

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132368.D
 Acq On : 08 Feb 2023 21:18
 Operator : CG\JU
 Sample : 01463-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Quant Time: Feb 09 02:02:44 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)

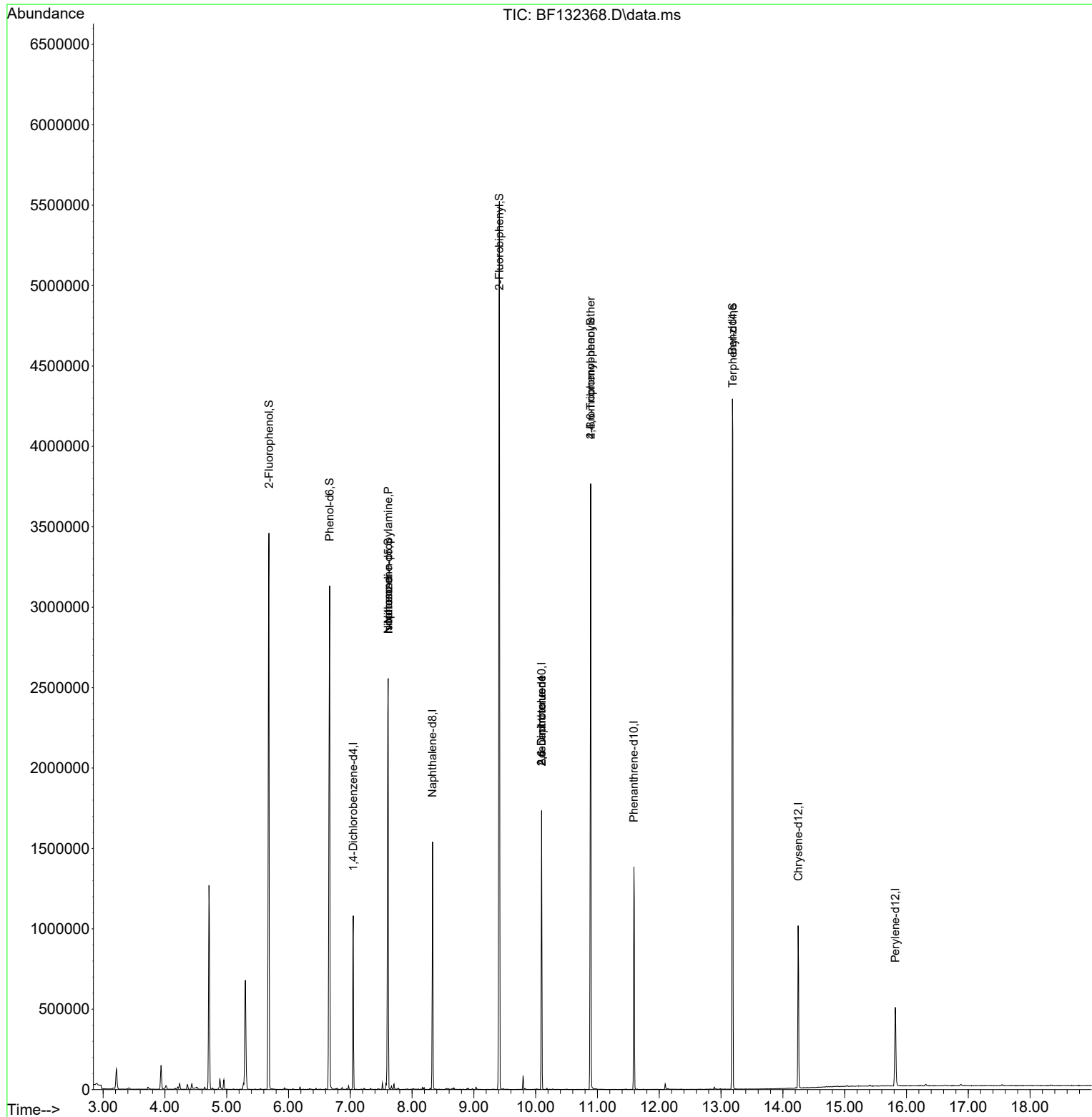
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	168418	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	647442	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	318012	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	503174	20.000	ng	0.00
76) Chrysene-d12	14.248	240	315063	20.000	ng	0.00
86) Perylene-d12	15.818	264	228785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1269568	121.169	ng	0.02
7) Phenol-d6	6.666	99	1408481	109.037	ng	0.00
23) Nitrobenzene-d5	7.613	82	983092	84.496	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	482296	147.477	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1805396	87.669	ng	0.00
79) Terphenyl-d14	13.189	244	1617616	99.318	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.613	70	122072	16.637	ng	# 76
25) Isophorone	7.613	82	983079	44.518	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	40672	8.187	ng	# 24
57) 2,4-Dinitrotoluene	10.095	165	40672	6.302	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	26694	5.181	ng	# 1
77) Benzidine	13.183	184	25829	2.345	ng	# 93

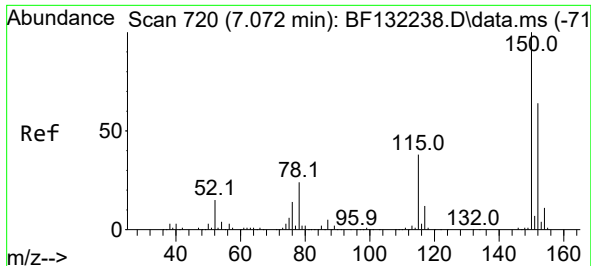
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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Quant Time: Feb 09 02:02:44 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

