

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132458.D
 Acq On : 17 Feb 2023 19:32
 Operator : CG\JU
 Sample : 01593-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2023-2-16

Quant Time: Feb 18 01:01:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

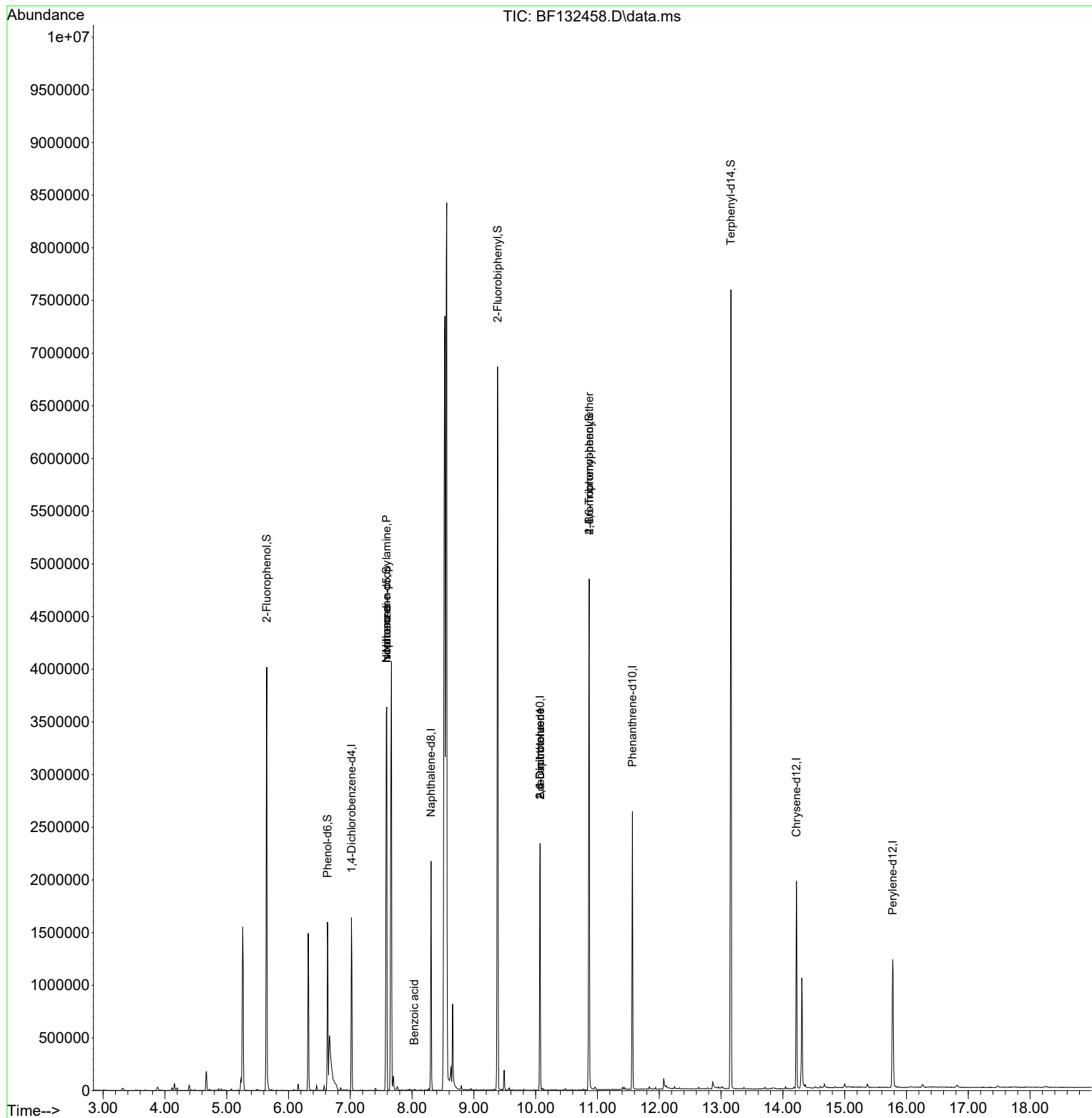
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	226182	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	843156	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	458601	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	884918	20.000	ng	0.00
76) Chrysene-d12	14.219	240	643688	20.000	ng	#-0.01
86) Perylene-d12	15.777	264	577348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1076567	76.268	ng	0.00
7) Phenol-d6	6.631	99	539761	29.285	ng	-0.02
23) Nitrobenzene-d5	7.590	82	1401450	79.865	ng	0.00
42) 2,4,6-Tribromophenol	10.866	330	577234	126.153	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	2190731	73.771	ng	0.00
79) Terphenyl-d14	13.160	244	2846117	80.526	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.590	70	187911	16.630	ng	# 77
25) Isophorone	7.590	82	1398961	40.572	ng	# 68
32) Benzoic acid	8.037	122	848	7.224	ng	# 64
51) 2,6-Dinitrotoluene	10.072	165	57781	7.867	ng	# 19
57) 2,4-Dinitrotoluene	10.072	165	57781	5.976	ng	# 20
67) 4-Bromophenyl-phenylether	10.866	248	38740	3.994	ng	# 1

