

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132316.D
 Acq On : 03 Feb 2023 11:15
 Operator : CG\JU
 Sample : PB150645BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150645BL

Quant Time: Feb 04 01:35:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

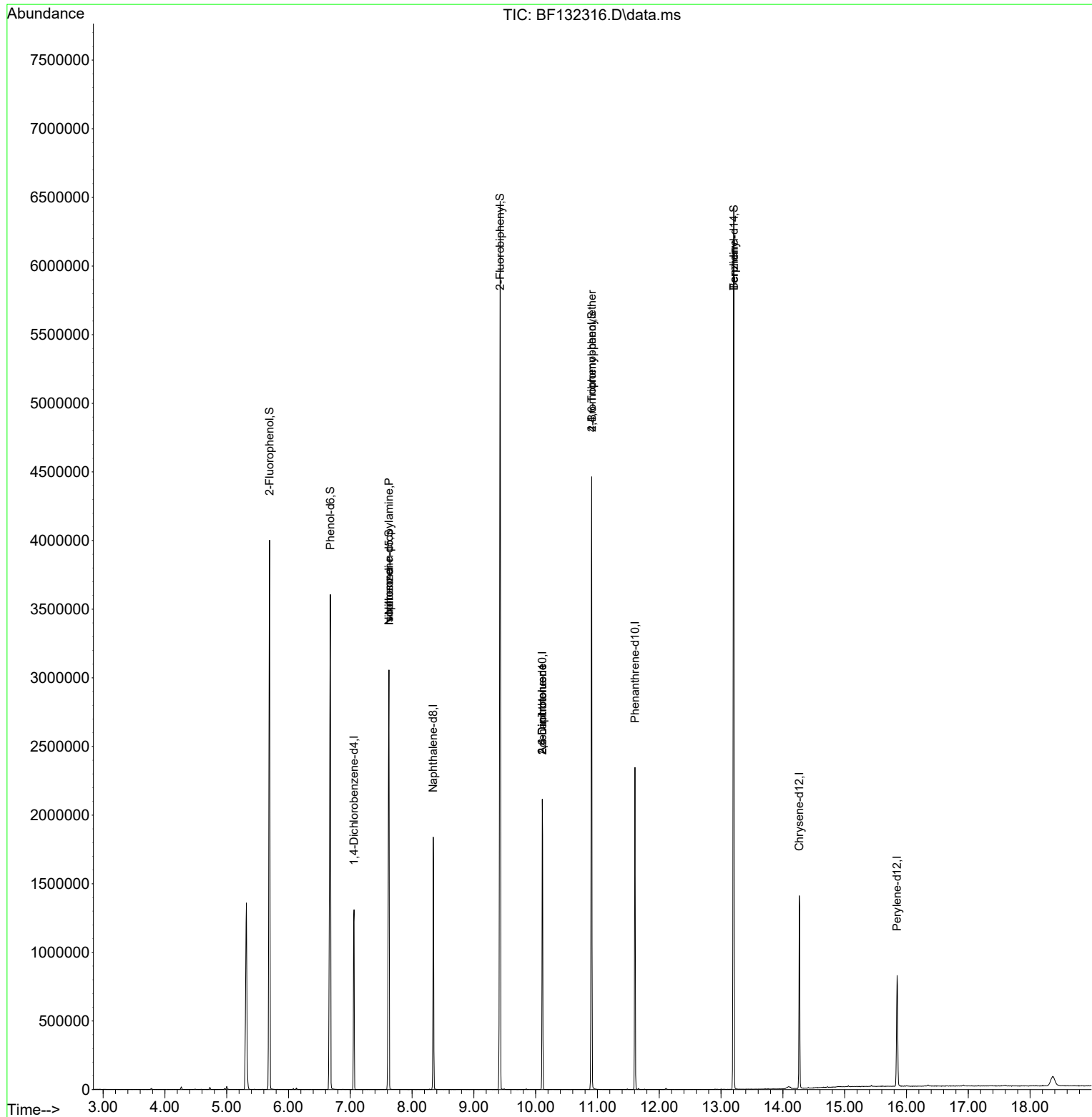
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	214670	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	843658	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	436135	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	805288	20.000	ng	0.00
76) Chrysene-d12	14.266	240	485614	20.000	ng	# 0.00
86) Perylene-d12	15.848	264	383877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1534370	114.890	ng	0.02
7) Phenol-d6	6.678	99	1889331	114.748	ng	0.00
23) Nitrobenzene-d5	7.625	82	1162235	76.660	ng	0.00
42) 2,4,6-Tribromophenol	10.907	330	626935	139.783	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	2086646	73.883	ng	0.00
79) Terphenyl-d14	13.207	244	2378231	94.735	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.678	77	2631	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.625	70	144695	15.471	ng	# 76
25) Isophorone	7.625	82	1159589	40.298	ng	# 64
51) 2,6-Dinitrotoluene	10.107	165	56390	8.276	ng	# 25
57) 2,4-Dinitrotoluene	10.107	165	56390	6.371	ng	# 23
67) 4-Bromophenyl-phenylether	10.907	248	35637	4.322	ng	# 1
77) Benizidine	13.207	184	38200	2.250	ng	# 94

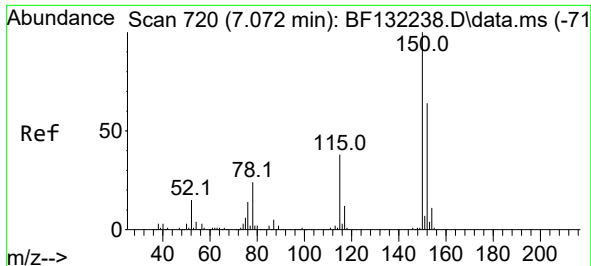
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 04 01:35:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 04 01:32:42 2023
Response via : Initial Calibration

