

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132366.D
 Acq On : 08 Feb 2023 20:12
 Operator : CG\JU
 Sample : 01463-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: Feb 09 02:02:19 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)

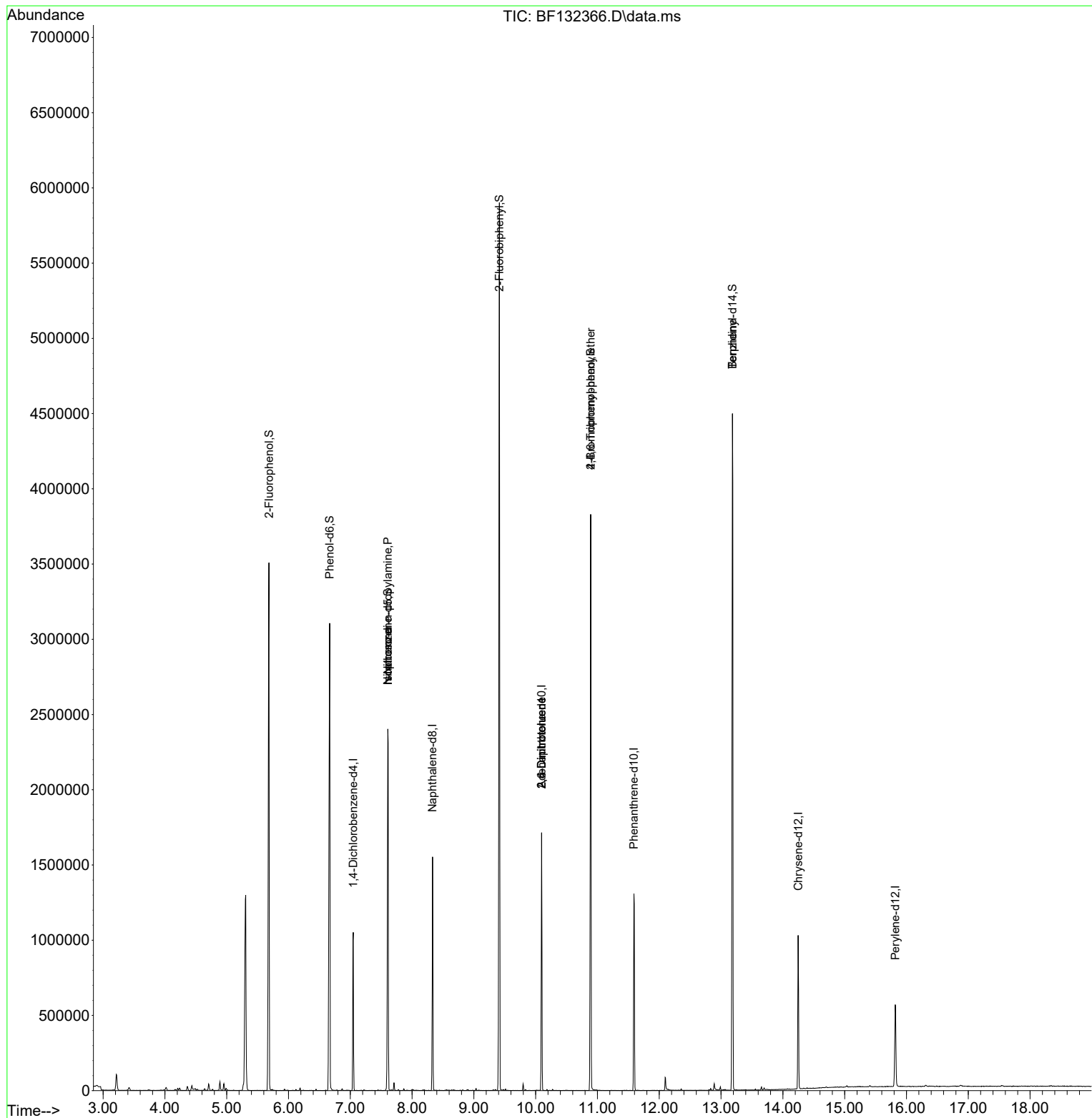
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	169830	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	656087	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	321267	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	512336	20.000	ng	0.00
76) Chrysene-d12	14.248	240	317700	20.000	ng	0.00
86) Perylene-d12	15.818	264	261733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1246549	117.983	ng	0.02
7) Phenol-d6	6.666	99	1446910	111.080	ng	0.00
23) Nitrobenzene-d5	7.607	82	953916	80.908	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	501276	151.728	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1788032	85.946	ng	0.00
79) Terphenyl-d14	13.183	244	1651874	100.579	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.666	77	2025	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.607	70	118983	16.081	ng	# 77
25) Isophorone	7.607	82	952934	42.584	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	42368	8.442	ng	# 25
57) 2,4-Dinitrotoluene	10.095	165	42368	6.498	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	28008	5.339	ng	# 1
77) Benizidine	13.183	184	24990	2.250	ng	# 95

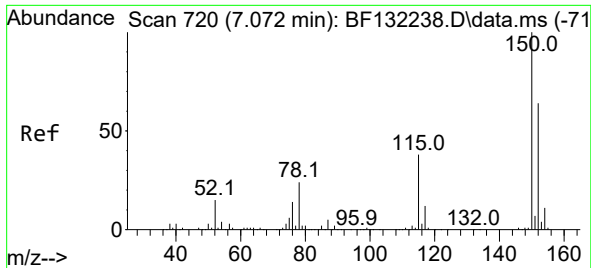
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
Data File : BF132366.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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COMP-5

Quant Time: Feb 09 02:02:19 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