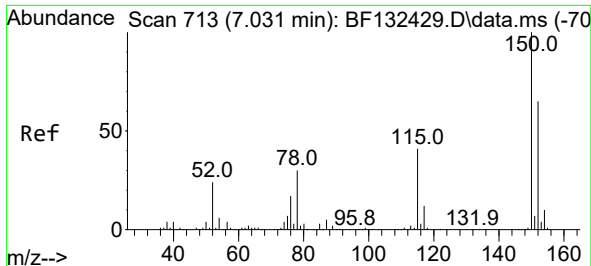
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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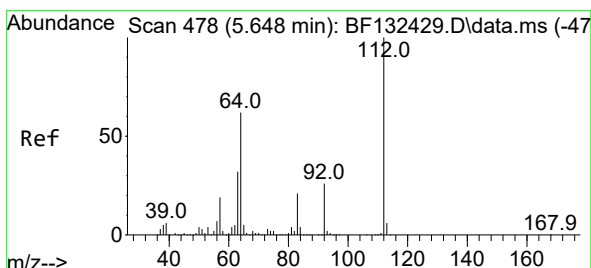
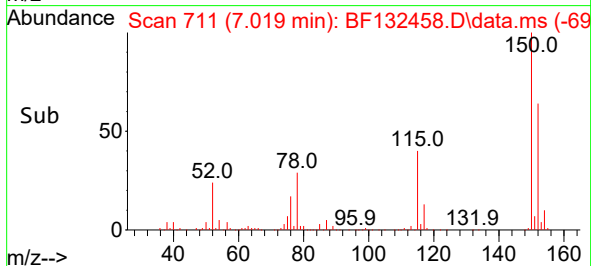
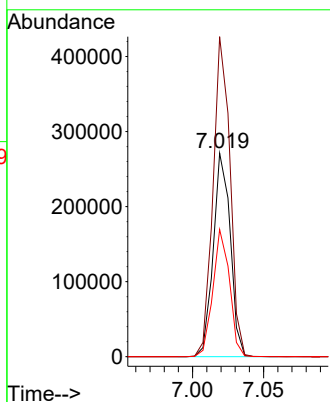
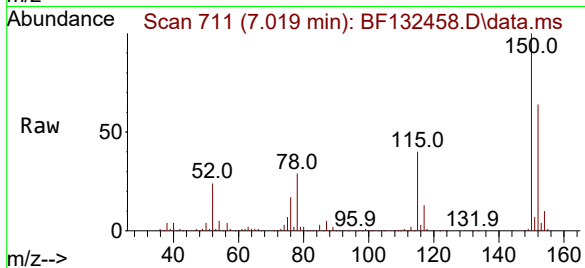




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

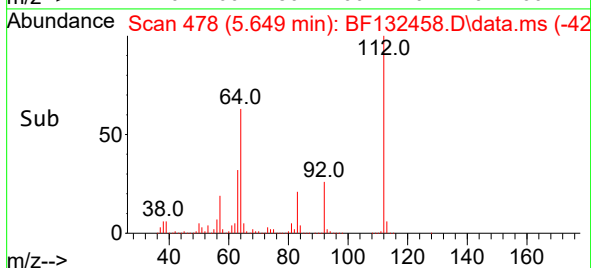
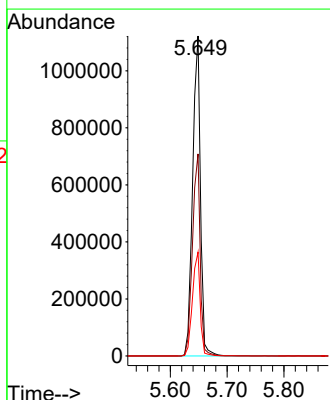
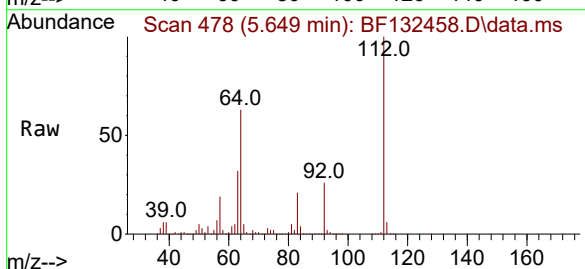
Instrument :
BNA_F
ClientSampleId :
EB-2023-2-16

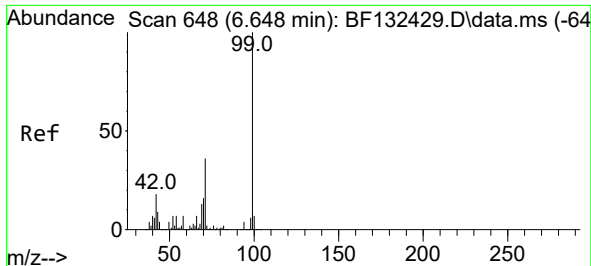
Tgt Ion:152 Resp: 226182
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.8
115 62.5 50.4 75.6



#5
2-Fluorophenol
Concen: 76.268 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.006 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

Tgt Ion:112 Resp: 1076567
Ion Ratio Lower Upper
112 100
64 63.2 49.7 74.5
63 32.4 25.8 38.8

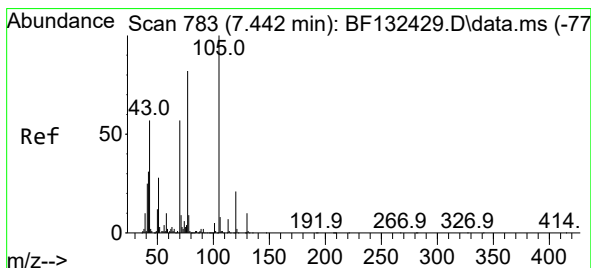
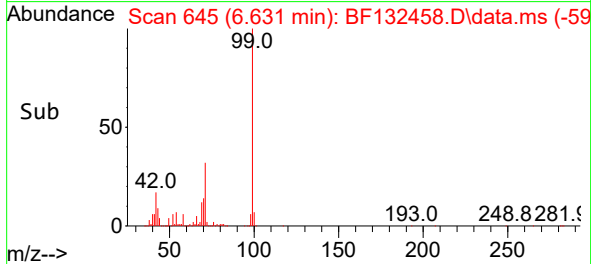
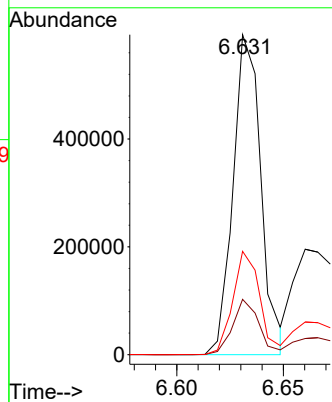
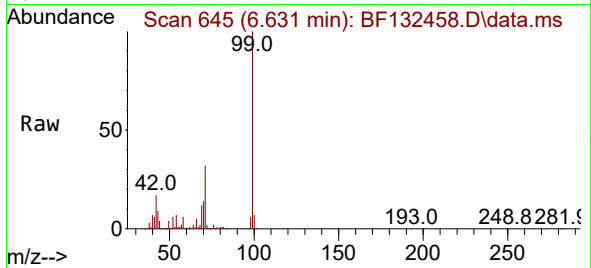




