

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132367.D
 Acq On : 08 Feb 2023 20:45
 Operator : CG\JU
 Sample : 01463-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Quant Time: Feb 09 02:02:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

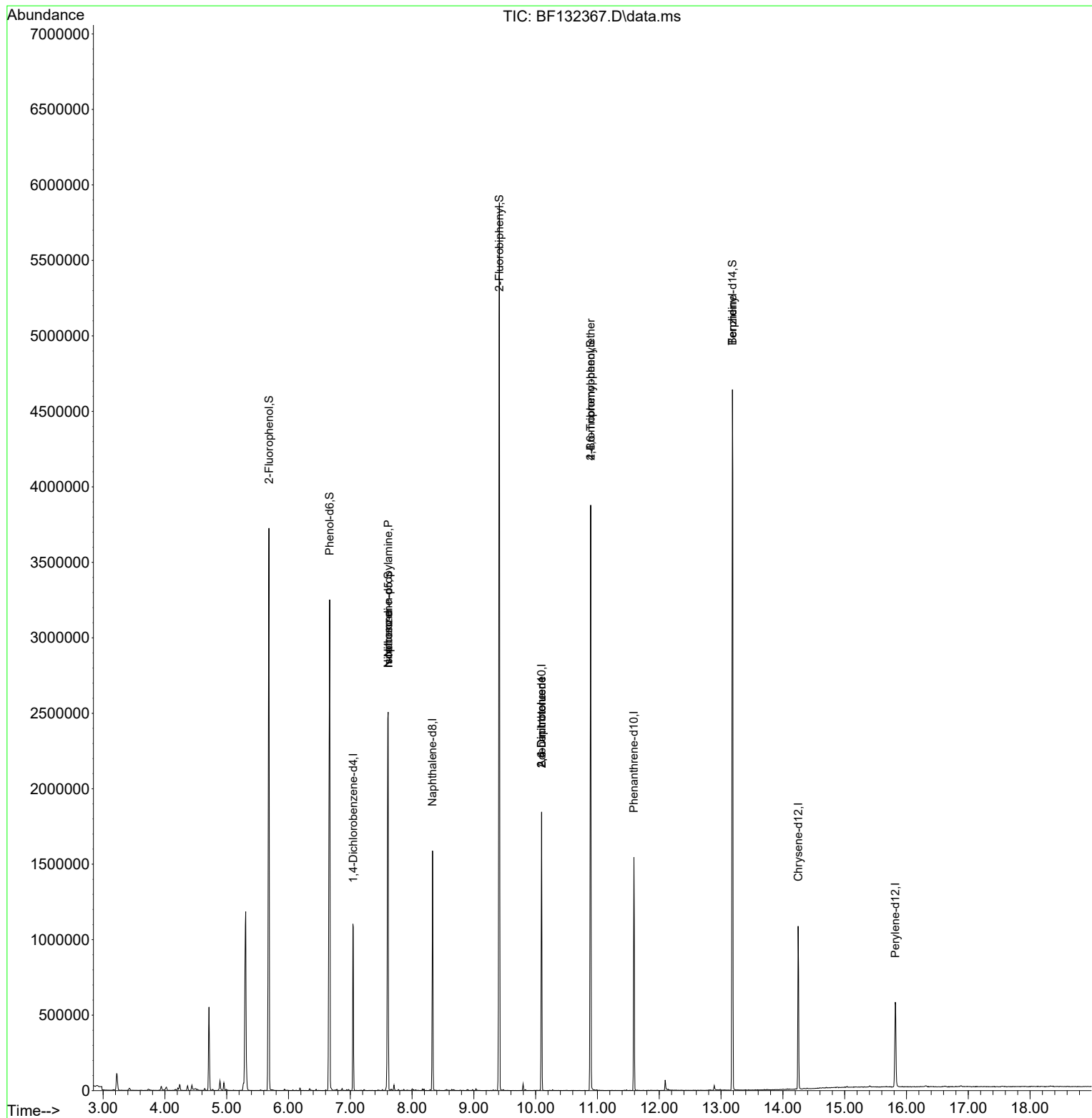
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	182085	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	698848	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	344061	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	550702	20.000	ng	0.00
76) Chrysene-d12	14.248	240	341753	20.000	ng	0.00
86) Perylene-d12	15.818	264	273024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1348683	119.058	ng	0.02
7) Phenol-d6	6.666	99	1537213	110.070	ng	0.00
23) Nitrobenzene-d5	7.613	82	1034613	82.383	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	506818	143.242	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1868728	83.874	ng	0.00
79) Terphenyl-d14	13.183	244	1715710	97.114	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.666	77	2149	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.613	70	129816	16.364	ng	# 76
25) Isophorone	7.613	82	1034759	43.411	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	45075	8.386	ng	# 24
57) 2,4-Dinitrotoluene	10.095	165	45075	6.456	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	28605	5.073	ng	# 1
77) Benzydine	13.183	184	26987	2.259	ng	# 92

