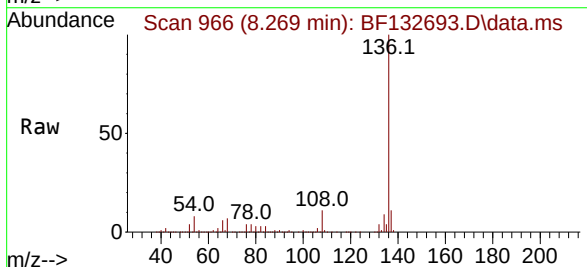
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

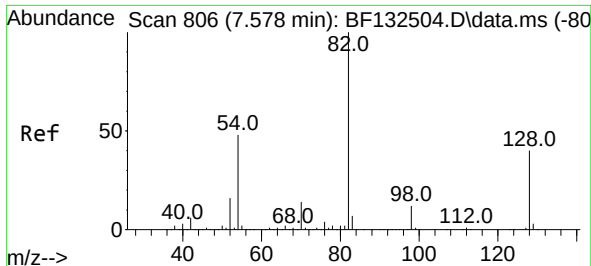
Tgt Ion: 70 Resp: 129999
Ion Ratio Lower Upper
70 100
42 41.4 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:136 Resp: 592604
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.1 6.2 9.4
68 6.8 5.2 7.8

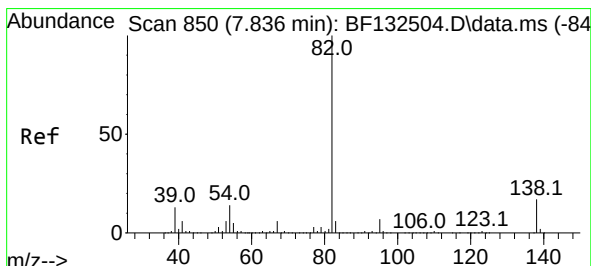
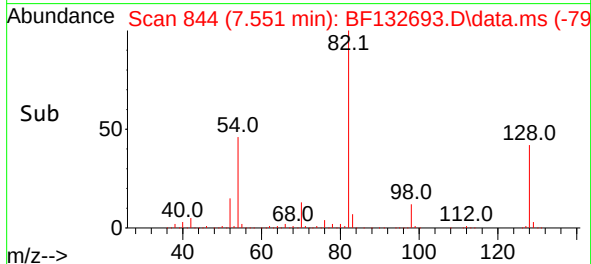
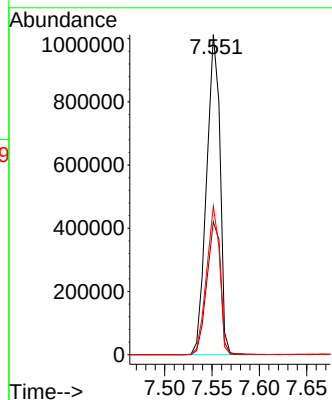
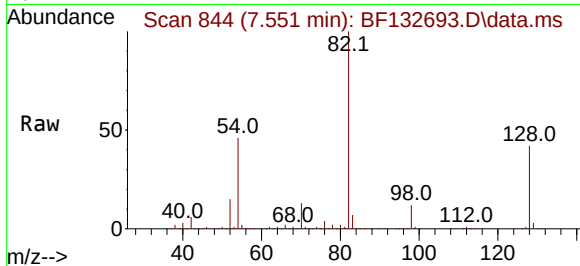




#23
Nitrobenzene-d5
Concen: 79.796 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

