

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128290.D
 Acq On : 17 May 2022 14:45
 Operator : CG\JU
 Sample : N2878-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS022-0006-01

Quant Time: May 18 01:33:44 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)

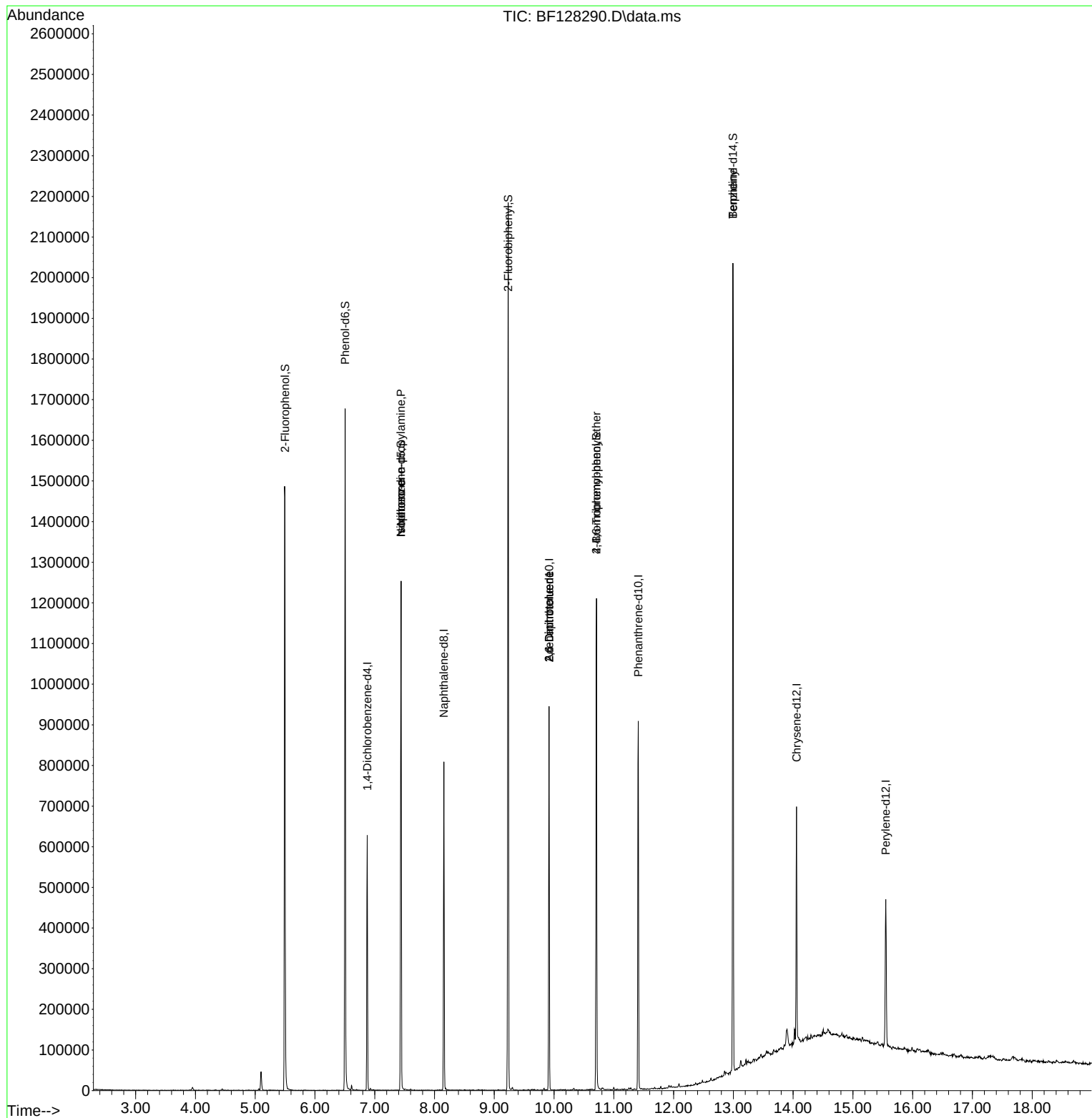
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	79961	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	312263	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	176081	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	324612	20.000	ng	0.00
76) Chrysene-d12	14.057	240	194624	20.000	ng	0.00
86) Perylene-d12	15.551	264	160232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	383695	76.495	ng	0.00
7) Phenol-d6	6.504	99	501857	75.645	ng	-0.01
23) Nitrobenzene-d5	7.440	82	370961	53.455	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	138857	68.760	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	606968	53.936	ng	0.00
79) Terphenyl-d14	12.992	244	674585	65.038	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	935	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.440	70	49995	12.237	ng	# 80
25) Isophorone	7.440	82	371013	34.101	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	22709	9.111	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	22709	6.813	ng	# 25
67) 4-Bromophenyl-phenylether	10.710	248	8324	2.383	ng	# 1
77) Benizidine	12.992	184	10223	2.425	ng	# 94

