

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128312.D
 Acq On : 18 May 2022 15:30
 Operator : CG\JU
 Sample : N2824-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COM-2

Quant Time: May 18 16:50:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

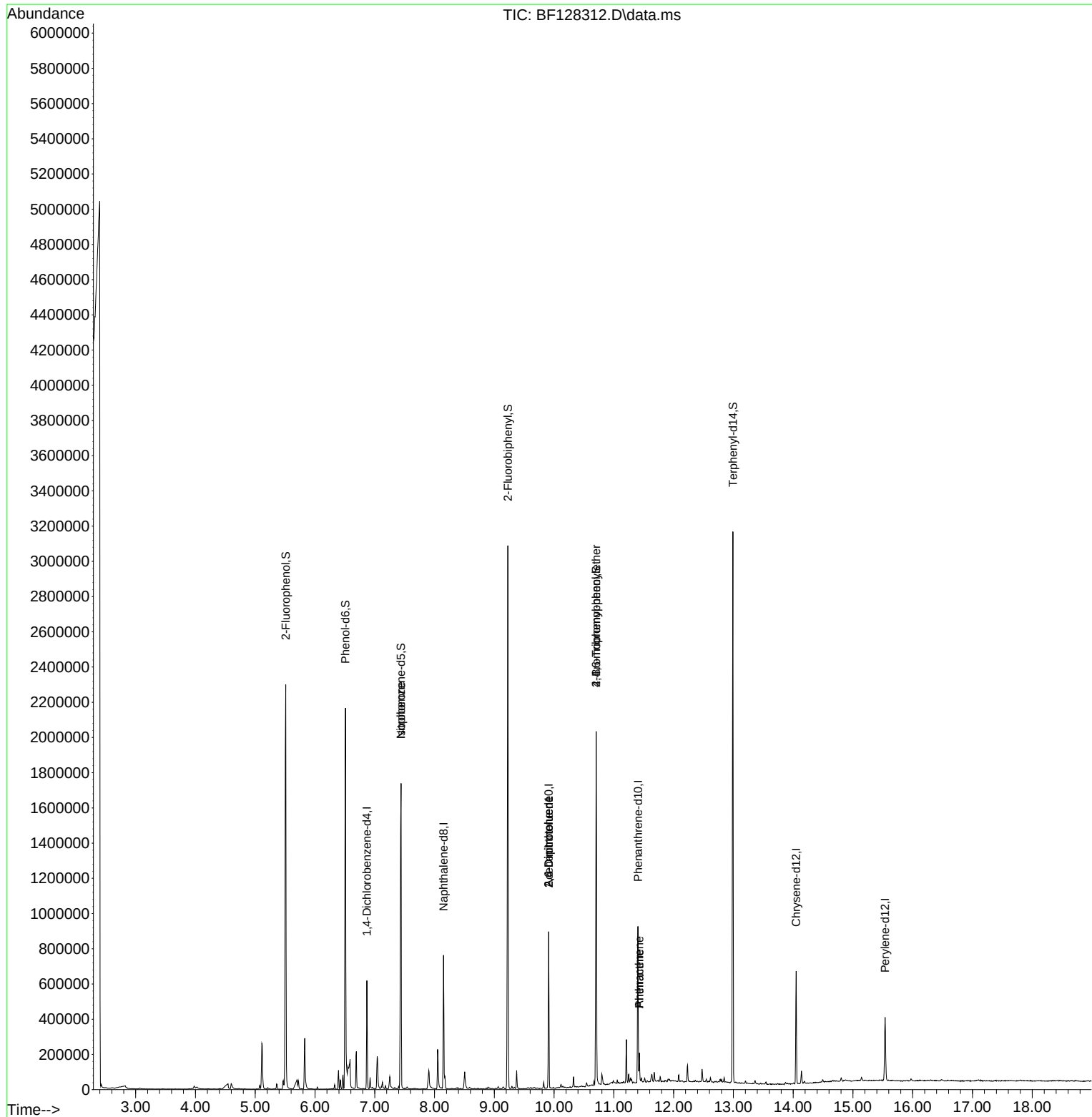
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75208	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	298371	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	167847	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	298081	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	201744	20.000	ng	-0.01
86) Perylene-d12	15.539	264	159624	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	571797	121.200	ng	0.01
7) Phenol-d6	6.510	99	706676	113.249	ng	0.00
23) Nitrobenzene-d5	7.440	82	589316	88.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	232266	120.658	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	937151	87.362	ng	-0.01
79) Terphenyl-d14	12.992	244	1014429	94.352	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	4581	Below Cal	#	1
25) Isophorone	7.440	82	589392	56.695	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	22252	9.365	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	22252	7.004	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	14410	4.493	ng	# 1
71) Phenanthrene	11.428	178	54351	3.662	ng	100
72) Anthracene	11.428	178	54351	3.668	ng	99

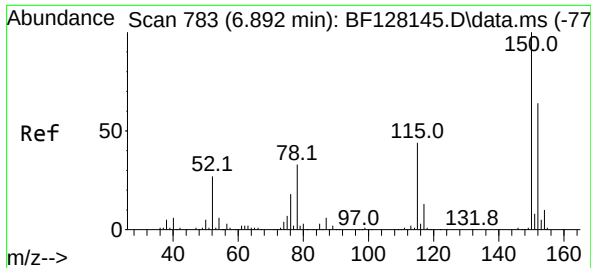
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128312.D
Acq On : 18 May 2022 15:30
Operator : CG\JU
Sample : N2824-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: May 18 16:50:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 01:31:11 2022
Response via : Initial Calibration

