

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130006.D
 Acq On : 25 Aug 2022 18:53
 Operator : CG\JU
 Sample : N4310-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-082322

Quant Time: Aug 26 01:01:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

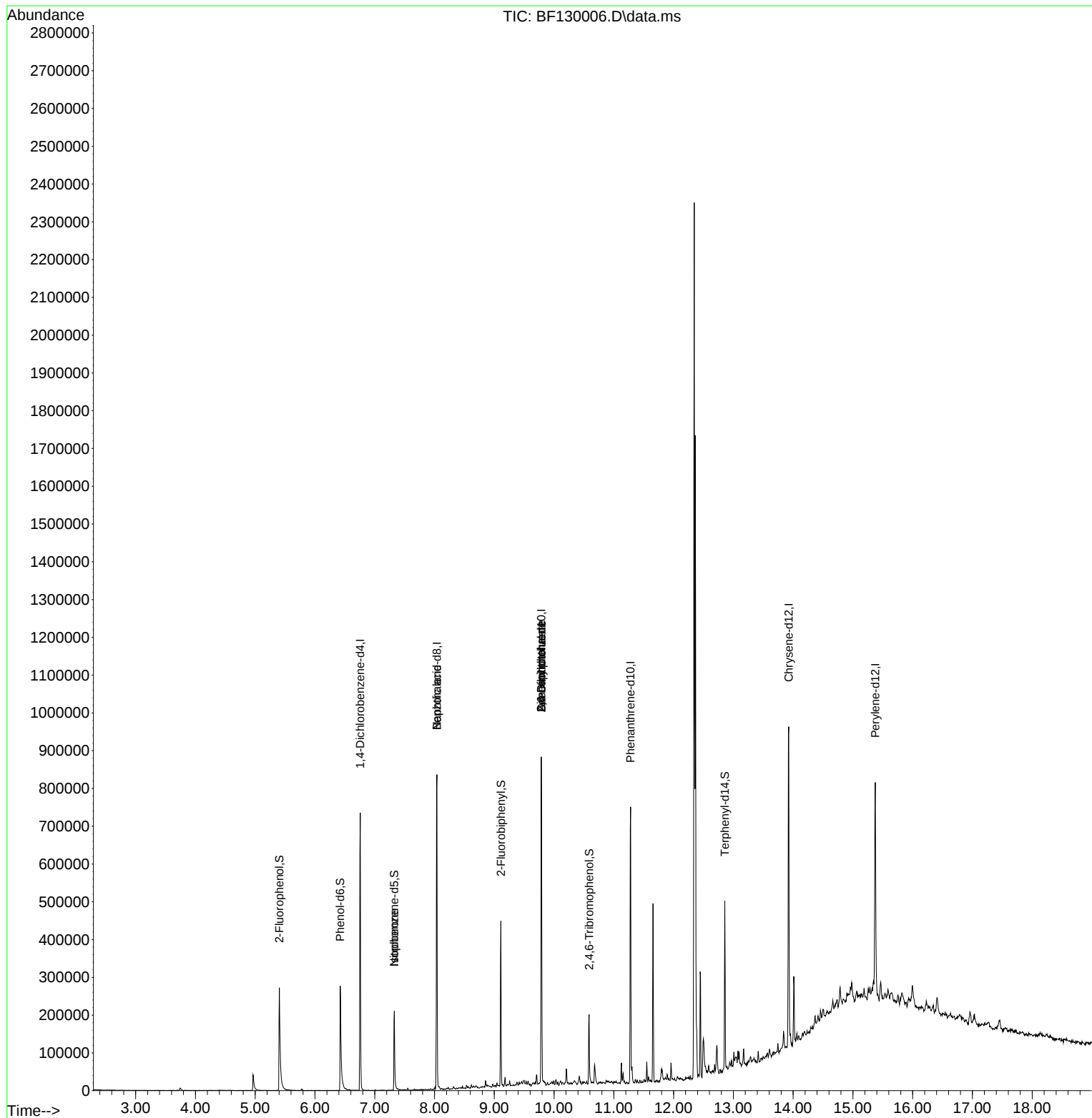
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	106449	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	374258	20.000	ng	0.00
39) Acenaphthene-d10	9.787	164	160489	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	262672	20.000	ng	0.00
76) Chrysene-d12	13.927	240	299571	20.000	ng	0.00
86) Perylene-d12	15.374	264	259983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	102886	16.003	ng	0.01
7) Phenol-d6	6.422	99	122092	15.164	ng	0.00
23) Nitrobenzene-d5	7.328	82	74309	10.629	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	20551	12.759	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	119068	11.268	ng	0.00
79) Terphenyl-d14	12.857	244	130651	7.257	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.422	77	55	Below Cal	#	1
25) Isophorone	7.328	82	74309	6.175	ng	# 65
32) Benzoic acid	8.040	122	63	2.186	ng	# 1
50) Dimethylphthalate	9.787	163	27180	2.362	ng	# 1
51) 2,6-Dinitrotoluene	9.787	165	21316	8.541	ng	# 23
57) 2,4-Dinitrotoluene	9.787	165	21316	6.580	ng	# 18
77) Benzidine	12.633	184	312	Below Cal	#	1

