

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128321.D
 Acq On : 18 May 2022 19:55
 Operator : CG\JU
 Sample : N2910-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D2474-ROCKS

Quant Time: May 19 06:50:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

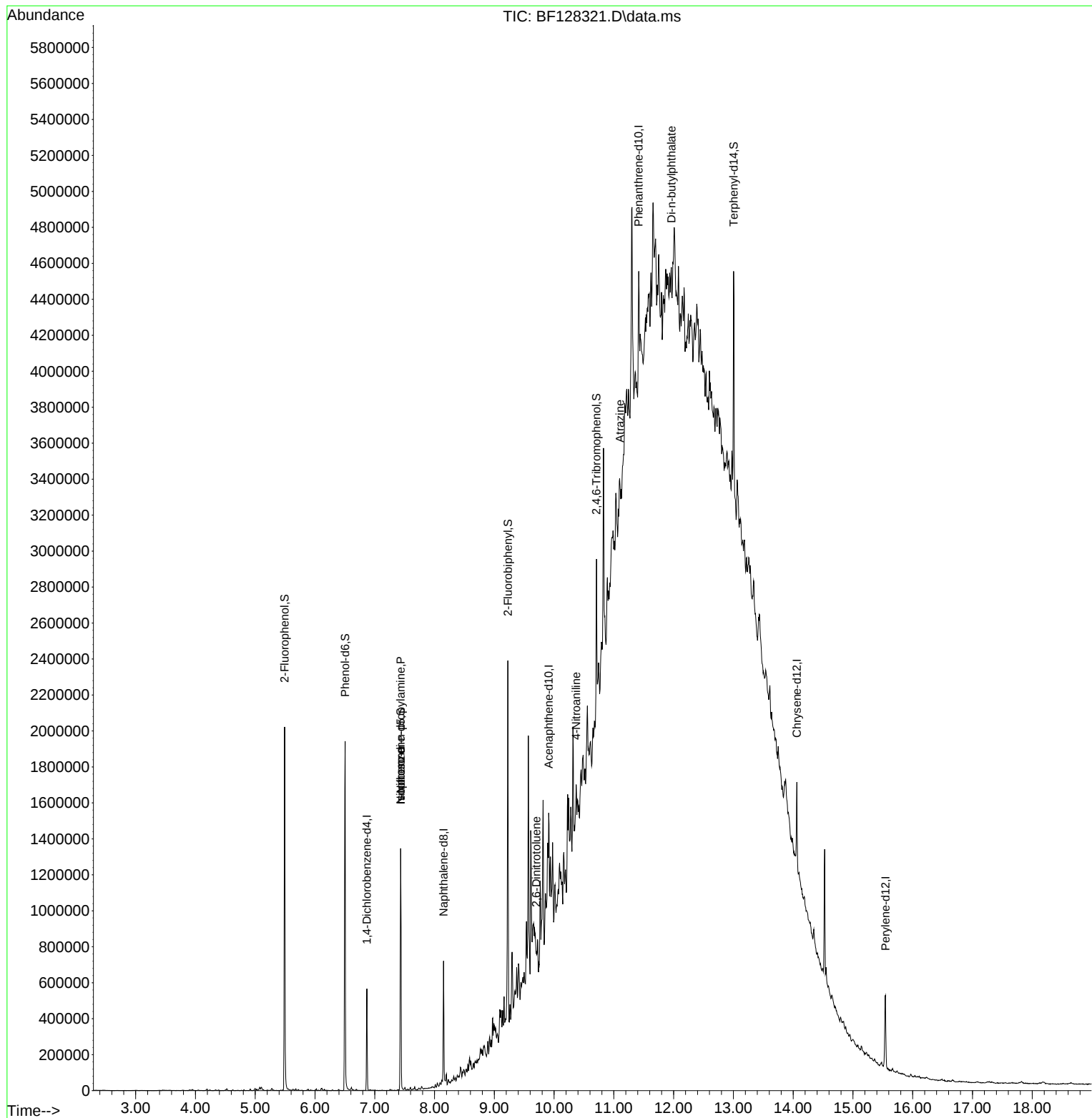
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73744	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	259745	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	105735	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	134479	20.000	ng	# 0.01
76) Chrysene-d12	14.063	240	153363	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	188741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	479634	103.683	ng	0.00
7) Phenol-d6	6.504	99	618513	101.088	ng	0.00
23) Nitrobenzene-d5	7.434	82	427932	74.132	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	98342	81.097	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	563162	83.338	ng	0.00
79) Terphenyl-d14	13.004	244	482946	59.089	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1169	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	57363	15.224	ng	# 82
25) Isophorone	7.434	82	427927	47.285	ng	# 68
51) 2,6-Dinitrotoluene	9.704	165	3165	2.115	ng	# 35
62) 4-Nitroaniline	10.369	138	9676	5.882	ng	90
69) Atrazine	11.104	200	7575	5.730	ng	# 1
74) Di-n-butylphthalate	11.963	149	20151	2.753	ng	# 30

