

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132459.D
 Acq On : 17 Feb 2023 20:05
 Operator : CG\JU
 Sample : 01595-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-655-2

Quant Time: Feb 18 01:01:36 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)

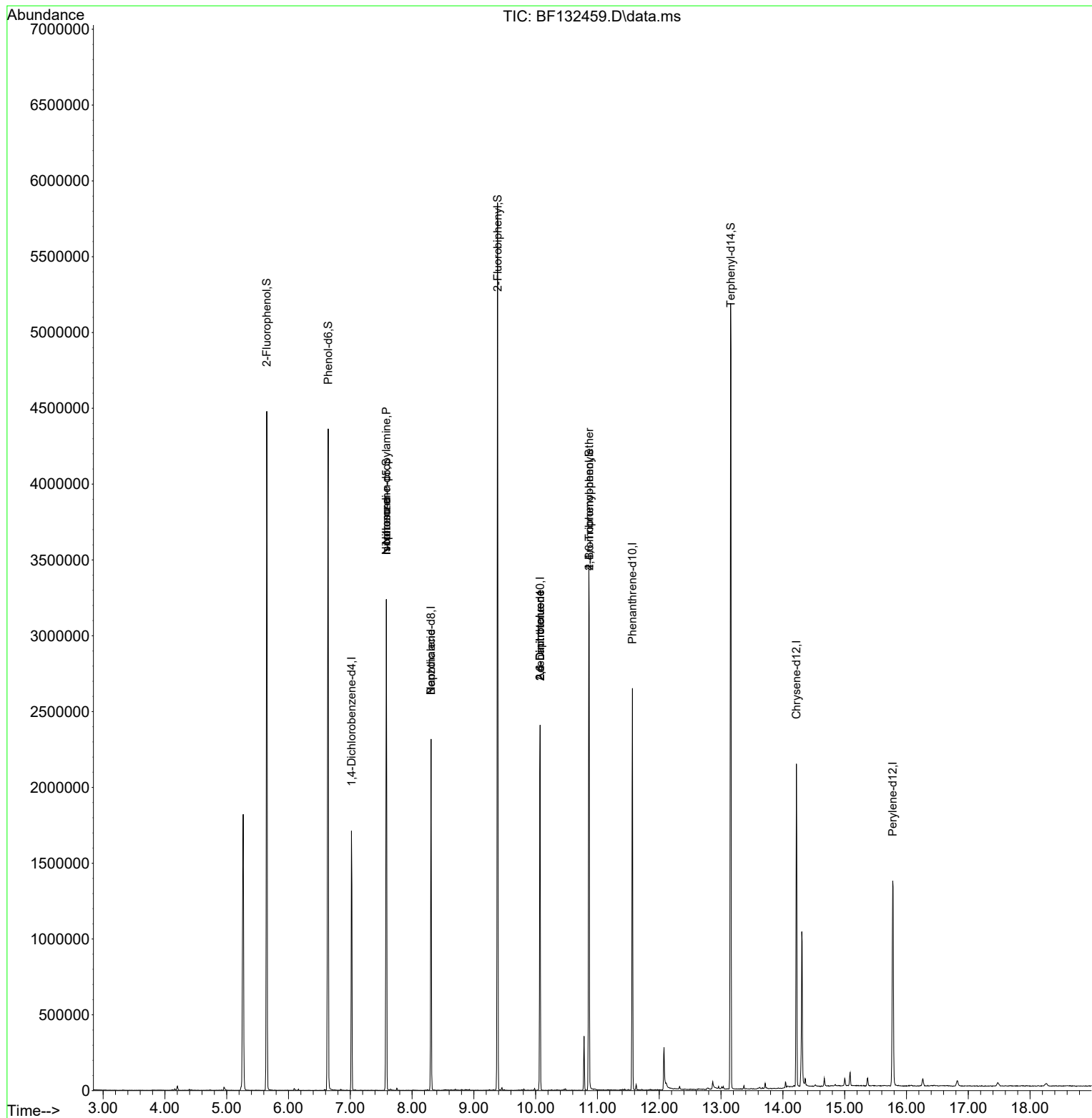
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	243122	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	898447	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	482274	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	930181	20.000	ng	0.00
76) Chrysene-d12	14.219	240	687677	20.000	ng	#-0.01
86) Perylene-d12	15.777	264	658128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1252737	82.565	ng	0.00
7) Phenol-d6	6.643	99	1618810	81.709	ng	0.00
23) Nitrobenzene-d5	7.584	82	1032559	55.222	ng	-0.01
42) 2,4,6-Tribromophenol	10.866	330	410798	85.372	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	1644947	52.673	ng	0.00
79) Terphenyl-d14	13.160	244	1948766	51.610	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.584	70	135869	11.187	ng	# 79
25) Isophorone	7.584	82	1031107	28.063	ng	# 68
32) Benzoic acid	8.307	122	229	7.169	ng	# 1
51) 2,6-Dinitrotoluene	10.072	165	63473	8.218	ng	# 20
57) 2,4-Dinitrotoluene	10.072	165	63473	6.243	ng	# 20
67) 4-Bromophenyl-phenylether	10.866	248	27926	2.739	ng	# 1

