

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132369.D
 Acq On : 08 Feb 2023 21:50
 Operator : CG\JU
 Sample : 01464-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Quant Time: Feb 09 02:02:57 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)

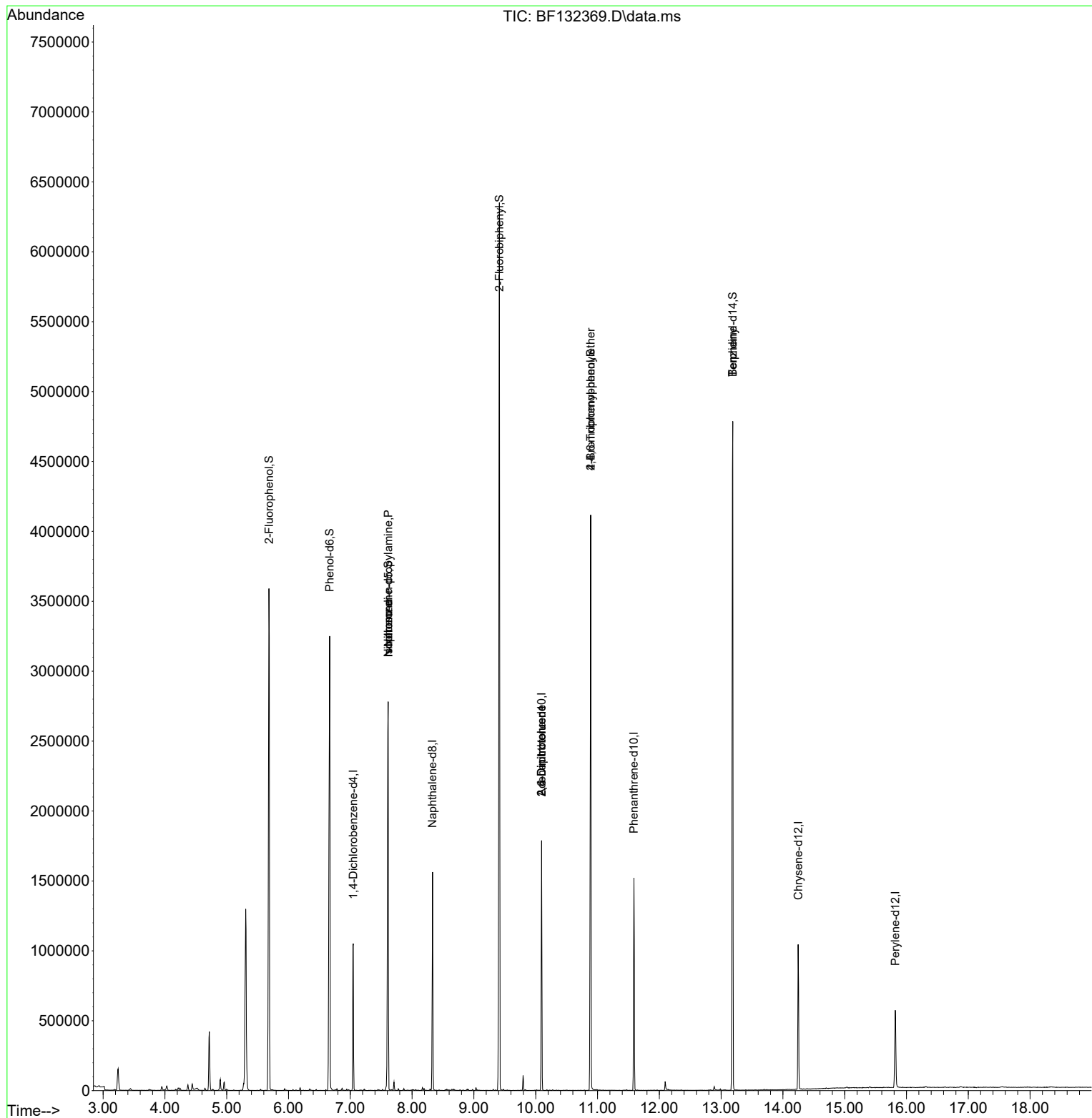
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	174424	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	671134	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	333043	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	532103	20.000	ng	0.00
76) Chrysene-d12	14.248	240	322686	20.000	ng	0.00
86) Perylene-d12	15.818	264	259636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1415439	130.439	ng	0.02
7) Phenol-d6	6.666	99	1586640	118.599	ng	0.00
23) Nitrobenzene-d5	7.613	82	1094657	90.764	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	549102	160.327	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1976930	91.666	ng	0.00
79) Terphenyl-d14	13.189	244	1794756	107.590	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.613	70	135077	17.776	ng	Qvalue 77
25) Isophorone	7.613	82	1092919	47.745	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	43251	8.313	ng	# 24
57) 2,4-Dinitrotoluene	10.095	165	43251	6.399	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	31208	5.728	ng	# 1
77) Benzidine	13.189	184	27830	2.467	ng	# 95

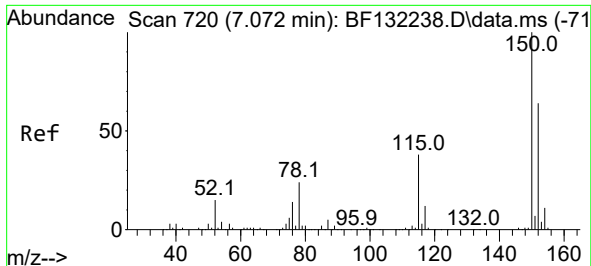
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
Data File : BF132369.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 09 02:02:57 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

