

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132343.D
 Acq On : 07 Feb 2023 14:23
 Operator : CG\JU
 Sample : 01442-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02

Quant Time: Feb 08 03:57:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

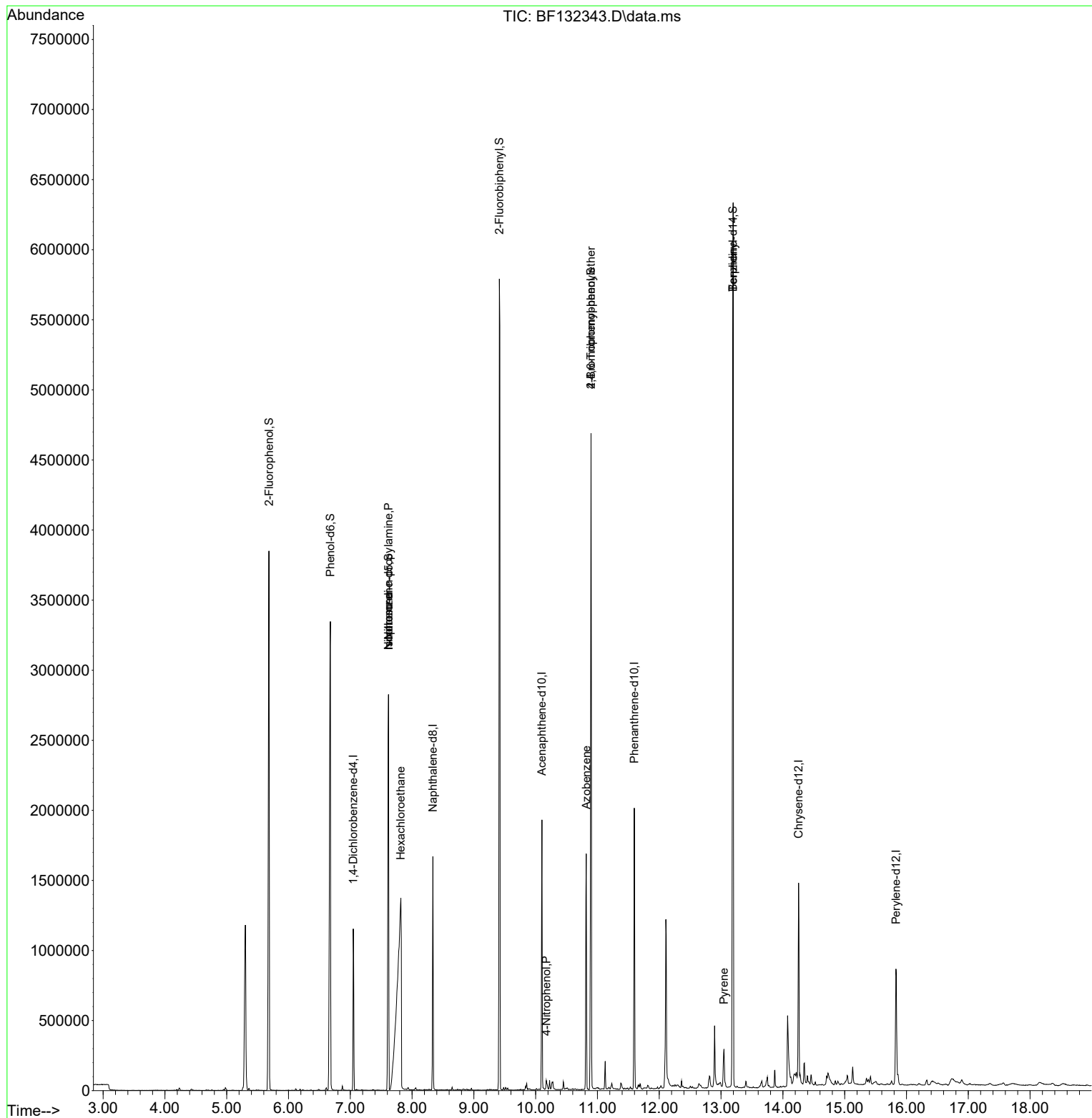
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	180864	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	675064	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	360304	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	706458	20.000	ng	0.00
76) Chrysene-d12	14.254	240	462149	20.000	ng	-0.01
86) Perylene-d12	15.830	264	393986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1446038	128.514	ng	0.02
7) Phenol-d6	6.678	99	1741627	125.549	ng	0.00
23) Nitrobenzene-d5	7.619	82	1049365	86.502	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	668402	180.394	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1901503	81.498	ng	0.00
79) Terphenyl-d14	13.195	244	2363783	98.940	ng	0.00
Target Compounds						
9) Benzaldehyde	6.595	77	329	Below Cal		Qvalue 82
18) Hexachloroethane	7.813	117	15730	3.408 ng	#	5
19) n-Nitroso-di-n-propyla...	7.619	70	129859	16.480 ng	#	75
25) Isophorone	7.619	82	1049351	45.574 ng	#	64
56) 4-Nitrophenol	10.172	139	17349	3.377 ng		95
63) Azobenzene	10.819	77	268972	11.013 ng	#	1
67) 4-Bromophenyl-phenylether	10.895	248	36777	5.084 ng	#	1
77) Benzidine	13.195	184	37040	2.292 ng	#	87
78) Pyrene	13.048	202	156818	4.219 ng		98