#7
Phenol-d6
Concen: 29.285 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.017 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

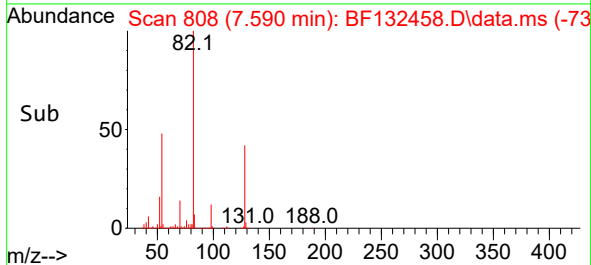
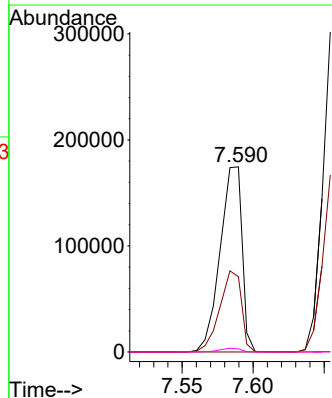
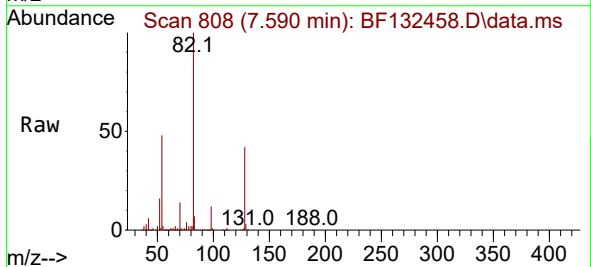
Instrument :
BNA_F
ClientSampleId :
EB-2023-2-16

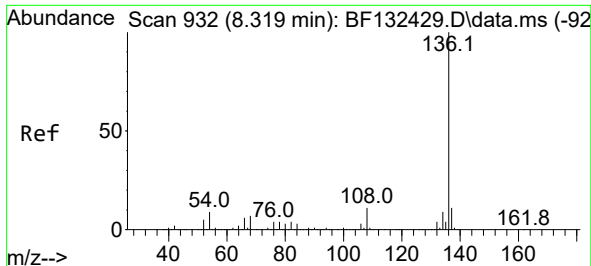
Tgt Ion: 99 Resp: 539761
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 32.3 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.630 ng
RT: 7.590 min Scan# 808
Delta R.T. 0.153 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

Tgt Ion: 70 Resp: 187911
Ion Ratio Lower Upper
70 100
42 40.7 43.5 65.3#
101 0.0 7.3 10.9#
130 1.6 13.9 20.9#

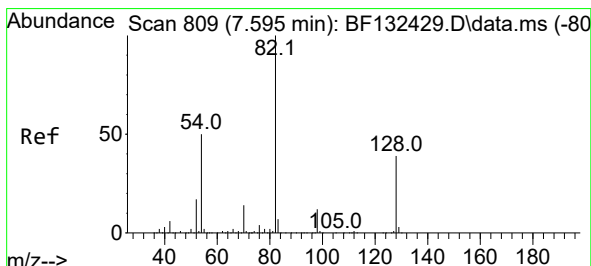
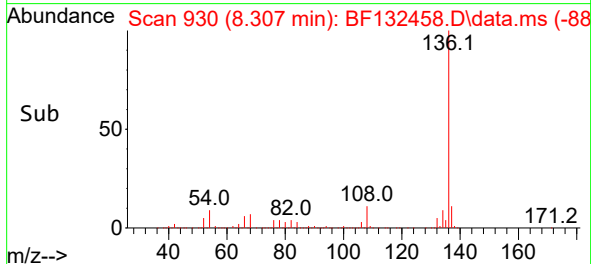
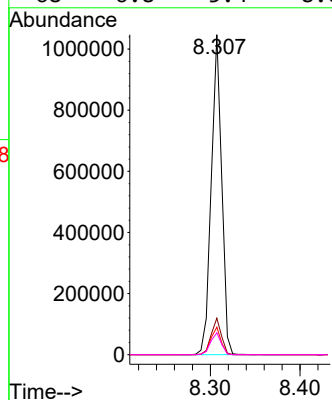
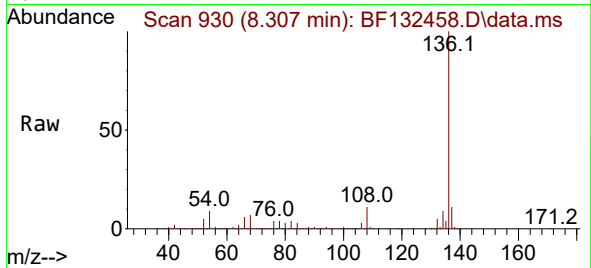




