

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128350.D
 Acq On : 19 May 2022 21:54
 Operator : CG\JU
 Sample : N2865-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P018-SS001-0006-02

Quant Time: May 20 02:47:23 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)

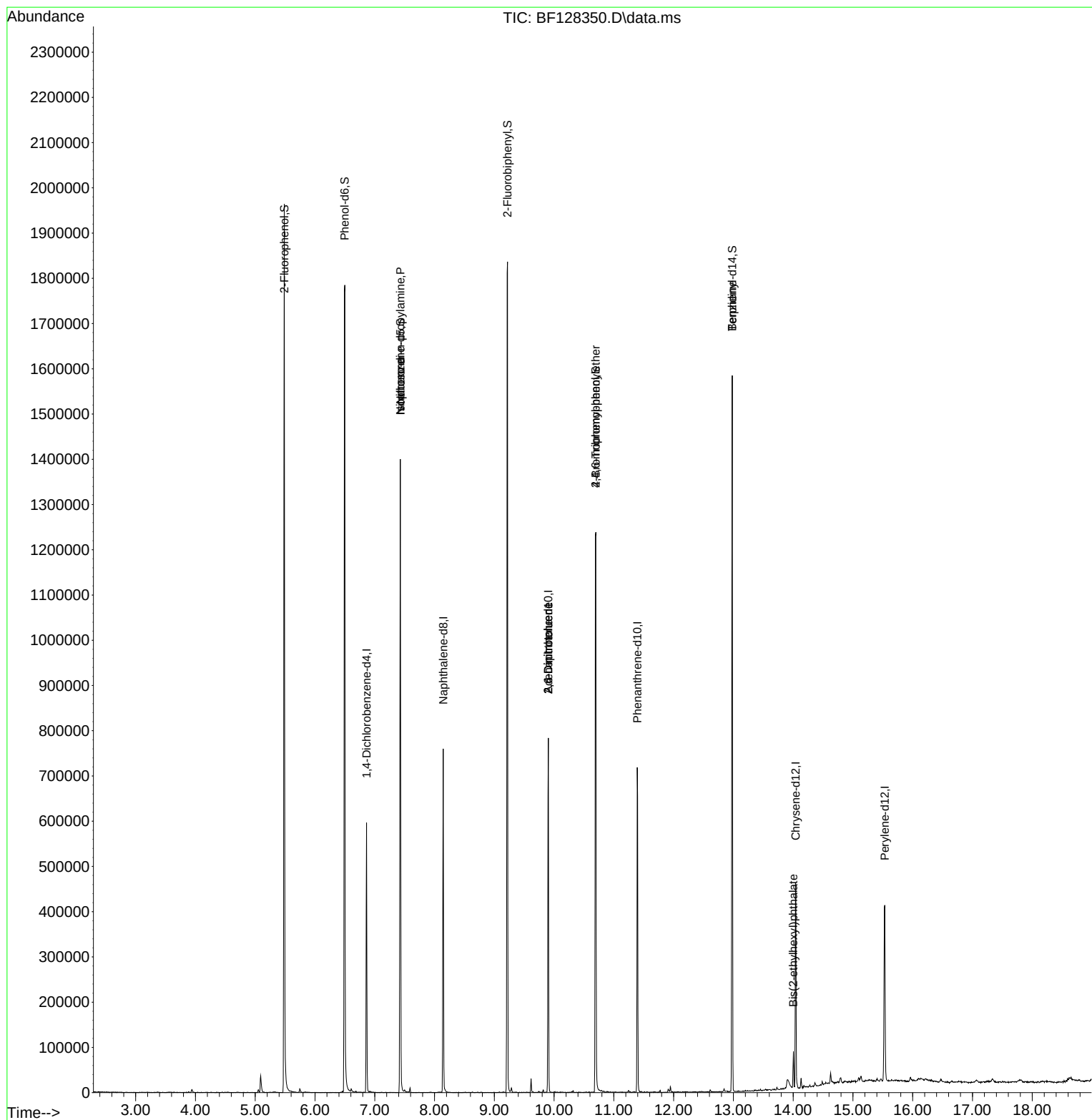
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80879	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	301379	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	159398	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	269936	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	164972	20.000	ng	-0.01
86) Perylene-d12	15.533	264	182321	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	482990	95.198	ng	0.00
7) Phenol-d6	6.498	99	627467	93.505	ng	-0.01
23) Nitrobenzene-d5	7.428	82	437555	65.328	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	154047	84.266	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	589897	57.906	ng	-0.01
79) Terphenyl-d14	12.980	244	517931	58.910	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	457	Below Cal	#	64
19) n-Nitroso-di-n-propyla...	7.428	70	58948	14.264	ng	# 80
25) Isophorone	7.428	82	437552	41.669	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	19961	8.846	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	19961	6.616	ng	# 25
67) 4-Bromophenyl-phenylether	10.698	248	9421	3.244	ng	# 1
77) Benzidine	12.980	184	7519	2.104	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.004	149	19217	2.860	ng	98