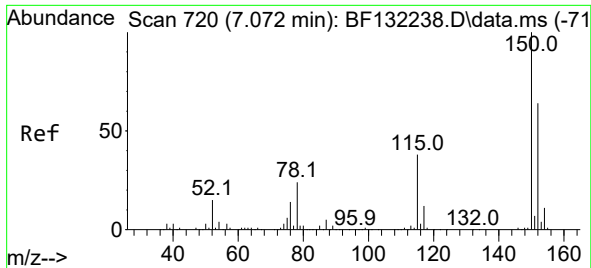
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Feb 09 02:02:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
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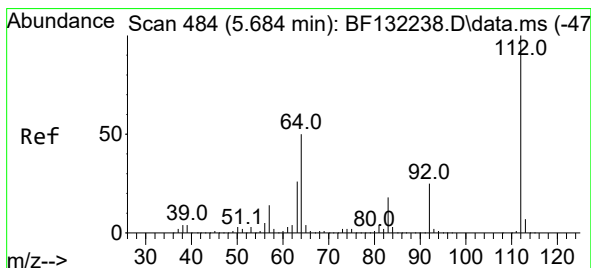
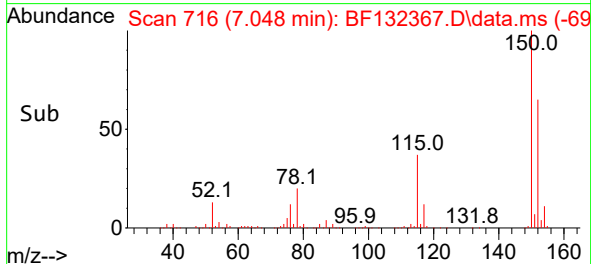
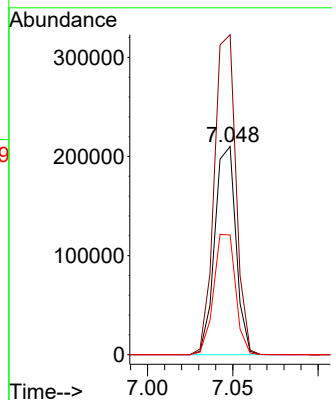
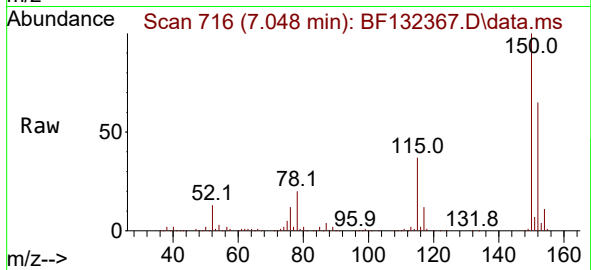




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132367.D
Acq: 08 Feb 2023 20:45

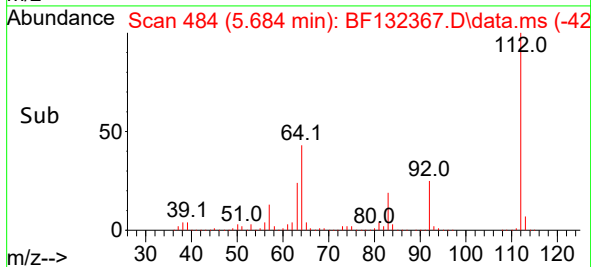
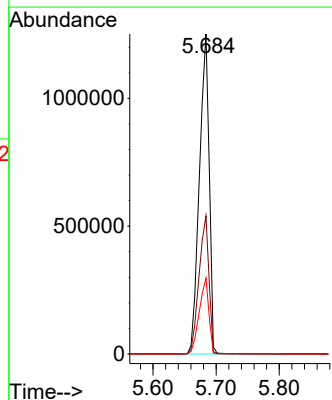
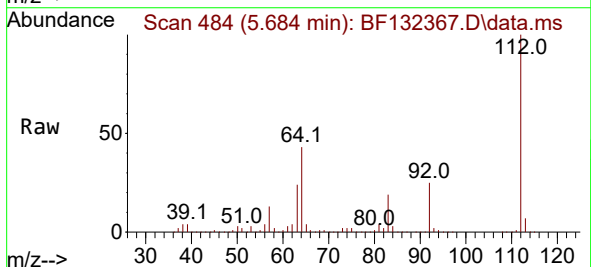
Instrument :
BNA_F
ClientSampleId :
COMP-6

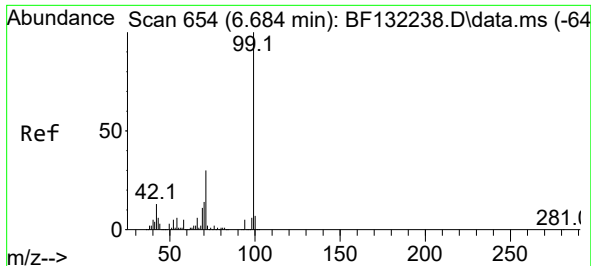
Tgt Ion:152 Resp: 182085
Ion Ratio Lower Upper
152 100
150 153.7 124.2 186.2
115 57.5 47.3 70.9



#5
2-Fluorophenol
Concen: 119.058 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132367.D
Acq: 08 Feb 2023 20:45

Tgt Ion:112 Resp: 1348683
Ion Ratio Lower Upper
112 100
64 43.2 40.0 60.0
63 23.7 20.5 30.7