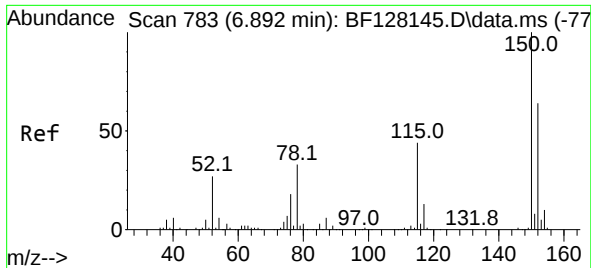
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
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Quant Time: May 19 06:50:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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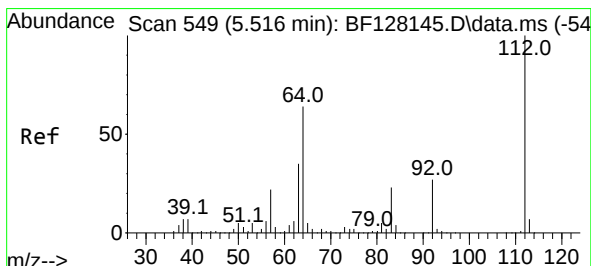
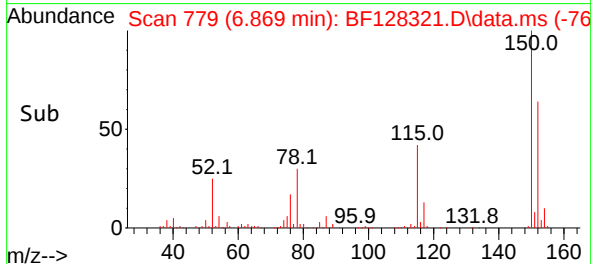
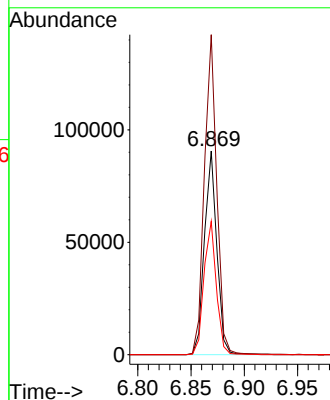
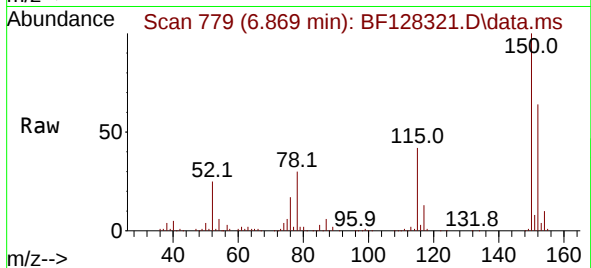




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128321.D
 Acq: 18 May 2022 19:55

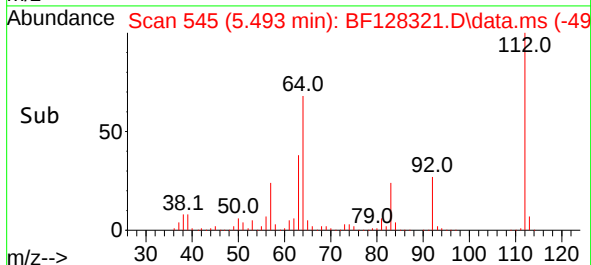
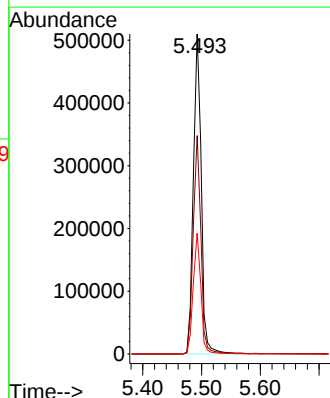
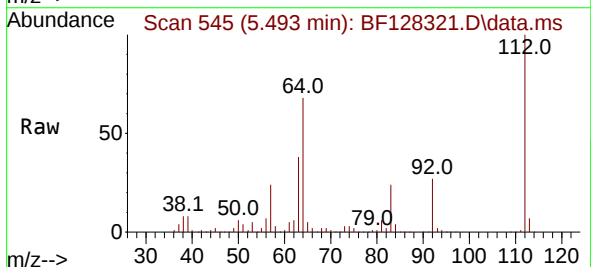
Instrument :
 BNA_F
 ClientSampleId :
 D2474-ROCKS

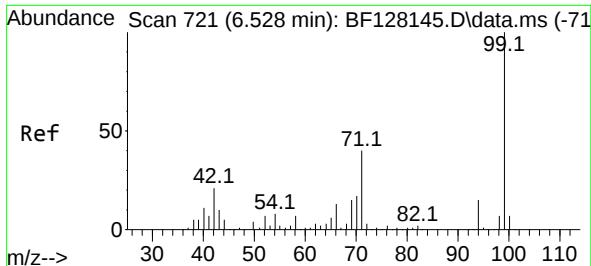
Tgt Ion:152 Resp: 73744
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.3 187.9
 115 65.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 103.683 ng
 RT: 5.493 min Scan# 545
 Delta R.T. 0.000 min
 Lab File: BF128321.D
 Acq: 18 May 2022 19:55

Tgt Ion:112 Resp: 479634
 Ion Ratio Lower Upper
 112 100
 64 68.2 49.5 74.3
 63 37.7 26.3 39.5