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

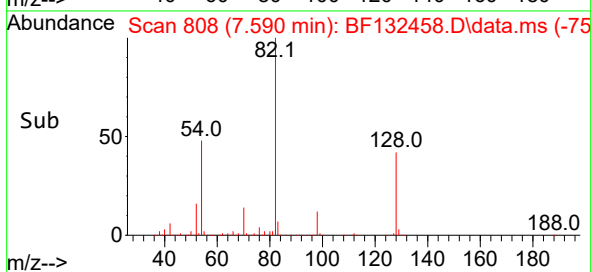
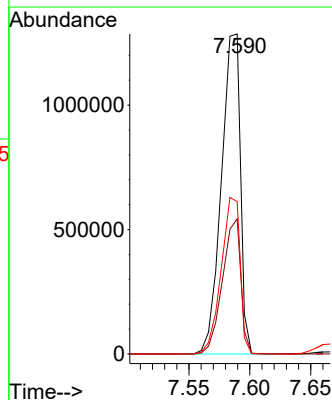
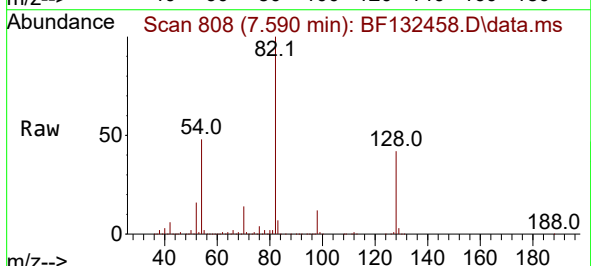
Instrument :
BNA_F
ClientSampleId :
EB-2023-2-16

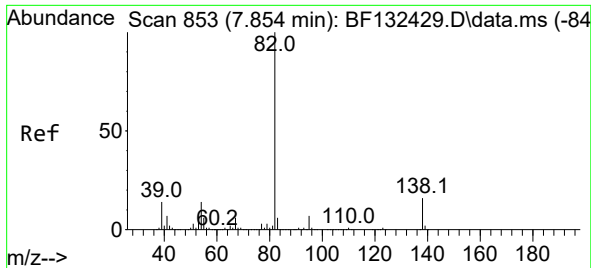
Tgt Ion:136 Resp: 843156
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.6 6.9 10.3
68 6.8 5.4 8.0



#23
Nitrobenzene-d5
Concen: 79.865 ng
RT: 7.590 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

Tgt Ion: 82 Resp: 1401450
Ion Ratio Lower Upper
82 100
128 42.2 30.8 46.2
54 47.6 40.2 60.4





#25

Isophorone

Concen: 40.572 ng

RT: 7.590 min Scan# 80

Delta R.T. -0.259 min

Lab File: BF132458.D

Acq: 17 Feb 2023 19:32

Instrument :

BNA_F

ClientSampleId :

EB-2023-2-16

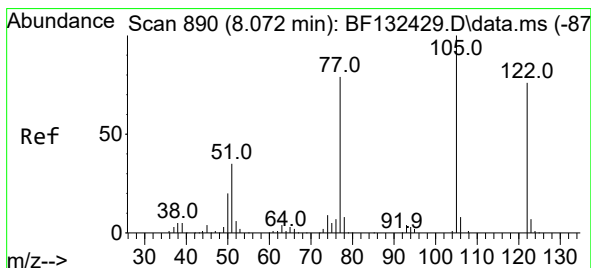
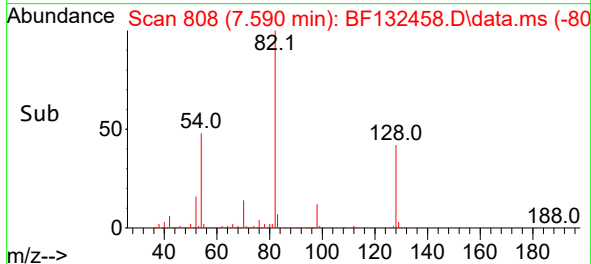
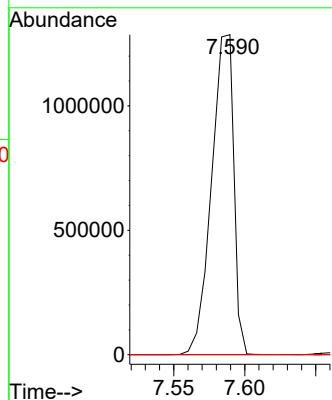
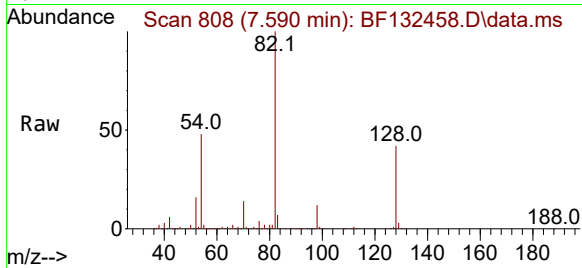
Tgt Ion: 82 Resp: 1398961