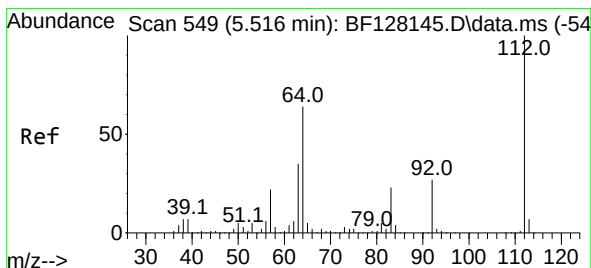
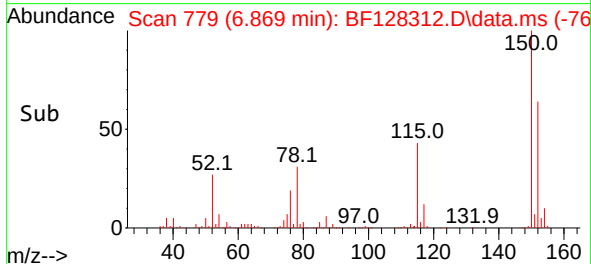
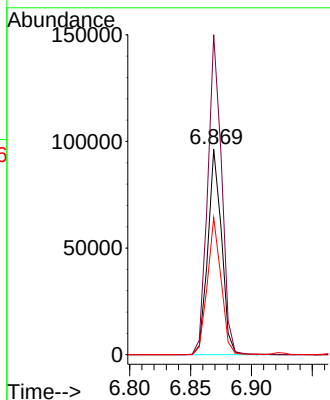
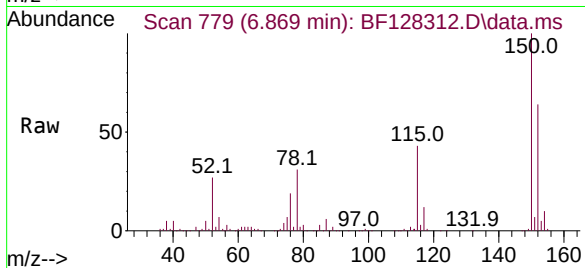




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

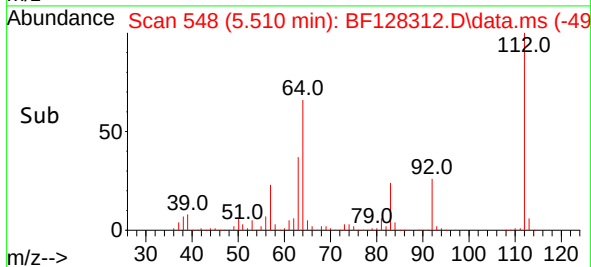
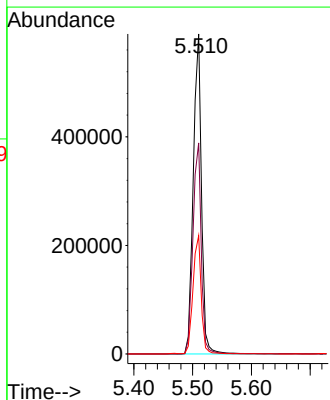
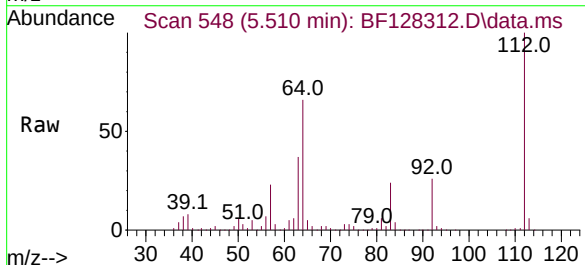
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BNA_F
ClientSampleId :
COM-2

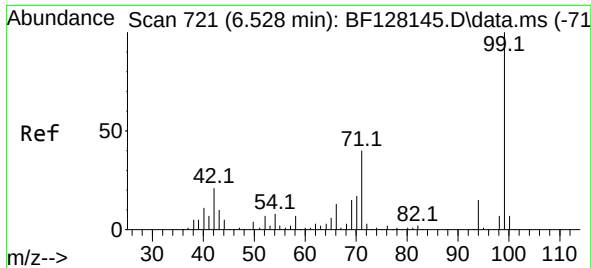
Tgt Ion:152 Resp: 75208
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 66.7 48.8 73.2



#5
2-Fluorophenol
Concen: 121.200 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion:112 Resp: 571797
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 37.0 26.3 39.5

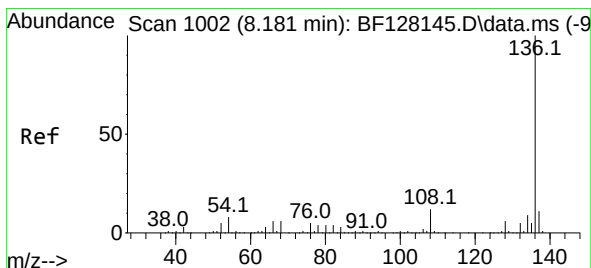
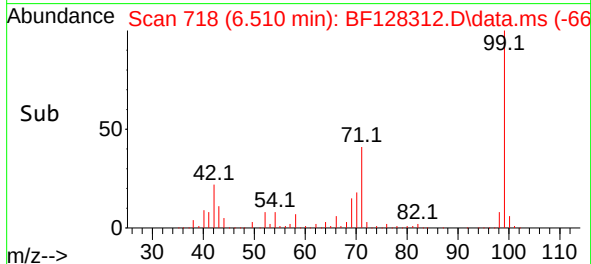
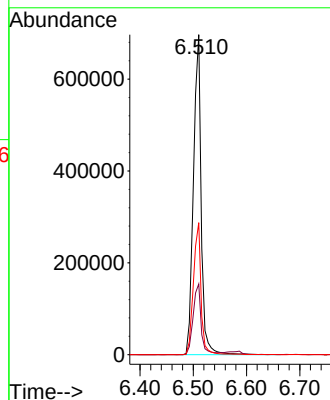
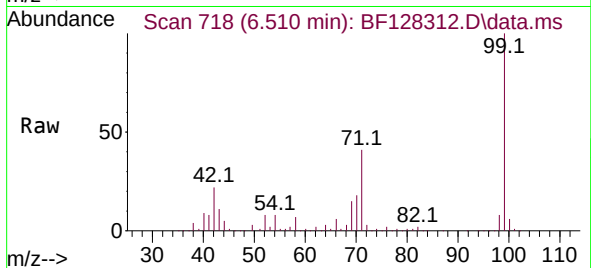