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

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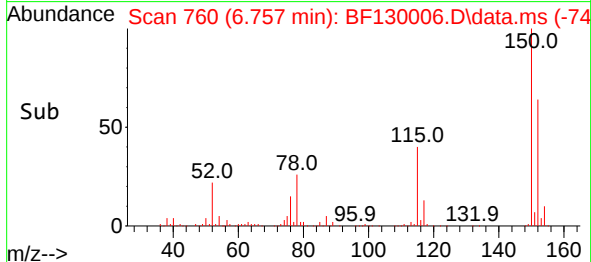
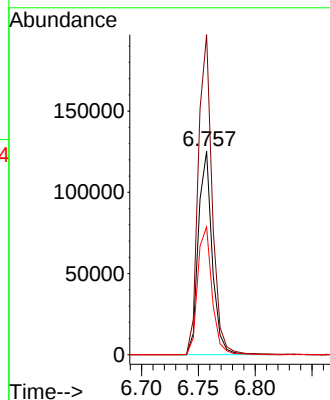
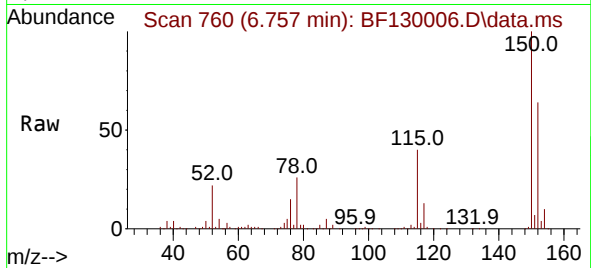




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: BF130006.D
 Acq: 25 Aug 2022 18:53

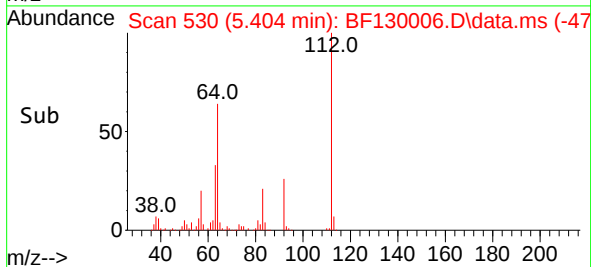
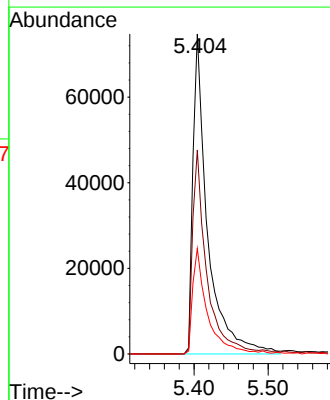
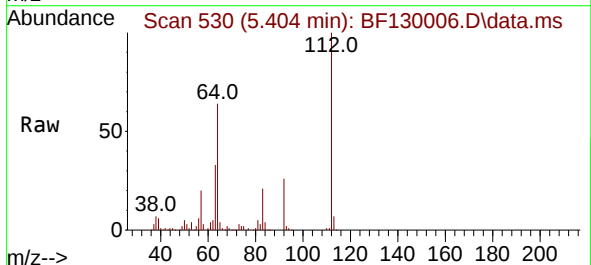
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-082322

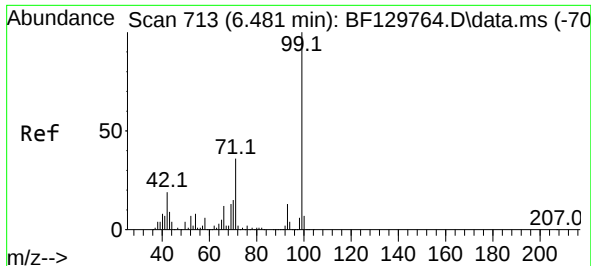
Tgt Ion:152 Resp: 106449
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.9 190.3
 115 62.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 16.003 ng
 RT: 5.404 min Scan# 530
 Delta R.T. 0.012 min
 Lab File: BF130006.D
 Acq: 25 Aug 2022 18:53

Tgt Ion:112 Resp: 102886
 Ion Ratio Lower Upper
 112 100
 64 63.8 47.6 71.4
 63 33.0 24.6 37.0

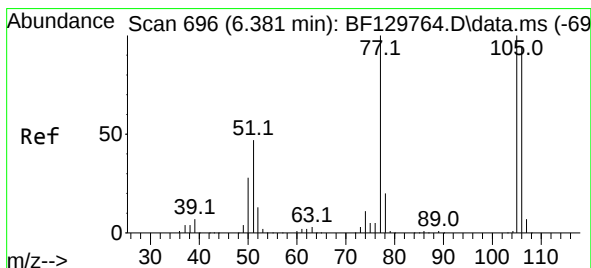
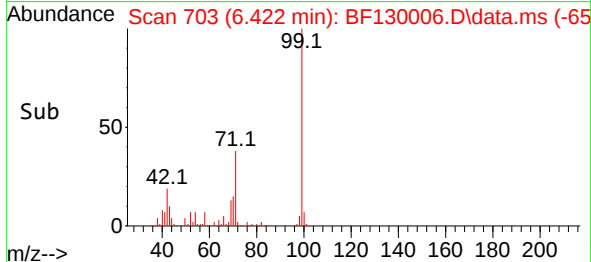
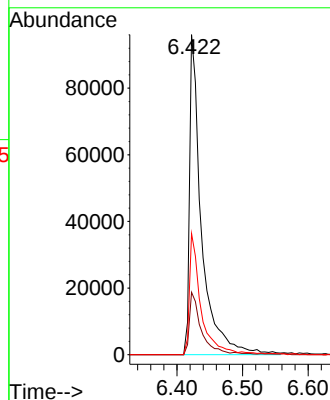
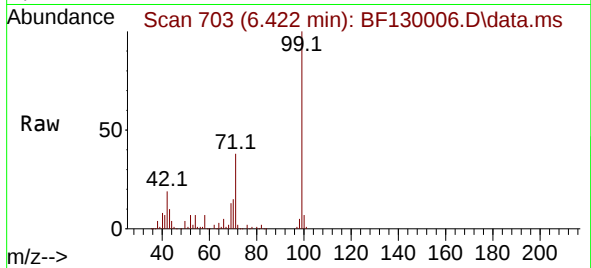