#7

Phenol-d6

Concen: 110.070 ng

RT: 6.666 min Scan# 6

Delta R.T. 0.000 min

Lab File: BF132367.D

Acq: 08 Feb 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-6

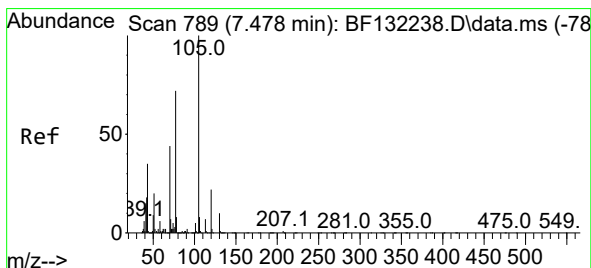
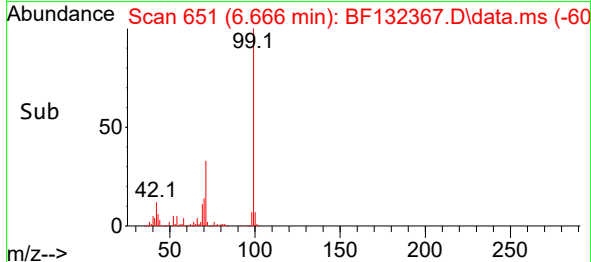
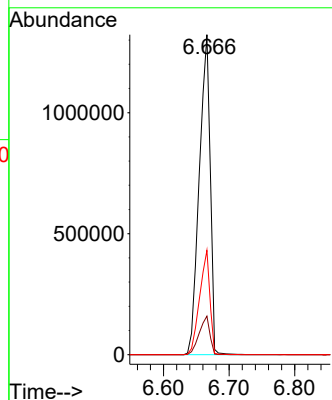
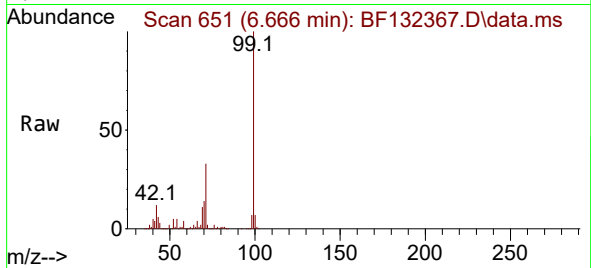
Tgt Ion: 99 Resp: 1537213

Ion Ratio Lower Upper

99 100

42 12.0 10.1 15.1

71 32.6 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.364 ng

RT: 7.613 min Scan# 812

Delta R.T. 0.153 min

Lab File: BF132367.D

Acq: 08 Feb 2023 20:45

Tgt Ion: 70 Resp: 129816

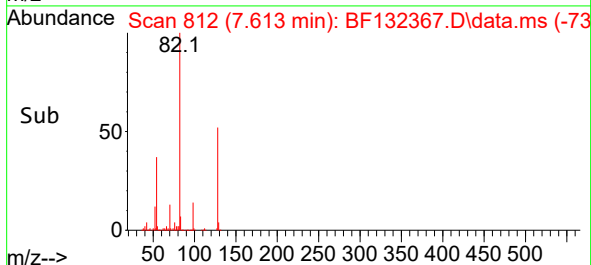
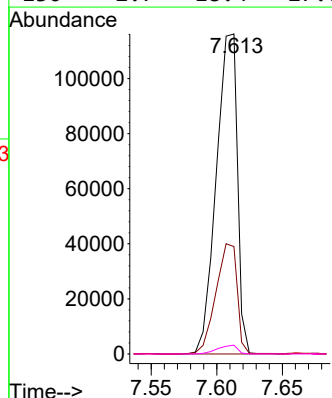
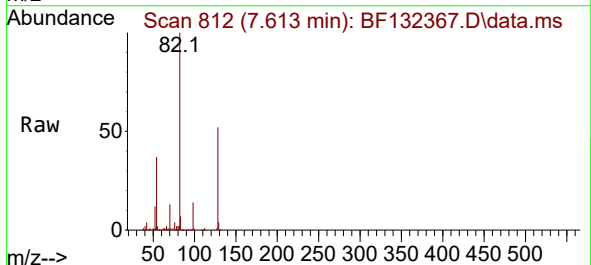
Ion Ratio Lower Upper

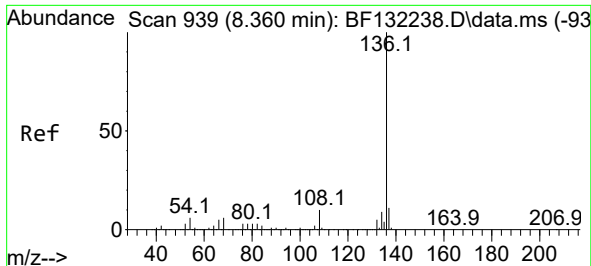
70 100

42 33.6 33.4 50.0

101 0.0 8.2 12.4#

130 2.7 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.331 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132367.D

Acq: 08 Feb 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-6

Tgt Ion:136 Resp: 698848

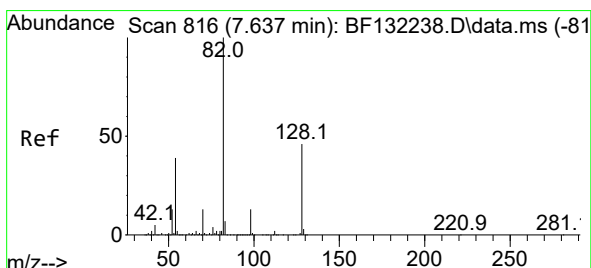
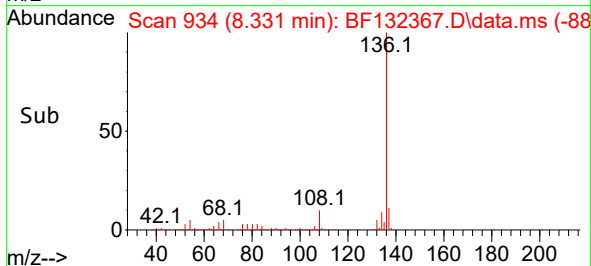
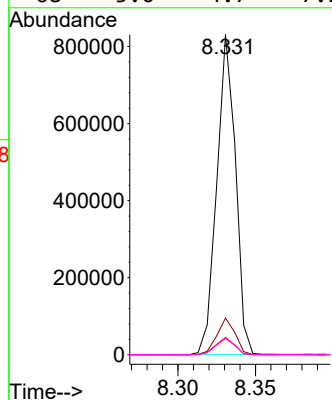
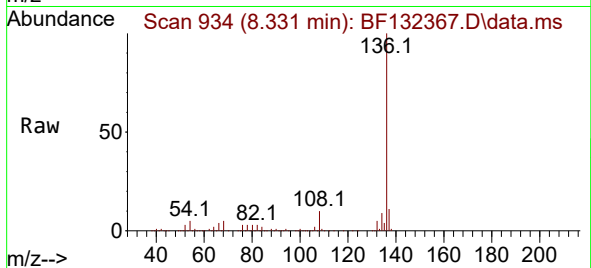
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 5.4 4.9 7.3

