

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132742.D
 Acq On : 10 Mar 2023 15:31
 Operator : CG\JU
 Sample : 01853-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230167-COMPOSITE-1-ELUTRIATE

Quant Time: Mar 10 17:51:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

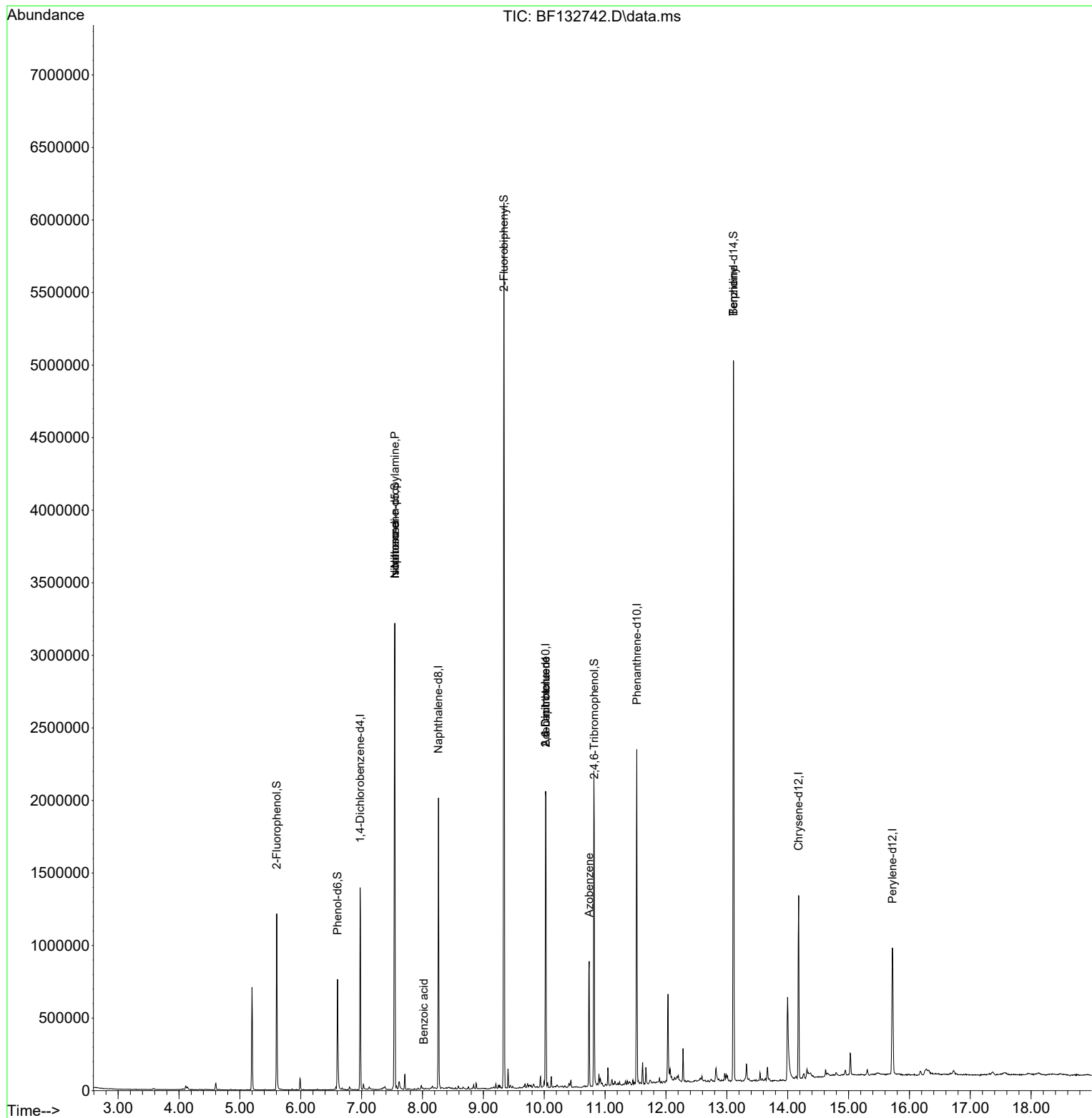
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	209288	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	771858	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	428499	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	805931	20.000	ng	0.00
76) Chrysene-d12	14.180	240	403100	20.000	ng	0.00
86) Perylene-d12	15.721	264	422871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	327035	25.361	ng	0.00
7) Phenol-d6	6.604	99	256761	15.257	ng	-0.02
23) Nitrobenzene-d5	7.545	82	1059057	65.098	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	257110	55.560	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1781551	63.307	ng	0.00
79) Terphenyl-d14	13.110	244	1833465	76.902	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.545	70	142140	13.723	ng	# 73
25) Isophorone	7.545	82	1058204	33.927	ng	# 67
32) Benzoic acid	8.022	122	556	3.890	ng	# 79
51) 2,6-Dinitrotoluene	10.022	165	55207	7.770	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	55257	5.845	ng	# 21
63) Azobenzene	10.739	77	153373	4.753	ng	# 1
77) Benzidine	13.110	184	24323	2.479	ng	# 89

