

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128385.D
 Acq On : 21 May 2022 01:32
 Operator : CG\JU
 Sample : N2939-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3

Quant Time: May 23 02:40:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

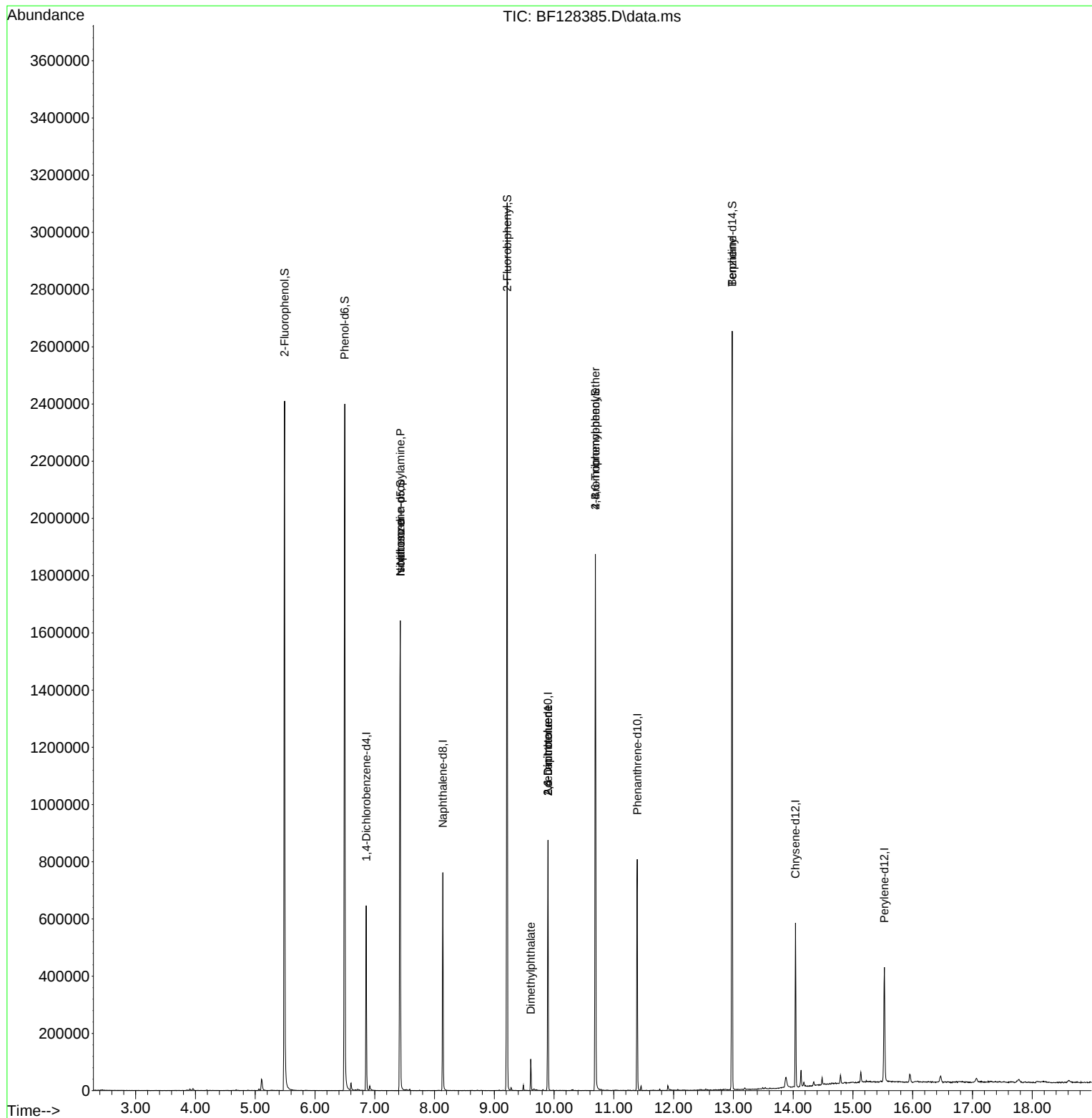
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	84069	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	309412	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	167261	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	295129	20.000	ng	0.00
76) Chrysene-d12	14.039	240	182393	20.000	ng	-0.01
86) Perylene-d12	15.527	264	175009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	633875	119.988	ng	0.01
7) Phenol-d6	6.498	99	805696	115.822	ng	0.00
23) Nitrobenzene-d5	7.428	82	574529	83.196	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	209161	121.256	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	891128	87.127	ng	0.00
79) Terphenyl-d14	12.980	244	908008	96.102	ng	0.00
Target Compounds						
9) Benzaldehyde	6.498	77	1499	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.428	70	77277	18.574	ng	# 77
25) Isophorone	7.428	82	574521	54.288	ng	# 68
50) Dimethylphthalate	9.610	163	39140	3.674	ng	# 99
51) 2,6-Dinitrotoluene	9.898	165	21361	9.167	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	21361	7.276	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	12530	4.057	ng	# 1
77) Benzidine	12.980	184	13798	3.637	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128385.D
Acq On : 21 May 2022 01:32
Operator : CG\JU
Sample : N2939-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B3

Quant Time: May 23 02:40:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 21 05:28:09 2022
Response via : Initial Calibration

