

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132760.D
 Acq On : 13 Mar 2023 15:08
 Operator : CG\JU
 Sample : 01853-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230162-COMPOSITE-1

Quant Time: Mar 14 01:30:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

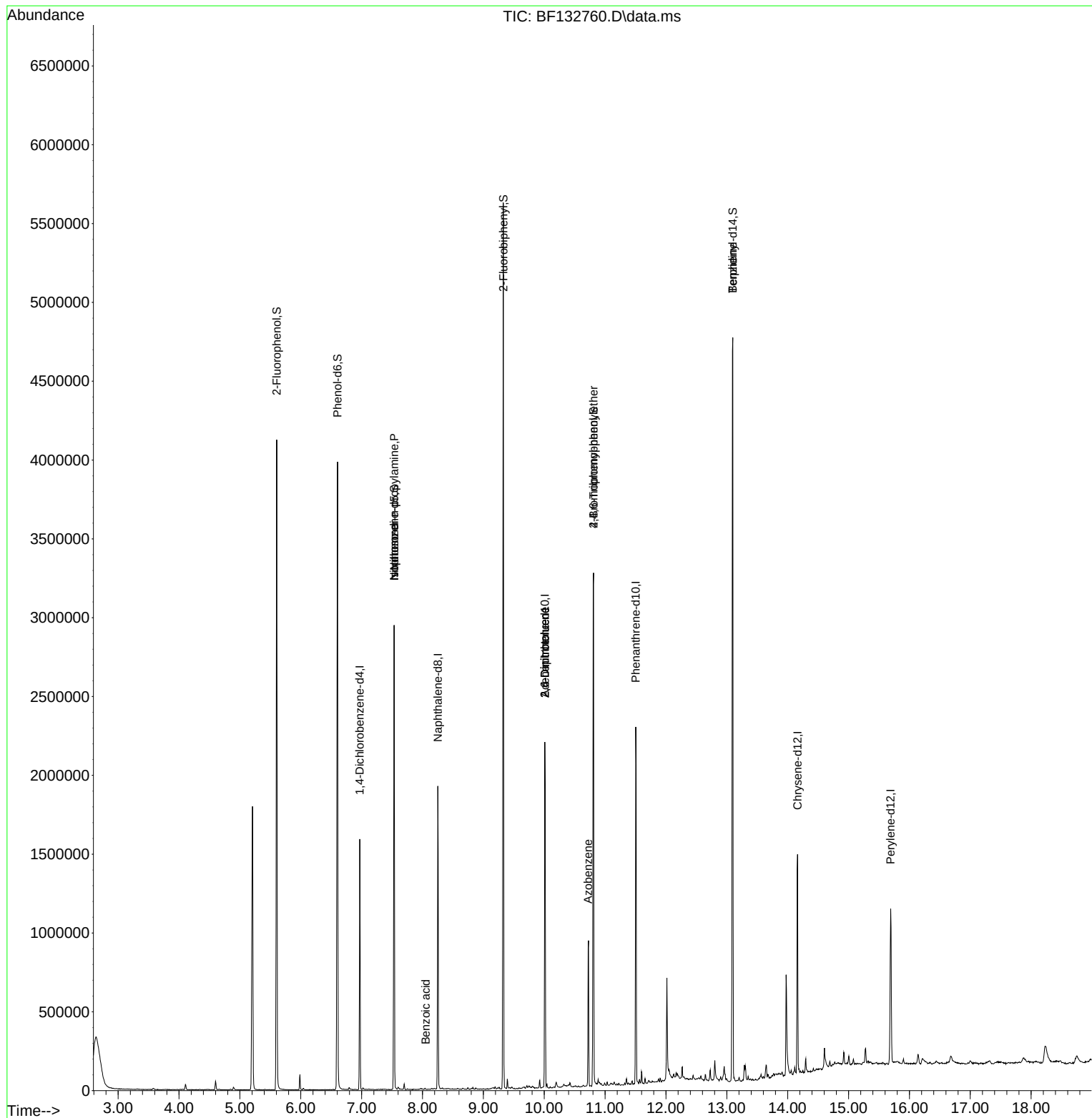
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	215495	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	801566	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	446283	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	868876	20.000	ng	0.00
76) Chrysene-d12	14.162	240	480227	20.000	ng	0.00
86) Perylene-d12	15.692	264	462079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1155698	87.040	ng	0.00
7) Phenol-d6	6.604	99	1440489	83.127	ng	0.00
23) Nitrobenzene-d5	7.533	82	937918	55.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	431344	89.497	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1578016	53.840	ng	0.00
79) Terphenyl-d14	13.098	244	1854101	65.278	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.533	70	121675	11.409	ng	# 76
25) Isophorone	7.533	82	937909	28.956	ng	# 67
32) Benzoic acid	8.051	122	61	3.842	ng	# 23
51) 2,6-Dinitrotoluene	10.010	165	59345	8.019	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	59345	6.028	ng	# 21
63) Azobenzene	10.721	77	169596	5.046	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	28575	2.907	ng	# 1
77) Benzidine	13.098	184	24475	2.094	ng	# 90

