

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF0222323\
 Data File : BF132520.D
 Acq On : 23 Feb 2023 14:58
 Operator : CG\JU
 Sample : 01657-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB01

Quant Time: Feb 24 00:36:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

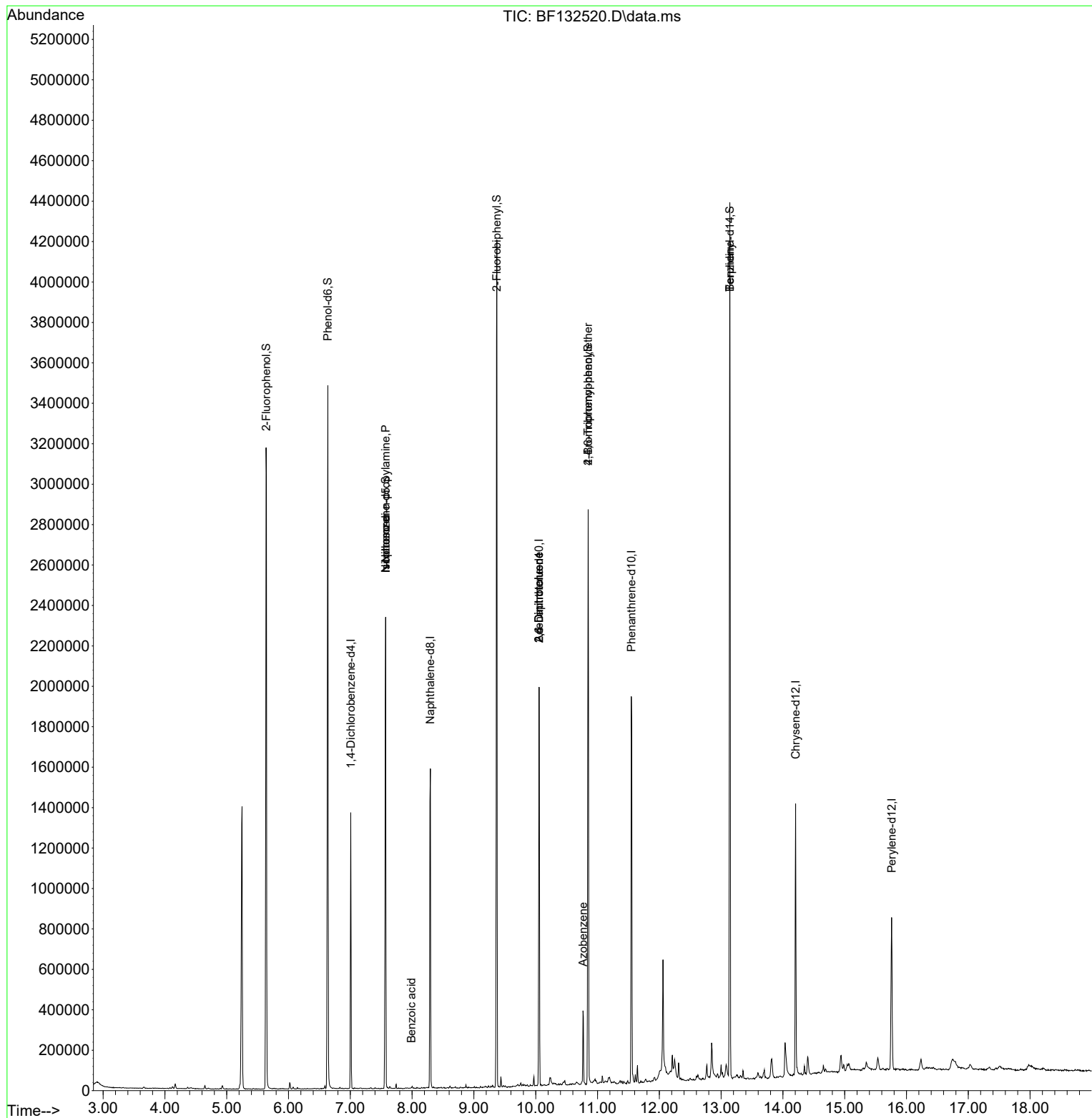
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	178747	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	664093	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	367684	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	732943	20.000	ng	0.00
76) Chrysene-d12	14.207	240	419086	20.000	ng	-0.01
86) Perylene-d12	15.759	264	350804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	897110	81.455	ng	0.00
7) Phenol-d6	6.636	99	1147804	79.854	ng	0.00
23) Nitrobenzene-d5	7.572	82	750301	53.603	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	319659	80.502	ng	-0.01
45) 2-Fluorobiphenyl	9.372	172	1247661	51.668	ng	0.00
79) Terphenyl-d14	13.142	244	1464630	59.089	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.572	70	102278	11.562	ng	# 78
25) Isophorone	7.572	82	748554	27.894	ng	# 67
32) Benzoic acid	7.989	122	222	3.861	ng	# 81
51) 2,6-Dinitrotoluene	10.054	165	48112	7.891	ng	# 23
57) 2,4-Dinitrotoluene	10.054	165	48112	5.931	ng	# 21
63) Azobenzene	10.766	77	64605	2.333	ng	# 1
67) 4-Bromophenyl-phenylether	10.848	248	21736	2.622	ng	# 1
77) Benzidine	13.142	184	21043	2.063	ng	# 92

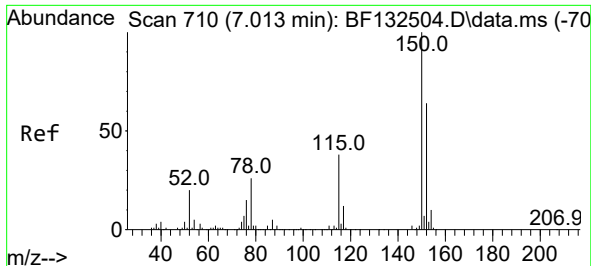
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132520.D
Acq On : 23 Feb 2023 14:58
Operator : CG\JU
Sample : 01657-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-17-SB01

Quant Time: Feb 24 00:36:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:59:42 2023
Response via : Initial Calibration