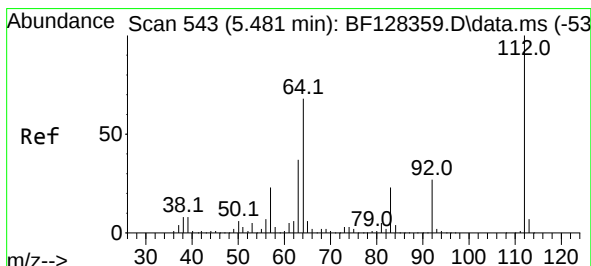
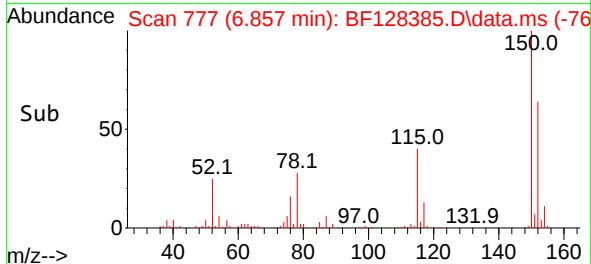
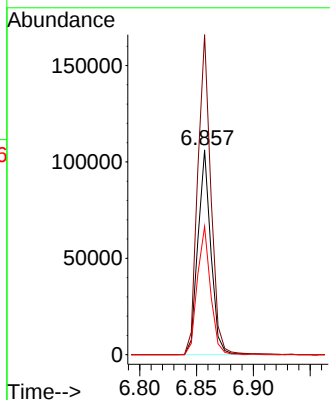
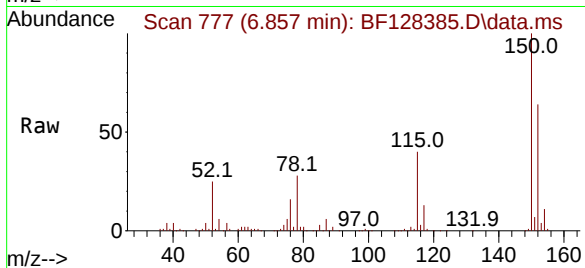




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

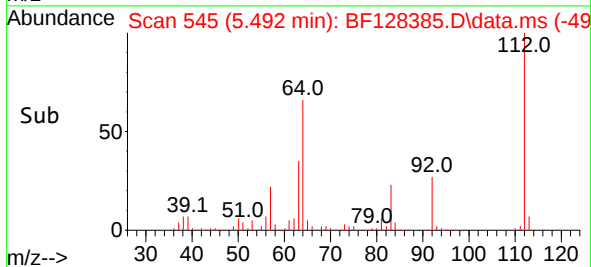
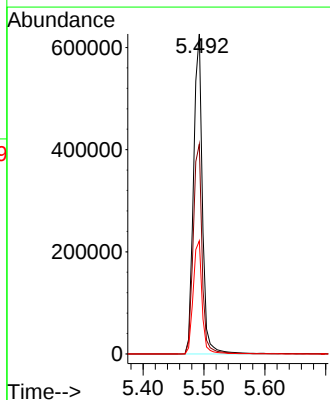
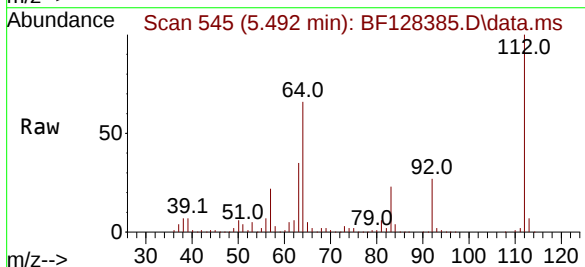
Instrument :
BNA_F
ClientSampleId :
B3

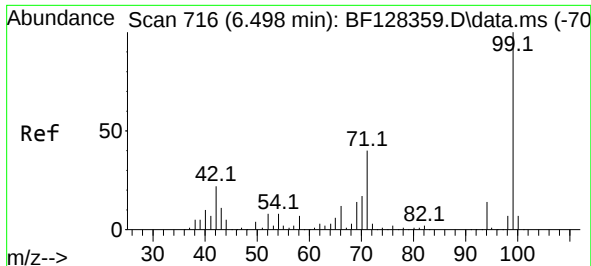
Tgt Ion:152 Resp: 84069
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 62.6 48.8 73.2



#5
2-Fluorophenol
Concen: 119.988 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.012 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

Tgt Ion:112 Resp: 633875
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 35.3 26.3 39.5

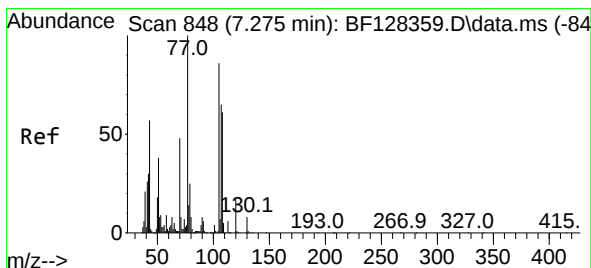
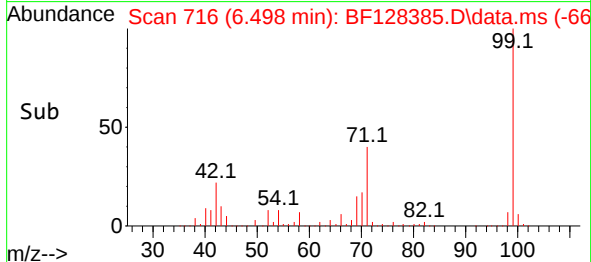
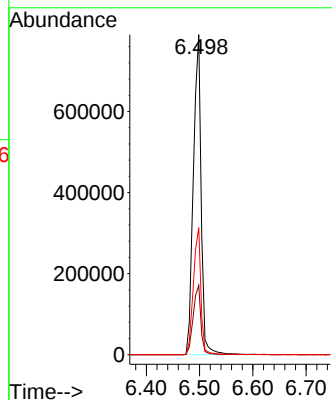
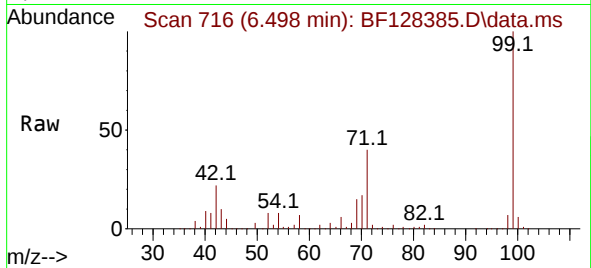




