

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF0222323\
 Data File : BF132522.D
 Acq On : 23 Feb 2023 16:04
 Operator : CG\JU
 Sample : 01657-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02

Quant Time: Feb 24 00:37:24 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)

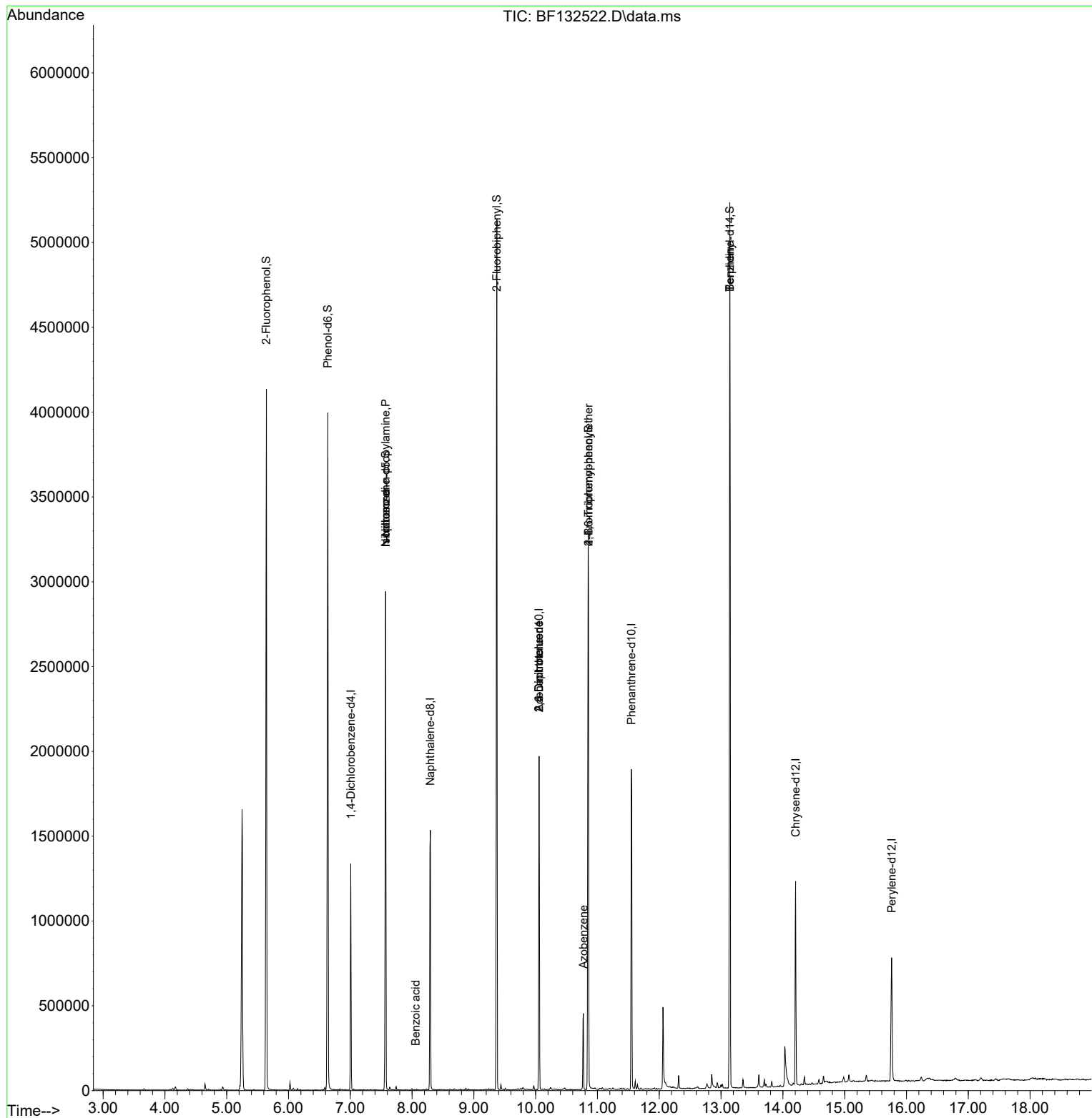
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	173425	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	655671	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	361629	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	712694	20.000	ng	0.00
76) Chrysene-d12	14.207	240	397081	20.000	ng	-0.01
86) Perylene-d12	15.760	264	349128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1078163	100.898	ng	0.00
7) Phenol-d6	6.637	99	1393979	99.957	ng	0.00
23) Nitrobenzene-d5	7.572	82	926515	67.043	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	400674	102.594	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1489282	62.707	ng	0.00
79) Terphenyl-d14	13.142	244	1807292	76.953	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.572	70	123760	14.420	ng	# 79
25) Isophorone	7.572	82	924850	34.906	ng	# 67
32) Benzoic acid	8.060	122	67	3.844	ng	# 35
51) 2,6-Dinitrotoluene	10.054	165	46326	7.725	ng	# 22
57) 2,4-Dinitrotoluene	10.054	165	46326	5.807	ng	# 21
63) Azobenzene	10.772	77	81689	2.999	ng	# 1
67) 4-Bromophenyl-phenylether	10.854	248	26952	3.343	ng	# 1
77) Benzidine	13.142	184	26278	2.719	ng	# 88

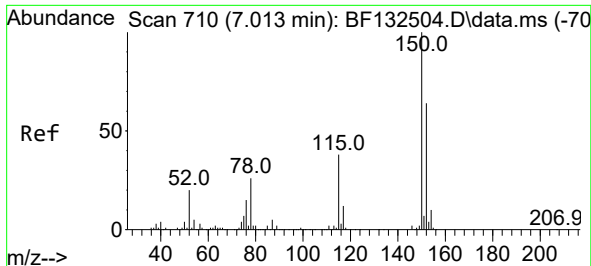
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132522.D
Acq On : 23 Feb 2023 16:04
Operator : CG\JU
Sample : 01657-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-17-SB02

Quant Time: Feb 24 00:37:24 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