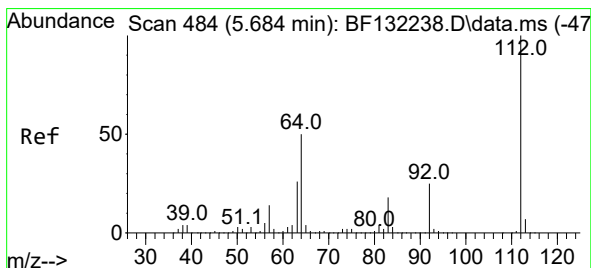
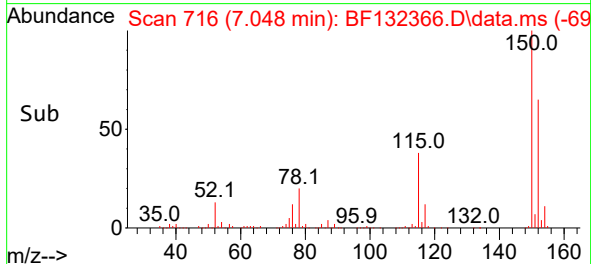
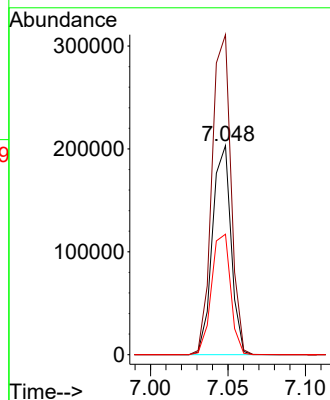
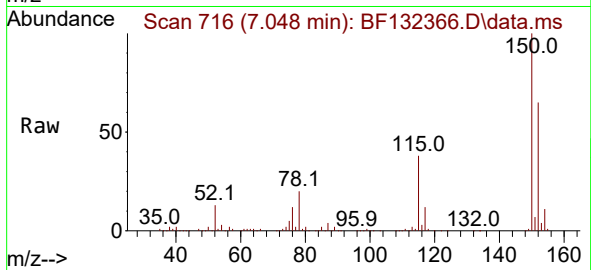




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

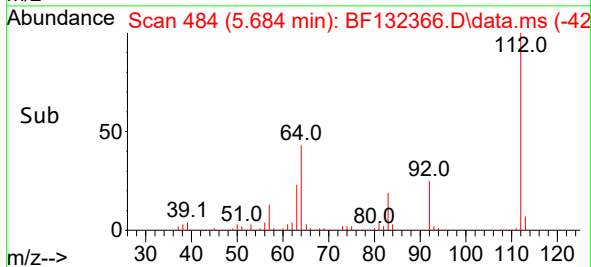
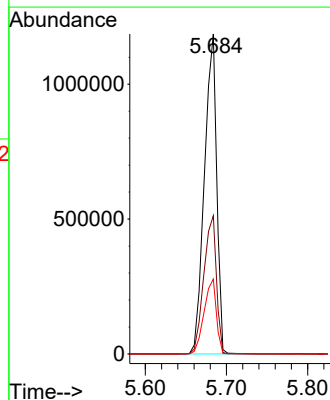
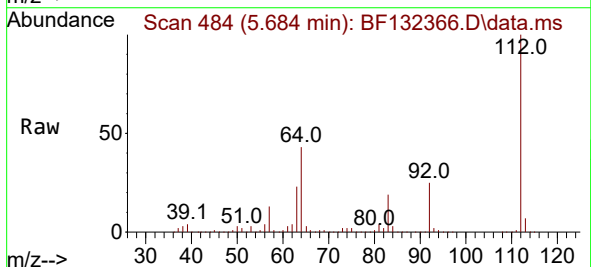
Instrument :
BNA_F
ClientSampleId :
COMP-5

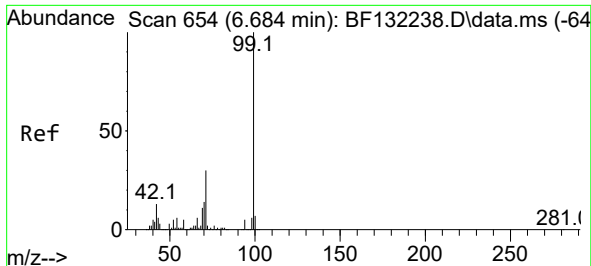
Tgt Ion:152 Resp: 169830
Ion Ratio Lower Upper
152 100
150 153.1 124.2 186.2
115 57.6 47.3 70.9



#5
2-Fluorophenol
Concen: 117.983 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.024 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

Tgt Ion:112 Resp: 1246549
Ion Ratio Lower Upper
112 100
64 43.2 40.0 60.0
63 23.4 20.5 30.7

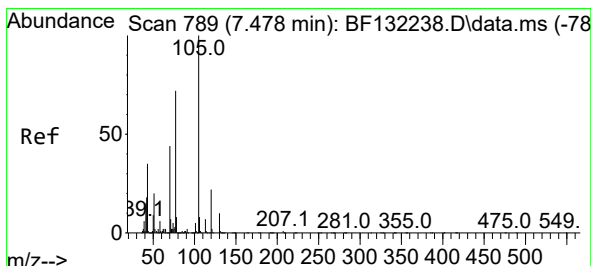
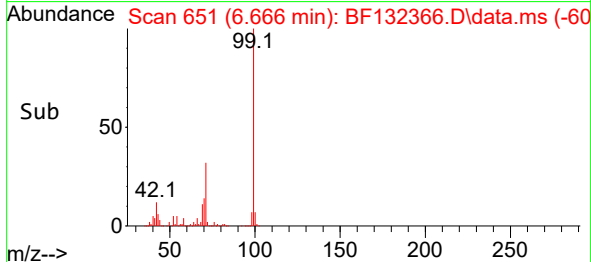
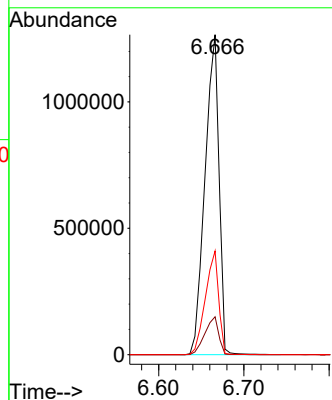
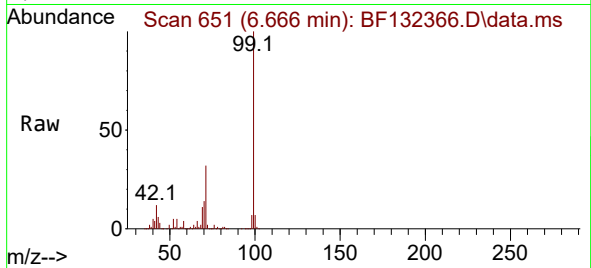