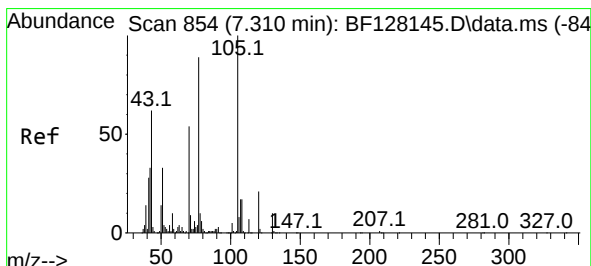
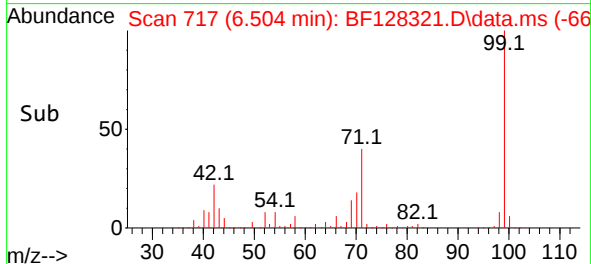
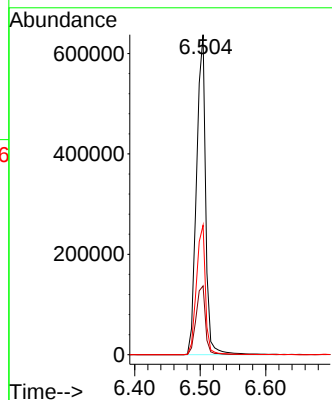
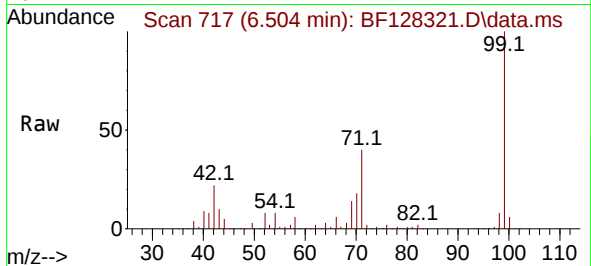




#7
Phenol-d6
Concen: 101.088 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

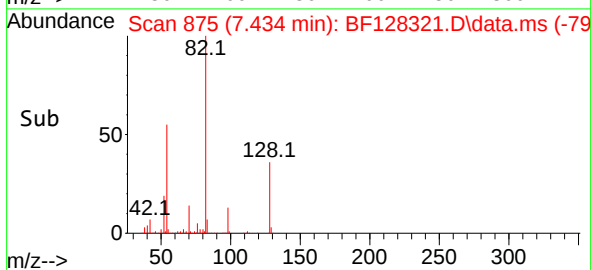
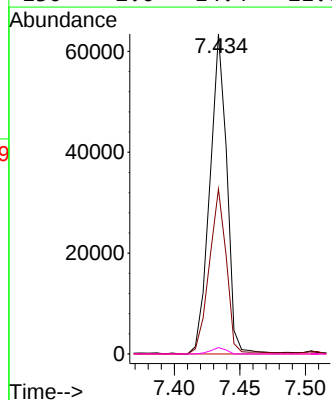
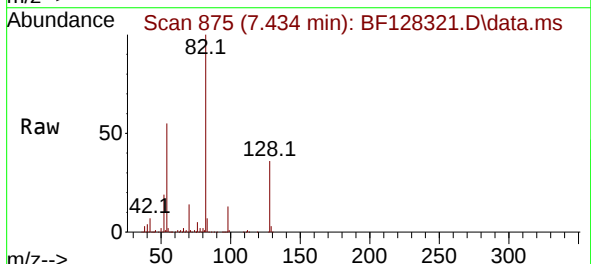
Instrument :
BNA_F
ClientSampleId :
D2474-ROCKS

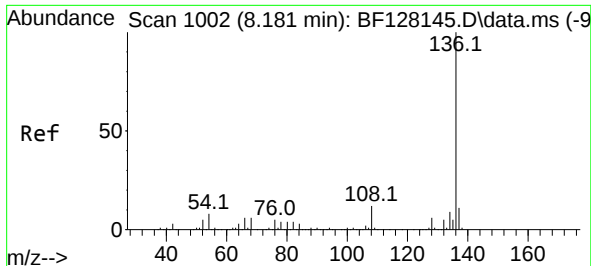
Tgt Ion: 99 Resp: 618513
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.224 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion: 70 Resp: 57363
Ion Ratio Lower Upper
70 100
42 51.6 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

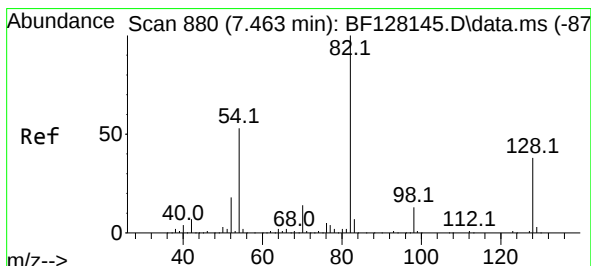
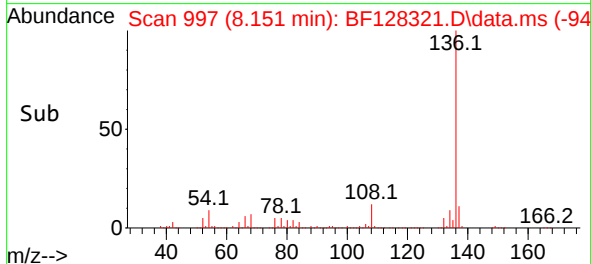
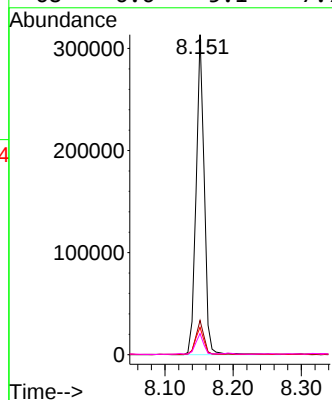
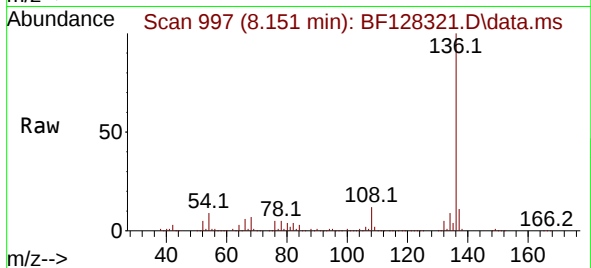