#7
Phenol-d6
Concen: 15.164 ng
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

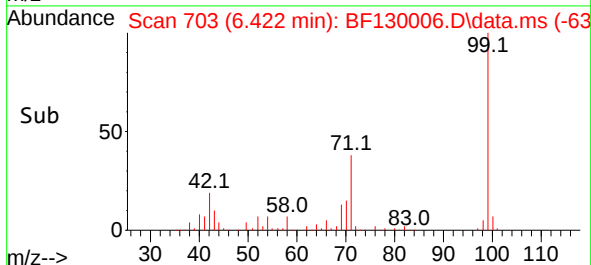
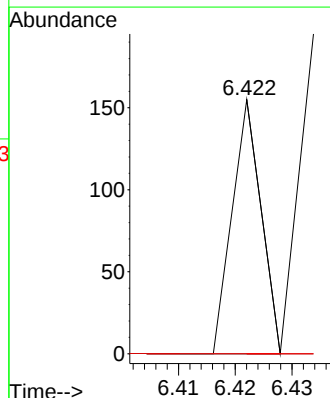
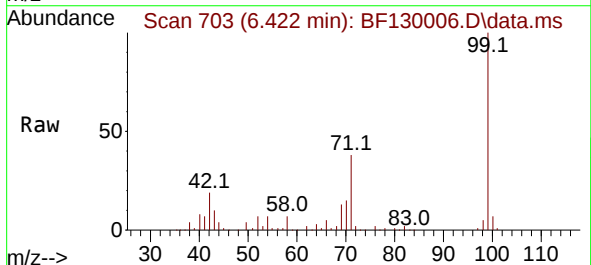
Instrument :
BNA_F
ClientSampleId :
EO-02-082322

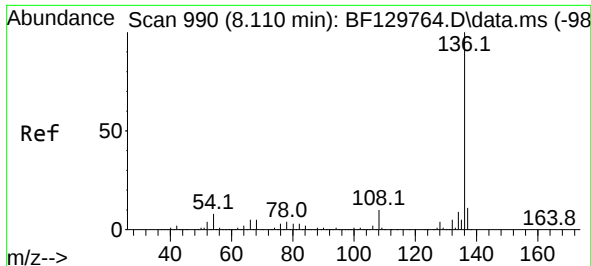
Tgt Ion: 99 Resp: 122092
Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.4
71 37.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 703
Delta R.T. 0.106 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#



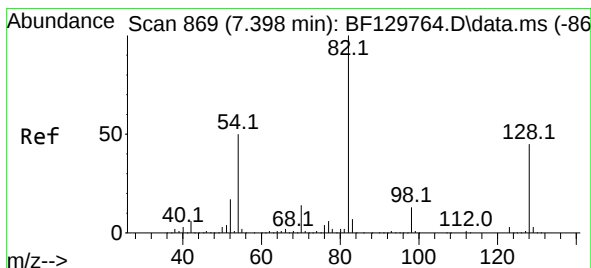
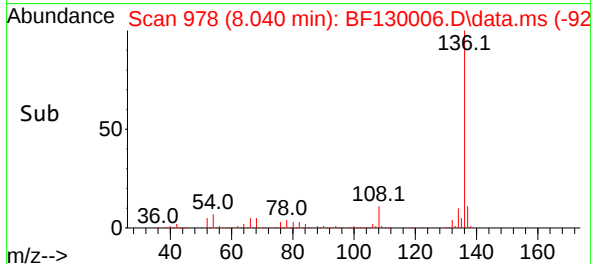
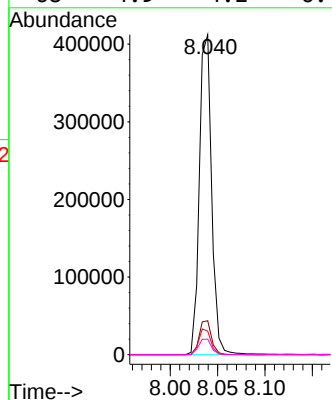
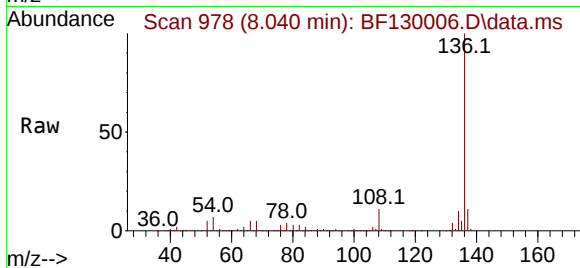


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

Instrument :
BNA_F
ClientSampleId :
EO-02-082322

Tgt Ion:136 Resp: 374258

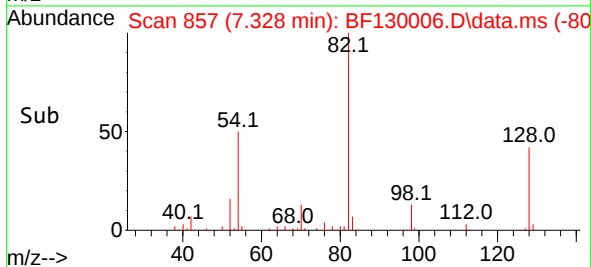
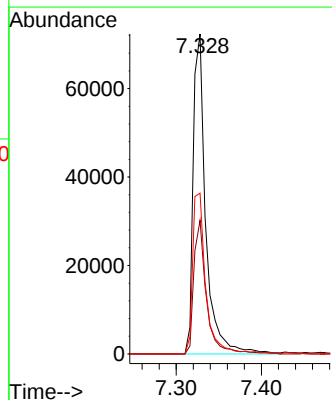
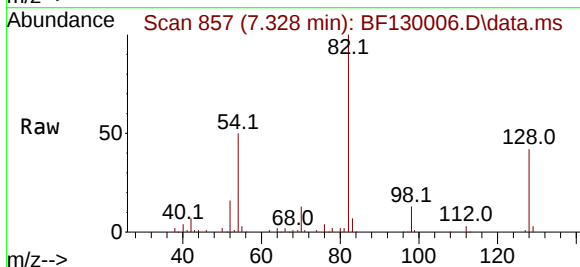
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.3	6.2	9.2
68	4.9	4.2	6.4

