

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132355.D
 Acq On : 08 Feb 2023 13:13
 Operator : CG\JU
 Sample : PB150729BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150729BL

Quant Time: Feb 09 01:58:03 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

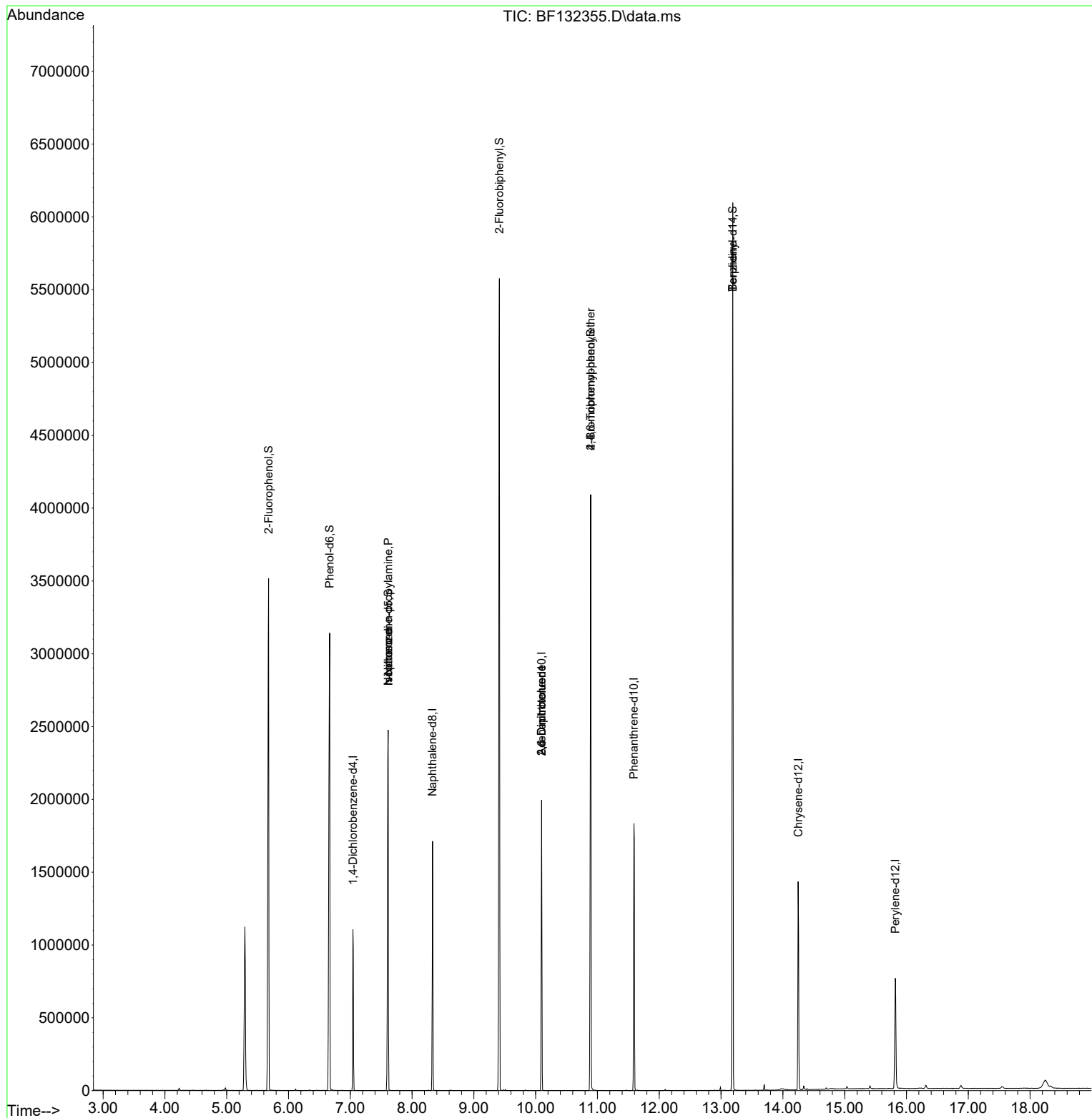
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.042	152	177545	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	697990	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	368693	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	703236	20.000	ng	0.00
76) Chrysene-d12	14.248	240	454977	20.000	ng	0.00
86) Perylene-d12	15.818	264	369947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1270507	115.025	ng	0.02
7) Phenol-d6	6.666	99	1524477	111.950	ng	0.00
23) Nitrobenzene-d5	7.613	82	931994	74.303	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	543696	143.399	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1781687	74.625	ng	0.00
79) Terphenyl-d14	13.189	244	2154649	91.608	ng	0.00
Target Compounds						
9) Benzaldehyde	6.666	77	1976	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.613	70	114963	14.863	ng	# 76
25) Isophorone	7.613	82	931972	39.147	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	48112	8.353	ng	# 25
57) 2,4-Dinitrotoluene	10.095	165	48112	6.430	ng	# 23
67) 4-Bromophenyl-phenylether	10.889	248	30934	4.296	ng	# 1
77) Benzidine	13.189	184	34602	2.175	ng	# 96