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

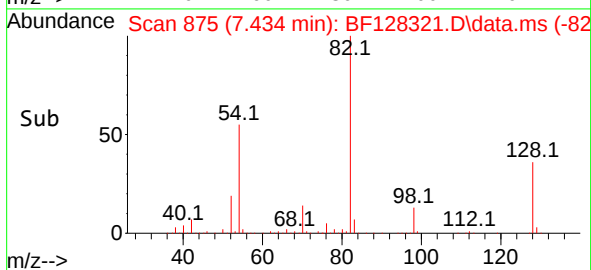
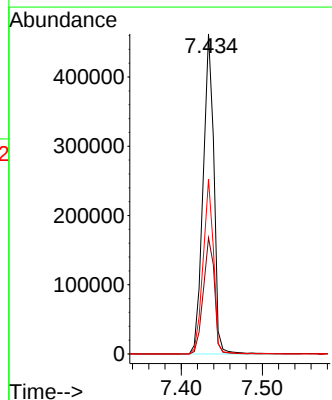
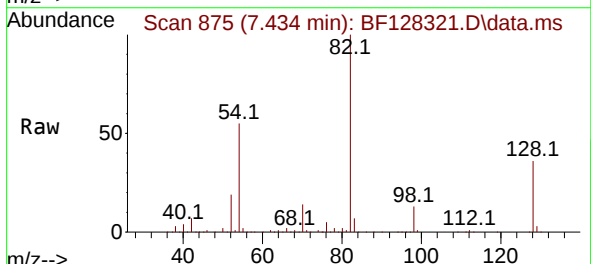
Instrument :
BNA_F
ClientSampleId :
D2474-ROCKS

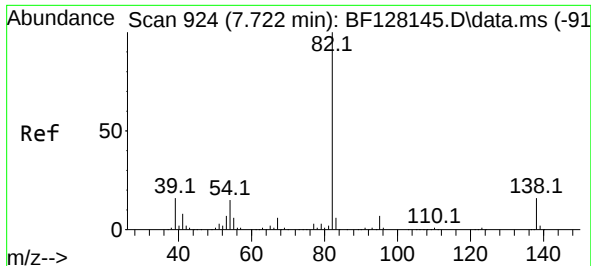
Tgt Ion:136	Resp: 259745
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 8.6	6.8 10.2
68 6.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 74.132 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion: 82	Resp: 427932
Ion Ratio	Lower Upper
82 100	
128 36.3	30.0 45.0
54 54.5	41.3 61.9

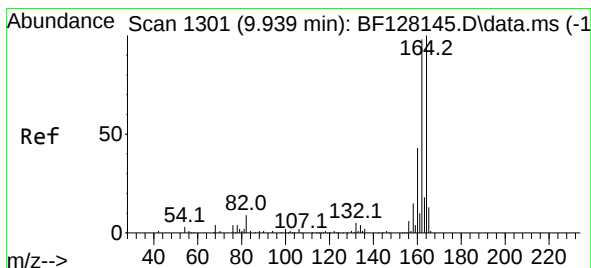
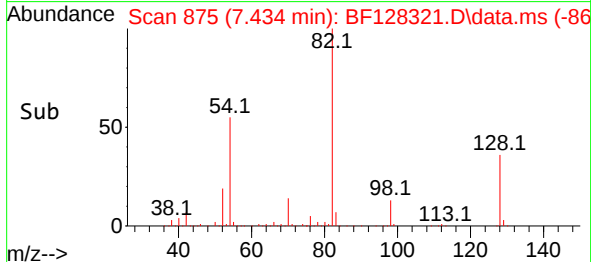
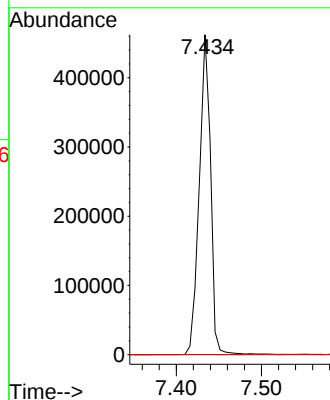
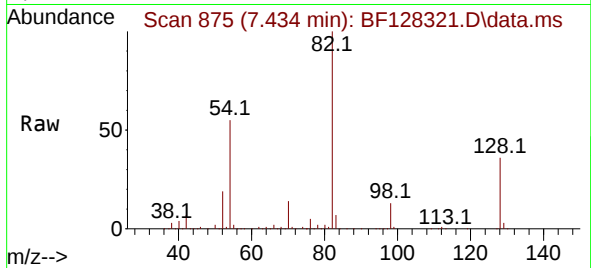




#25
Isophorone
Concen: 47.285 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

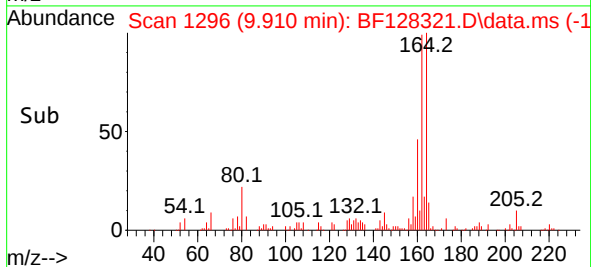
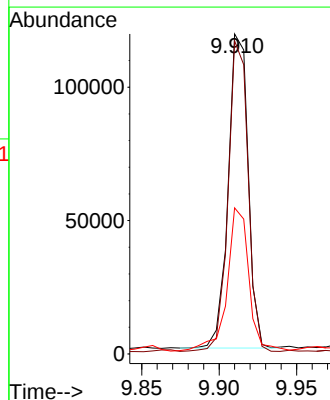
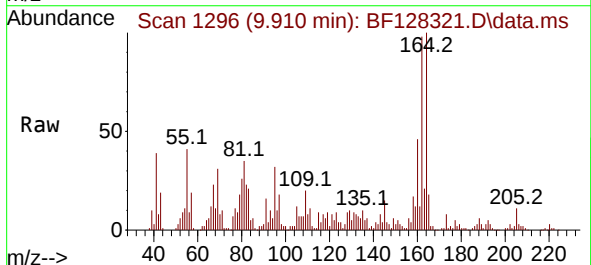
Instrument :
BNA_F
ClientSampleId :
D2474-ROCKS