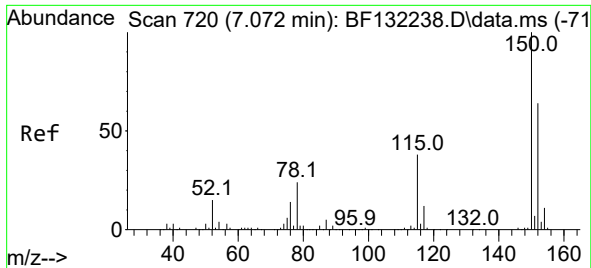
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
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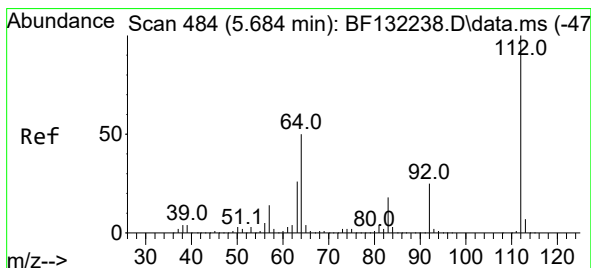
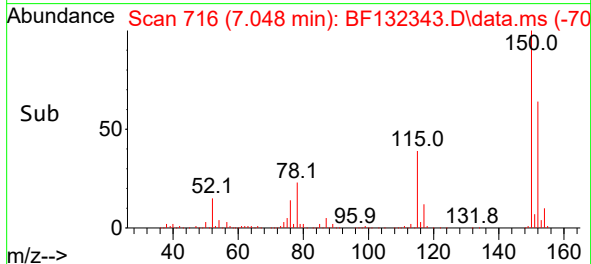
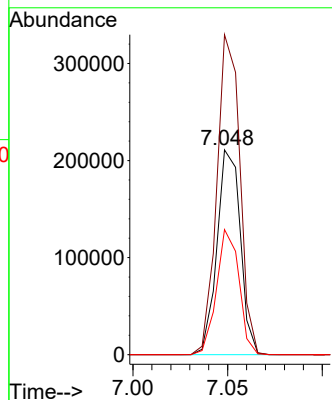
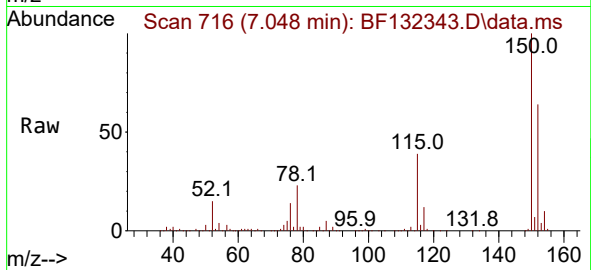




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132343.D
 Acq: 07 Feb 2023 14:23

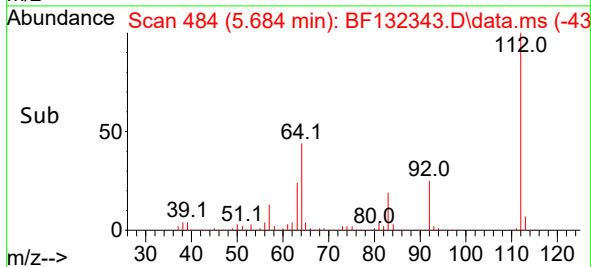
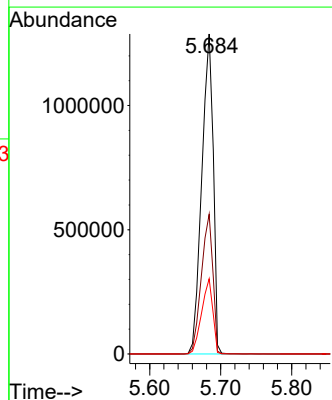
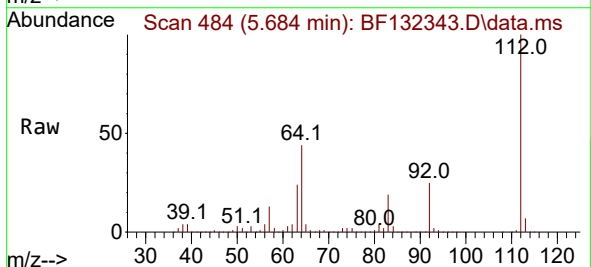
Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02

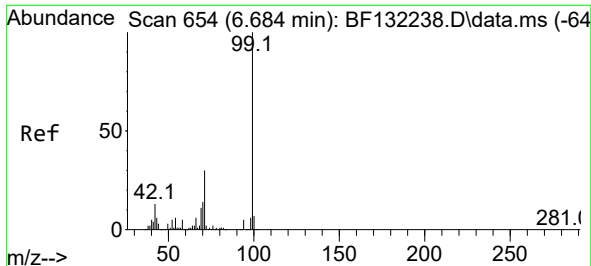
Tgt Ion:152 Resp: 180864
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.2 186.2
 115 61.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 128.514 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.018 min
 Lab File: BF132343.D
 Acq: 07 Feb 2023 14:23

Tgt Ion:112 Resp: 1446038
 Ion Ratio Lower Upper
 112 100
 64 43.7 40.0 60.0
 63 23.5 20.5 30.7



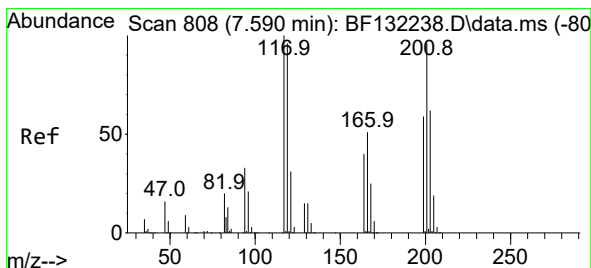
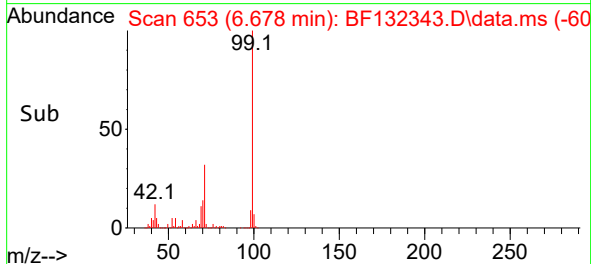
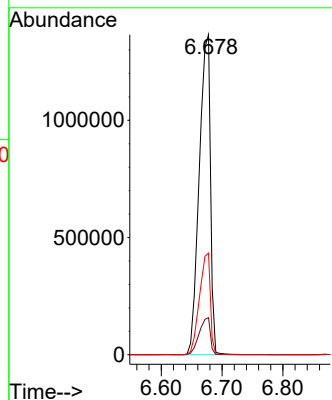
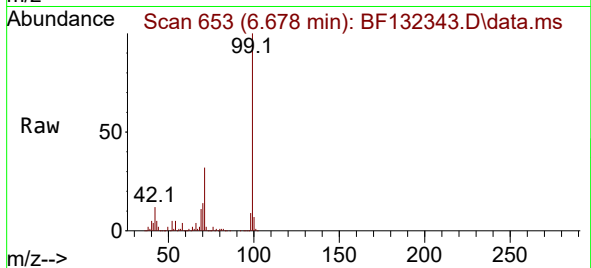