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

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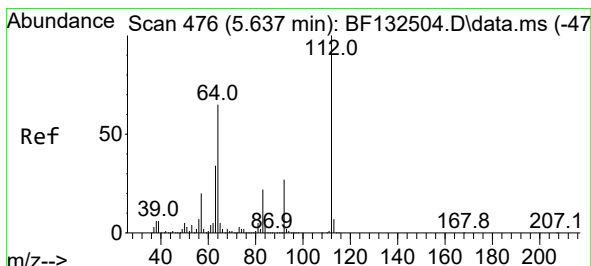
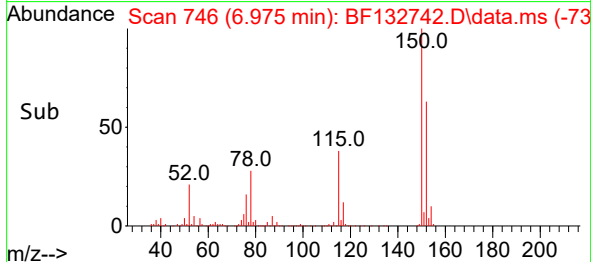
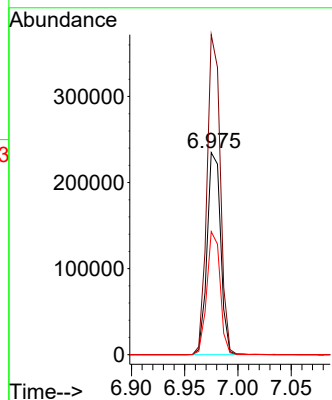
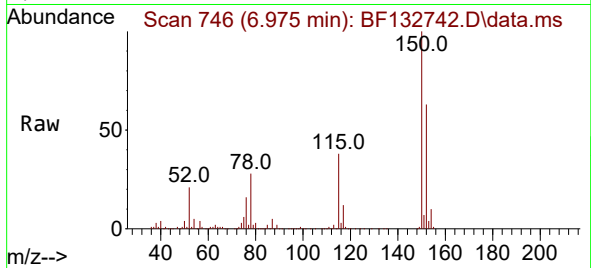




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

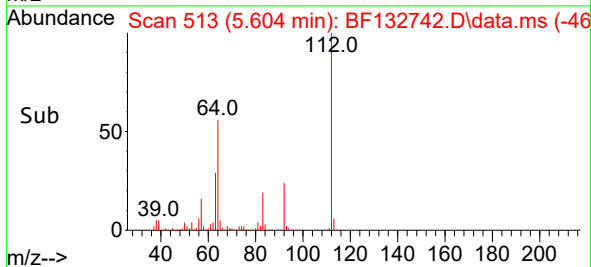
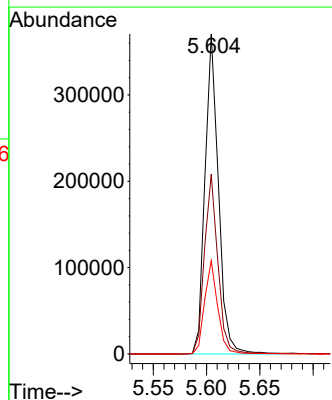
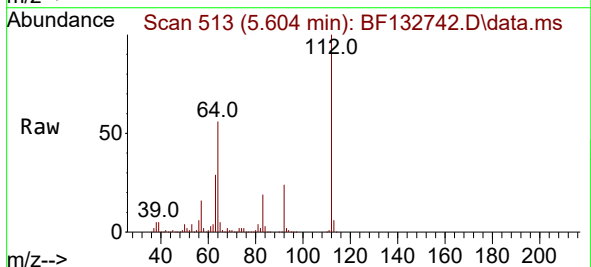
Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

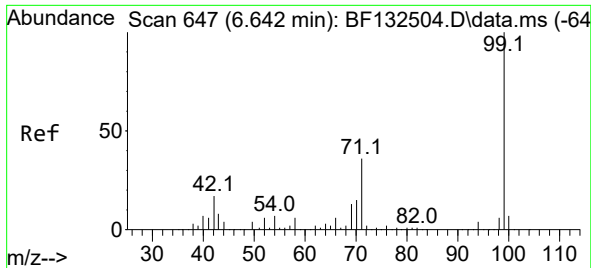
Tgt Ion:152 Resp: 209288
Ion Ratio Lower Upper
152 100
150 158.4 125.4 188.2
115 60.9 47.8 71.6



#5
2-Fluorophenol
Concen: 25.361 ng
RT: 5.604 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion:112 Resp: 327035
Ion Ratio Lower Upper
112 100
64 56.2 51.6 77.4
63 29.2 27.4 41.2

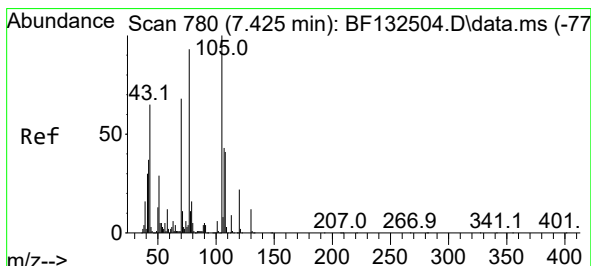
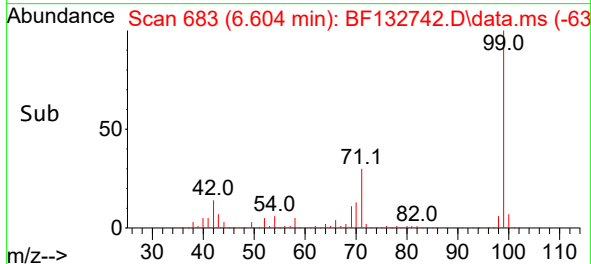
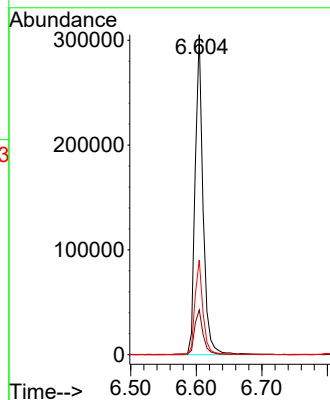
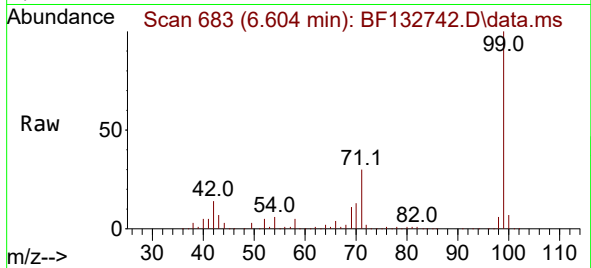