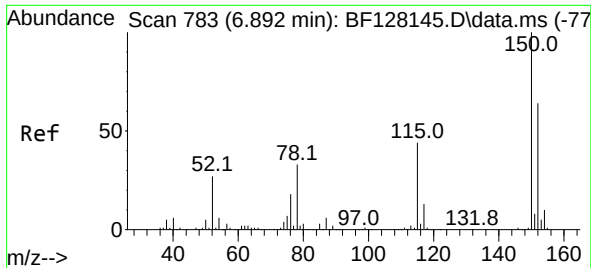
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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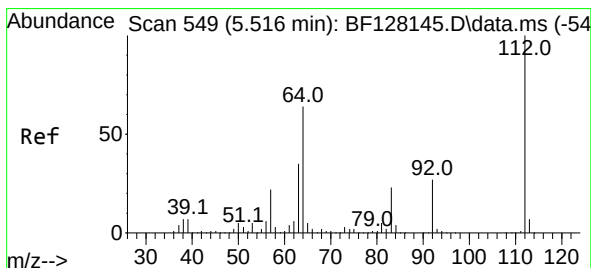
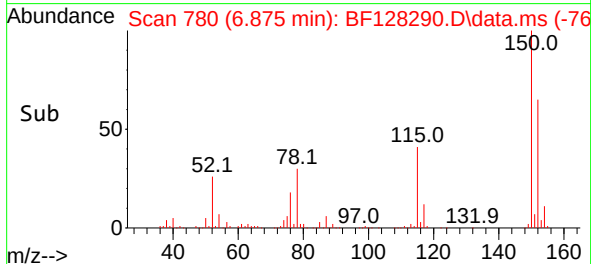
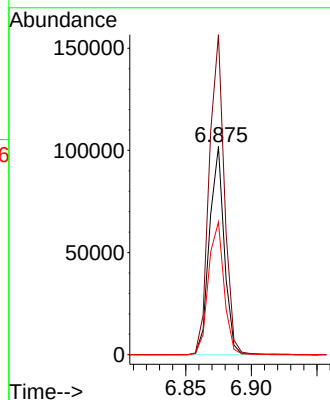
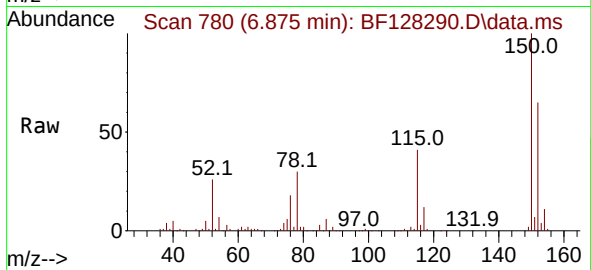




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128290.D
 Acq: 17 May 2022 14:45

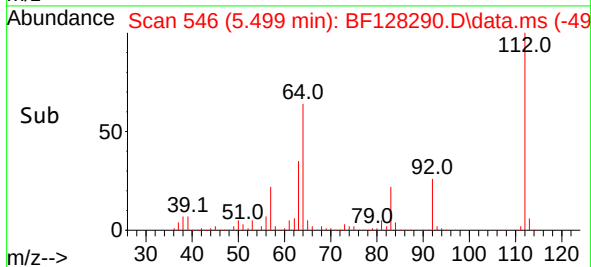
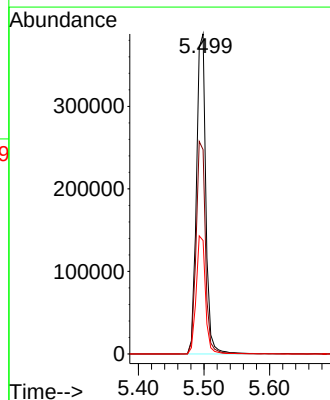
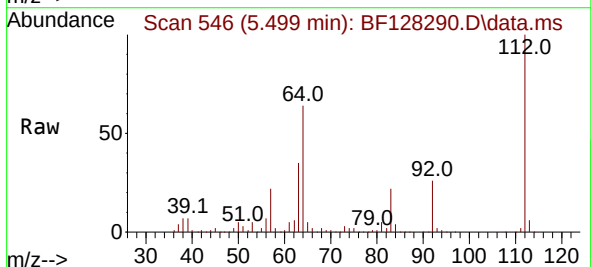
Instrument :
 BNA_F
 ClientSampleId :
 P007-SS022-0006-01

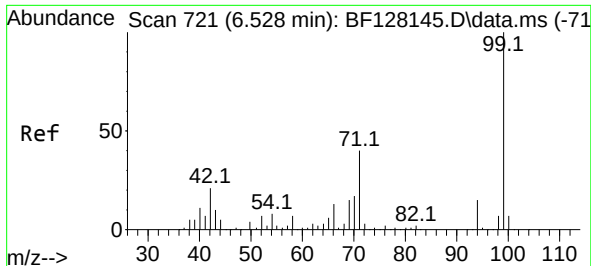
Tgt Ion:152 Resp: 79961
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.3 187.9
 115 63.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 76.495 ng
 RT: 5.499 min Scan# 546
 Delta R.T. 0.000 min
 Lab File: BF128290.D
 Acq: 17 May 2022 14:45

Tgt Ion:112 Resp: 383695
 Ion Ratio Lower Upper
 112 100
 64 63.8 49.5 74.3
 63 35.5 26.3 39.5