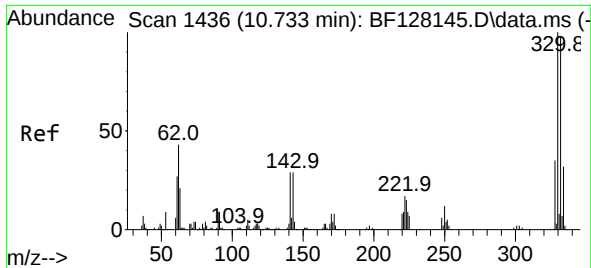
Tgt Ion: 82 Resp: 427927
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion:164 Resp: 105735
Ion Ratio Lower Upper
164 100
162 97.8 76.0 114.0
160 45.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 81.097 ng

RT: 10.710 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF128321.D

Acq: 18 May 2022 19:55

Instrument :

BNA_F

ClientSampleId :

D2474-ROCKS

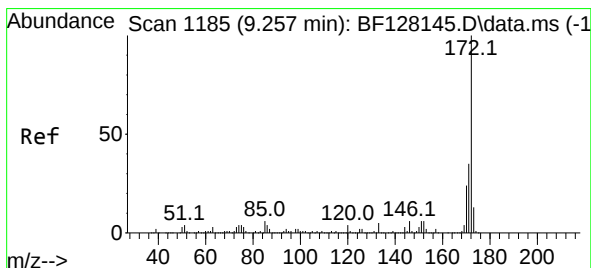
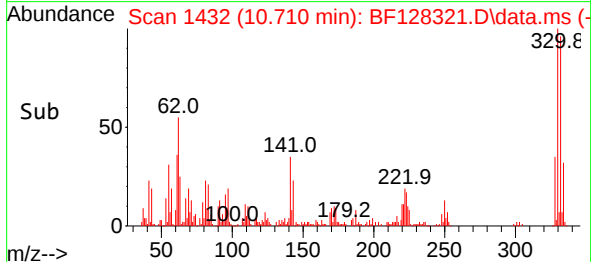
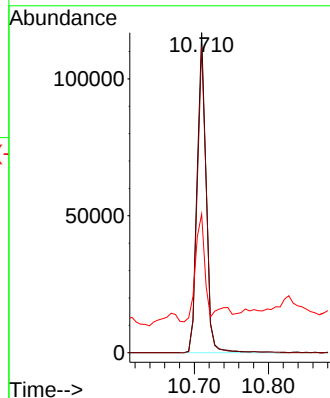
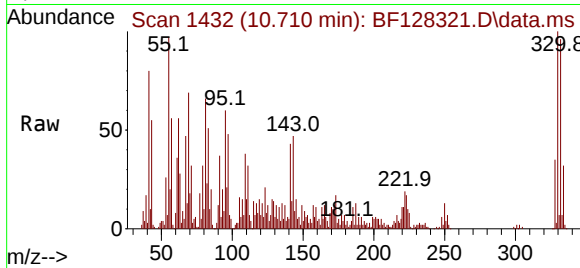
Tgt Ion:330 Resp: 98342

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

141 35.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 83.338 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF128321.D

Acq: 18 May 2022 19:55

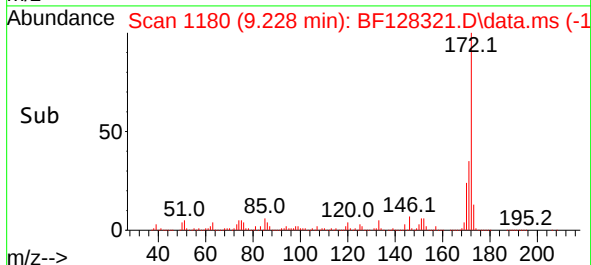
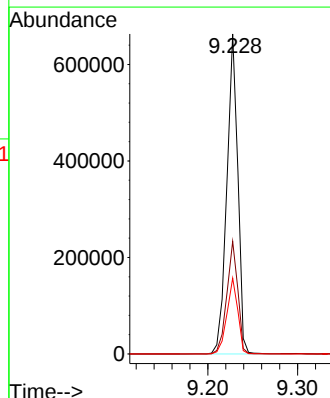
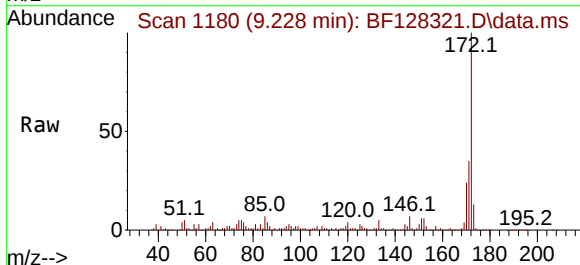
Tgt Ion:172 Resp: 563162

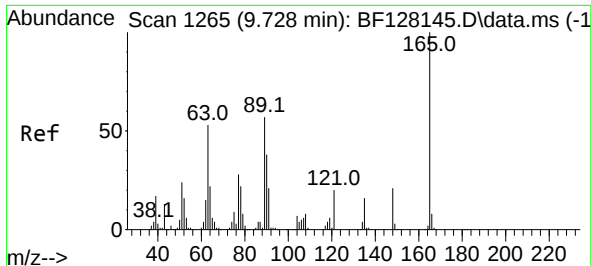
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.7 19.1 28.7