68 5.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 82.383 ng

RT: 7.613 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF132367.D

Acq: 08 Feb 2023 20:45

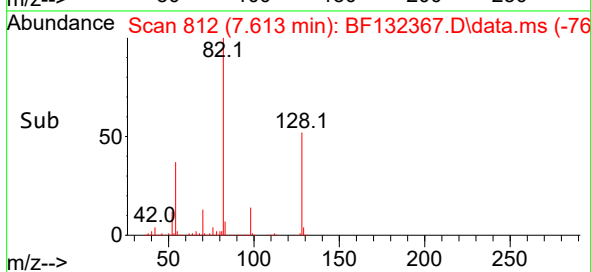
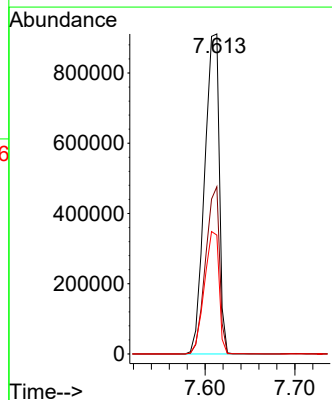
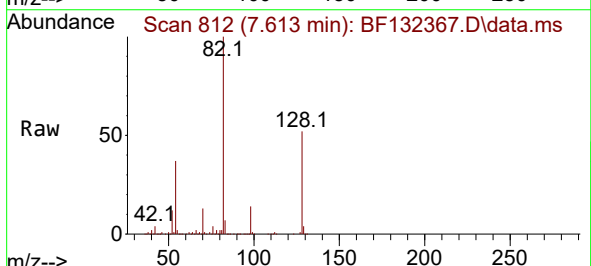
Tgt Ion: 82 Resp: 1034613

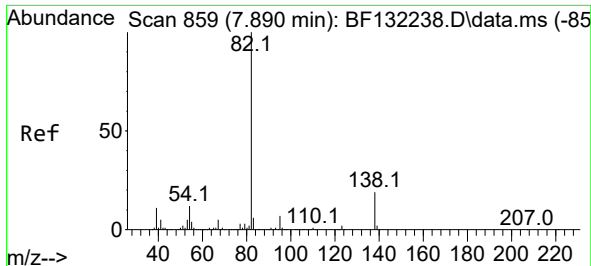
Ion Ratio Lower Upper

82 100

128 52.3 37.0 55.4

54 37.2 31.5 47.3

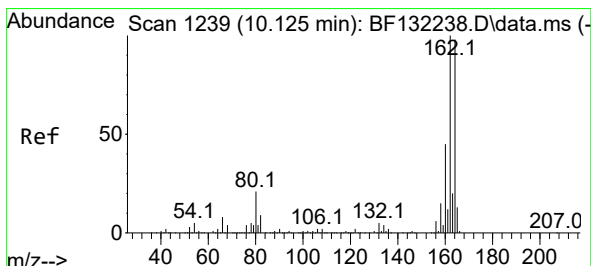
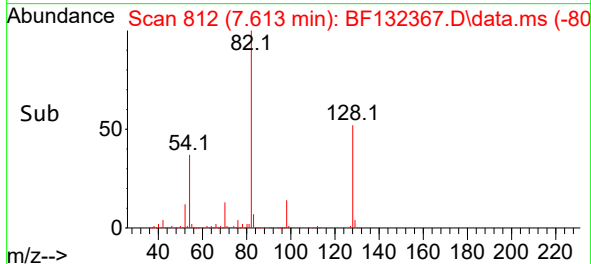
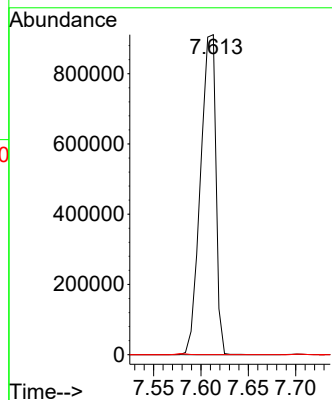
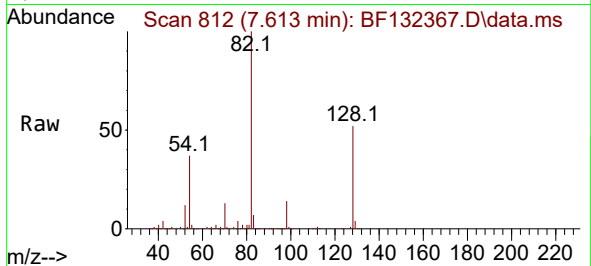




#25
Isophorone
Concen: 43.411 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132367.D
Acq: 08 Feb 2023 20:45