#7
Phenol-d6
Concen: 15.257 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.017 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

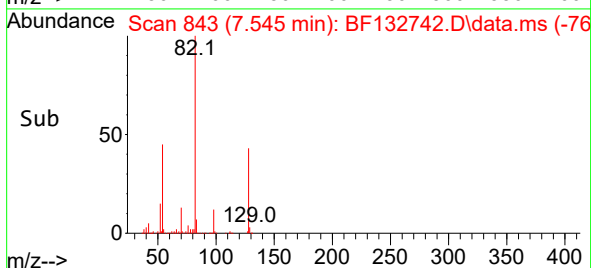
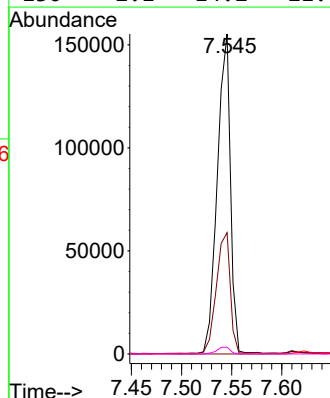
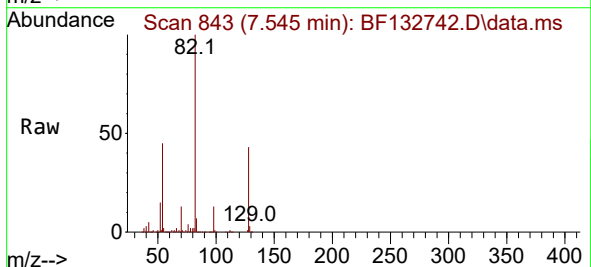
Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

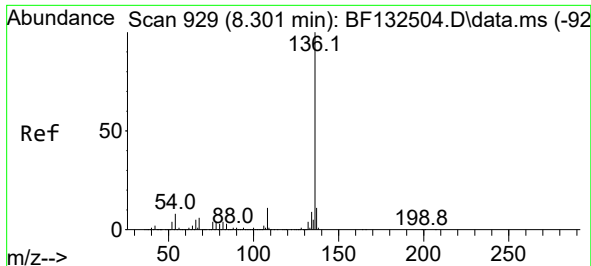
Tgt Ion: 99 Resp: 256761
Ion Ratio Lower Upper
99 100
42 14.0 13.9 20.9
71 29.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.723 ng
RT: 7.545 min Scan# 843
Delta R.T. 0.147 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion: 70 Resp: 142140
Ion Ratio Lower Upper
70 100
42 37.9 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



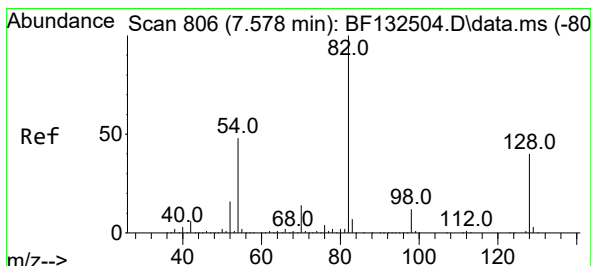
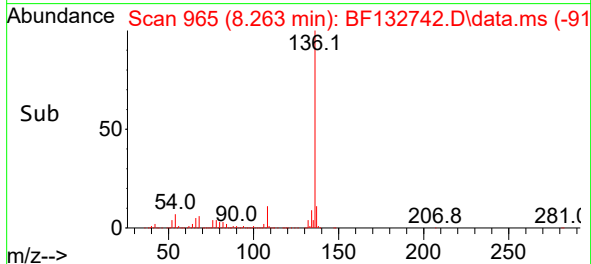
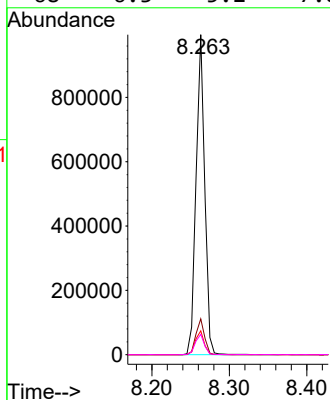
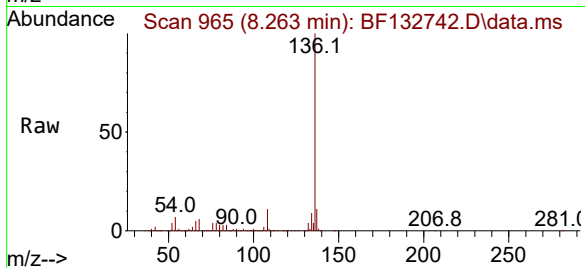


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

Tgt Ion:136 Resp: 771858

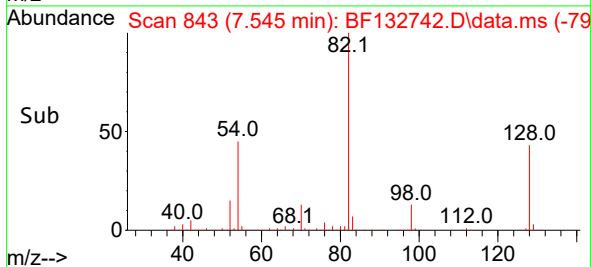
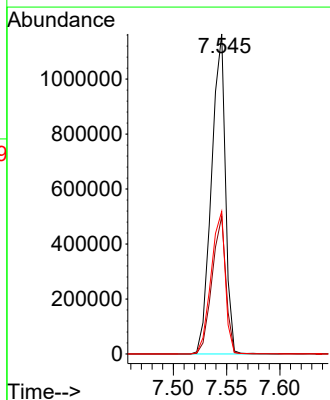
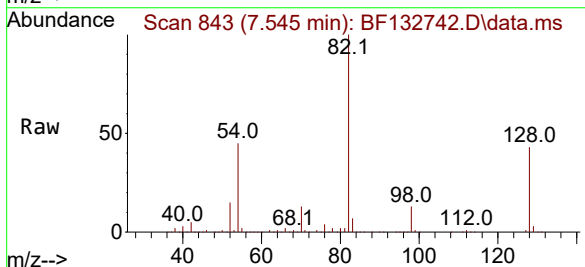
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.5	6.2	9.4
68	6.3	5.2	7.8