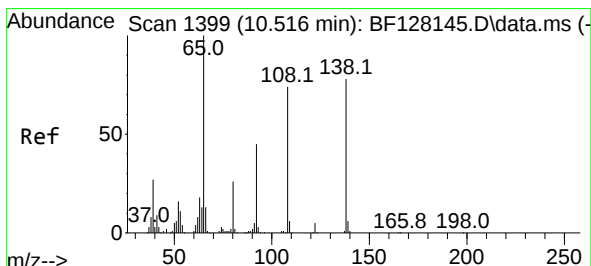
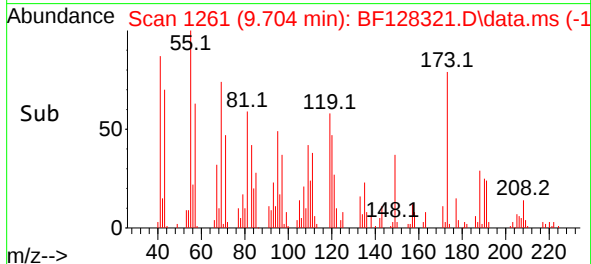
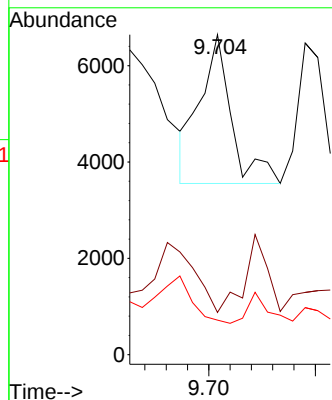
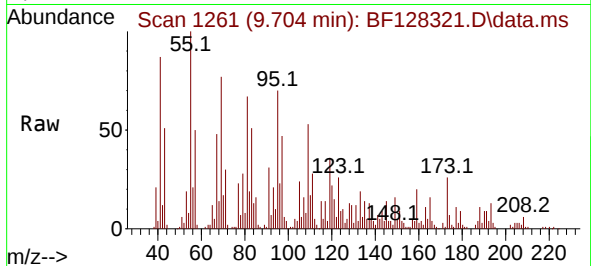




#51
2,6-Dinitrotoluene
Concen: 2.115 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

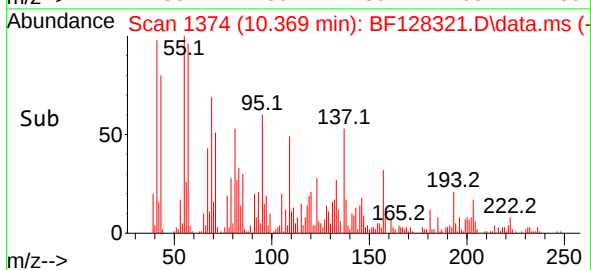
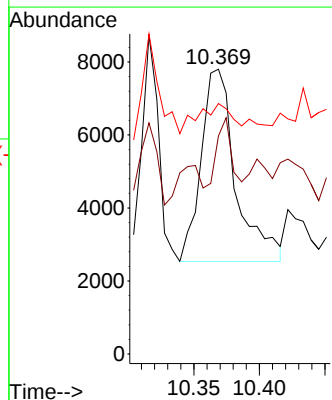
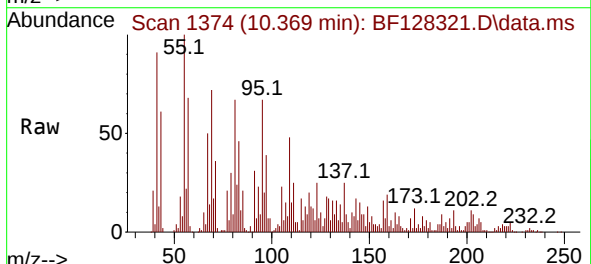
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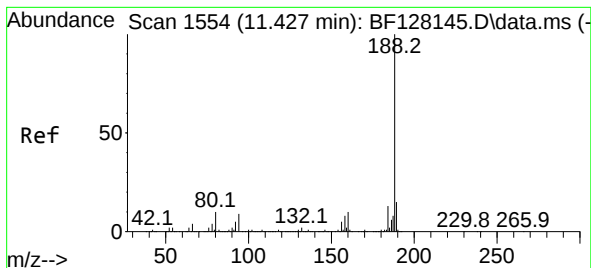
Tgt Ion:165 Resp: 3165
Ion Ratio Lower Upper
165 100
63 13.2 49.5 74.3#
89 10.8 49.0 73.4#



#62
4-Nitroaniline
Concen: 5.882 ng
RT: 10.369 min Scan# 1374
Delta R.T. -0.129 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion:138 Resp: 9676
Ion Ratio Lower Upper
138 100
92 76.5 37.4 77.4
108 87.9 68.4 108.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF128321.D

Acq: 18 May 2022 19:55

Instrument :

BNA_F

ClientSampleId :