#7
Phenol-d6
Concen: 115.822 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

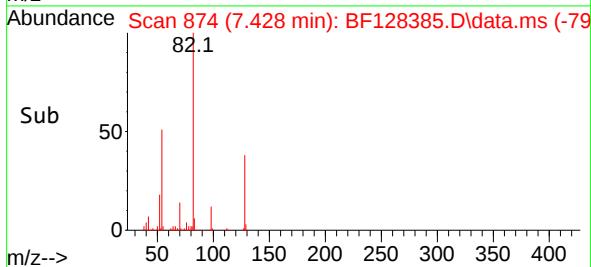
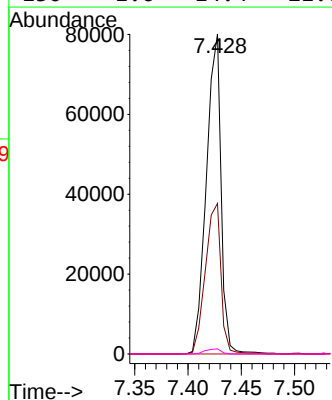
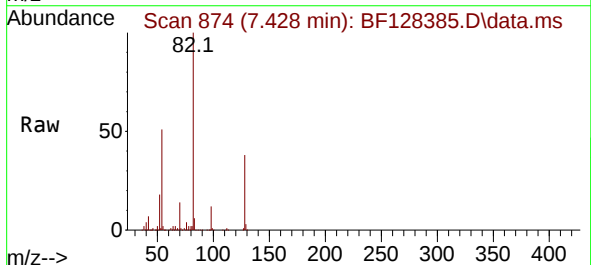
Instrument :
BNA_F
ClientSampleId :
B3

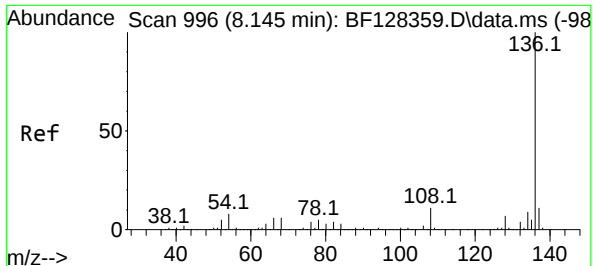
Tgt Ion: 99 Resp: 805696
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.574 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

Tgt Ion: 70 Resp: 77277
Ion Ratio Lower Upper
70 100
42 47.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF128385.D

Acq: 21 May 2022 01:32

Instrument :

BNA_F

ClientSampleId :

B3

Tgt Ion:136 Resp: 309412

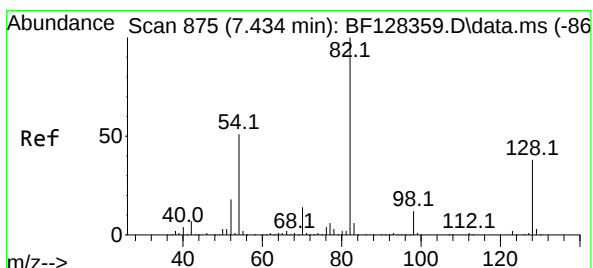
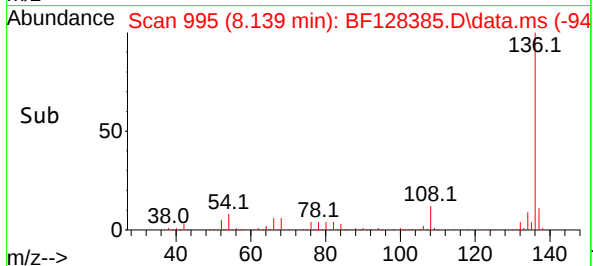
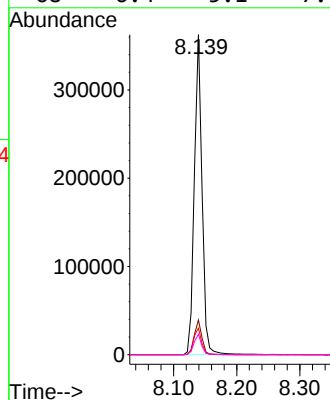
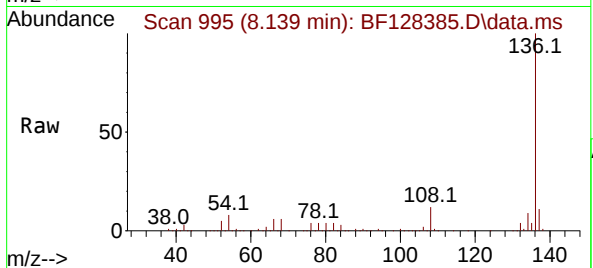
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.3 6.8 10.2