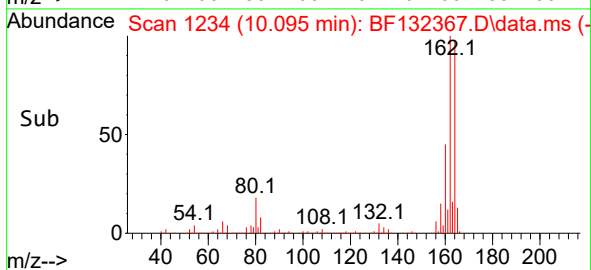
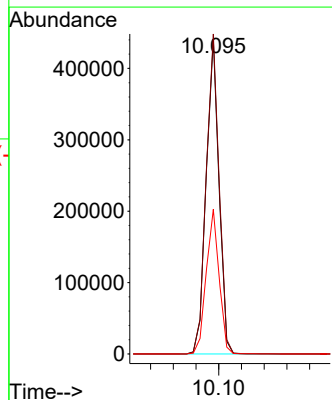
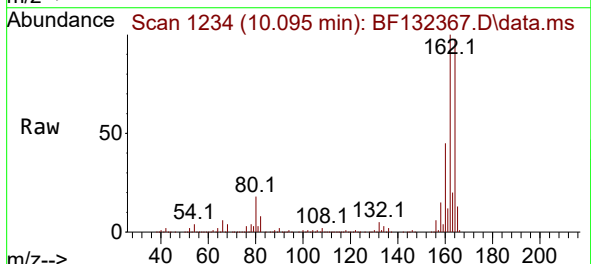
Instrument :
BNA_F
ClientSampleId :
COMP-6

Tgt Ion: 82 Resp: 1034759
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132367.D
Acq: 08 Feb 2023 20:45

Tgt Ion: 164 Resp: 344061
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 45.9 37.1 55.7

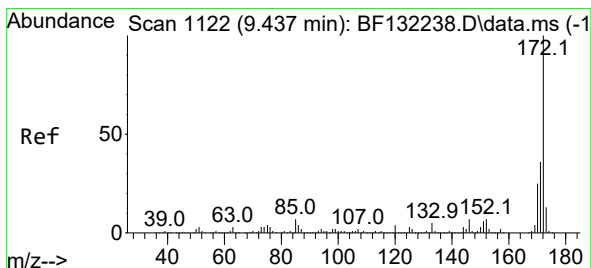
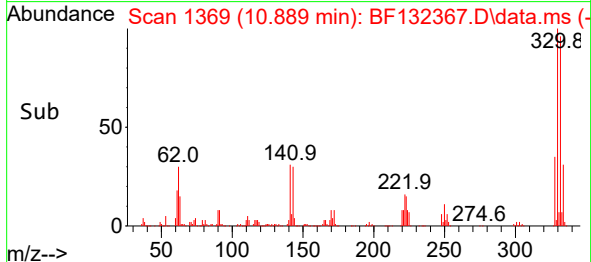
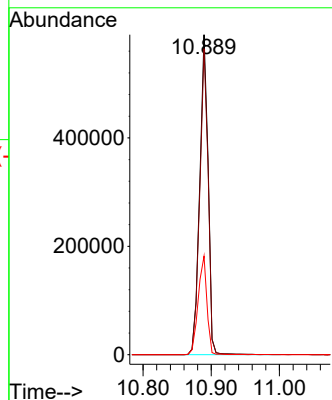
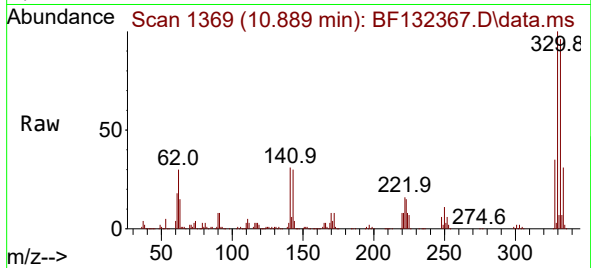




#42
2,4,6-Tribromophenol
Concen: 143.242 ng
RT: 10.889 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132367.D
Acq: 08 Feb 2023 20:45

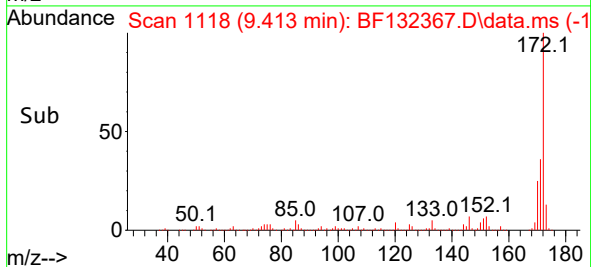
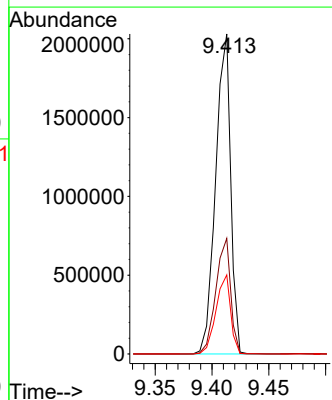
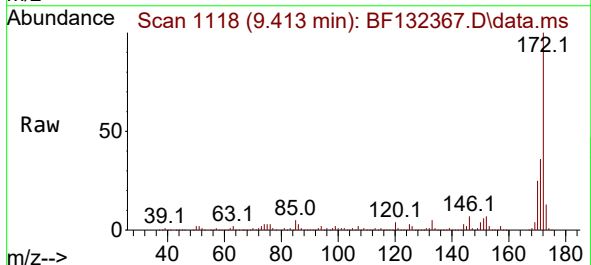
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BNA_F
ClientSampleId :
COMP-6