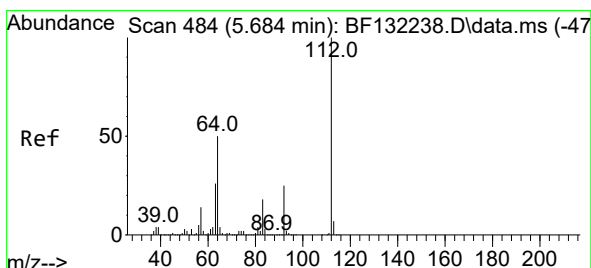
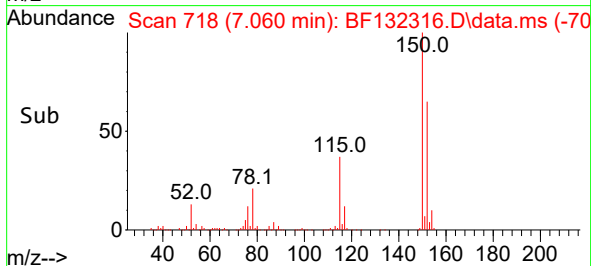
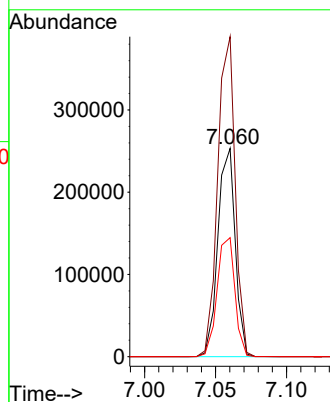
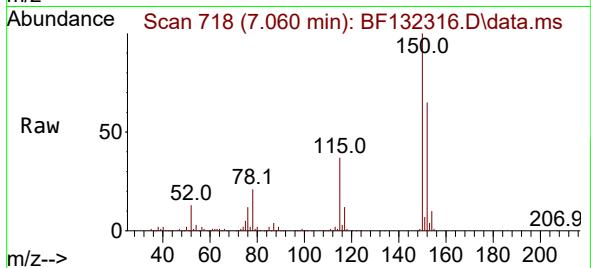




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

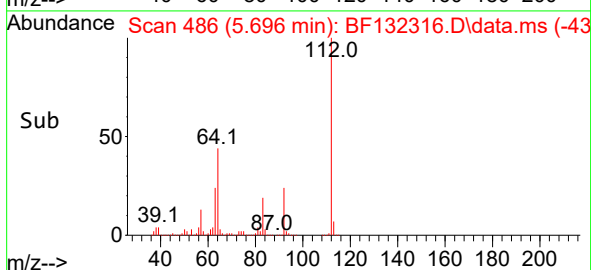
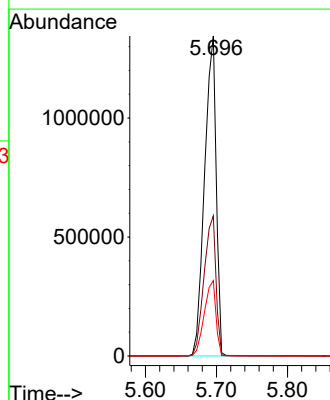
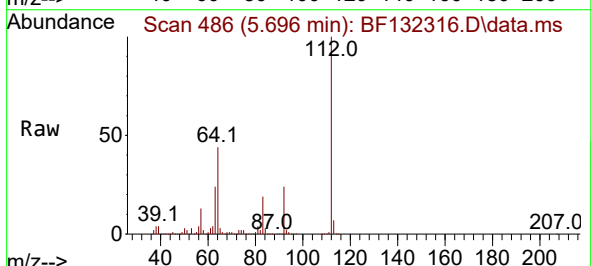
Instrument :
BNA_F
ClientSampleId :
PB150645BL

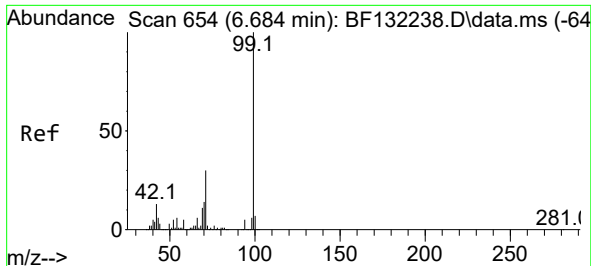
Tgt Ion:152 Resp: 214670
Ion Ratio Lower Upper
152 100
150 153.7 124.2 186.2
115 57.2 47.3 70.9



#5
2-Fluorophenol
Concen: 114.890 ng
RT: 5.696 min Scan# 486
Delta R.T. 0.018 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

Tgt Ion:112 Resp: 1534370
Ion Ratio Lower Upper
112 100
64 43.8 40.0 60.0
63 23.5 20.5 30.7