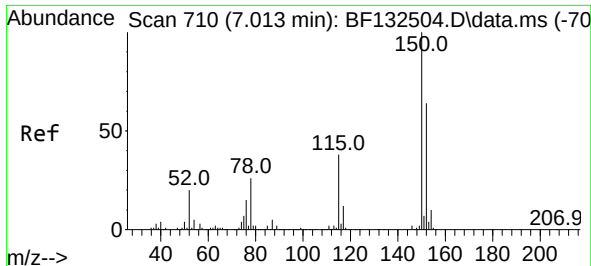
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
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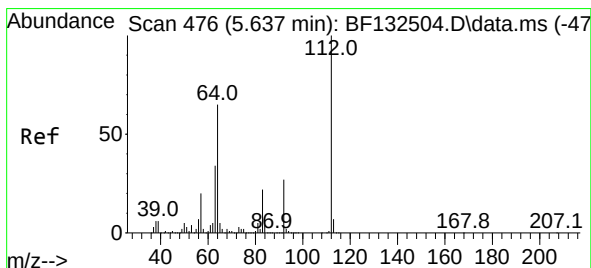
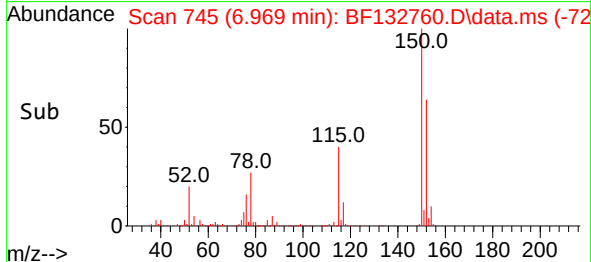
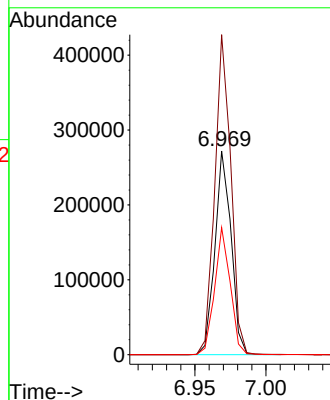
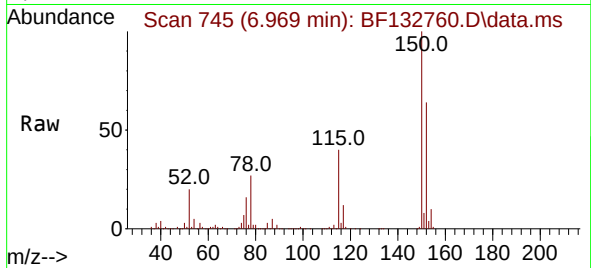




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

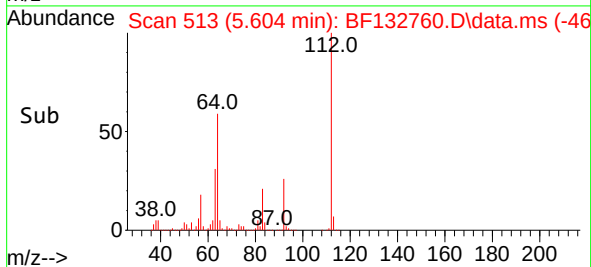
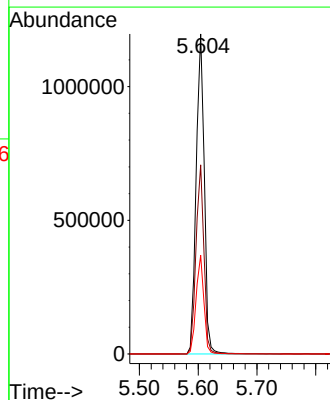
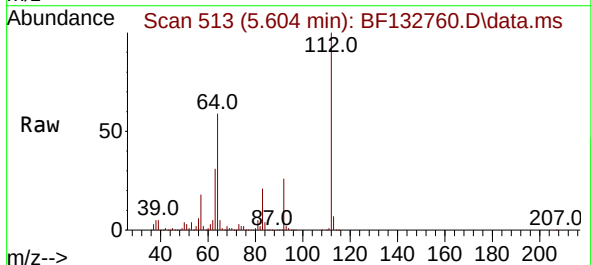
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

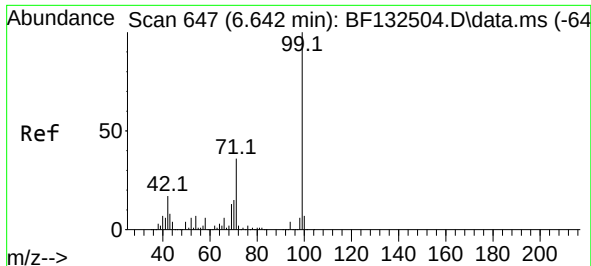
Tgt Ion:152 Resp: 215495
Ion Ratio Lower Upper
152 100
150 157.1 125.4 188.2
115 62.4 47.8 71.6



#5
2-Fluorophenol
Concen: 87.040 ng
RT: 5.604 min Scan# 513
Delta R.T. 0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion:112 Resp: 1155698
Ion Ratio Lower Upper
112 100
64 59.1 51.6 77.4
63 30.8 27.4 41.2

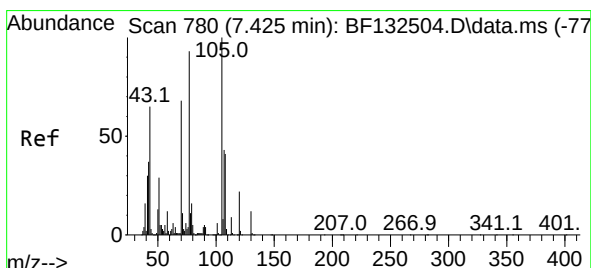
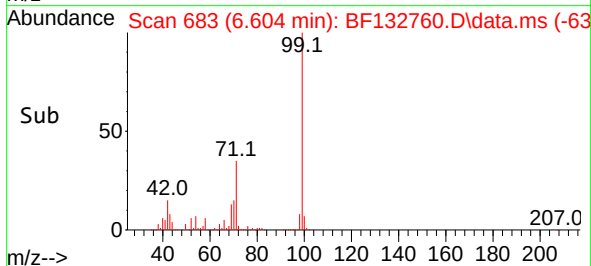
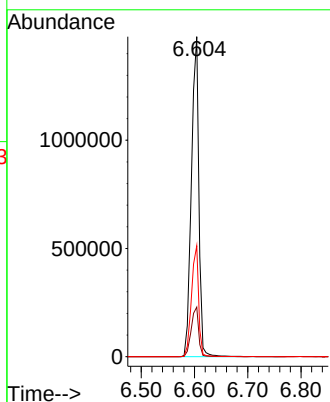
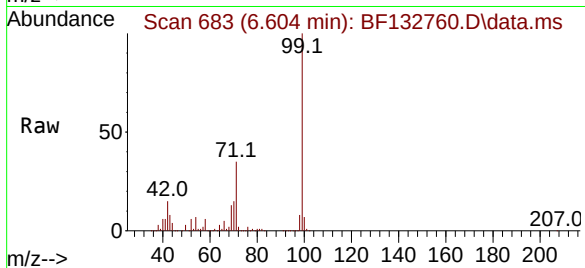