#7
Phenol-d6
Concen: 125.549 ng
RT: 6.678 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Instrument :
BNA_F
ClientSampleId :
B-01-SB02

Tgt Ion: 99 Resp: 1741627

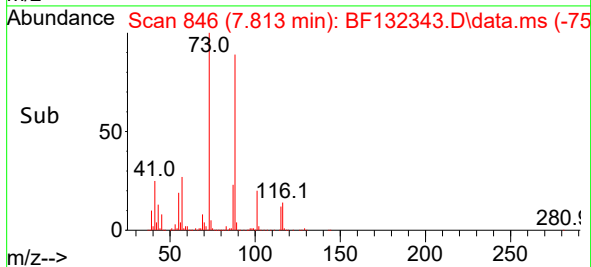
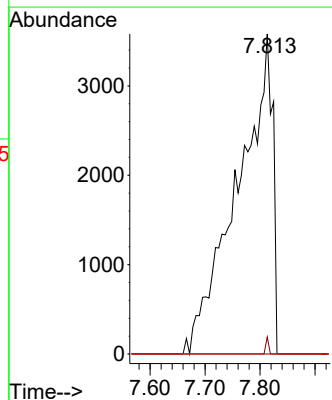
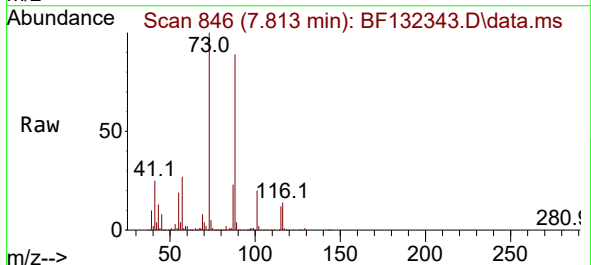
Ion	Ratio	Lower	Upper
99	100		
42	11.6	10.1	15.1
71	31.8	24.2	36.4

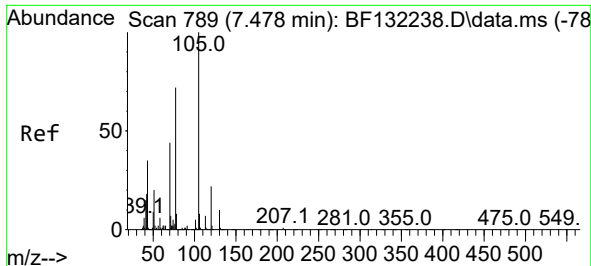


#18
Hexachloroethane
Concen: 3.408 ng
RT: 7.813 min Scan# 846
Delta R.T. 0.241 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Tgt Ion: 117 Resp: 15730

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.7	115.1#
201	0.0	76.6	114.8#

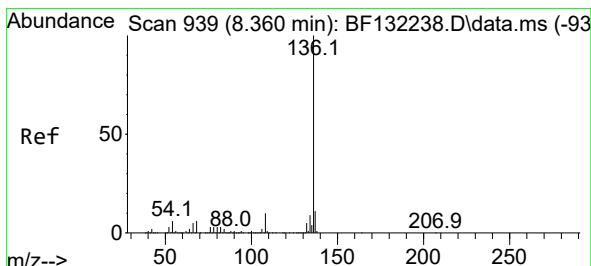
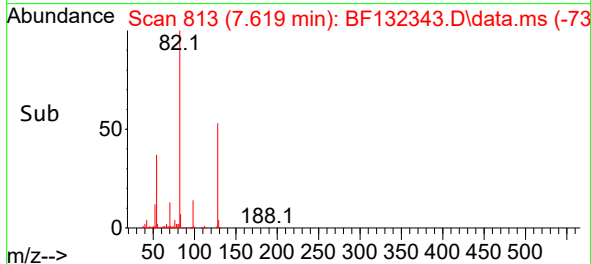
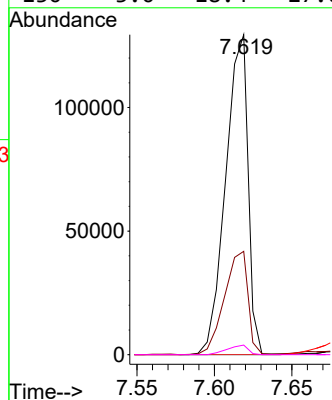
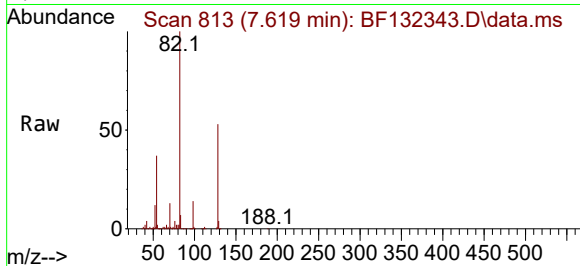




#19
n-Nitroso-di-n-propylamine
Concen: 16.480 ng
RT: 7.619 min Scan# 81
Delta R.T. 0.159 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

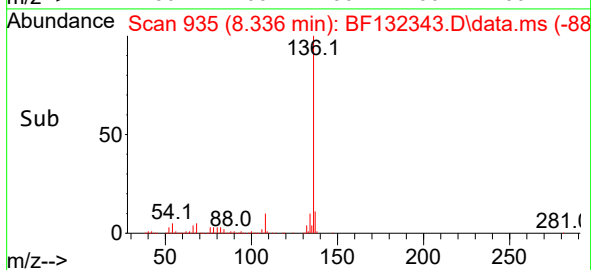
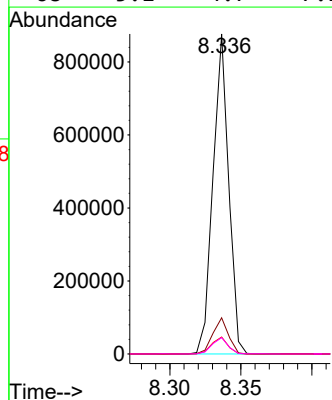
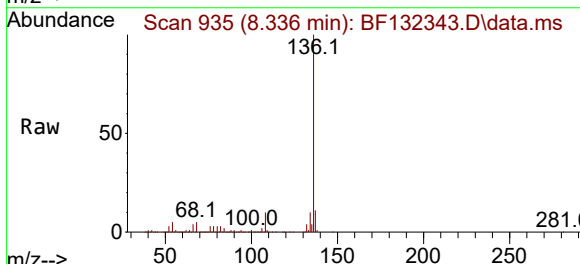
Instrument :
BNA_F
ClientSampleId :
B-01-SB02