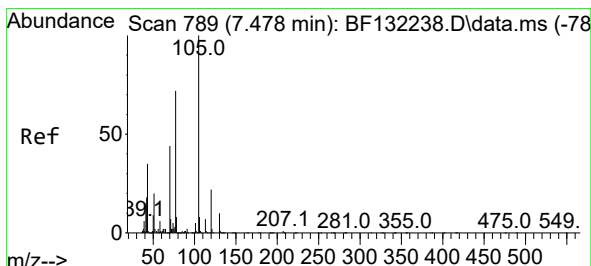
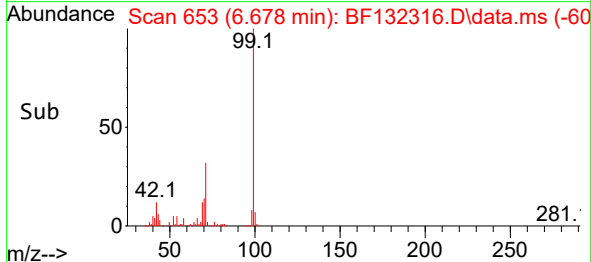
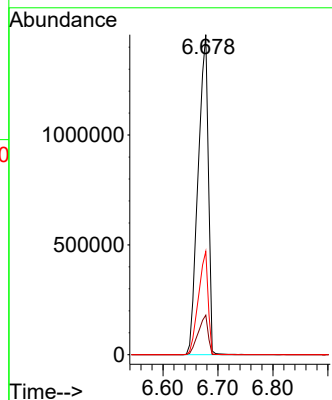
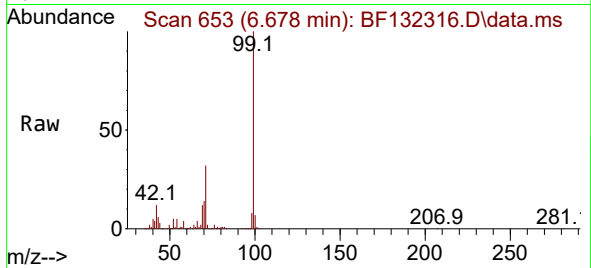




#7
Phenol-d6
Concen: 114.748 ng
RT: 6.678 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

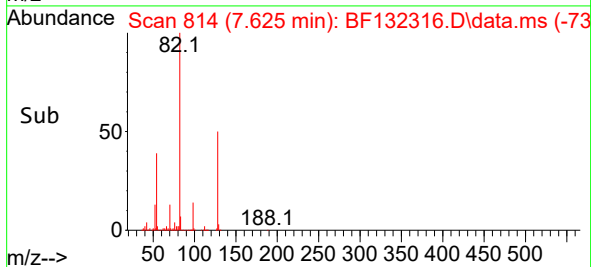
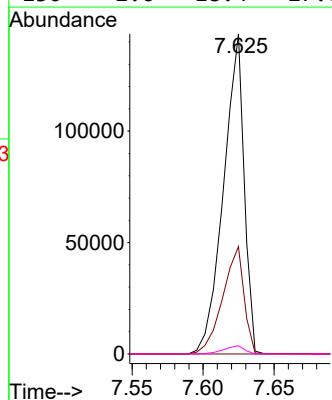
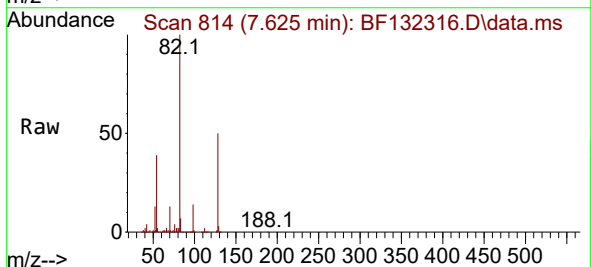
Instrument :
BNA_F
ClientSampleId :
PB150645BL

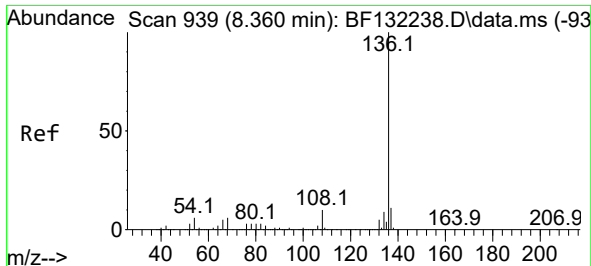
Tgt Ion: 99 Resp: 1889331
Ion Ratio Lower Upper
99 100
42 12.3 10.1 15.1
71 32.2 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.471 ng
RT: 7.625 min Scan# 814
Delta R.T. 0.153 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

Tgt Ion: 70 Resp: 144695
Ion Ratio Lower Upper
70 100
42 33.6 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: 8.342 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132316.D

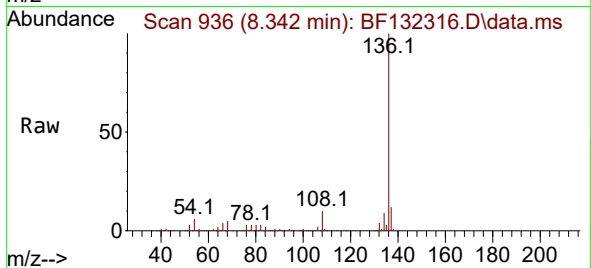
Acq: 03 Feb 2023 11:15

Instrument :

BNA_F

ClientSampleId :

PB150645BL



Tgt Ion:136 Resp: 843658

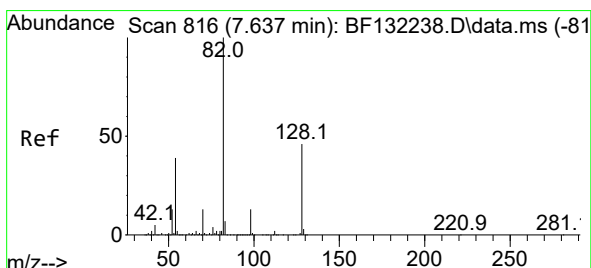
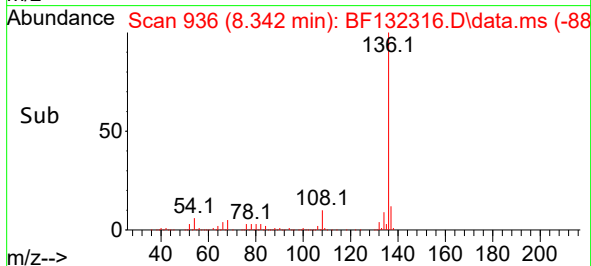
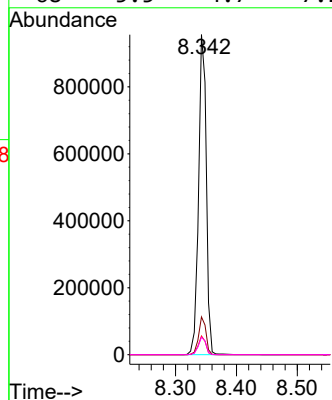
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 5.8 4.9 7.3