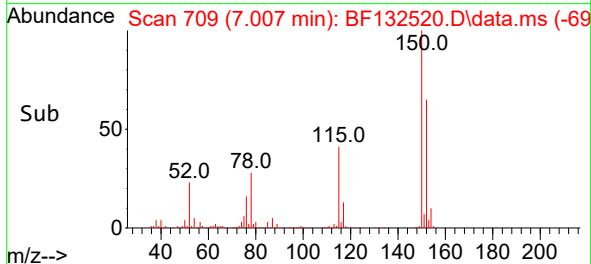
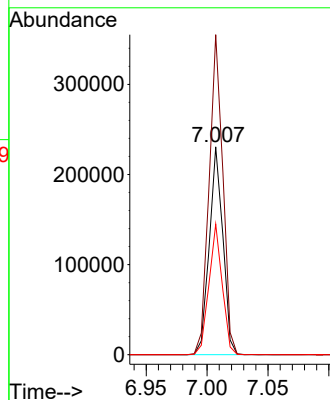
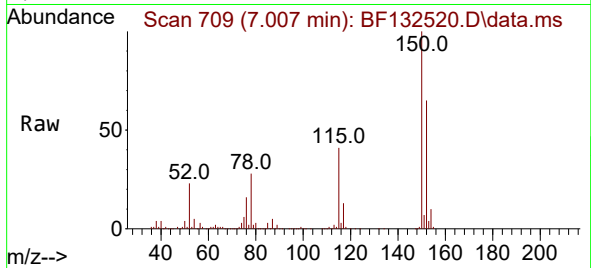




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.007 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF132520.D
 Acq: 23 Feb 2023 14:58

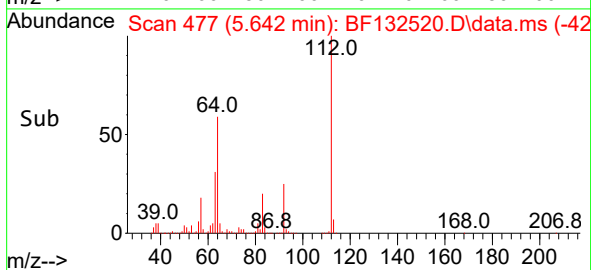
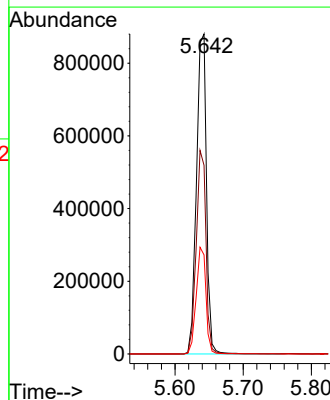
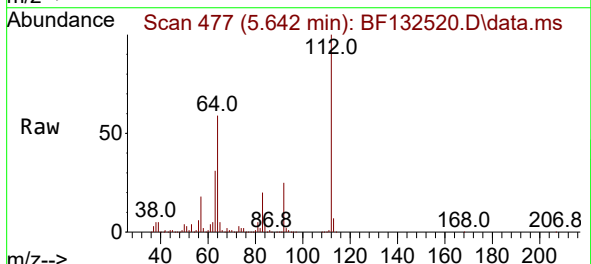
Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB01

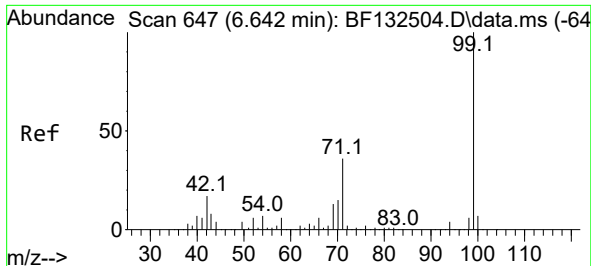
Tgt Ion:152 Resp: 178747
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.4 188.2
 115 62.8 47.8 71.6



#5
 2-Fluorophenol
 Concen: 81.455 ng
 RT: 5.642 min Scan# 477
 Delta R.T. 0.006 min
 Lab File: BF132520.D
 Acq: 23 Feb 2023 14:58

Tgt Ion:112 Resp: 897110
 Ion Ratio Lower Upper
 112 100
 64 58.9 51.6 77.4
 63 31.0 27.4 41.2

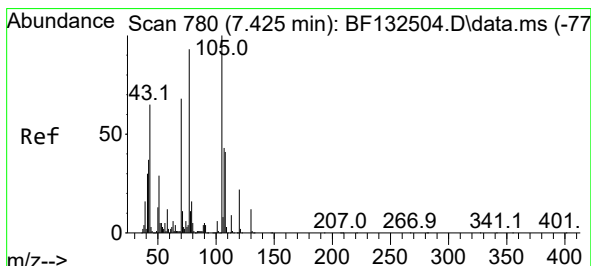
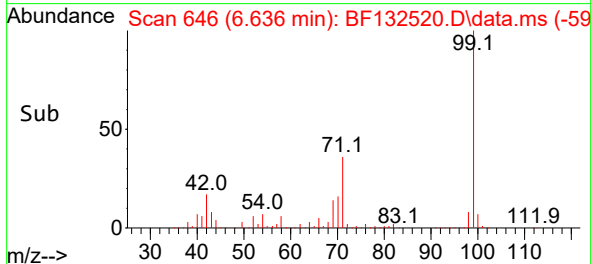
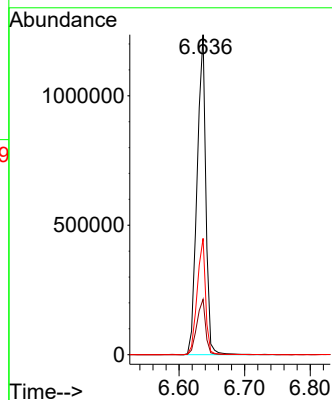
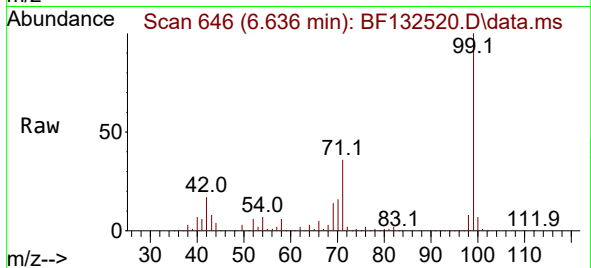




#7
Phenol-d6
Concen: 79.854 ng
RT: 6.636 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