#7
Phenol-d6
Concen: 111.080 ng
RT: 6.666 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

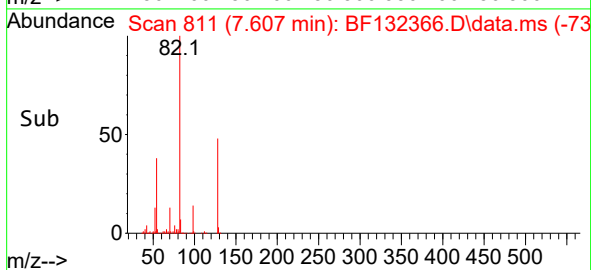
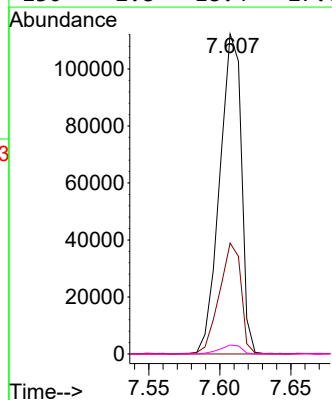
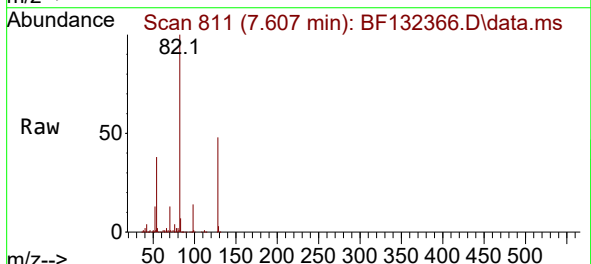
Instrument :
BNA_F
ClientSampleId :
COMP-5

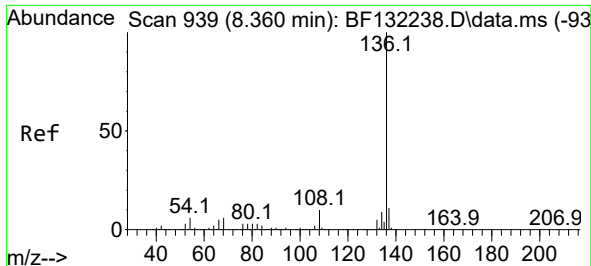
Tgt Ion: 99 Resp: 1446910
Ion Ratio Lower Upper
99 100
42 11.9 10.1 15.1
71 32.4 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.081 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.147 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

Tgt Ion: 70 Resp: 118983
Ion Ratio Lower Upper
70 100
42 34.7 33.4 50.0
101 0.0 8.2 12.4#
130 2.8 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: BF132366.D

Acq: 08 Feb 2023 20:12

Instrument :

BNA_F

ClientSampleId :

COMP-5

Tgt Ion:136 Resp: 656087

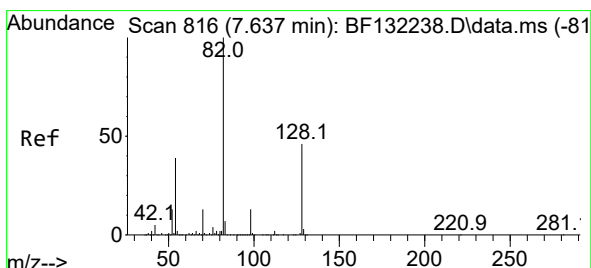
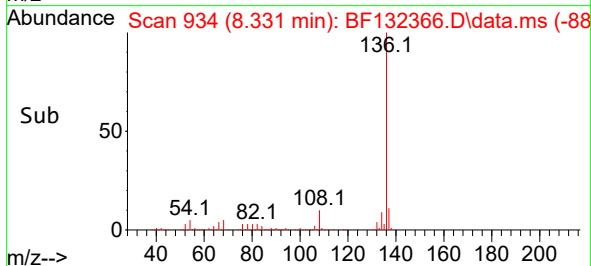
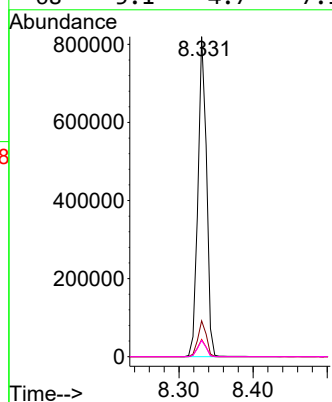
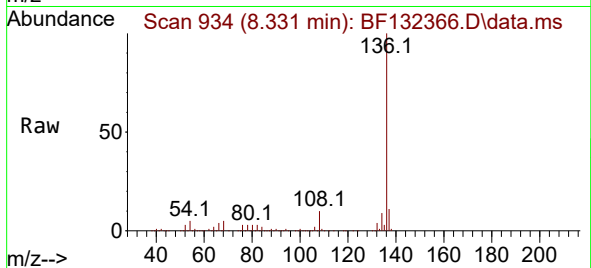
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.4 4.9 7.3