68 5.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 76.660 ng

RT: 7.625 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF132316.D

Acq: 03 Feb 2023 11:15

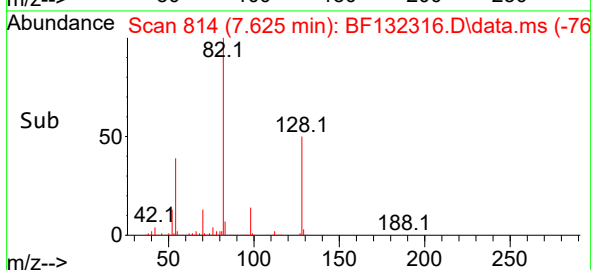
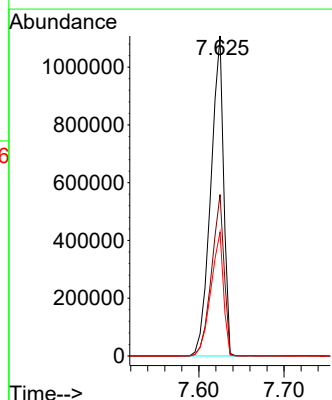
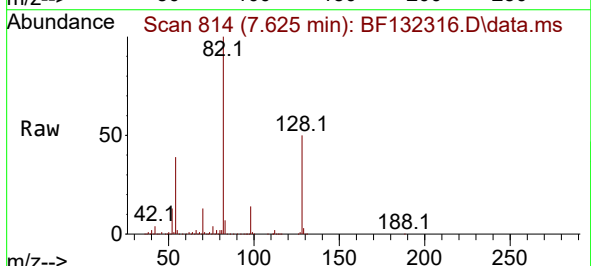
Tgt Ion: 82 Resp: 1162235

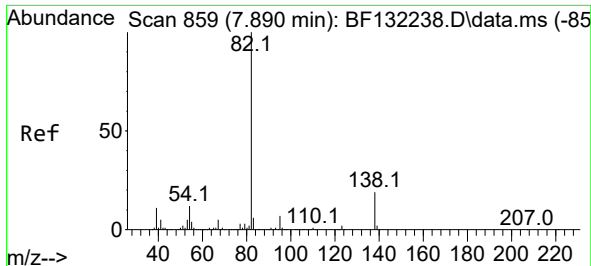
Ion Ratio Lower Upper

82 100

128 50.5 37.0 55.4

54 38.7 31.5 47.3

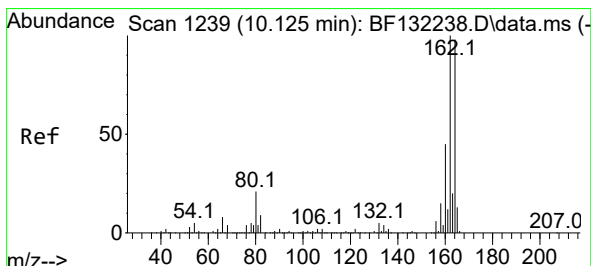
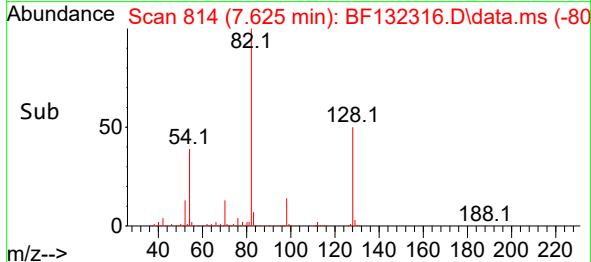
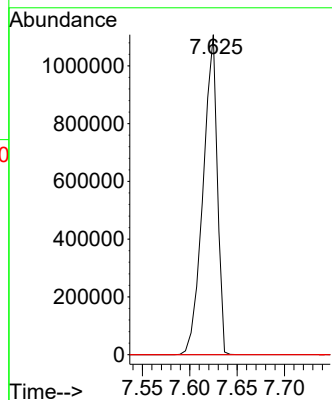
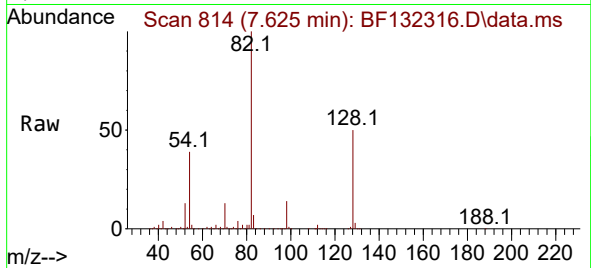




#25
Isophorone
Concen: 40.298 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