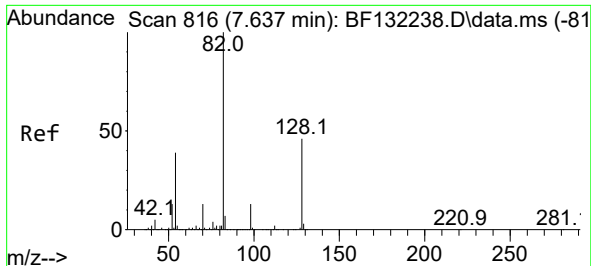
Tgt Ion: 70 Resp: 129859
Ion Ratio Lower Upper
70 100
42 32.3 33.4 50.0#
101 0.0 8.2 12.4#
130 3.0 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Tgt Ion:136 Resp: 675064
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.3 4.9 7.3
68 5.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 86.502 ng

RT: 7.619 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

Instrument :

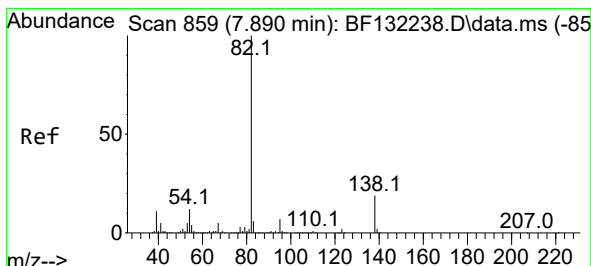
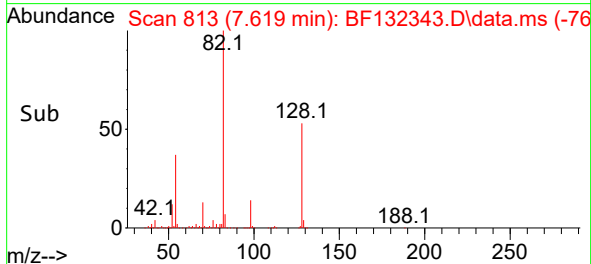
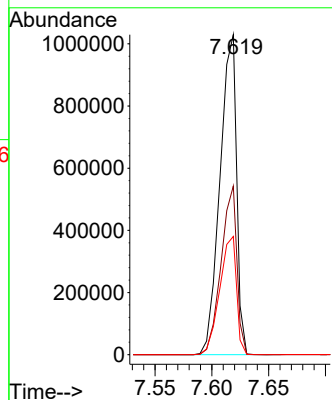
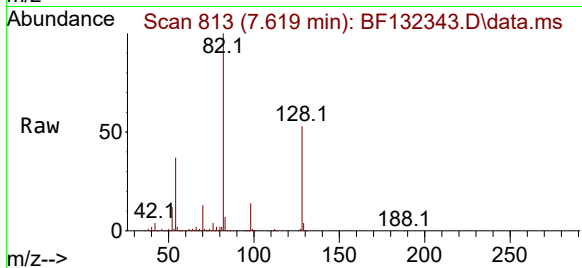
BNA_F

ClientSampleId :

B-01-SB02

Tgt Ion: 82 Resp: 1049365

Ion	Ratio	Lower	Upper
82	100		
128	52.7	37.0	55.4
54	37.0	31.5	47.3



#25

Isophorone

Concen: 45.574 ng

RT: 7.619 min Scan# 813

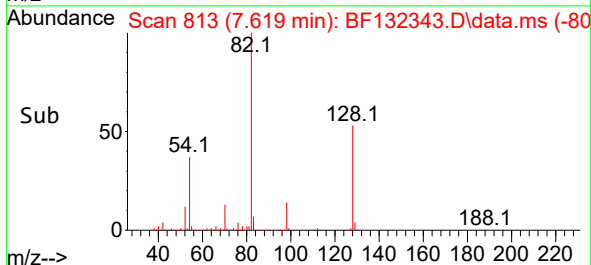
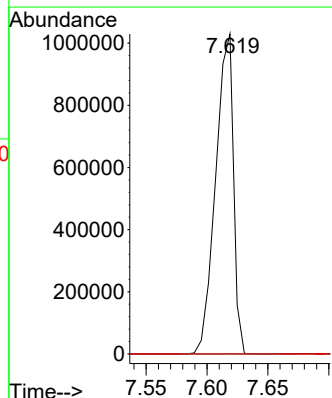
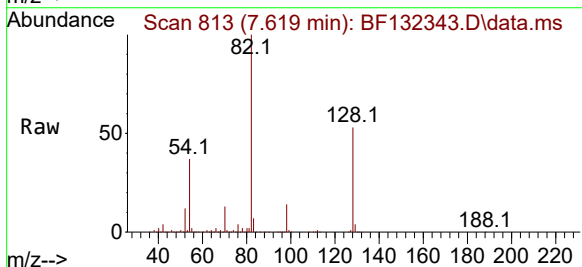
Delta R.T. -0.253 min

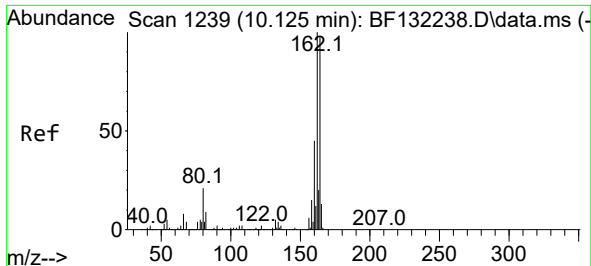
Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

