

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132365.D
 Acq On : 08 Feb 2023 19:39
 Operator : CG\JU
 Sample : 01462-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Feb 09 02:02:06 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)

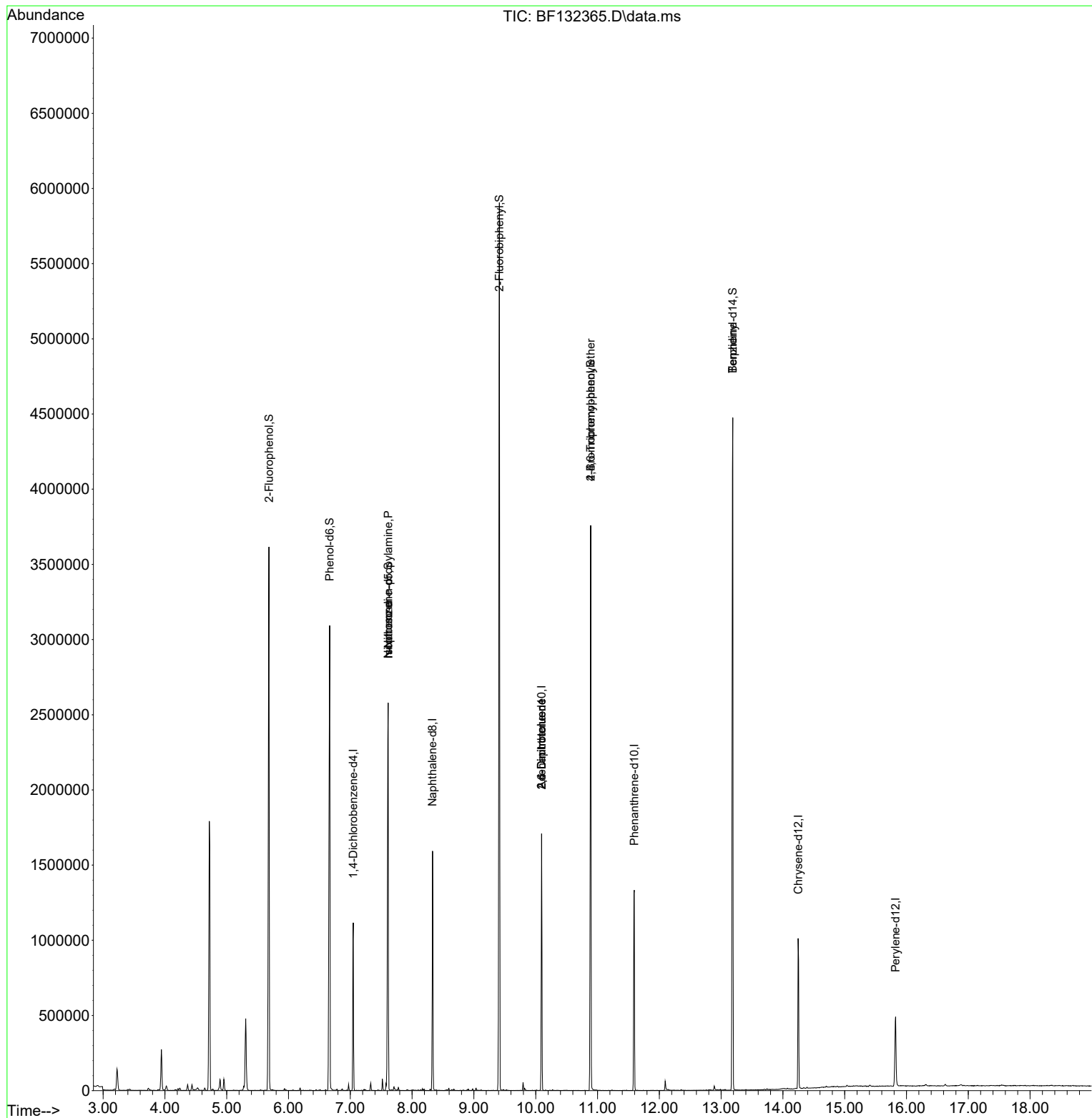
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	179026	20.000	ng	0.00
21) Naphthalene-d8	8.330	136	682569	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	316899	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	521147	20.000	ng	0.00
76) Chrysene-d12	14.248	240	321541	20.000	ng	0.00
86) Perylene-d12	15.824	264	207330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1283598	115.249	ng	0.02
7) Phenol-d6	6.666	99	1395416	101.624	ng	0.00
23) Nitrobenzene-d5	7.613	82	997157	81.294	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	482115	147.939	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1828049	89.081	ng	0.00
79) Terphenyl-d14	13.189	244	1609221	96.812	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.595	77	252	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.613	70	124054	15.905	ng	# 77
25) Isophorone	7.613	82	997137	42.831	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	41429	8.368	ng	# 25
57) 2,4-Dinitrotoluene	10.095	165	41429	6.442	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	27285	5.113	ng	# 1
77) Benzydine	13.189	184	24196	2.152	ng	# 95

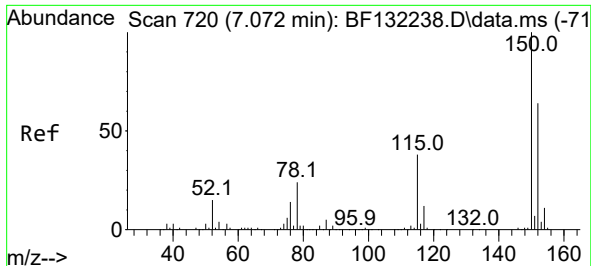
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 09 02:02:06 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