68 5.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 80.908 ng

RT: 7.607 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF132366.D

Acq: 08 Feb 2023 20:12

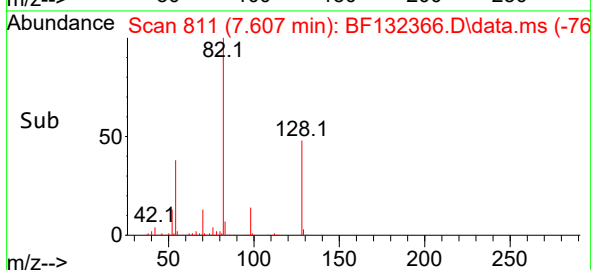
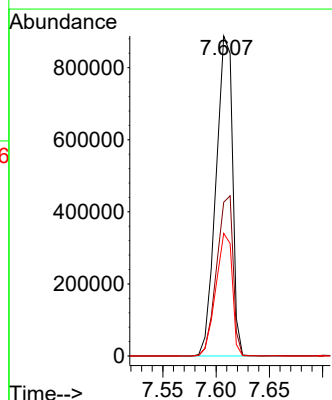
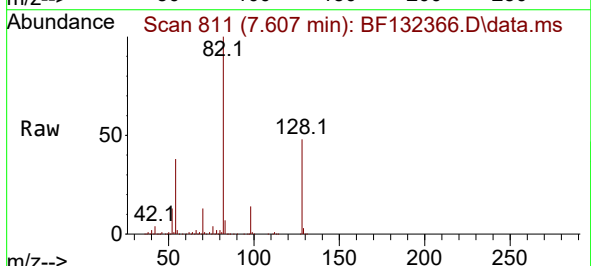
Tgt Ion: 82 Resp: 953916

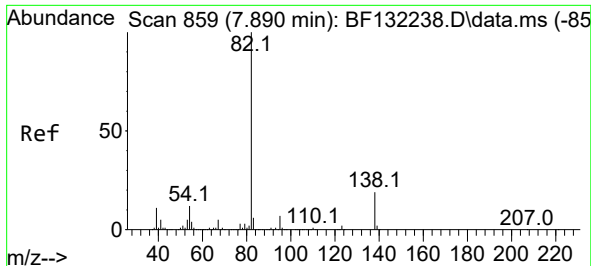
Ion Ratio Lower Upper

82 100

128 48.1 37.0 55.4

54 38.3 31.5 47.3

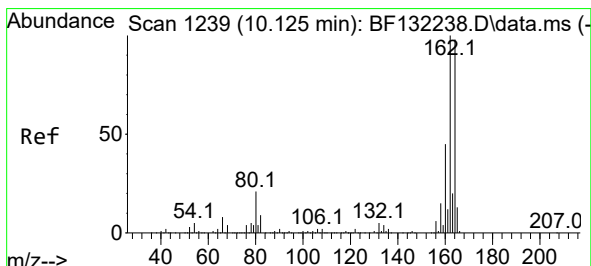
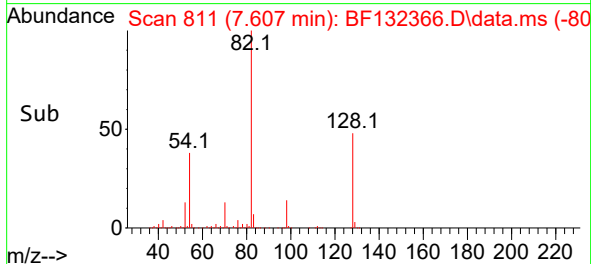
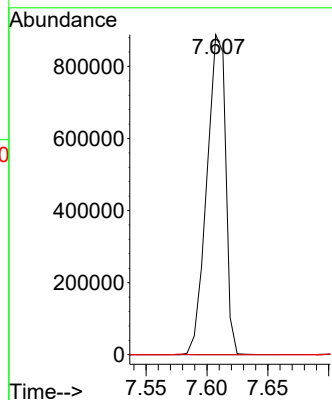
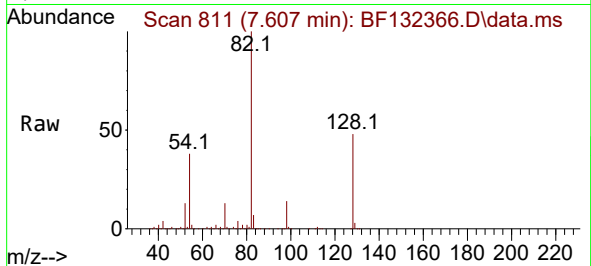




#25
Isophorone
Concen: 42.584 ng
RT: 7.607 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

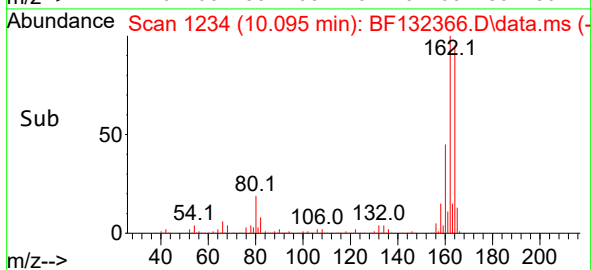
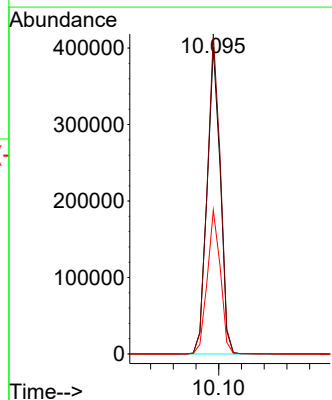
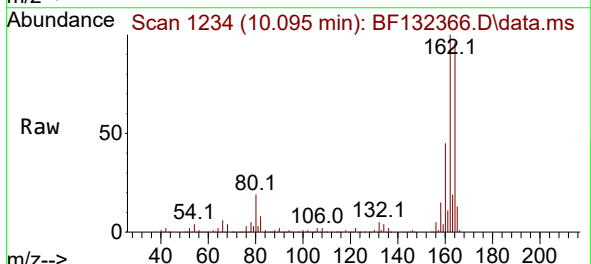
Instrument :
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ClientSampleId :
COMP-5