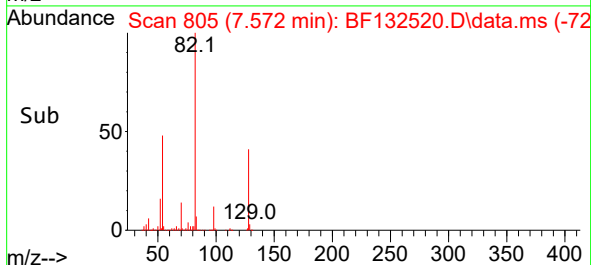
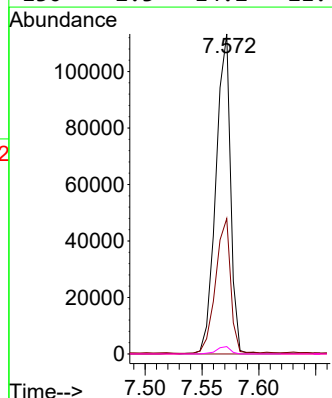
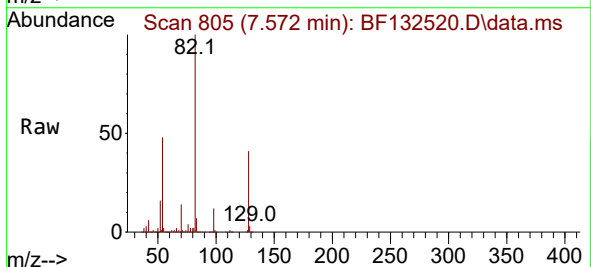
Instrument :
BNA_F
ClientSampleId :
B-17-SB01

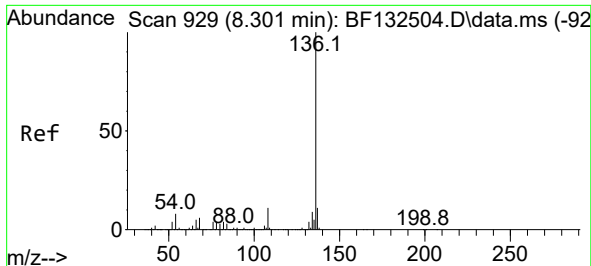
Tgt Ion: 99 Resp: 1147804
Ion Ratio Lower Upper
99 100
42 17.3 13.9 20.9
71 36.4 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.562 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.147 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

Tgt Ion: 70 Resp: 102278
Ion Ratio Lower Upper
70 100
42 42.3 44.1 66.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#

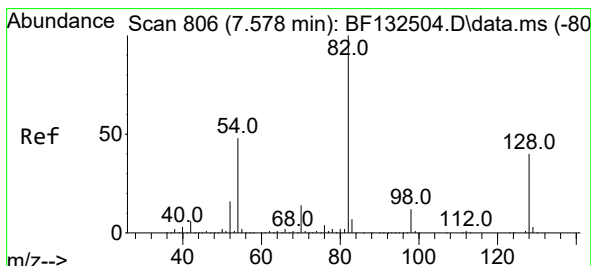
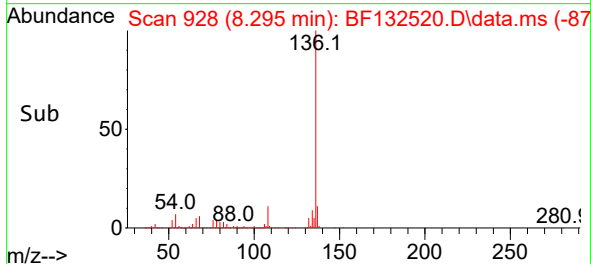
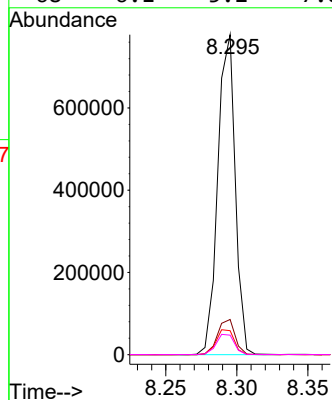
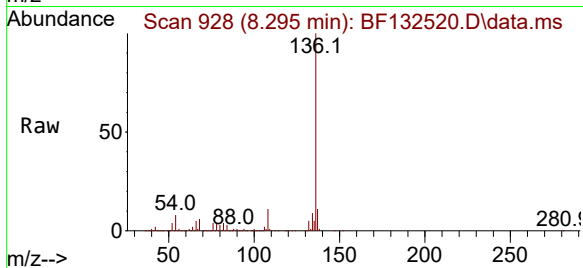




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

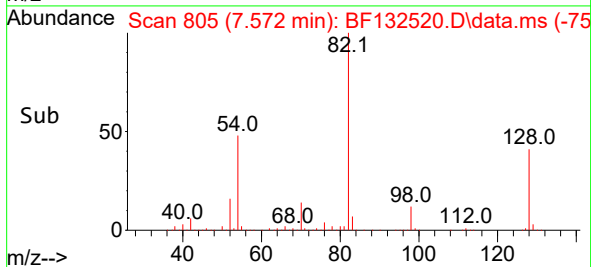
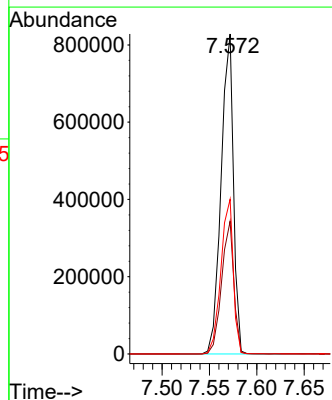
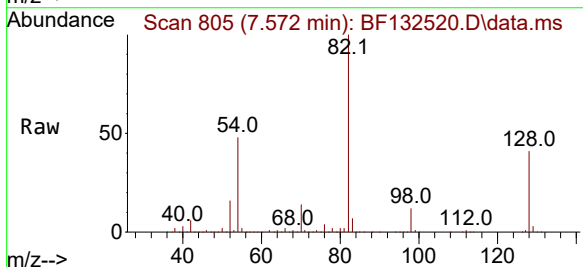
Instrument :
BNA_F
ClientSampleId :
B-17-SB01