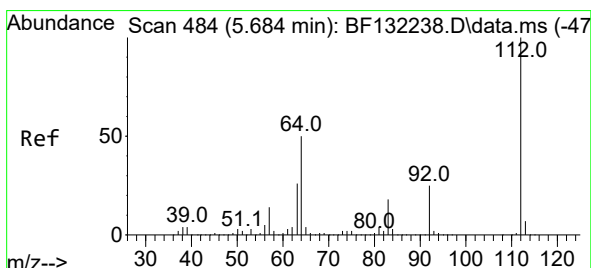
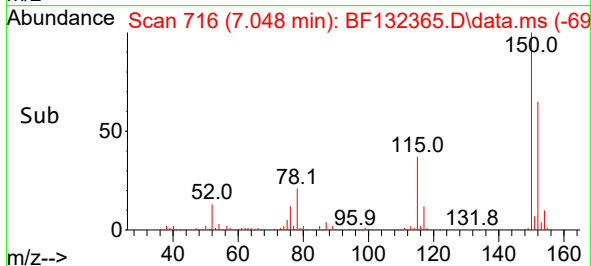
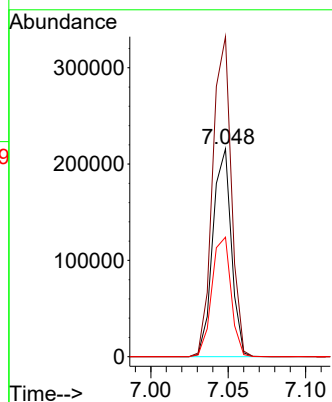
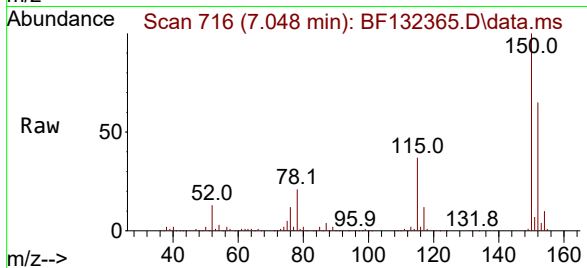




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

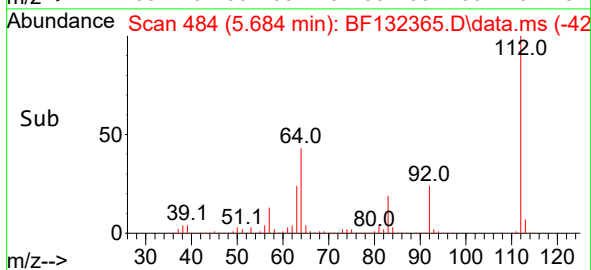
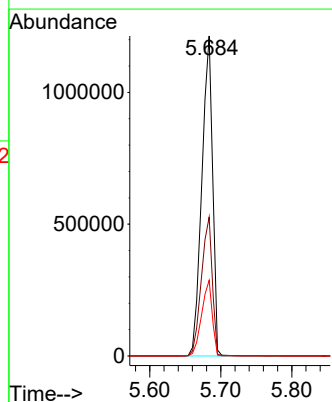
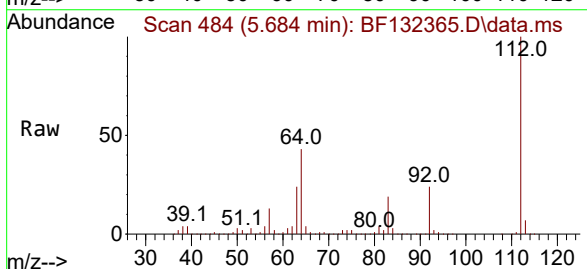
Instrument :
BNA_F
ClientSampleId :
COMP-4

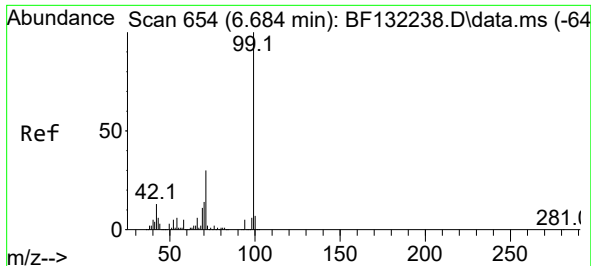
Tgt Ion:152 Resp: 179026
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.2
115 57.5 47.3 70.9



#5
2-Fluorophenol
Concen: 115.249 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.023 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

Tgt Ion:112 Resp: 1283598
Ion Ratio Lower Upper
112 100
64 43.4 40.0 60.0
63 23.7 20.5 30.7