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 12.7 19.1#



#32

Benzoic acid

Concen: 7.224 ng

RT: 8.037 min Scan# 884

Delta R.T. -0.041 min

Lab File: BF132458.D

Acq: 17 Feb 2023 19:32

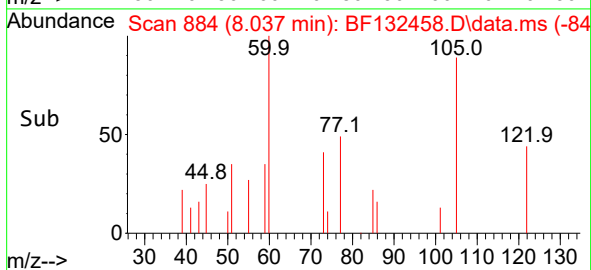
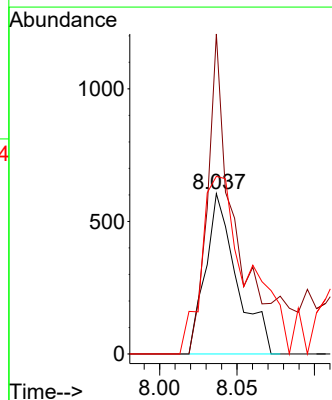
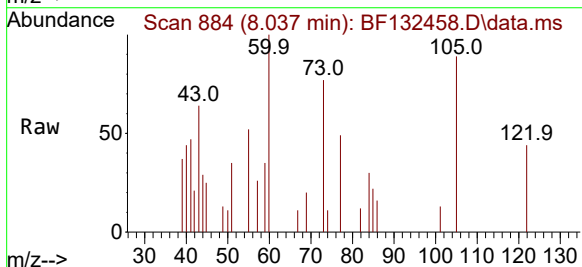
Tgt Ion: 122 Resp: 848

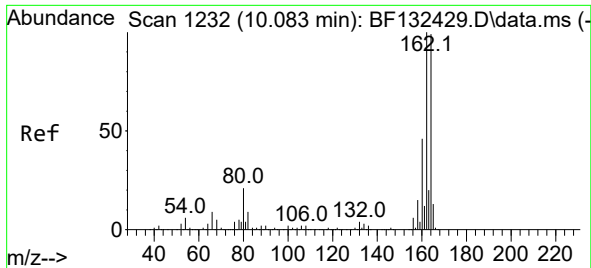
Ion Ratio Lower Upper

122 100

105 199.5 109.7 149.7#

77 110.7 83.8 123.8

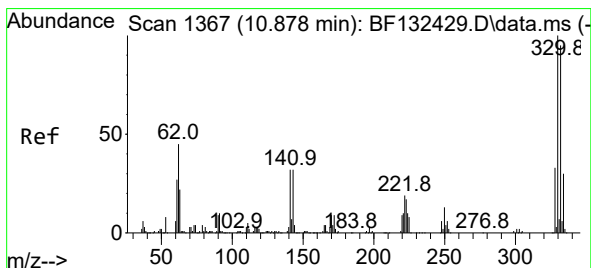
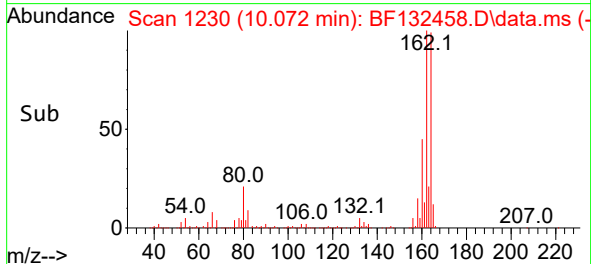
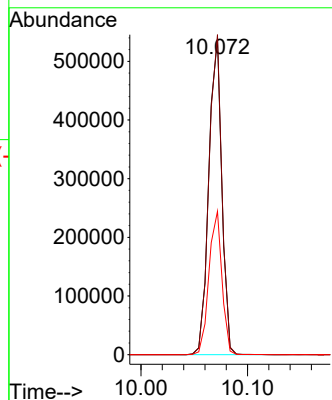
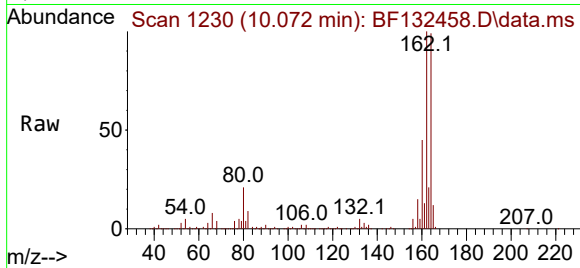




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

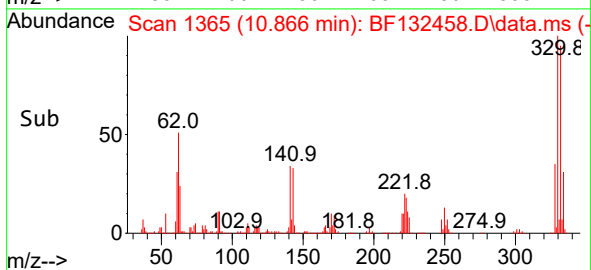
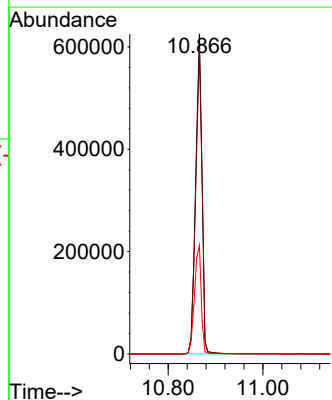
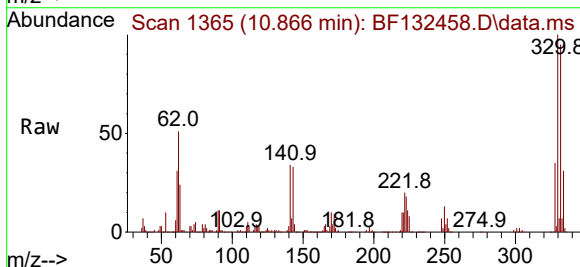
Instrument :
BNA_F
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EB-2023-2-16

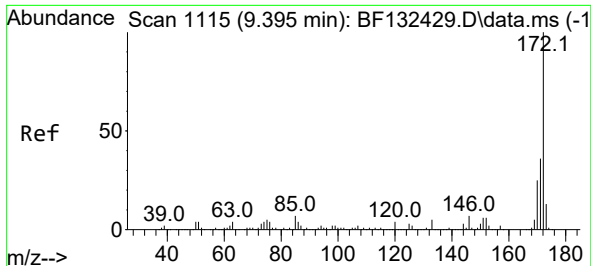
Tgt Ion:164 Resp: 458601
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 45.4 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 126.153 ng
RT: 10.866 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