68 6.4 5.1 7.7



#23

Nitrobenzene-d5

Concen: 83.196 ng

RT: 7.428 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF128385.D

Acq: 21 May 2022 01:32

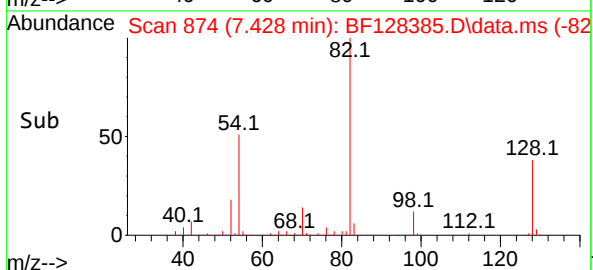
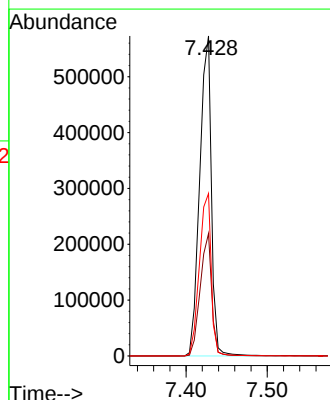
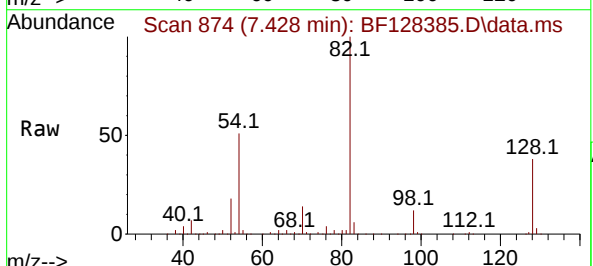
Tgt Ion: 82 Resp: 574529

Ion Ratio Lower Upper

82 100

128 38.2 30.0 45.0

54 50.8 41.3 61.9

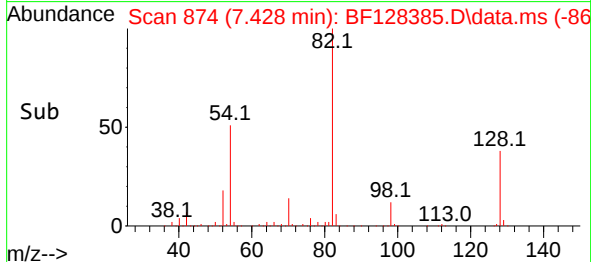
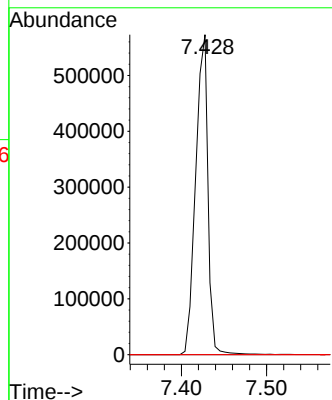
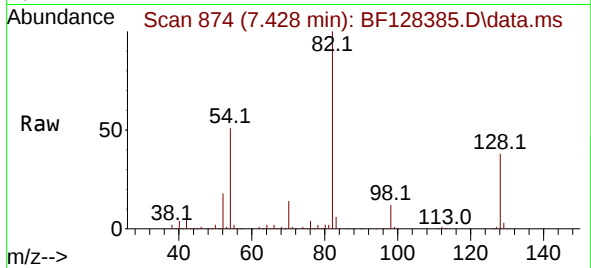




#25
Isophorone
Concen: 54.288 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

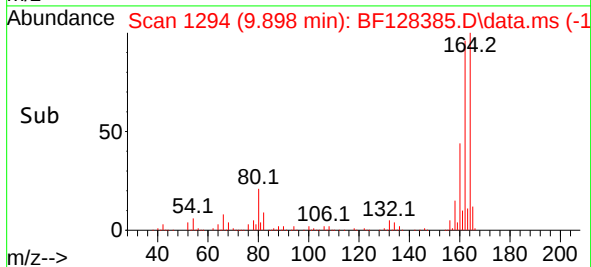
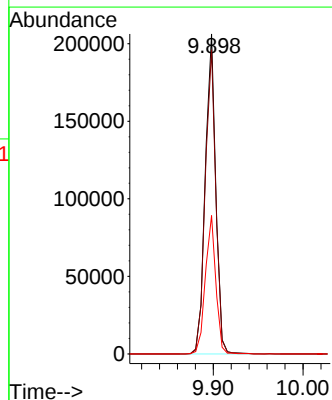
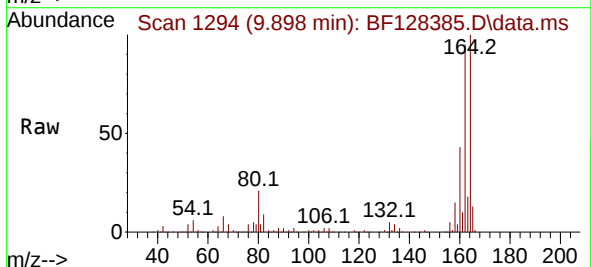
Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion: 82 Resp: 574521
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

Tgt Ion: 164 Resp: 167261
Ion Ratio Lower Upper
164 100
162 95.1 76.0 114.0
160 43.2 34.8 52.2