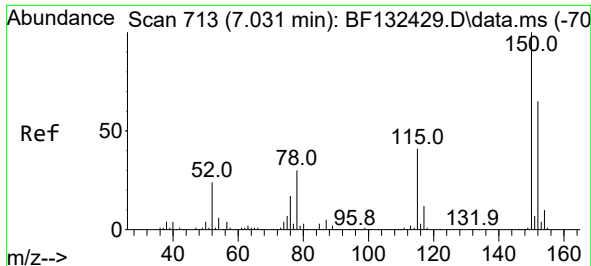
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
Data File : BF132459.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
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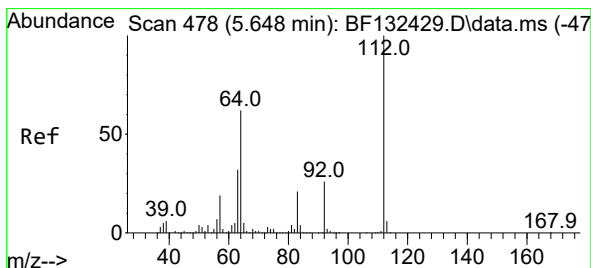
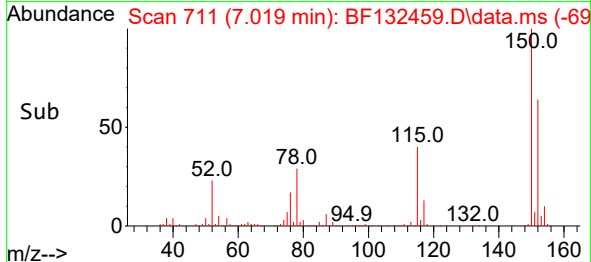
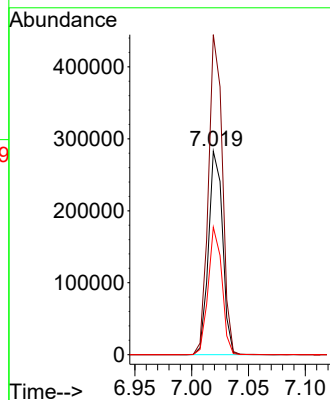
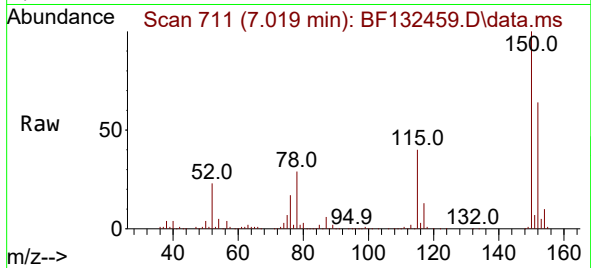




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

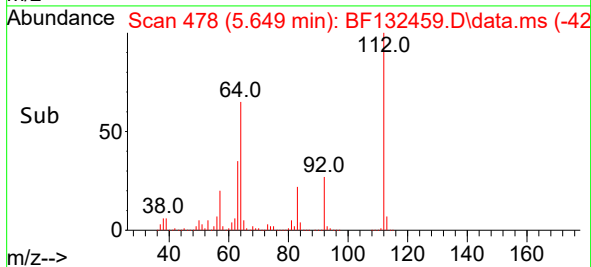
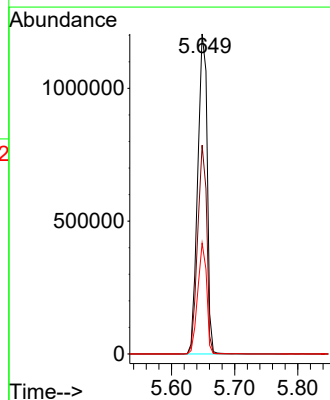
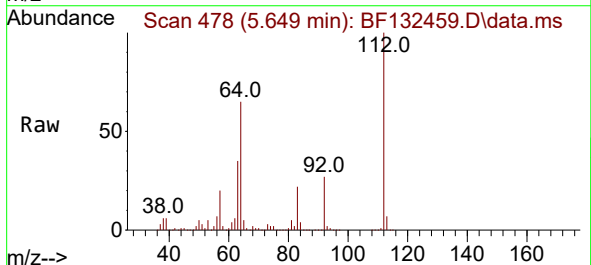
Instrument :
BNA_F
ClientSampleId :
S-655-2

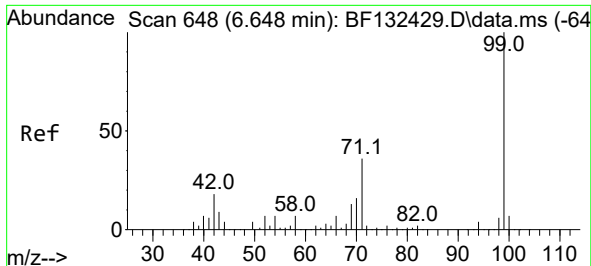
Tgt Ion:152 Resp: 243122
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.8
115 62.7 50.4 75.6



#5
2-Fluorophenol
Concen: 82.565 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion:112 Resp: 1252737
Ion Ratio Lower Upper
112 100
64 65.2 49.7 74.5
63 34.7 25.8 38.8