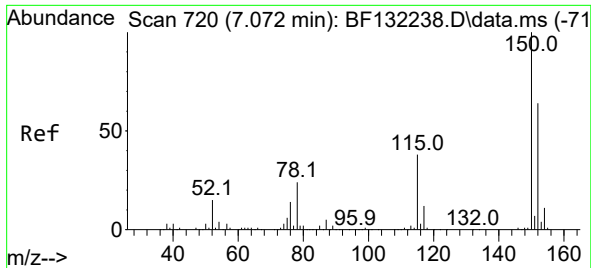
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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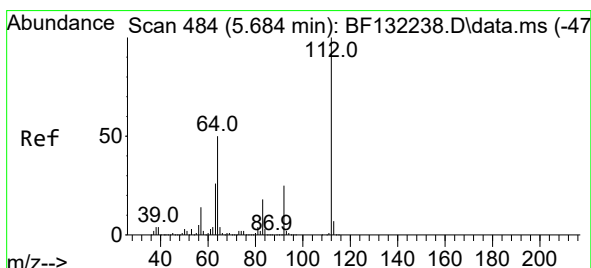
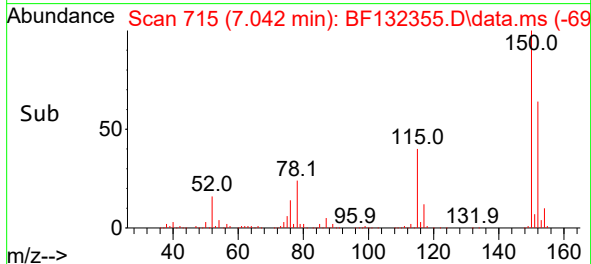
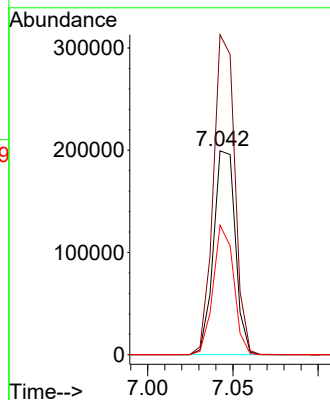
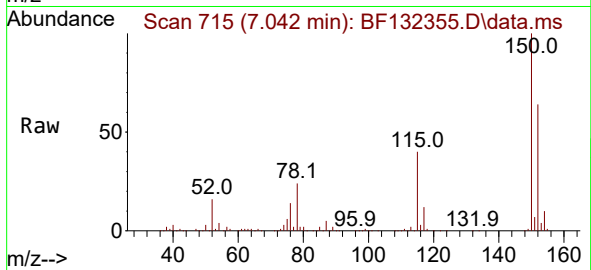




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.042 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

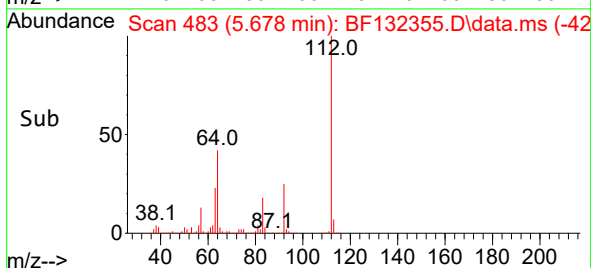
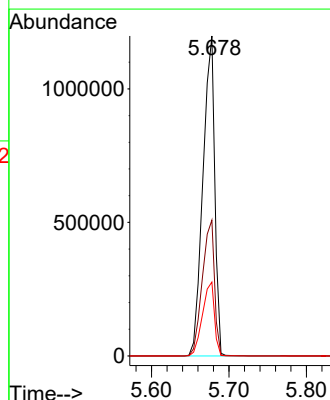
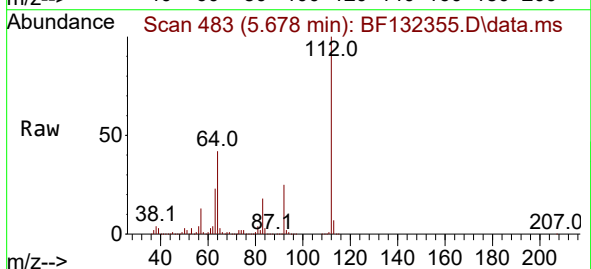
Instrument :
BNA_F
ClientSampleId :
PB150729BL

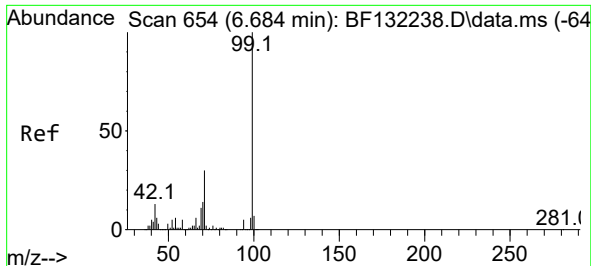
Tgt Ion:152 Resp: 177545
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 63.5 47.3 70.9



#5
2-Fluorophenol
Concen: 115.025 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.018 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

Tgt Ion:112 Resp: 1270507
Ion Ratio Lower Upper
112 100
64 42.4 40.0 60.0
63 23.1 20.5 30.7