Tgt Ion:330 Resp: 577234
Ion Ratio Lower Upper
330 100
332 95.9 76.3 114.5
141 36.2 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 73.771 ng

RT: 9.384 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF132458.D

Acq: 17 Feb 2023 19:32

Instrument :

BNA_F

ClientSampleId :

EB-2023-2-16

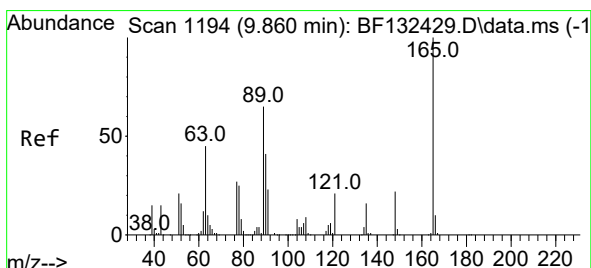
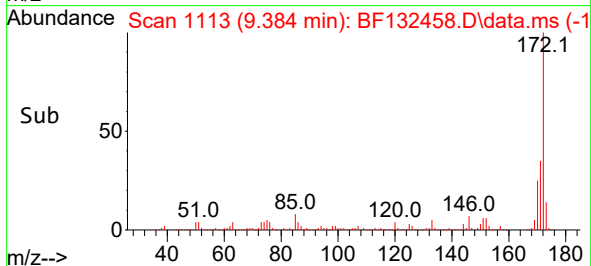
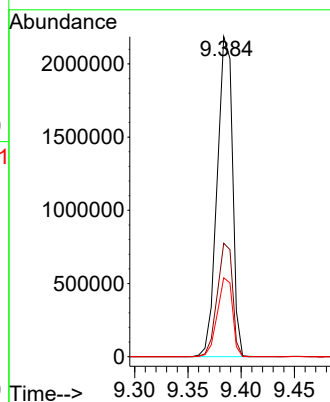
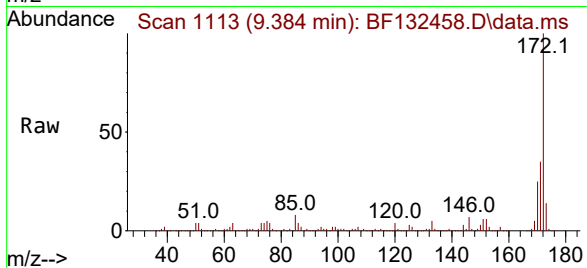
Tgt Ion:172 Resp: 2190731

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 24.6 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 7.867 ng

RT: 10.072 min Scan# 1230

Delta R.T. 0.218 min

Lab File: BF132458.D

Acq: 17 Feb 2023 19:32

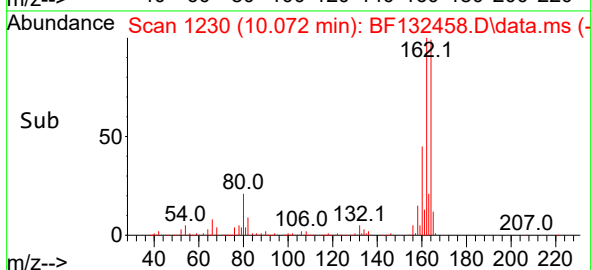
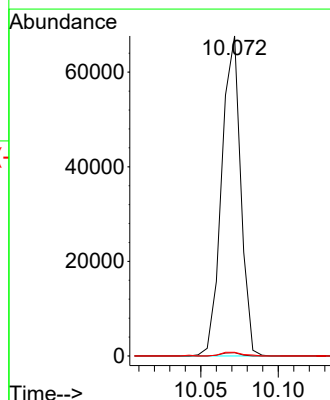
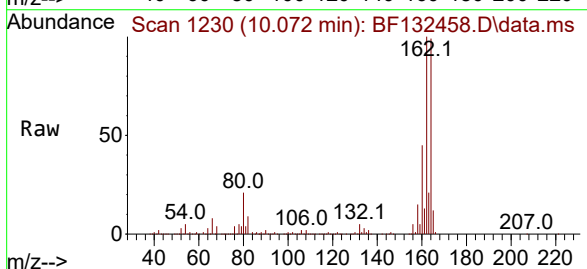
Tgt Ion:165 Resp: 57781

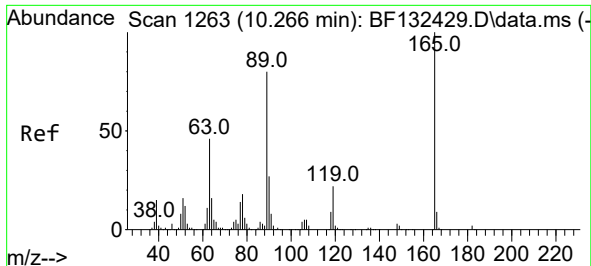
Ion Ratio Lower Upper

165 100

63 1.0 50.4 75.6#

89 1.1 52.2 78.2#





#57

2,4-Dinitrotoluene

Concen: 5.976 ng

RT: 10.072 min Scan# 1

Delta R.T. -0.188 min

Lab File: BF132458.D

Acq: 17 Feb 2023 19:32

Instrument :

BNA_F

ClientSampleId :