#7
Phenol-d6
Concen: 83.127 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

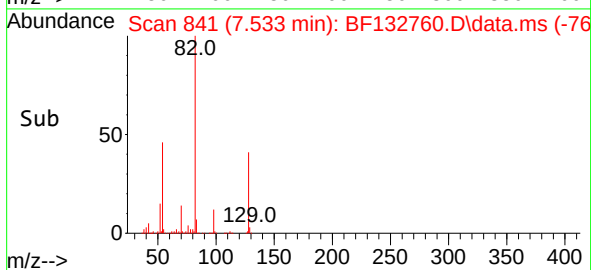
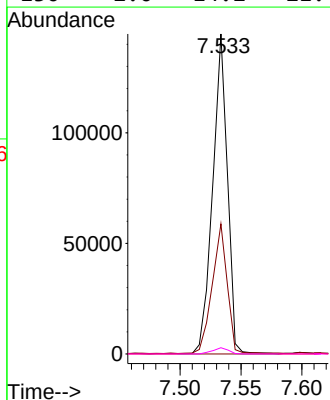
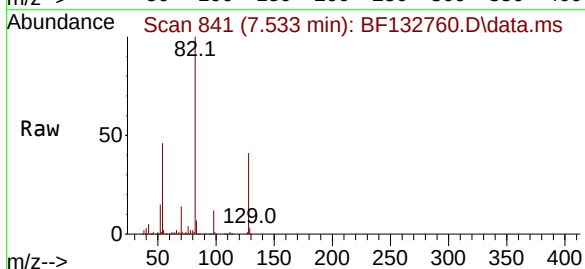
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

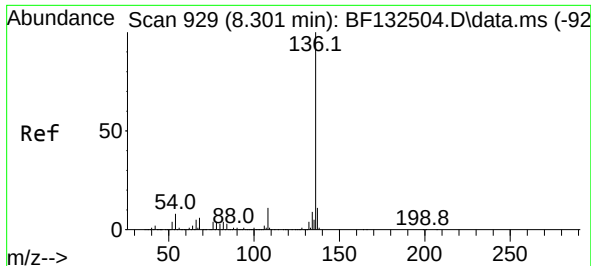
Tgt Ion: 99 Resp: 1440489
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 34.7 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.409 ng
RT: 7.533 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion: 70 Resp: 121675
Ion Ratio Lower Upper
70 100
42 40.7 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

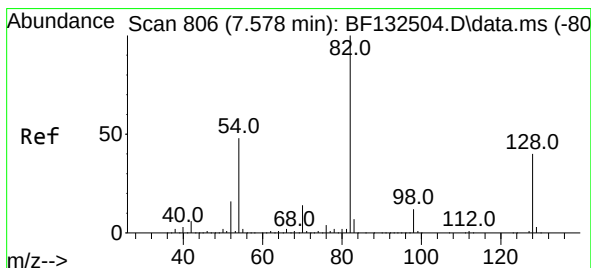
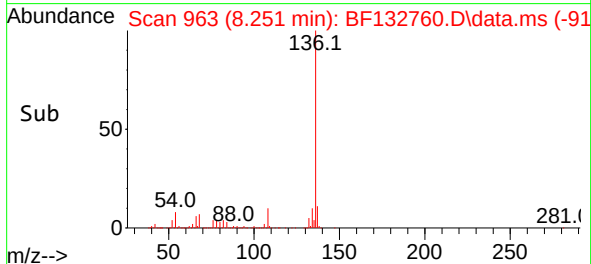
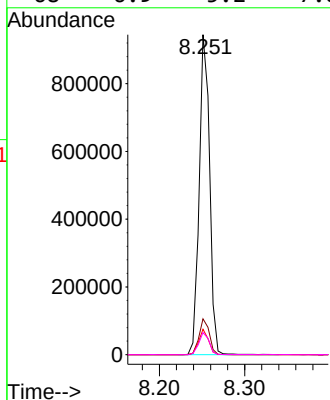
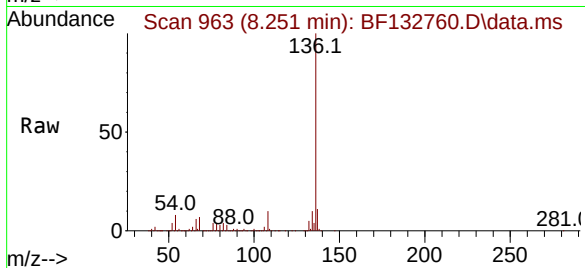




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

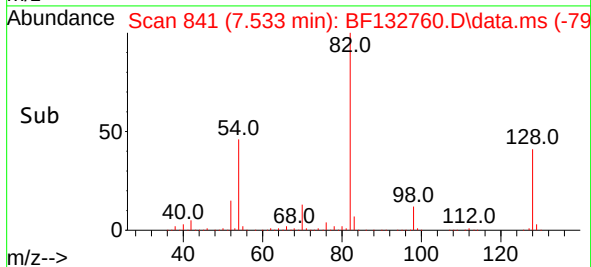
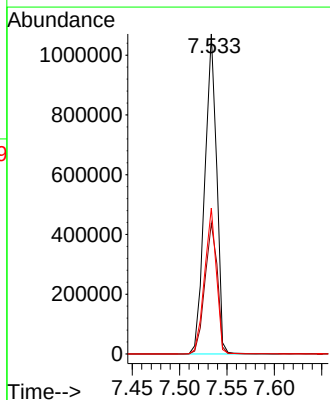
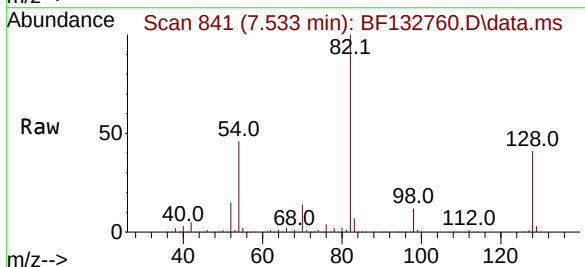
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