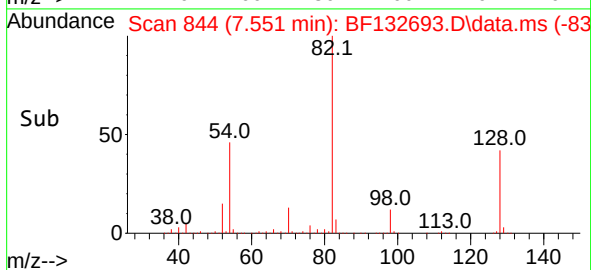
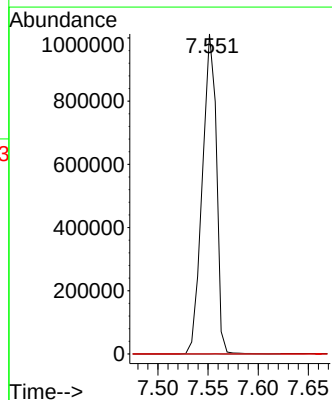
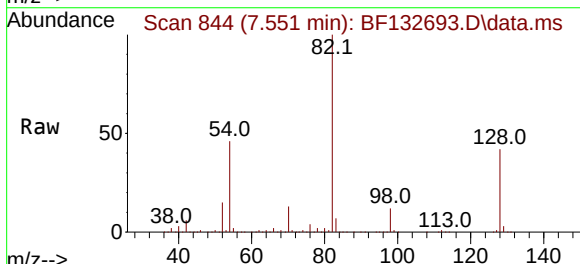
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

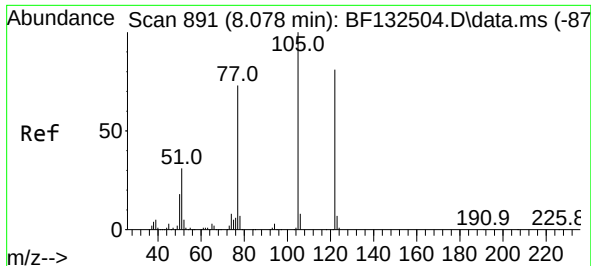
Tgt Ion: 82 Resp: 996692
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 46.4 38.4 57.6



#25
Isophorone
Concen: 41.620 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.265 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion: 82 Resp: 996673
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#

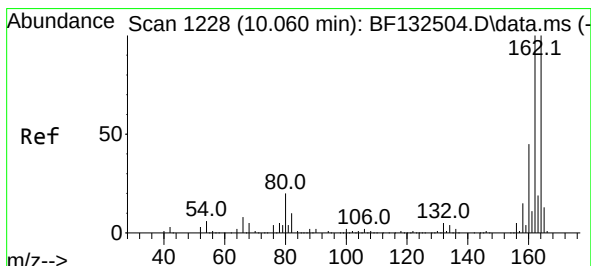
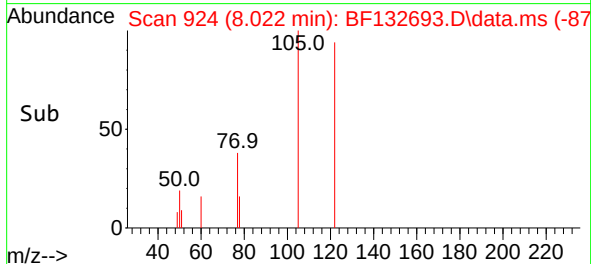
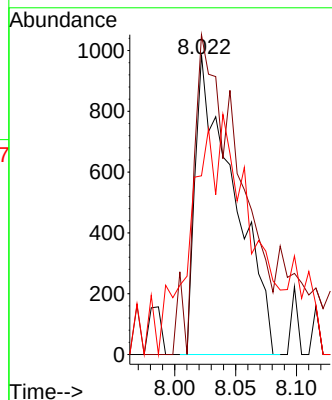
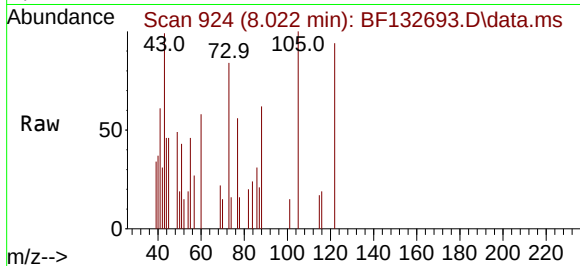