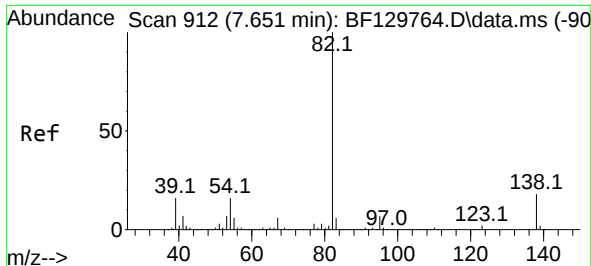


#23
Nitrobenzene-d5
Concen: 10.629 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

Tgt Ion: 82 Resp: 74309

Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	50.3	40.0	60.0

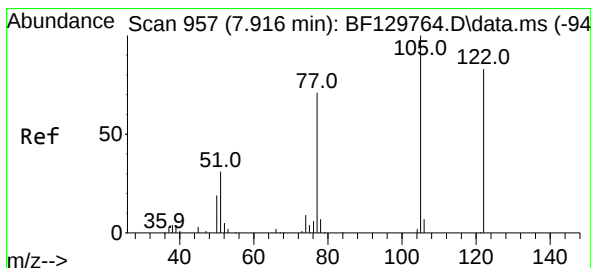
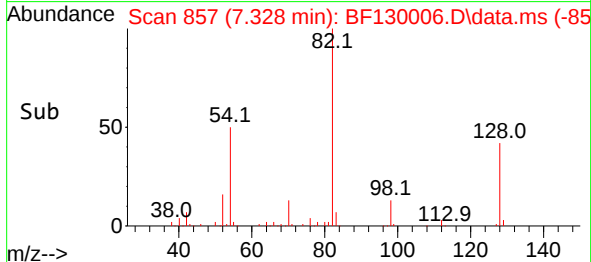
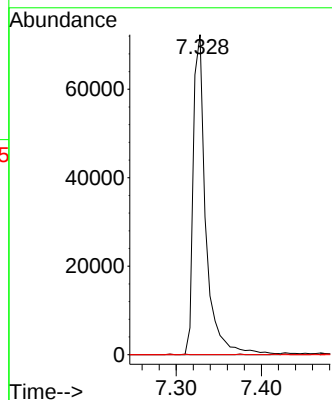
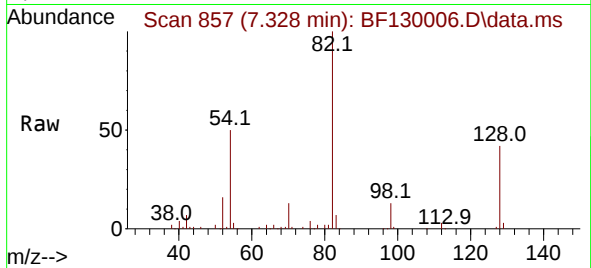




#25
Isophorone
Concen: 6.175 ng
RT: 7.328 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

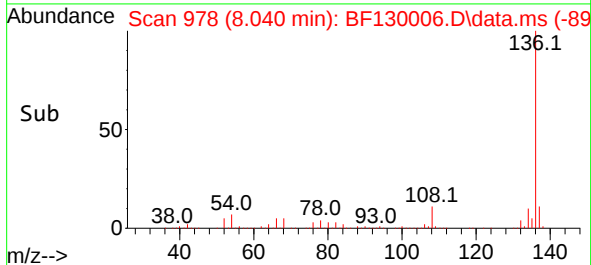
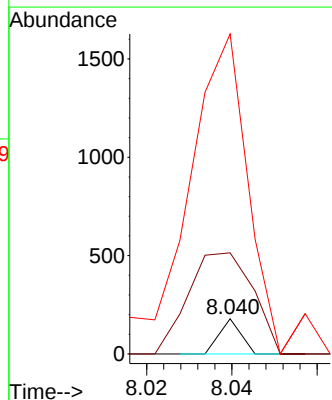
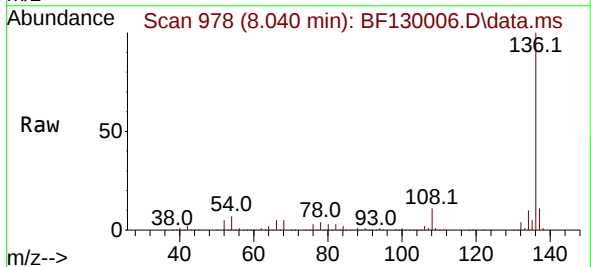
Instrument :
BNA_F
ClientSampleId :
EO-02-082322

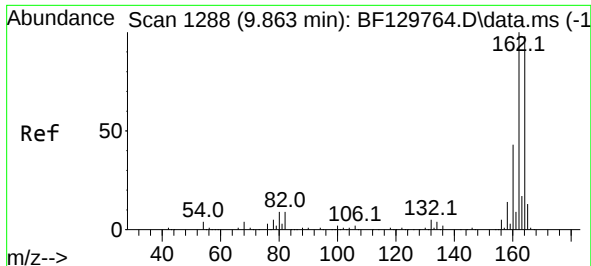
Tgt Ion: 82 Resp: 74309
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 2.186 ng
RT: 8.040 min Scan# 978
Delta R.T. 0.177 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