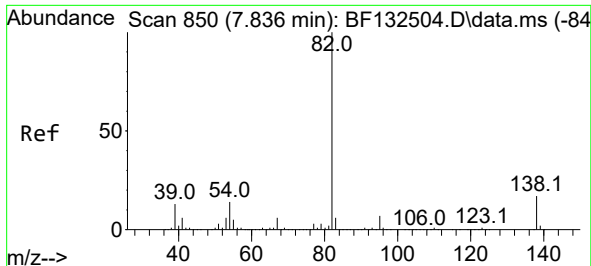
Tgt Ion:136 Resp: 664093
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.2 9.4
68 6.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 53.603 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

Tgt Ion: 82 Resp: 750301
Ion Ratio Lower Upper
82 100
128 41.5 32.2 48.2
54 48.4 38.4 57.6

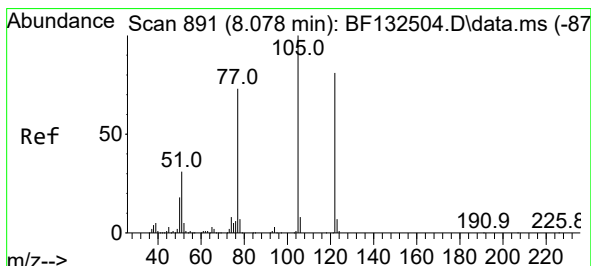
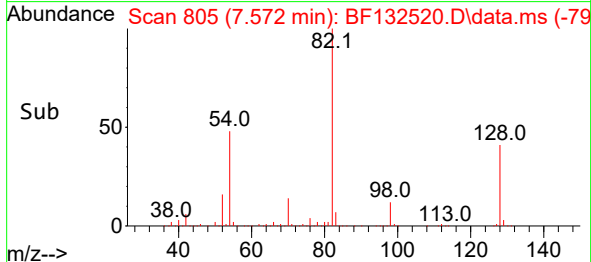
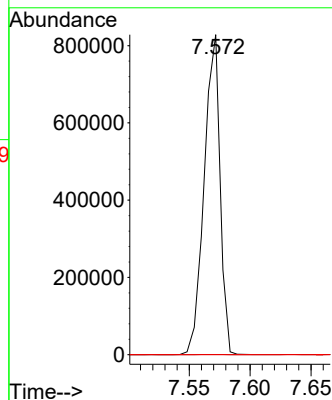
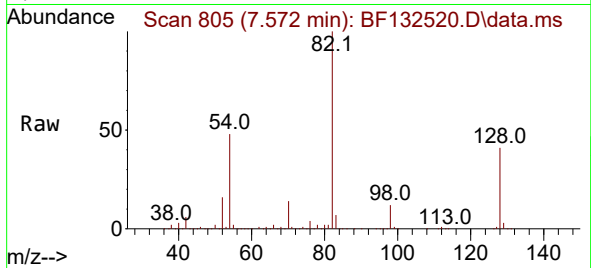




#25
Isophorone
Concen: 27.894 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

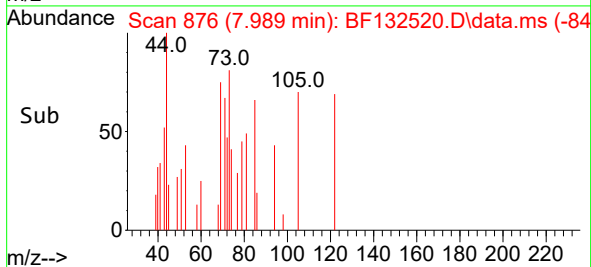
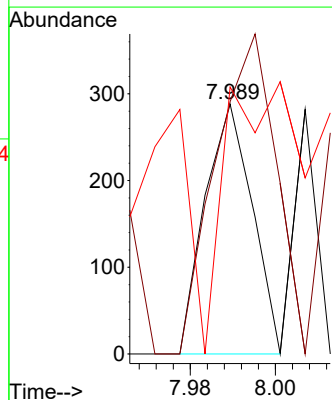
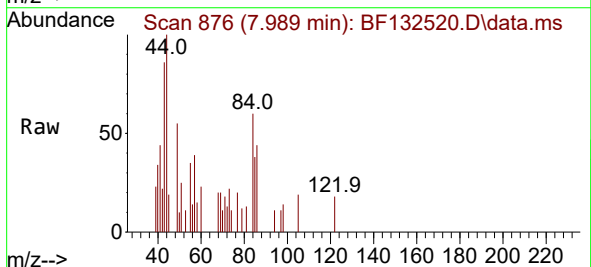
Instrument :
BNA_F
ClientSampleId :
B-17-SB01

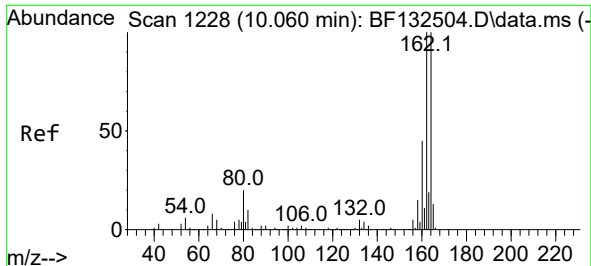
Tgt Ion: 82 Resp: 748554
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.861 ng
RT: 7.989 min Scan# 876
Delta R.T. -0.089 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

Tgt Ion: 122 Resp: 222
Ion Ratio Lower Upper
122 100
105 101.0 102.6 142.6#
77 106.9 70.2 110.2