#32
Benzoic acid
Concen: 4.106 ng
RT: 8.022 min Scan# 91
Delta R.T. -0.035 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

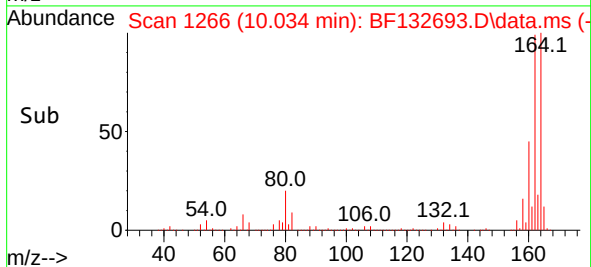
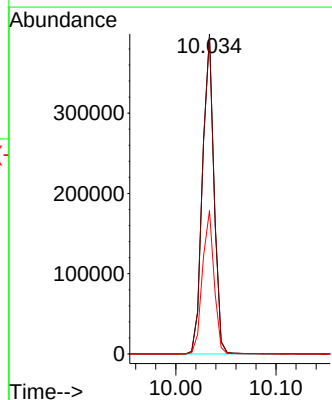
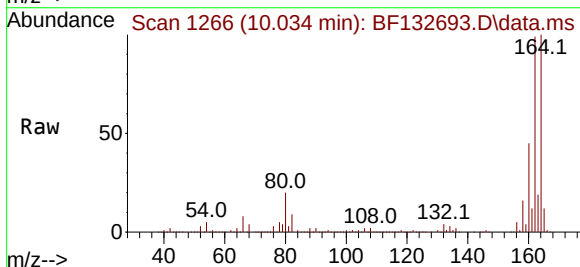
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ClientSampleId :
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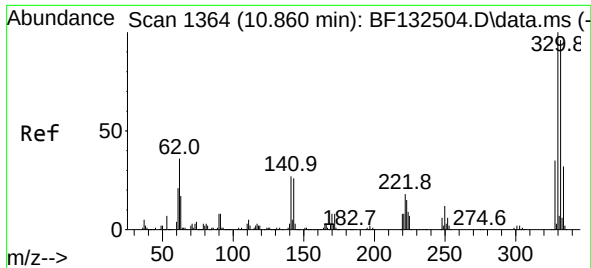
Tgt Ion:122 Resp: 2148
Ion Ratio Lower Upper
122 100
105 106.7 102.6 142.6
77 59.6 70.2 110.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.034 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:164 Resp: 317266
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.8
160 44.8 35.8 53.6

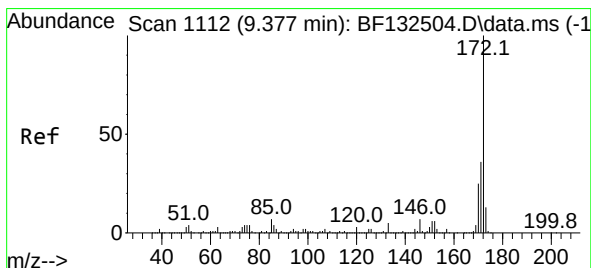
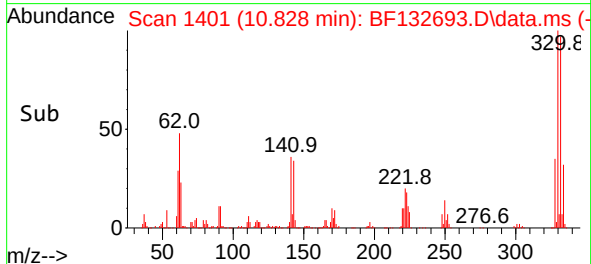
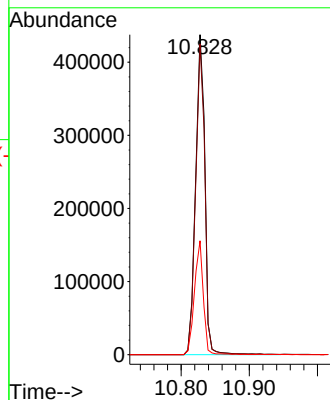
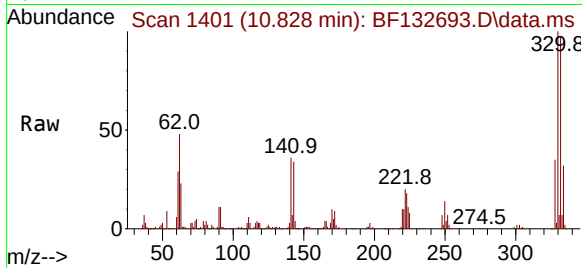