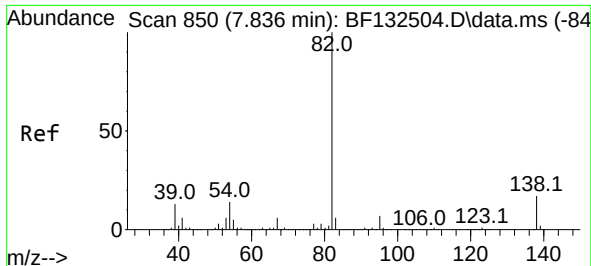
Tgt Ion:	136	Resp:	801566
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	6.2	9.4
68	6.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 55.515 ng
RT: 7.533 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion:	82	Resp:	937918
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.2	48.2
54	45.6	38.4	57.6

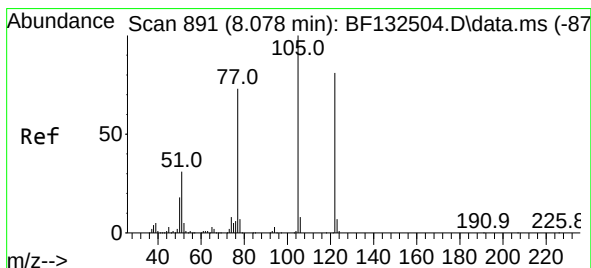
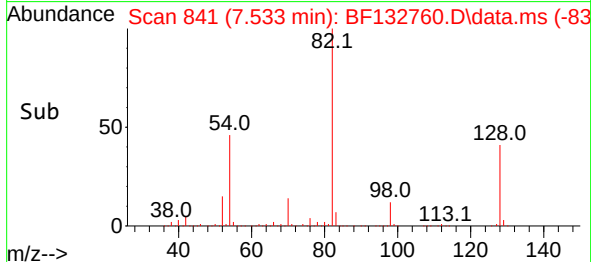
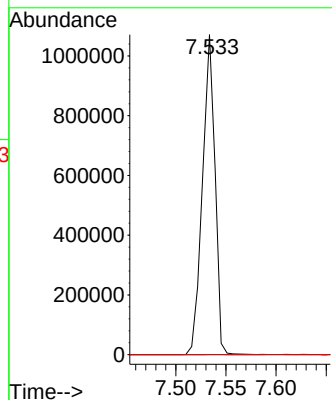
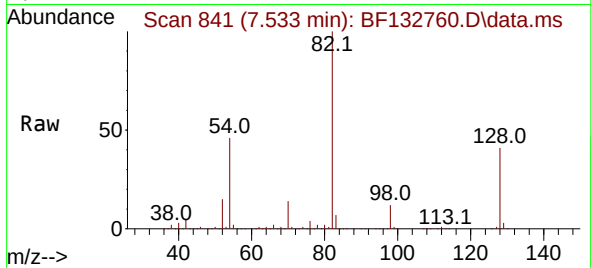




#25
Isophorone
Concen: 28.956 ng
RT: 7.533 min Scan# 841
Delta R.T. -0.265 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

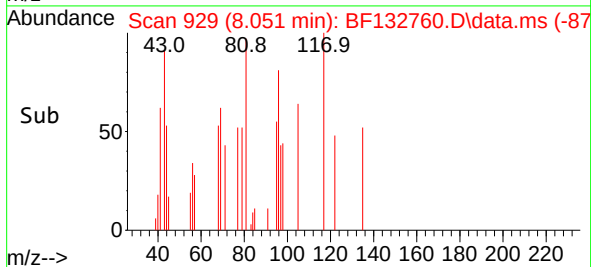
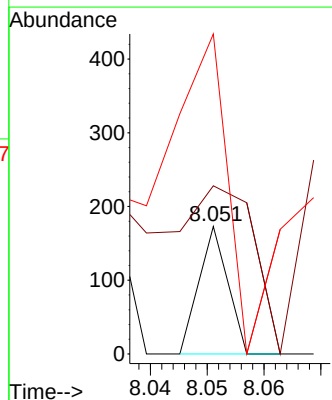
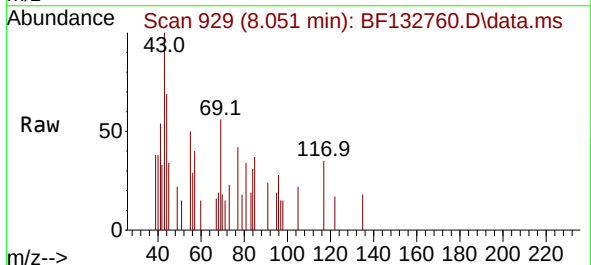
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

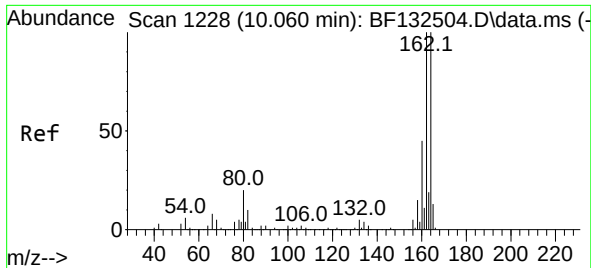
Tgt Ion: 82 Resp: 937909
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.842 ng
RT: 8.051 min Scan# 929
Delta R.T. 0.012 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion: 122 Resp: 61
Ion Ratio Lower Upper
122 100
105 131.8 102.6 142.6
77 250.9 70.2 110.2#