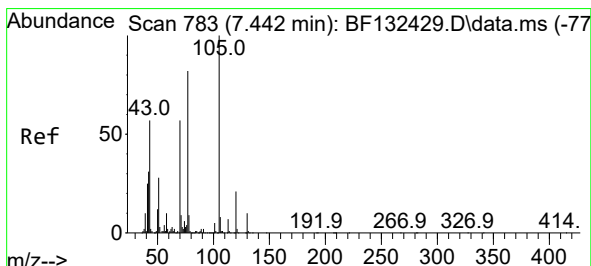
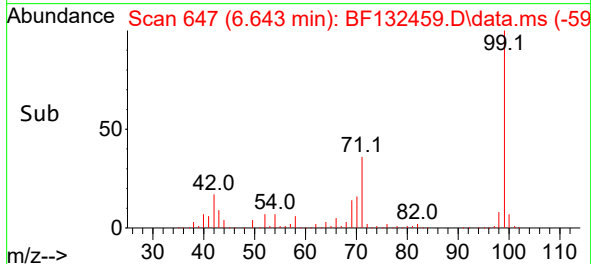
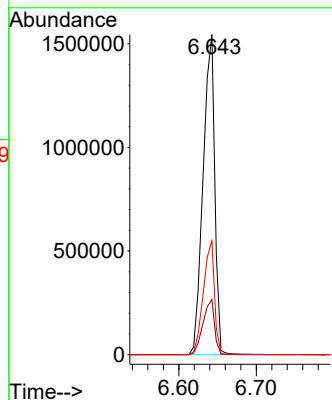
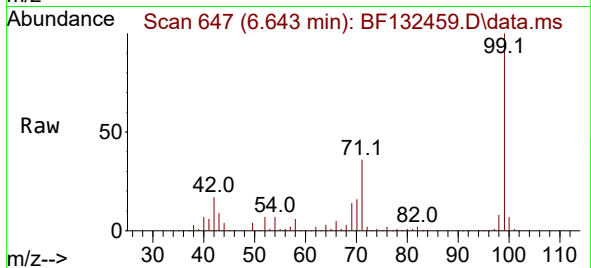




#7
Phenol-d6
Concen: 81.709 ng
RT: 6.643 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

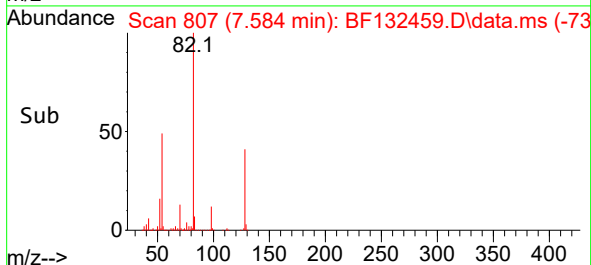
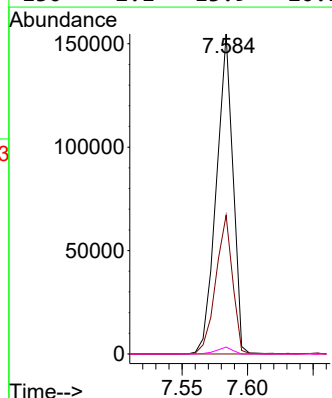
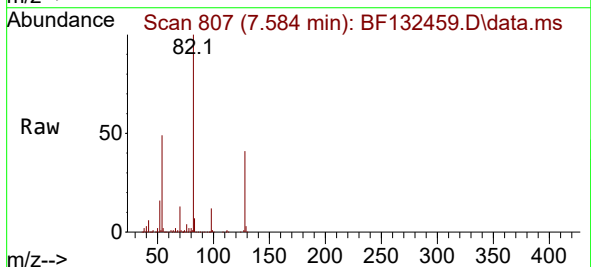
Instrument :
BNA_F
ClientSampleId :
S-655-2

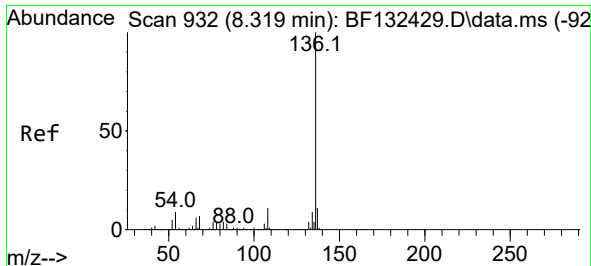
Tgt Ion: 99 Resp: 1618810
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 35.6 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.187 ng
RT: 7.584 min Scan# 807
Delta R.T. 0.147 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion: 70 Resp: 135869
Ion Ratio Lower Upper
70 100
42 43.3 43.5 65.3#
101 0.0 7.3 10.9#
130 2.1 13.9 20.9#

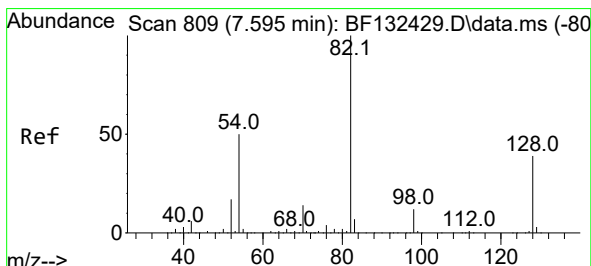
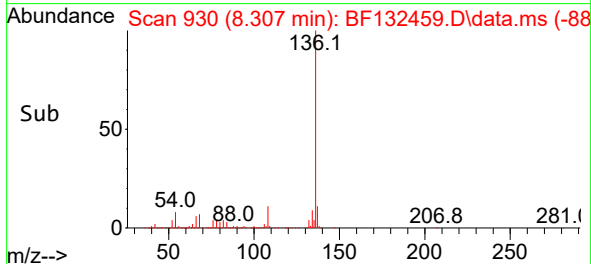
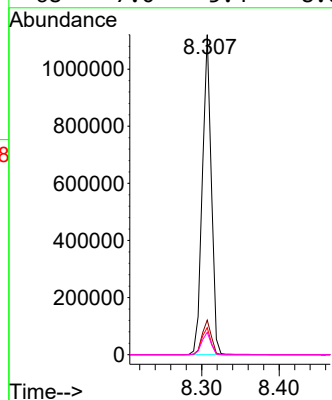
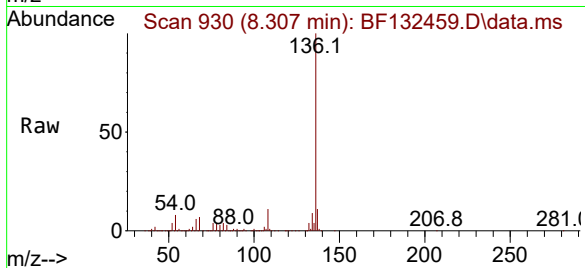