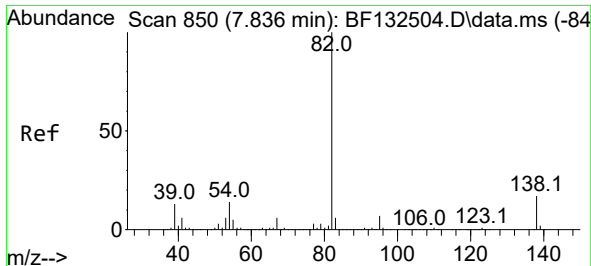


#23
Nitrobenzene-d5
Concen: 65.098 ng
RT: 7.545 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion: 82 Resp: 1059057

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.2
54	44.6	38.4	57.6

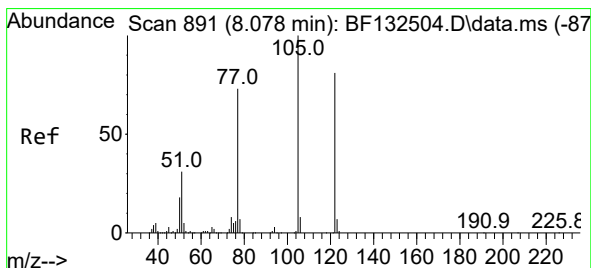
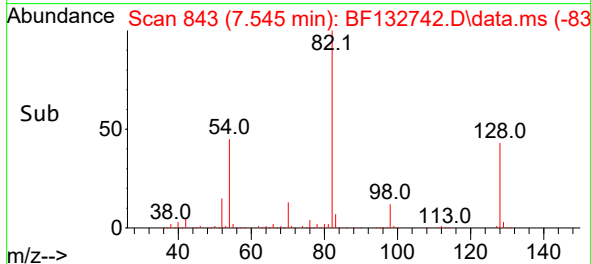
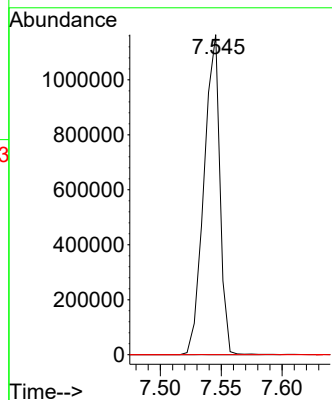
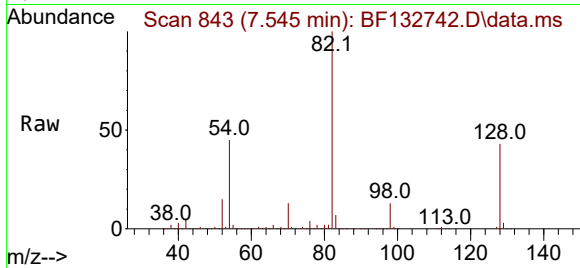




#25
Isophorone
Concen: 33.927 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.264 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

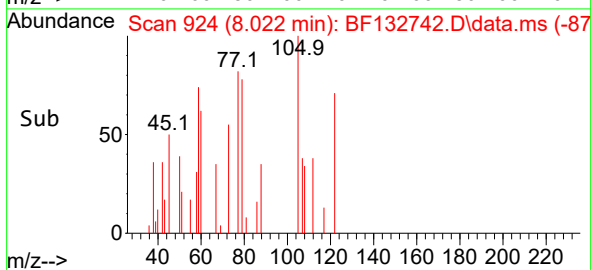
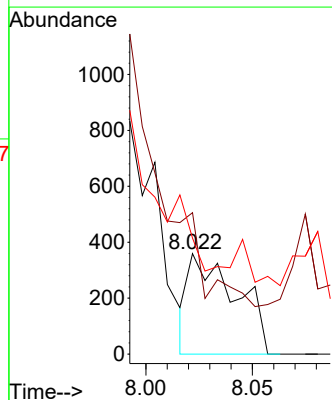
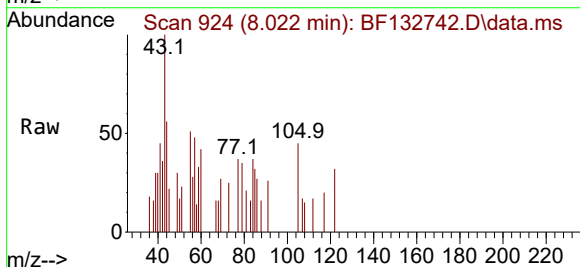
Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

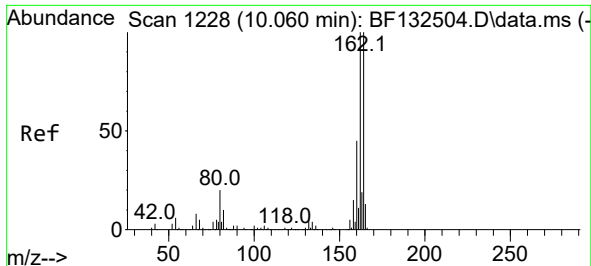
Tgt Ion: 82 Resp: 1058204
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.890 ng
RT: 8.022 min Scan# 924
Delta R.T. -0.029 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion: 122 Resp: 556
Ion Ratio Lower Upper
122 100
105 140.9 102.6 142.6
77 115.6 70.2 110.2#