Tgt Ion: 82 Resp: 1049351

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	15.0	22.6#

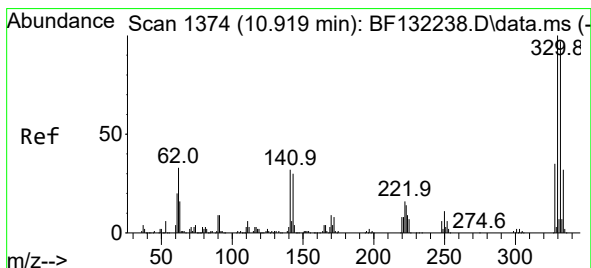
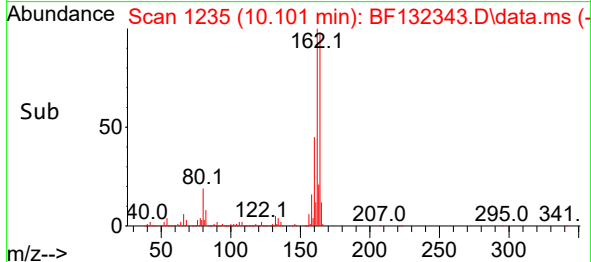
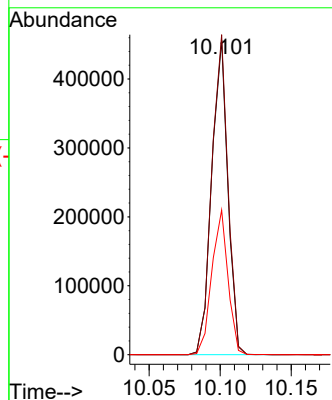
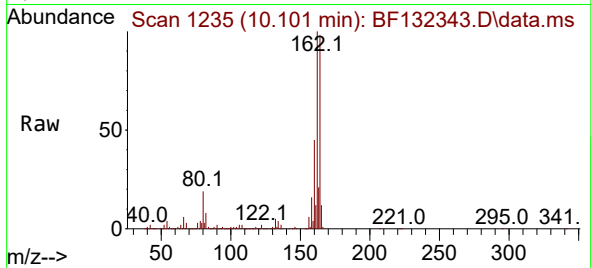




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

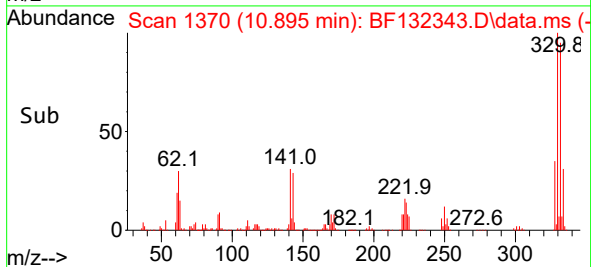
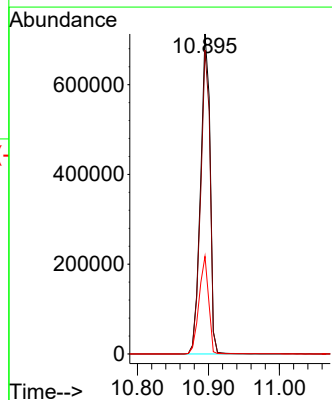
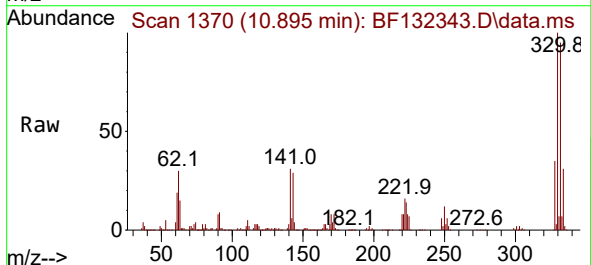
Instrument :
BNA_F
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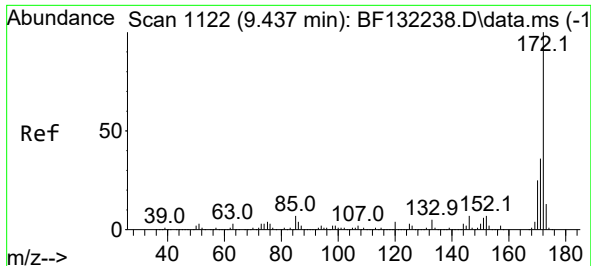
Tgt Ion:164 Resp: 360304
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 46.0 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 180.394 ng
RT: 10.895 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Tgt Ion:330 Resp: 668402
Ion Ratio Lower Upper
330 100
332 94.4 77.9 116.9
141 30.6 31.0 46.4#





#45

2-Fluorobiphenyl

Concen: 81.498 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

Instrument :

BNA_F

ClientSampleId :

B-01-SB02

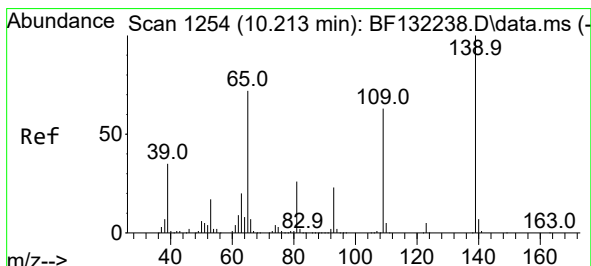
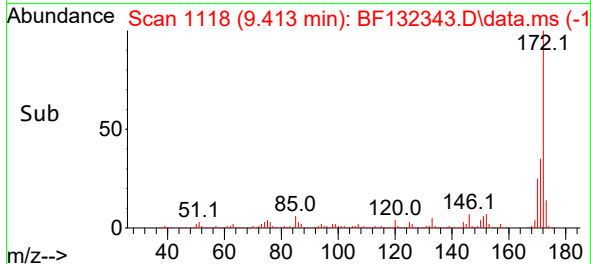
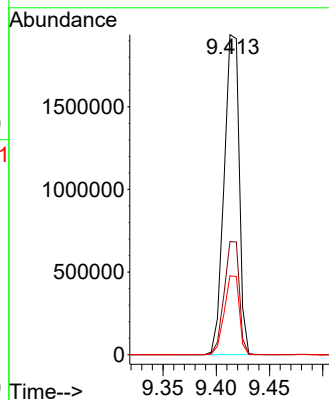
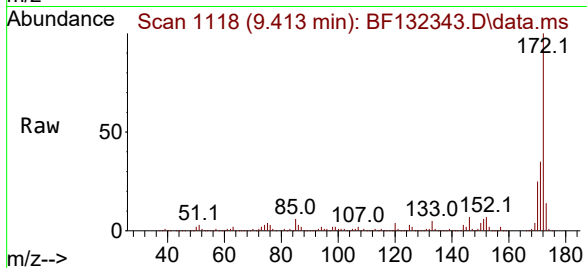
Tgt Ion:172 Resp: 1901503