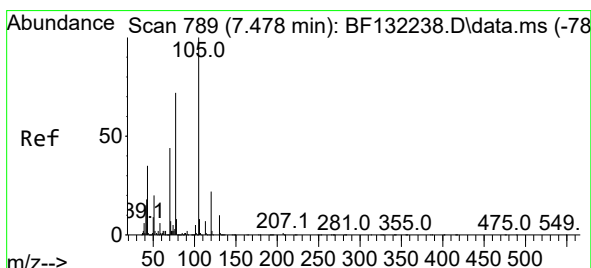
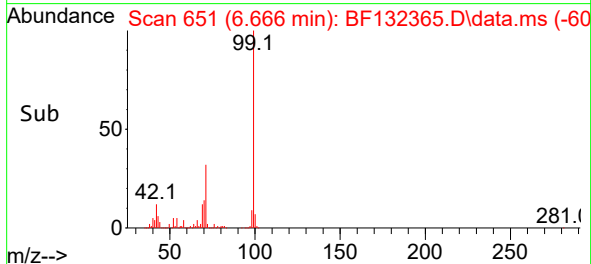
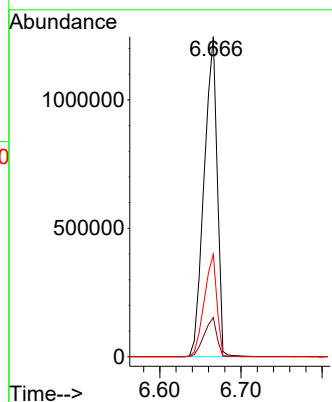
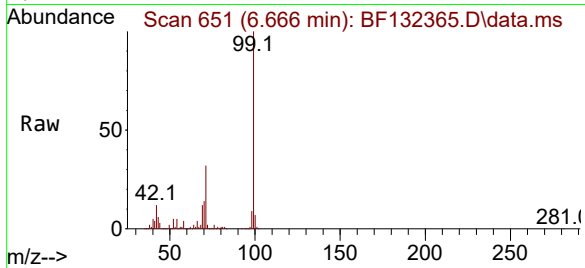




#7
Phenol-d6
Concen: 101.624 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

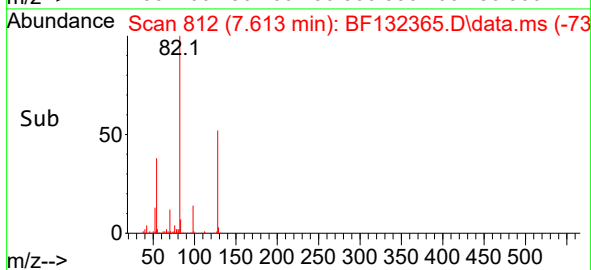
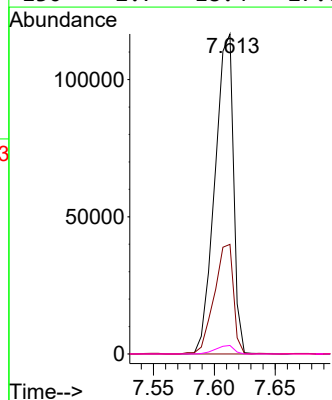
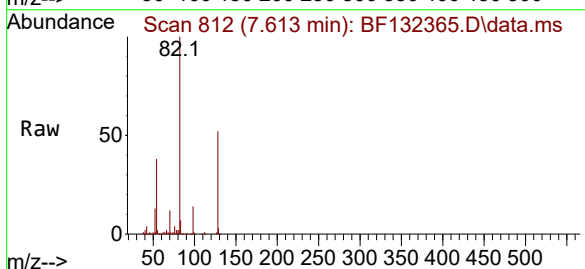
Instrument :
BNA_F
ClientSampleId :
COMP-4

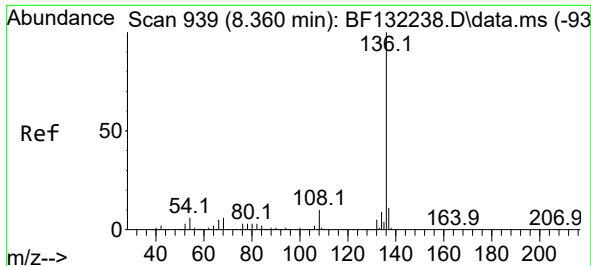
Tgt Ion: 99 Resp: 1395416
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 32.0 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.905 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

Tgt Ion: 70 Resp: 124054
Ion Ratio Lower Upper
70 100
42 34.3 33.4 50.0
101 0.0 8.2 12.4#
130 2.7 18.4 27.6#

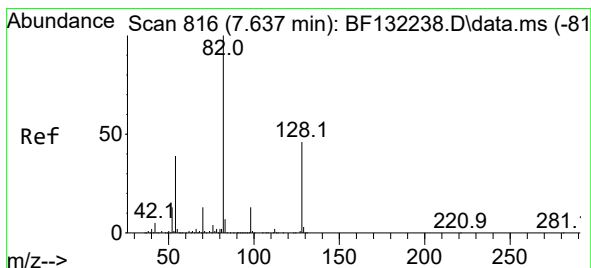
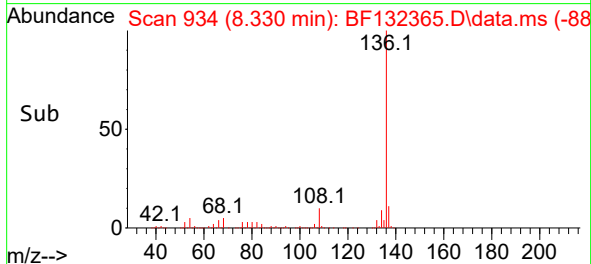
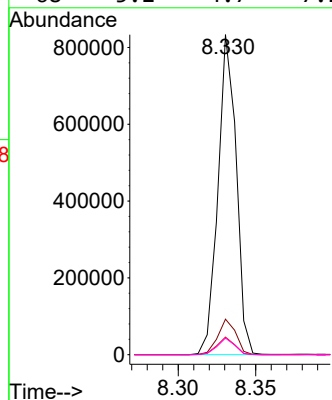
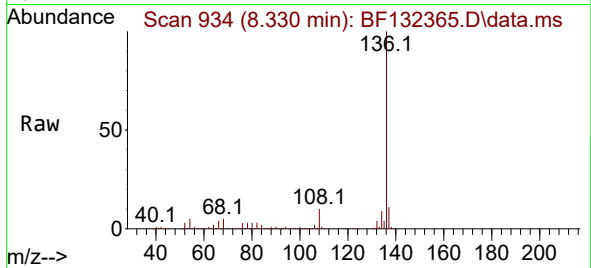