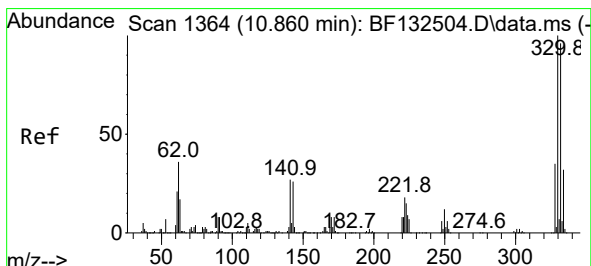
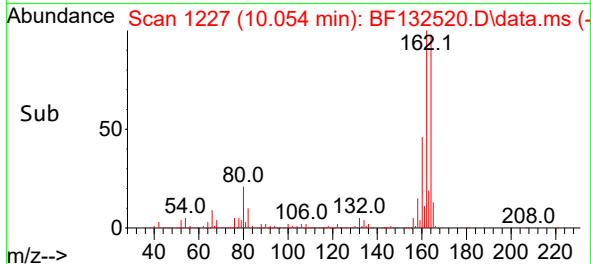
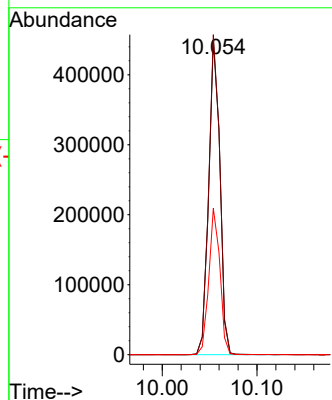
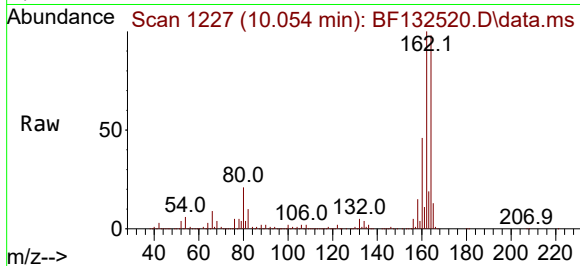




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

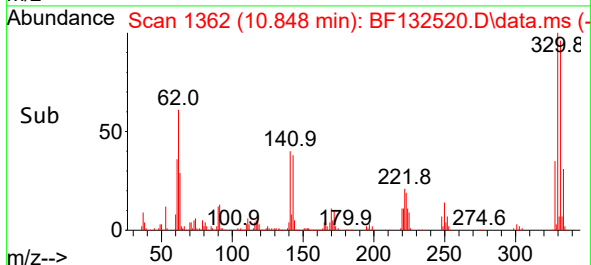
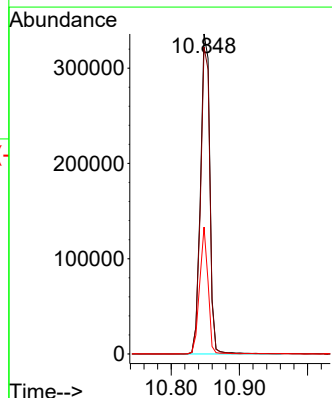
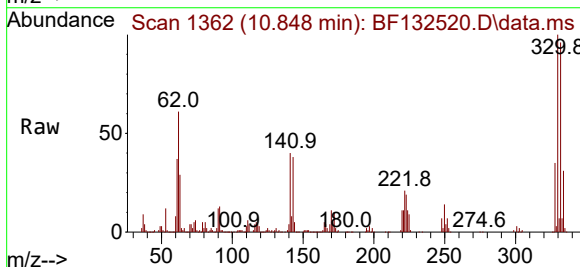
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ClientSampleId :
B-17-SB01

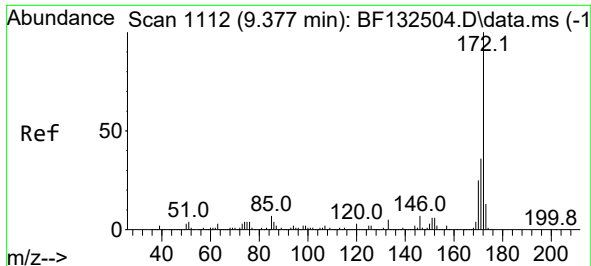
Tgt Ion:164 Resp: 367684
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 46.5 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 80.502 ng
RT: 10.848 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

Tgt Ion:330 Resp: 319659
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 35.6 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 51.668 ng

RT: 9.372 min Scan# 1112

Delta R.T. -0.005 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

Instrument :

BNA_F

ClientSampleId :

B-17-SB01

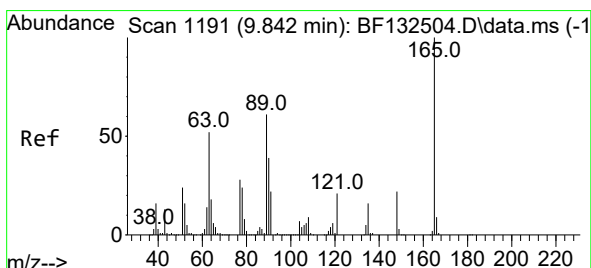
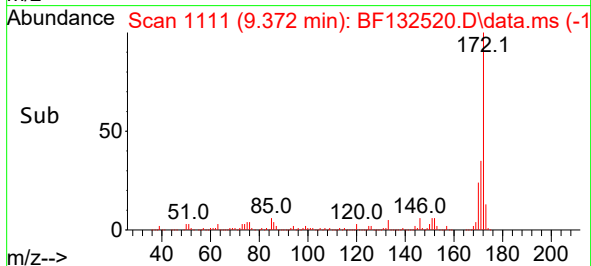
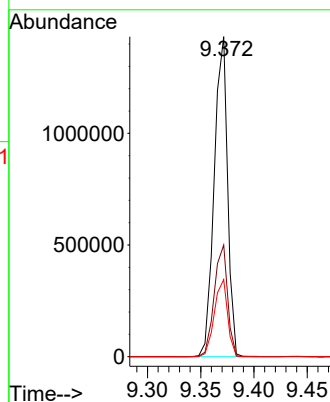
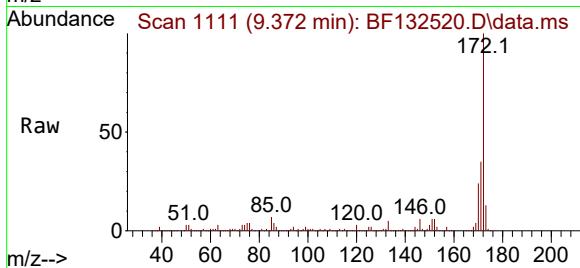
Tgt Ion:172 Resp: 1247661

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 24.1 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.891 ng