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

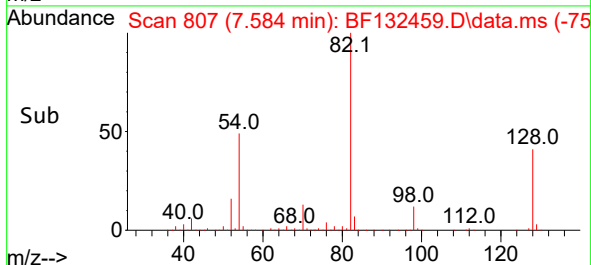
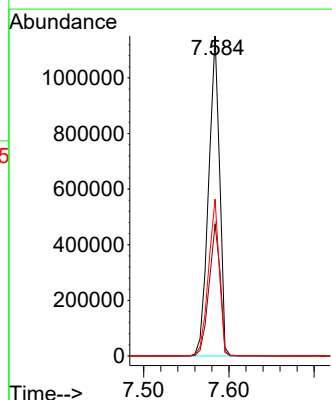
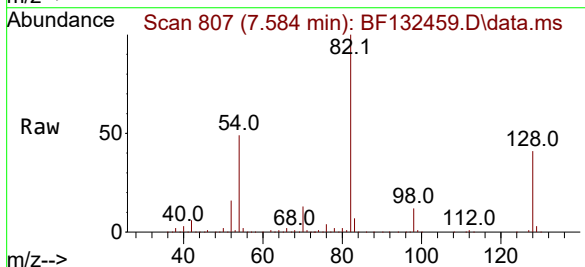
Instrument :
BNA_F
ClientSampleId :
S-655-2

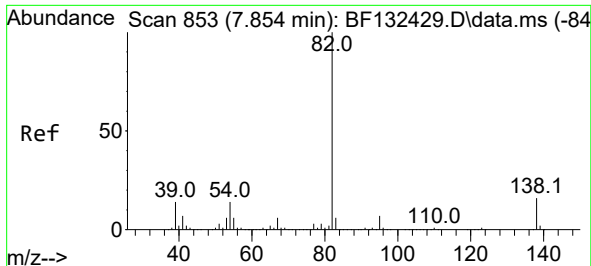
Tgt Ion:136 Resp: 898447
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.4 6.9 10.3
68 7.0 5.4 8.0



#23
Nitrobenzene-d5
Concen: 55.222 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion: 82 Resp: 1032559
Ion Ratio Lower Upper
82 100
128 41.1 30.8 46.2
54 49.0 40.2 60.4

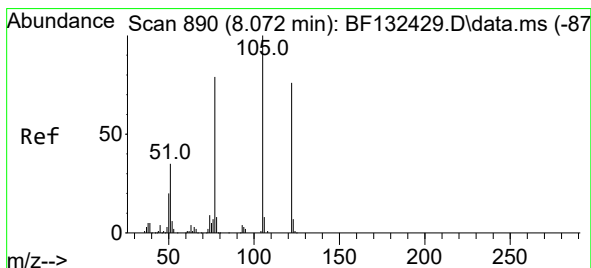
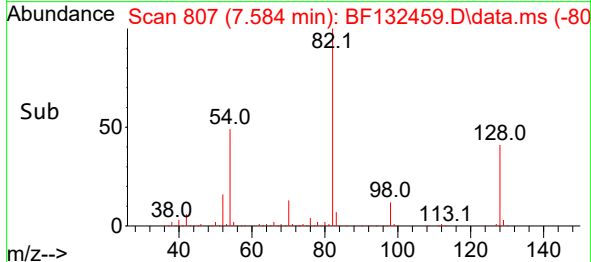
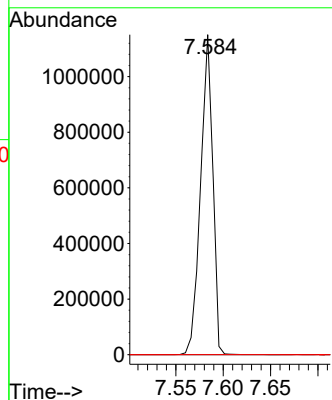
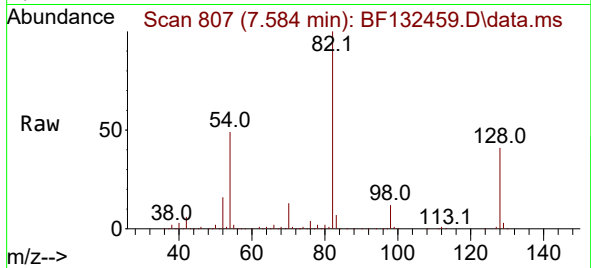




#25
Isophorone
Concen: 28.063 ng
RT: 7.584 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