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.330 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

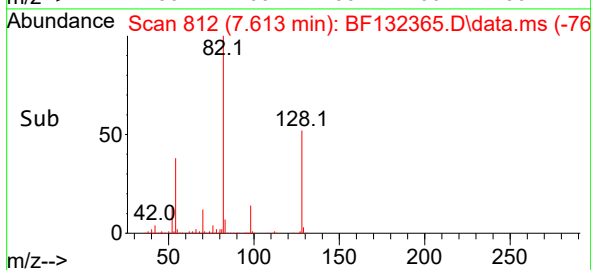
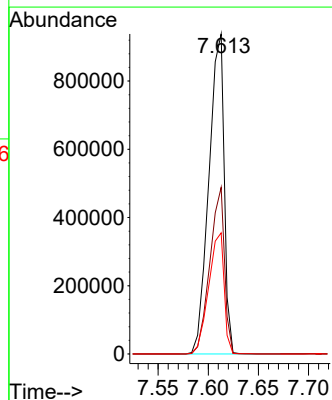
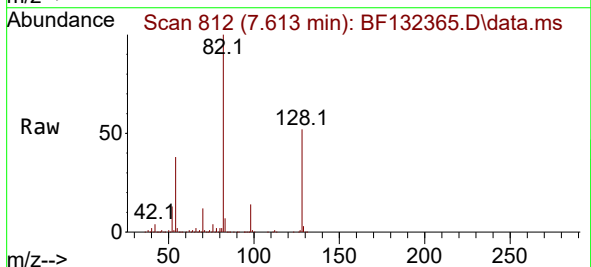
Instrument :
BNA_F
ClientSampleId :
COMP-4

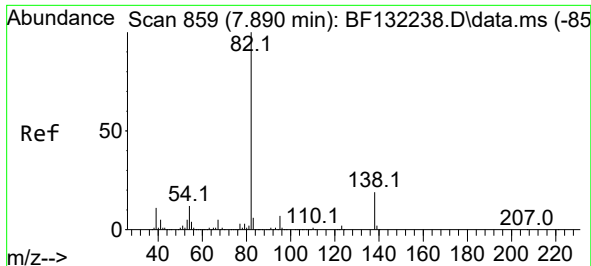
Tgt Ion:136 Resp: 682569
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.5 4.9 7.3
68 5.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 81.294 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

Tgt Ion: 82 Resp: 997157
Ion Ratio Lower Upper
82 100
128 52.0 37.0 55.4
54 37.8 31.5 47.3

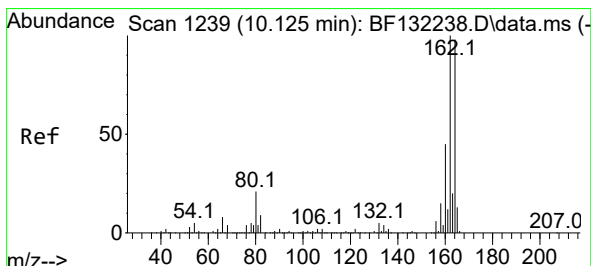
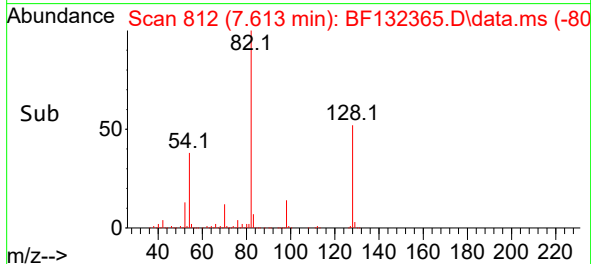
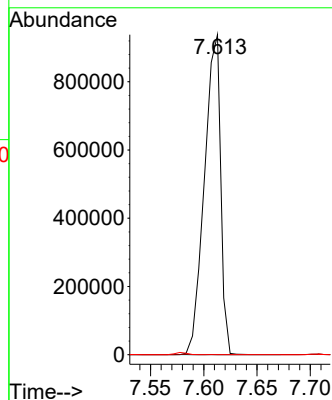
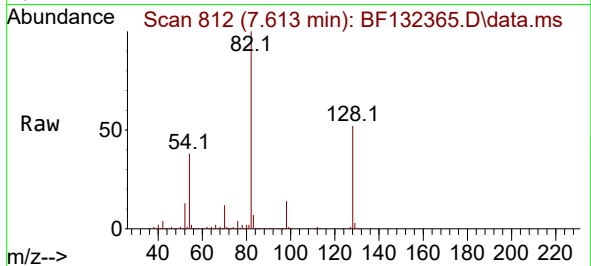




#25
Isophorone
Concen: 42.831 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