#42
2,4,6-Tribromophenol
Concen: 120.679 ng
RT: 10.828 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

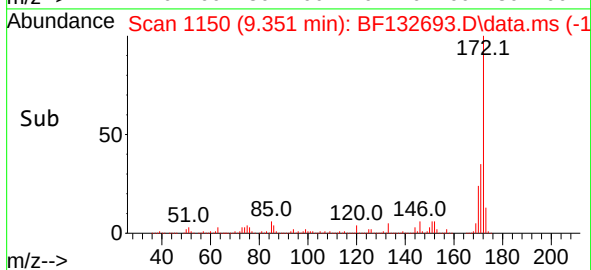
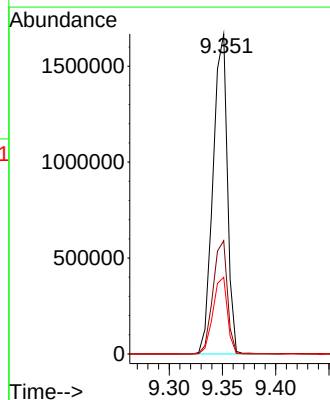
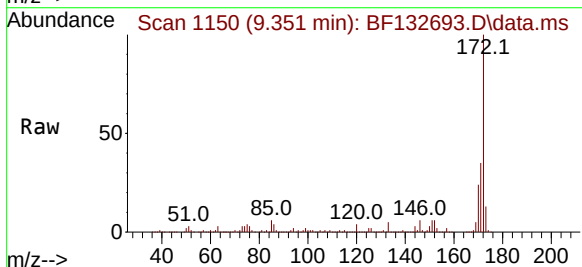
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ClientSampleId :
WC-IDW-S-1

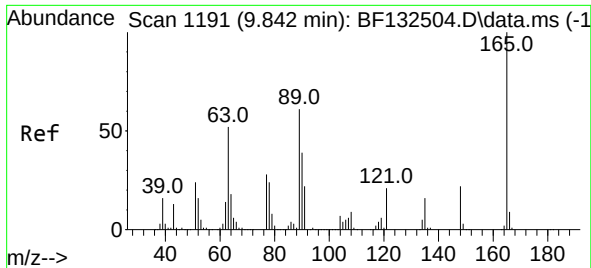
Tgt Ion:330 Resp: 413488
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 33.9 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 74.901 ng
RT: 9.351 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:172 Resp: 1560666
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.9 19.7 29.5