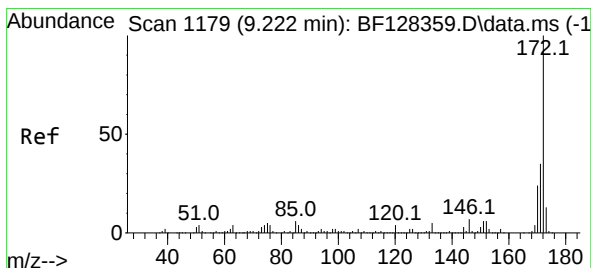
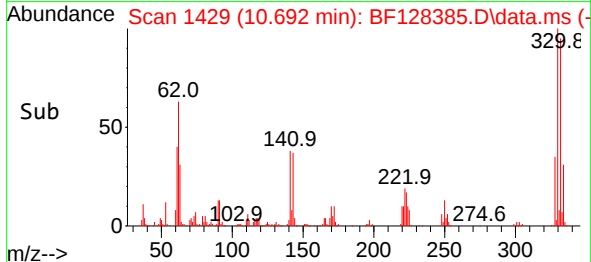
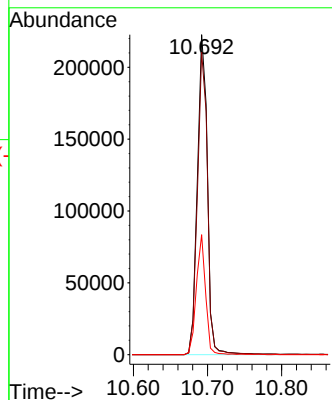
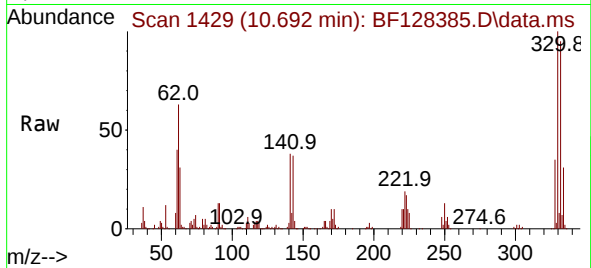




#42
2,4,6-Tribromophenol
Concen: 121.256 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

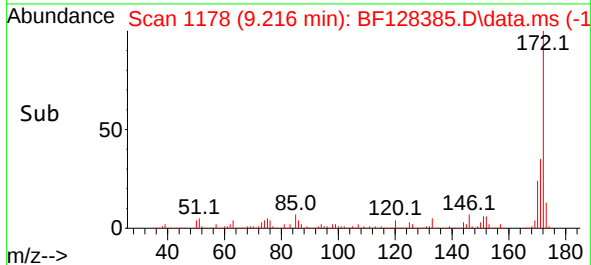
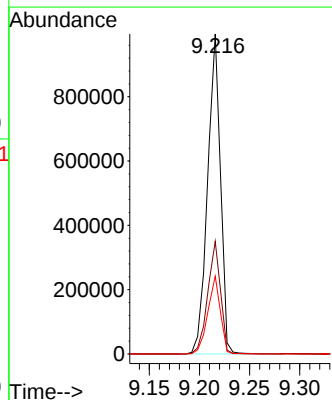
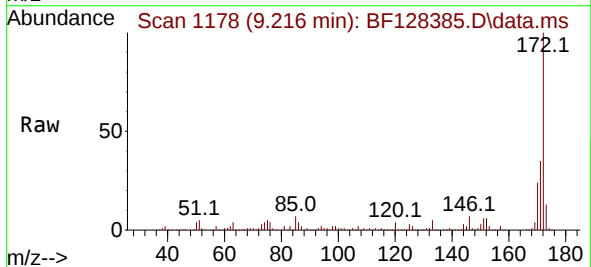
Instrument :
BNA_F
ClientSampleId :
B3

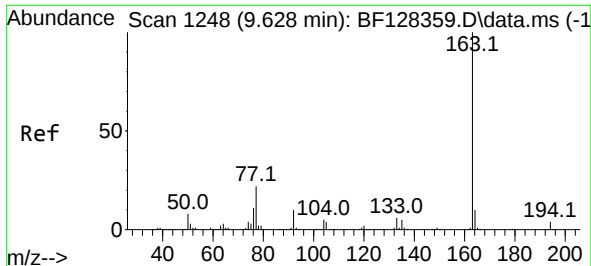
Tgt Ion:330 Resp: 209161
Ion Ratio Lower Upper
330 100
332 94.8 79.0 118.4
141 34.6 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 87.127 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

Tgt Ion:172 Resp: 891128
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.3 19.1 28.7

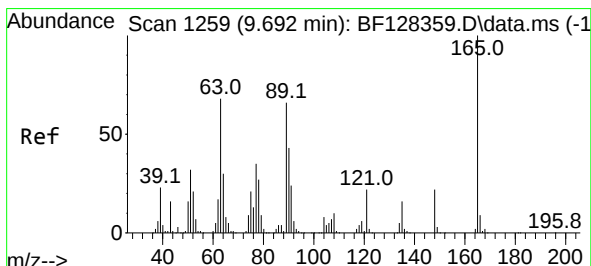
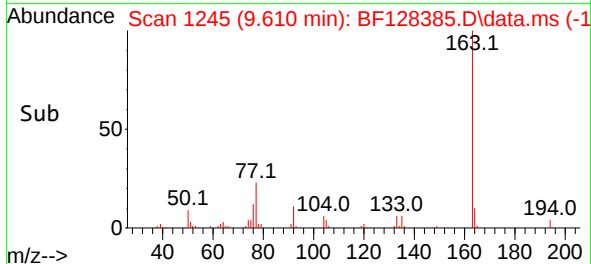
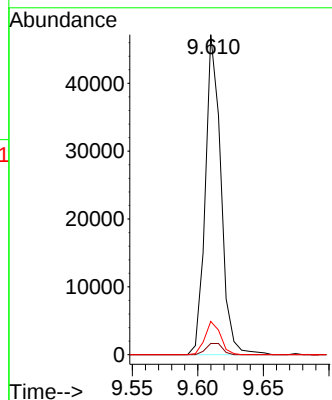
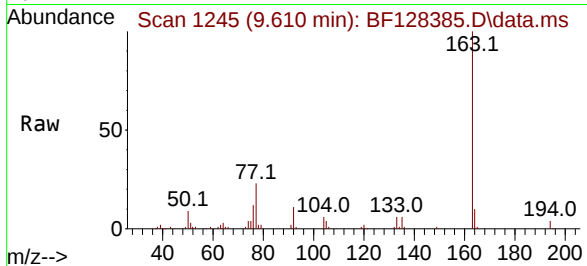