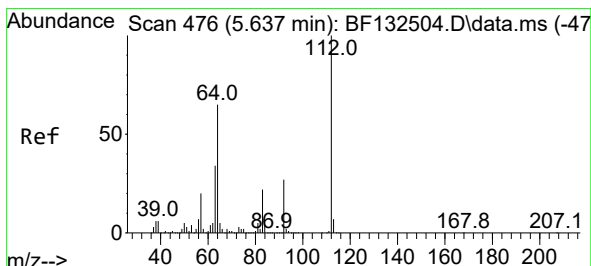
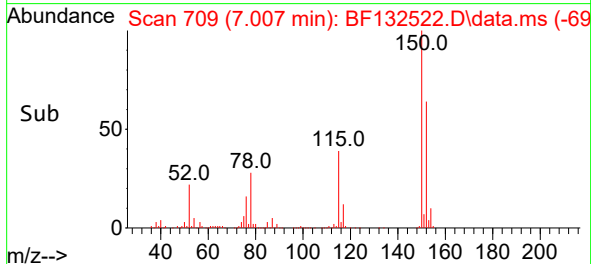
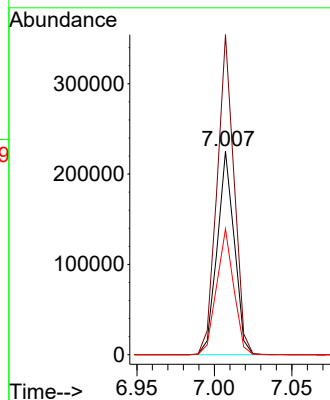
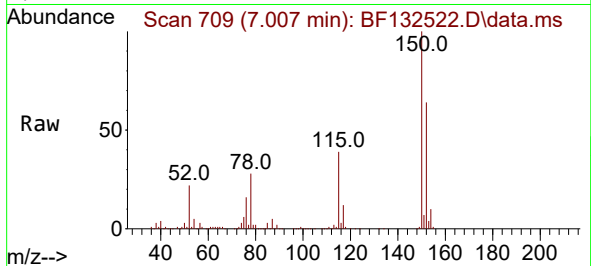




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

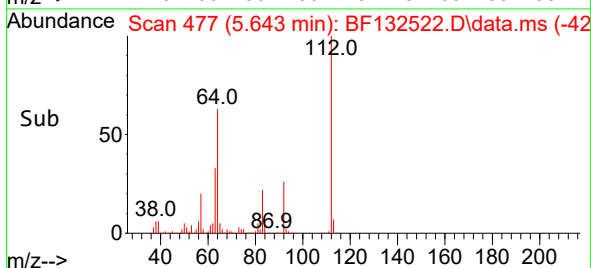
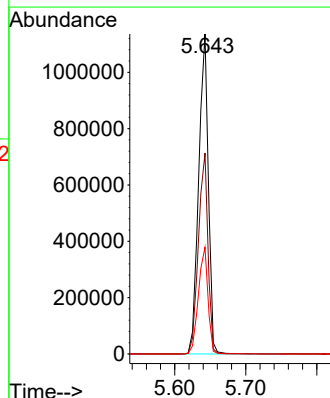
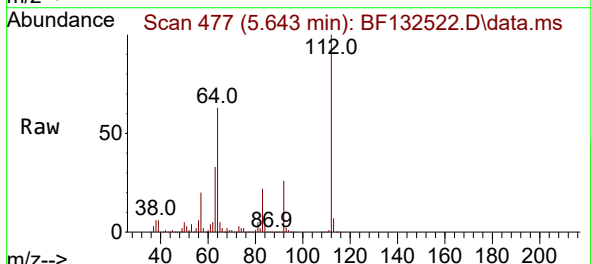
Instrument :
BNA_F
ClientSampleId :
B-17-SB02

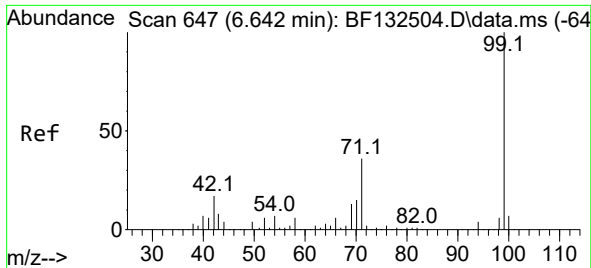
Tgt Ion:152 Resp: 173425
Ion Ratio Lower Upper
152 100
150 157.2 125.4 188.2
115 61.8 47.8 71.6



#5
2-Fluorophenol
Concen: 100.898 ng
RT: 5.643 min Scan# 477
Delta R.T. 0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion:112 Resp: 1078163
Ion Ratio Lower Upper
112 100
64 62.7 51.6 77.4
63 33.4 27.4 41.2

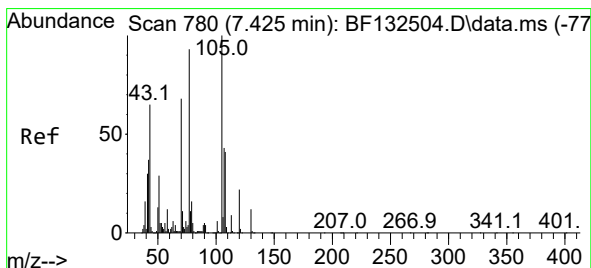
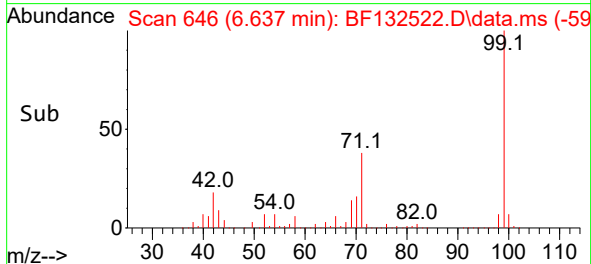
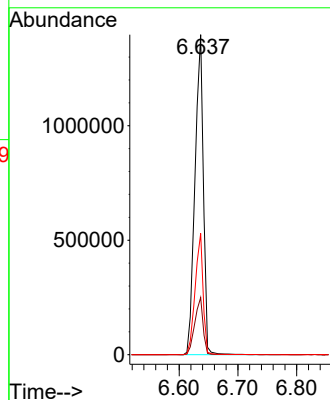
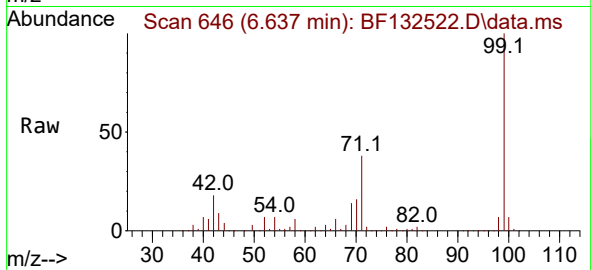