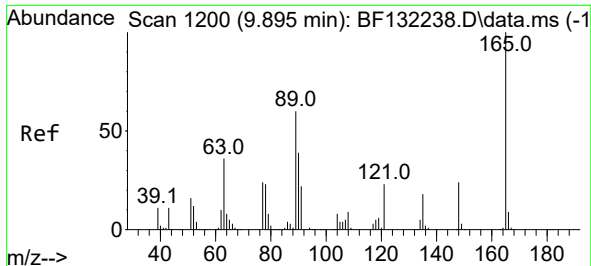
Tgt Ion:330 Resp: 506818
Ion Ratio Lower Upper
330 100
332 95.7 77.9 116.9
141 32.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 83.874 ng
RT: 9.413 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF132367.D
Acq: 08 Feb 2023 20:45

Tgt Ion:172 Resp: 1868728
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.7 19.7 29.5

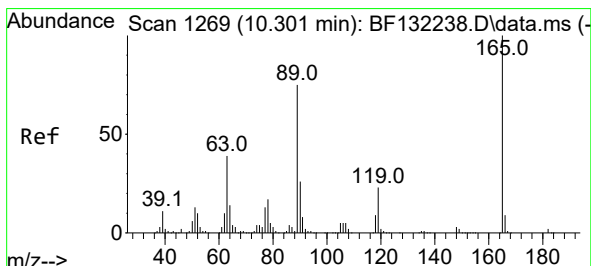
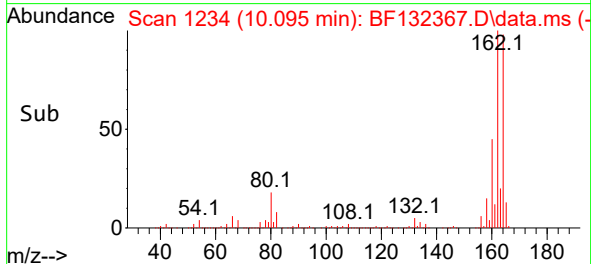
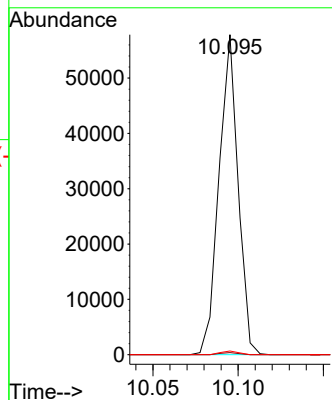
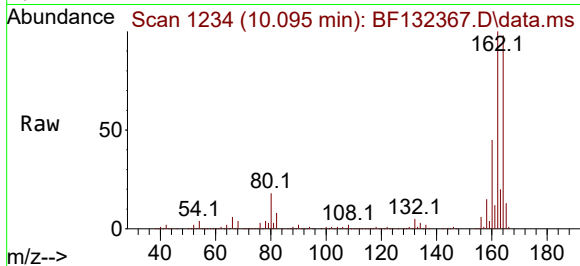




#51
2,6-Dinitrotoluene
Concen: 8.386 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132367.D
Acq: 08 Feb 2023 20:45

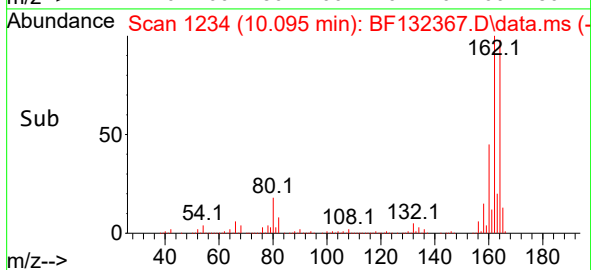
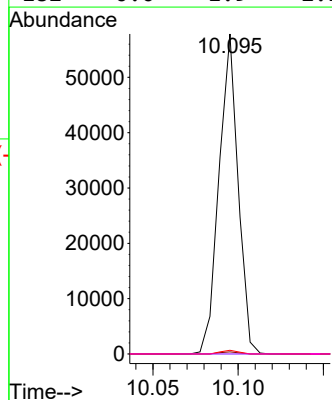
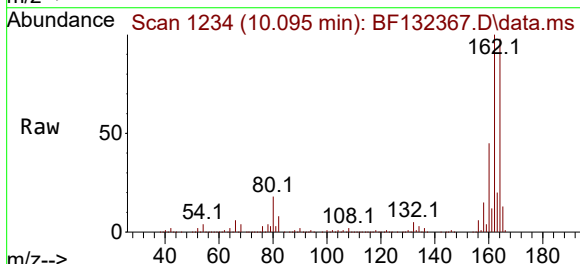
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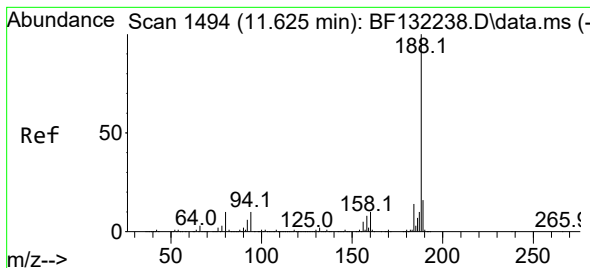
Tgt Ion:165 Resp: 45075
Ion Ratio Lower Upper
165 100
63 0.7 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.456 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132367.D
Acq: 08 Feb 2023 20:45

Tgt Ion:165 Resp: 45075
Ion Ratio Lower Upper
165 100
63 0.7 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.589 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132367.D