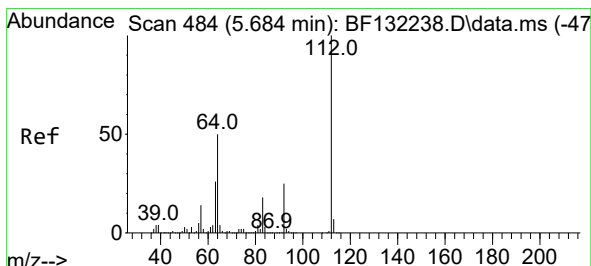
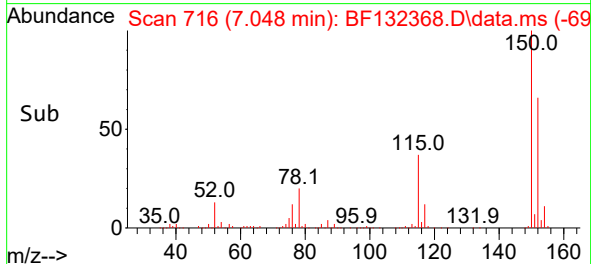
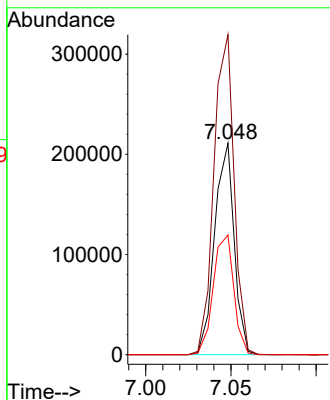
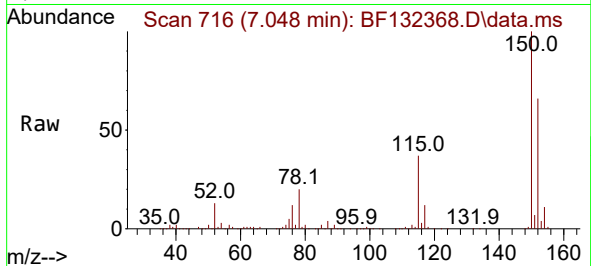




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

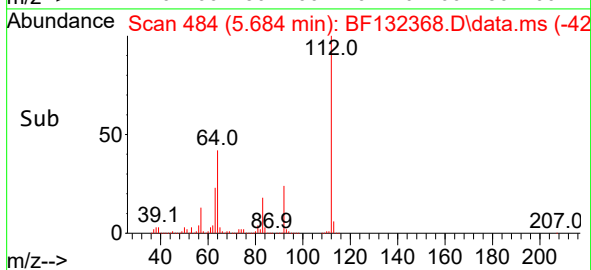
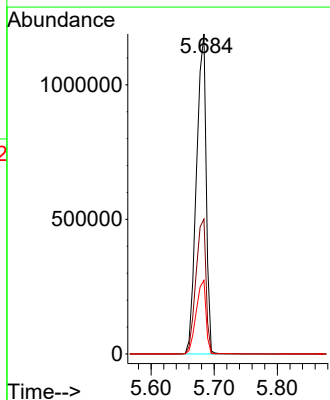
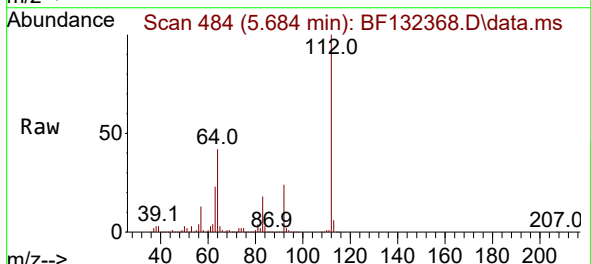
Instrument :
BNA_F
ClientSampleId :
COMP-7

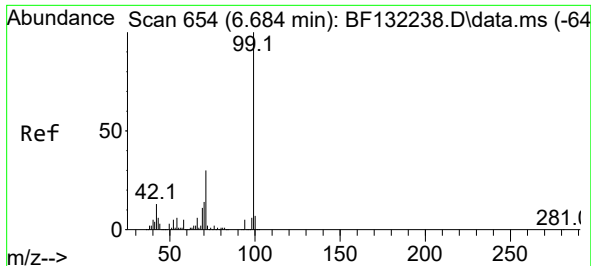
Tgt Ion:152 Resp: 168418
Ion Ratio Lower Upper
152 100
150 151.4 124.2 186.2
115 56.6 47.3 70.9



#5
2-Fluorophenol
Concen: 121.169 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.023 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

Tgt Ion:112 Resp: 1269568
Ion Ratio Lower Upper
112 100
64 42.2 40.0 60.0
63 23.0 20.5 30.7