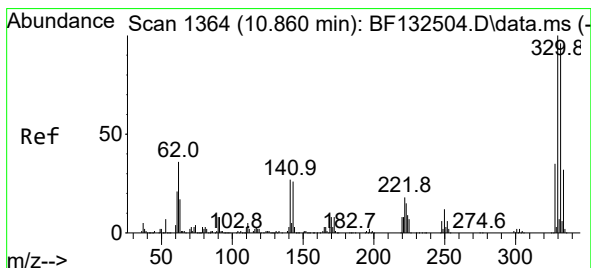
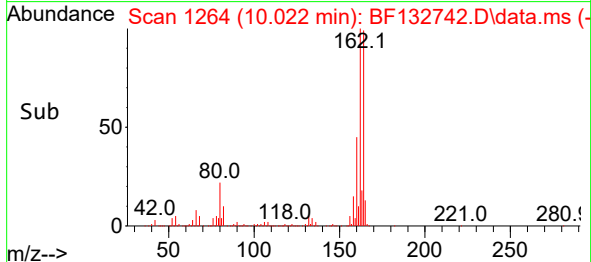
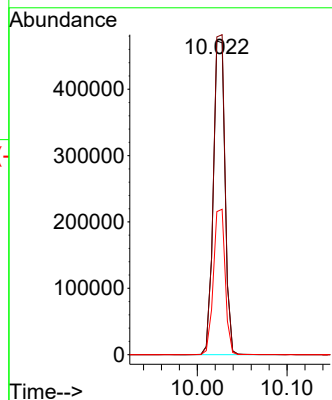
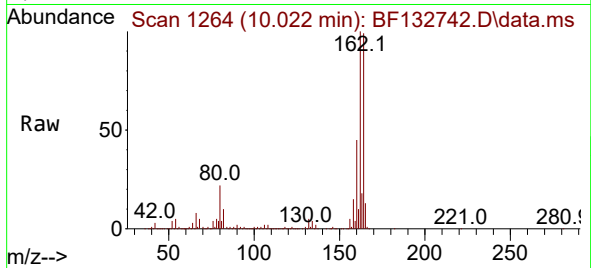




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

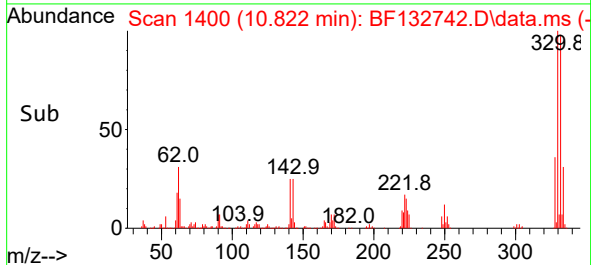
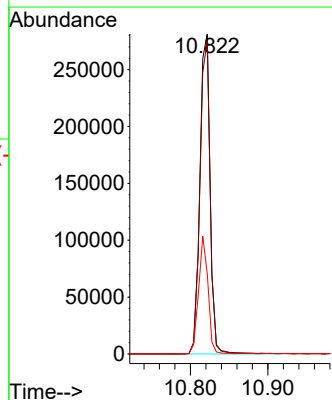
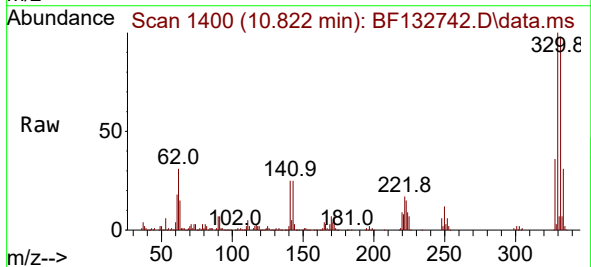
Instrument :
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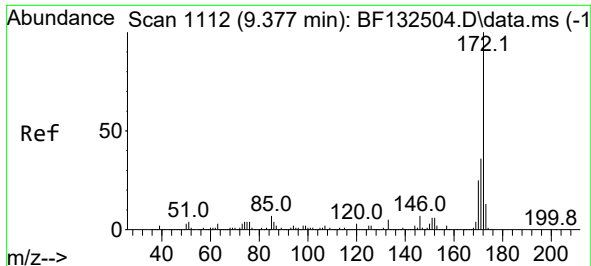
Tgt Ion:164 Resp: 428499
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.8
160 45.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 55.560 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion:330 Resp: 257110
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 34.2 28.4 42.6

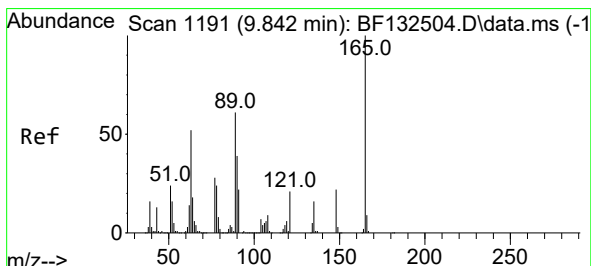
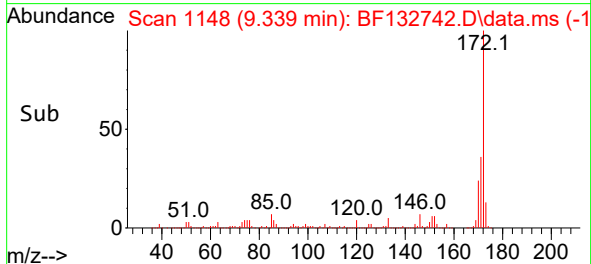
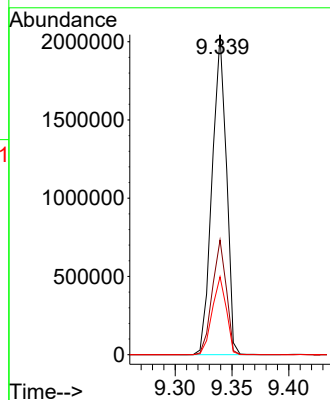
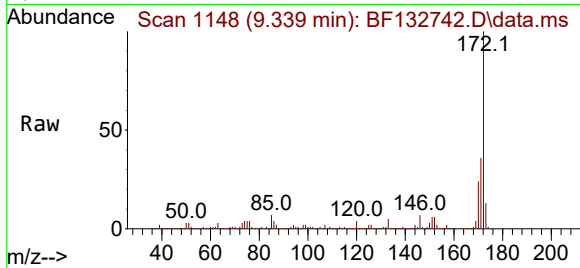