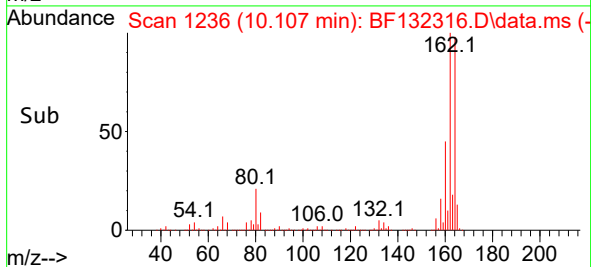
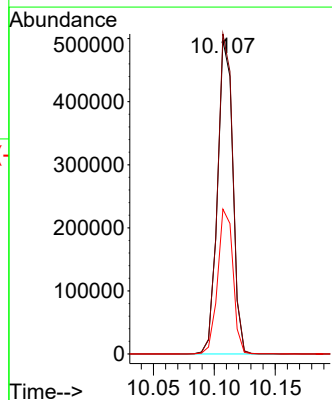
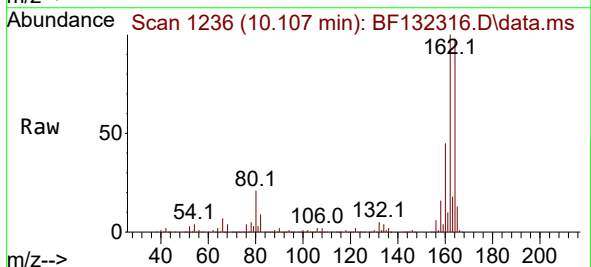
Instrument :
BNA_F
ClientSampleId :
PB150645BL

Tgt Ion: 82 Resp: 1159589
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: 10.107 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

Tgt Ion:164 Resp: 436135
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 46.2 37.1 55.7

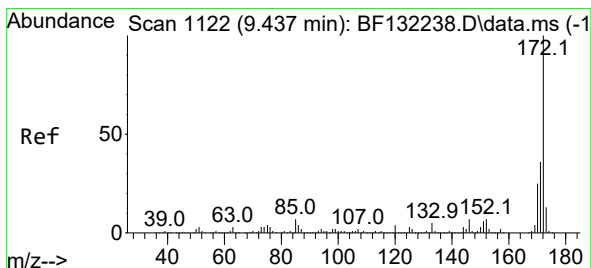
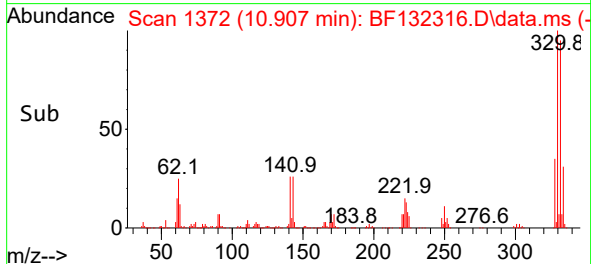
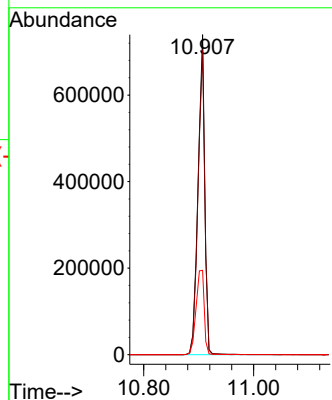
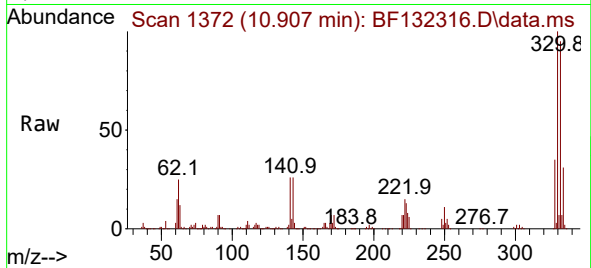




#42
2,4,6-Tribromophenol
Concen: 139.783 ng
RT: 10.907 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

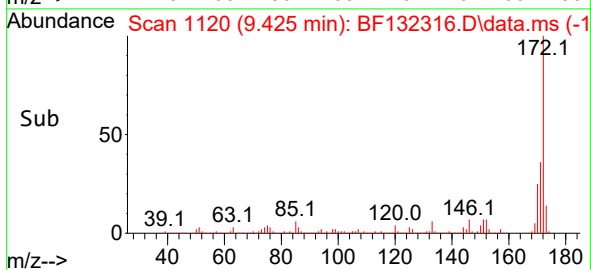
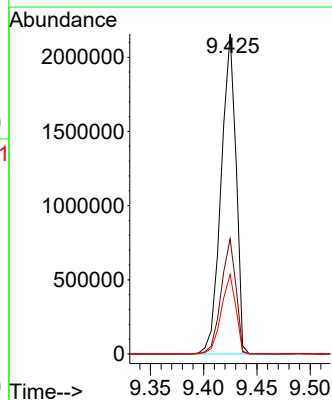
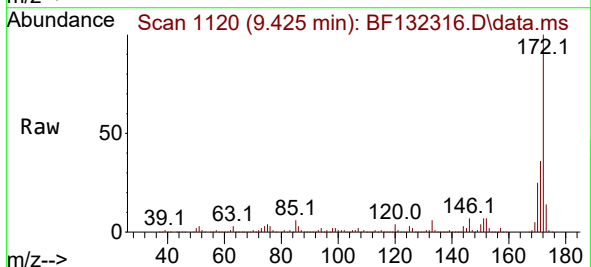
Instrument :
BNA_F
ClientSampleId :
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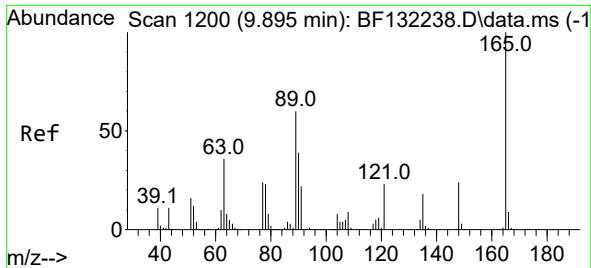
Tgt Ion:330 Resp: 626935
Ion Ratio Lower Upper
330 100
332 96.2 77.9 116.9
141 32.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 73.883 ng
RT: 9.425 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