#7
Phenol-d6
Concen: 113.249 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

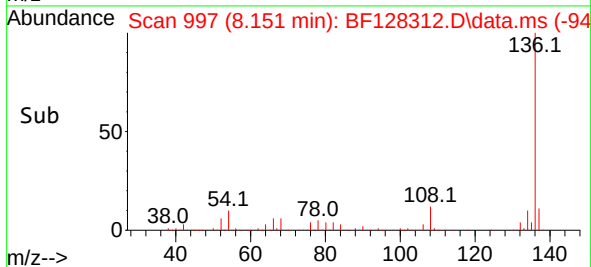
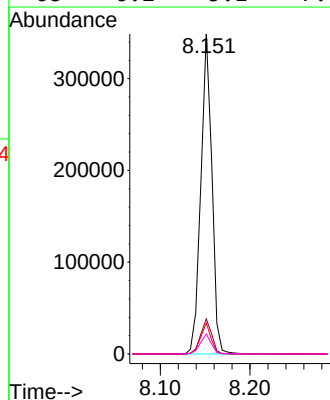
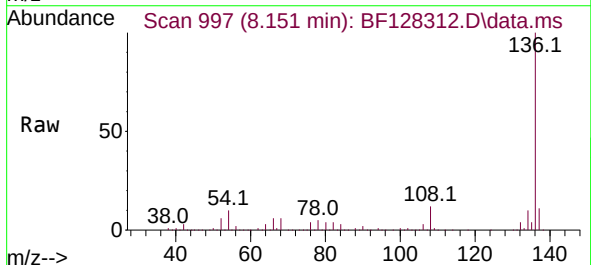
Instrument :
BNA_F
ClientSampleId :
COM-2

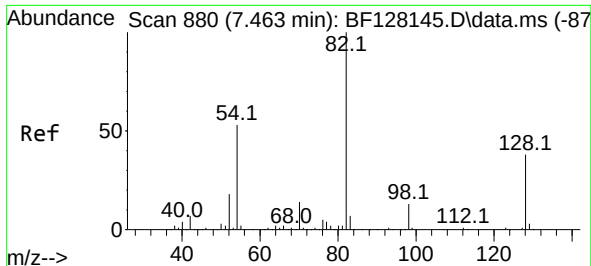
Tgt Ion: 99 Resp: 706676
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.2 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion: 136 Resp: 298371
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 6.8 10.2
68 6.2 5.1 7.7

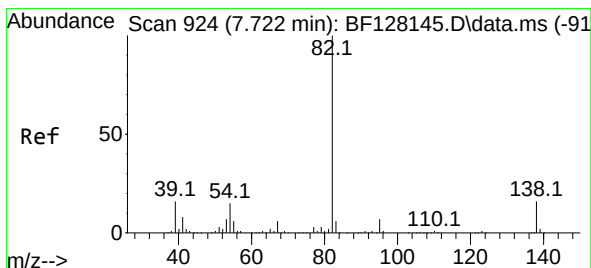
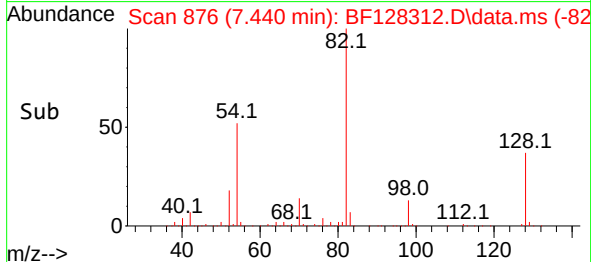
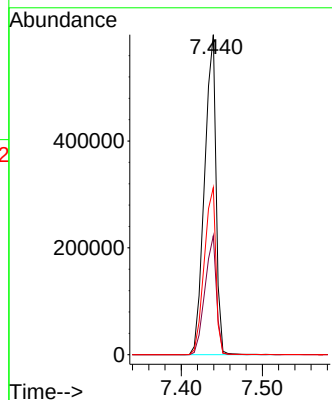
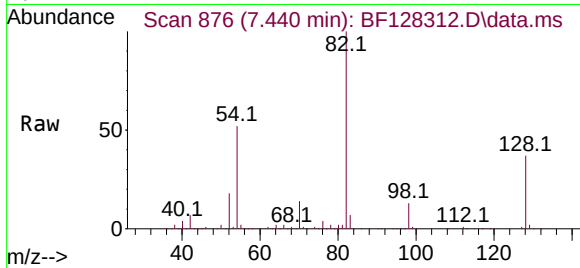




#23
Nitrobenzene-d5
Concen: 88.873 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