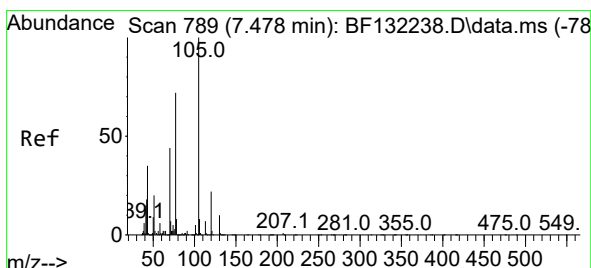
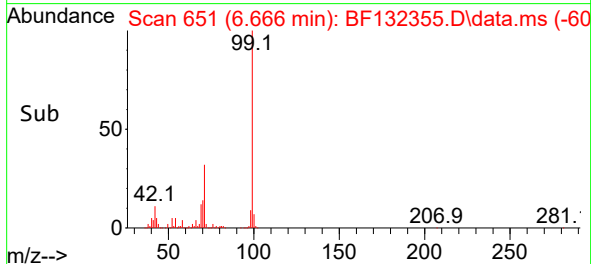
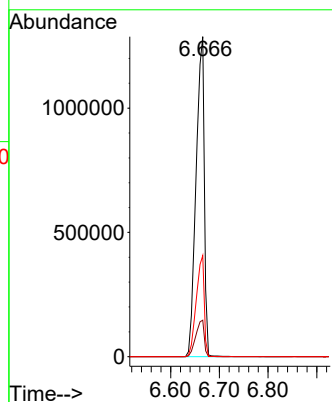
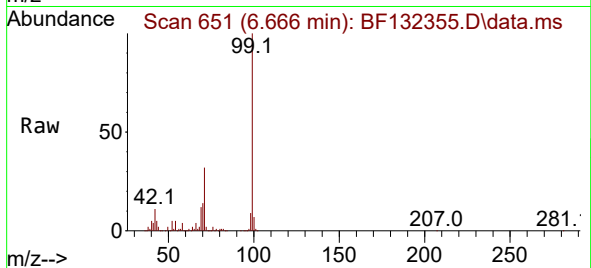




#7
Phenol-d6
Concen: 111.950 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

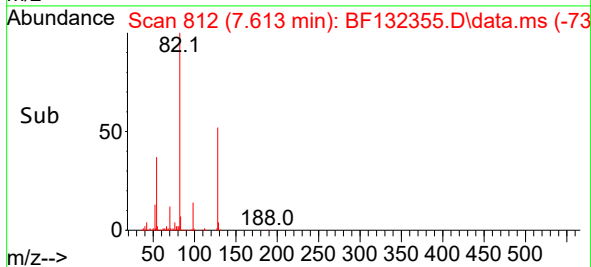
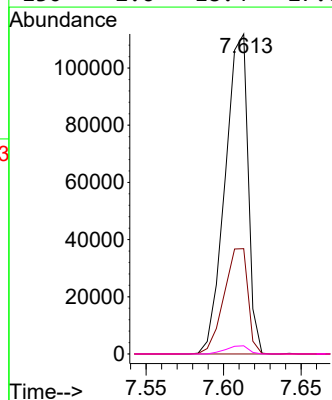
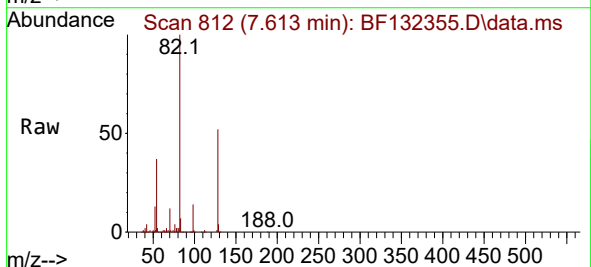
Instrument :
BNA_F
ClientSampleId :
PB150729BL

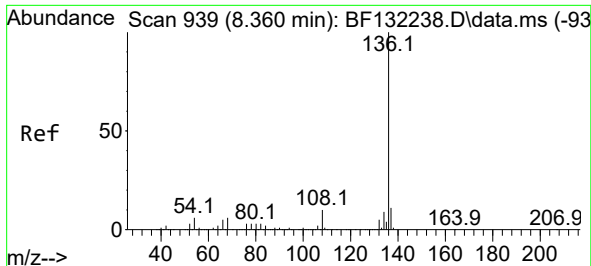
Tgt Ion: 99 Resp: 1524477
Ion Ratio Lower Upper
99 100
42 11.4 10.1 15.1
71 31.6 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.863 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

Tgt Ion: 70 Resp: 114963
Ion Ratio Lower Upper
70 100
42 32.9 33.4 50.0#
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#



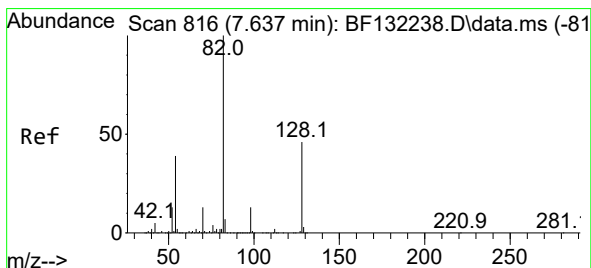
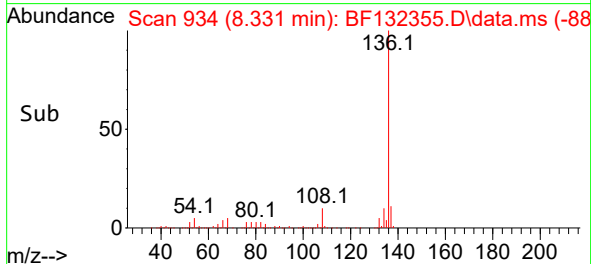
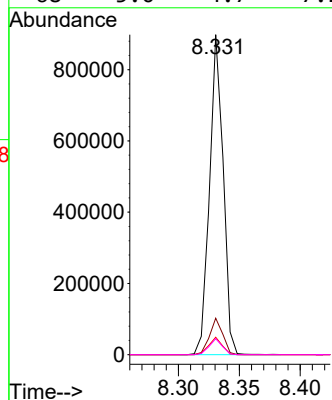
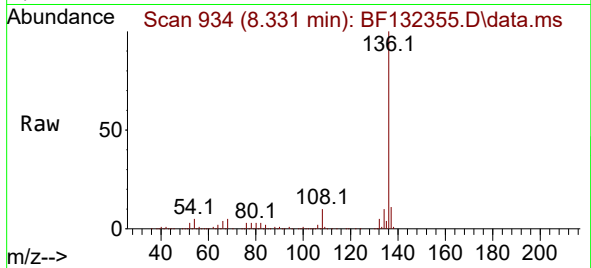