Acq: 08 Feb 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-6

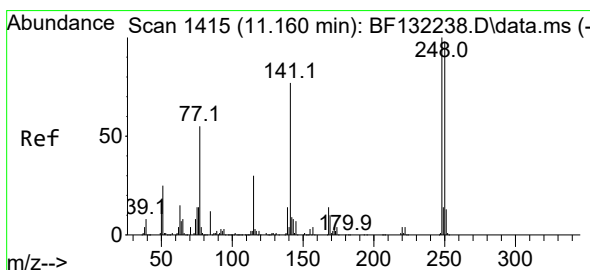
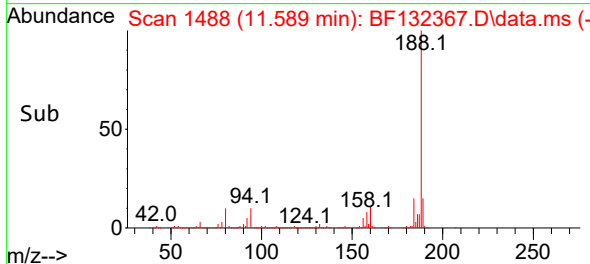
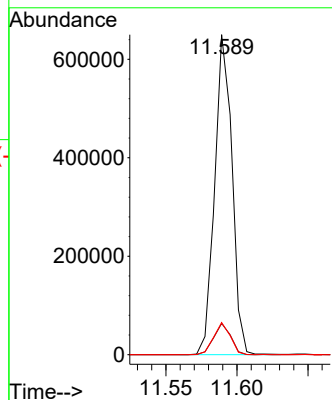
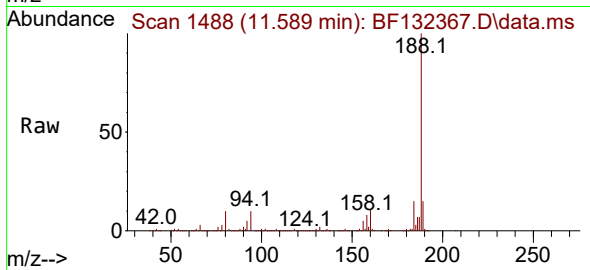
Tgt Ion:188 Resp: 550702

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 10.1 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.073 ng

RT: 10.889 min Scan# 1369

Delta R.T. -0.241 min

Lab File: BF132367.D

Acq: 08 Feb 2023 20:45

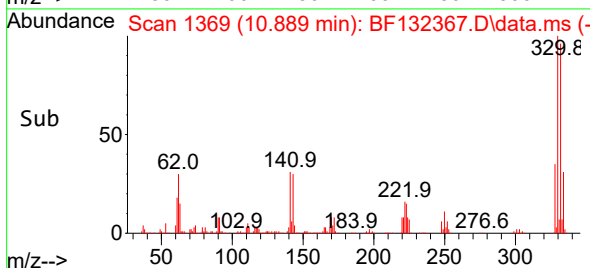
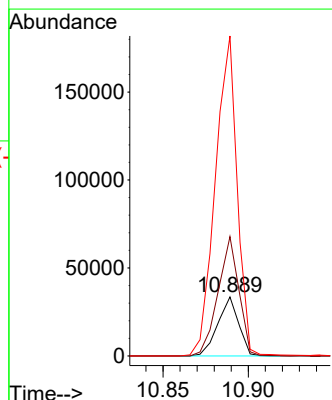
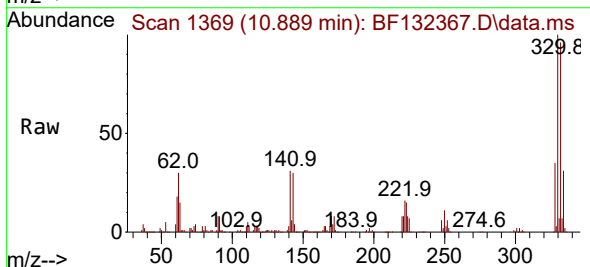
Tgt Ion:248 Resp: 28605

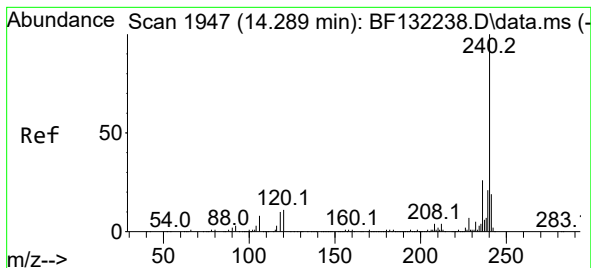
Ion Ratio Lower Upper

248 100

250 202.2 78.6 117.8#

141 542.4 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.248 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BF132367.D

Acq: 08 Feb 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-6

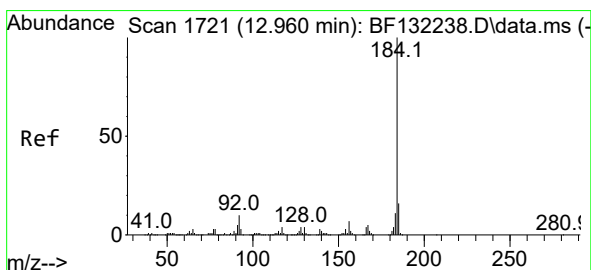
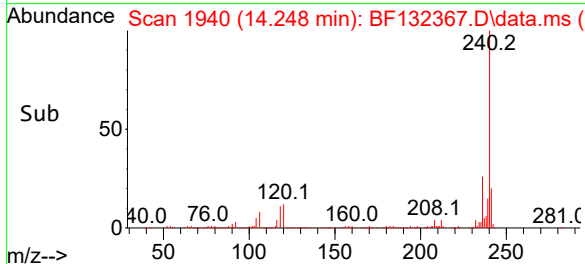
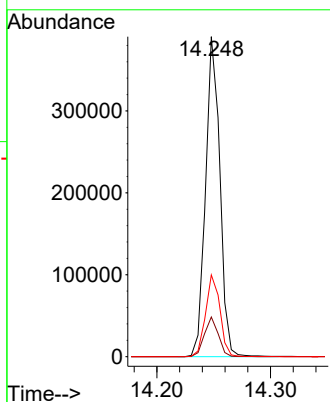
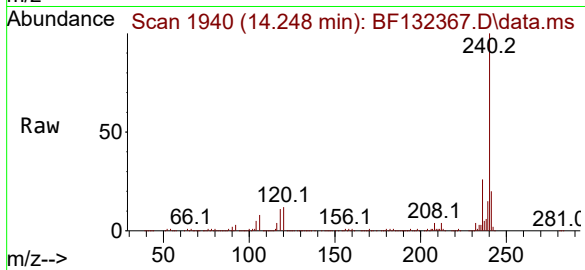
Tgt Ion:240 Resp: 341753