#50
Dimethylphthalate
Concen: 3.674 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

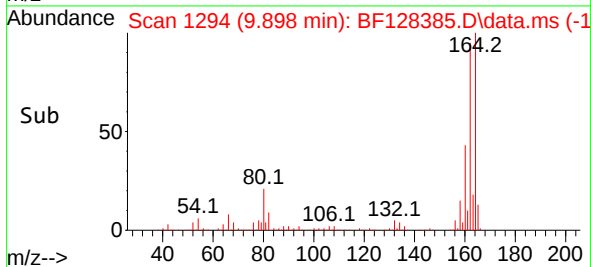
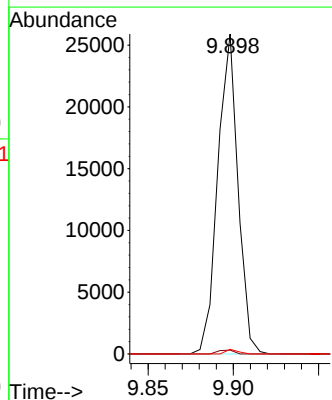
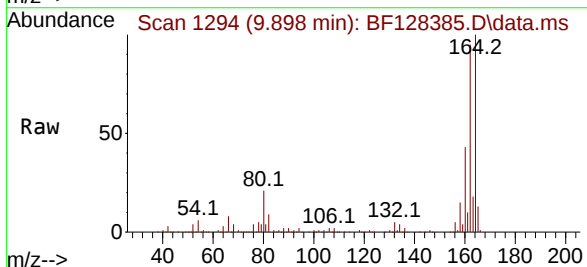
Instrument :
BNA_F
ClientSampleId :
B3

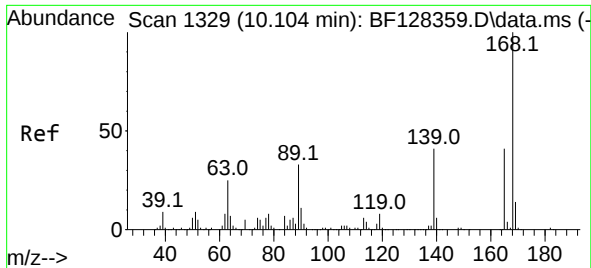
Tgt Ion:163 Resp: 39140
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.4 8.6 13.0



#51
2,6-Dinitrotoluene
Concen: 9.167 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.206 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

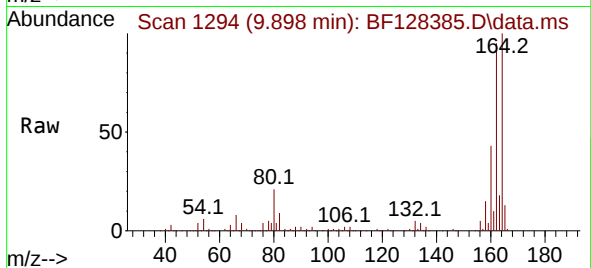
Tgt Ion:165 Resp: 21361
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.4 49.0 73.4#



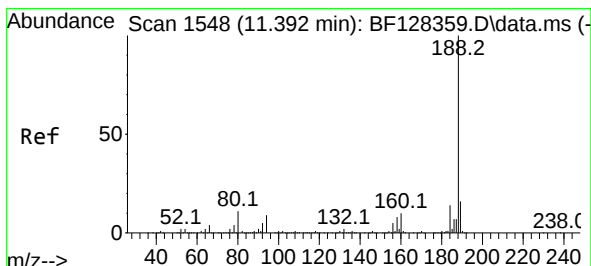
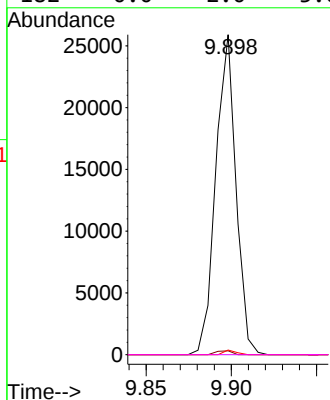
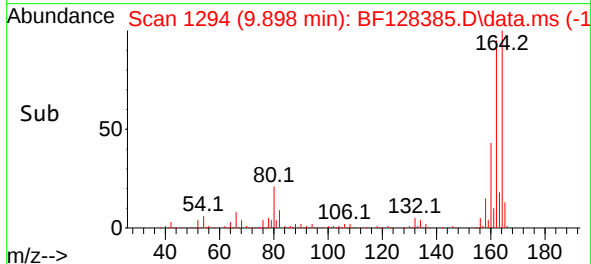


#57
2,4-Dinitrotoluene
Concen: 7.276 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