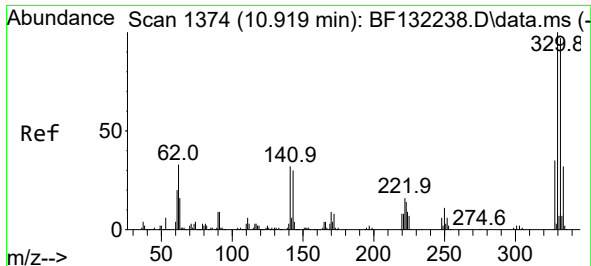
Tgt Ion: 82 Resp: 952934
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

Tgt Ion: 164 Resp: 321267
Ion Ratio Lower Upper
164 100
162 104.4 82.0 123.0
160 46.9 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 151.728 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132366.D

Acq: 08 Feb 2023 20:12

Instrument :

BNA_F

ClientSampleId :

COMP-5

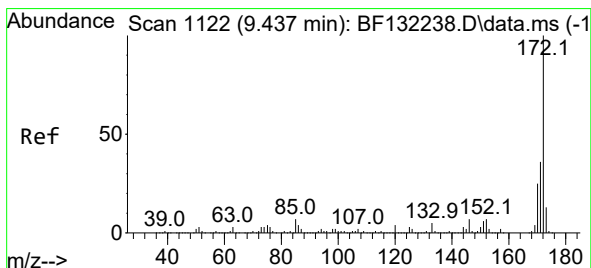
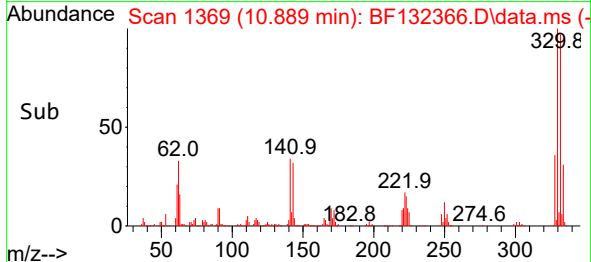
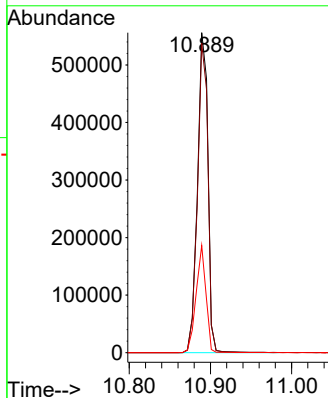
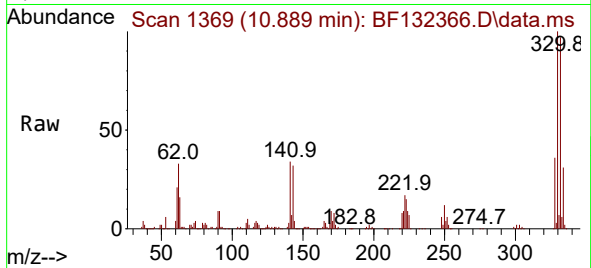
Tgt Ion:330 Resp: 501276

Ion Ratio Lower Upper

330 100

332 96.7 77.9 116.9

141 31.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 85.946 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132366.D

Acq: 08 Feb 2023 20:12

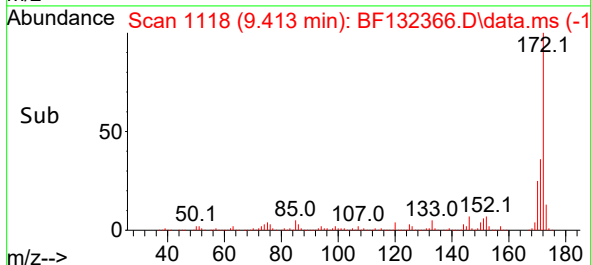
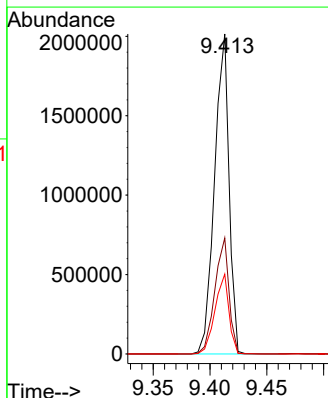
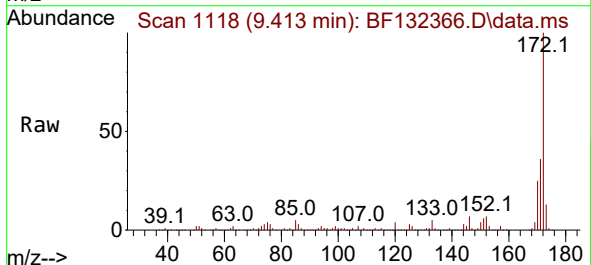
Tgt Ion:172 Resp: 1788032