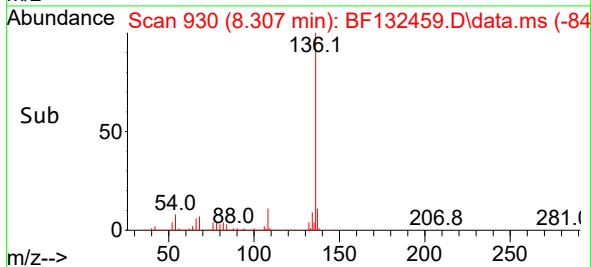
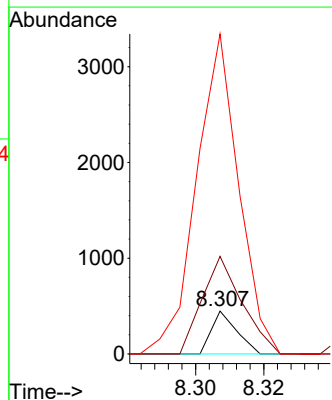
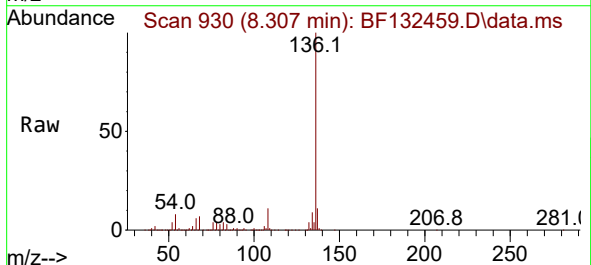
Instrument :
BNA_F
ClientSampleId :
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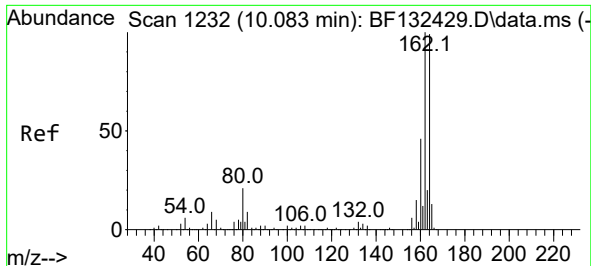
Tgt Ion: 82 Resp: 1031107
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.169 ng
RT: 8.307 min Scan# 930
Delta R.T. 0.230 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion:122 Resp: 229
Ion Ratio Lower Upper
122 100
105 227.5 109.7 149.7#
77 746.0 83.8 123.8#

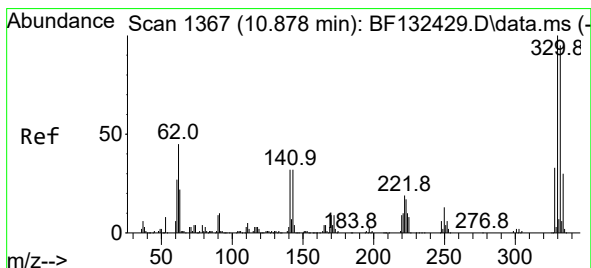
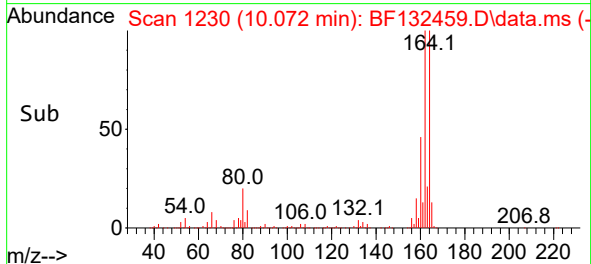
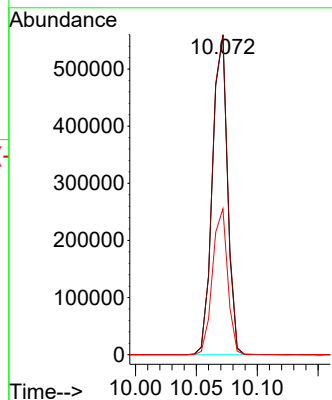
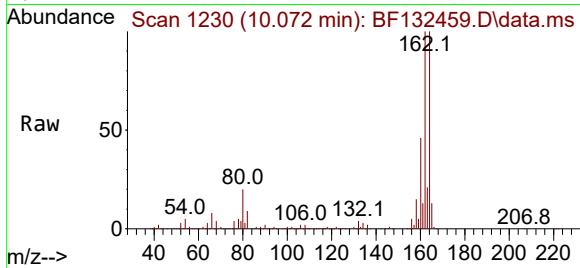




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

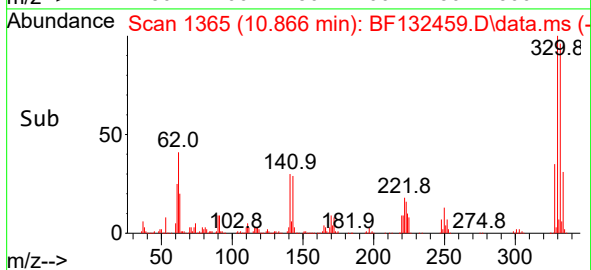
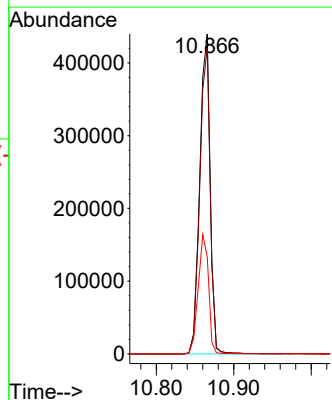
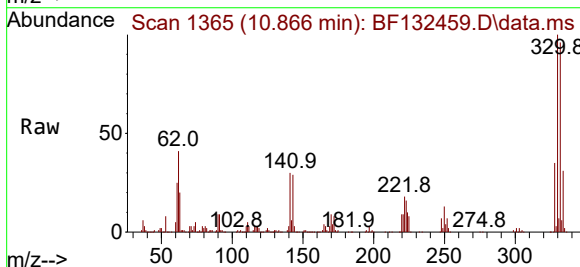
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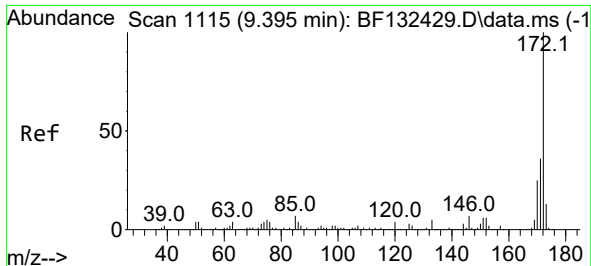
Tgt Ion:164 Resp: 482274
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 45.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 85.372 ng
RT: 10.866 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion:330 Resp: 410798
Ion Ratio Lower Upper
330 100
332 95.5 76.3 114.5
141 37.1 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 52.673 ng