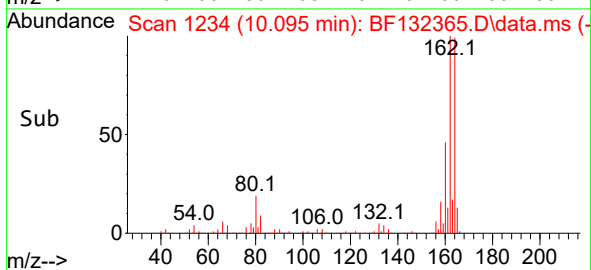
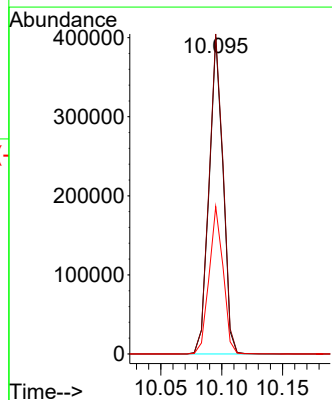
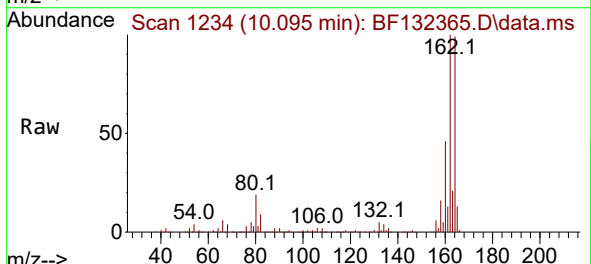
Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion: 82 Resp: 997137
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: BF132365.D
Acq: 08 Feb 2023 19:39

Tgt Ion:164 Resp: 316899
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 46.5 37.1 55.7

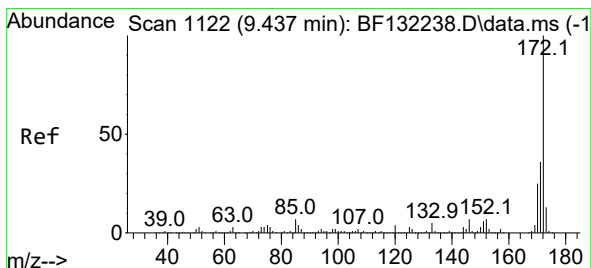
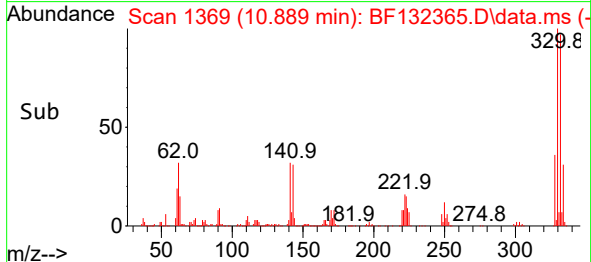
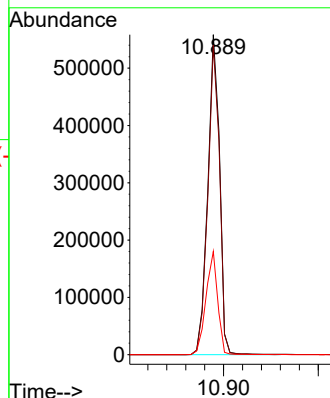
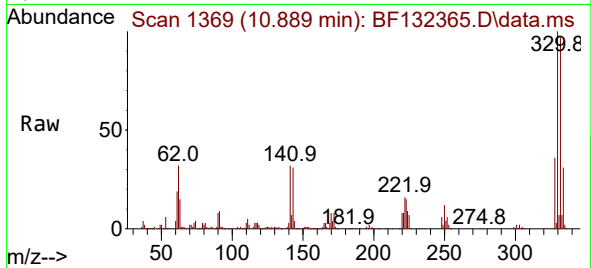




#42
2,4,6-Tribromophenol
Concen: 147.939 ng
RT: 10.889 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

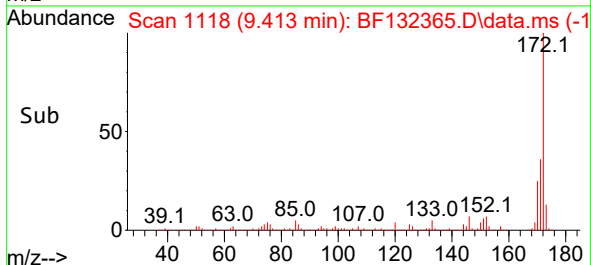
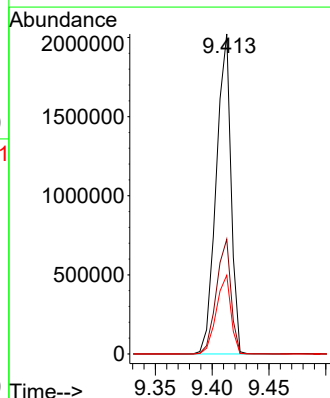
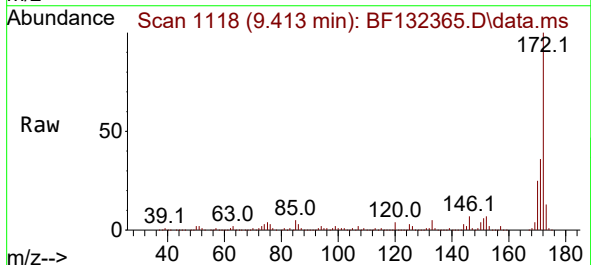
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COMP-4

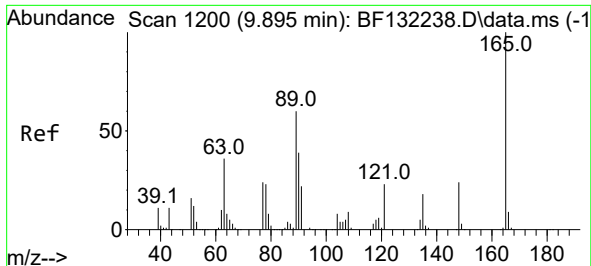
Tgt Ion:330 Resp: 482115
Ion Ratio Lower Upper
330 100
332 96.1 77.9 116.9
141 32.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 89.081 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