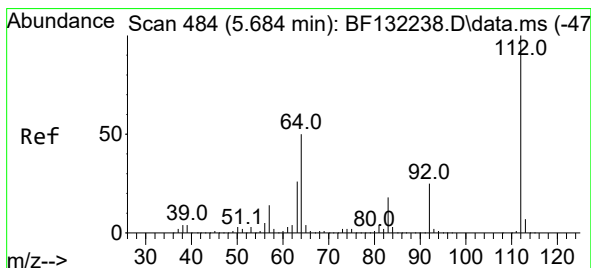
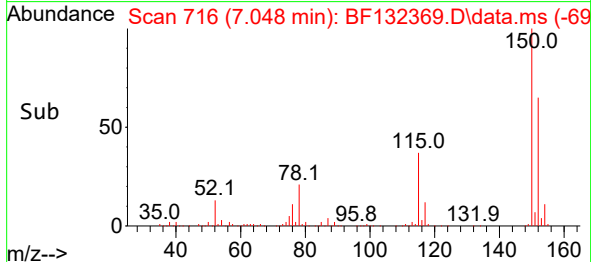
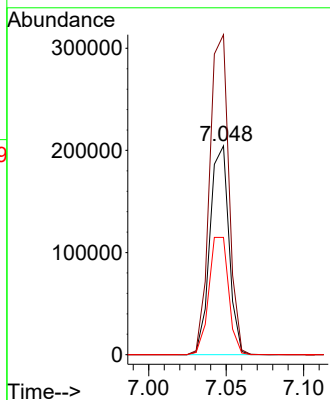
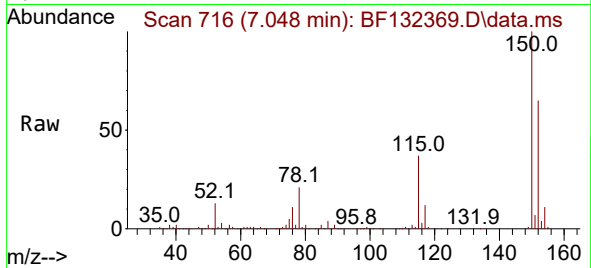




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

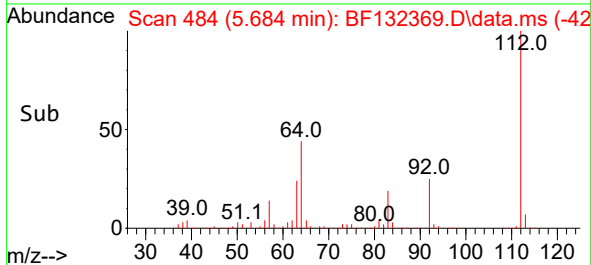
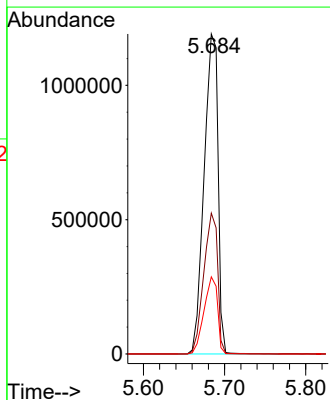
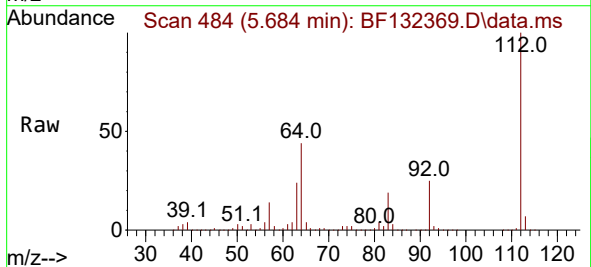
Instrument :
BNA_F
ClientSampleId :
COMP-8

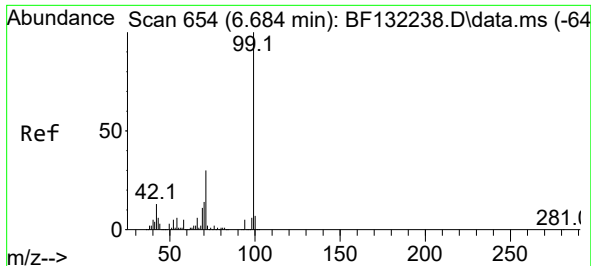
Tgt Ion:152 Resp: 174424
Ion Ratio Lower Upper
152 100
150 153.3 124.2 186.2
115 56.2 47.3 70.9



#5
2-Fluorophenol
Concen: 130.439 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.023 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

Tgt Ion:112 Resp: 1415439
Ion Ratio Lower Upper
112 100
64 44.0 40.0 60.0
63 24.1 20.5 30.7