Tgt Ion: 122 Resp: 63
Ion Ratio Lower Upper
122 100
105 287.2 99.9 139.9#
77 908.9 65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.787 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130006.D

Acq: 25 Aug 2022 18:53

Instrument :

BNA_F

ClientSampleId :

EO-02-082322

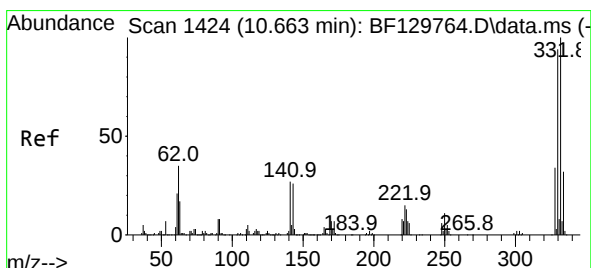
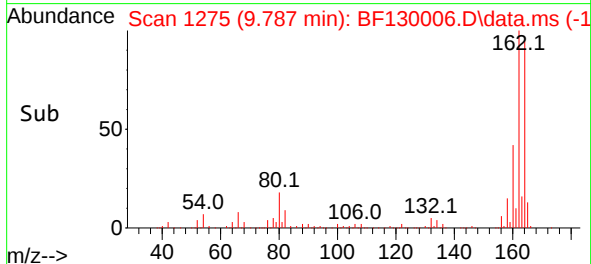
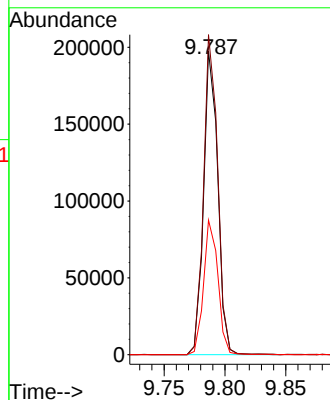
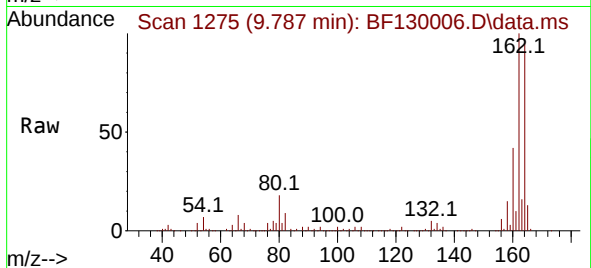
Tgt Ion:164 Resp: 160489

Ion Ratio Lower Upper

164 100

162 105.4 82.0 123.0

160 44.3 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 12.759 ng

RT: 10.586 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BF130006.D

Acq: 25 Aug 2022 18:53

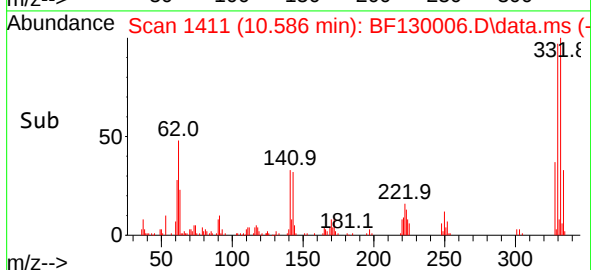
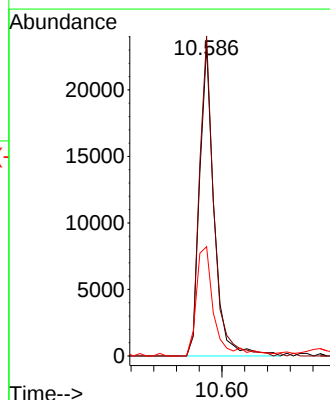
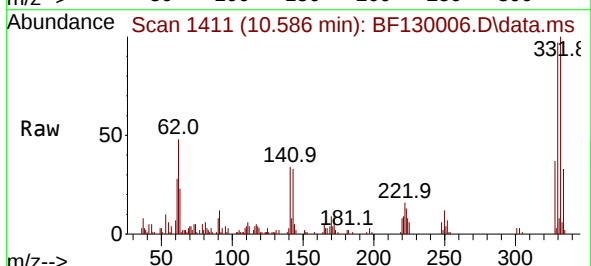
Tgt Ion:330 Resp: 20551