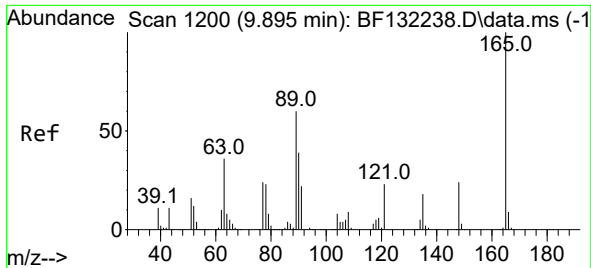
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 25.0 19.7 29.5

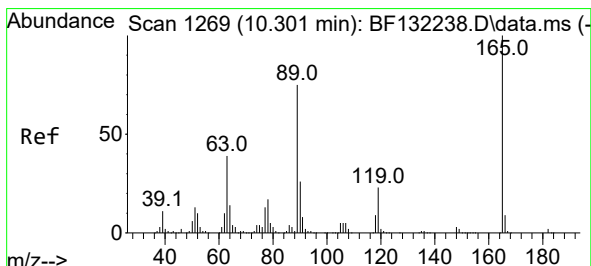
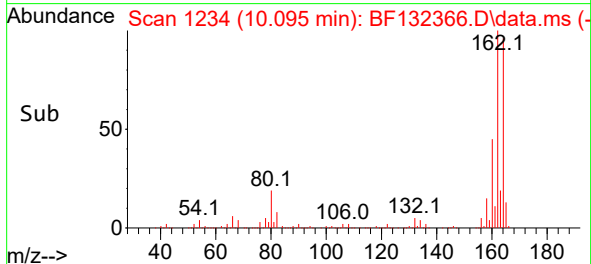
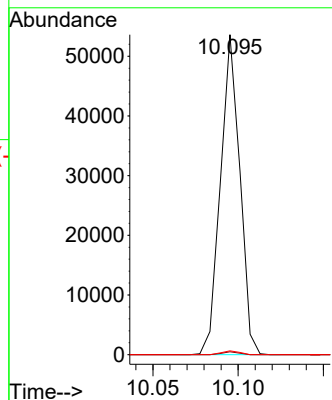
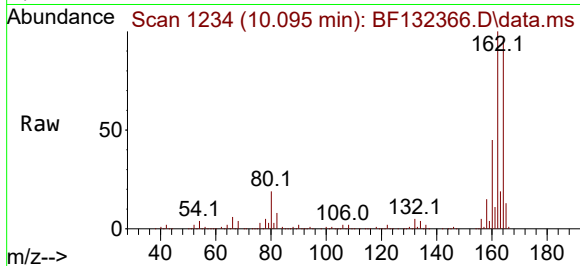




#51
2,6-Dinitrotoluene
Concen: 8.442 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

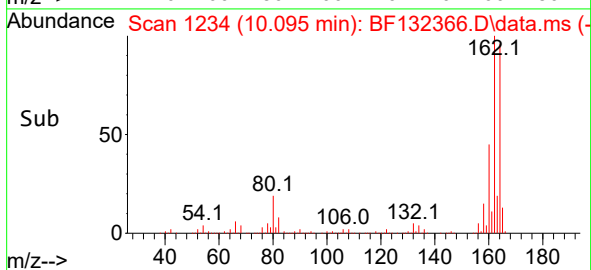
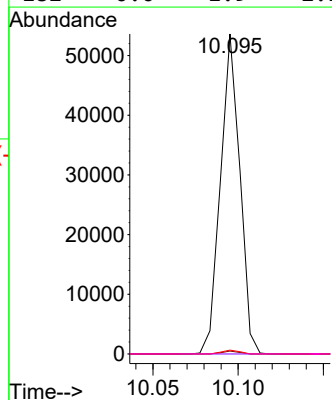
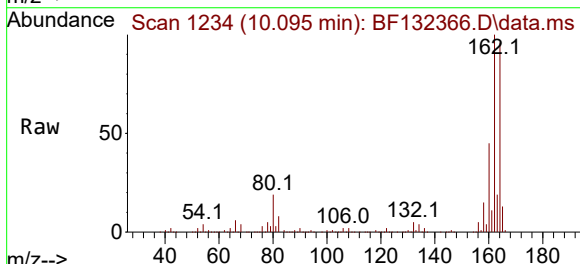
Instrument :
BNA_F
ClientSampleId :
COMP-5

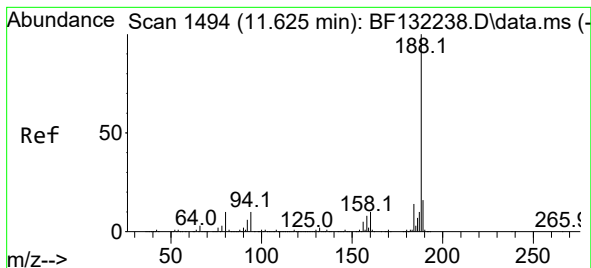
Tgt Ion:165 Resp: 42368
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

Tgt Ion:165 Resp: 42368
Ion Ratio Lower Upper
165 100
63 0.9 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# 14

Delta R.T. -0.006 min

Lab File: BF132366.D

Acq: 08 Feb 2023 20:12

Instrument :

BNA_F

ClientSampleId :