#7
Phenol-d6
Concen: 99.957 ng
RT: 6.637 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

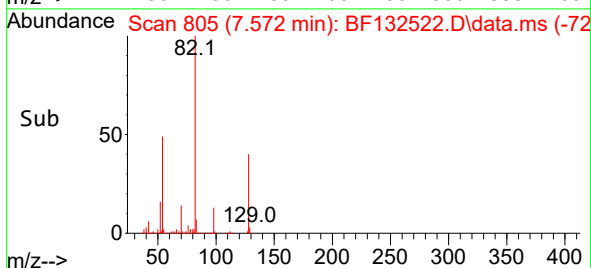
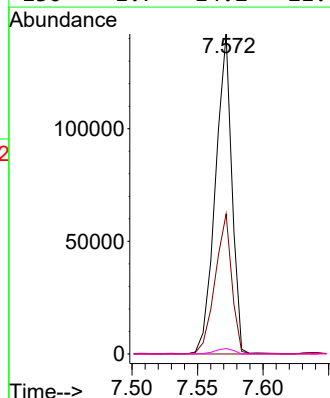
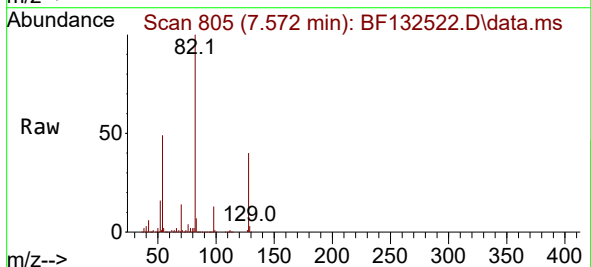
Instrument :
BNA_F
ClientSampleId :
B-17-SB02

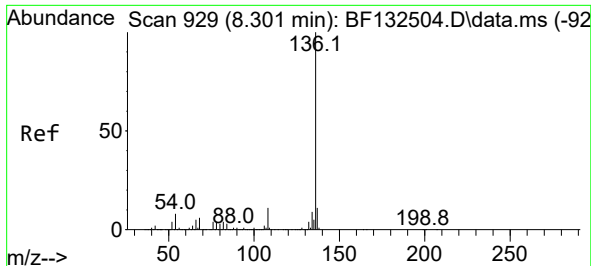
Tgt Ion: 99 Resp: 1393979
Ion Ratio Lower Upper
99 100
42 17.9 13.9 20.9
71 37.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.420 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.147 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion: 70 Resp: 123760
Ion Ratio Lower Upper
70 100
42 43.8 44.1 66.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.4#



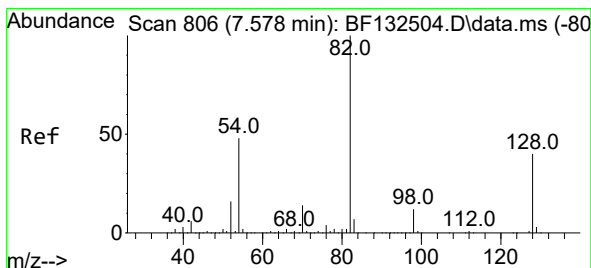
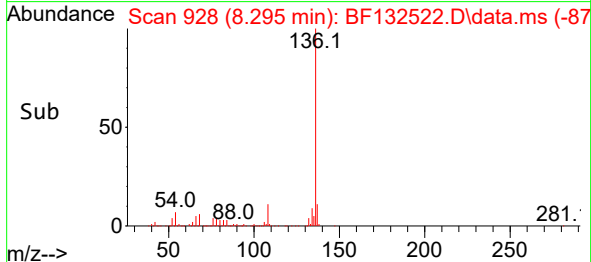
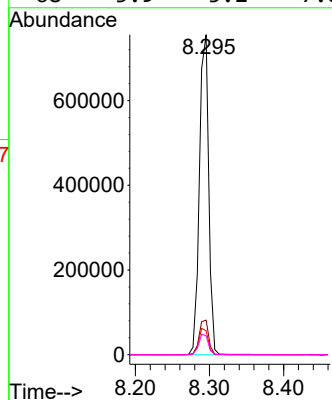
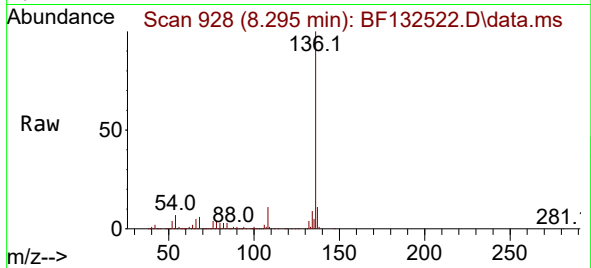


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Instrument :
BNA_F
ClientSampleId :
B-17-SB02

Tgt Ion:136 Resp: 655671

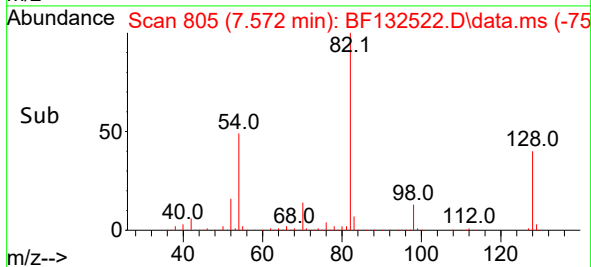
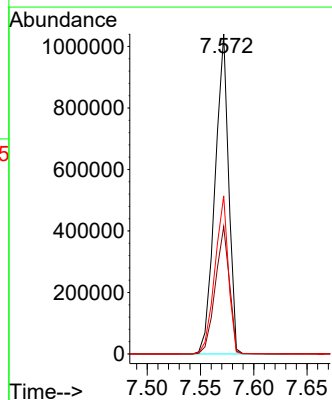
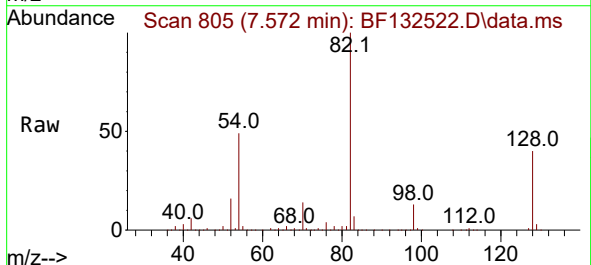
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.2	9.4
68	5.9	5.2	7.8