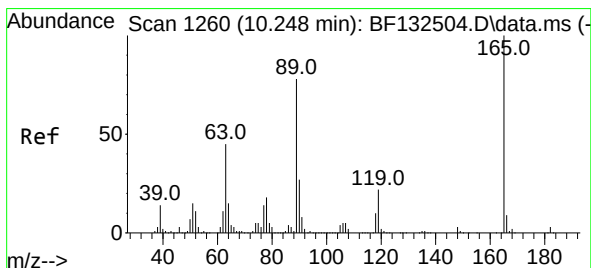
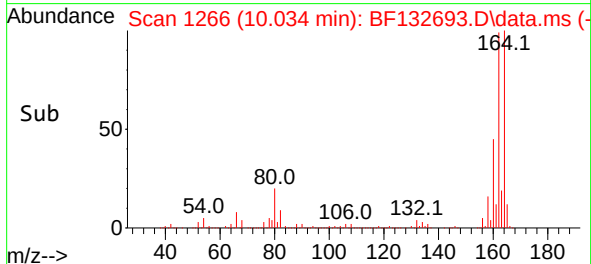
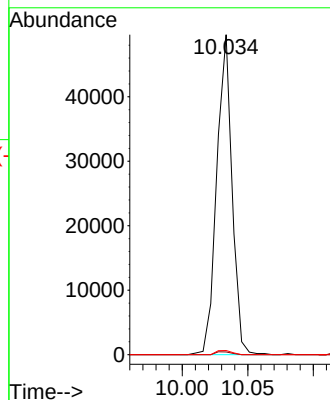
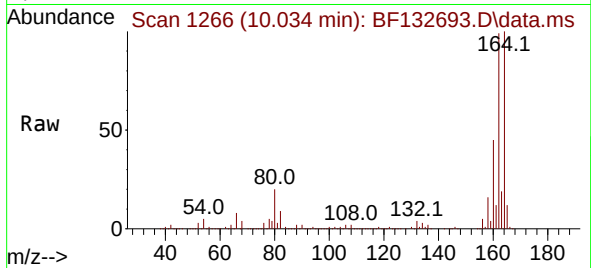




#51
2,6-Dinitrotoluene
Concen: 7.649 ng
RT: 10.034 min Scan# 1191
Delta R.T. 0.212 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

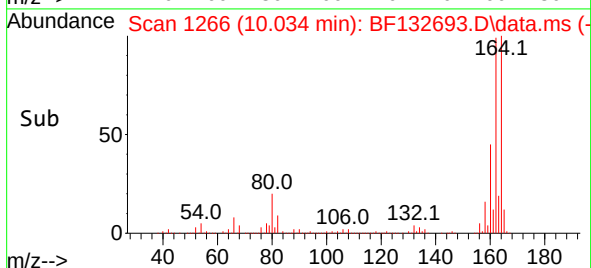
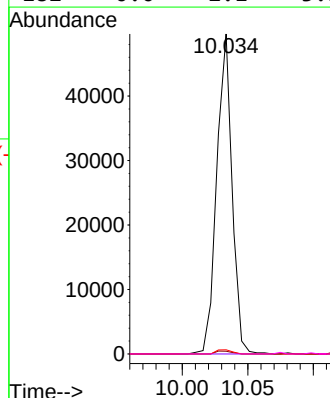
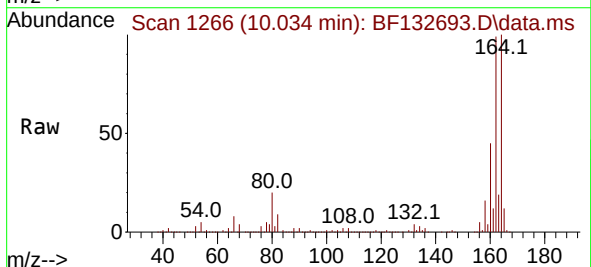
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

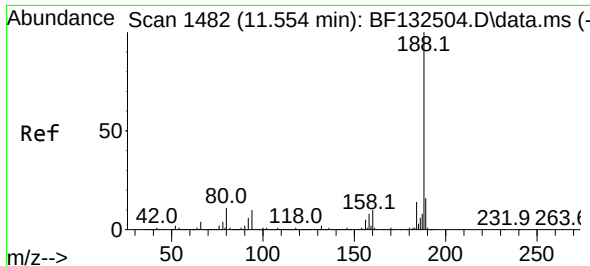
Tgt Ion:165 Resp: 40240
Ion Ratio Lower Upper
165 100
63 0.9 47.3 70.9#
89 1.3 48.9 73.3#