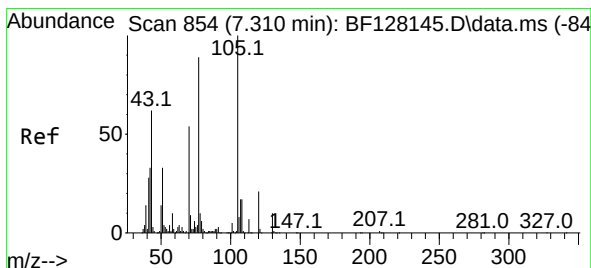
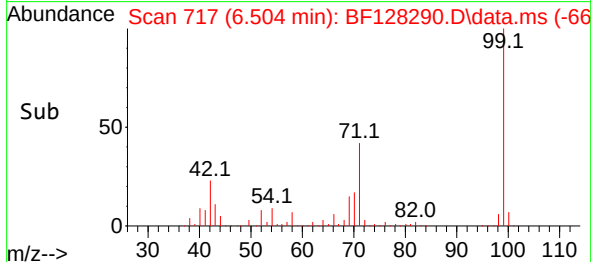
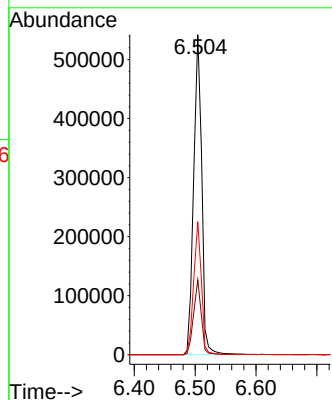
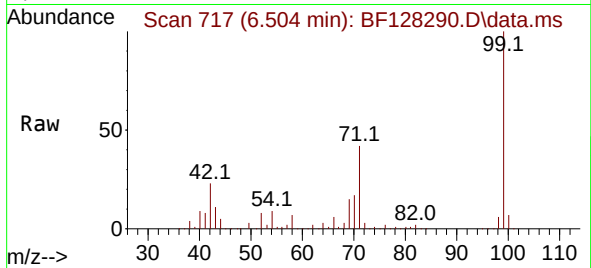




#7
Phenol-d6
Concen: 75.645 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

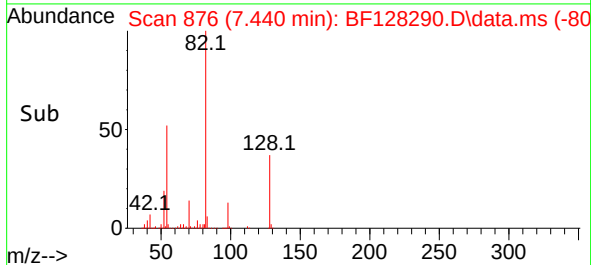
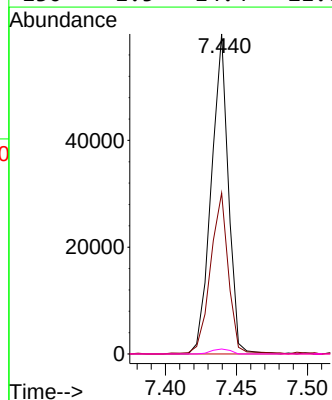
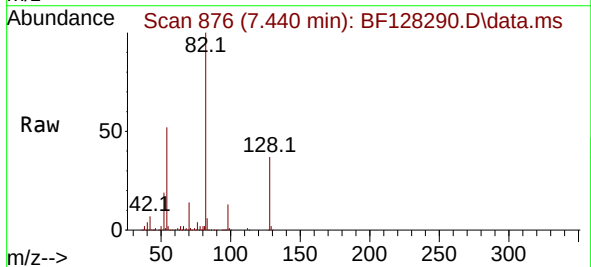
Instrument :
BNA_F
ClientSampleId :
P007-SS022-0006-01

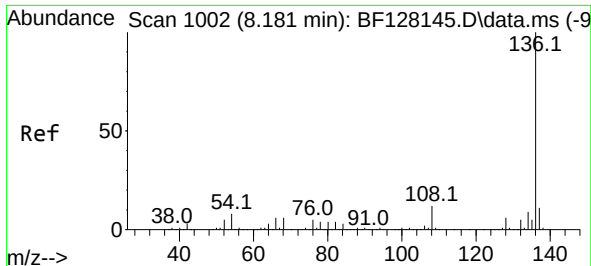
Tgt Ion: 99 Resp: 501857
Ion Ratio Lower Upper
99 100
42 23.4 16.6 24.8
71 41.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.237 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

Tgt Ion: 70 Resp: 49995
Ion Ratio Lower Upper
70 100
42 50.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

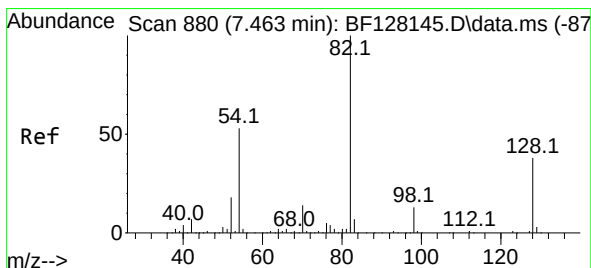
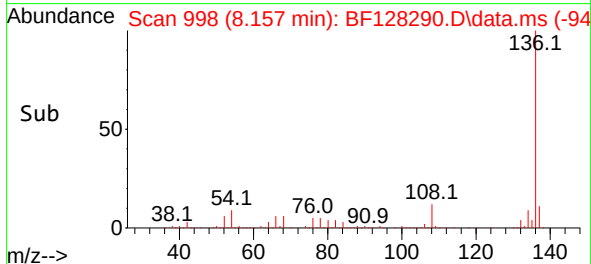
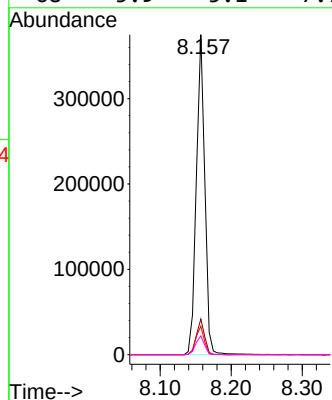
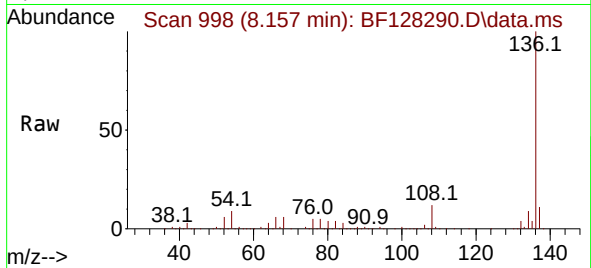