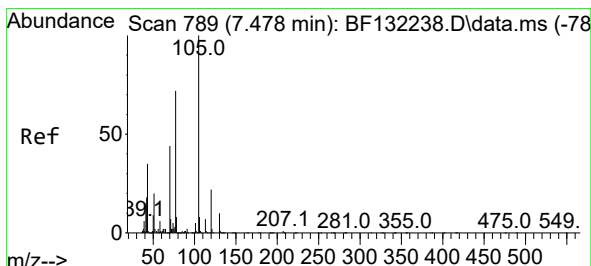
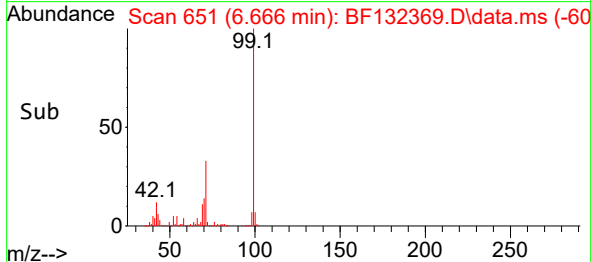
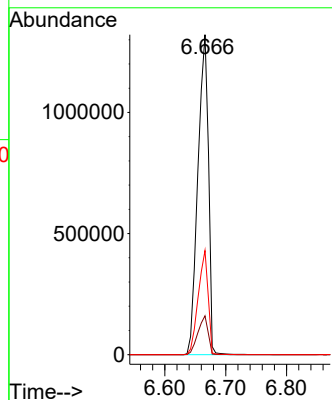
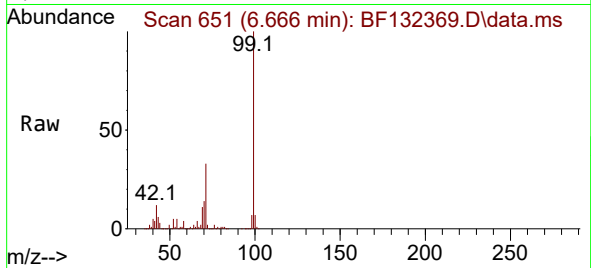




#7
Phenol-d6
Concen: 118.599 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

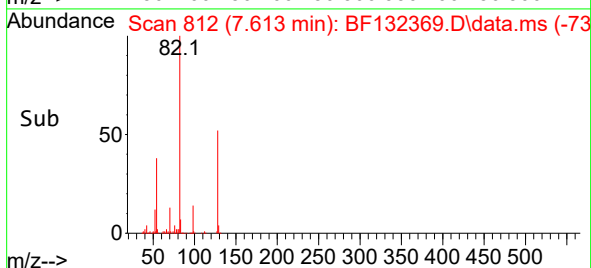
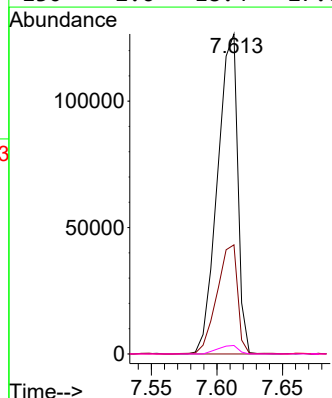
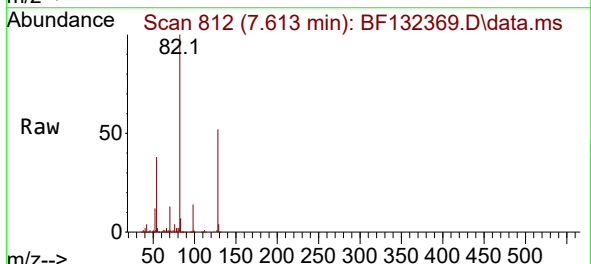
Instrument :
BNA_F
ClientSampleId :
COMP-8

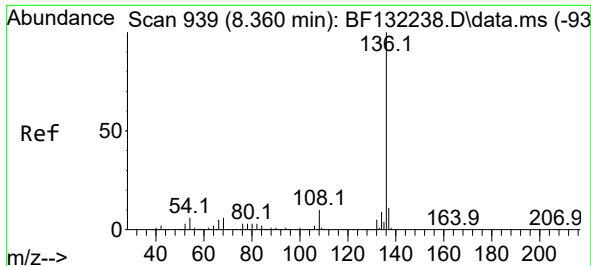
Tgt Ion: 99 Resp: 1586640
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 32.6 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.776 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

Tgt Ion: 70 Resp: 135077
Ion Ratio Lower Upper
70 100
42 34.1 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#

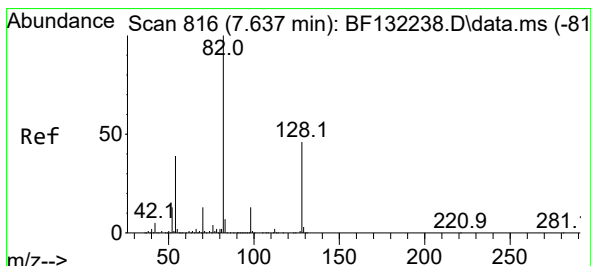
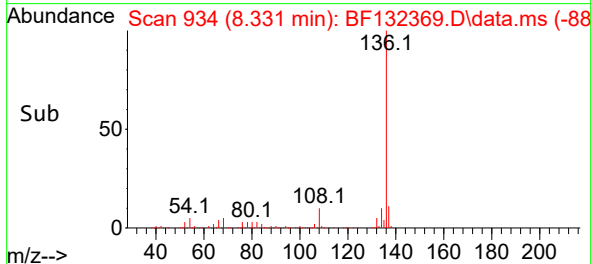
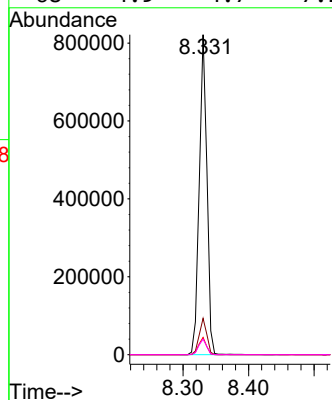
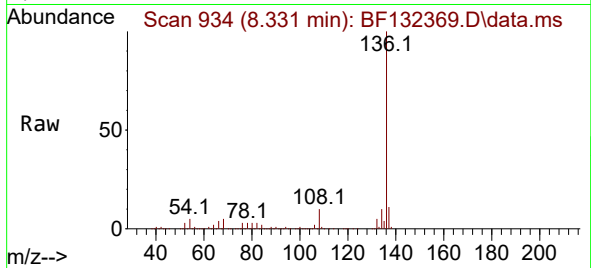