#57
2,4-Dinitrotoluene
Concen: 5.749 ng
RT: 10.034 min Scan# 1266
Delta R.T. -0.194 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:165 Resp: 40240
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#

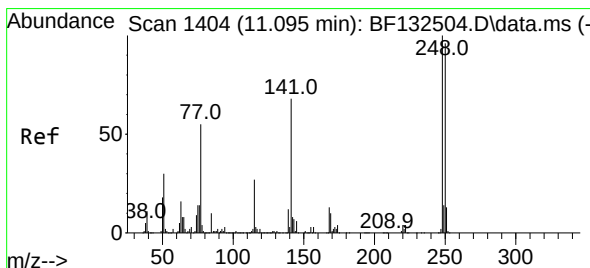
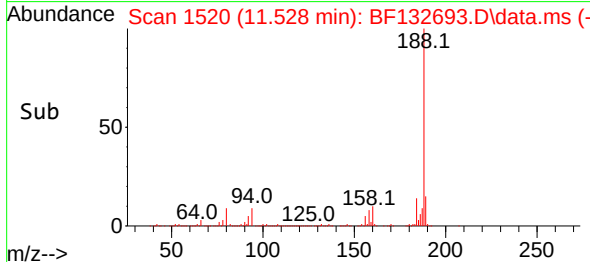
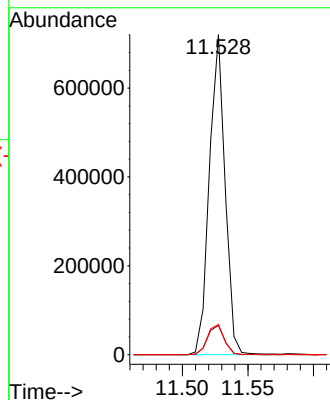
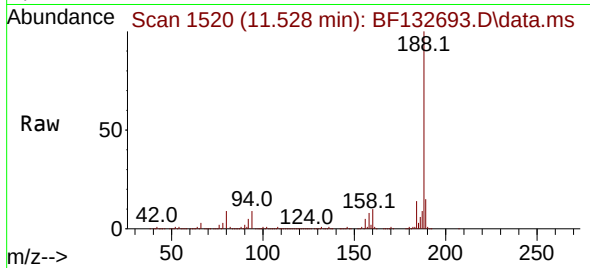




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

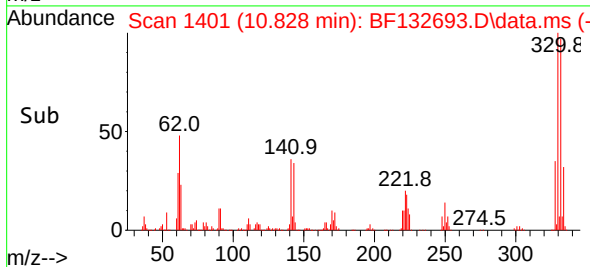
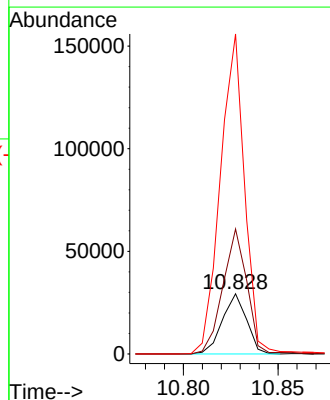
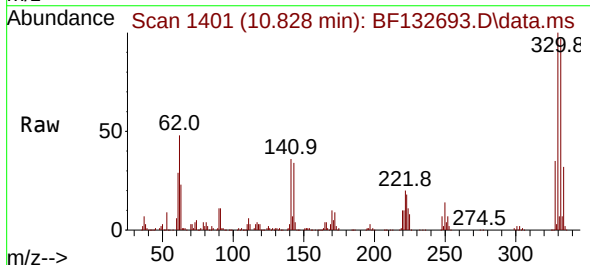
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