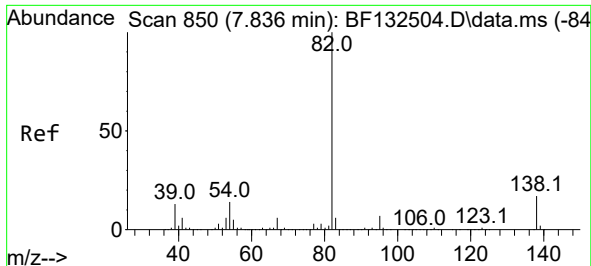


#23
Nitrobenzene-d5
Concen: 67.043 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion: 82 Resp: 926515

Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.2	48.2
54	49.4	38.4	57.6

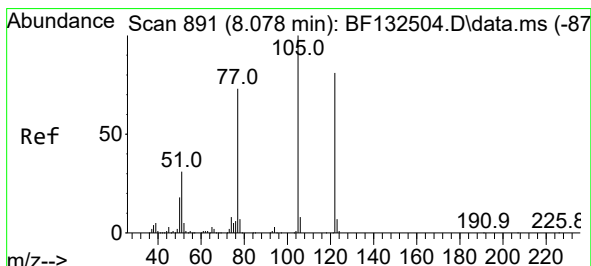
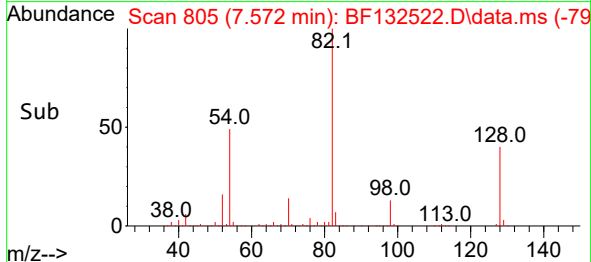
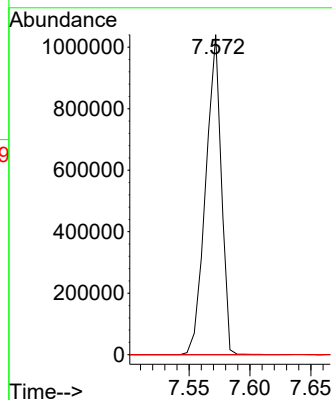
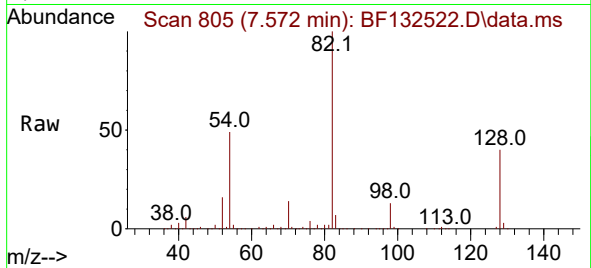




#25
Isophorone
Concen: 34.906 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

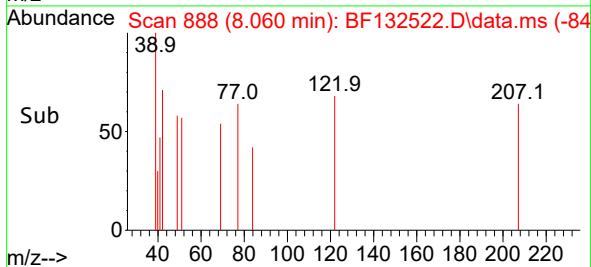
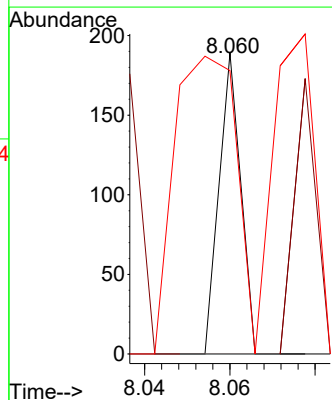
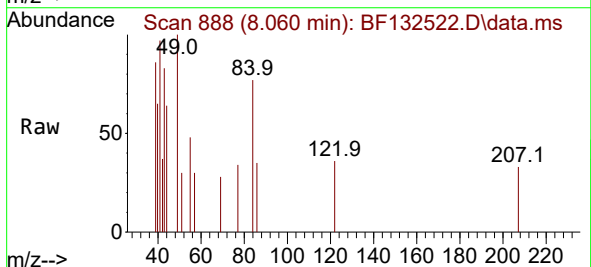
Instrument :
BNA_F
ClientSampleId :
B-17-SB02

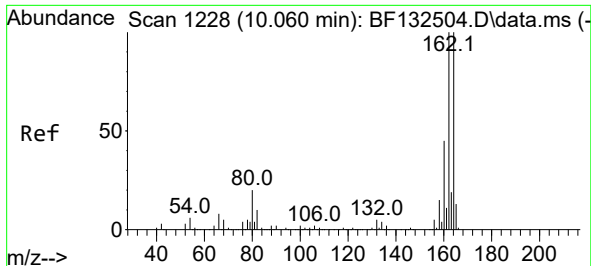
Tgt Ion: 82 Resp: 924850
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.844 ng
RT: 8.060 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 94.2 70.2 110.2