Tgt Ion:172 Resp: 2086646
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.8 19.7 29.5

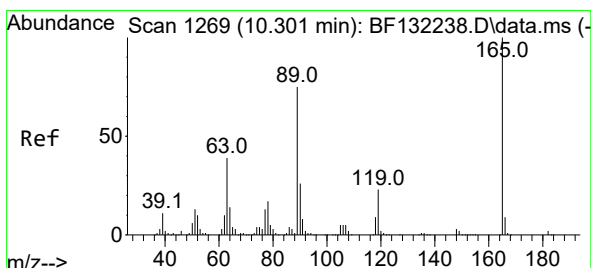
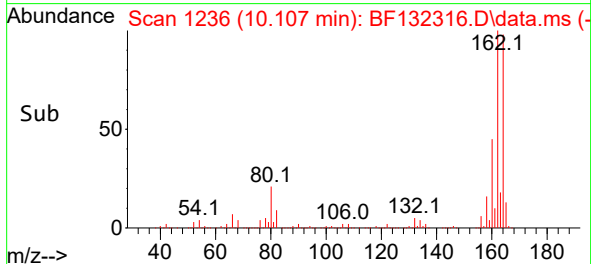
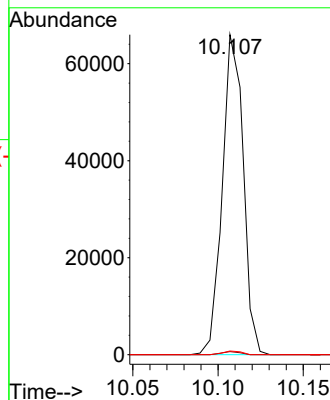
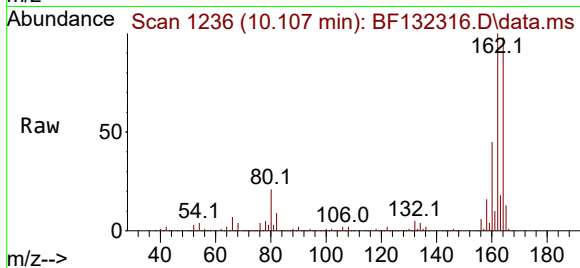




#51
2,6-Dinitrotoluene
Concen: 8.276 ng
RT: 10.107 min Scan# 1236
Delta R.T. 0.218 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

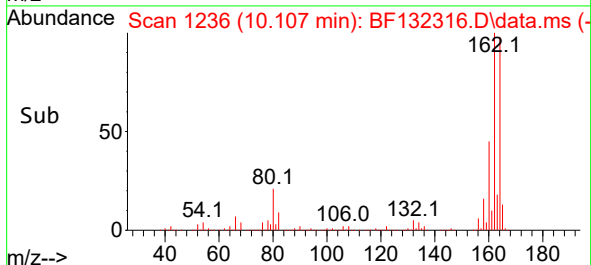
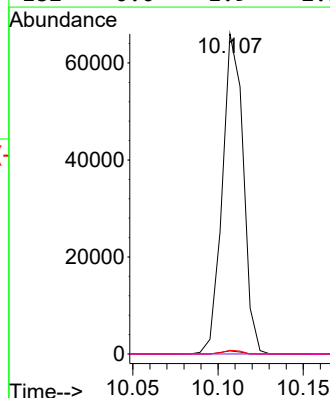
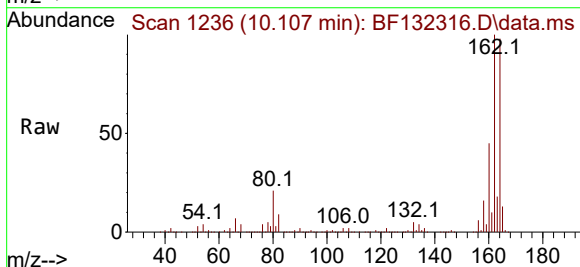
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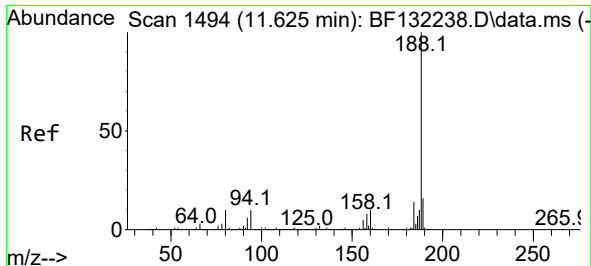
Tgt Ion:165 Resp: 56390
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.371 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.188 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

Tgt Ion:165 Resp: 56390
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.1 60.1 90.1#
182 0.0 1.9 2.9#