Ion Ratio Lower Upper

240 100

120 12.4 8.8 13.2

236 25.5 21.0 31.6



#77

Benzdine

Concen: 2.259 ng

RT: 13.183 min Scan# 1759

Delta R.T. 0.253 min

Lab File: BF132367.D

Acq: 08 Feb 2023 20:45

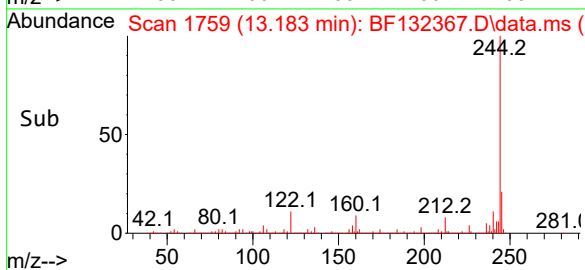
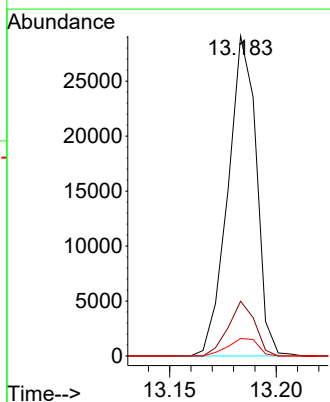
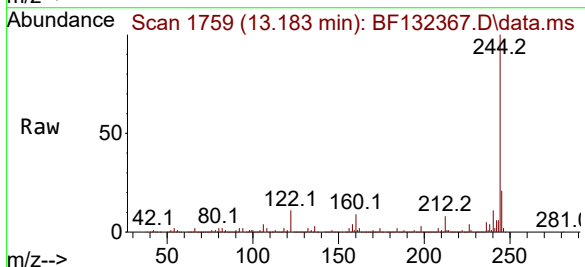
Tgt Ion:184 Resp: 26987

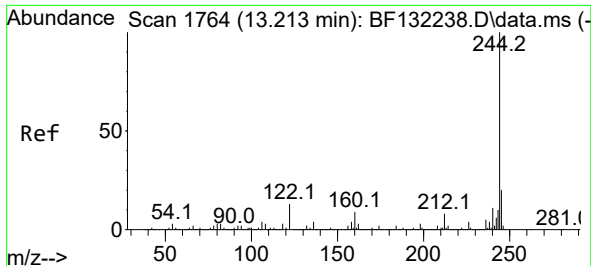
Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

183 5.5 8.9 13.3#

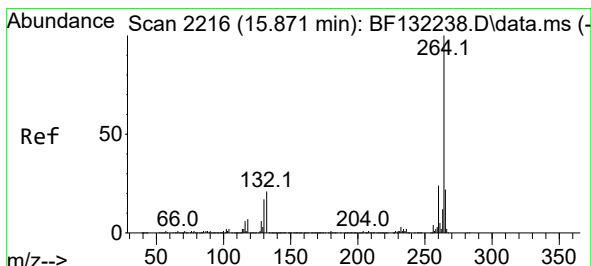
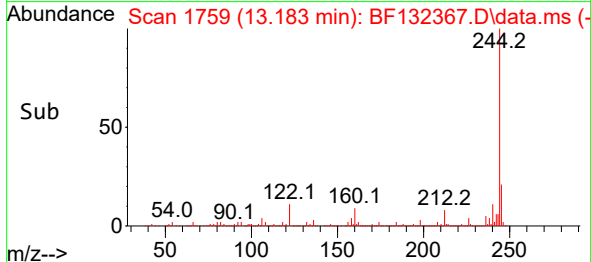
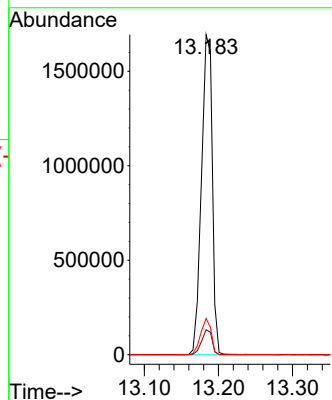
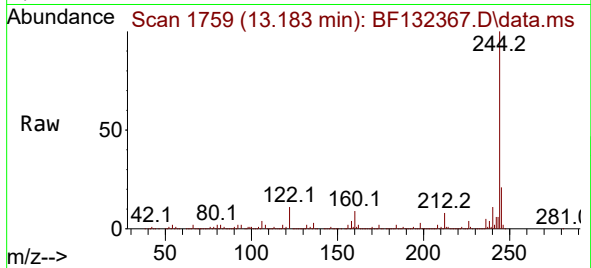




#79
 Terphenyl-d14
 Concen: 97.114 ng
 RT: 13.183 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132367.D
 Acq: 08 Feb 2023 20:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Tgt Ion:244 Resp: 1715710
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 11.3 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.818 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF132367.D
 Acq: 08 Feb 2023 20:45

Tgt Ion:264 Resp: 273024
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.1 17.4 26.2