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

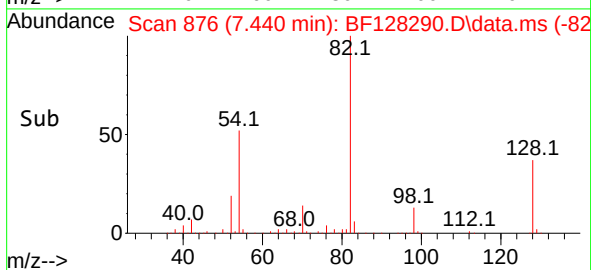
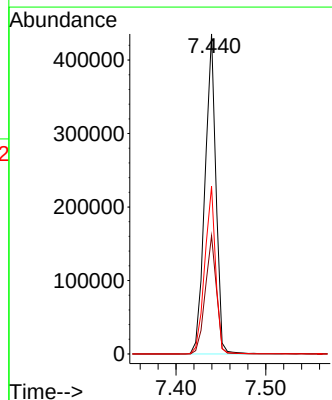
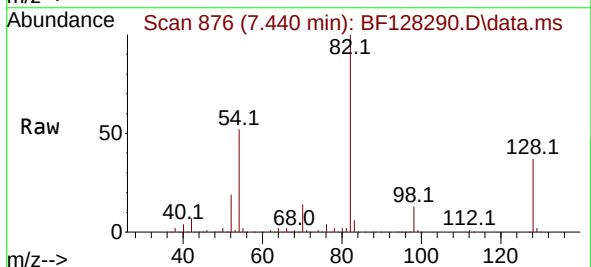
Instrument :
BNA_F
ClientSampleId :
P007-SS022-0006-01

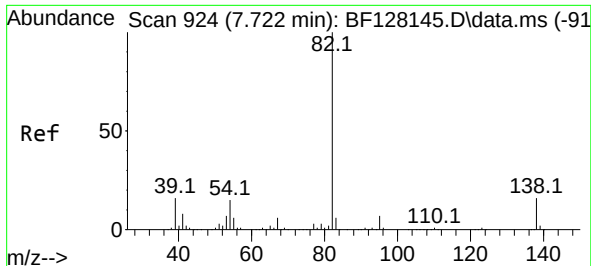
Tgt Ion:136 Resp: 312263
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 6.8 10.2
68 5.9 5.1 7.7



#23
Nitrobenzene-d5
Concen: 53.455 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

Tgt Ion: 82 Resp: 370961
Ion Ratio Lower Upper
82 100
128 37.0 30.0 45.0
54 52.3 41.3 61.9

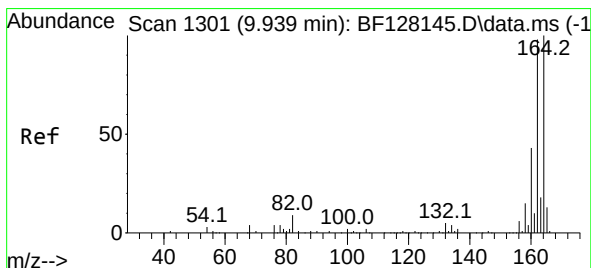
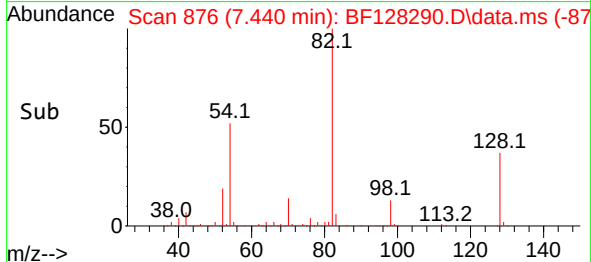
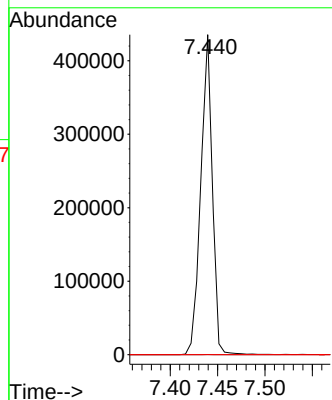
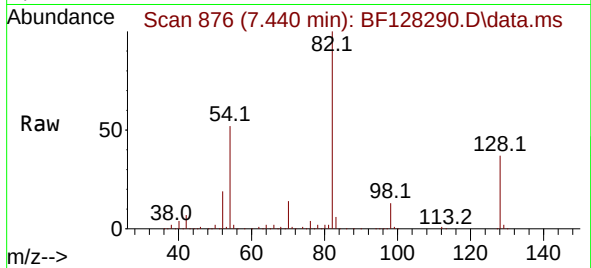




#25
Isophorone
Concen: 34.101 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