Instrument :
BNA_F
ClientSampleId :
B3

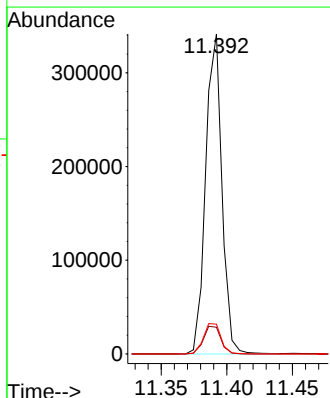
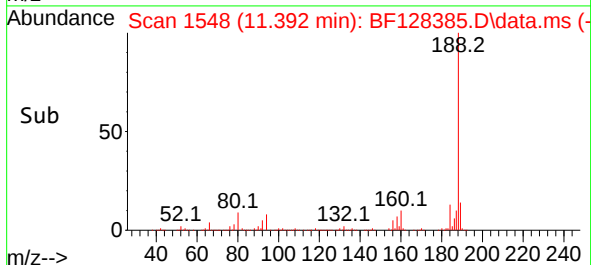
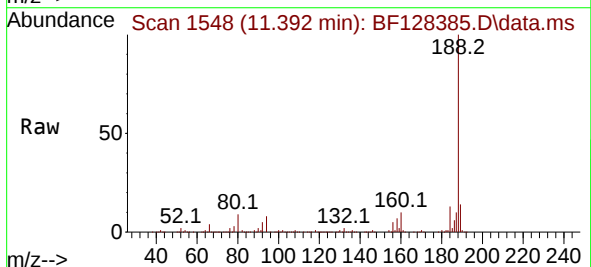


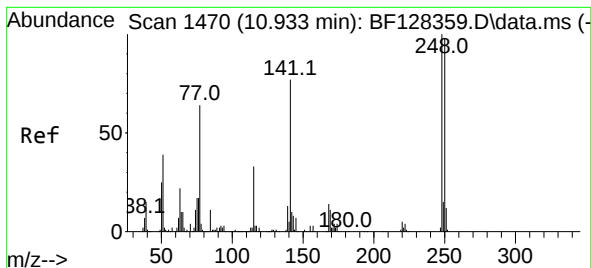
Tgt Ion:165 Resp: 21361
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

Tgt Ion:188 Resp: 295129
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.3 8.9 13.3

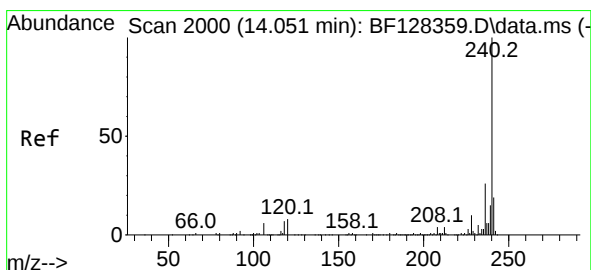
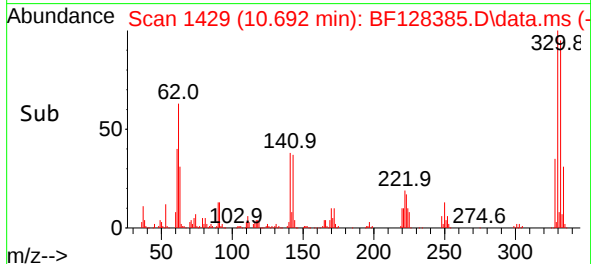
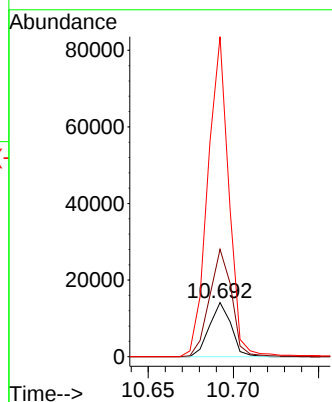
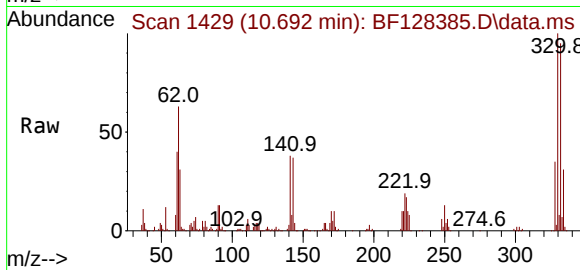




#67
4-Bromophenyl-phenylether
Concen: 4.057 ng
RT: 10.692 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

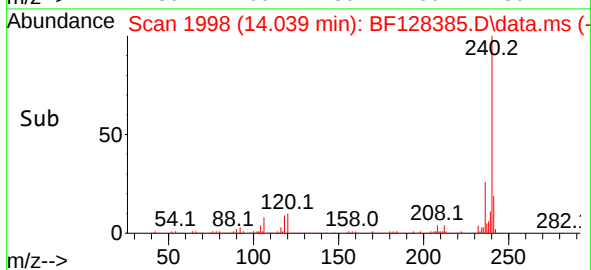
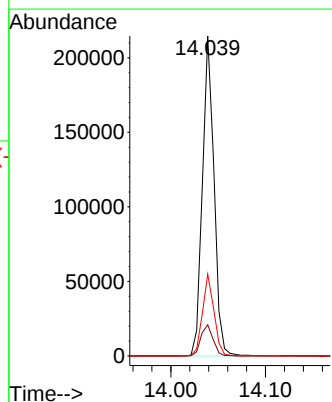
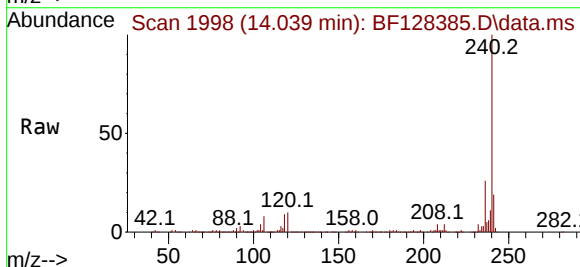
Instrument :
BNA_F
ClientSampleId :
B3