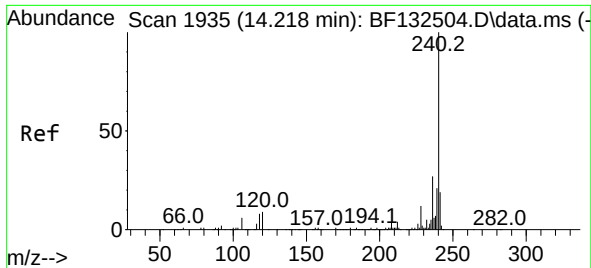
Tgt Ion:188 Resp: 600750
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.5 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 3.847 ng
RT: 10.828 min Scan# 1401
Delta R.T. -0.247 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:248 Resp: 26142
Ion Ratio Lower Upper
248 100
250 207.9 77.0 115.4#
141 532.2 54.2 81.2#

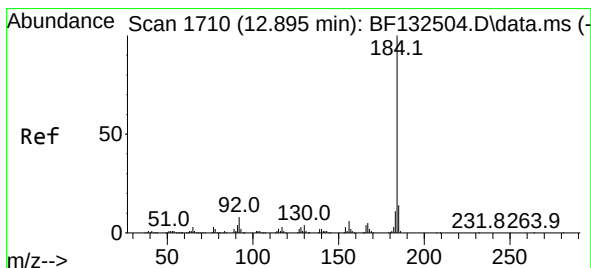
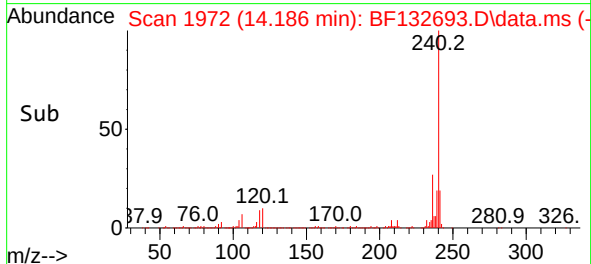
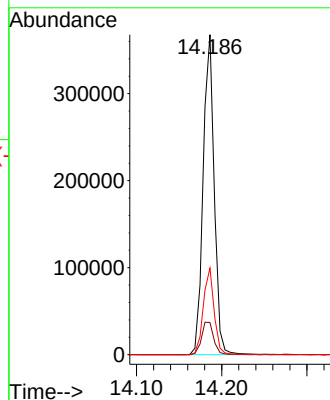
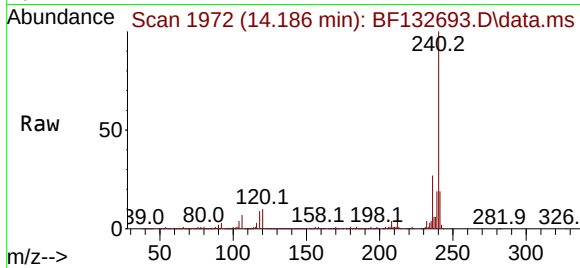




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

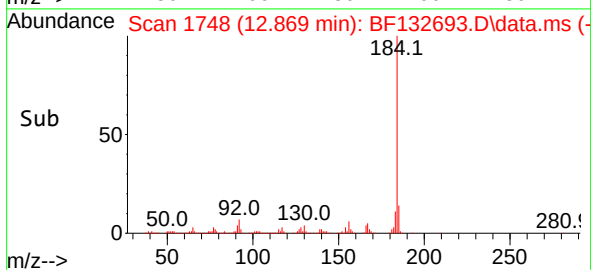
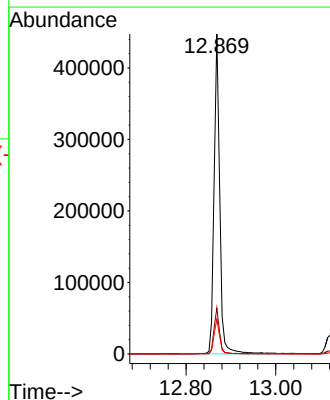
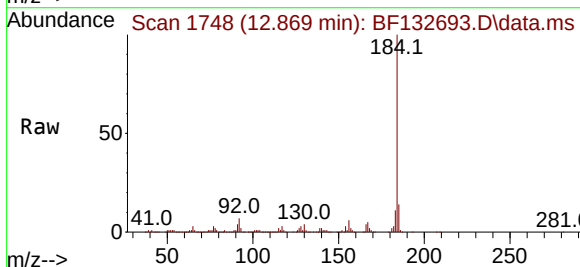
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