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

Instrument :
BNA_F
ClientSampleId :
PB150729BL

Tgt Ion:136 Resp: 697990

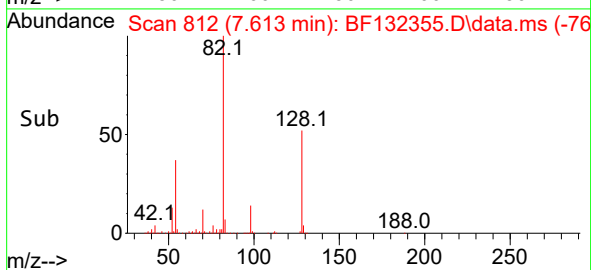
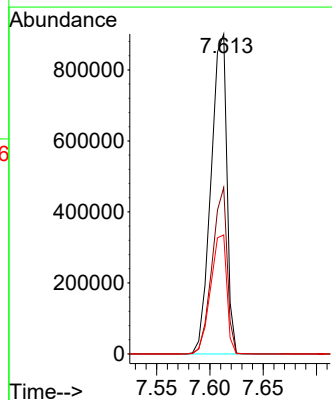
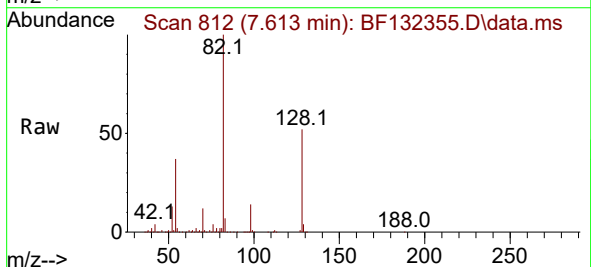
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	5.5	4.9	7.3
68	5.0	4.7	7.1

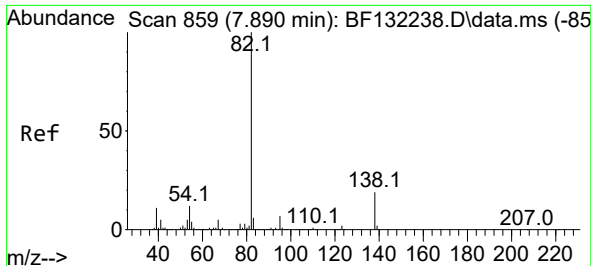


#23
Nitrobenzene-d5
Concen: 74.303 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

Tgt Ion: 82 Resp: 931994

Ion	Ratio	Lower	Upper
82	100		
128	52.0	37.0	55.4
54	37.2	31.5	47.3

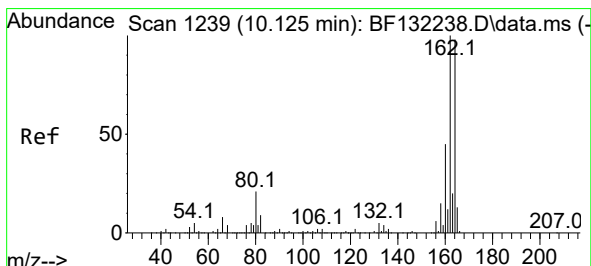
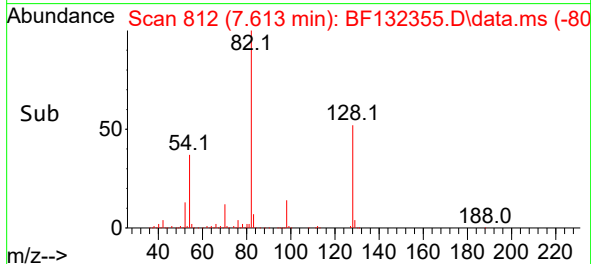
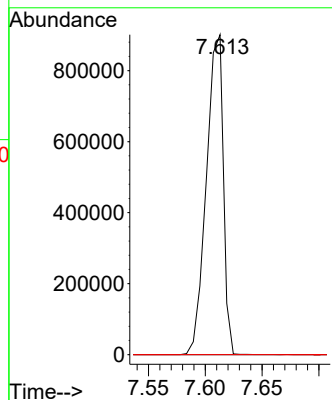
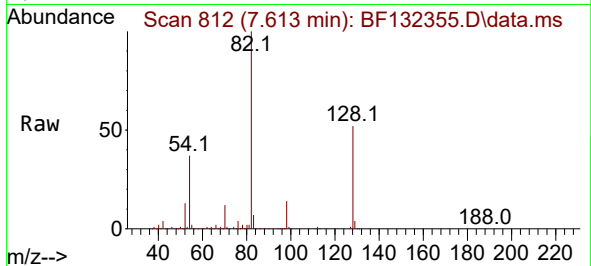




#25
Isophorone
Concen: 39.147 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

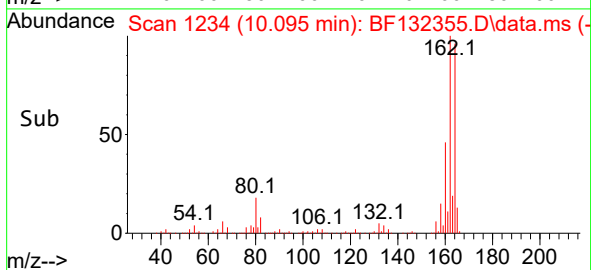
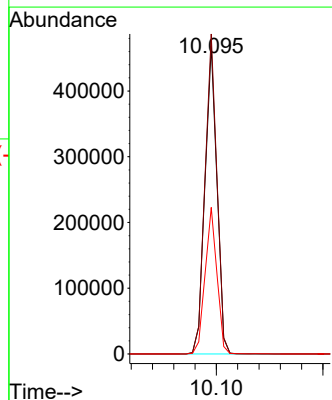
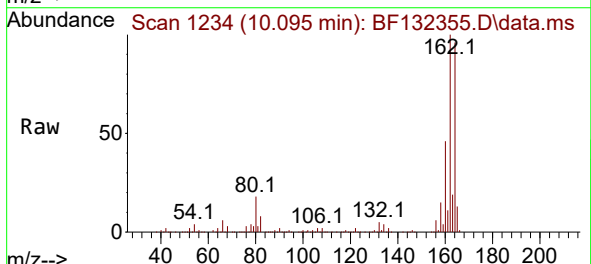
Instrument :
BNA_F
ClientSampleId :
PB150729BL