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

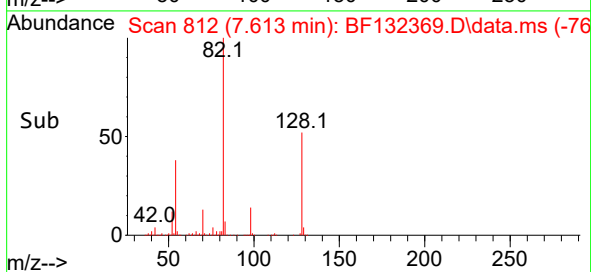
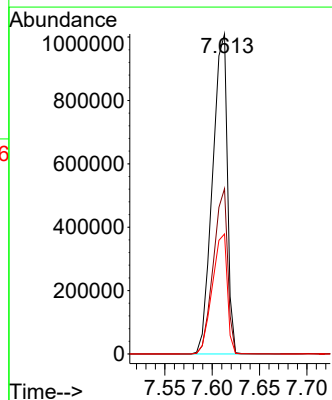
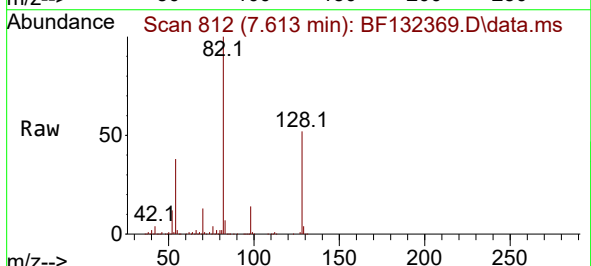
Instrument :
BNA_F
ClientSampleId :
COMP-8

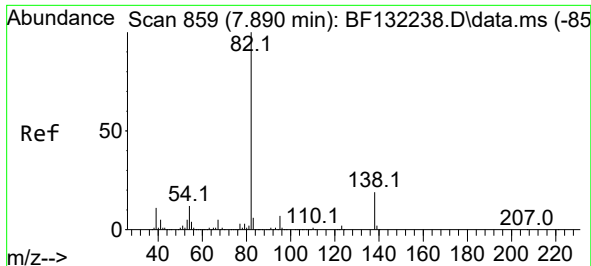
Tgt Ion:136 Resp: 671134
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.4 4.9 7.3
68 4.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 90.764 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

Tgt Ion: 82 Resp: 1094657
Ion Ratio Lower Upper
82 100
128 51.6 37.0 55.4
54 37.5 31.5 47.3

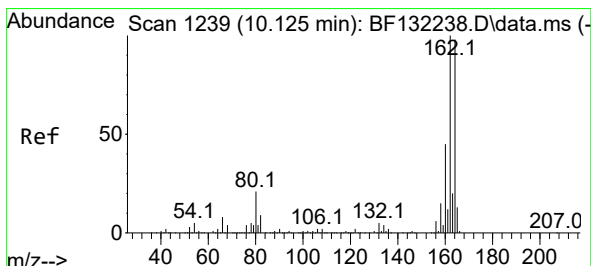
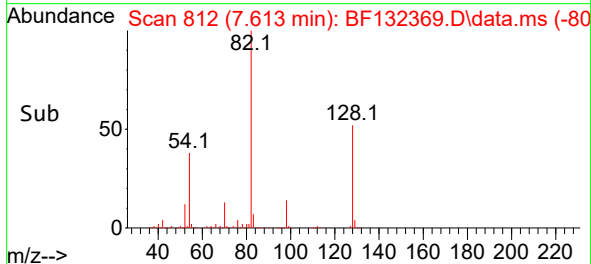
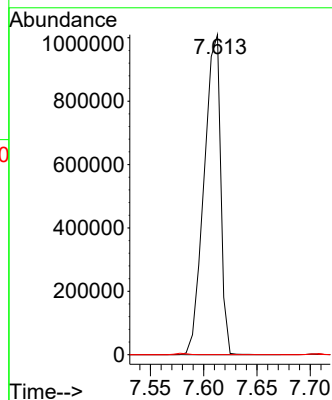
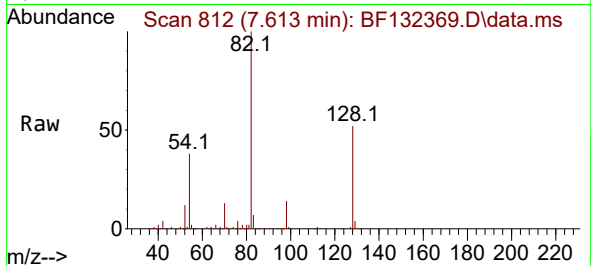




#25
Isophorone
Concen: 47.745 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