Ion Ratio Lower Upper

330 100

332 102.2 82.6 124.0

141 43.4 27.6 41.4#

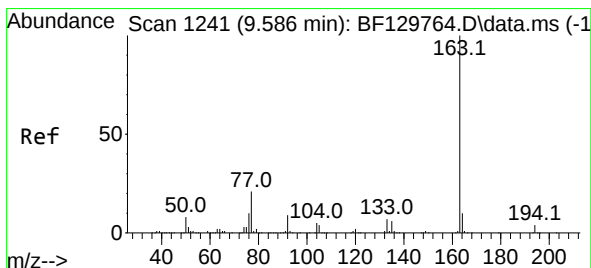
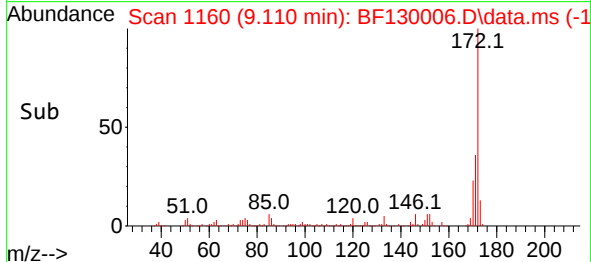
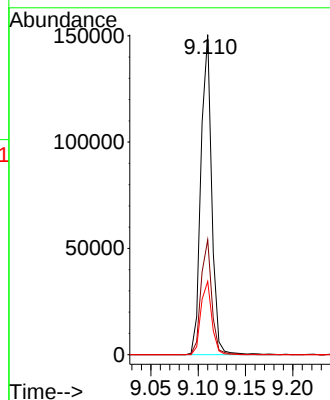
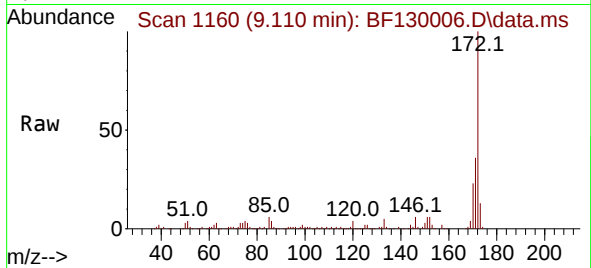




#45
2-Fluorobiphenyl
Concen: 11.268 ng
RT: 9.110 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

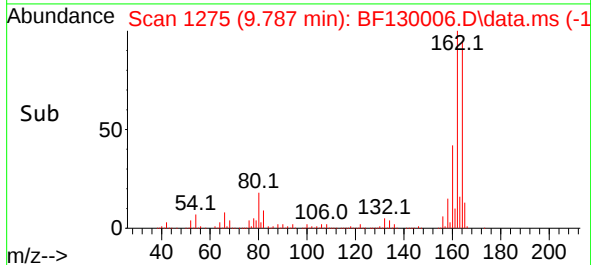
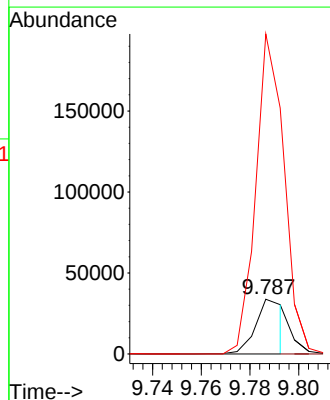
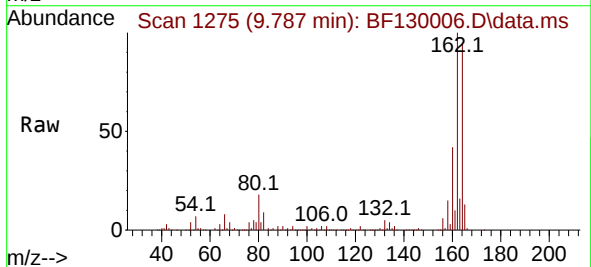
Instrument :
BNA_F
ClientSampleId :
EO-02-082322

Tgt Ion:172 Resp: 119068
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 22.9 19.1 28.7



#50
Dimethylphthalate
Concen: 2.362 ng
RT: 9.787 min Scan# 1275
Delta R.T. 0.265 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

Tgt Ion:163 Resp: 27180
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 584.0 8.2 12.2#

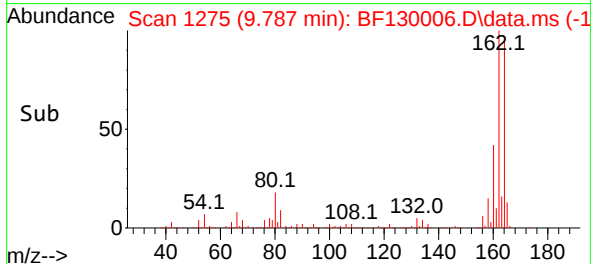
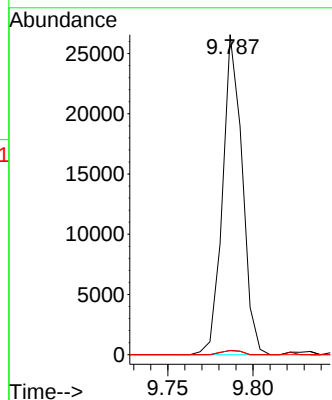
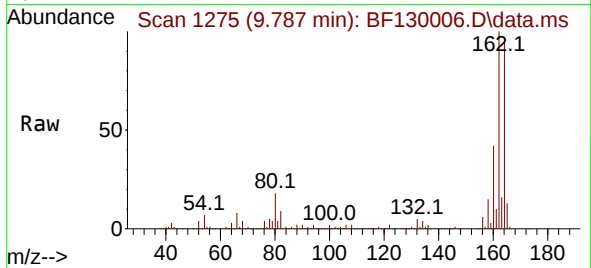




#51
2,6-Dinitrotoluene
Concen: 8.541 ng
RT: 9.787 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

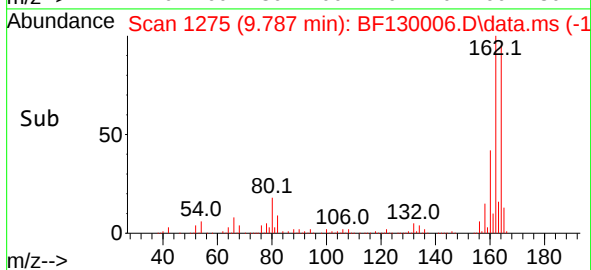
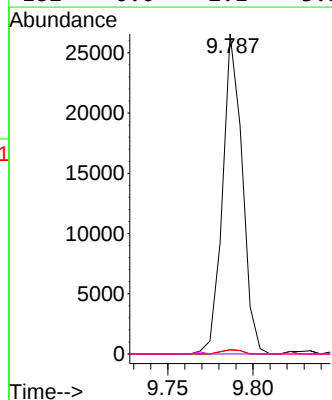
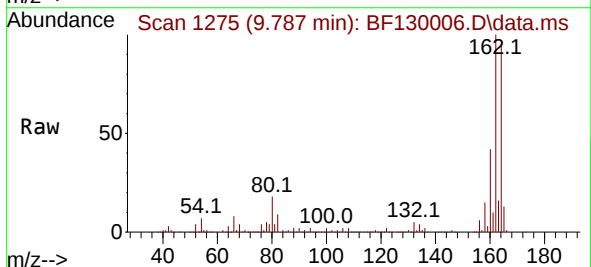
Instrument :
BNA_F
ClientSampleId :
EO-02-082322