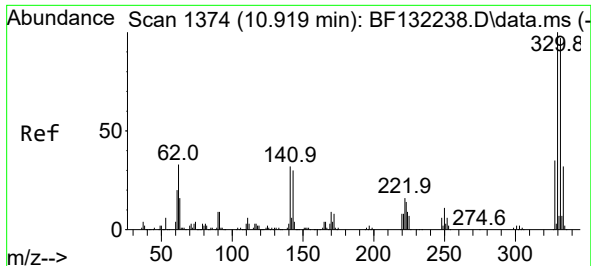
Tgt Ion: 82 Resp: 931972
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

Tgt Ion:164 Resp: 368693
Ion Ratio Lower Upper
164 100
162 103.9 82.0 123.0
160 47.6 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 143.399 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132355.D

Acq: 08 Feb 2023 13:13

Instrument :

BNA_F

ClientSampleId :

PB150729BL

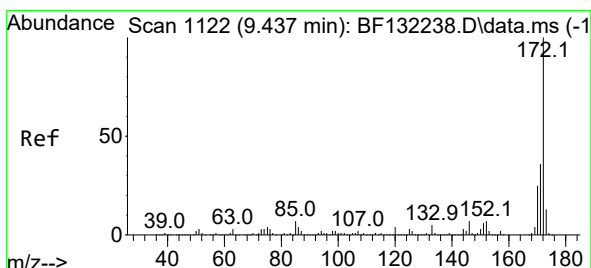
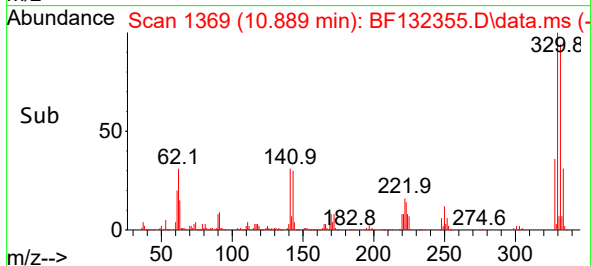
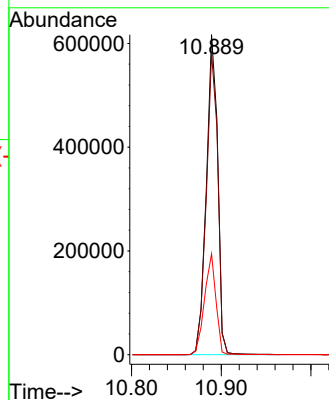
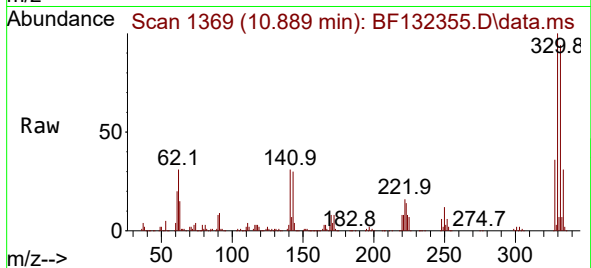
Tgt Ion:330 Resp: 543696

Ion Ratio Lower Upper

330 100

332 95.6 77.9 116.9

141 31.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 74.625 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BF132355.D

Acq: 08 Feb 2023 13:13

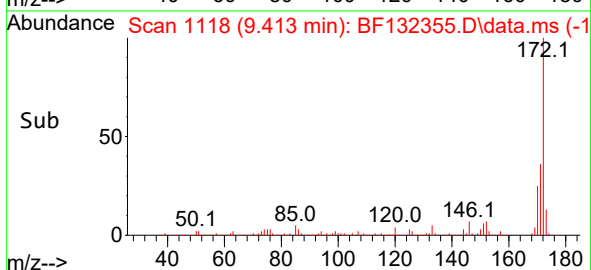
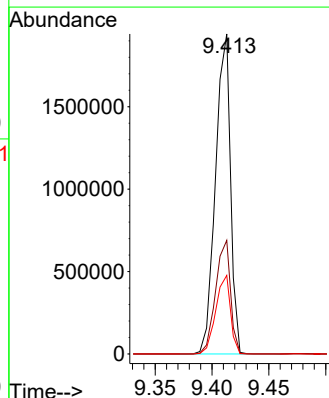
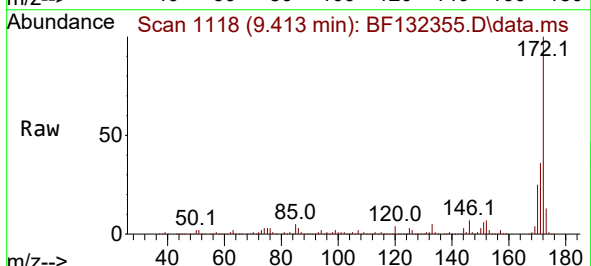
Tgt Ion:172 Resp: 1781687