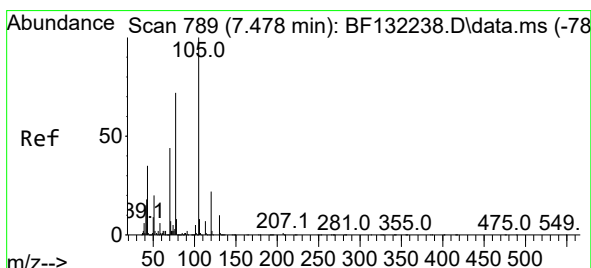
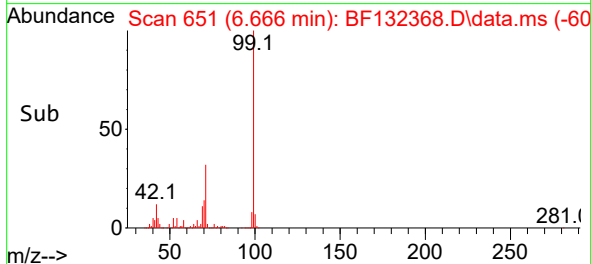
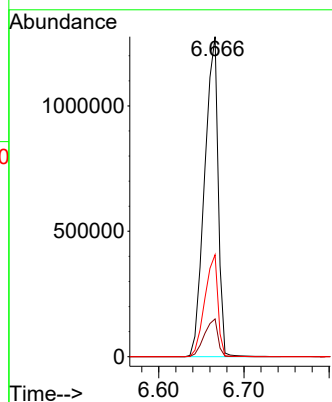
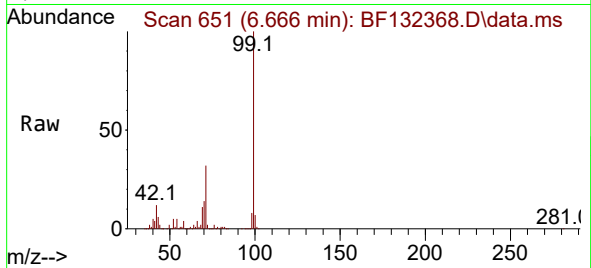




#7
Phenol-d6
Concen: 109.037 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

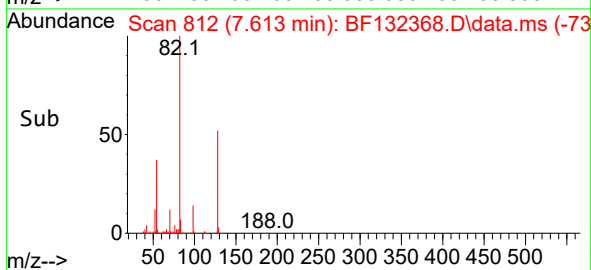
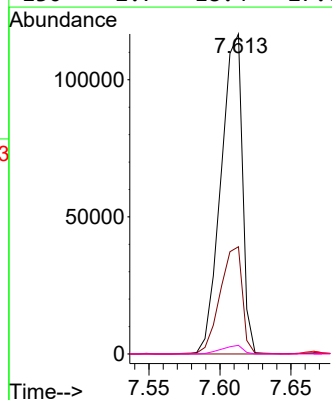
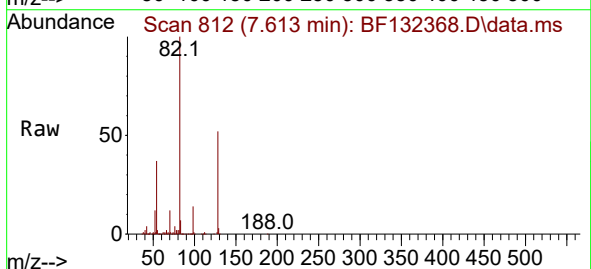
Instrument :
BNA_F
ClientSampleId :
COMP-7

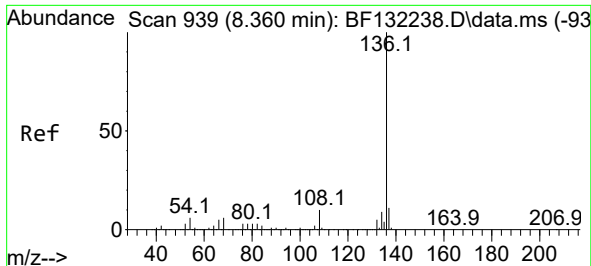
Tgt Ion: 99 Resp: 1408481
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 31.9 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.637 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

Tgt Ion: 70 Resp: 122072
Ion Ratio Lower Upper
70 100
42 33.5 33.4 50.0
101 0.0 8.2 12.4#
130 2.7 18.4 27.6#

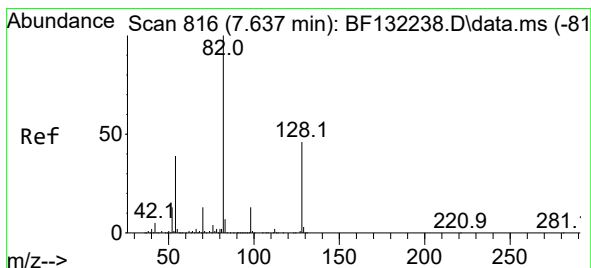
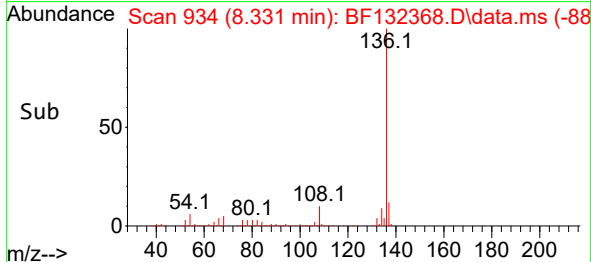
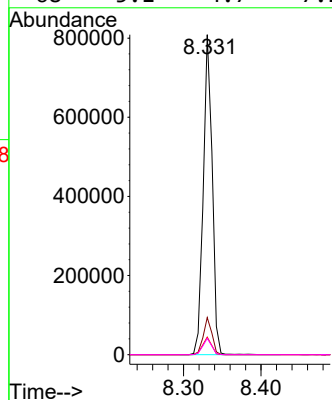
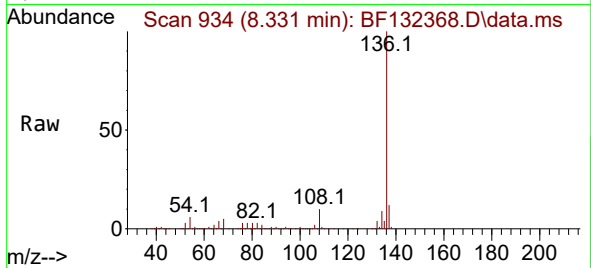