#45
2-Fluorobiphenyl
Concen: 63.307 ng
RT: 9.339 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

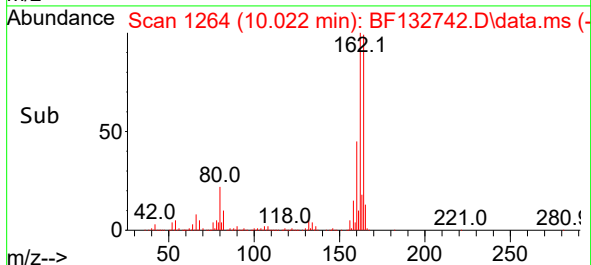
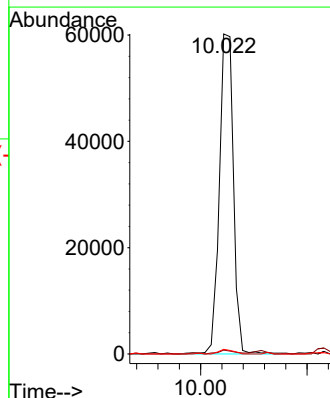
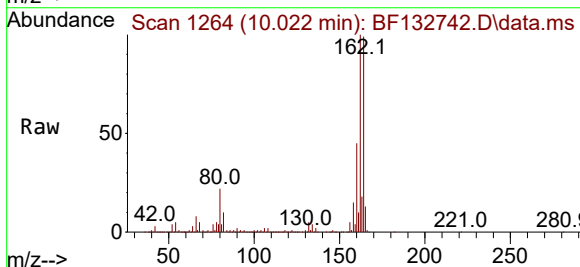
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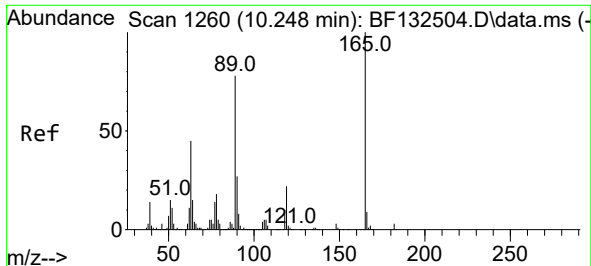
Tgt Ion:172 Resp: 1781551
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.770 ng
RT: 10.022 min Scan# 1264
Delta R.T. 0.206 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion:165 Resp: 55207
Ion Ratio Lower Upper
165 100
63 1.2 47.3 70.9#
89 1.5 48.9 73.3#

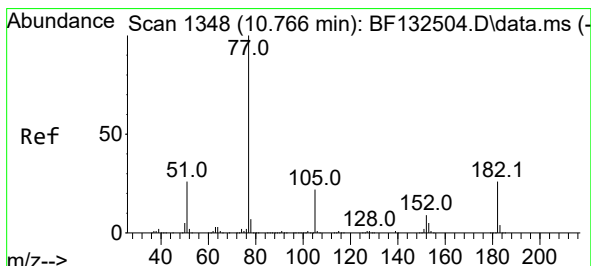
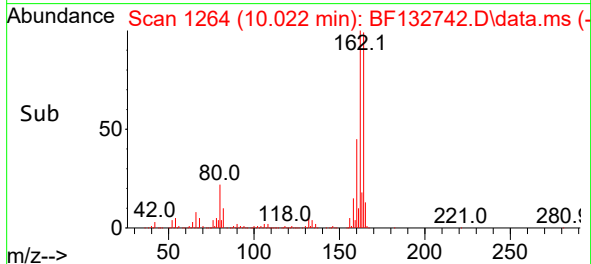
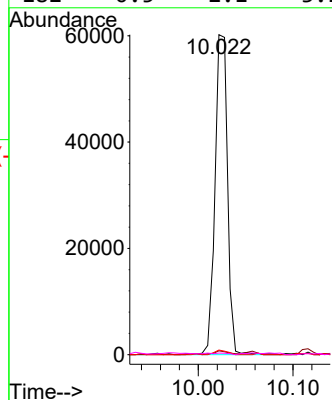
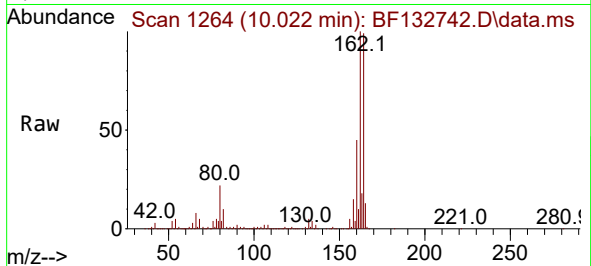




#57
2,4-Dinitrotoluene
Concen: 5.845 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