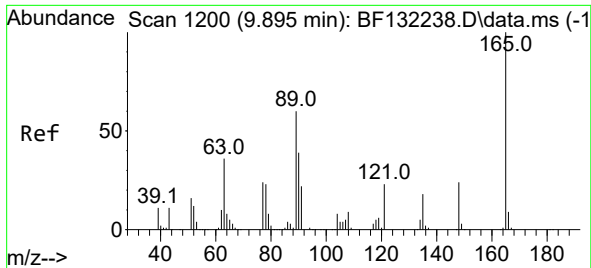
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.6 19.7 29.5

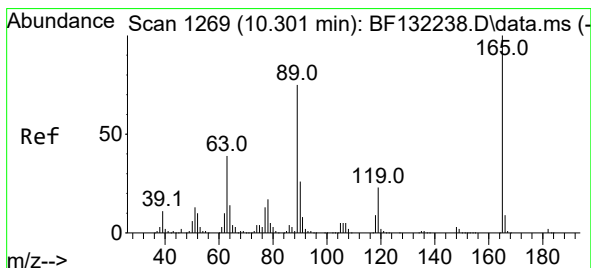
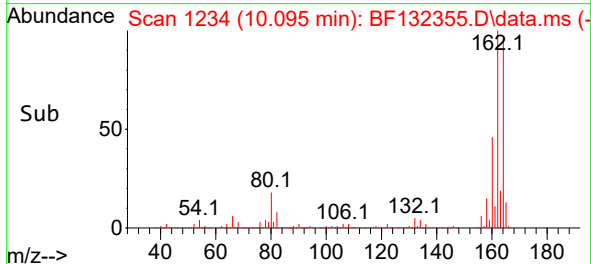
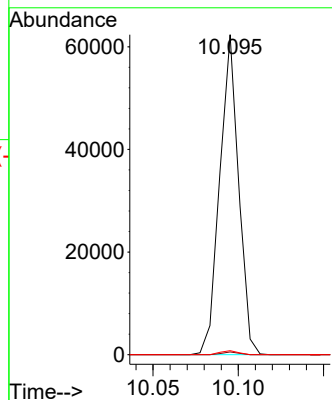
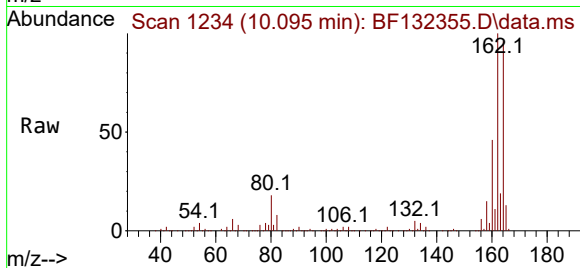




#51
2,6-Dinitrotoluene
Concen: 8.353 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

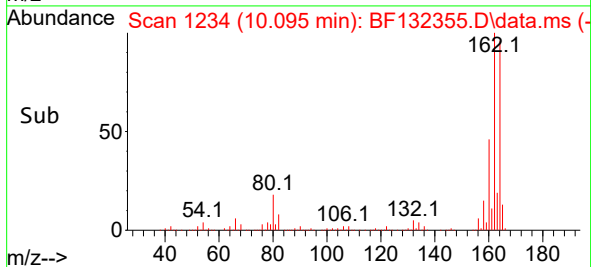
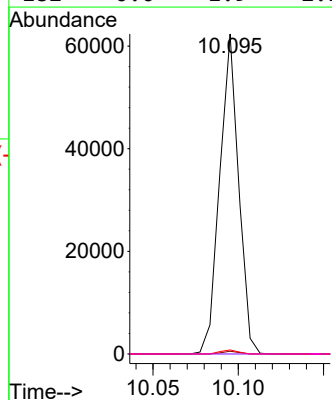
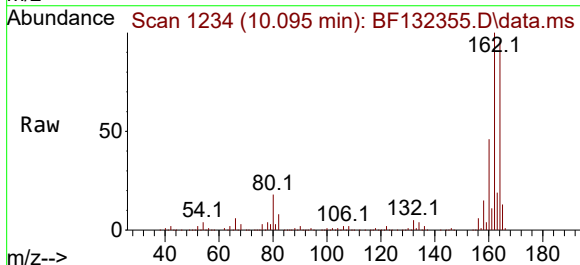
Instrument :
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ClientSampleId :
PB150729BL

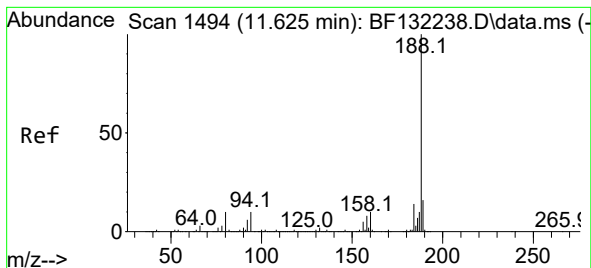
Tgt Ion:165 Resp: 48112
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.430 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

Tgt Ion:165 Resp: 48112
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.3 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: BF132355.D

Acq: 08 Feb 2023 13:13

Instrument :

BNA_F

ClientSampleId :