COMP-5

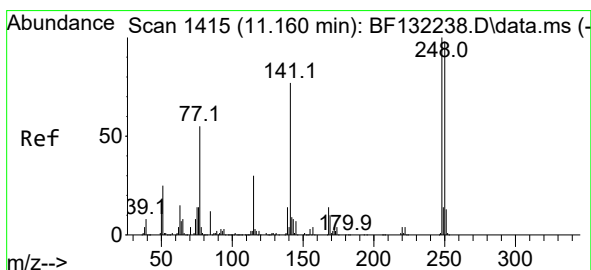
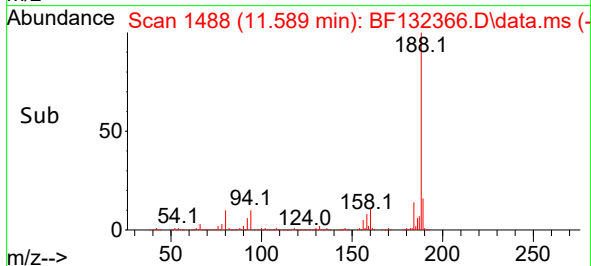
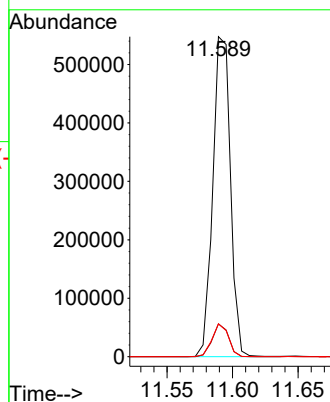
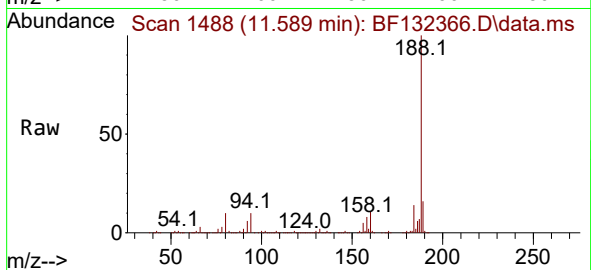
Tgt Ion:188 Resp: 512336

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.3 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.339 ng

RT: 10.889 min Scan# 1369

Delta R.T. -0.241 min

Lab File: BF132366.D

Acq: 08 Feb 2023 20:12

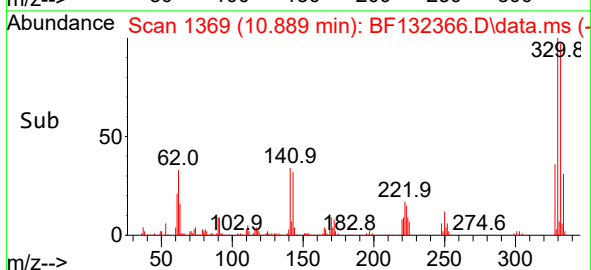
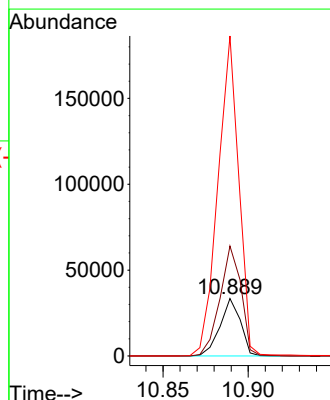
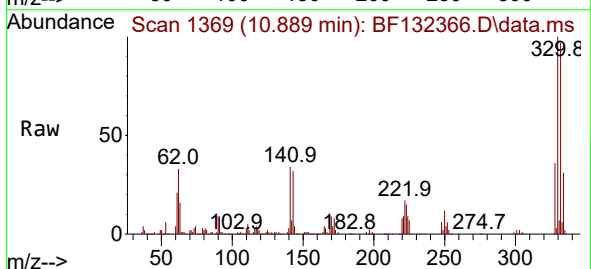
Tgt Ion:248 Resp: 28008

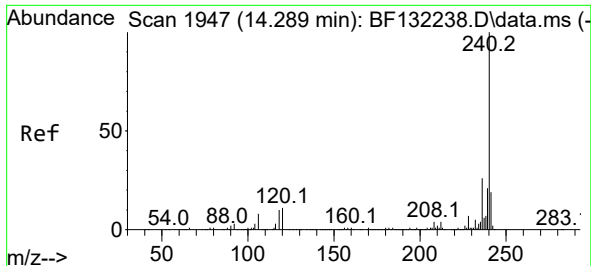
Ion Ratio Lower Upper

248 100

250 191.4 78.6 117.8#

141 557.5 61.6 92.4#

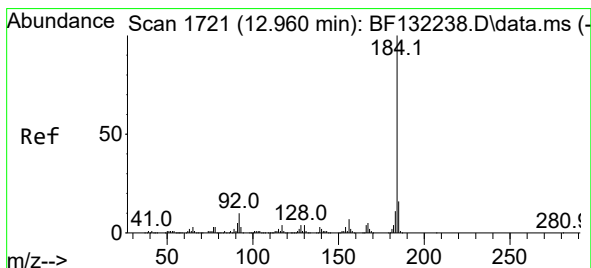
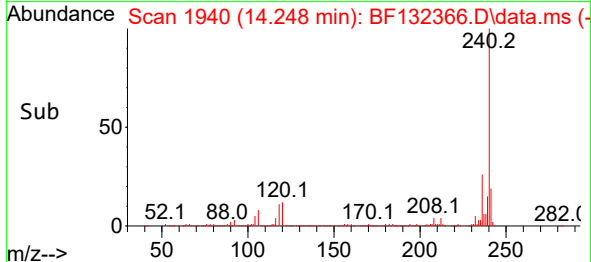
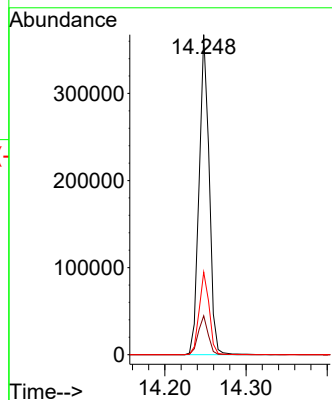
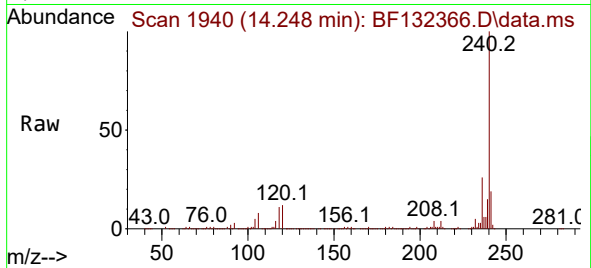