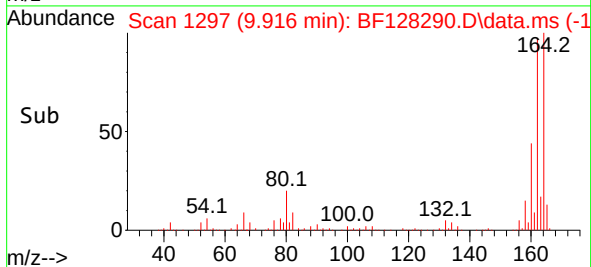
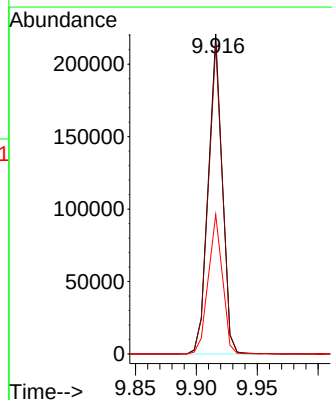
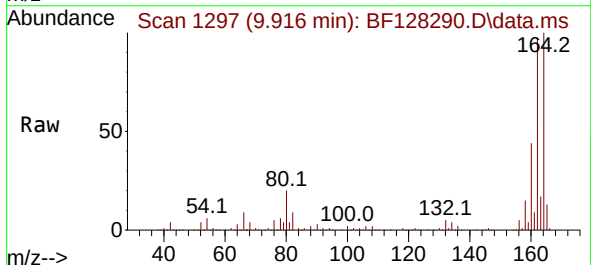
Instrument :
BNA_F
ClientSampleId :
P007-SS022-0006-01

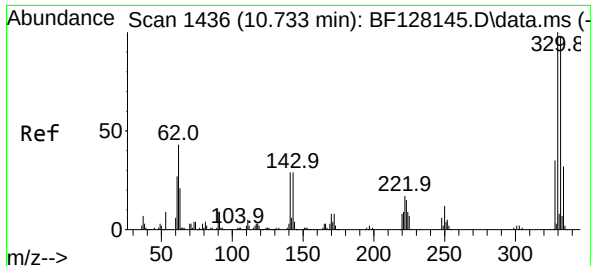
Tgt Ion: 82 Resp: 371013
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

Tgt Ion:164 Resp: 176081
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 68.760 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF128290.D

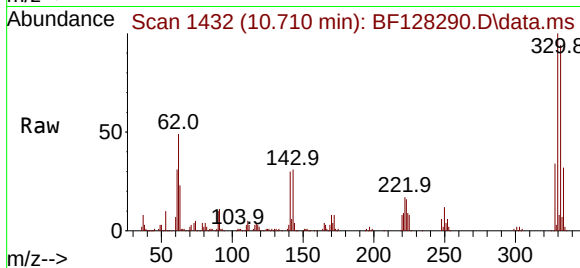
Acq: 17 May 2022 14:45

Instrument :

BNA_F

ClientSampleId :

P007-SS022-0006-01



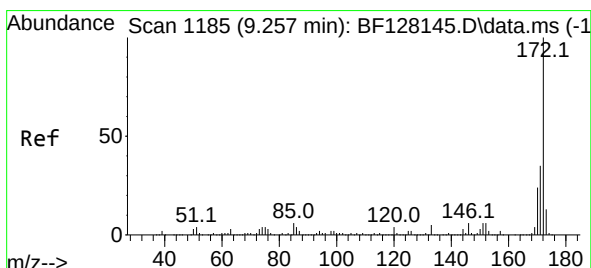
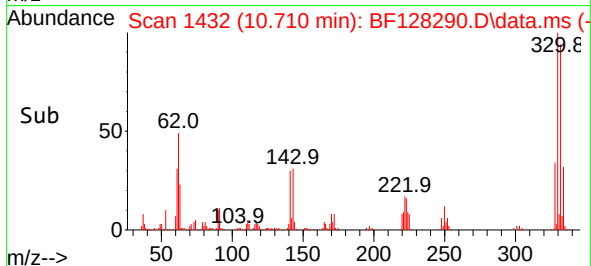
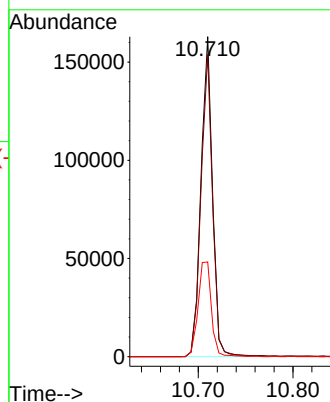
Tgt Ion:330 Resp: 138857

Ion Ratio Lower Upper

330 100

332 94.8 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 53.936 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128290.D

Acq: 17 May 2022 14:45

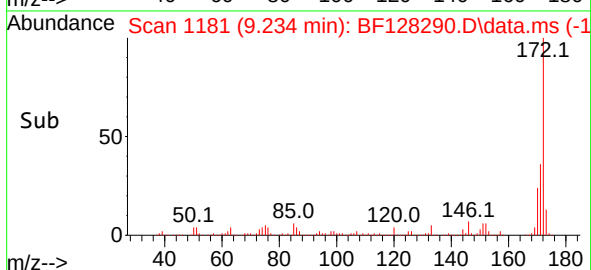
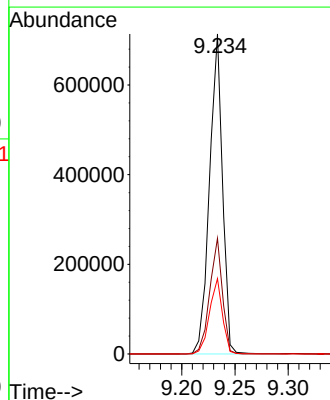
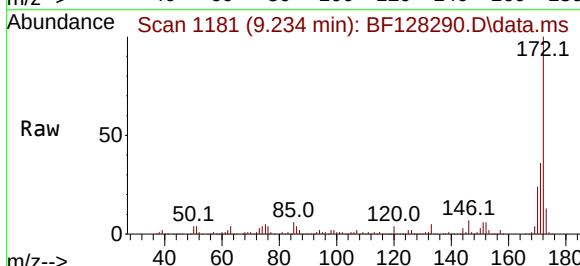
Tgt Ion:172 Resp: 606968