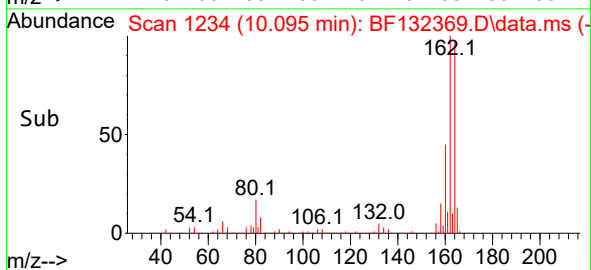
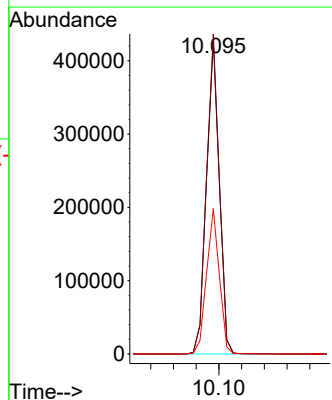
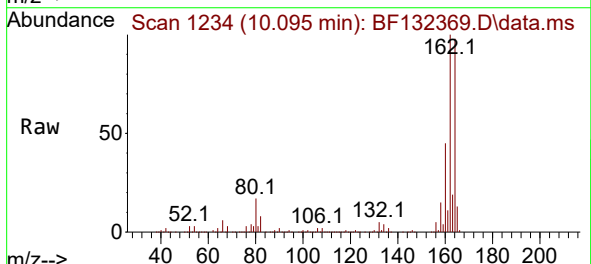
Instrument :
BNA_F
ClientSampleId :
COMP-8

Tgt Ion: 82 Resp: 1092919
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: BF132369.D
Acq: 08 Feb 2023 21:50

Tgt Ion: 164 Resp: 333043
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 46.4 37.1 55.7

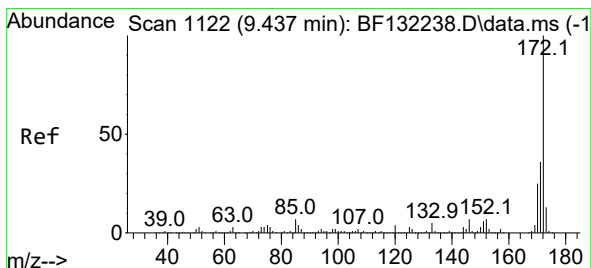
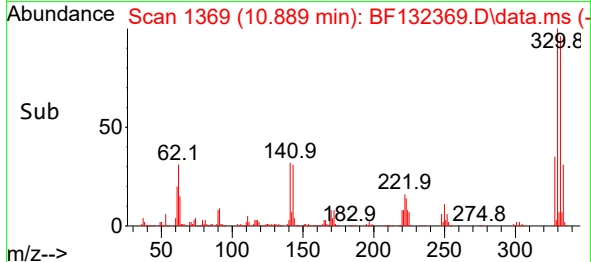
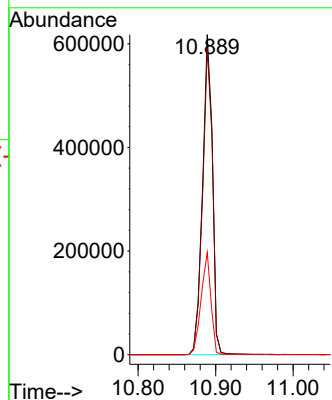
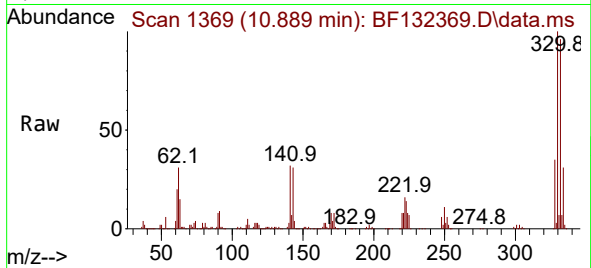




#42
2,4,6-Tribromophenol
Concen: 160.327 ng
RT: 10.889 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

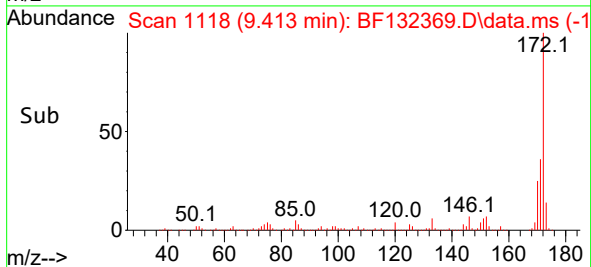
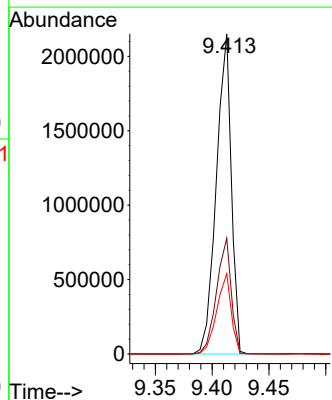
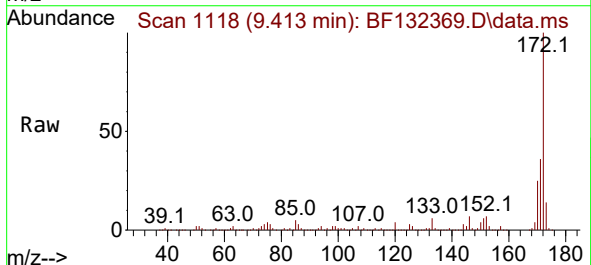
Instrument :
BNA_F
ClientSampleId :
COMP-8

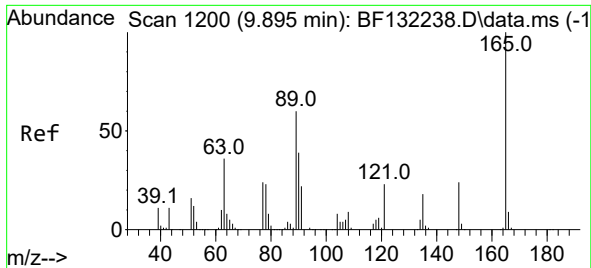
Tgt Ion:330 Resp: 549102
Ion Ratio Lower Upper
330 100
332 96.2 77.9 116.9
141 31.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 91.666 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