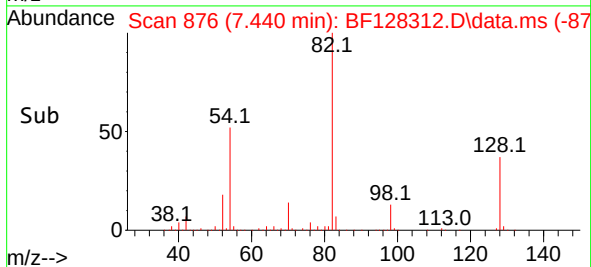
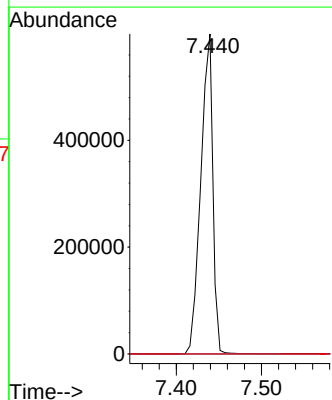
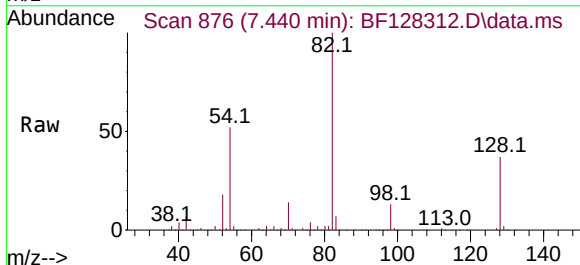
Instrument :
BNA_F
ClientSampleId :
COM-2

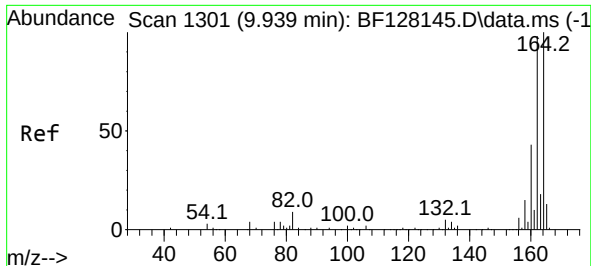
Tgt Ion: 82 Resp: 589316
Ion Ratio Lower Upper
82 100
128 37.2 30.0 45.0
54 52.2 41.3 61.9



#25
Isophorone
Concen: 56.695 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.265 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion: 82 Resp: 589392
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#

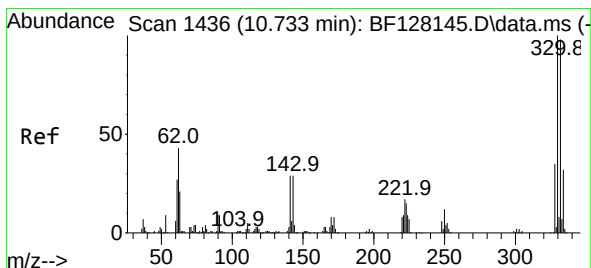
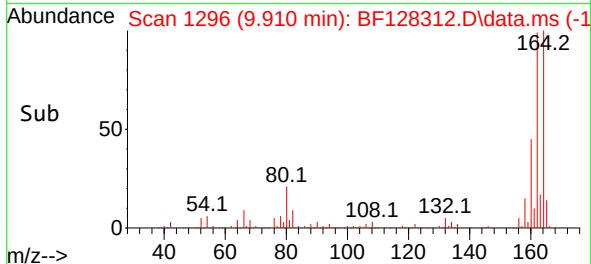
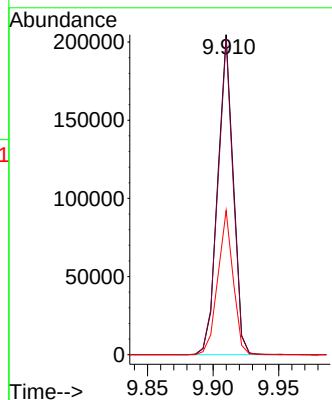
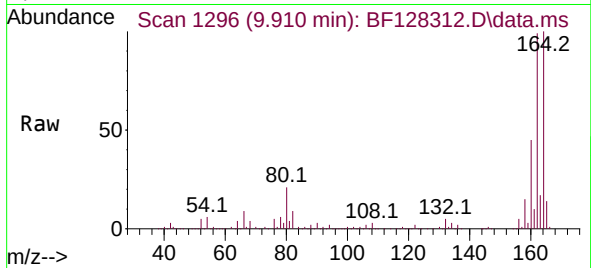




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

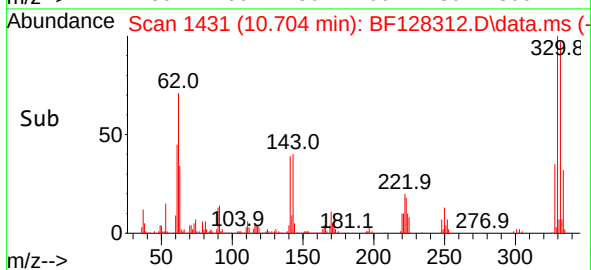
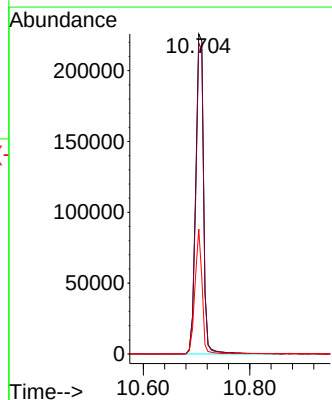
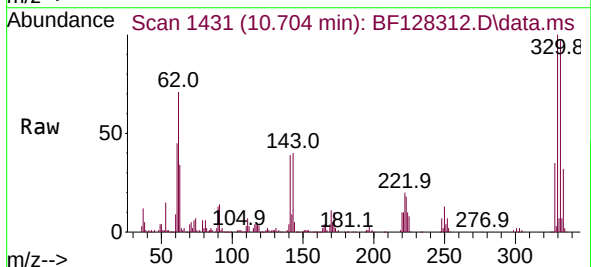
Instrument :
BNA_F
ClientSampleId :
COM-2