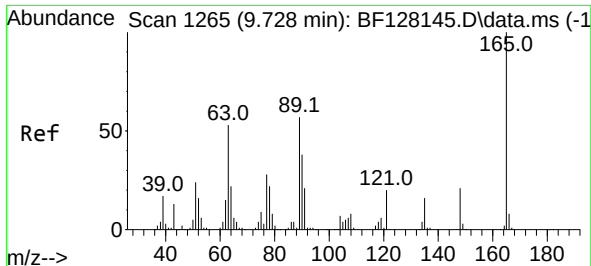
Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 23.5 19.1 28.7

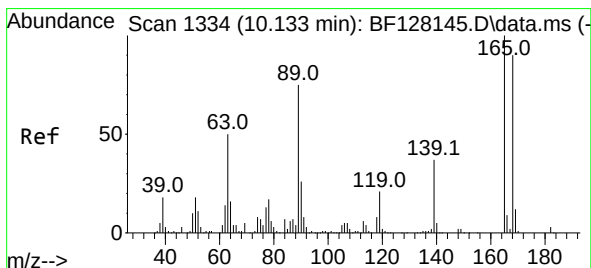
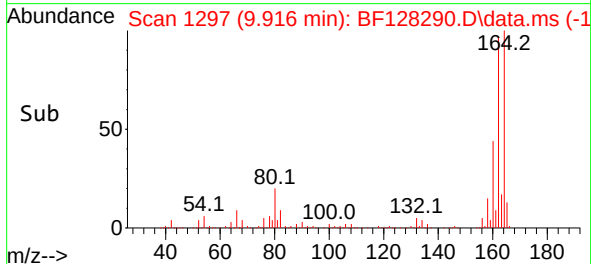
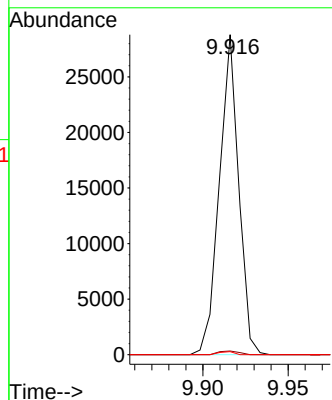
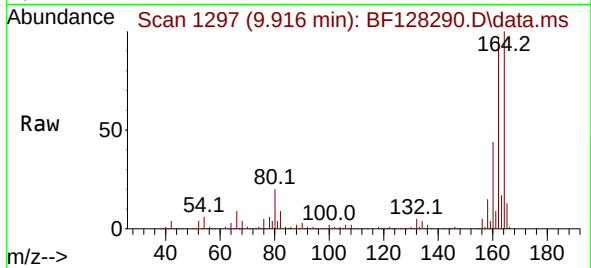




#51
2,6-Dinitrotoluene
Concen: 9.111 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

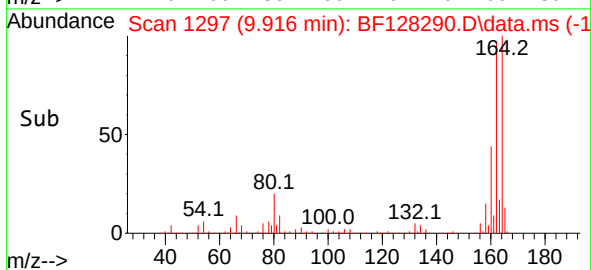
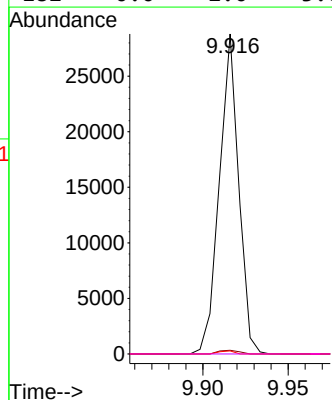
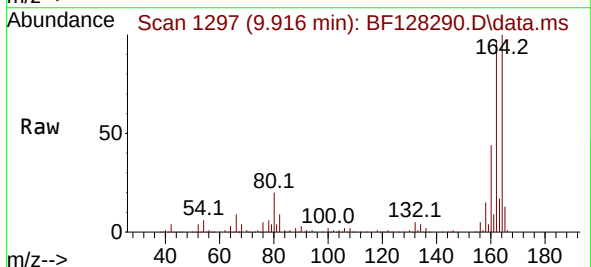
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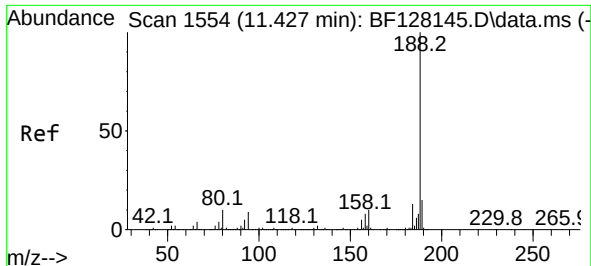
Tgt Ion:165 Resp: 22709
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 0.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.813 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.206 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

Tgt Ion:165 Resp: 22709
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 0.9 55.2 82.8#
182 0.0 2.0 3.0#