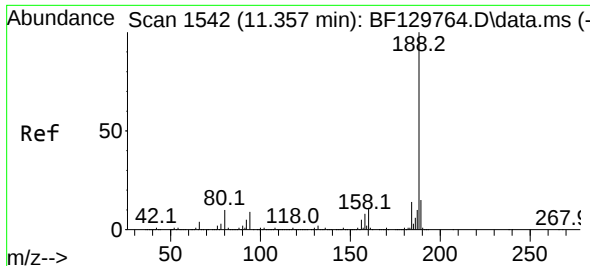
Tgt Ion:165 Resp: 21316
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.580 ng
RT: 9.787 min Scan# 1275
Delta R.T. -0.218 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

Tgt Ion:165 Resp: 21316
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

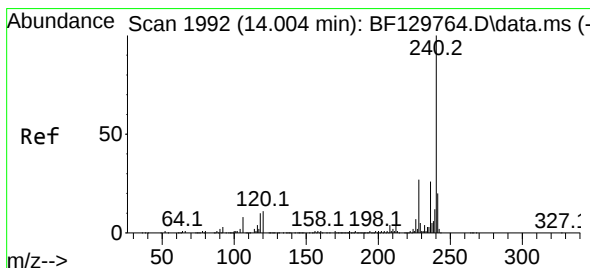
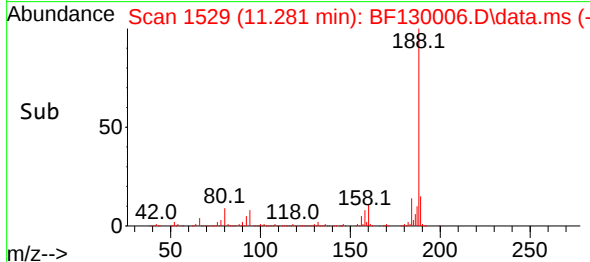
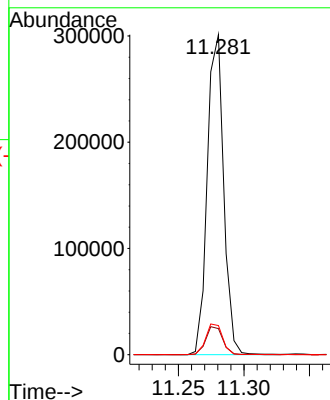
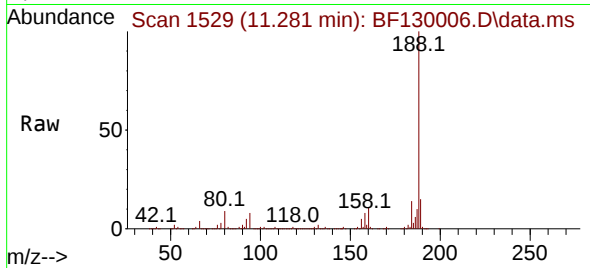




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

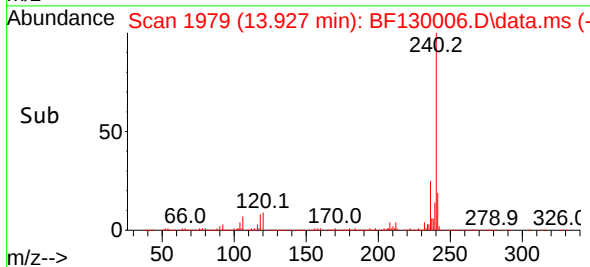
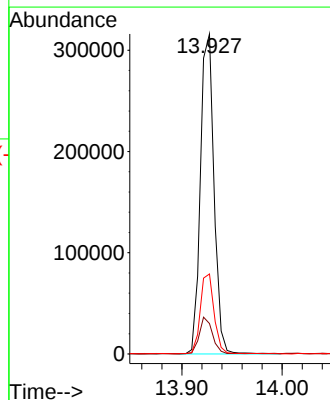
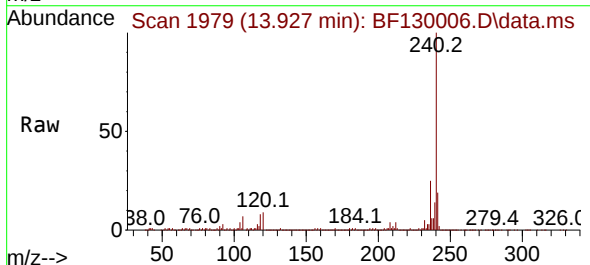
Instrument :
BNA_F
ClientSampleId :
EO-02-082322

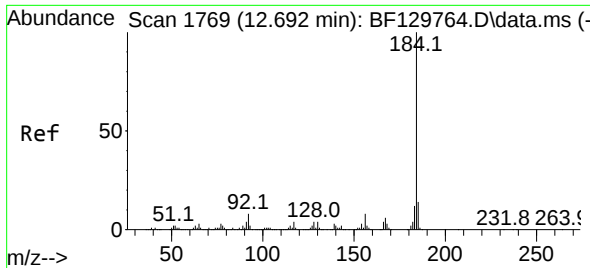
Tgt Ion:188 Resp: 262672
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