RT: 9.384 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132459.D

Acq: 17 Feb 2023 20:05

Instrument :

BNA_F

ClientSampleId :

S-655-2

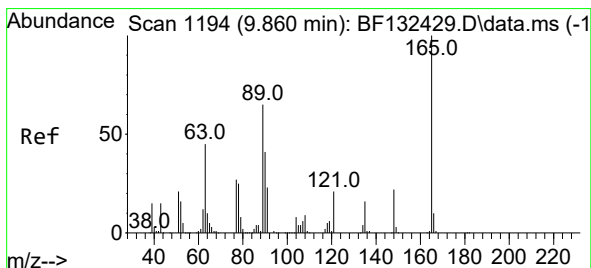
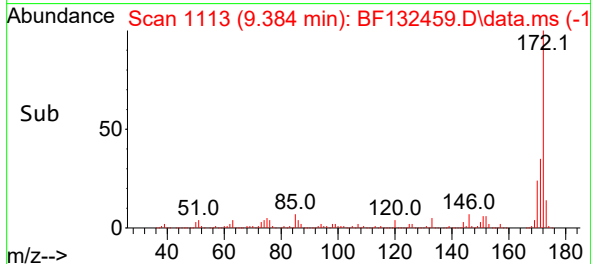
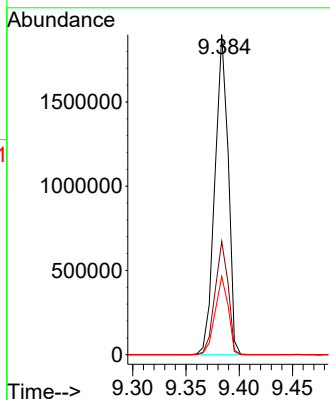
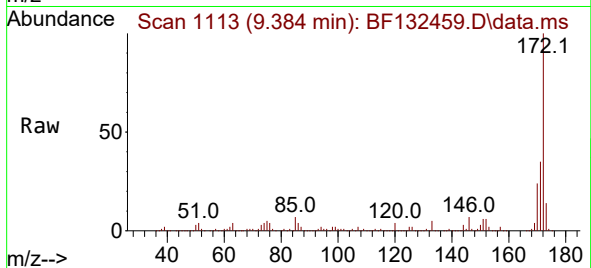
Tgt Ion:172 Resp: 1644947

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 24.5 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 8.218 ng

RT: 10.072 min Scan# 1230

Delta R.T. 0.218 min

Lab File: BF132459.D

Acq: 17 Feb 2023 20:05

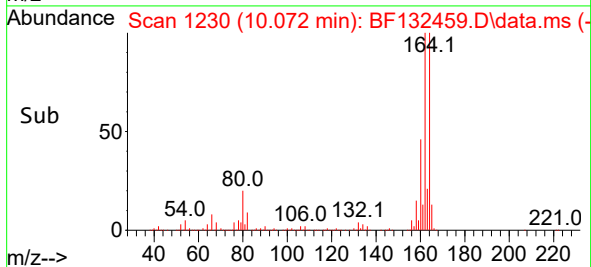
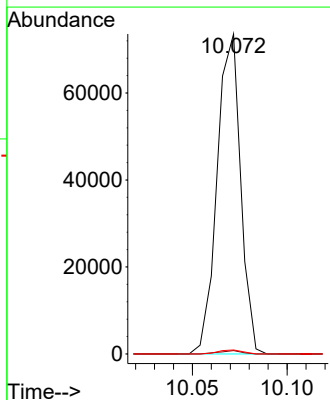
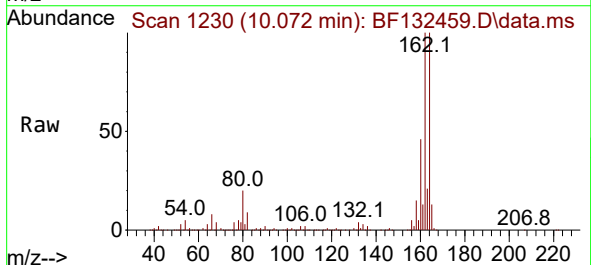
Tgt Ion:165 Resp: 63473