EB-2023-2-16

Tgt Ion:165 Resp: 57781

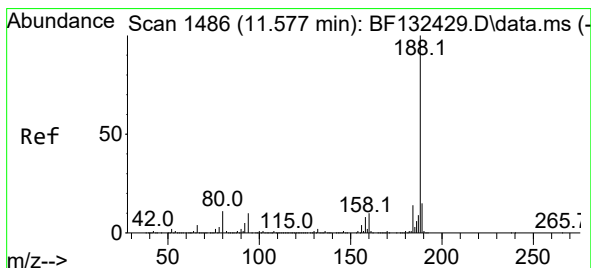
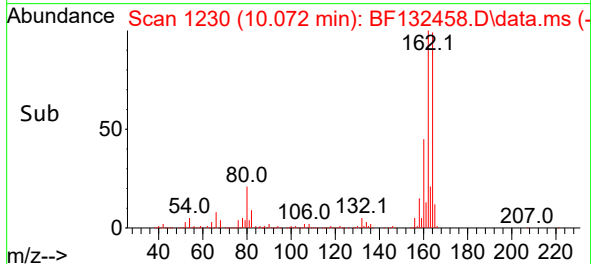
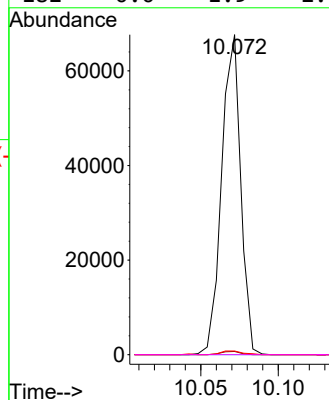
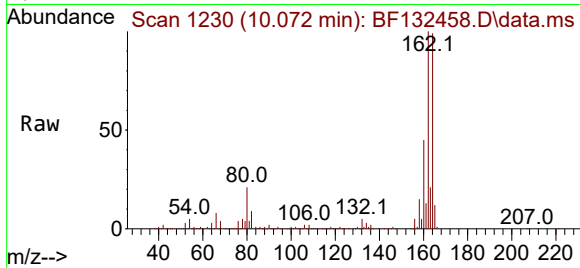
Ion Ratio Lower Upper

165 100

63 1.0 37.1 55.7#

89 1.1 63.6 95.4#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.566 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF132458.D

Acq: 17 Feb 2023 19:32

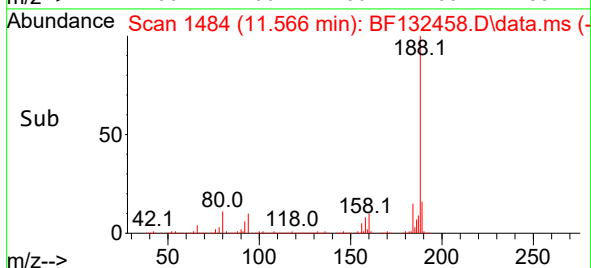
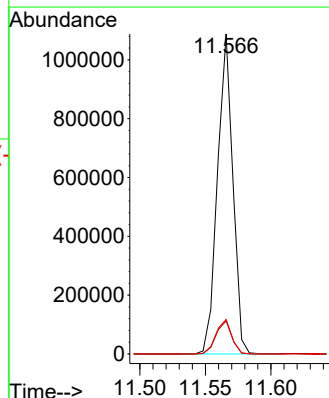
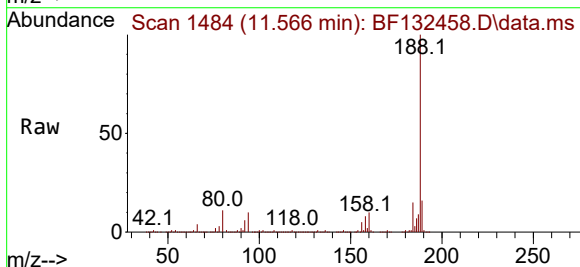
Tgt Ion:188 Resp: 884918

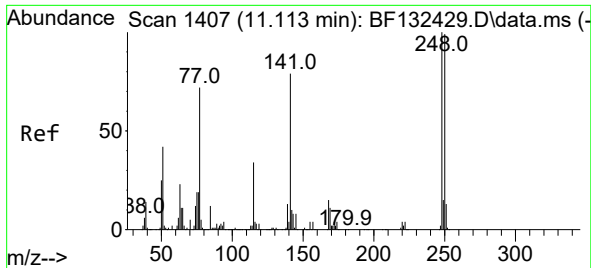
Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

80 10.8 8.6 12.8

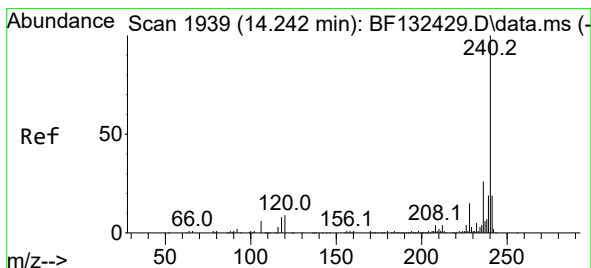
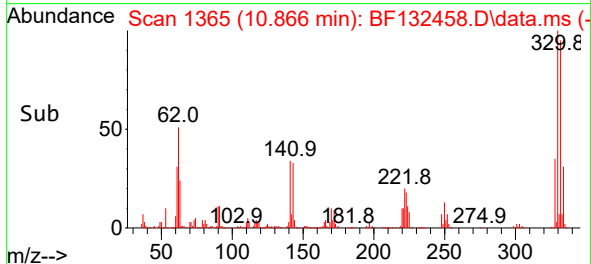
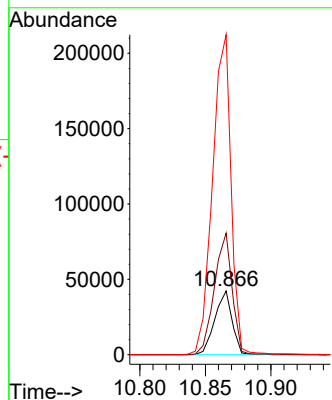
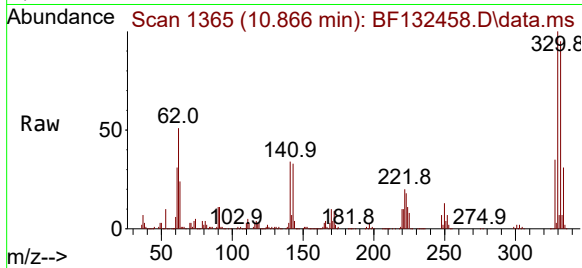