Tgt Ion:240 Resp: 299571
Ion Ratio Lower Upper
240 100
120 9.5 9.2 13.8
236 25.0 20.7 31.1

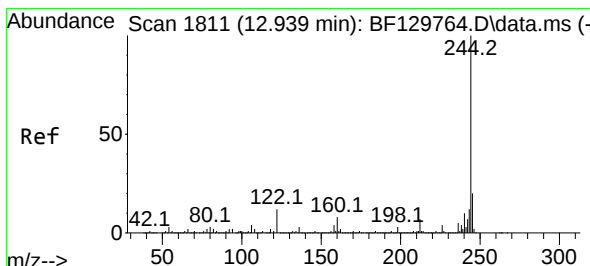
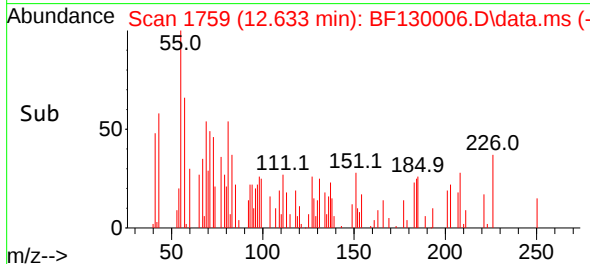
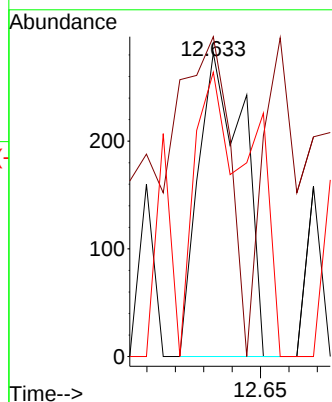
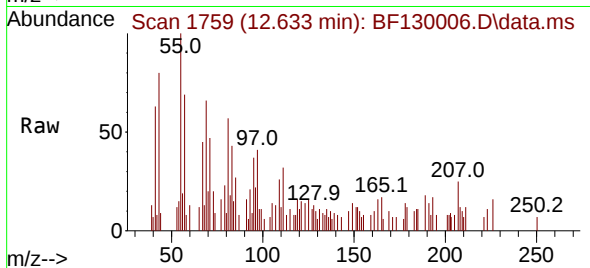




#77
Benzidine
Concen: Below Cal
RT: 12.633 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

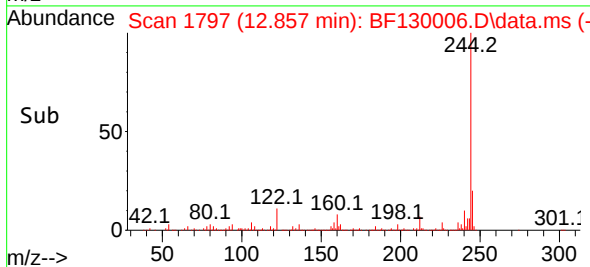
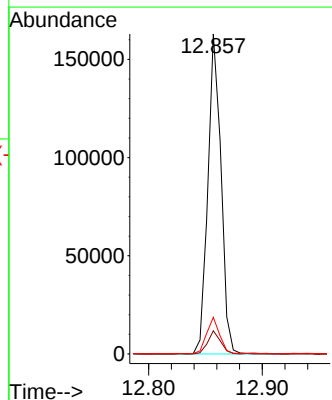
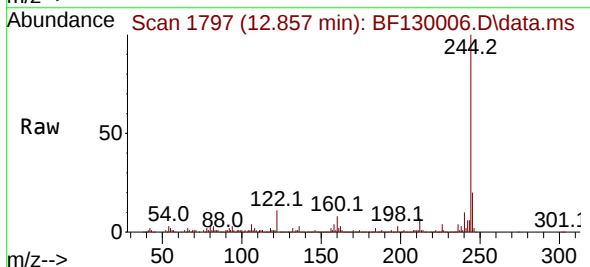
Instrument :
BNA_F
ClientSampleId :
EO-02-082322

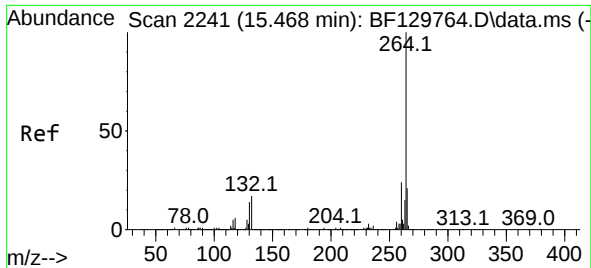
Tgt Ion:184 Resp: 312
Ion Ratio Lower Upper
184 100
185 105.3 11.4 17.2#
183 93.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 7.257 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF130006.D
Acq: 25 Aug 2022 18:53

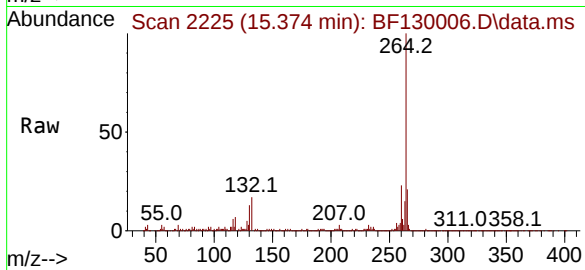
Tgt Ion:244 Resp: 130651
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.4 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130006.D
 Acq: 25 Aug 2022 18:53

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-082322



Tgt Ion:264 Resp: 259983
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.5 16.7 25.1