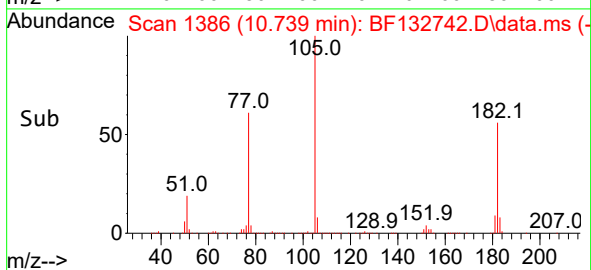
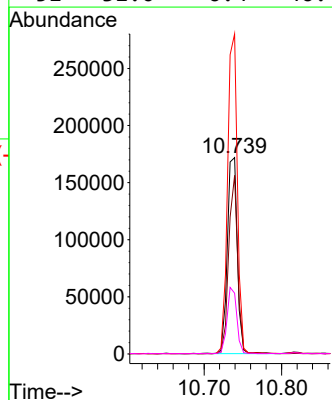
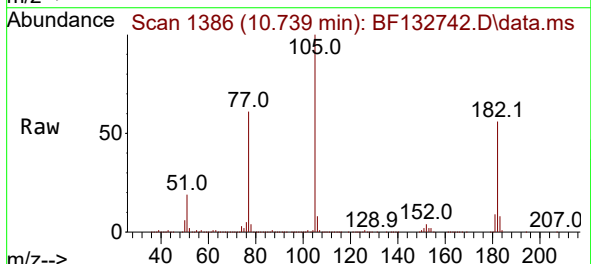
Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

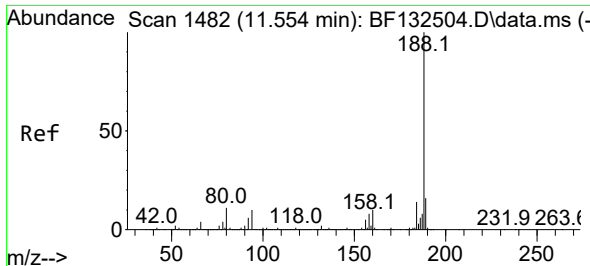
Tgt Ion:165 Resp: 55257
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.5 62.4 93.6#
182 0.5 2.1 3.1#



#63
Azobenzene
Concen: 4.753 ng
RT: 10.739 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion: 77 Resp: 153373
Ion Ratio Lower Upper
77 100
182 90.9 5.5 45.5#
105 163.0 1.8 41.8#
51 31.0 6.4 46.4

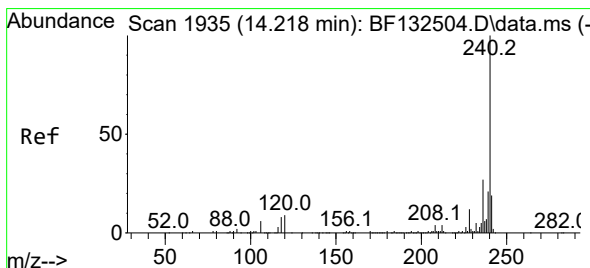
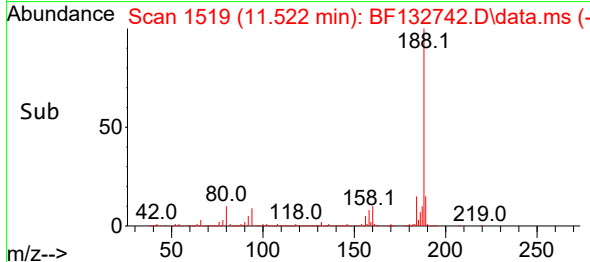
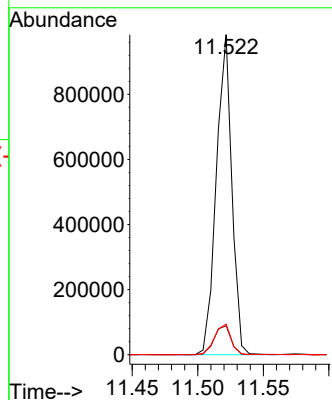
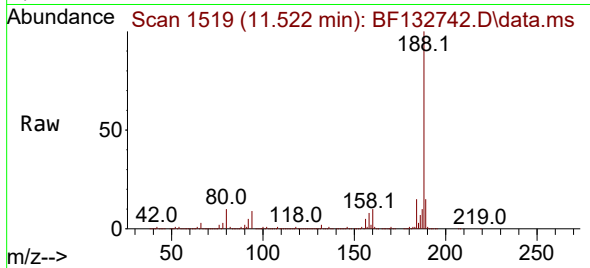




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

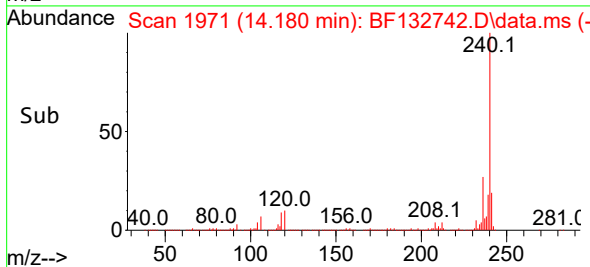
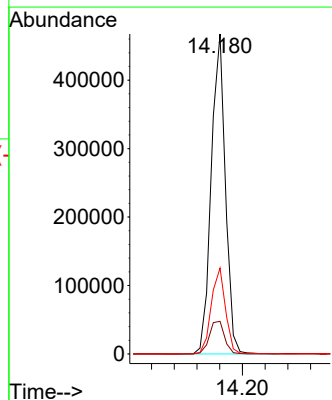
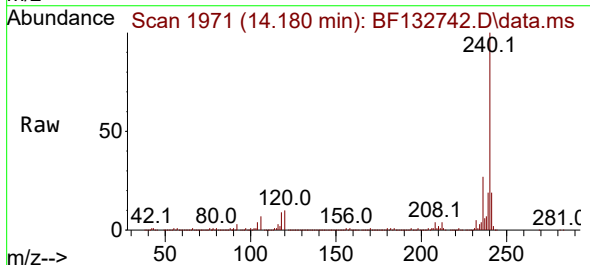
Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