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

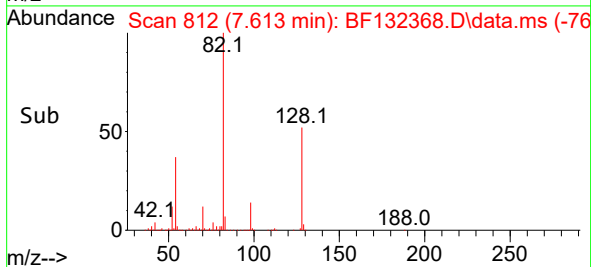
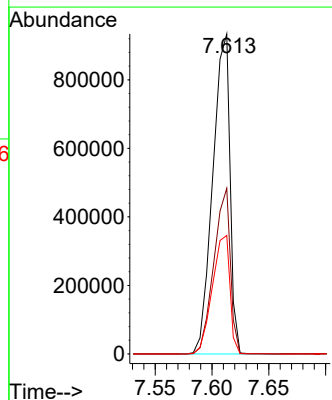
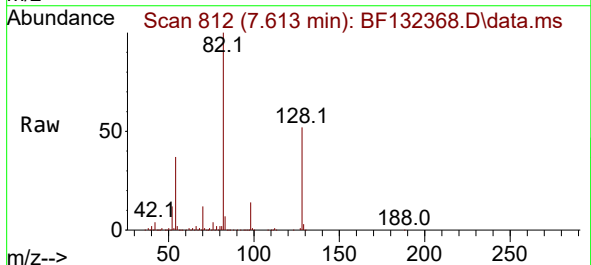
Instrument :
BNA_F
ClientSampleId :
COMP-7

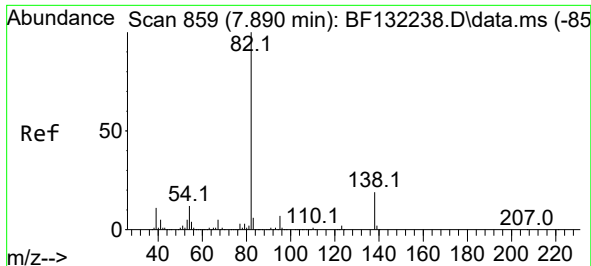
Tgt Ion:136 Resp: 647442
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.5 4.9 7.3
68 5.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.496 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

Tgt Ion: 82 Resp: 983092
Ion Ratio Lower Upper
82 100
128 51.8 37.0 55.4
54 37.1 31.5 47.3

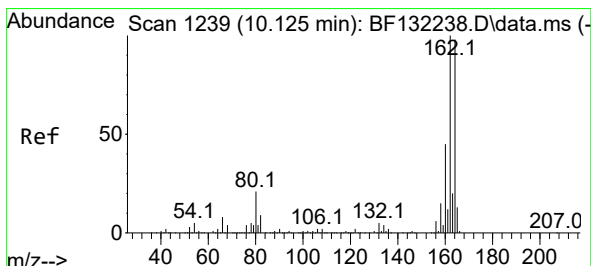
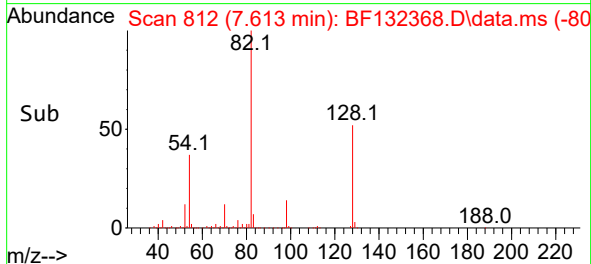
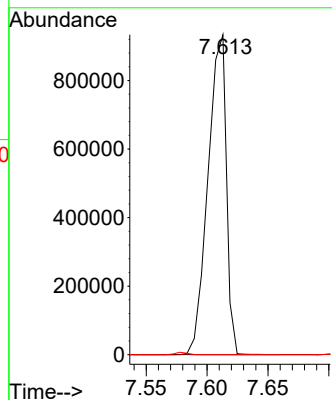
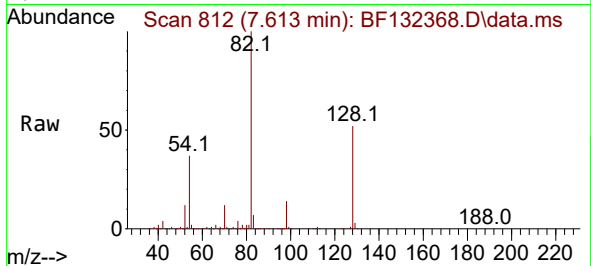




#25
Isophorone
Concen: 44.518 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