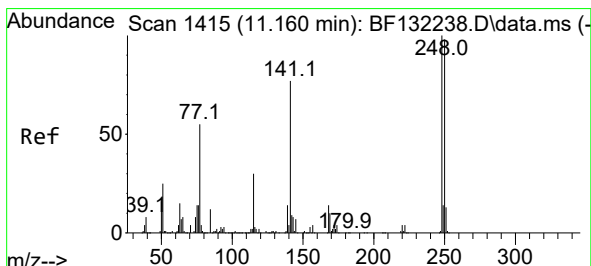
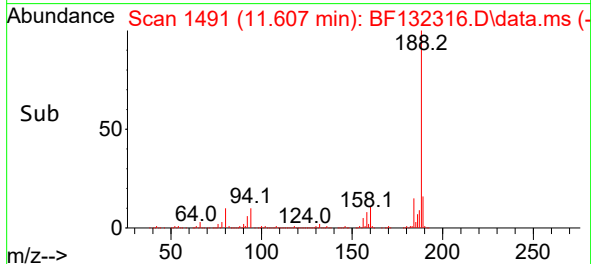
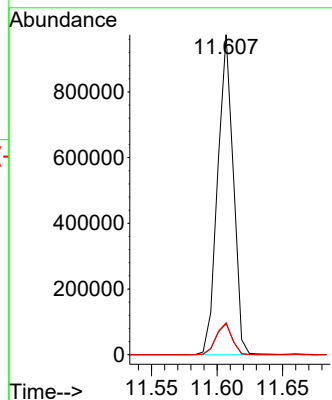
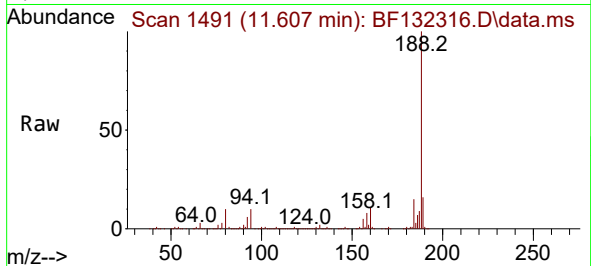




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

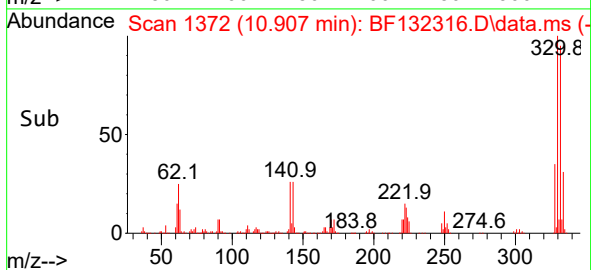
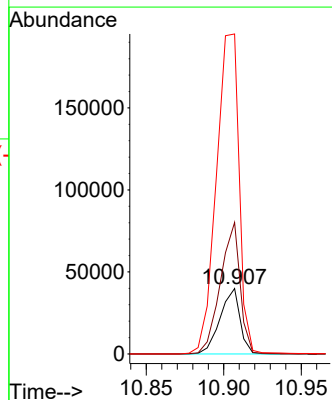
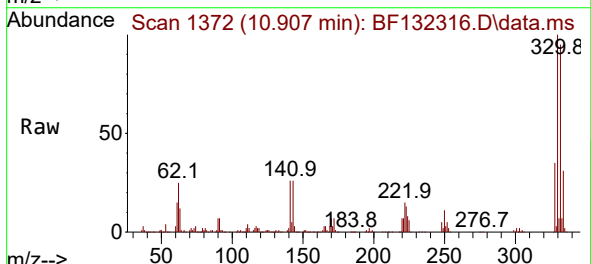
Instrument :
BNA_F
ClientSampleId :
PB150645BL

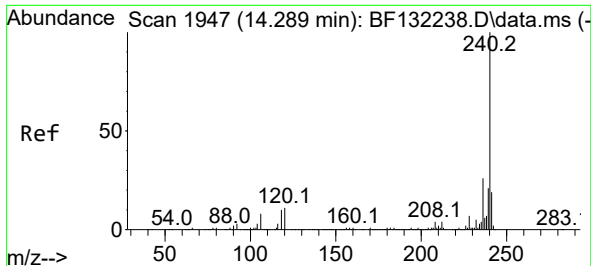
Tgt Ion:188 Resp: 805288
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.0 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.322 ng
RT: 10.907 min Scan# 1372
Delta R.T. -0.241 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

Tgt Ion:248 Resp: 35637
Ion Ratio Lower Upper
248 100
250 201.2 78.6 117.8#
141 489.2 61.6 92.4#

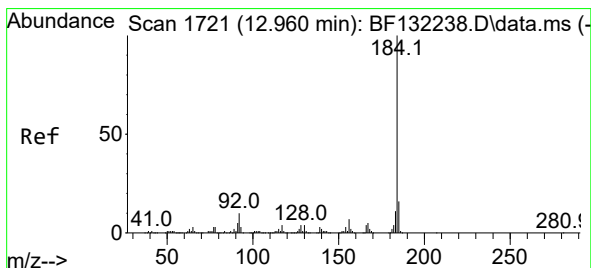
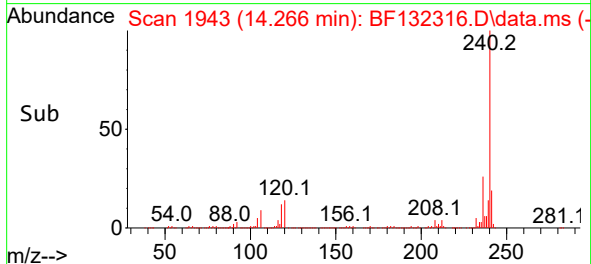
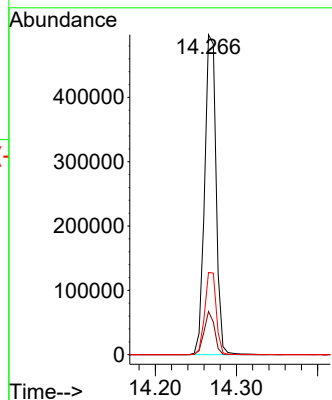
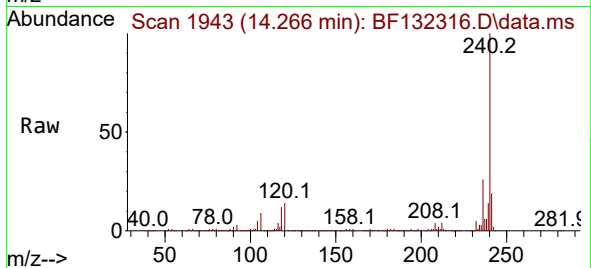