Tgt Ion:172 Resp: 1976930
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 25.1 19.7 29.5

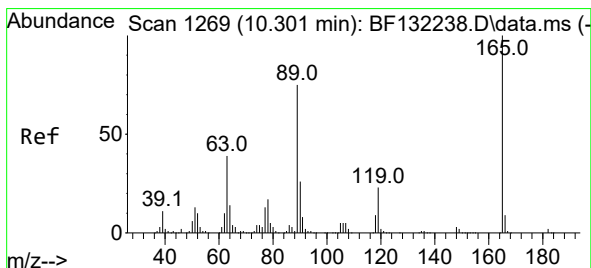
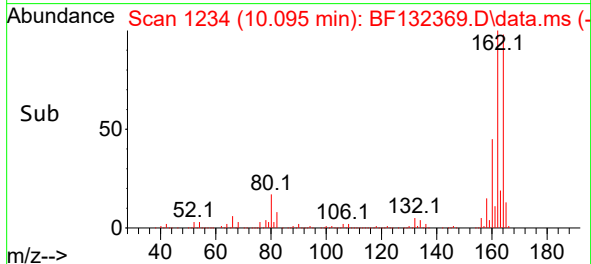
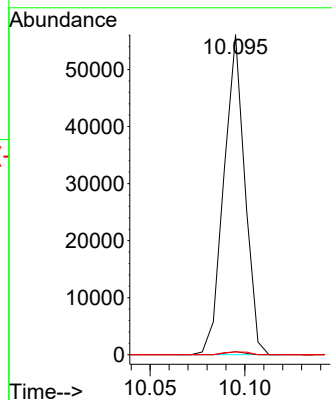
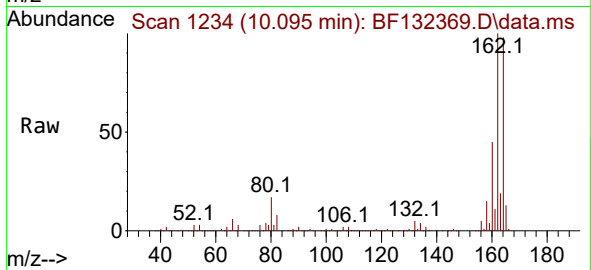




#51
2,6-Dinitrotoluene
Concen: 8.313 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

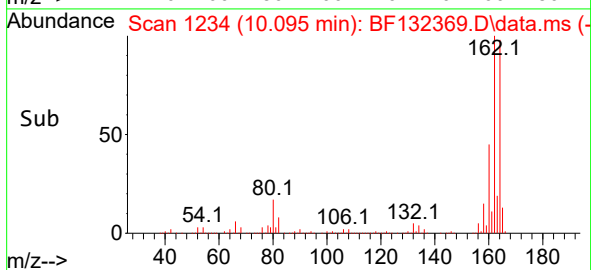
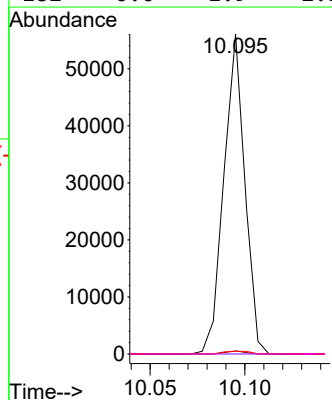
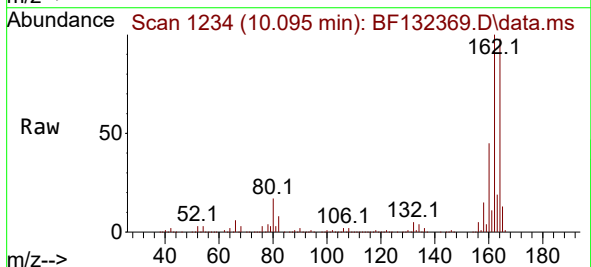
Instrument :
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COMP-8

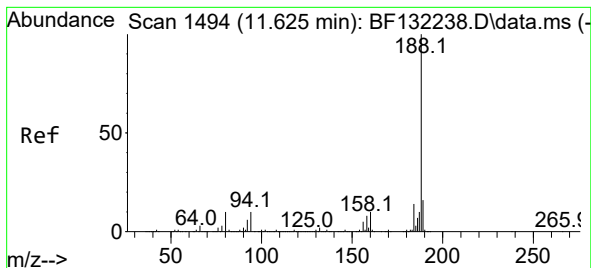
Tgt Ion:165 Resp: 43251
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 0.9 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.399 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

Tgt Ion:165 Resp: 43251
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 0.9 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.589 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132369.D

Acq: 08 Feb 2023 21:50

Instrument :

BNA_F

ClientSampleId :