PB150729BL

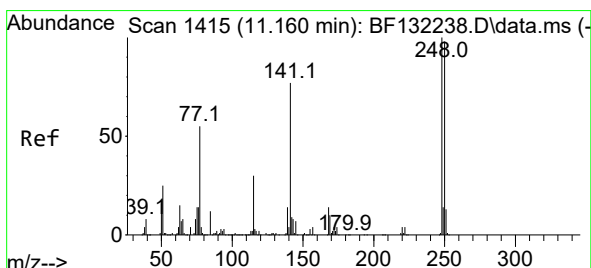
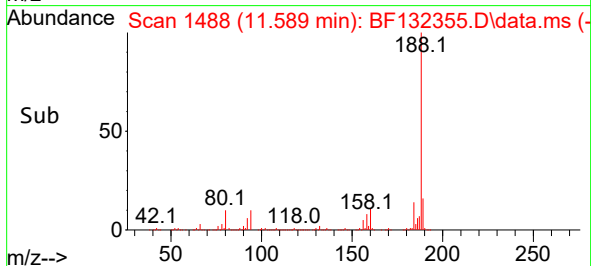
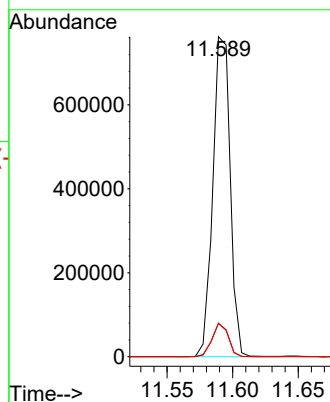
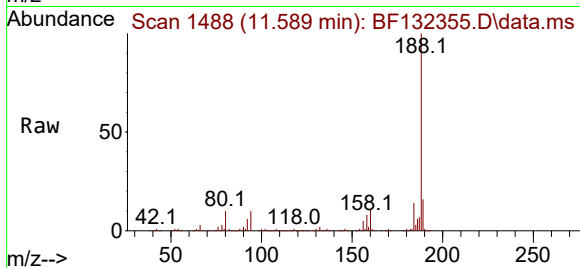
Tgt Ion:188 Resp: 703236

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

80 10.4 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.296 ng

RT: 10.889 min Scan# 1369

Delta R.T. -0.241 min

Lab File: BF132355.D

Acq: 08 Feb 2023 13:13

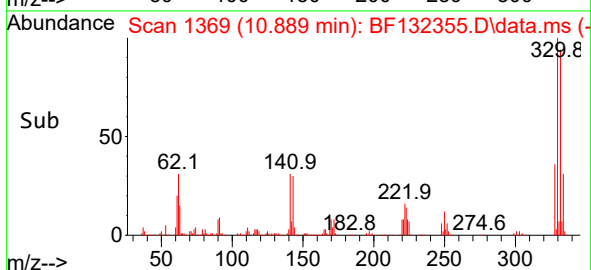
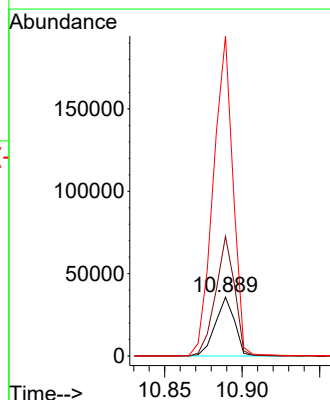
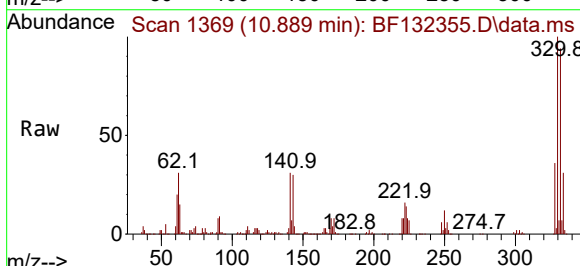
Tgt Ion:248 Resp: 30934

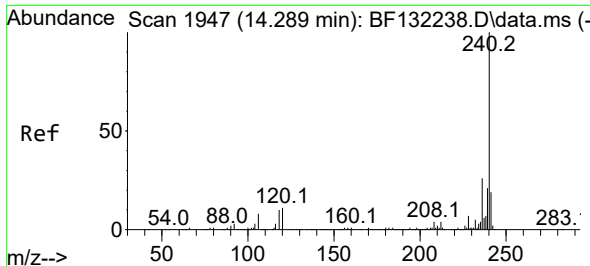
Ion Ratio Lower Upper

248 100

250 203.6 78.6 117.8#

141 544.6 61.6 92.4#

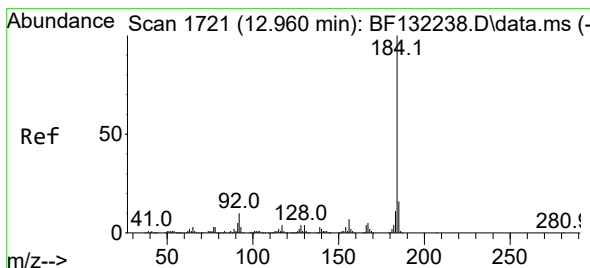
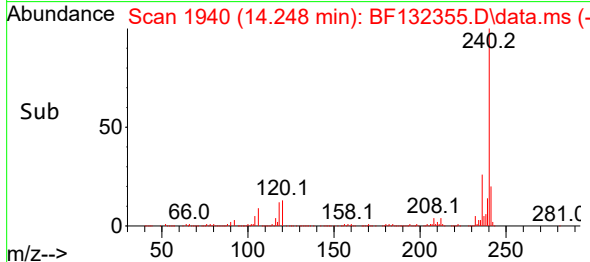
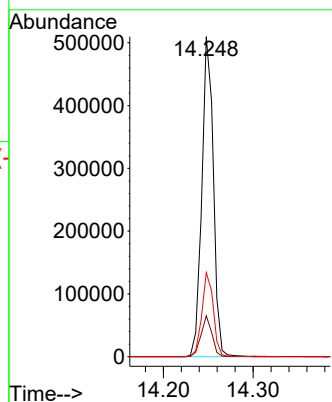
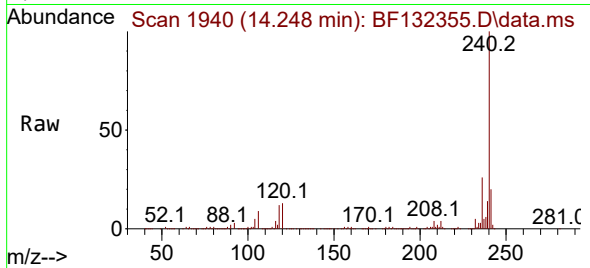