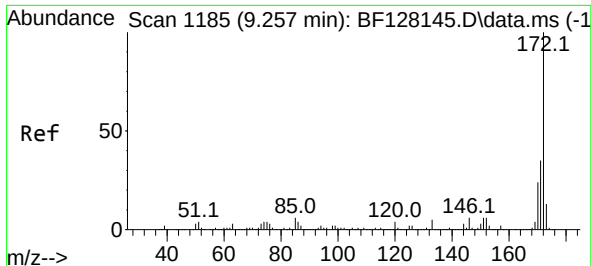
Tgt Ion:164 Resp: 167847
Ion Ratio Lower Upper
164 100
162 98.7 76.0 114.0
160 45.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 120.658 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion:330 Resp: 232266
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 34.9 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 87.362 ng

RT: 9.228 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF128312.D

Acq: 18 May 2022 15:30

Instrument :

BNA_F

ClientSampleId :

COM-2

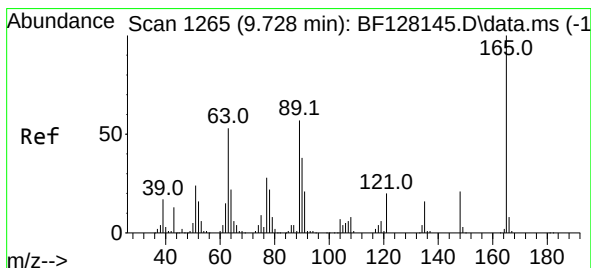
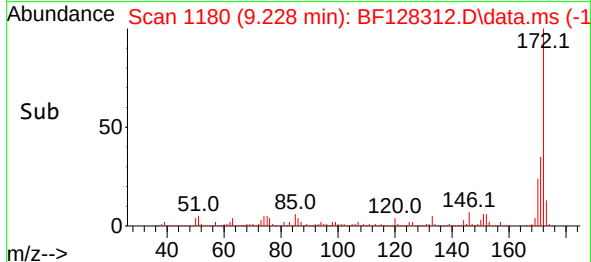
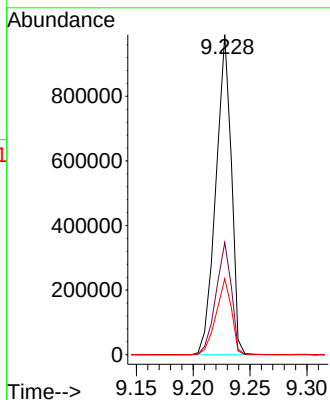
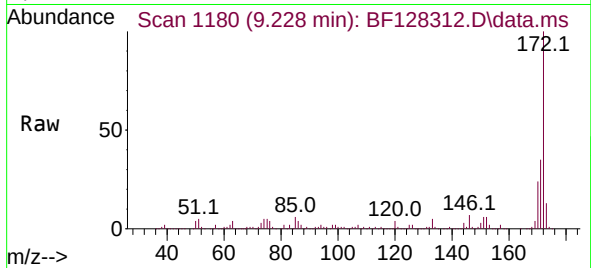
Tgt Ion:172 Resp: 937151

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.8 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.365 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.200 min

Lab File: BF128312.D

Acq: 18 May 2022 15:30

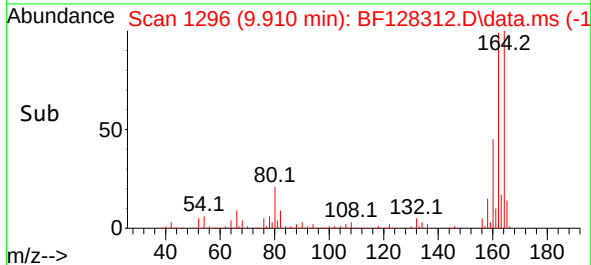
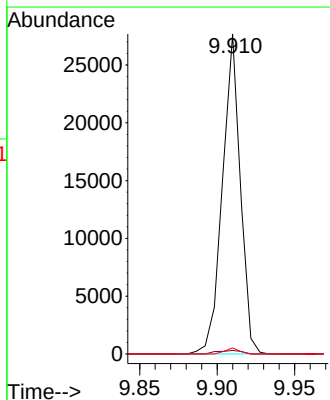
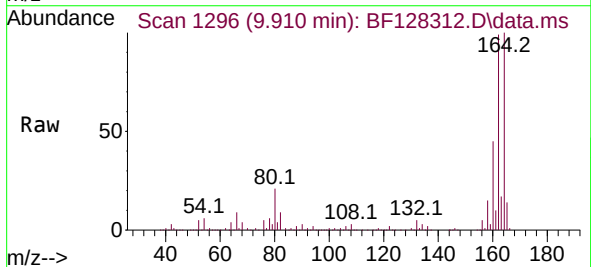
Tgt Ion:165 Resp: 22252

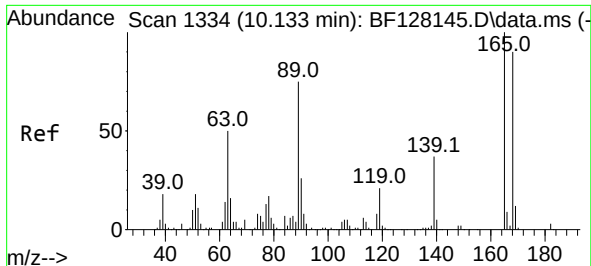
Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.9 49.0 73.4#