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.7 19.7 29.5



#56

4-Nitrophenol

Concen: 3.377 ng

RT: 10.172 min Scan# 1247

Delta R.T. -0.024 min

Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

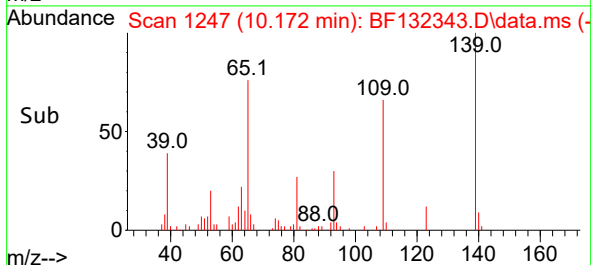
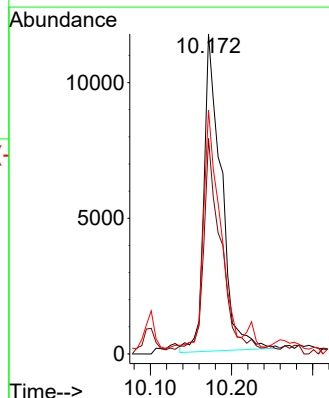
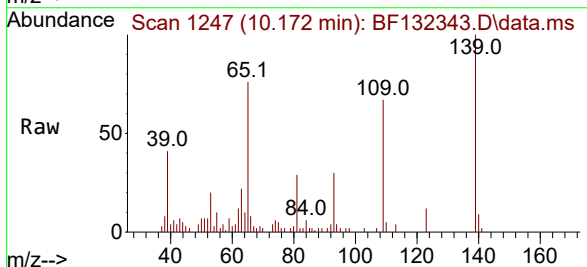
Tgt Ion:139 Resp: 17349

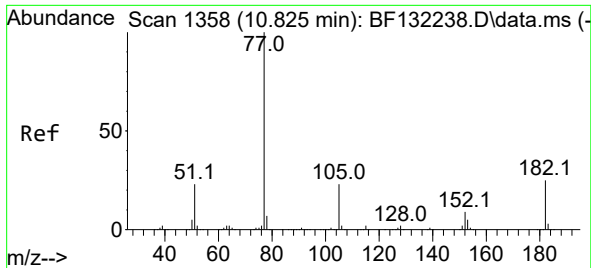
Ion Ratio Lower Upper

139 100

109 67.3 43.3 83.3

65 76.2 52.3 92.3

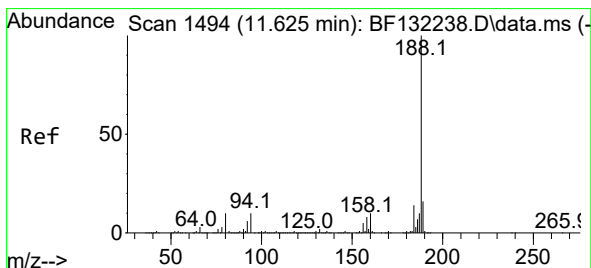
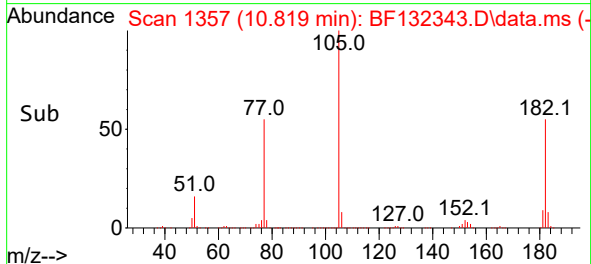
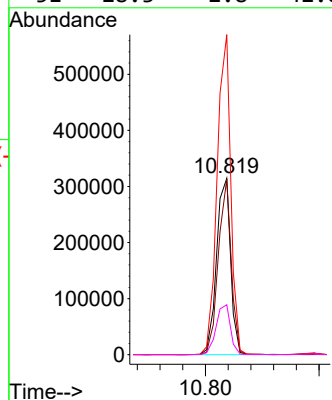
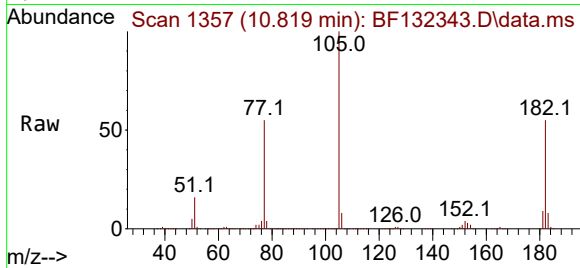




#63
Azobenzene
Concen: 11.013 ng
RT: 10.819 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

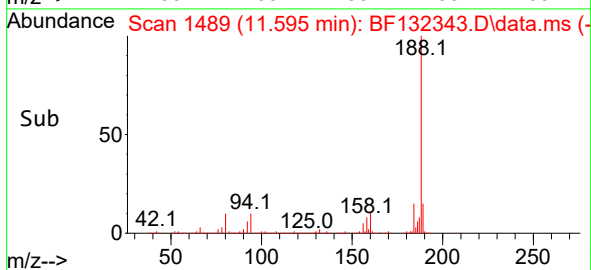
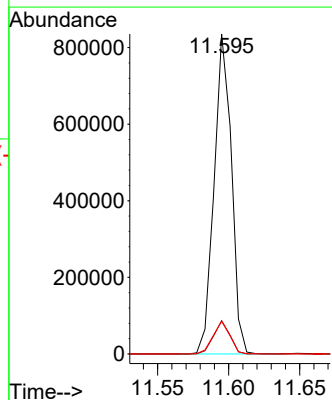
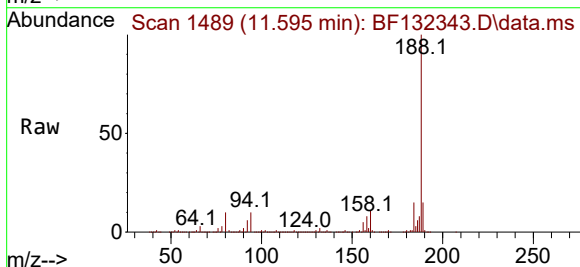
Instrument :
BNA_F
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B-01-SB02