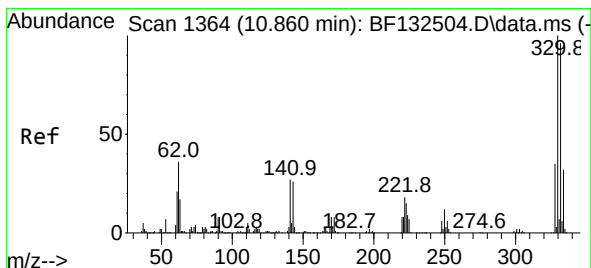
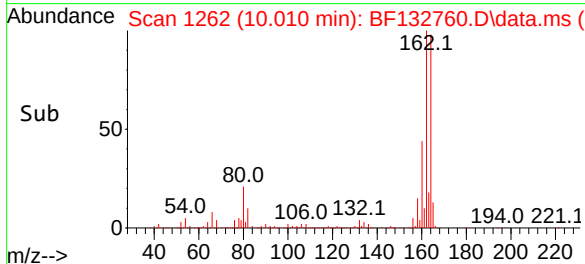
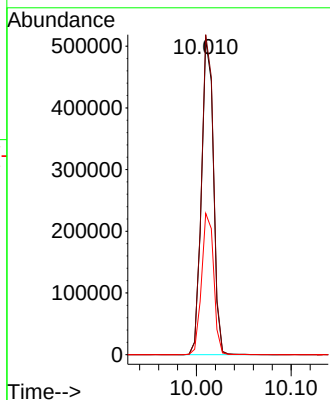
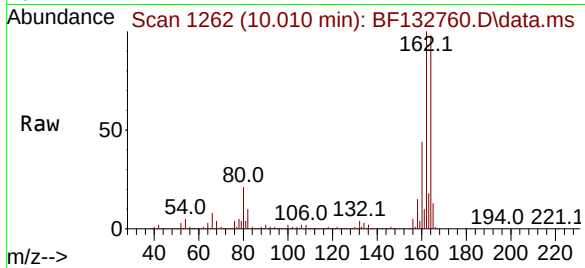




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

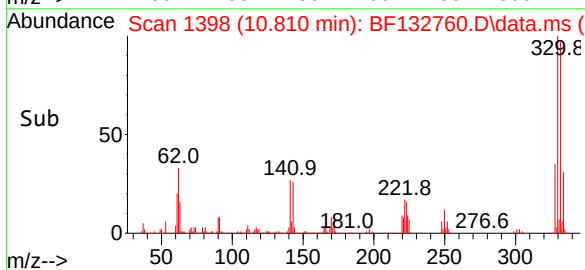
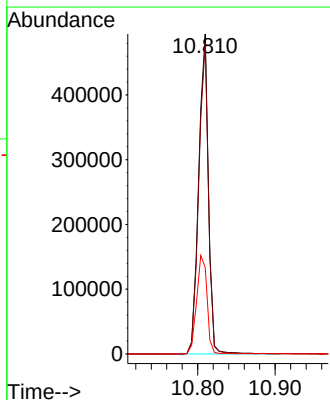
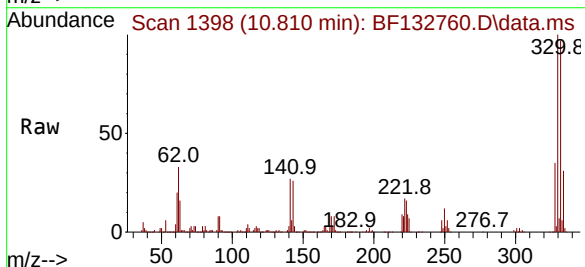
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

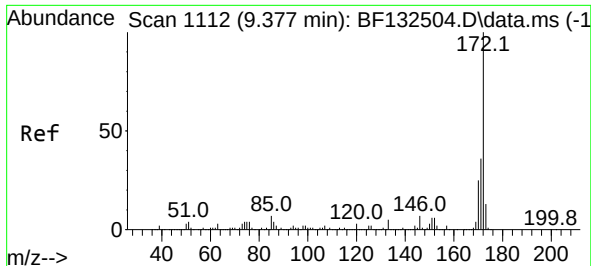
Tgt Ion:164 Resp: 446283
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 44.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 89.497 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion:330 Resp: 431344
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 32.8 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 53.840 ng

RT: 9.327 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132760.D

Acq: 13 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

20230162-COMPOSITE-1

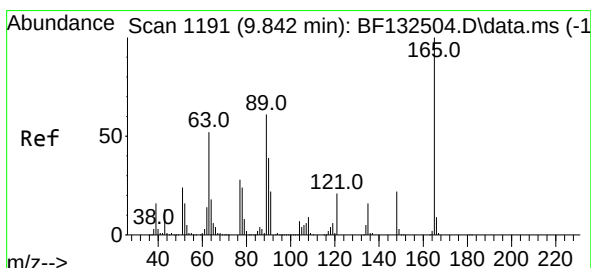
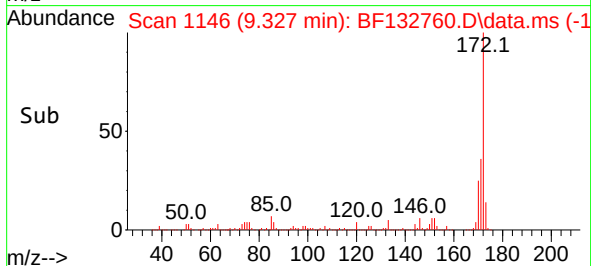
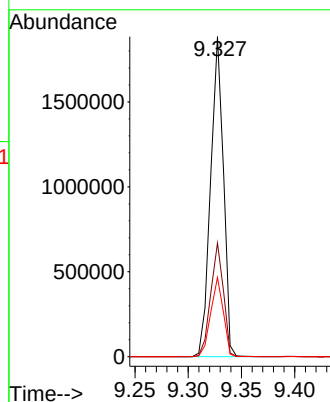
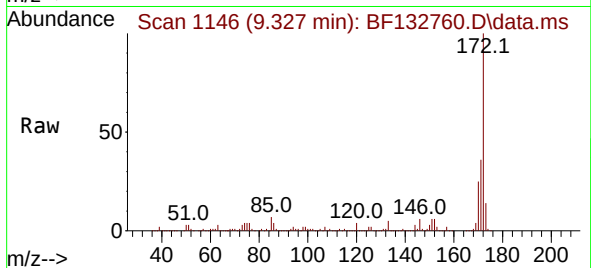
Tgt Ion:172 Resp: 1578016

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.8 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 8.019 ng