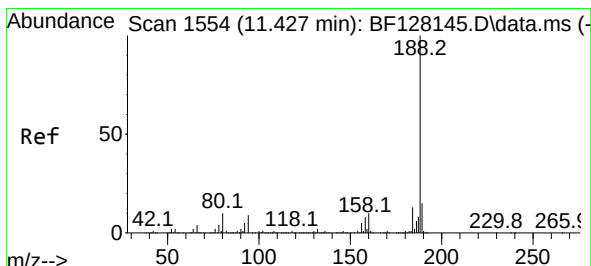
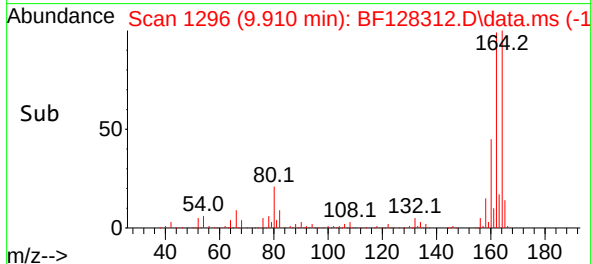
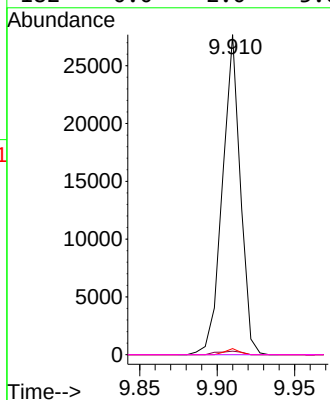
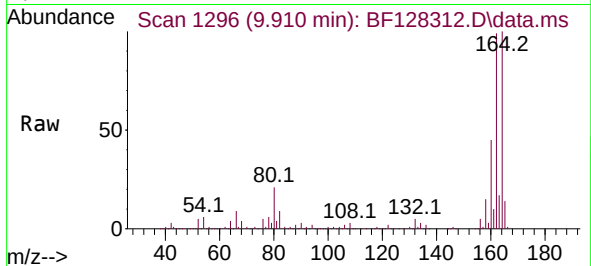




#57
2,4-Dinitrotoluene
Concen: 7.004 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

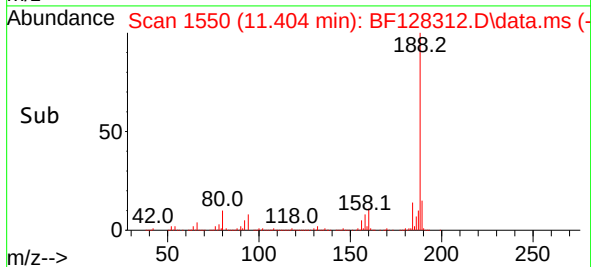
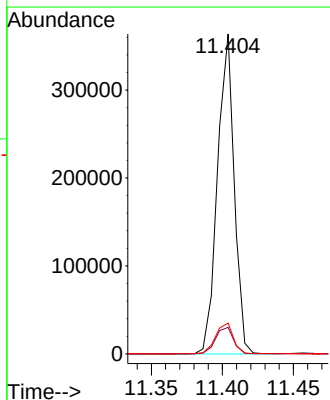
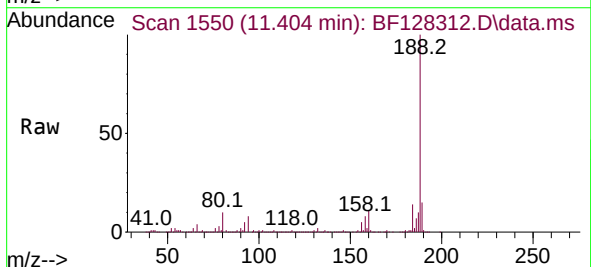
Instrument :
BNA_F
ClientSampleId :
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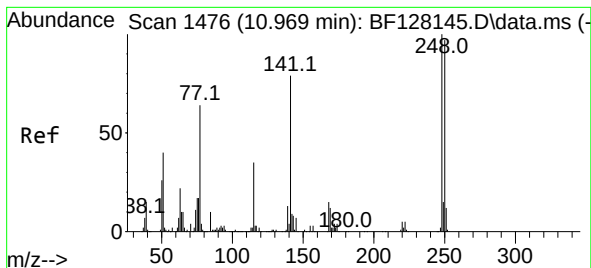
Tgt Ion:165 Resp: 22252
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.9 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion:188 Resp: 298081
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.6 8.9 13.3