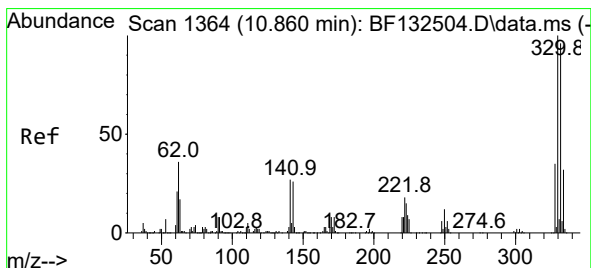
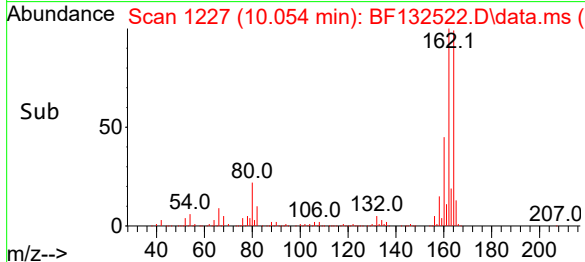
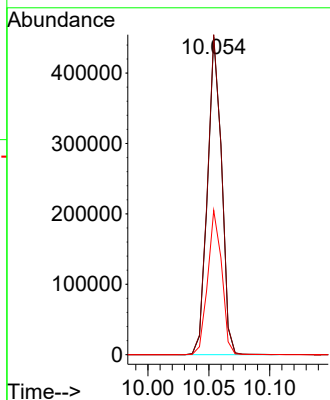
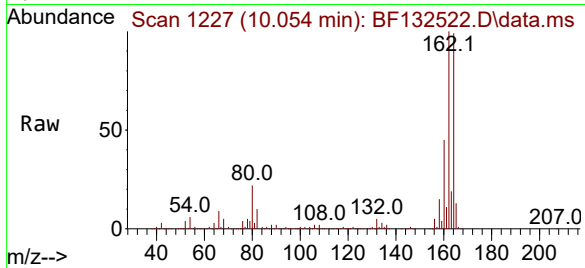




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

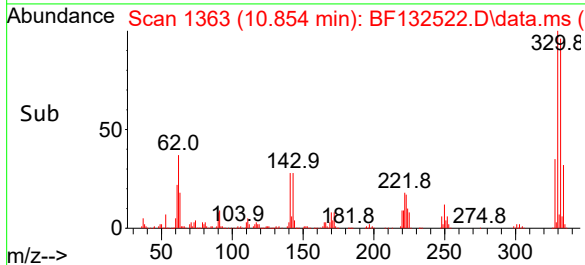
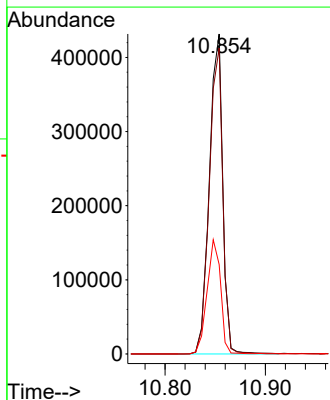
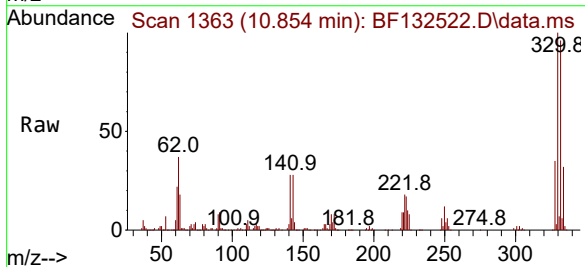
Instrument :
BNA_F
ClientSampleId :
B-17-SB02

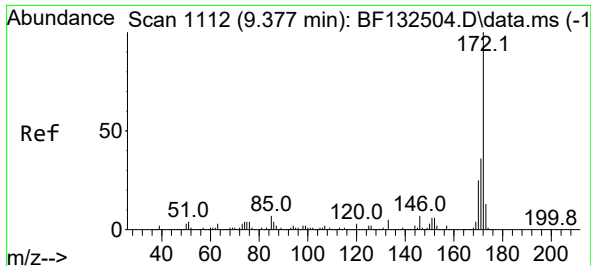
Tgt Ion:164 Resp: 361629
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 45.5 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 102.594 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion:330 Resp: 400674
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 36.2 28.4 42.6

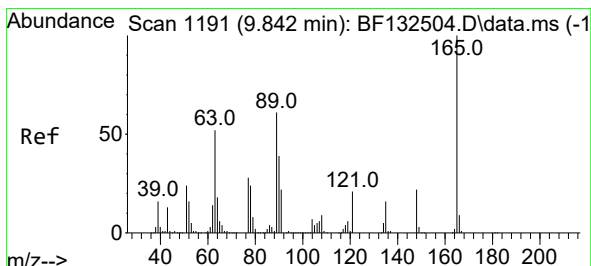
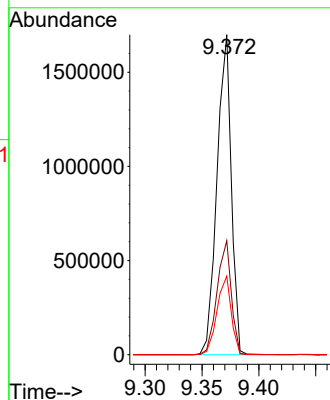
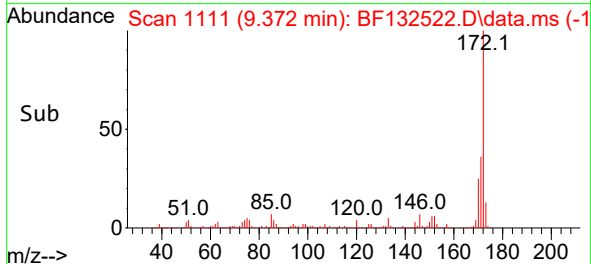
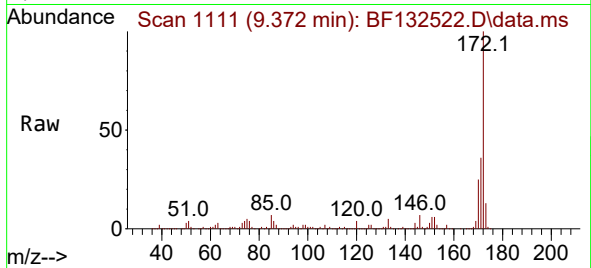




#45
2-Fluorobiphenyl
Concen: 62.707 ng
RT: 9.372 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