Tgt Ion:172 Resp: 1828049
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.6 19.7 29.5

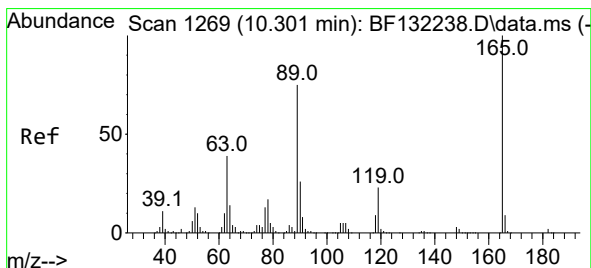
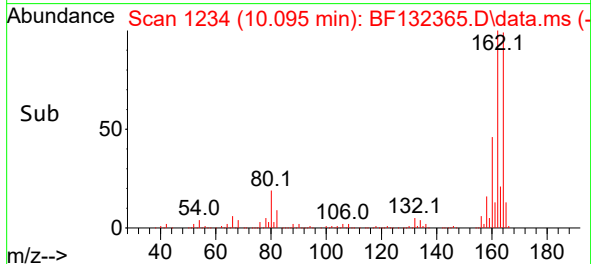
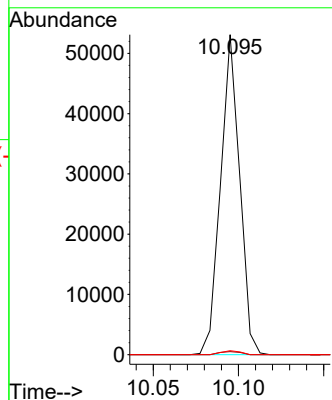
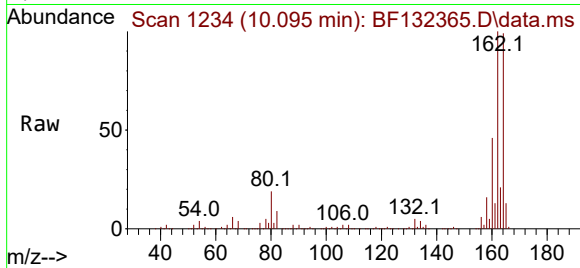




#51
2,6-Dinitrotoluene
Concen: 8.368 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

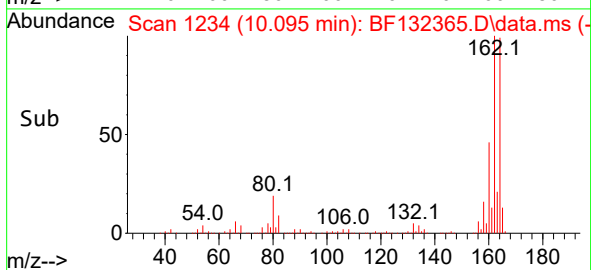
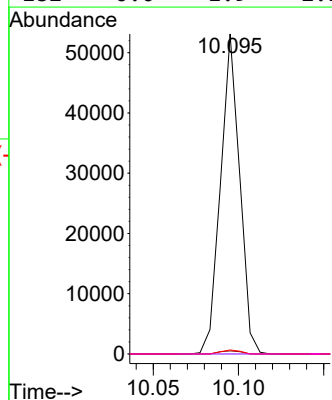
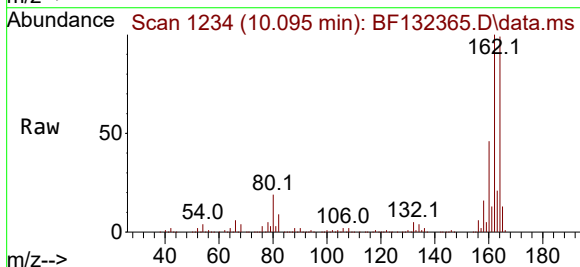
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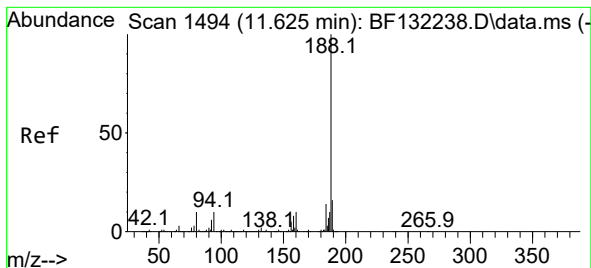
Tgt Ion:165 Resp: 41429
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.442 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132365.D
Acq: 08 Feb 2023 19:39

Tgt Ion:165 Resp: 41429
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.595 min Scan# 1494

Delta R.T. -0.000 min

Lab File: BF132365.D

Acq: 08 Feb 2023 19:39

Instrument :

BNA_F

ClientSampleId :