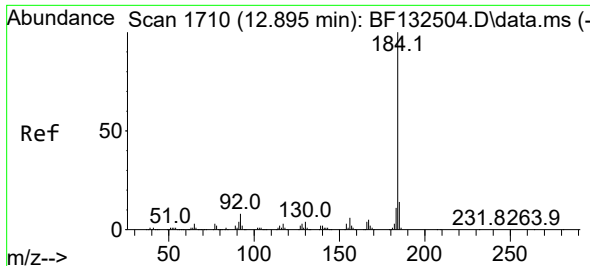
Tgt Ion:188 Resp: 805931
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.5 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion:240 Resp: 403100
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 26.8 21.8 32.6

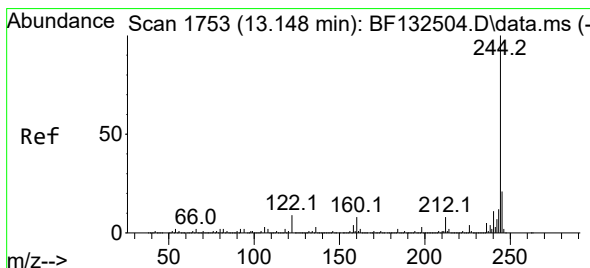
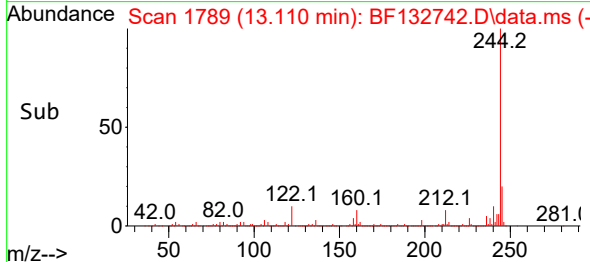
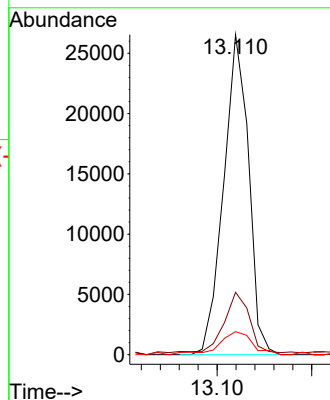
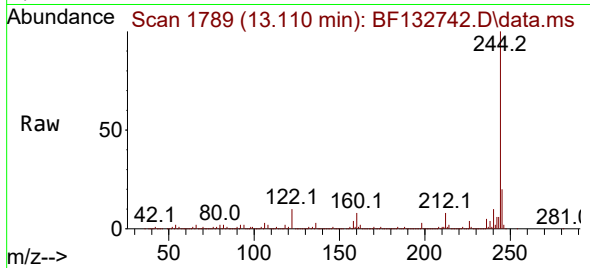




#77
Benzidine
Concen: 2.479 ng
RT: 13.110 min Scan# 1789
Delta R.T. 0.241 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

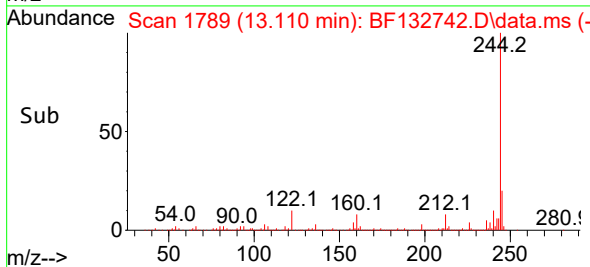
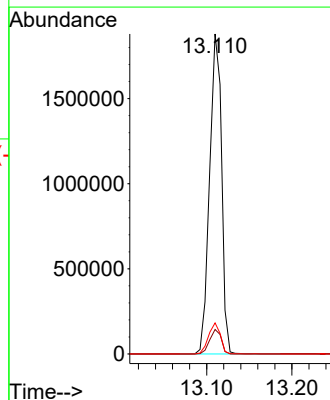
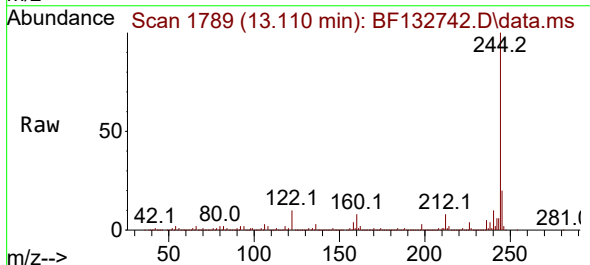
Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

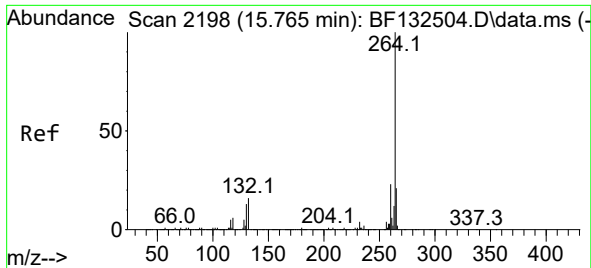
Tgt Ion:184 Resp: 24323
Ion Ratio Lower Upper
184 100
185 19.5 11.7 17.5#
183 7.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 76.902 ng
RT: 13.110 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion:244 Resp: 1833465
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 9.7 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132742.D
 Acq: 10 Mar 2023 15:31

Instrument :
 BNA_F
 ClientSampleId :
 20230167-COMPOSITE-1-ELUTRIATE

Tgt Ion:264 Resp: 422871
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.8 28.2
 265 22.1 17.1 25.7