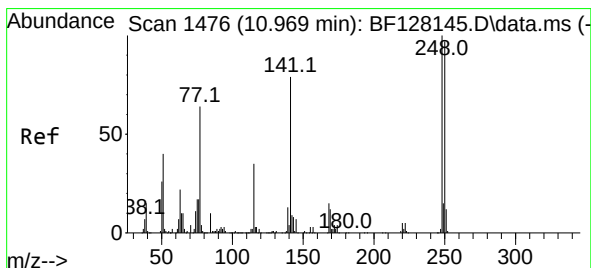
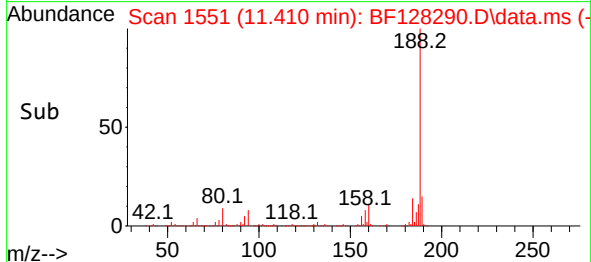
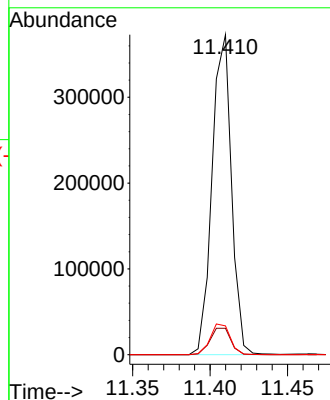
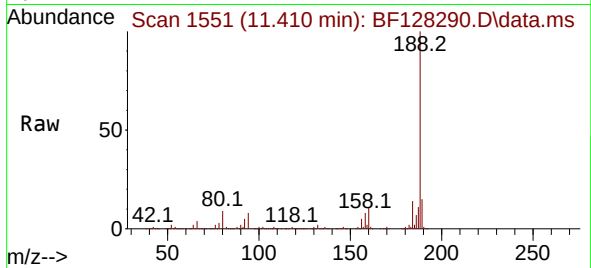




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

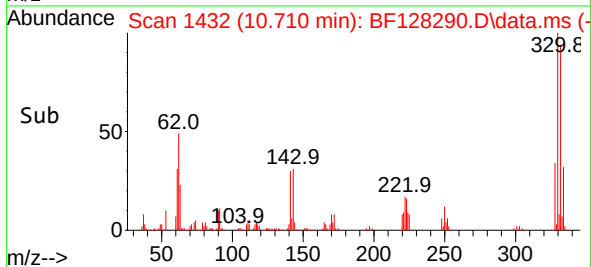
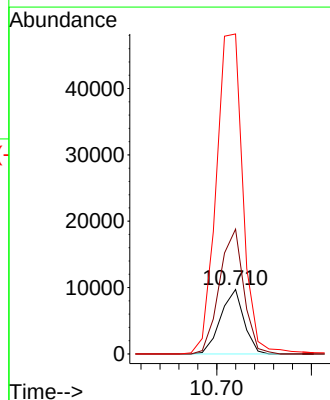
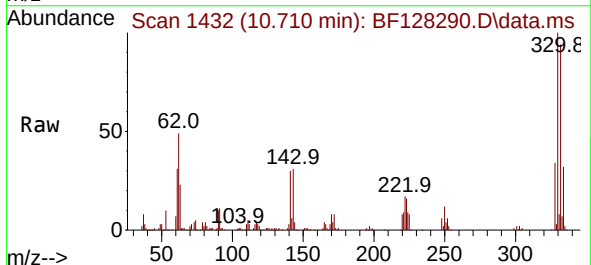
Instrument :
BNA_F
ClientSampleId :
P007-SS022-0006-01

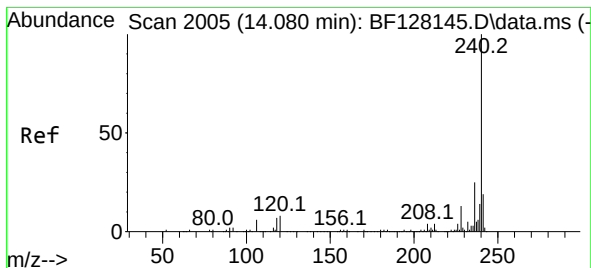
Tgt Ion:188 Resp: 324612
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.383 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.247 min
Lab File: BF128290.D
Acq: 17 May 2022 14:45

Tgt Ion:248 Resp: 8324
Ion Ratio Lower Upper
248 100
250 193.4 77.7 116.5#
141 495.6 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128290.D

Acq: 17 May 2022 14:45

Instrument :

BNA_F

ClientSampleId :

P007-SS022-0006-01

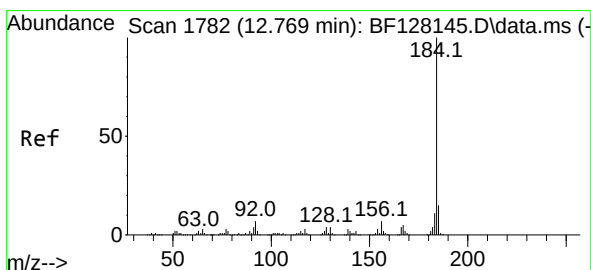
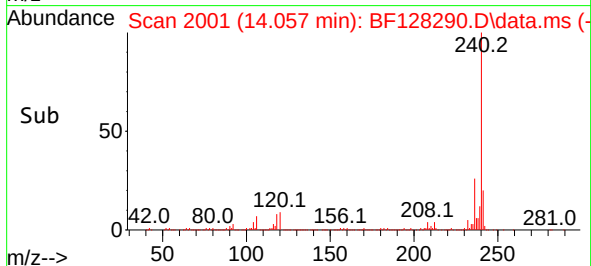
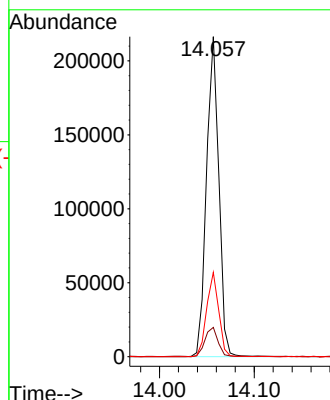
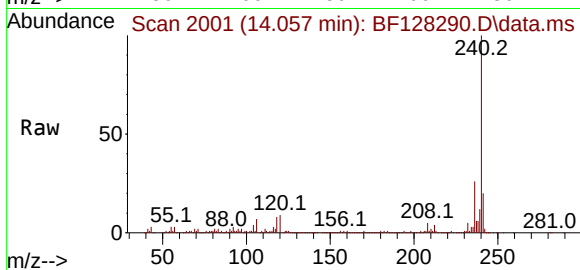
Tgt Ion:240 Resp: 194624