D2474-ROCKS

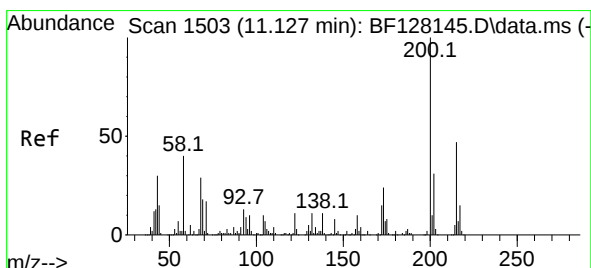
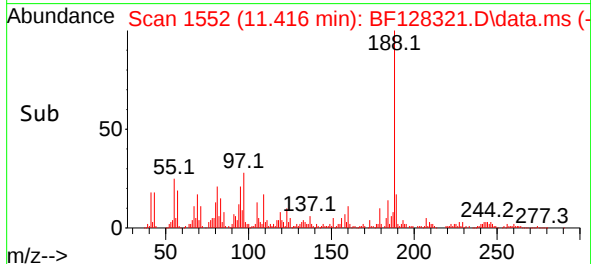
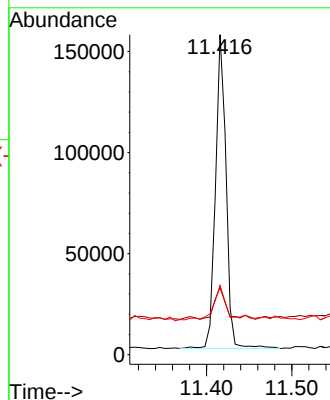
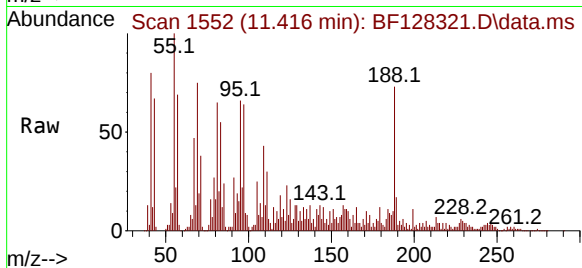
Tgt Ion:188 Resp: 134479

Ion Ratio Lower Upper

188 100

94 21.0 8.0 12.0#

80 21.7 8.9 13.3#



#69

Atrazine

Concen: 5.730 ng

RT: 11.104 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF128321.D

Acq: 18 May 2022 19:55

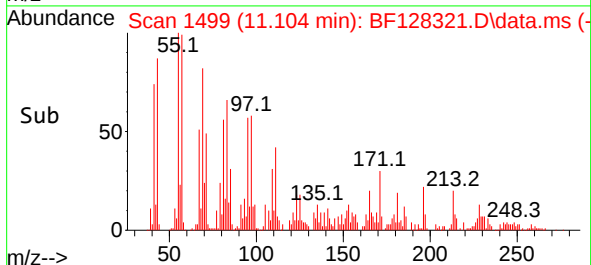
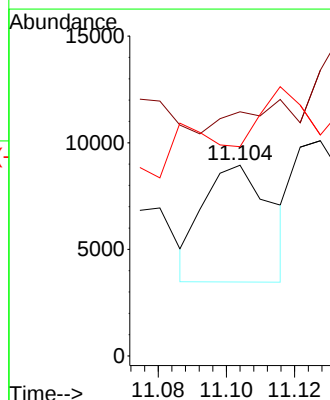
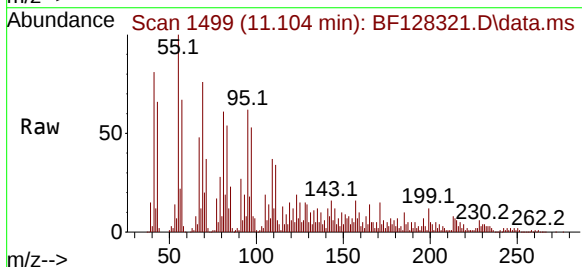
Tgt Ion:200 Resp: 7575

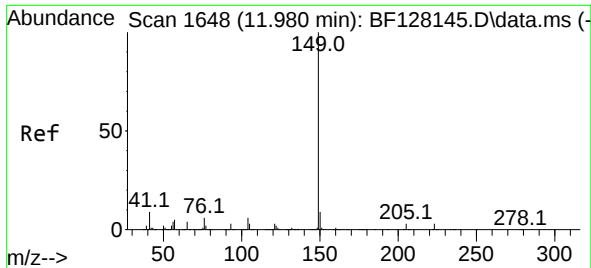
Ion Ratio Lower Upper

200 100

173 128.1 6.0 46.0#

215 109.7 28.1 68.1#

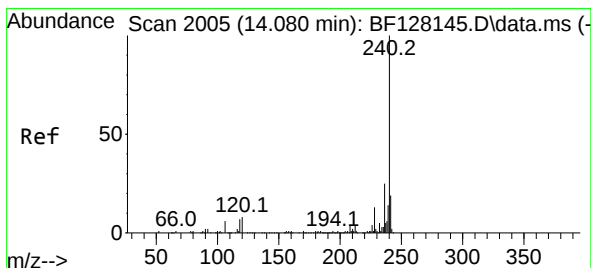
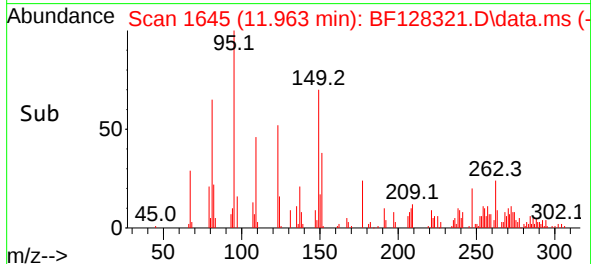
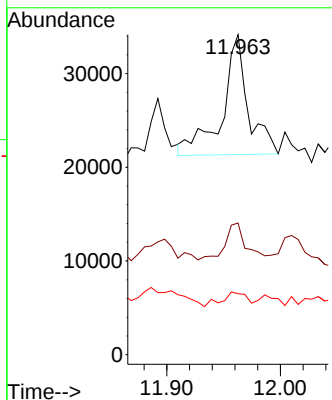
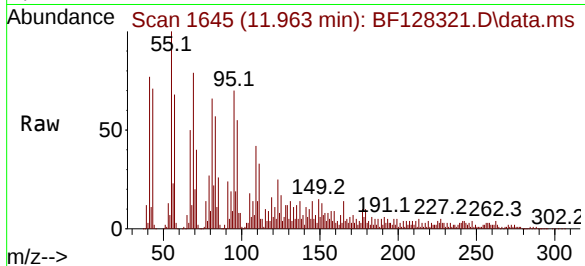