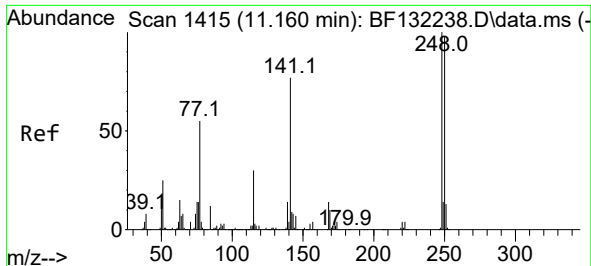
Tgt Ion: 77 Resp: 268972
Ion Ratio Lower Upper
77 100
182 99.6 4.5 44.5#
105 181.4 2.7 42.7#
51 28.3 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Tgt Ion: 188 Resp: 706458
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.2 8.3 12.5





#67

4-Bromophenyl-phenylether

Concen: 5.084 ng

RT: 10.895 min Scan# 1

Delta R.T. -0.241 min

Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

Instrument :

BNA_F

ClientSampleId :

B-01-SB02

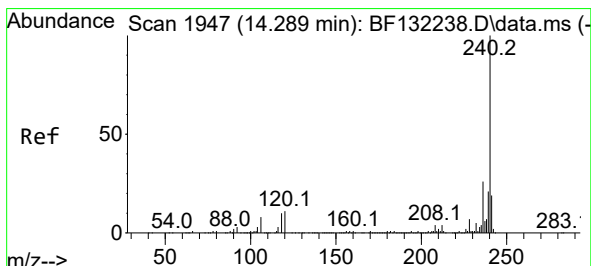
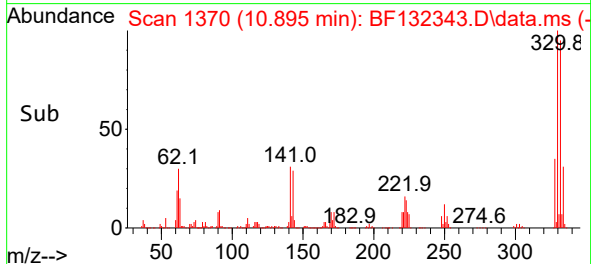
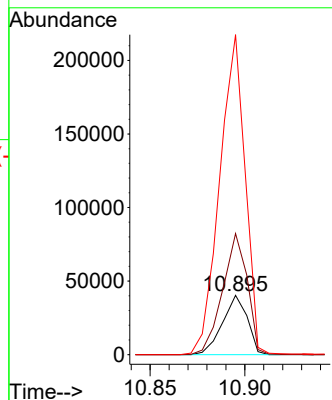
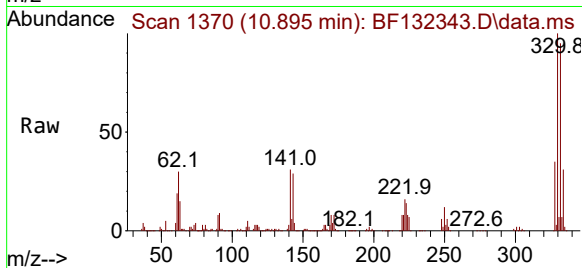
Tgt Ion:248 Resp: 36777

Ion Ratio Lower Upper

248 100

250 204.4 78.6 117.8#

141 539.7 61.6 92.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.254 min Scan# 1941

Delta R.T. -0.012 min

Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

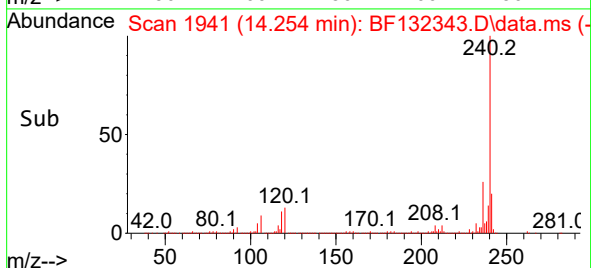
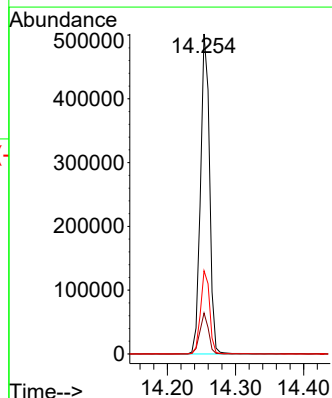
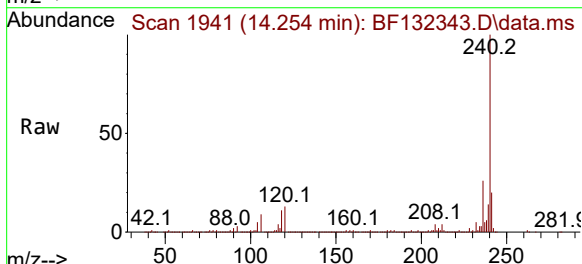
Tgt Ion:240 Resp: 462149