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

236 26.4 20.3 30.5



#77

Benzidine

Concen: 2.425 ng

RT: 12.992 min Scan# 1820

Delta R.T. 0.241 min

Lab File: BF128290.D

Acq: 17 May 2022 14:45

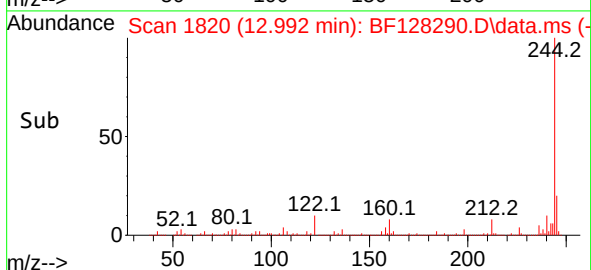
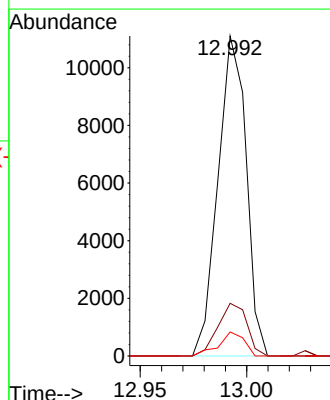
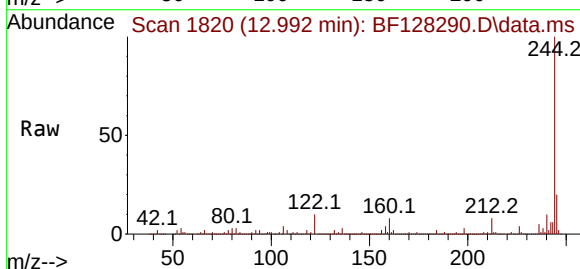
Tgt Ion:184 Resp: 10223

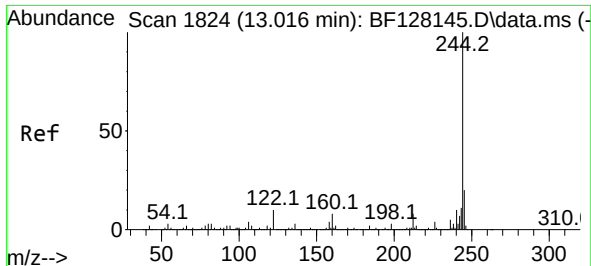
Ion Ratio Lower Upper

184 100

185 16.4 12.1 18.1

183 7.5 9.0 13.4#

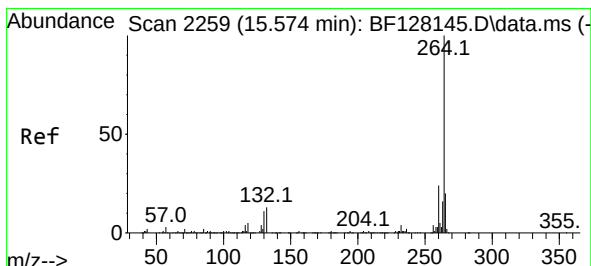
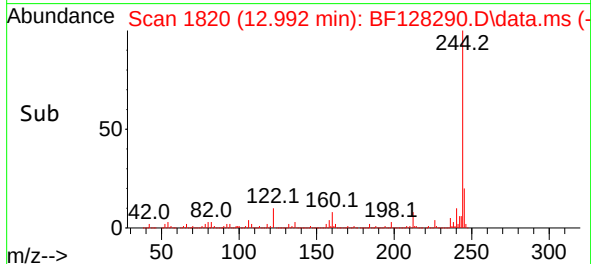
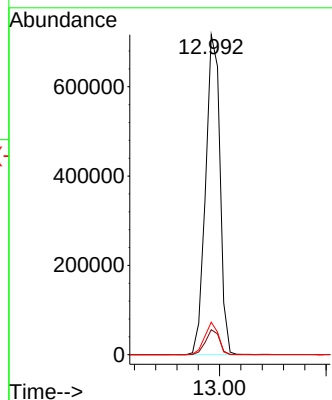
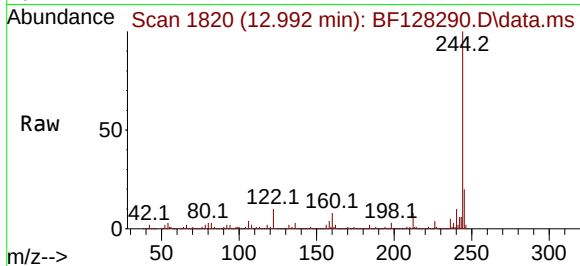




#79
 Terphenyl-d14
 Concen: 65.038 ng
 RT: 12.992 min Scan# 1824
 Delta R.T. -0.012 min
 Lab File: BF128290.D
 Acq: 17 May 2022 14:45

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS022-0006-01

Tgt Ion:244 Resp: 674585
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. -0.006 min
 Lab File: BF128290.D
 Acq: 17 May 2022 14:45

Tgt Ion:264 Resp: 160232
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.2 17.5 26.3