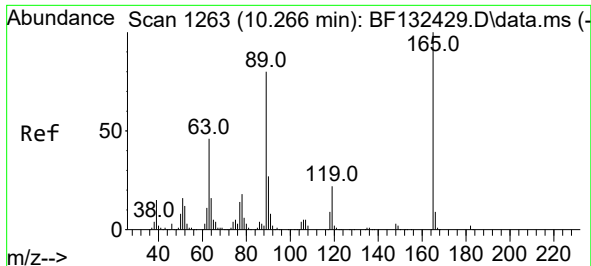
Ion Ratio Lower Upper

165 100

63 1.1 50.4 75.6#

89 1.3 52.2 78.2#

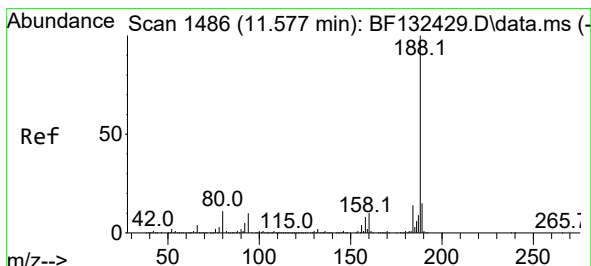
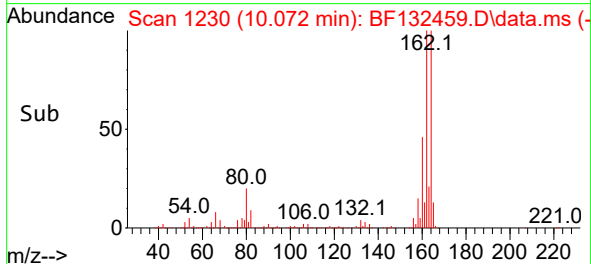
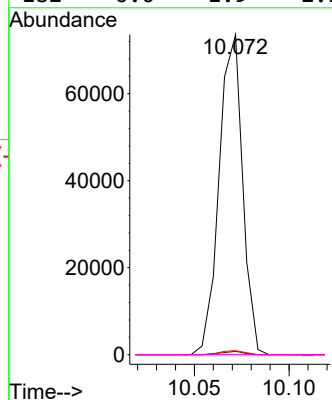
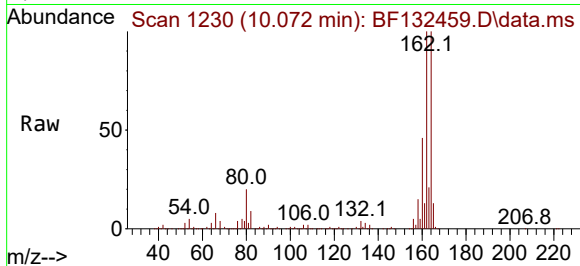




#57
2,4-Dinitrotoluene
Concen: 6.243 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

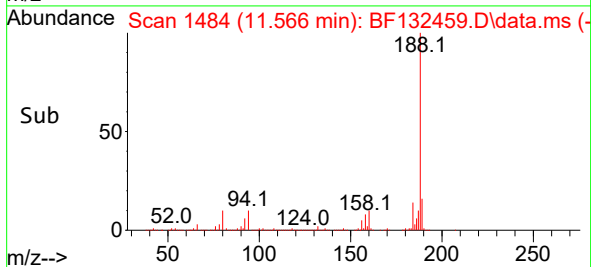
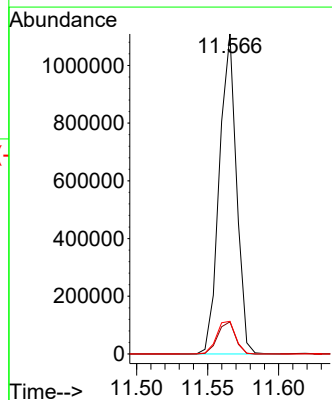
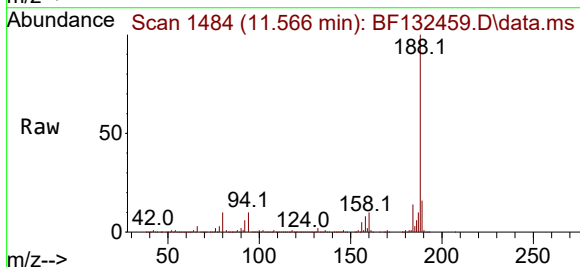
Instrument :
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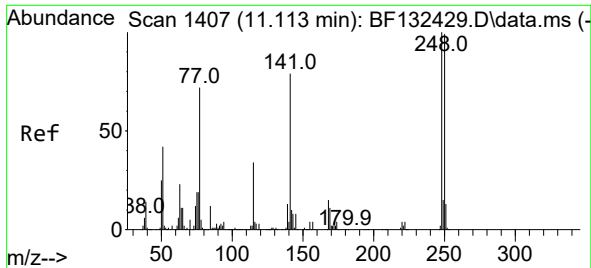
Tgt Ion:165 Resp: 63473
Ion Ratio Lower Upper
165 100
63 1.1 37.1 55.7#
89 1.3 63.6 95.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.566 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion:188 Resp: 930181
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.2 8.6 12.8

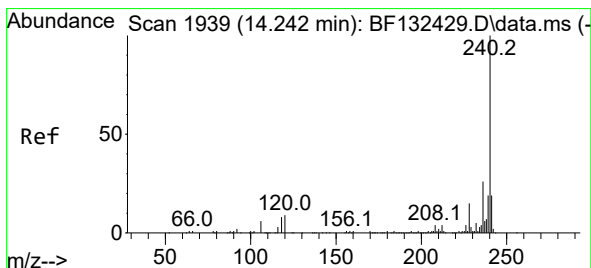
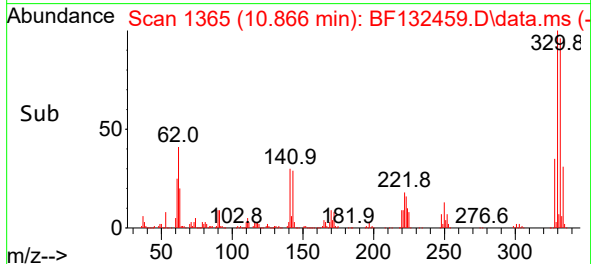
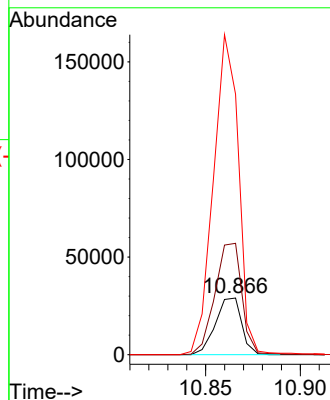
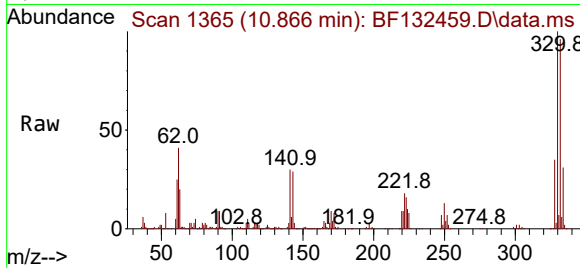