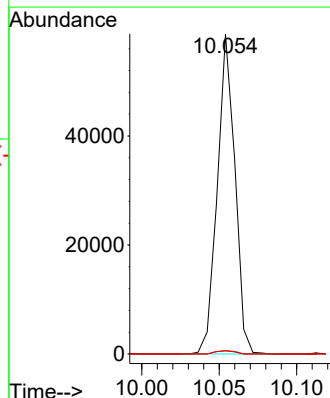
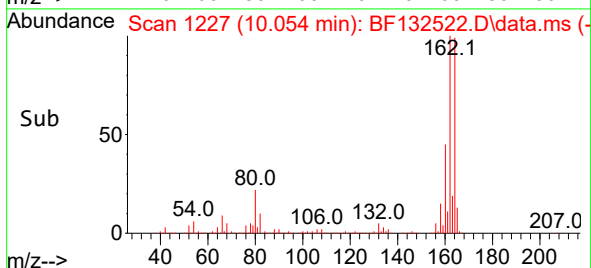
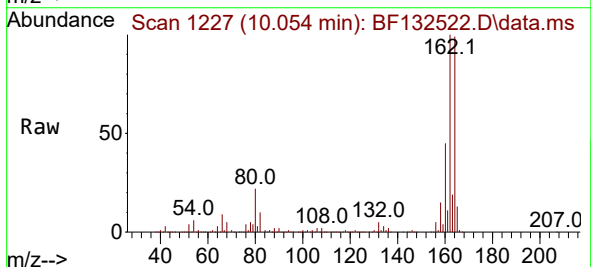
Instrument :
BNA_F
ClientSampleId :
B-17-SB02

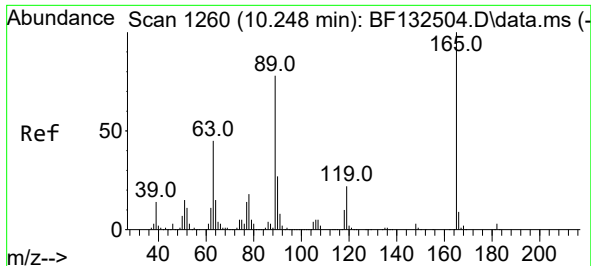
Tgt Ion:172 Resp: 1489282
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.5 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.725 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.212 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion:165 Resp: 46326
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.0 48.9 73.3#

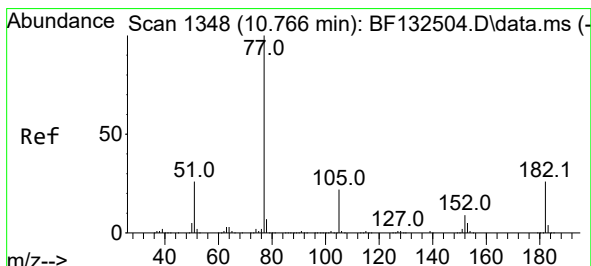
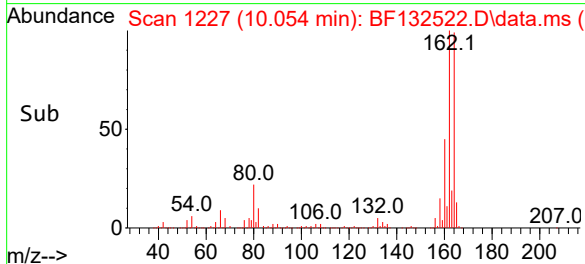
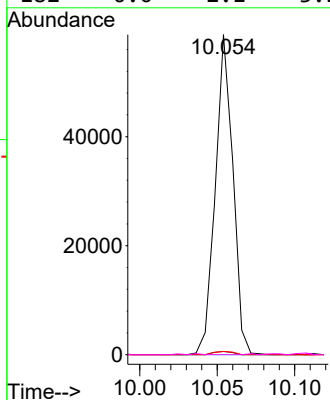
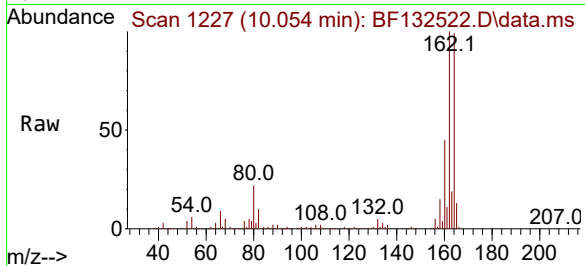




#57
2,4-Dinitrotoluene
Concen: 5.807 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

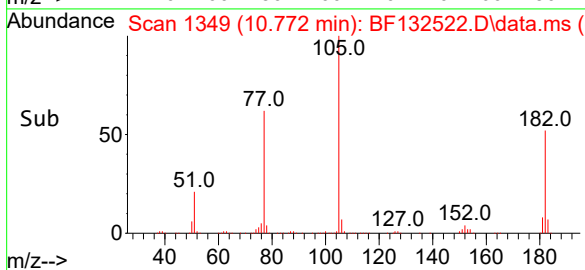
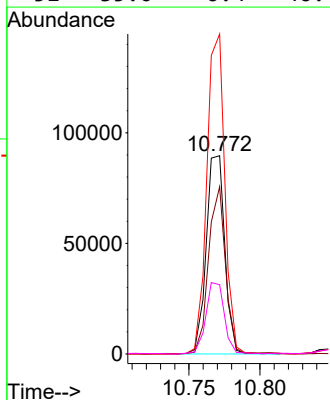
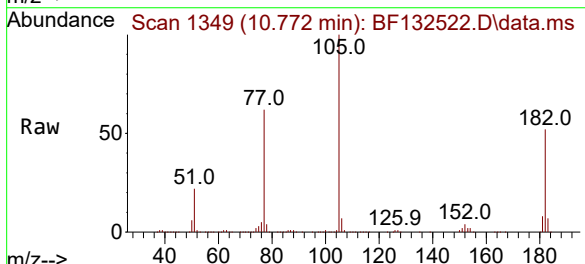
Instrument :
BNA_F
ClientSampleId :
B-17-SB02