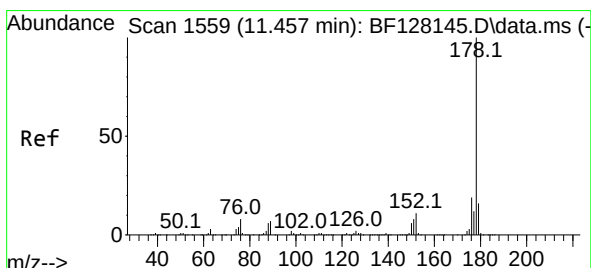
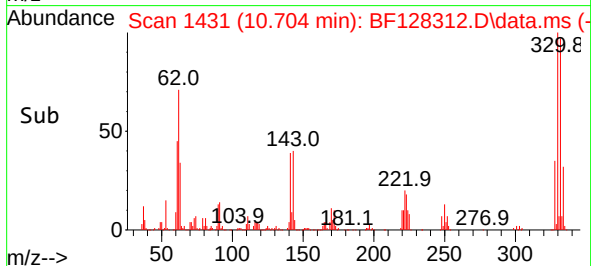
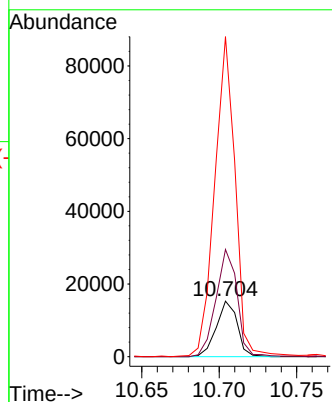
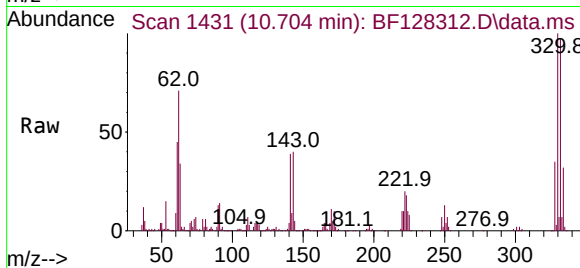




#67
4-Bromophenyl-phenylether
Concen: 4.493 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

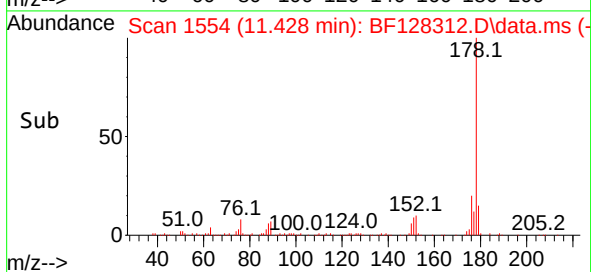
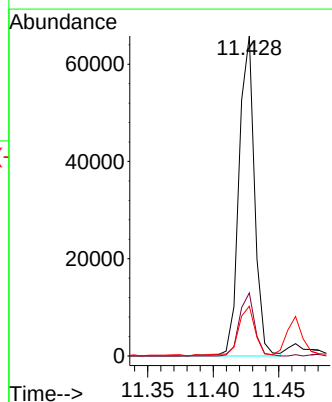
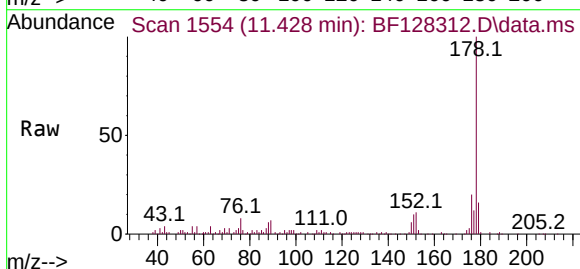
Instrument :
BNA_F
ClientSampleId :
COM-2

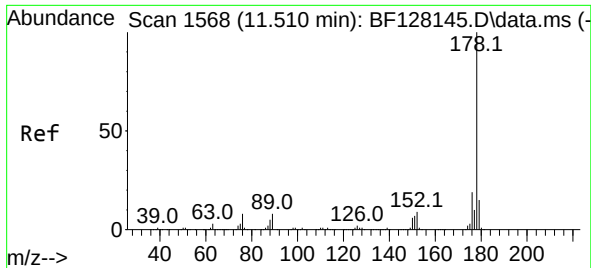
Tgt Ion:248 Resp: 14410
Ion Ratio Lower Upper
248 100
250 193.2 77.7 116.5#
141 577.0 65.6 98.4#



#71
Phenanthrene
Concen: 3.662 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BF128312.D
Acq: 18 May 2022 15:30

Tgt Ion:178 Resp: 54351
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.5 12.6 19.0

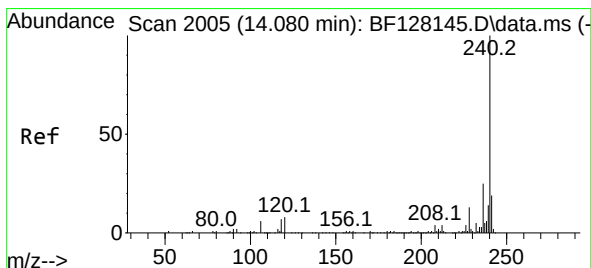
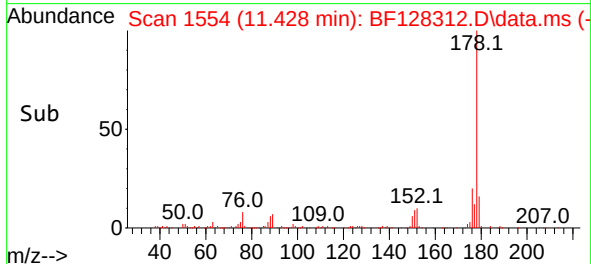
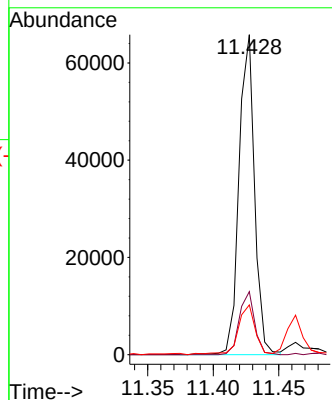
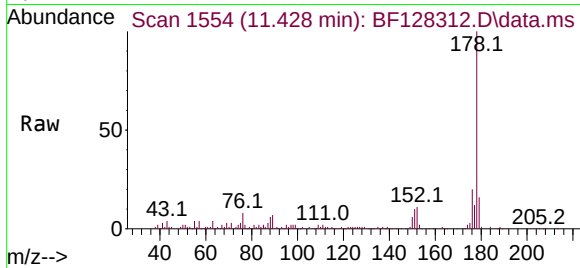