COMP-4

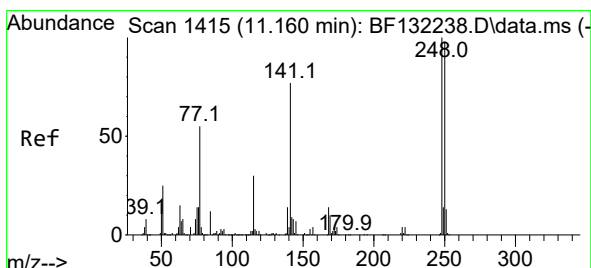
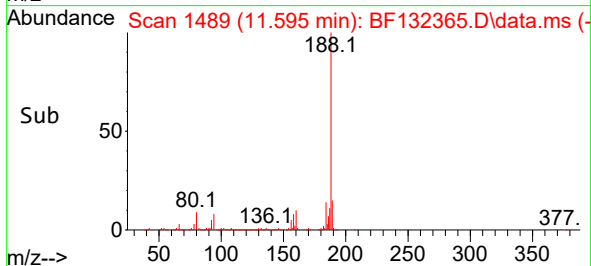
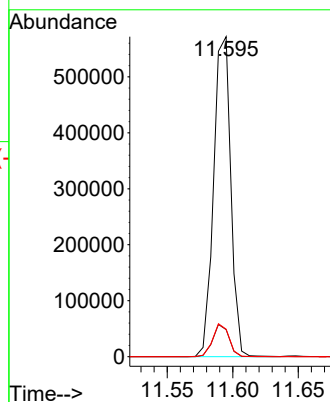
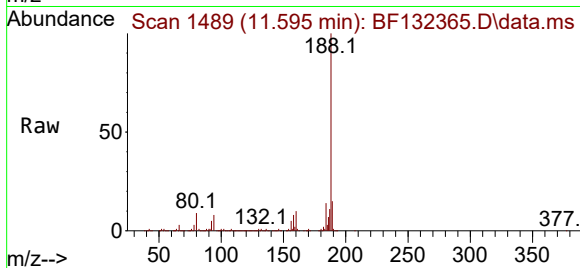
Tgt Ion:188 Resp: 521147

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 8.6 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.113 ng

RT: 10.889 min Scan# 1369

Delta R.T. -0.241 min

Lab File: BF132365.D

Acq: 08 Feb 2023 19:39

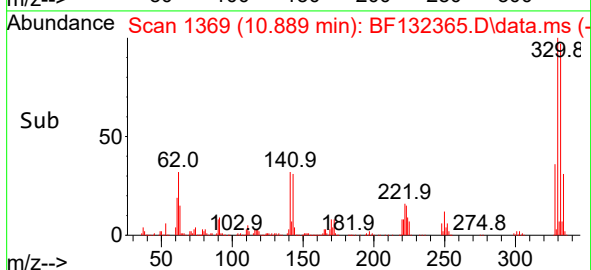
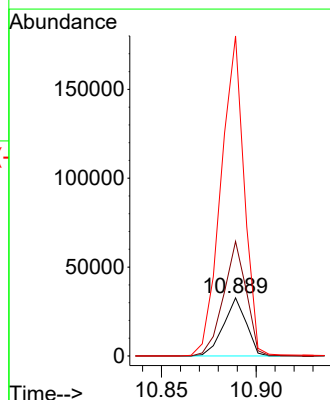
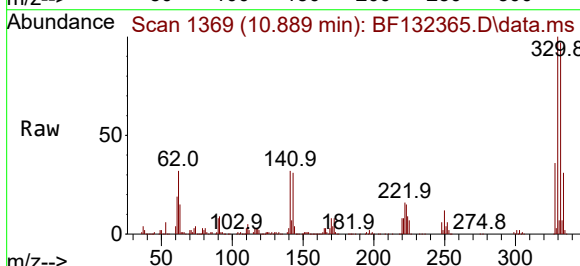
Tgt Ion:248 Resp: 27285

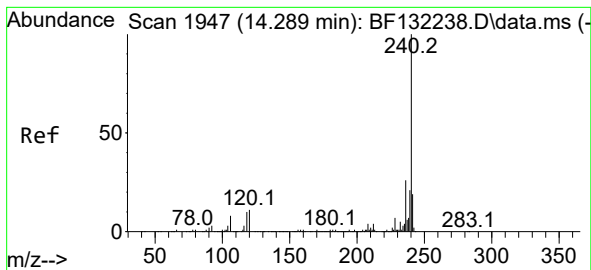
Ion Ratio Lower Upper

248 100

250 197.5 78.6 117.8#

141 551.6 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: BF132365.D

Acq: 08 Feb 2023 19:39

Instrument :

BNA_F

ClientSampleId :

COMP-4

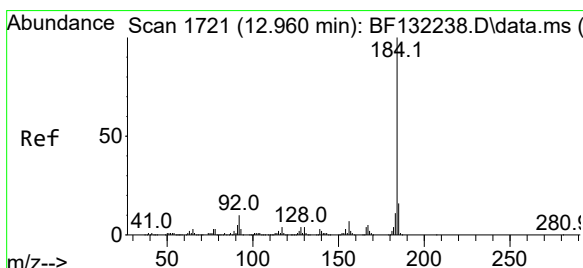
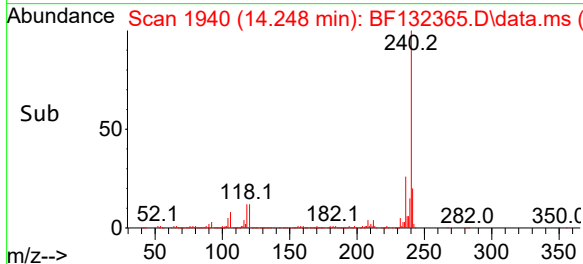
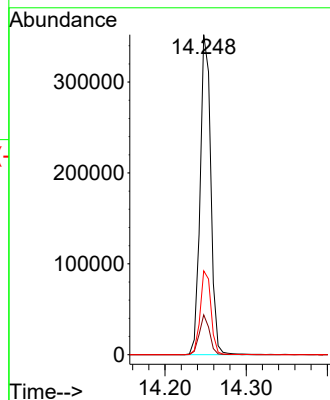
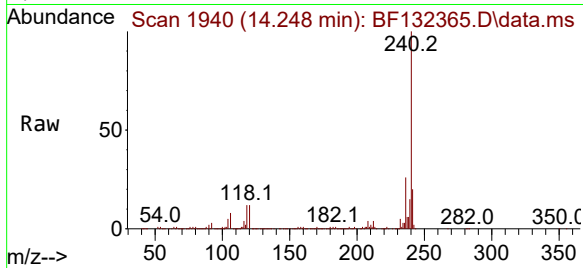
Tgt Ion:240 Resp: 321541