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

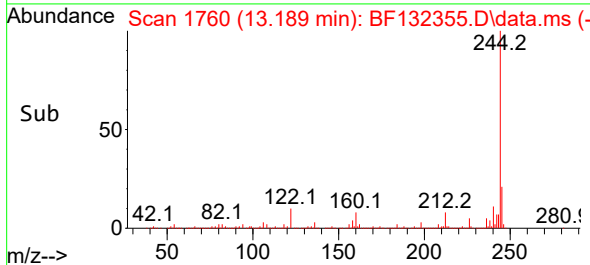
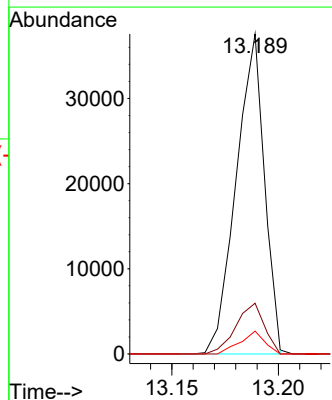
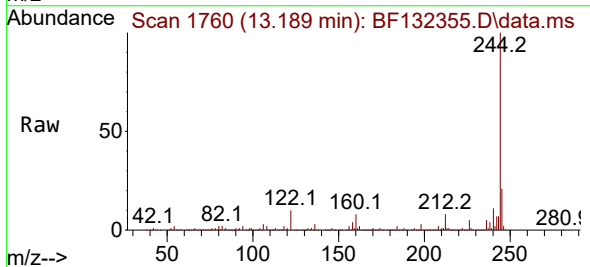
Instrument :
BNA_F
ClientSampleId :
PB150729BL

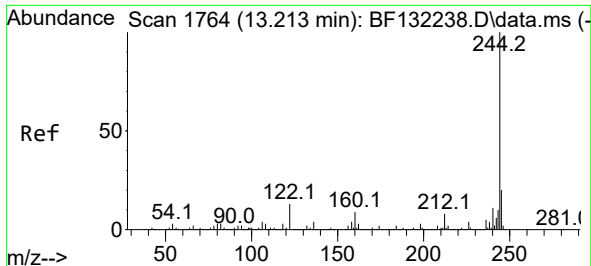
Tgt Ion:240 Resp: 454977
Ion Ratio Lower Upper
240 100
120 12.8 8.8 13.2
236 26.2 21.0 31.6



#77
Benzidine
Concen: 2.175 ng
RT: 13.189 min Scan# 1760
Delta R.T. 0.259 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

Tgt Ion:184 Resp: 34602
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 7.2 8.9 13.3#

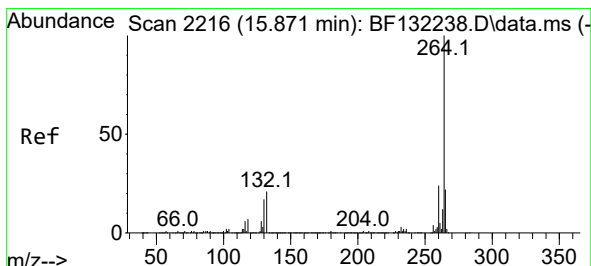
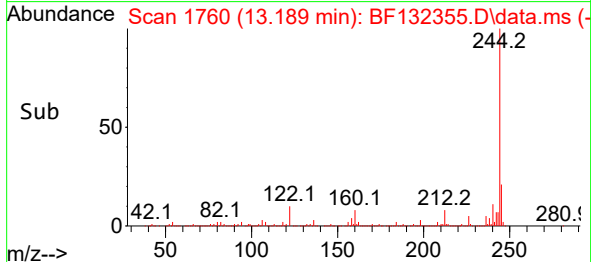
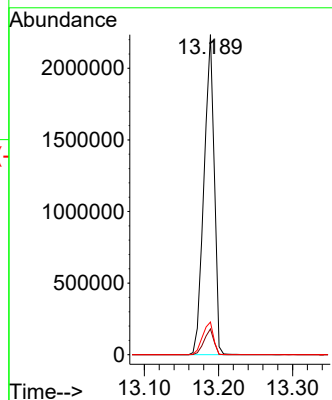
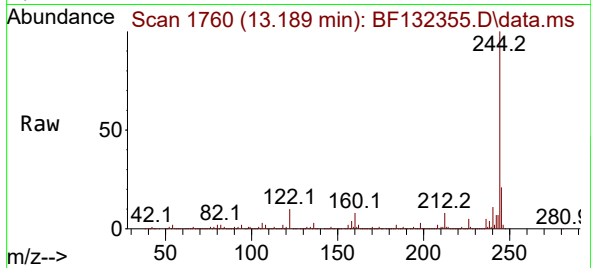




#79
Terphenyl-d14
Concen: 91.608 ng
RT: 13.189 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132355.D
Acq: 08 Feb 2023 13:13

Instrument :
BNA_F
ClientSampleId :
PB150729BL

Tgt Ion:244 Resp: 2154649
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 10.2 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: BF132355.D
Acq: 08 Feb 2023 13:13

Tgt Ion:264 Resp: 369947
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.8 17.4 26.2