RT: 10.054 min Scan# 1227

Delta R.T. 0.212 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

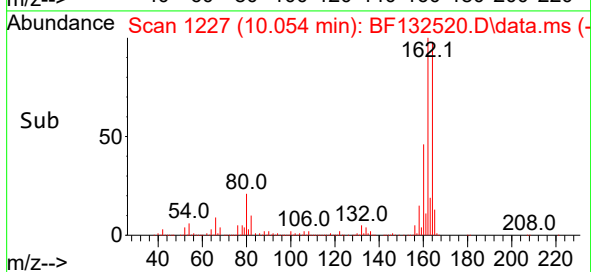
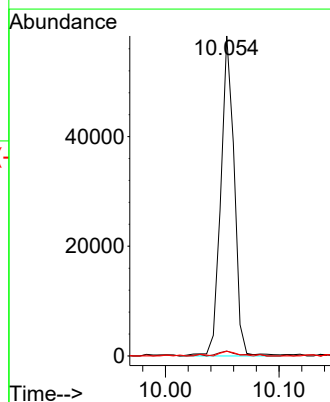
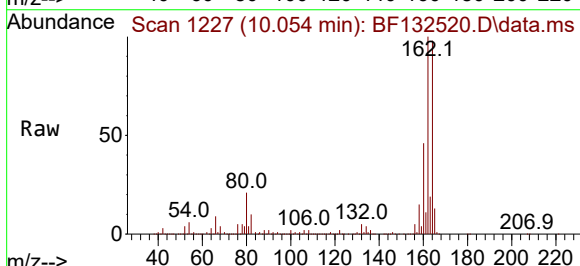
Tgt Ion:165 Resp: 48112

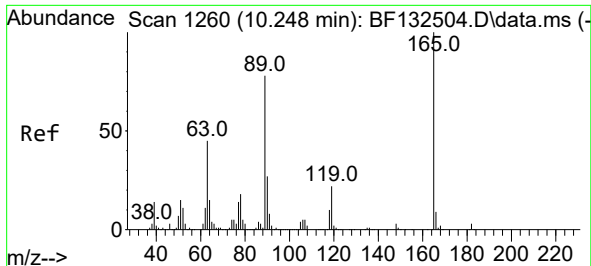
Ion Ratio Lower Upper

165 100

63 1.5 47.3 70.9#

89 1.5 48.9 73.3#





#57

2,4-Dinitrotoluene

Concen: 5.931 ng

RT: 10.054 min Scan# 1260

Delta R.T. -0.194 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

Instrument :

BNA_F

ClientSampleId :

B-17-SB01

Tgt Ion:165 Resp: 48112

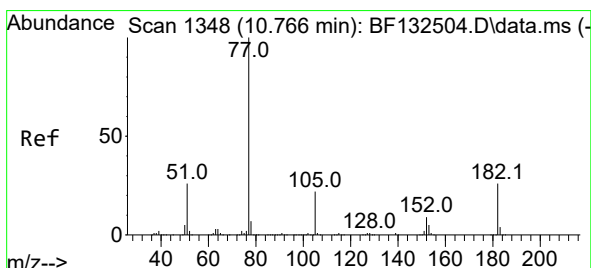
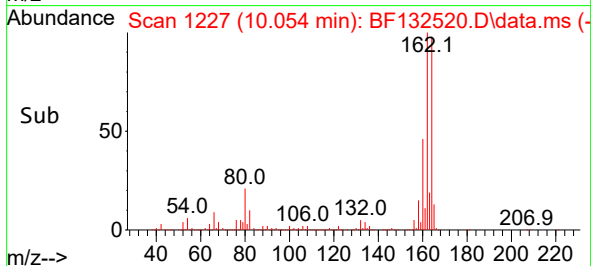
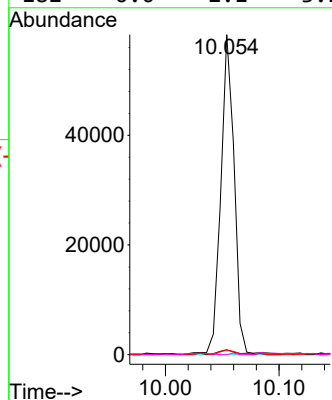
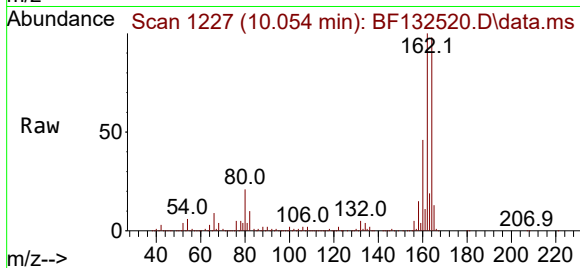
Ion Ratio Lower Upper

165 100

63 1.5 36.5 54.7#

89 1.5 62.4 93.6#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 2.333 ng

RT: 10.766 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

Tgt Ion: 77 Resp: 64605

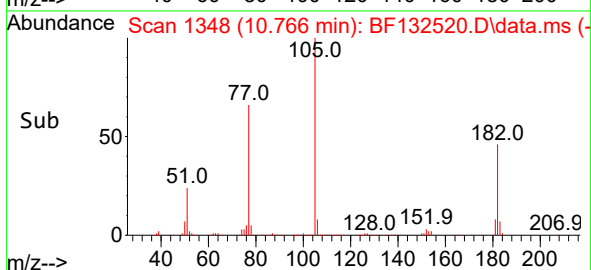
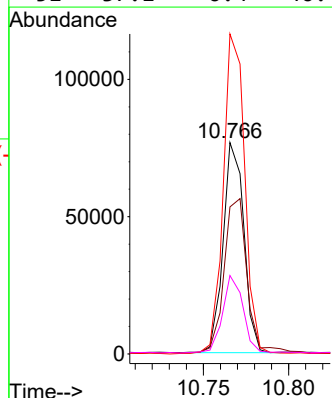
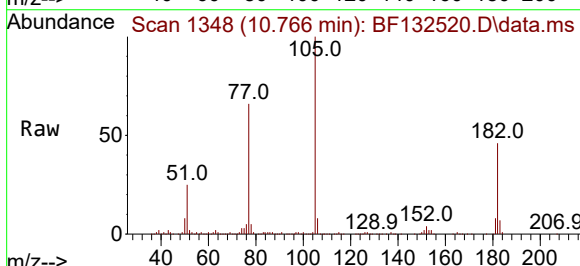
Ion Ratio Lower Upper