#67
4-Bromophenyl-phenylether
Concen: 3.994 ng
RT: 10.866 min Scan# 1365
Delta R.T. -0.241 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

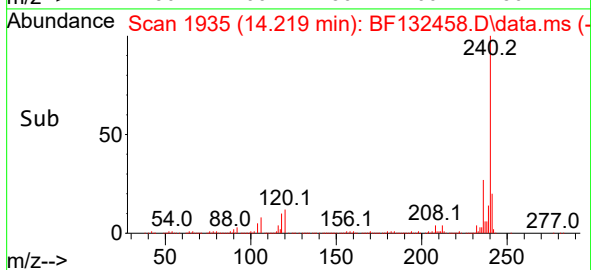
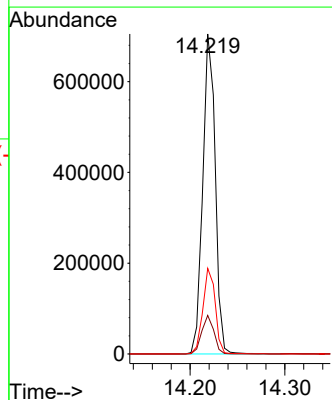
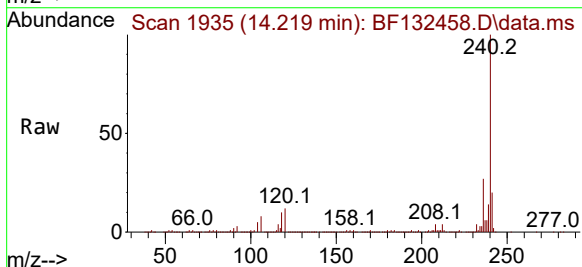
Instrument :
BNA_F
ClientSampleId :
EB-2023-2-16

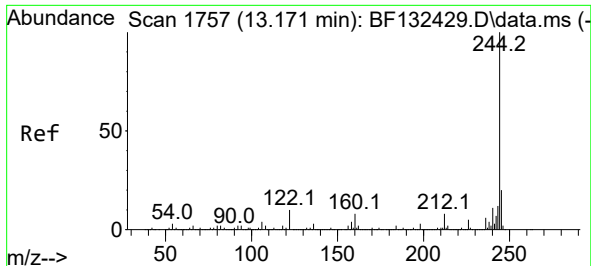
Tgt Ion:248 Resp: 38740
Ion Ratio Lower Upper
248 100
250 191.1 79.0 118.4#
141 502.6 63.3 94.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.219 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132458.D
Acq: 17 Feb 2023 19:32

Tgt Ion:240 Resp: 643688
Ion Ratio Lower Upper
240 100
120 12.0 7.5 11.3#
236 26.7 21.0 31.6

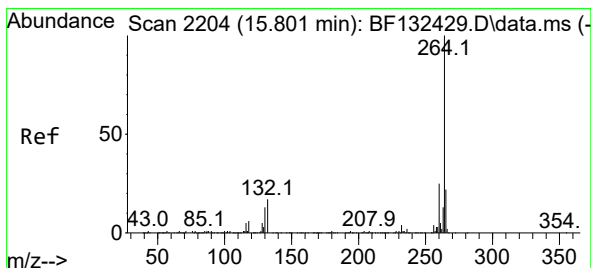
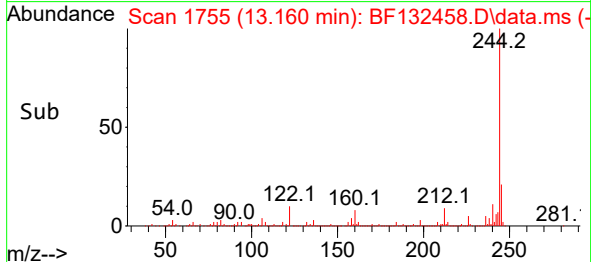
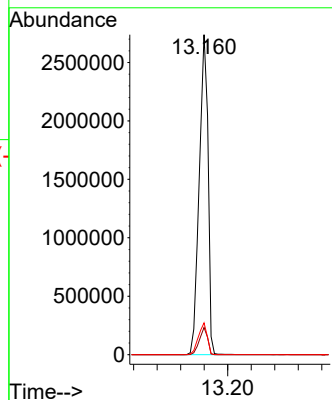
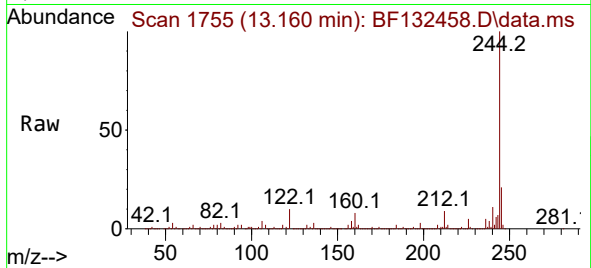




#79
 Terphenyl-d14
 Concen: 80.526 ng
 RT: 13.160 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132458.D
 Acq: 17 Feb 2023 19:32

Instrument :
 BNA_F
 ClientSampleId :
 EB-2023-2-16

Tgt Ion:244 Resp: 2846117
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 9.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.777 min Scan# 2200
 Delta R.T. -0.006 min
 Lab File: BF132458.D
 Acq: 17 Feb 2023 19:32

Tgt Ion:264 Resp: 577348
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 22.0 17.2 25.8