#72
 Anthracene
 Concen: 3.668 ng
 RT: 11.428 min Scan# 11
 Delta R.T. -0.065 min
 Lab File: BF128312.D
 Acq: 18 May 2022 15:30

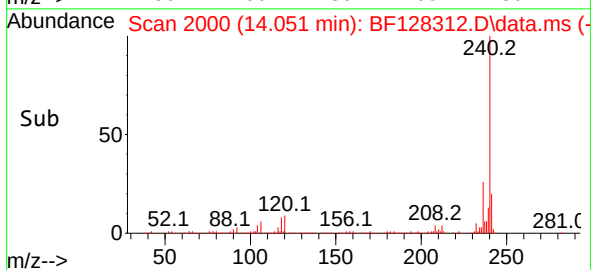
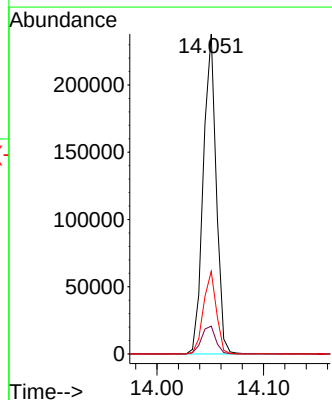
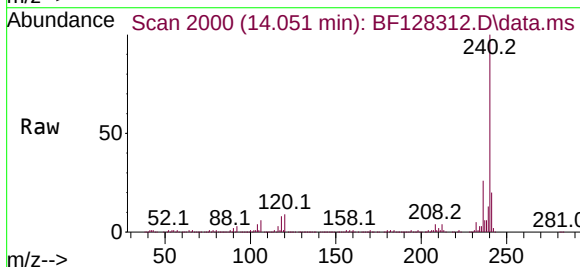
Instrument :
 BNA_F
 ClientSampleId :
 COM-2

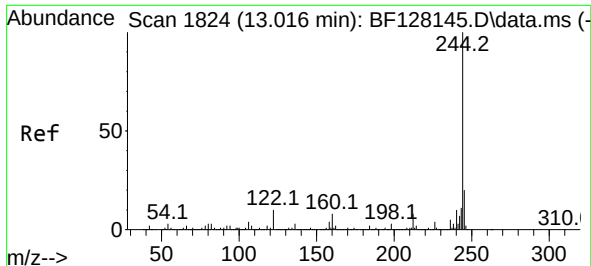
Tgt Ion:178 Resp: 54351
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.0 22.6
 179 15.5 12.4 18.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.051 min Scan# 2000
 Delta R.T. -0.012 min
 Lab File: BF128312.D
 Acq: 18 May 2022 15:30

Tgt Ion:240 Resp: 201744
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.0 10.6
 236 25.8 20.3 30.5

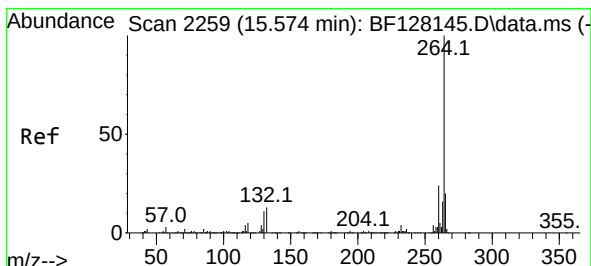
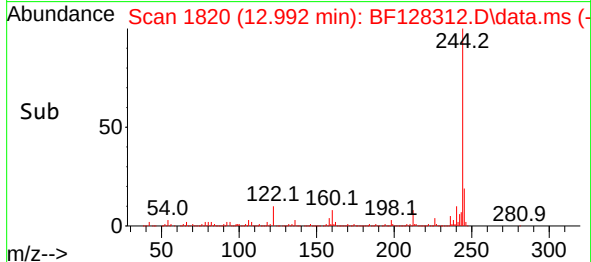
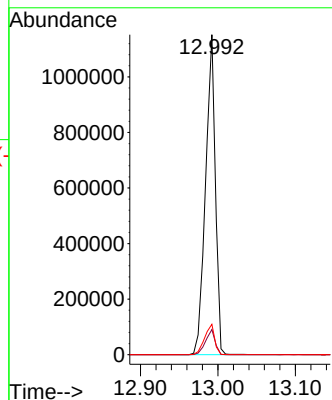
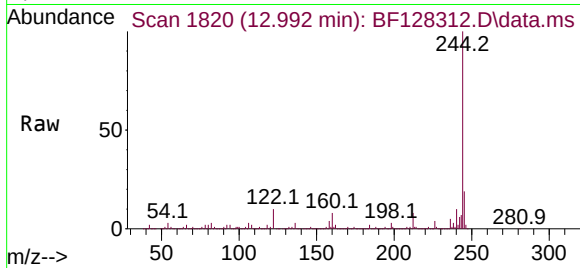




#79
 Terphenyl-d14
 Concen: 94.352 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128312.D
 Acq: 18 May 2022 15:30

Instrument :
 BNA_F
 ClientSampleId :
 COM-2

Tgt Ion:244 Resp: 1014429
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.018 min
 Lab File: BF128312.D
 Acq: 18 May 2022 15:30

Tgt Ion:264 Resp: 159624
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.1 30.1
 265 20.3 17.5 26.3