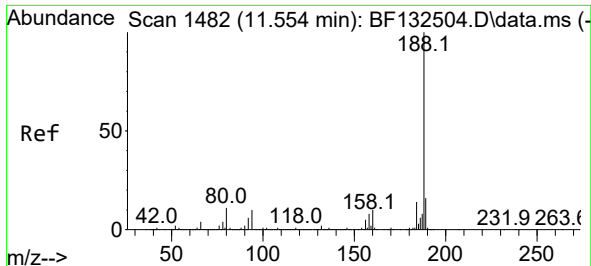
77 100

182 69.5 5.5 45.5#

105 151.4 1.8 41.8#

51 37.1 6.4 46.4

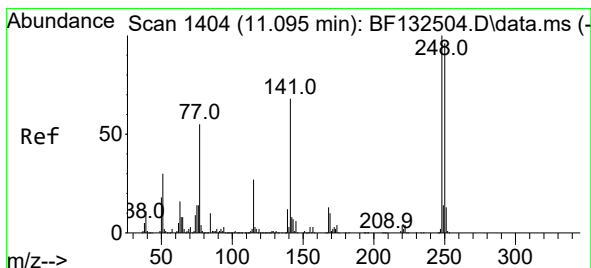
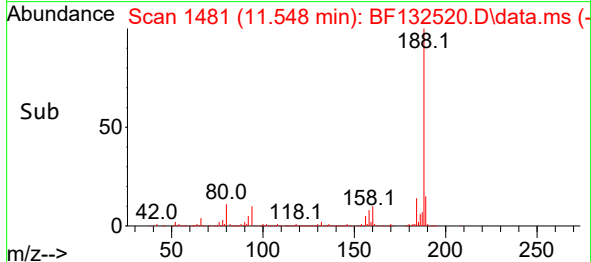
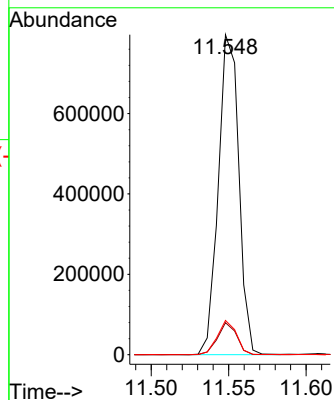
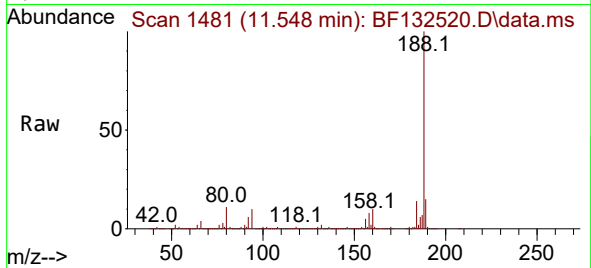




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

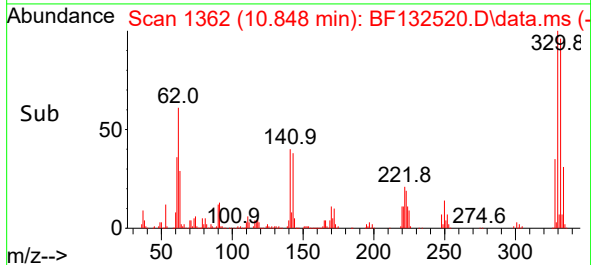
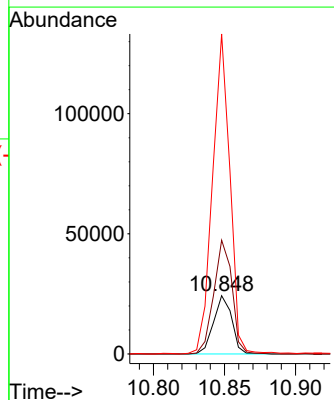
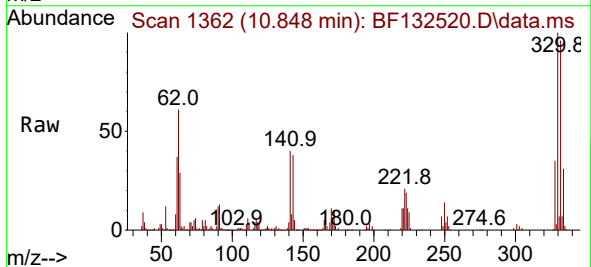
Instrument :
BNA_F
ClientSampleId :
B-17-SB01

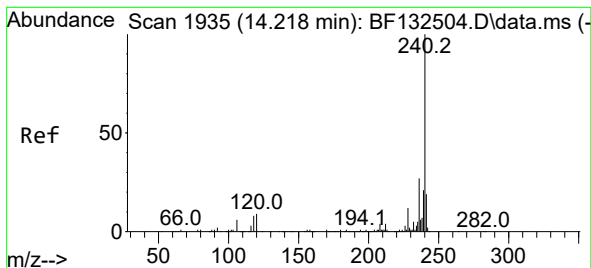
Tgt Ion:188 Resp: 732943
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.7 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.622 ng
RT: 10.848 min Scan# 1362
Delta R.T. -0.247 min
Lab File: BF132520.D
Acq: 23 Feb 2023 14:58

Tgt Ion:248 Resp: 21736
Ion Ratio Lower Upper
248 100
250 195.3 77.0 115.4#
141 549.6 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.207 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

Instrument :

BNA_F

ClientSampleId :