Ion Ratio Lower Upper

240 100

120 12.4 8.8 13.2

236 26.2 21.0 31.6



#77

Benidine

Concen: 2.152 ng

RT: 13.189 min Scan# 1760

Delta R.T. 0.259 min

Lab File: BF132365.D

Acq: 08 Feb 2023 19:39

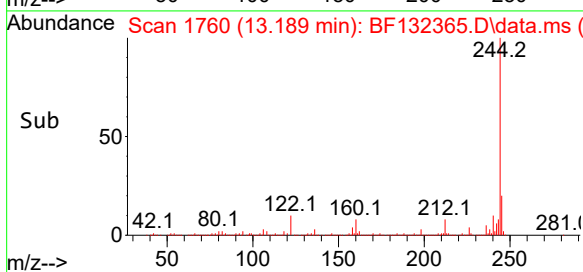
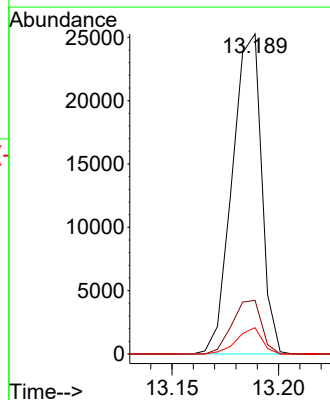
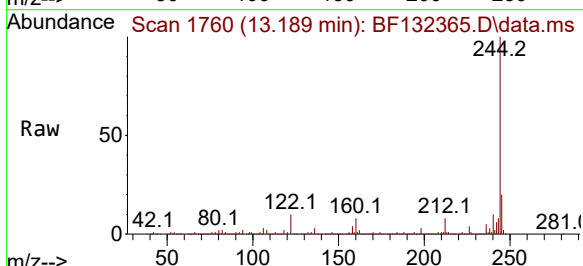
Tgt Ion:184 Resp: 24196

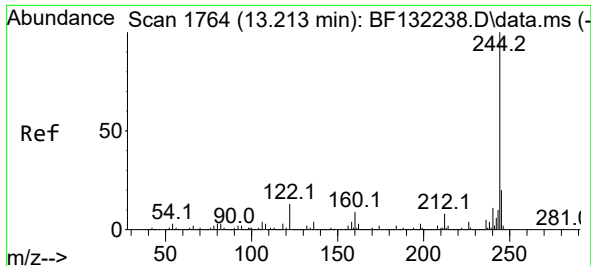
Ion Ratio Lower Upper

184 100

185 16.8 12.6 18.8

183 8.2 8.9 13.3#

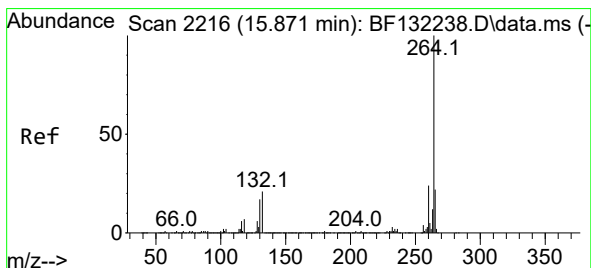
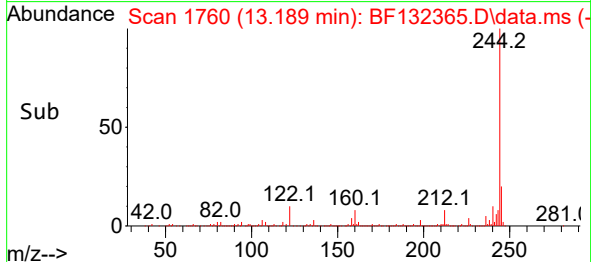
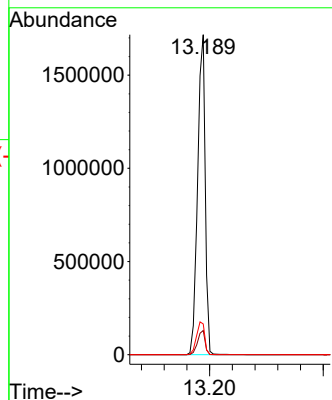
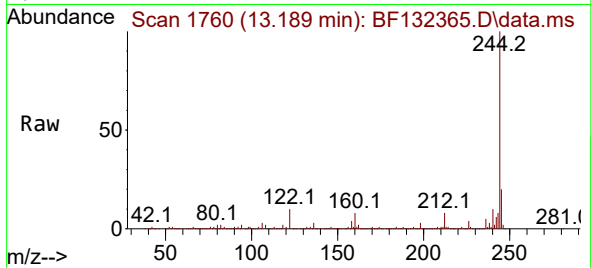




#79
 Terphenyl-d14
 Concen: 96.812 ng
 RT: 13.189 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132365.D
 Acq: 08 Feb 2023 19:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Tgt Ion:244 Resp: 1609221
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 9.6 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.824 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: BF132365.D
 Acq: 08 Feb 2023 19:39

Tgt Ion:264 Resp: 207330
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 20.8 17.4 26.2