RT: 10.010 min Scan# 1262

Delta R.T. 0.206 min

Lab File: BF132760.D

Acq: 13 Mar 2023 15:08

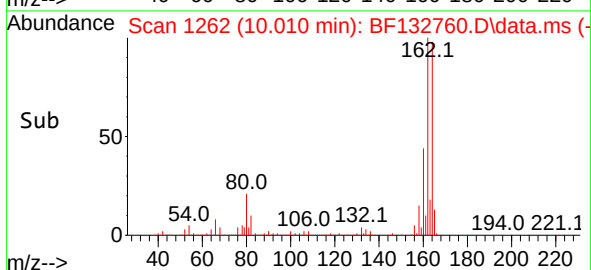
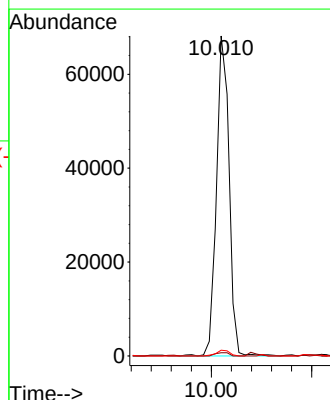
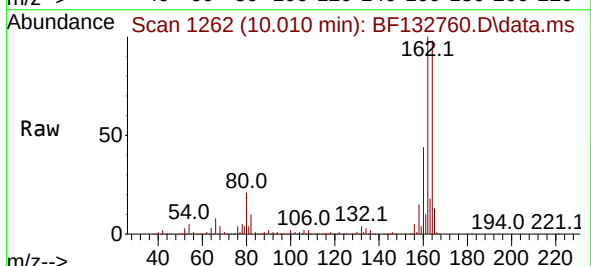
Tgt Ion:165 Resp: 59345

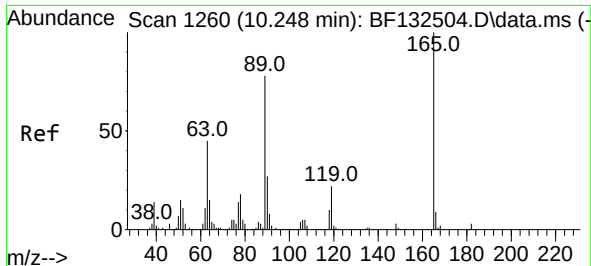
Ion Ratio Lower Upper

165 100

63 1.0 47.3 70.9#

89 1.8 48.9 73.3#

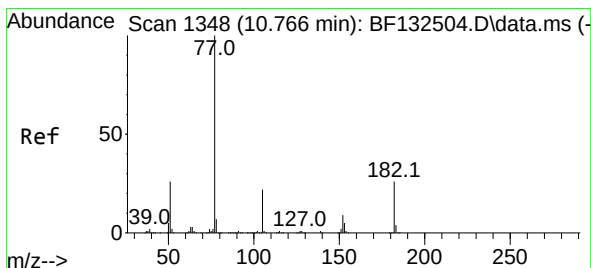
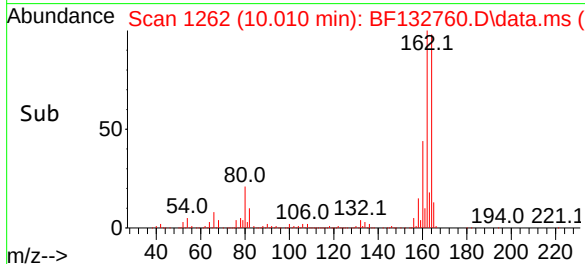
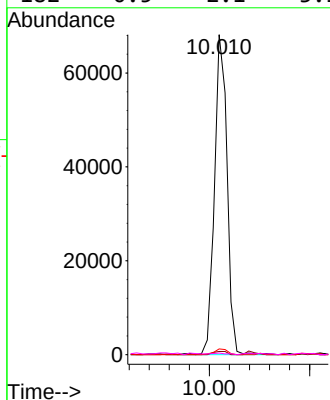
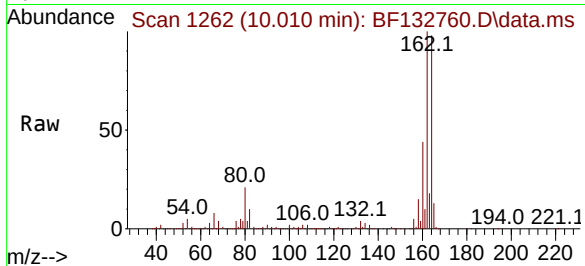




#57
2,4-Dinitrotoluene
Concen: 6.028 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

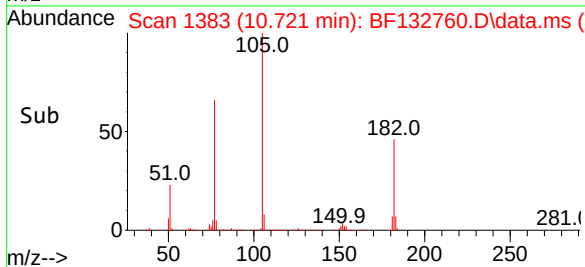
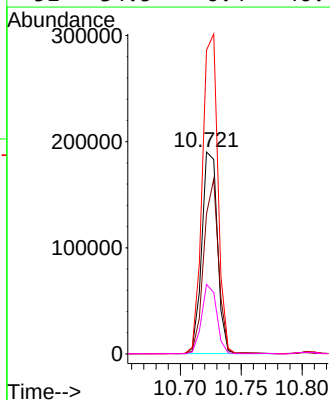
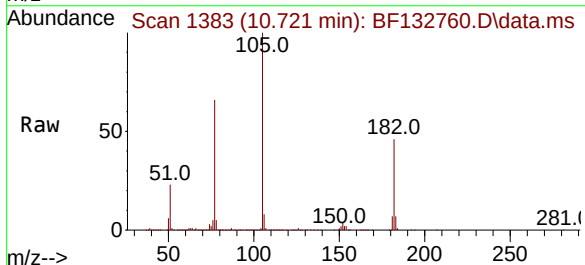
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