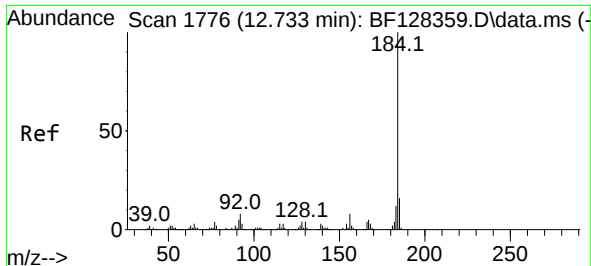
Tgt Ion:248 Resp: 12530
Ion Ratio Lower Upper
248 100
250 198.7 77.7 116.5#
141 592.4 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

Tgt Ion:240 Resp: 182393
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.5 20.3 30.5

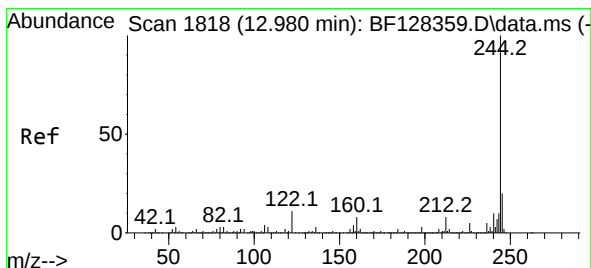
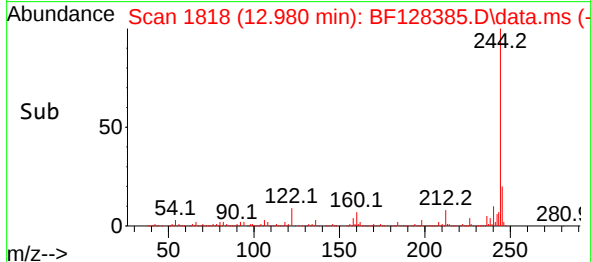
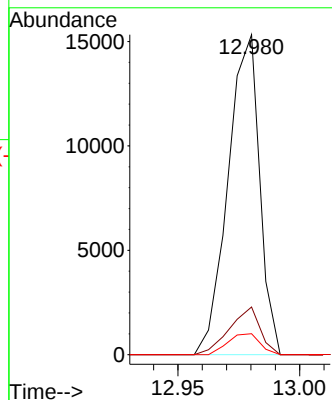
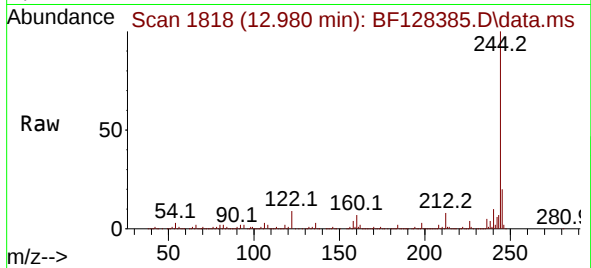




#77
Benzidine
Concen: 3.637 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

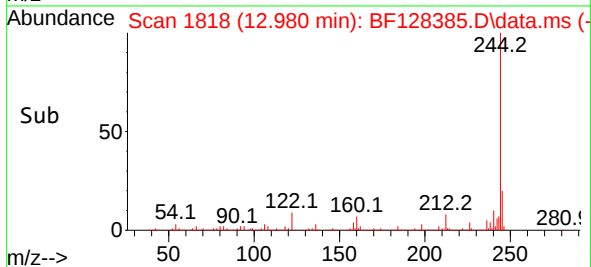
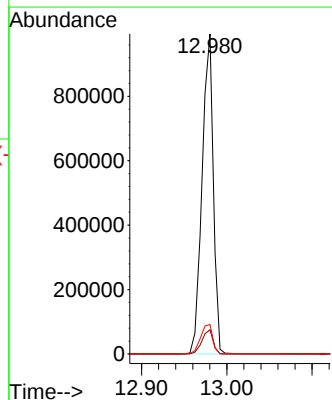
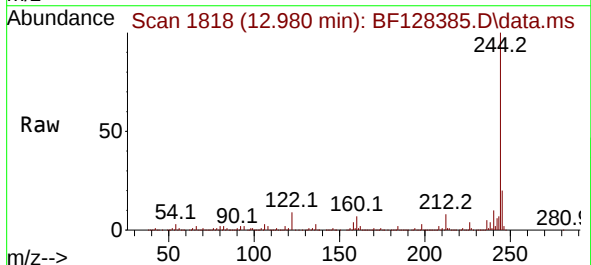
Instrument :
BNA_F
ClientSampleId :
B3

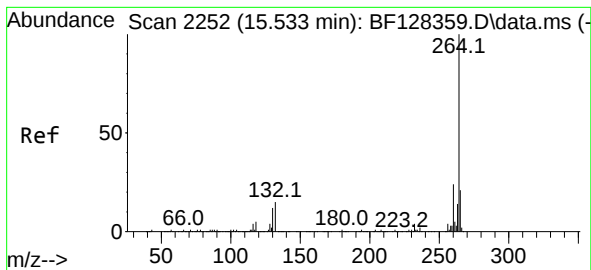
Tgt Ion:184 Resp: 13798
Ion Ratio Lower Upper
184 100
185 14.9 12.1 18.1
183 6.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 96.102 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF128385.D
Acq: 21 May 2022 01:32

Tgt Ion:244 Resp: 908008
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 9.2 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128385.D

Acq: 21 May 2022 01:32

Instrument :

BNA_F

ClientSampleId :

B3

Tgt Ion:264 Resp: 175009

Ion Ratio Lower Upper

264 100

260 23.1 20.1 30.1

265 20.8 17.5 26.3