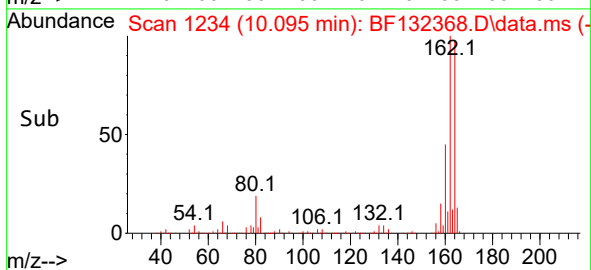
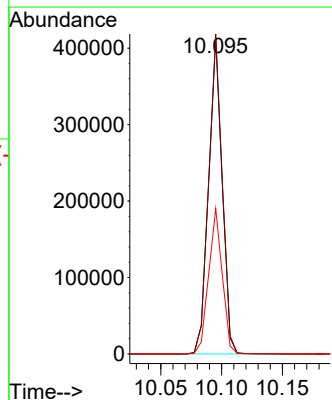
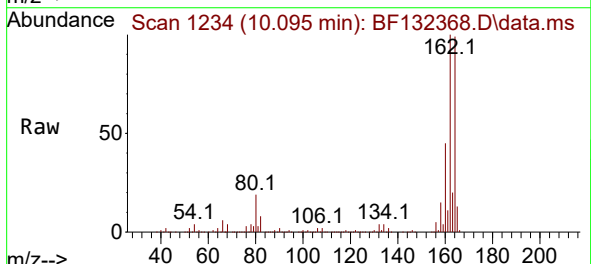
Instrument :
BNA_F
ClientSampleId :
COMP-7

Tgt Ion: 82 Resp: 983079
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: BF132368.D
Acq: 08 Feb 2023 21:18

Tgt Ion:164 Resp: 318012
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 46.0 37.1 55.7

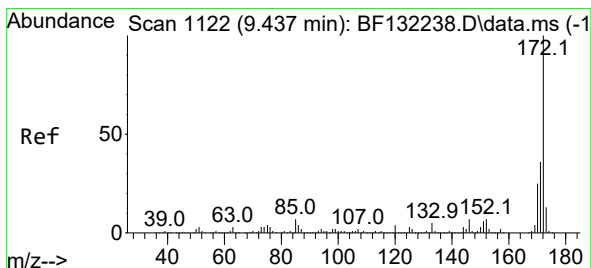
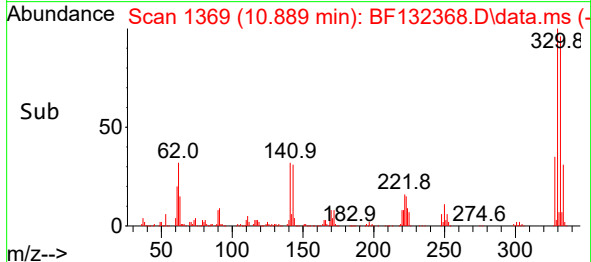
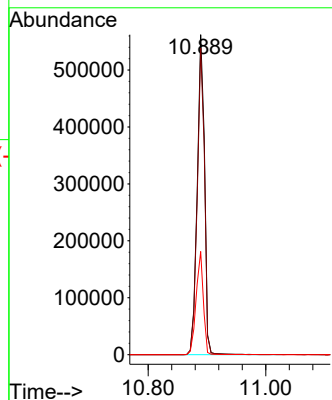
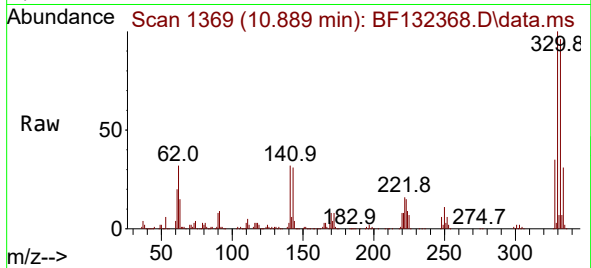




#42
2,4,6-Tribromophenol
Concen: 147.477 ng
RT: 10.889 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

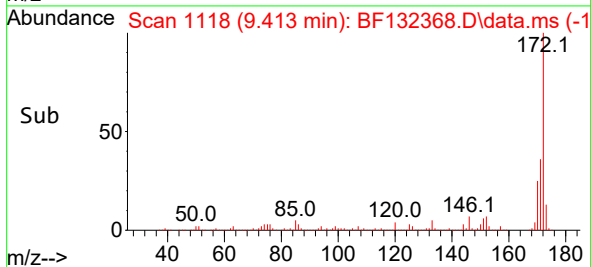
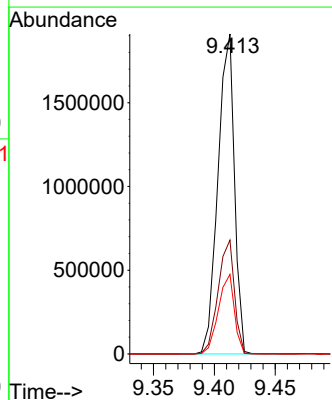
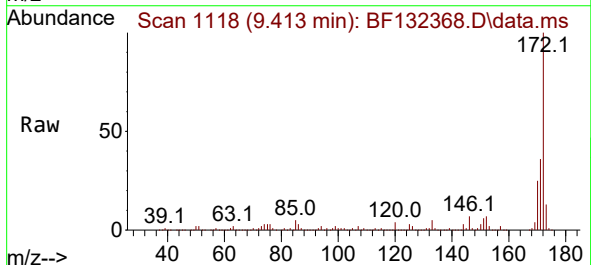
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COMP-7

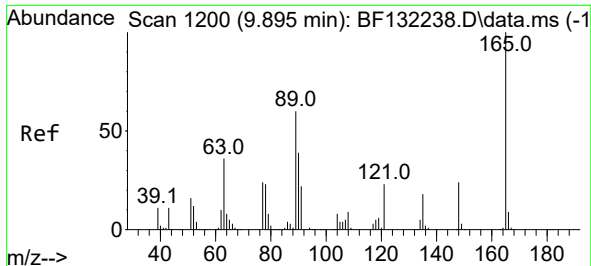
Tgt Ion:330 Resp: 482296
Ion Ratio Lower Upper
330 100
332 95.3 77.9 116.9
141 31.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 87.669 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