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.266 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

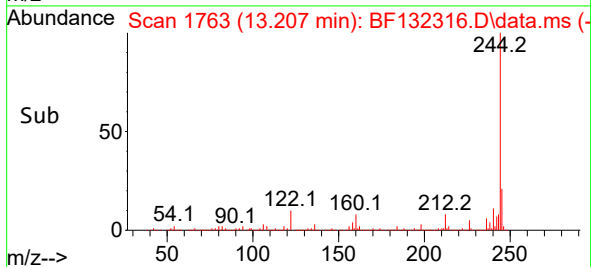
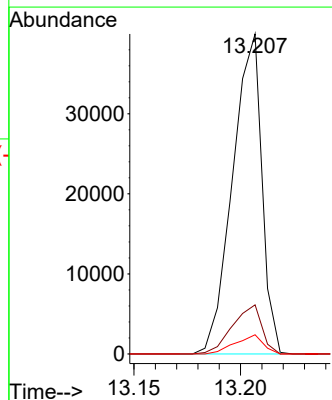
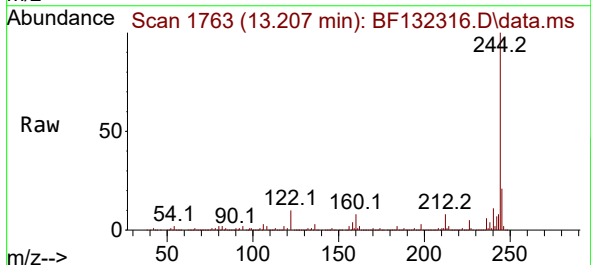
Instrument :
BNA_F
ClientSampleId :
PB150645BL

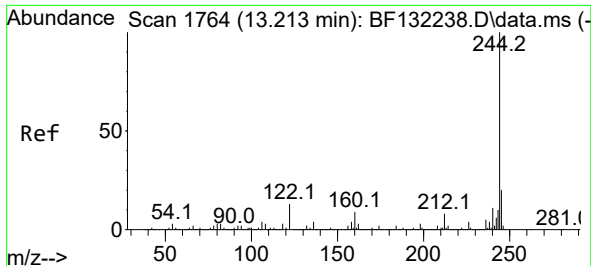
Tgt Ion:240 Resp: 485614
Ion Ratio Lower Upper
240 100
120 13.5 8.8 13.2#
236 25.7 21.0 31.6



#77
Benzidine
Concen: 2.250 ng
RT: 13.207 min Scan# 1763
Delta R.T. 0.259 min
Lab File: BF132316.D
Acq: 03 Feb 2023 11:15

Tgt Ion:184 Resp: 38200
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 6.0 8.9 13.3#

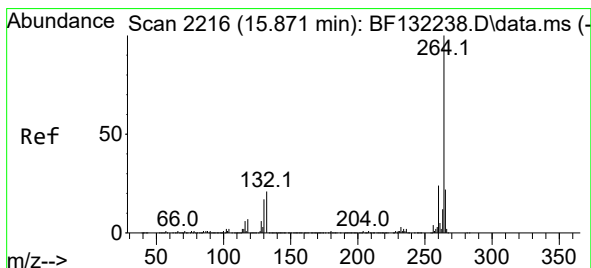
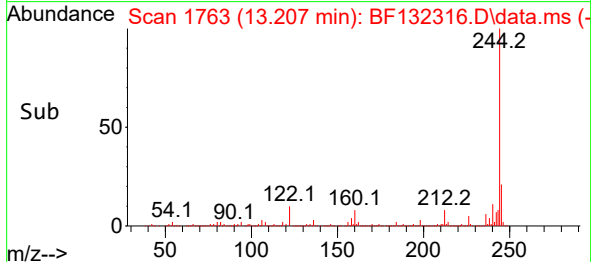
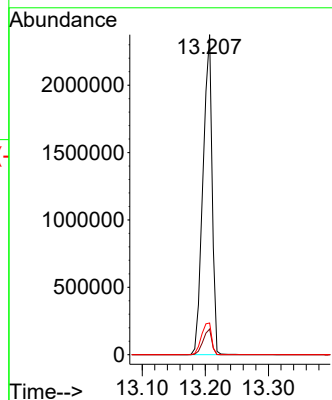
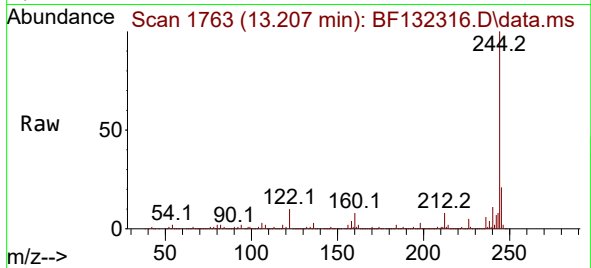




#79
 Terphenyl-d14
 Concen: 94.735 ng
 RT: 13.207 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132316.D
 Acq: 03 Feb 2023 11:15

Instrument :
 BNA_F
 ClientSampleId :
 PB150645BL

Tgt Ion:244 Resp: 2378231
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 9.9 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.848 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF132316.D
 Acq: 03 Feb 2023 11:15

Tgt Ion:264 Resp: 383877
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.2 17.4 26.2