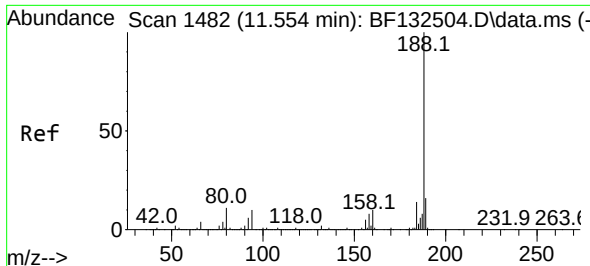
Tgt Ion:165 Resp: 59345
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.8 62.4 93.6#
182 0.5 2.1 3.1#



#63
Azobenzene
Concen: 5.046 ng
RT: 10.721 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion: 77 Resp: 169596
Ion Ratio Lower Upper
77 100
182 69.4 5.5 45.5#
105 150.5 1.8 41.8#
51 34.5 6.4 46.4

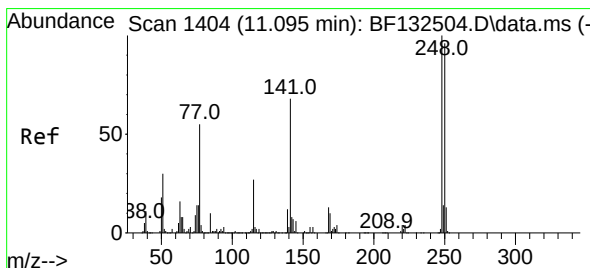
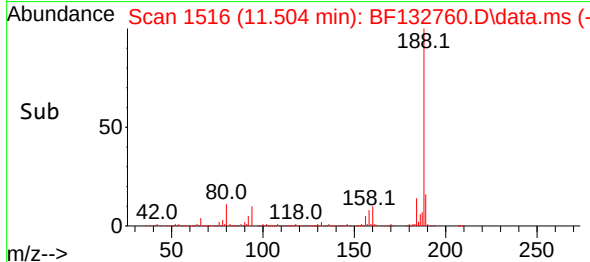
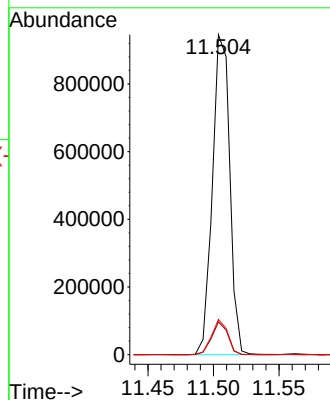
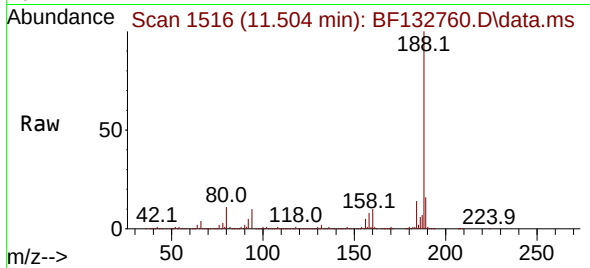




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

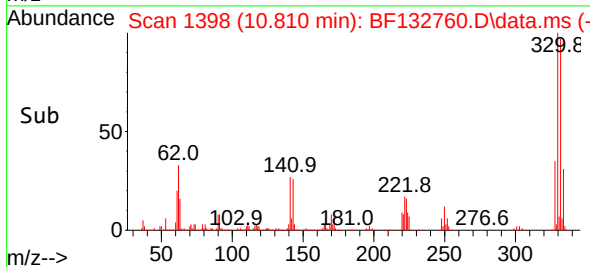
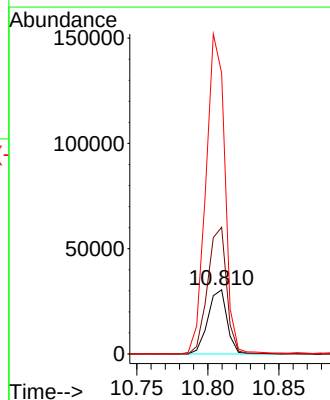
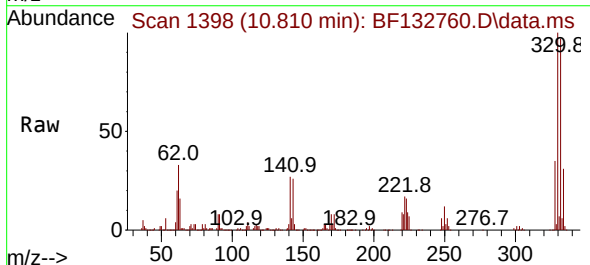
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

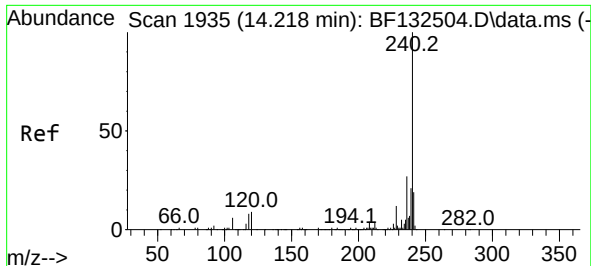
Tgt Ion:188 Resp: 868876
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.0 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.907 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.241 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion:248 Resp: 28575
Ion Ratio Lower Upper
248 100
250 197.6 77.0 115.4#
141 437.9 54.2 81.2#

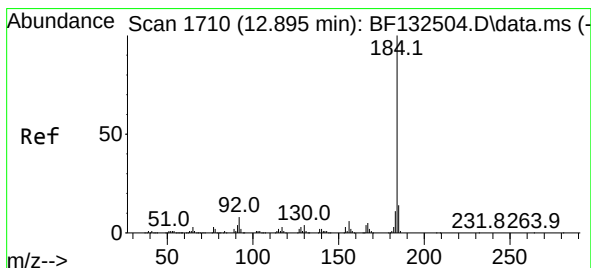
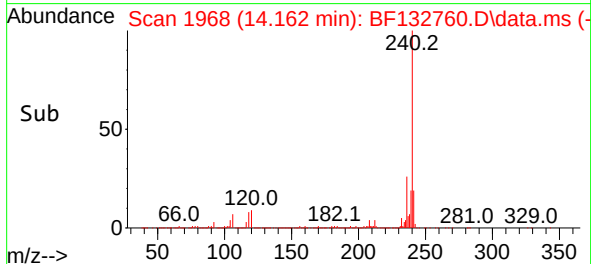
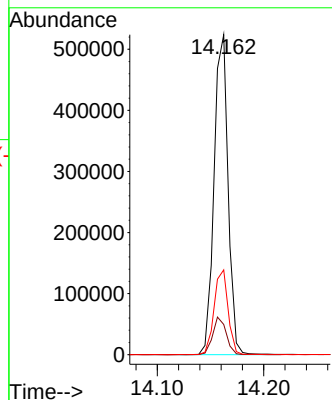
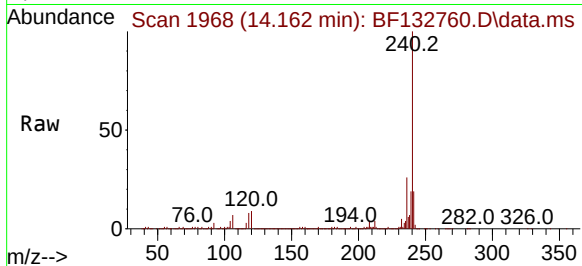