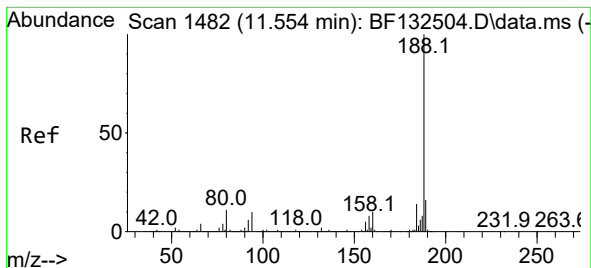
Tgt Ion:165 Resp: 46326
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.0 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.999 ng
RT: 10.772 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion: 77 Resp: 81689
Ion Ratio Lower Upper
77 100
182 84.3 5.5 45.5#
105 161.4 1.8 41.8#
51 35.0 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: BF132522.D

Acq: 23 Feb 2023 16:04

Instrument :

BNA_F

ClientSampleId :

B-17-SB02

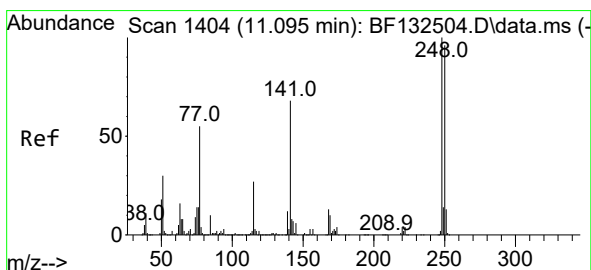
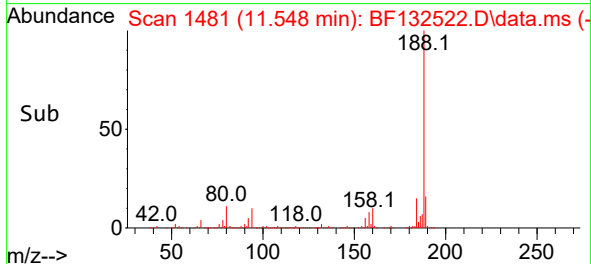
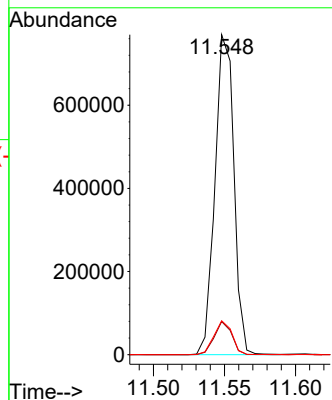
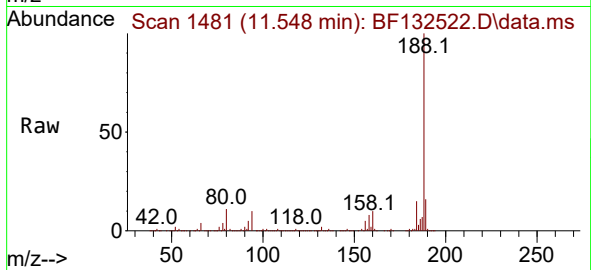
Tgt Ion:188 Resp: 712694

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 10.6 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 3.343 ng

RT: 10.854 min Scan# 1363

Delta R.T. -0.241 min

Lab File: BF132522.D

Acq: 23 Feb 2023 16:04

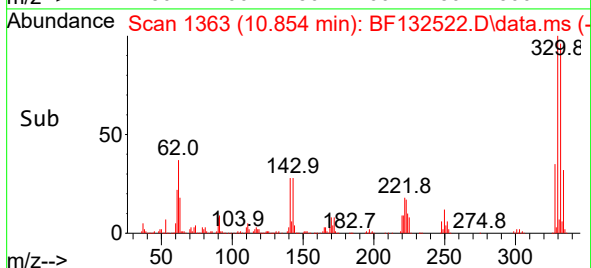
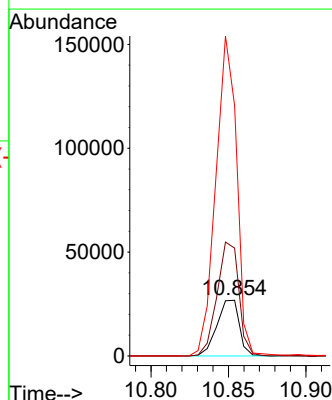
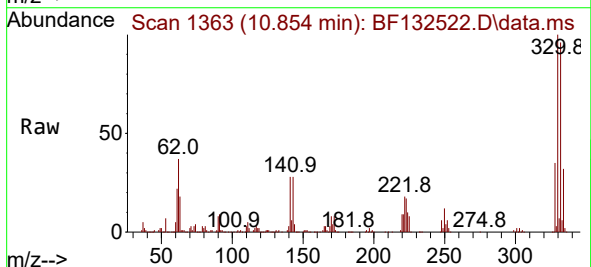
Tgt Ion:248 Resp: 26952

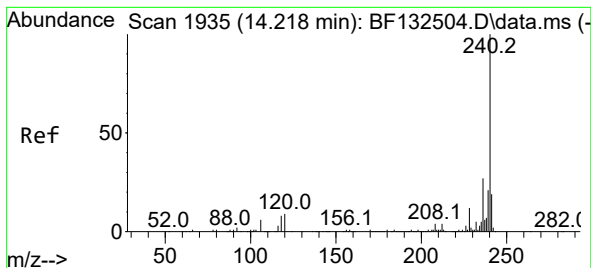
Ion Ratio Lower Upper

248 100

250 193.8 77.0 115.4#

141 450.3 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: BF132522.D

Acq: 23 Feb 2023 16:04

Instrument :

BNA_F

ClientSampleId :