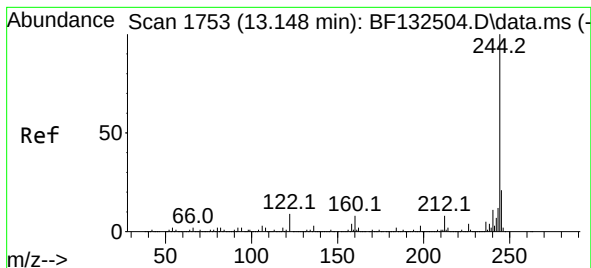
Tgt Ion:240 Resp: 332716
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 27.0 21.8 32.6



#77
Benzidine
Concen: 48.120 ng
RT: 12.869 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF132693.D
Acq: 08 Mar 2023 16:44

Tgt Ion:184 Resp: 389738
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 10.9 8.7 13.1





#79

Terphenyl-d14

Concen: 90.779 ng

RT: 13.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132693.D

Acq: 08 Mar 2023 16:44

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

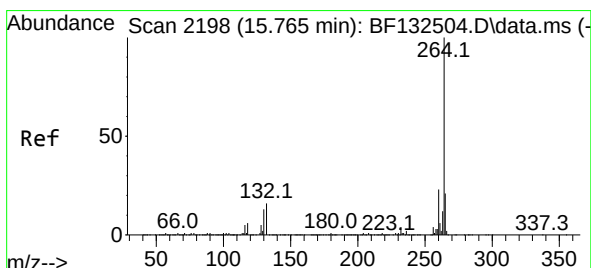
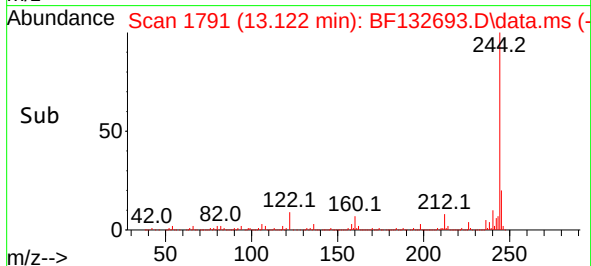
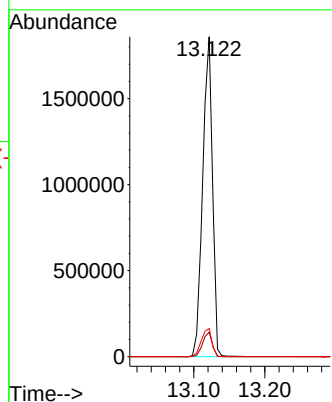
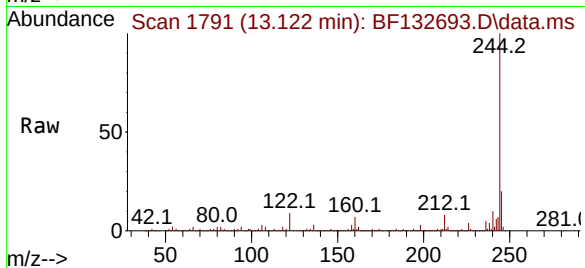
Tgt Ion:244 Resp: 1786417

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.8 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.733 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BF132693.D

Acq: 08 Mar 2023 16:44

Tgt Ion:264 Resp: 390523

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 20.5 17.1 25.7