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

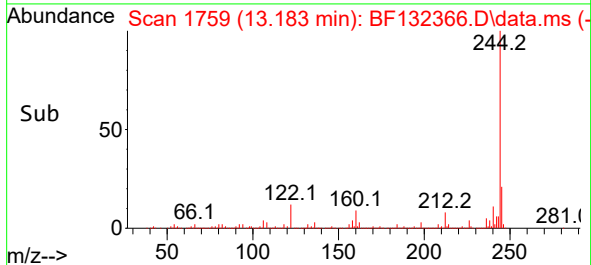
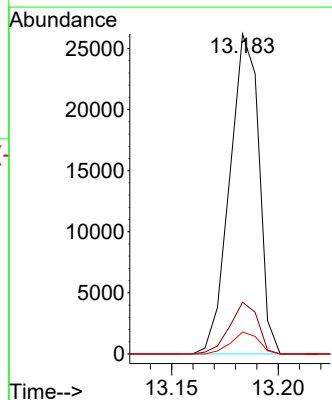
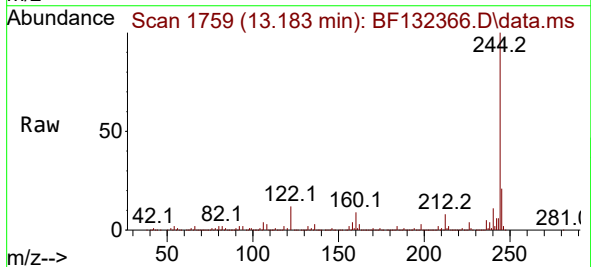
Instrument :
BNA_F
ClientSampleId :
COMP-5

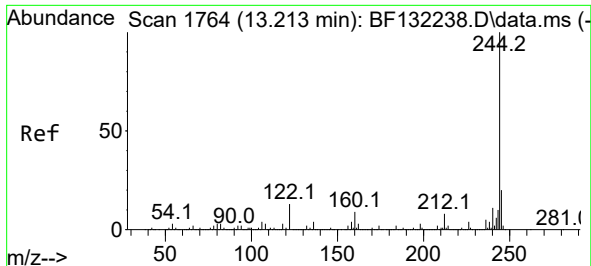
Tgt Ion:240 Resp: 317700
Ion Ratio Lower Upper
240 100
120 12.2 8.8 13.2
236 25.8 21.0 31.6



#77
Benzidine
Concen: 2.250 ng
RT: 13.183 min Scan# 1759
Delta R.T. 0.253 min
Lab File: BF132366.D
Acq: 08 Feb 2023 20:12

Tgt Ion:184 Resp: 24990
Ion Ratio Lower Upper
184 100
185 16.1 12.6 18.8
183 6.8 8.9 13.3#

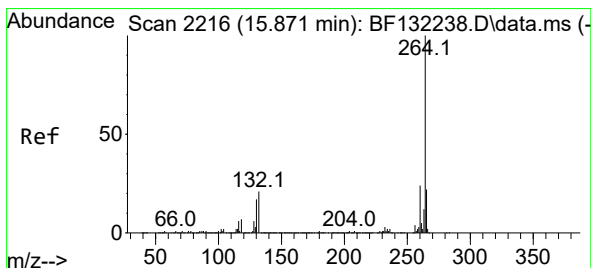
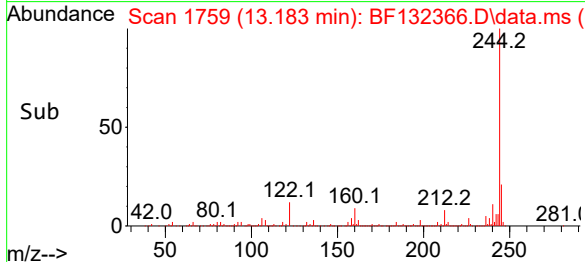
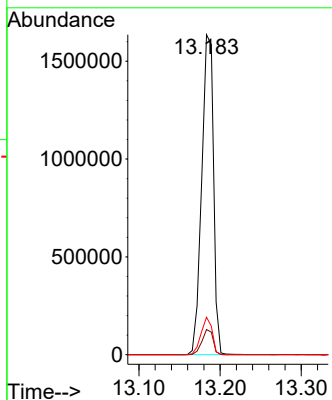
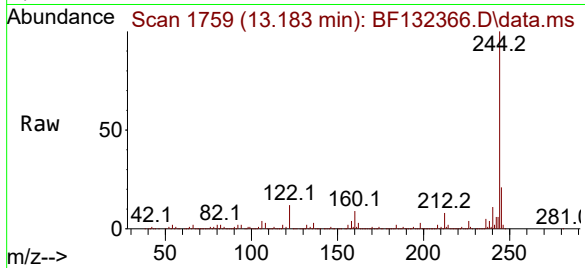




#79
 Terphenyl-d14
 Concen: 100.579 ng
 RT: 13.183 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132366.D
 Acq: 08 Feb 2023 20:12

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Tgt Ion:244 Resp: 1651874
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 11.7 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: BF132366.D
 Acq: 08 Feb 2023 20:12

Tgt Ion:264 Resp: 261733
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.7 17.4 26.2