Tgt Ion:172 Resp: 1805396
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.8 19.7 29.5

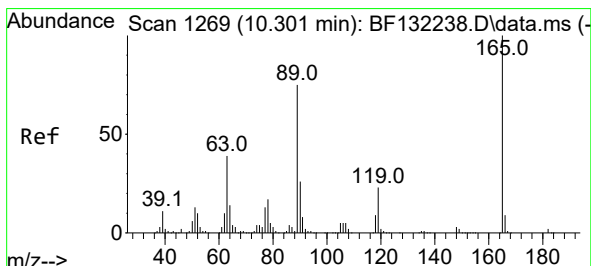
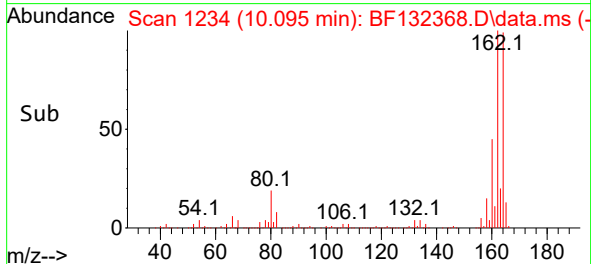
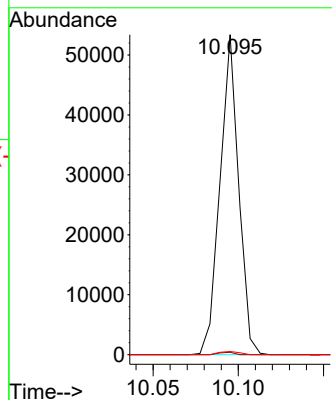
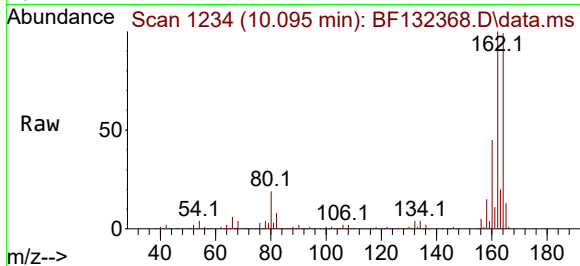




#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

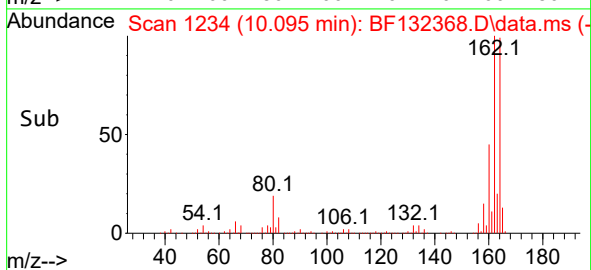
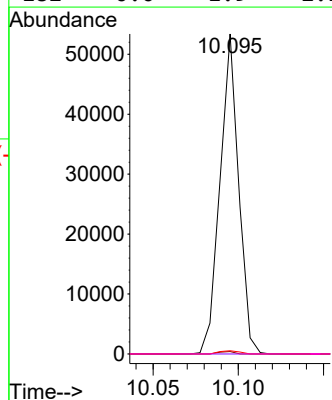
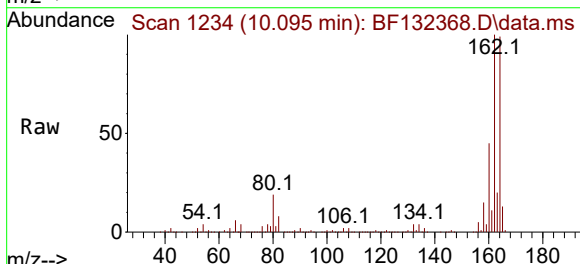
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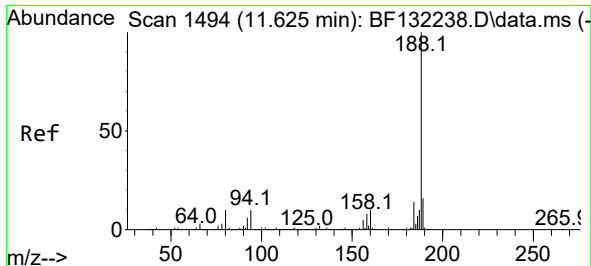
Tgt Ion:165 Resp: 40672
Ion Ratio Lower Upper
165 100
63 0.7 41.5 62.3#
89 1.0 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.302 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

Tgt Ion:165 Resp: 40672
Ion Ratio Lower Upper
165 100
63 0.7 30.9 46.3#
89 1.0 60.1 90.1#
182 0.0 1.9 2.9#