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

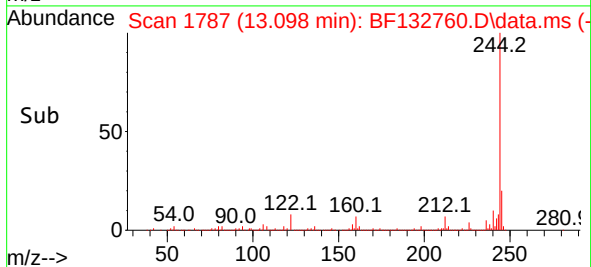
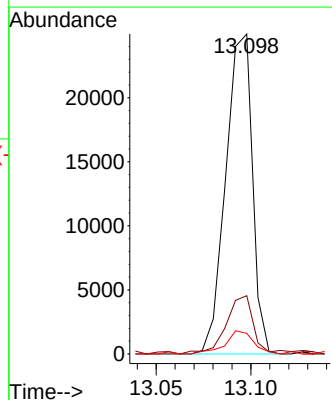
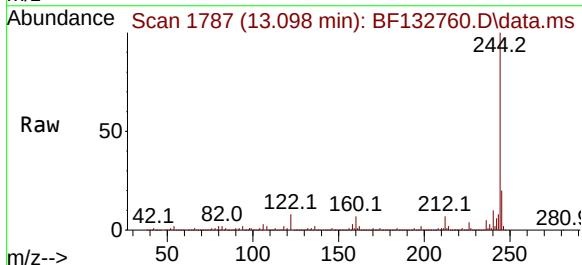
Instrument :
BNA_F
ClientSampleId :
20230162-COMPOSITE-1

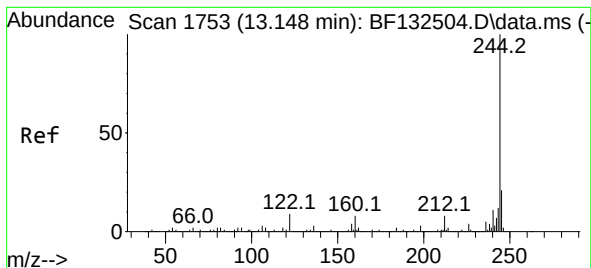
Tgt Ion:240 Resp: 480227
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 26.5 21.8 32.6



#77
Benzidine
Concen: 2.094 ng
RT: 13.098 min Scan# 1787
Delta R.T. 0.247 min
Lab File: BF132760.D
Acq: 13 Mar 2023 15:08

Tgt Ion:184 Resp: 24475
Ion Ratio Lower Upper
184 100
185 18.2 11.7 17.5#
183 6.4 8.7 13.1#





#79

Terphenyl-d14

Concen: 65.278 ng

RT: 13.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132760.D

Acq: 13 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

20230162-COMPOSITE-1

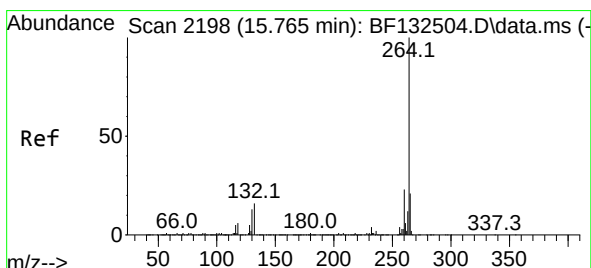
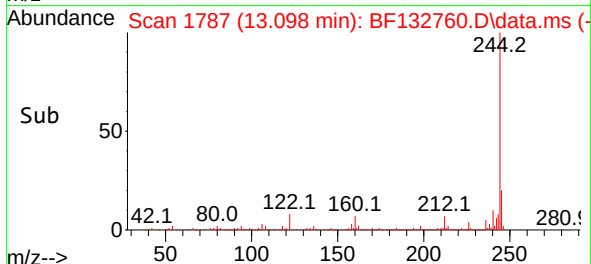
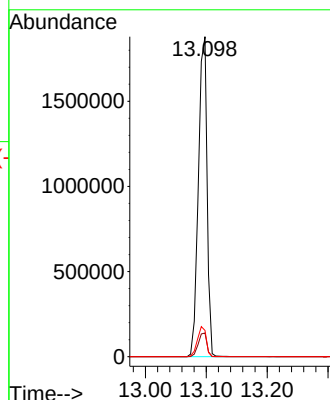
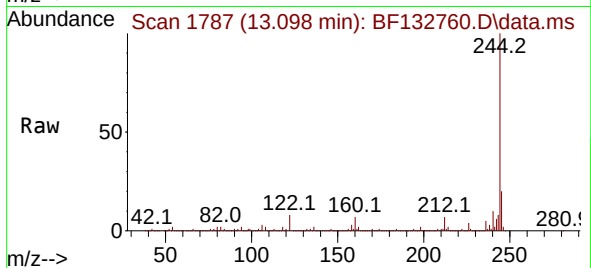
Tgt Ion:244 Resp: 1854101

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.2 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF132760.D

Acq: 13 Mar 2023 15:08

Tgt Ion:264 Resp: 462079

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 22.1 17.1 25.7