B-17-SB01

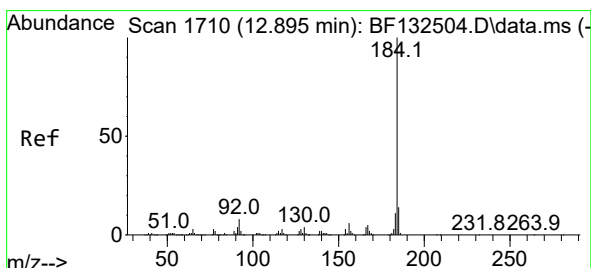
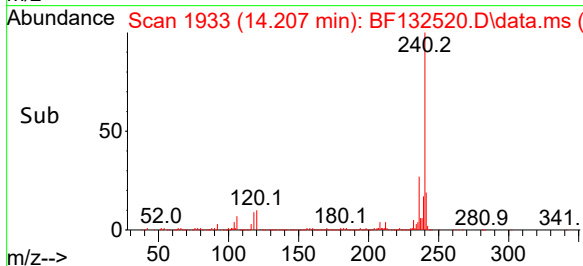
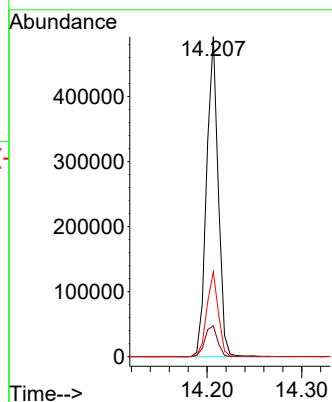
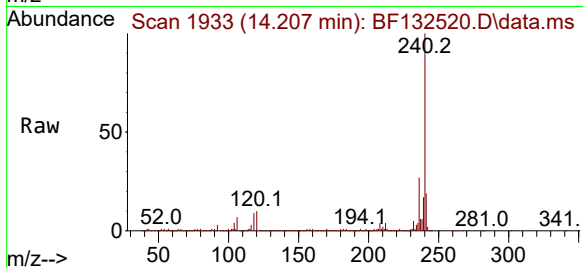
Tgt Ion:240 Resp: 419086

Ion Ratio Lower Upper

240 100

120 9.7 7.2 10.8

236 26.5 21.8 32.6



#77

Benzidine

Concen: 2.063 ng

RT: 13.142 min Scan# 1752

Delta R.T. 0.247 min

Lab File: BF132520.D

Acq: 23 Feb 2023 14:58

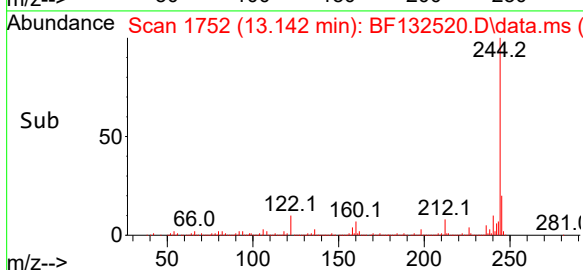
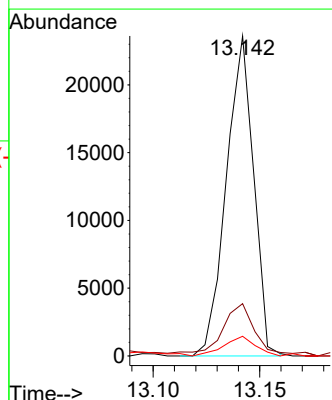
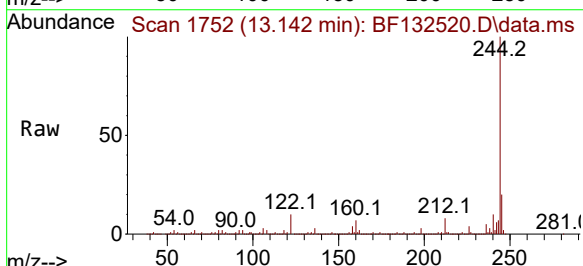
Tgt Ion:184 Resp: 21043

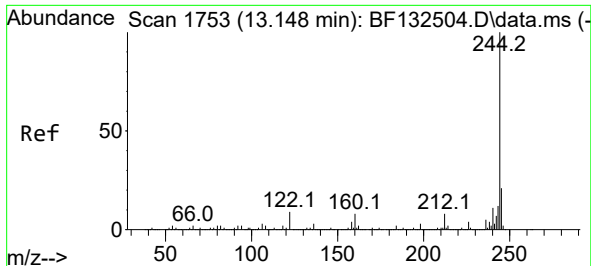
Ion Ratio Lower Upper

184 100

185 16.3 11.7 17.5

183 6.2 8.7 13.1#

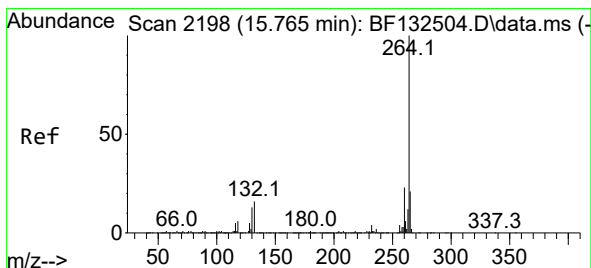
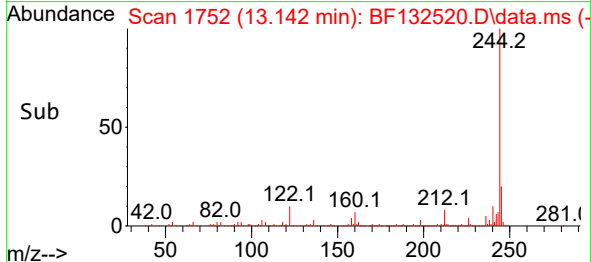
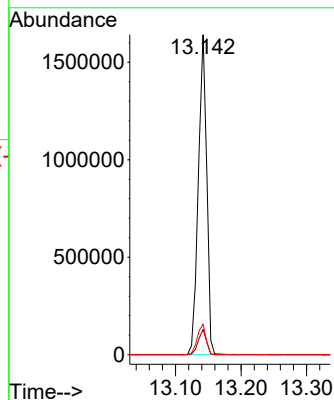
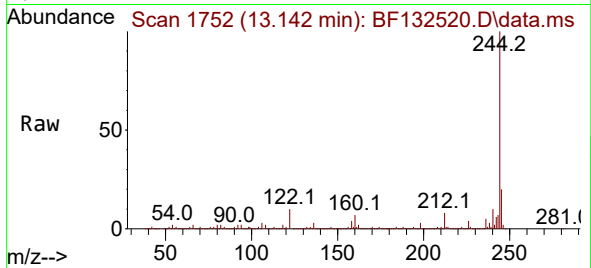




#79
 Terphenyl-d14
 Concen: 59.089 ng
 RT: 13.142 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132520.D
 Acq: 23 Feb 2023 14:58

Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB01

Tgt Ion:244 Resp: 1464630
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.5 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.759 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF132520.D
 Acq: 23 Feb 2023 14:58

Tgt Ion:264 Resp: 350804
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 21.7 17.1 25.7