#67
4-Bromophenyl-phenylether
Concen: 2.739 ng
RT: 10.866 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

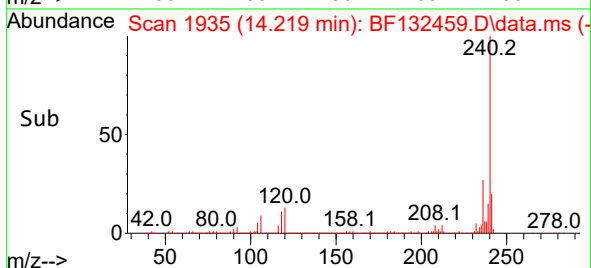
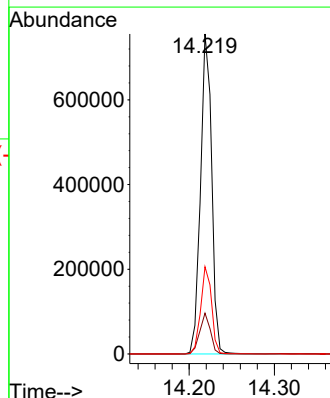
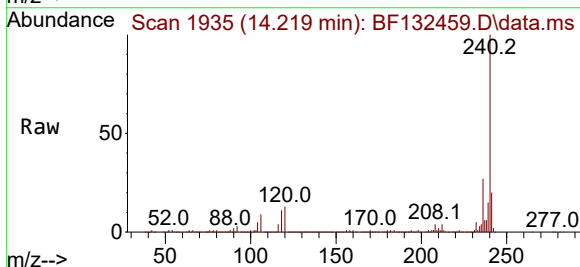
Instrument :
BNA_F
ClientSampleId :
S-655-2

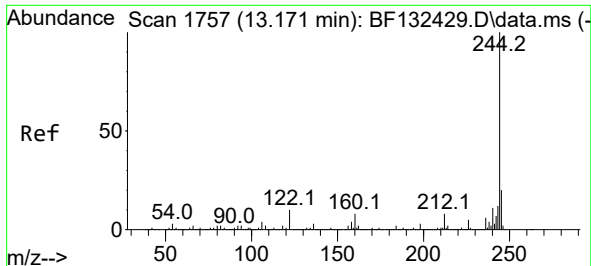
Tgt Ion:248 Resp: 27926
Ion Ratio Lower Upper
248 100
250 196.4 79.0 118.4#
141 459.1 63.3 94.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.219 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132459.D
Acq: 17 Feb 2023 20:05

Tgt Ion:240 Resp: 687677
Ion Ratio Lower Upper
240 100
120 12.7 7.5 11.3#
236 27.3 21.0 31.6

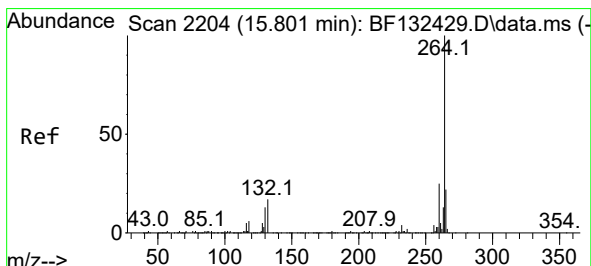
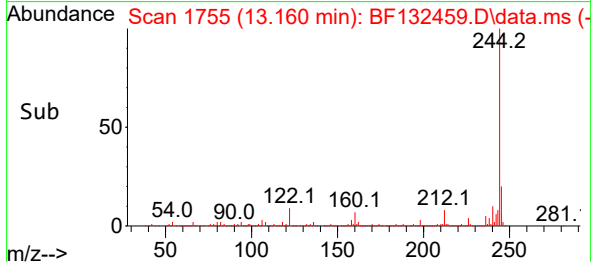
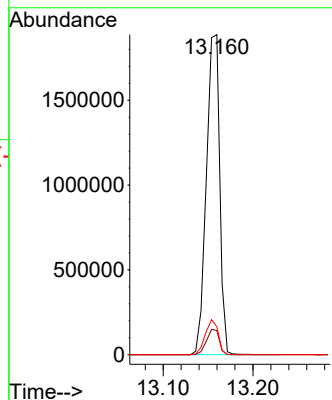
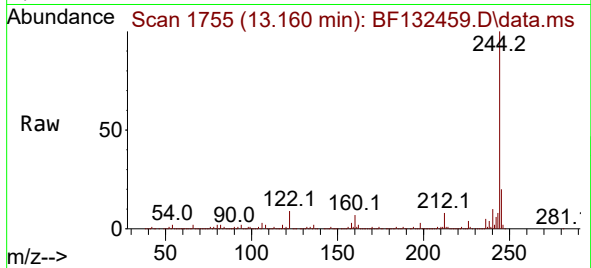




#79
 Terphenyl-d14
 Concen: 51.610 ng
 RT: 13.160 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132459.D
 Acq: 17 Feb 2023 20:05

Instrument :
 BNA_F
 ClientSampleId :
 S-655-2

Tgt Ion:244 Resp: 1948766
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.7 10.1
 122 8.8 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: BF132459.D
 Acq: 17 Feb 2023 20:05

Tgt Ion:264 Resp: 658128
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 21.7 17.2 25.8