COMP-8

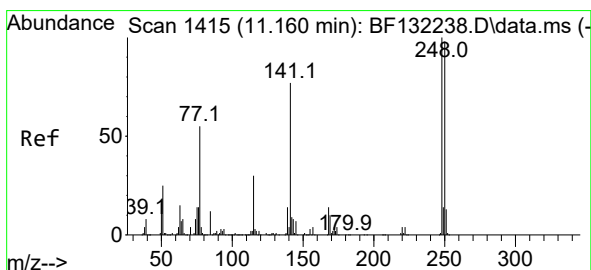
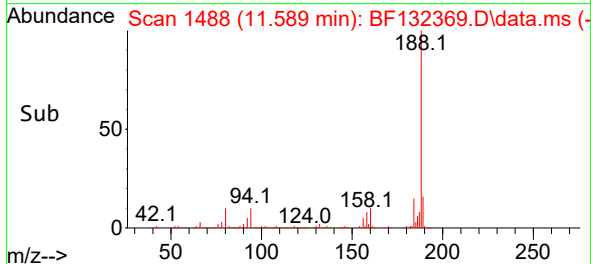
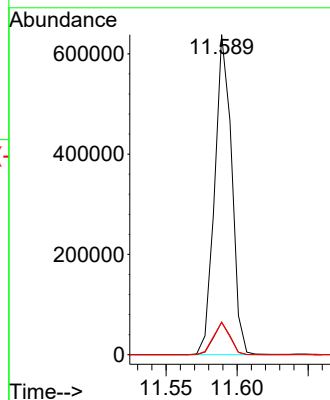
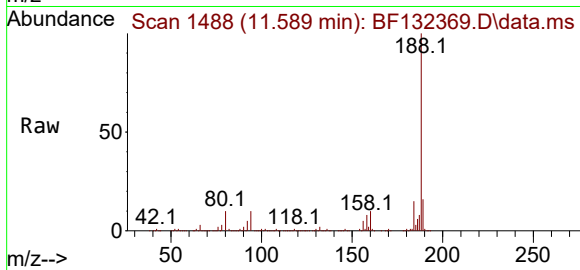
Tgt Ion:188 Resp: 532103

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 10.2 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.728 ng

RT: 10.889 min Scan# 1369

Delta R.T. -0.241 min

Lab File: BF132369.D

Acq: 08 Feb 2023 21:50

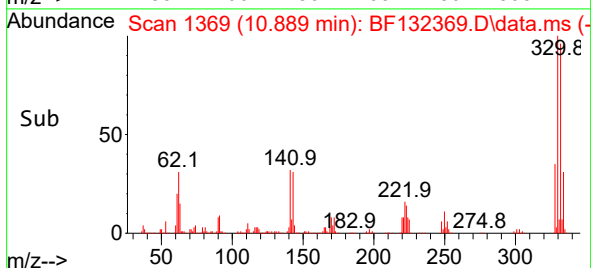
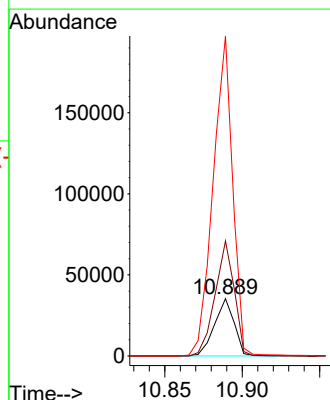
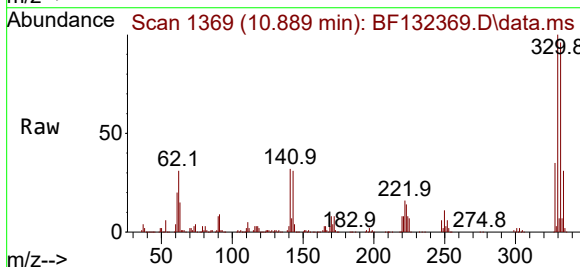
Tgt Ion:248 Resp: 31208

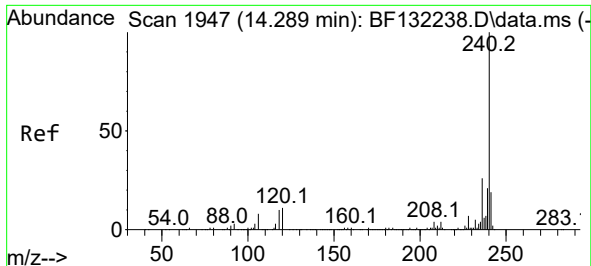
Ion Ratio Lower Upper

248 100

250 200.5 78.6 117.8#

141 557.9 61.6 92.4#

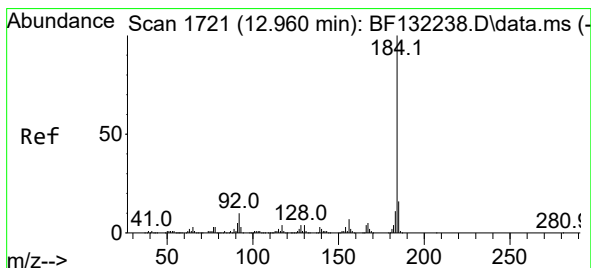
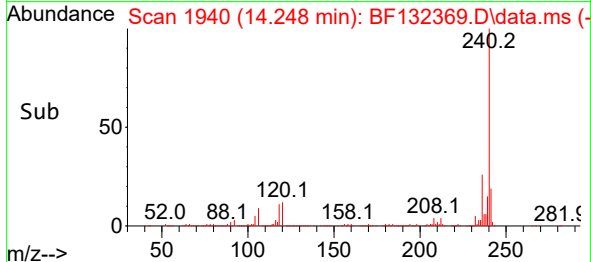
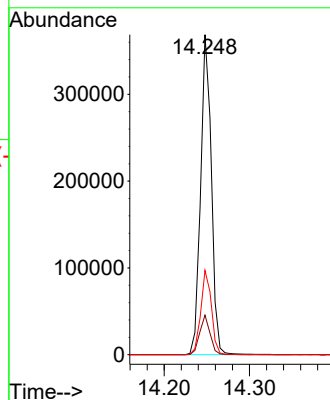
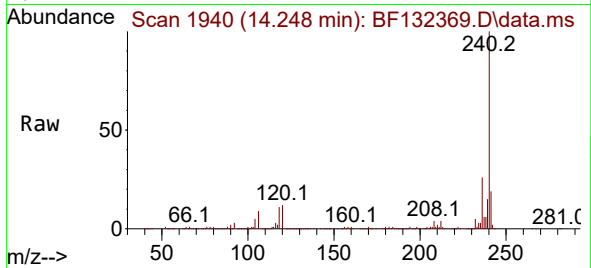