#74
Di-n-butylphthalate
Concen: 2.753 ng
RT: 11.963 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

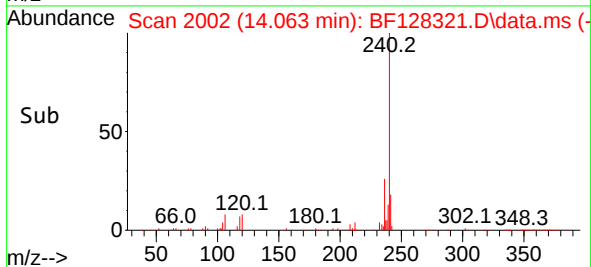
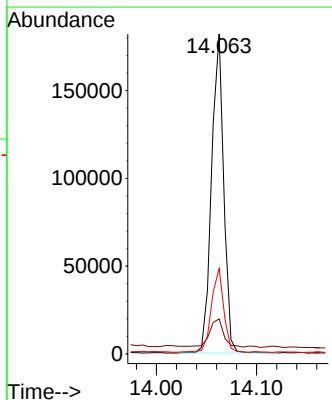
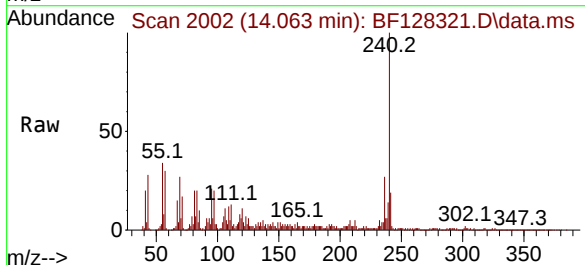
Instrument :
BNA_F
ClientSampleId :
D2474-ROCKS

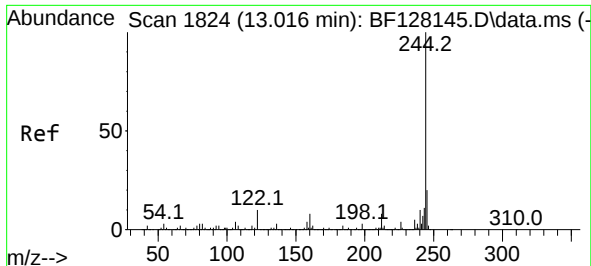
Tgt Ion:149 Resp: 20151
Ion Ratio Lower Upper
149 100
150 41.2 7.5 11.3#
104 19.1 4.3 6.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion:240 Resp: 153363
Ion Ratio Lower Upper
240 100
120 11.0 7.0 10.6#
236 26.7 20.3 30.5

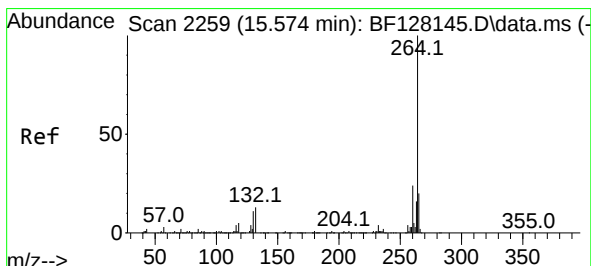
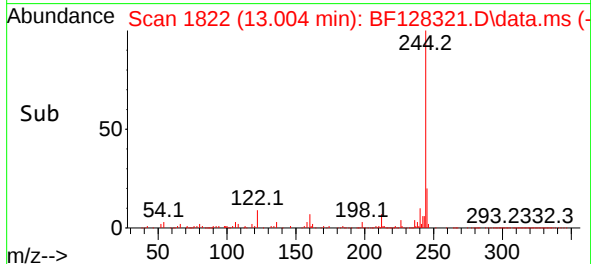
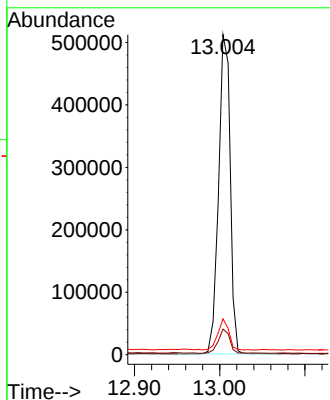
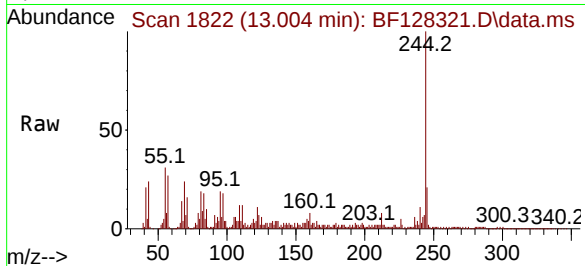




#79
 Terphenyl-d14
 Concen: 59.089 ng
 RT: 13.004 min Scan# 1824
 Delta R.T. 0.012 min
 Lab File: BF128321.D
 Acq: 18 May 2022 19:55

Instrument :
 BNA_F
 ClientSampleId :
 D2474-ROCKS

Tgt Ion:244 Resp: 482946
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. 0.000 min
 Lab File: BF128321.D
 Acq: 18 May 2022 19:55

Tgt Ion:264 Resp: 188741
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.1 17.5 26.3