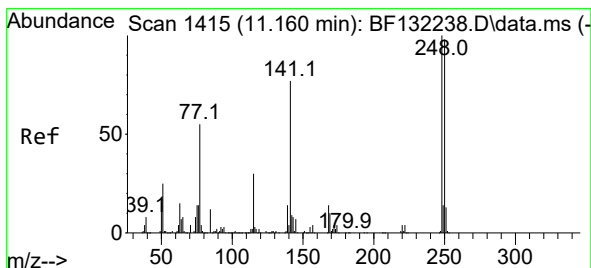
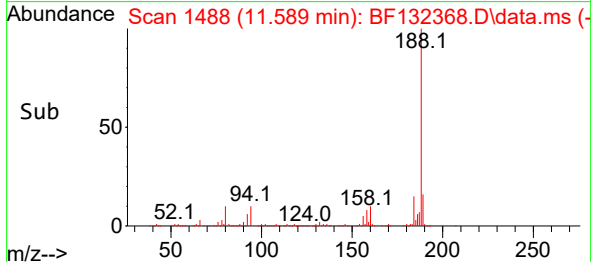
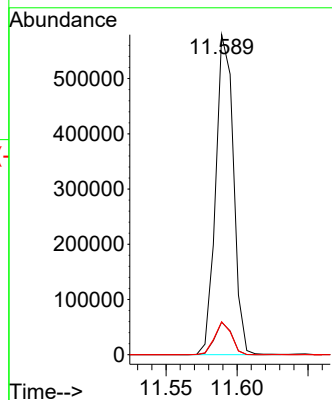
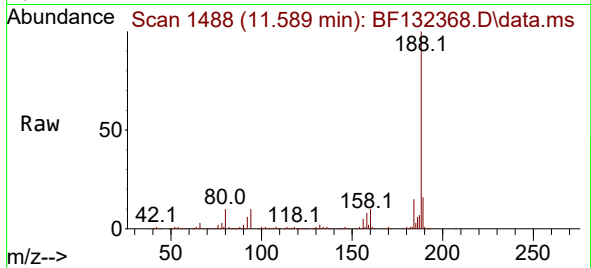




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

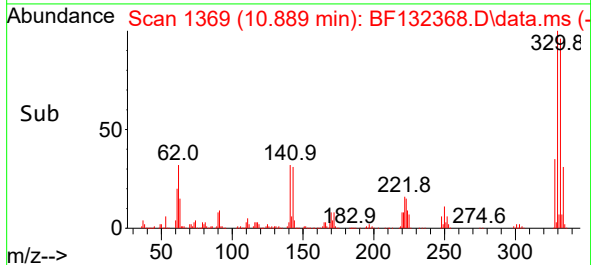
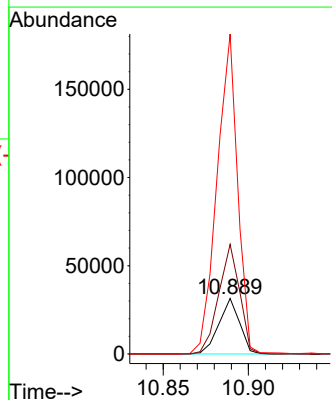
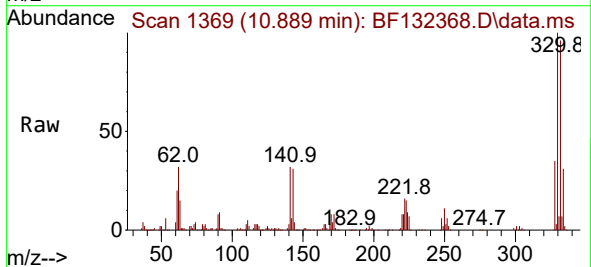
Instrument :
BNA_F
ClientSampleId :
COMP-7

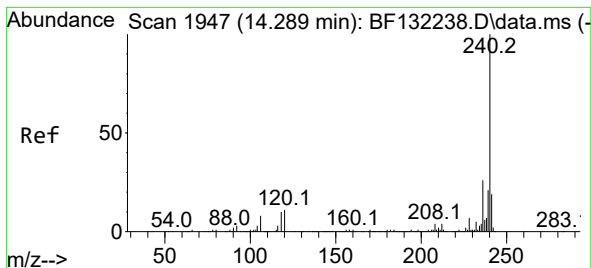
Tgt Ion:188 Resp: 503174
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.3 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 5.181 ng
RT: 10.889 min Scan# 1369
Delta R.T. -0.241 min
Lab File: BF132368.D
Acq: 08 Feb 2023 21:18

Tgt Ion:248 Resp: 26694
Ion Ratio Lower Upper
248 100
250 197.6 78.6 117.8#
141 576.9 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: BF132368.D

Acq: 08 Feb 2023 21:18

Instrument :

BNA_F

ClientSampleId :

COMP-7

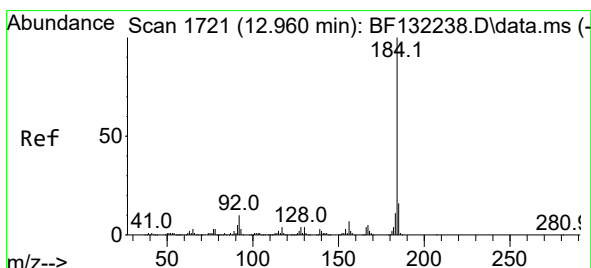
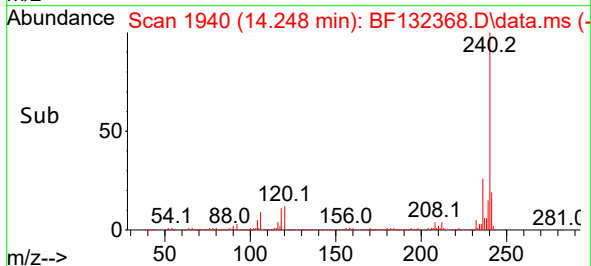
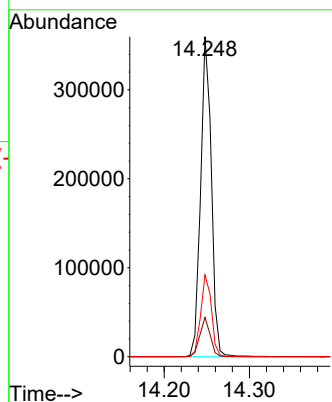
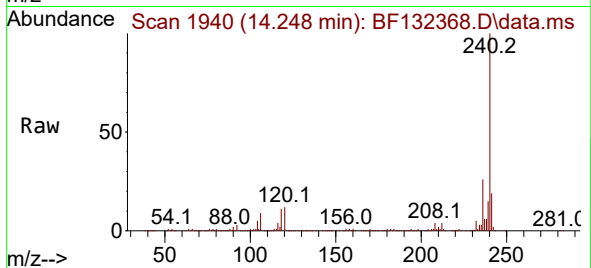
Tgt Ion:240 Resp: 315063

Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

236 25.5 21.0 31.6



#77

Benidine

Concen: 2.345 ng

RT: 13.183 min Scan# 1759

Delta R.T. 0.253 min

Lab File: BF132368.D

Acq: 08 Feb 2023 21:18

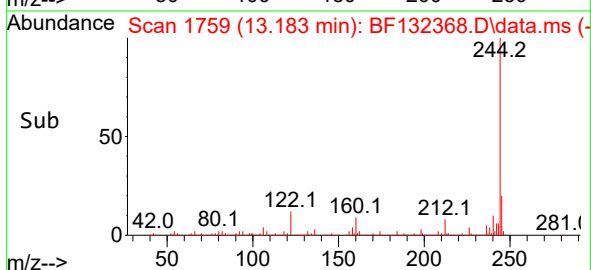
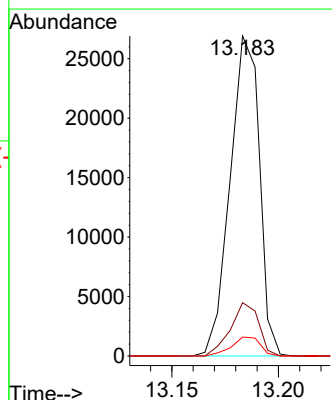
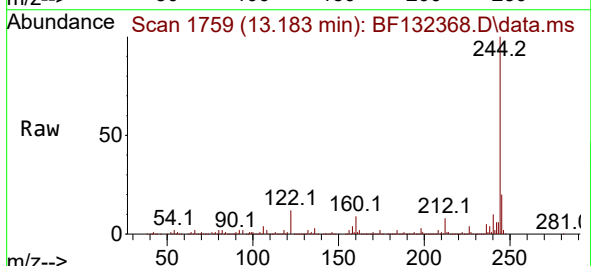
Tgt Ion:184 Resp: 25829

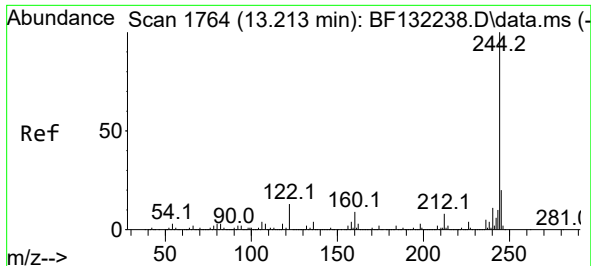
Ion Ratio Lower Upper

184 100

185 16.6 12.6 18.8

183 5.9 8.9 13.3#

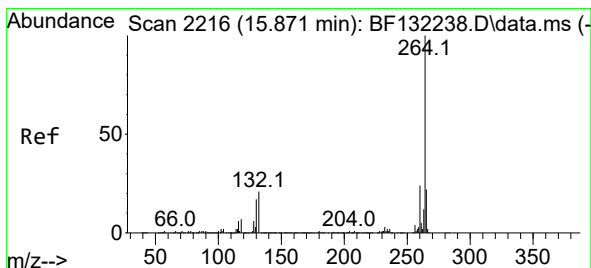
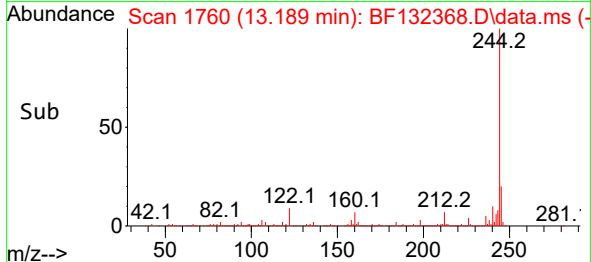
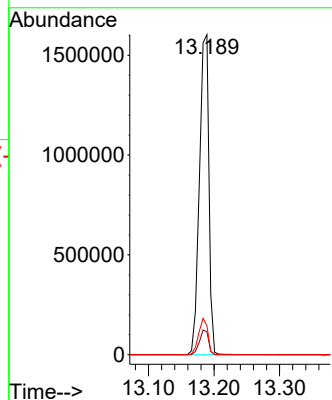
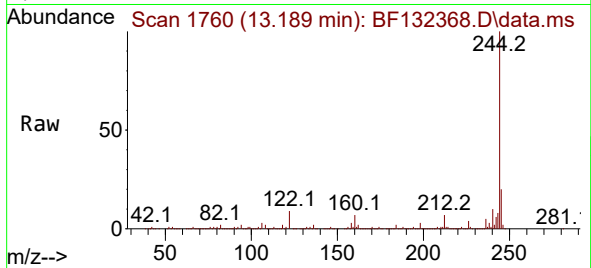




#79
 Terphenyl-d14
 Concen: 99.318 ng
 RT: 13.189 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132368.D
 Acq: 08 Feb 2023 21:18

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Tgt Ion:244 Resp: 1617616
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 9.1 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: BF132368.D
 Acq: 08 Feb 2023 21:18

Tgt Ion:264 Resp: 228785
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.3 17.4 26.2