B-17-SB02

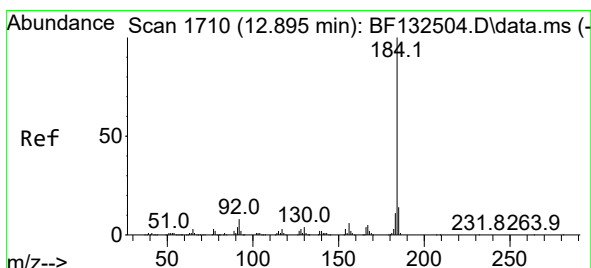
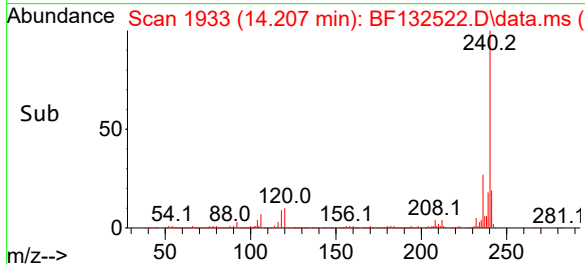
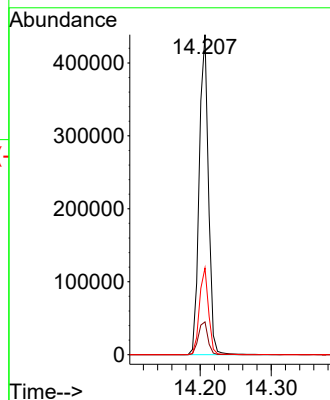
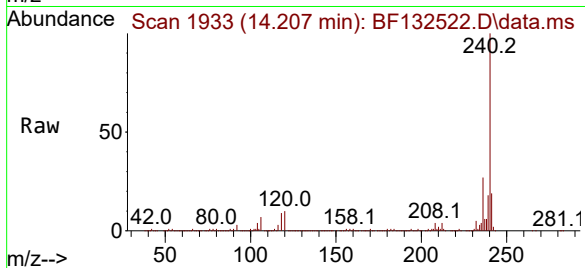
Tgt Ion:240 Resp: 397081

Ion Ratio Lower Upper

240 100

120 10.3 7.2 10.8

236 27.1 21.8 32.6



#77

Benidine

Concen: 2.719 ng

RT: 13.142 min Scan# 1752

Delta R.T. 0.247 min

Lab File: BF132522.D

Acq: 23 Feb 2023 16:04

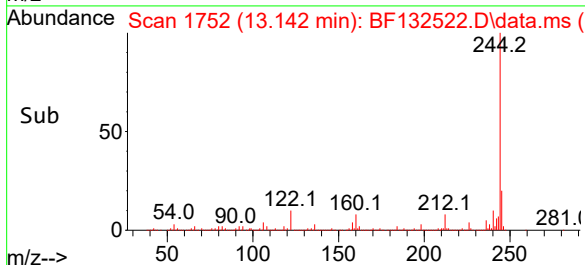
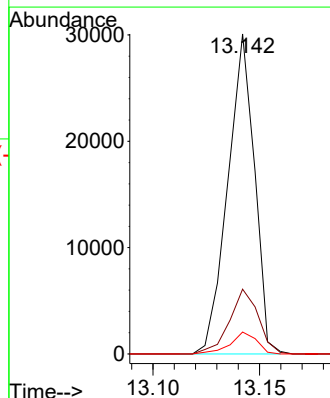
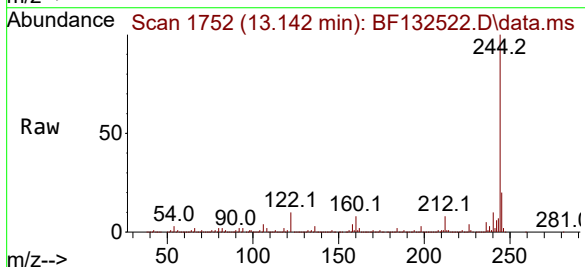
Tgt Ion:184 Resp: 26278

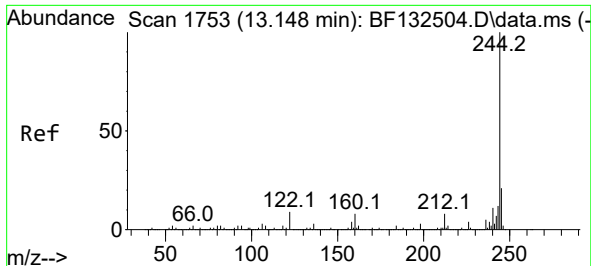
Ion Ratio Lower Upper

184 100

185 20.2 11.7 17.5#

183 6.9 8.7 13.1#

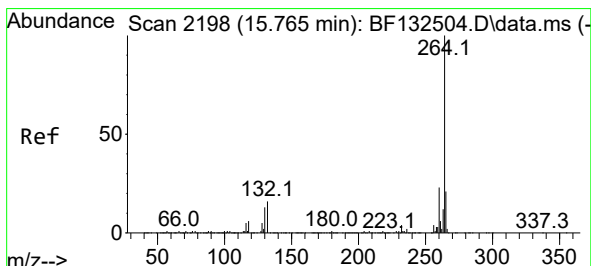
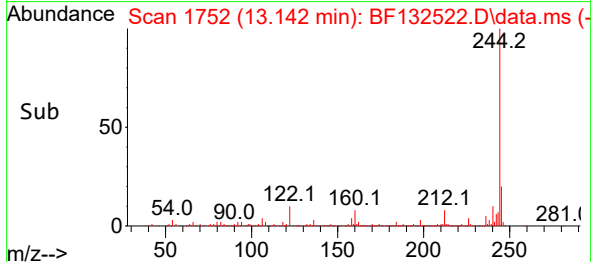
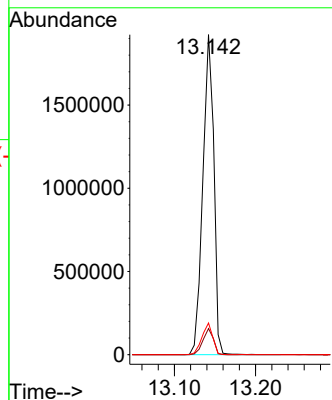
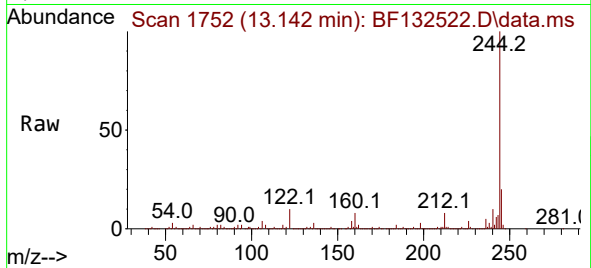




#79
Terphenyl-d14
Concen: 76.953 ng
RT: 13.142 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Instrument :
BNA_F
ClientSampleId :
B-17-SB02

Tgt Ion:244 Resp: 1807292
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 9.9 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.760 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF132522.D
Acq: 23 Feb 2023 16:04

Tgt Ion:264 Resp: 349128
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.4 17.1 25.7