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

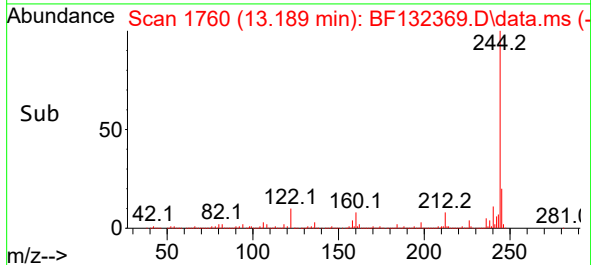
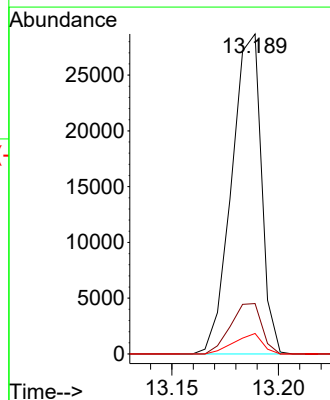
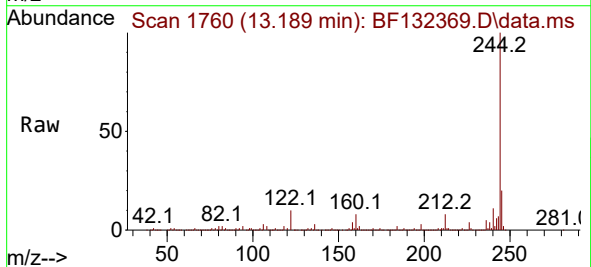
Instrument :
BNA_F
ClientSampleId :
COMP-8

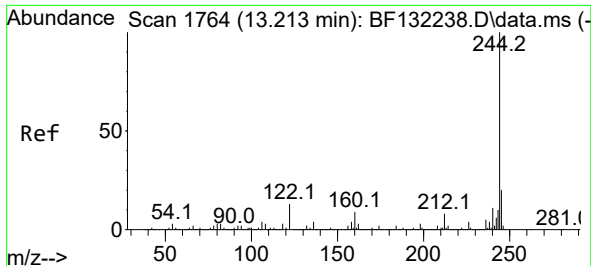
Tgt Ion:240 Resp: 322686
Ion Ratio Lower Upper
240 100
120 12.3 8.8 13.2
236 26.3 21.0 31.6



#77
Benzidine
Concen: 2.467 ng
RT: 13.189 min Scan# 1760
Delta R.T. 0.259 min
Lab File: BF132369.D
Acq: 08 Feb 2023 21:50

Tgt Ion:184 Resp: 27830
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 6.4 8.9 13.3#

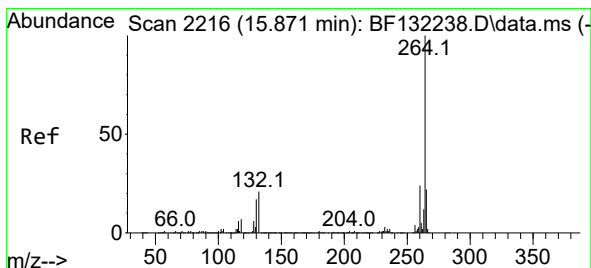
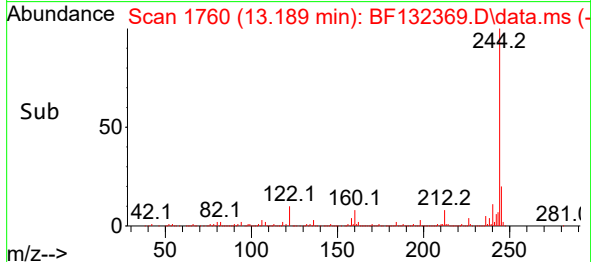
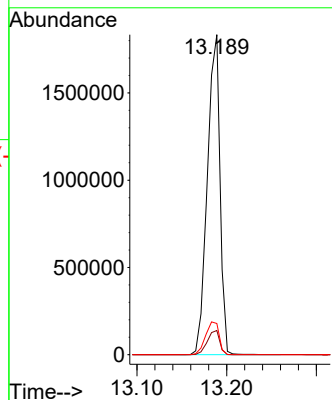
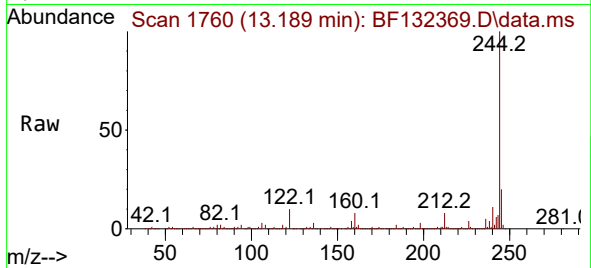




#79
 Terphenyl-d14
 Concen: 107.590 ng
 RT: 13.189 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132369.D
 Acq: 08 Feb 2023 21:50

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Tgt Ion:244 Resp: 1794756
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 9.7 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: BF132369.D
 Acq: 08 Feb 2023 21:50

Tgt Ion:264 Resp: 259636
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.2 17.4 26.2