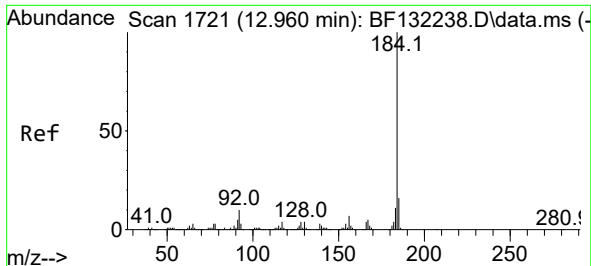
Ion Ratio Lower Upper

240 100

120 12.8 8.8 13.2

236 26.0 21.0 31.6

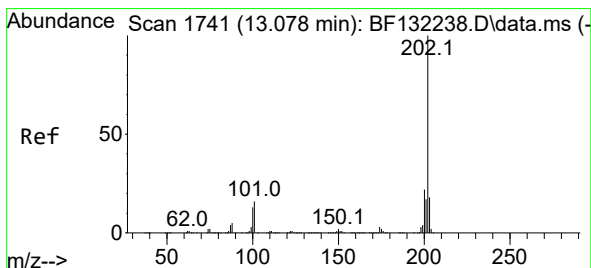
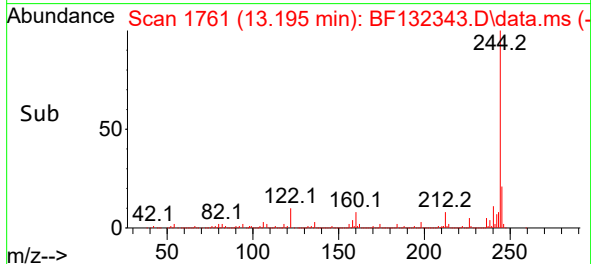
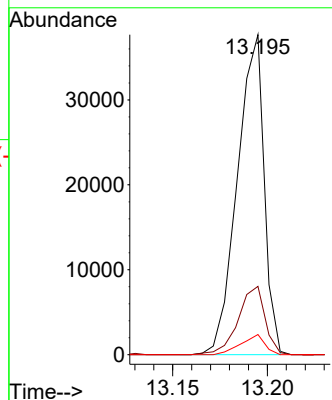
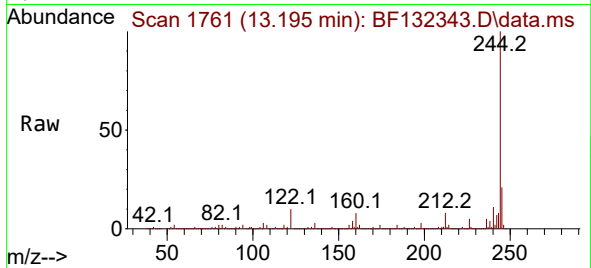




#77
Benzidine
Concen: 2.292 ng
RT: 13.195 min Scan# 1761
Delta R.T. 0.253 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

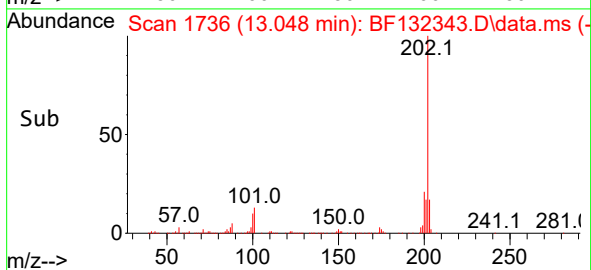
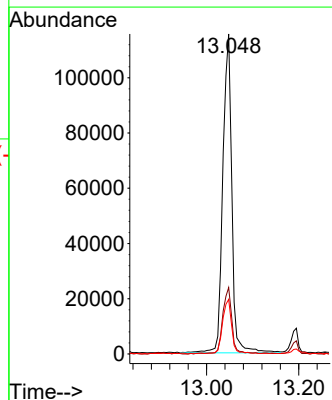
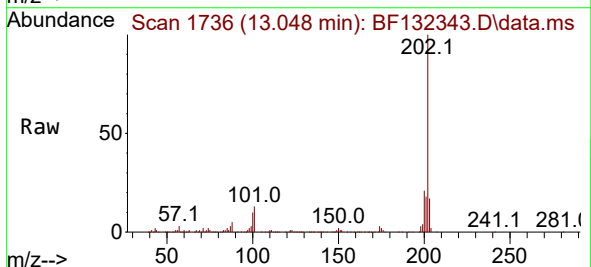
Instrument :
BNA_F
ClientSampleId :
B-01-SB02

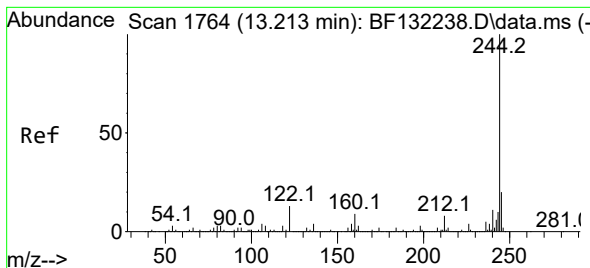
Tgt Ion:184 Resp: 37040
Ion Ratio Lower Upper
184 100
185 21.4 12.6 18.8#
183 6.3 8.9 13.3#



#78
Pyrene
Concen: 4.219 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Tgt Ion:202 Resp: 156818
Ion Ratio Lower Upper
202 100
200 20.8 17.3 25.9
203 17.1 14.4 21.6





#79

Terphenyl-d14

Concen: 98.940 ng

RT: 13.195 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

Instrument :

BNA_F

ClientSampleId :

B-01-SB02

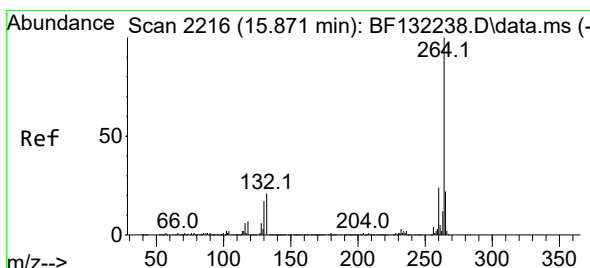
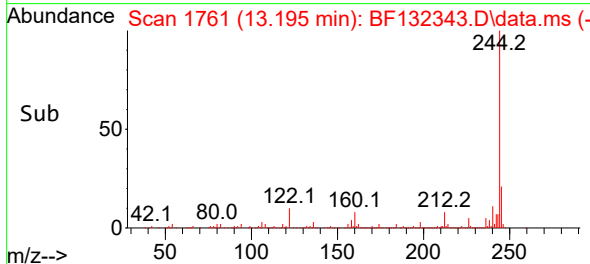
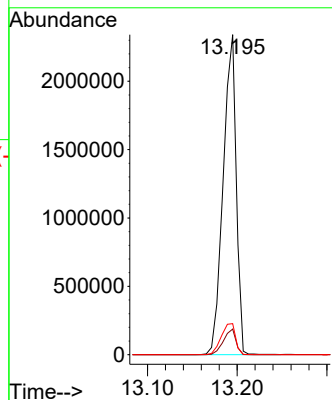
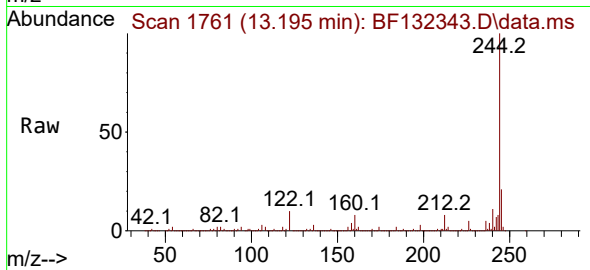
Tgt Ion:244 Resp: 2363783

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

122 9.7 10.5 15.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.830 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

Tgt Ion:264 Resp: 393986

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.7 17.4 26.2