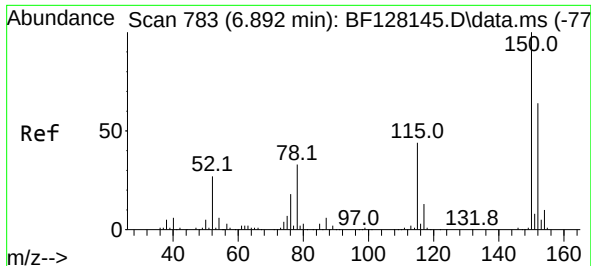
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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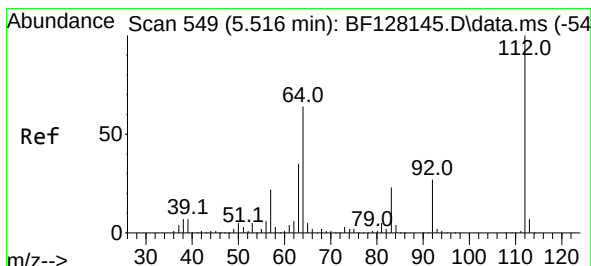
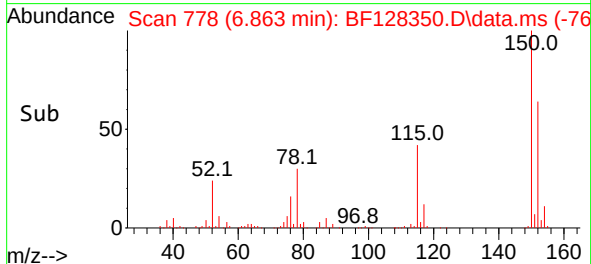
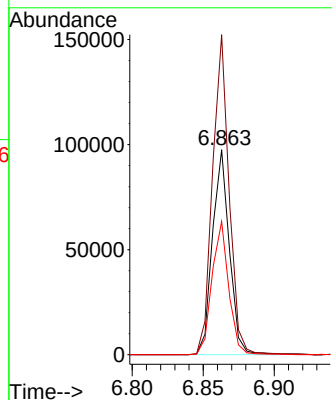
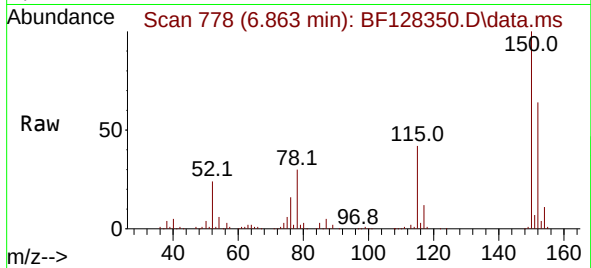




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

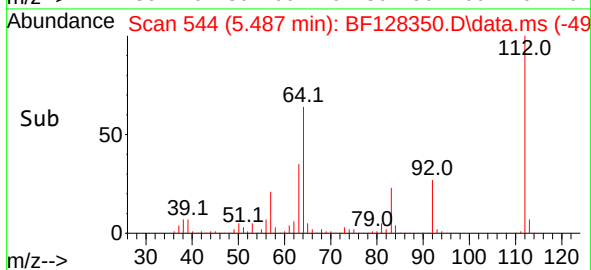
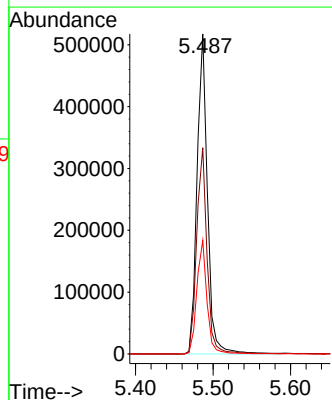
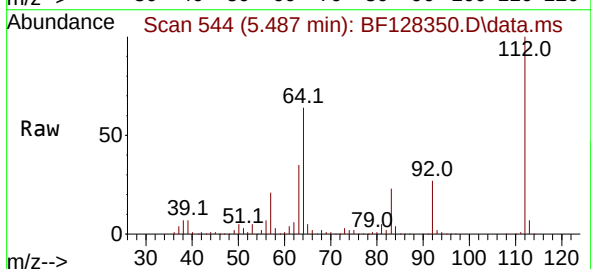
Instrument :
BNA_F
ClientSampleId :
P018-SS001-0006-02

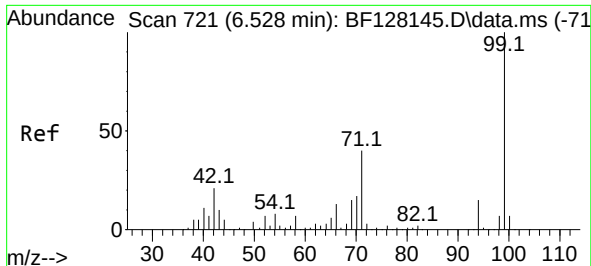
Tgt Ion:152 Resp: 80879
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 65.0 48.8 73.2



#5
2-Fluorophenol
Concen: 95.198 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

Tgt Ion:112 Resp: 482990
Ion Ratio Lower Upper
112 100
64 64.5 49.5 74.3
63 35.5 26.3 39.5

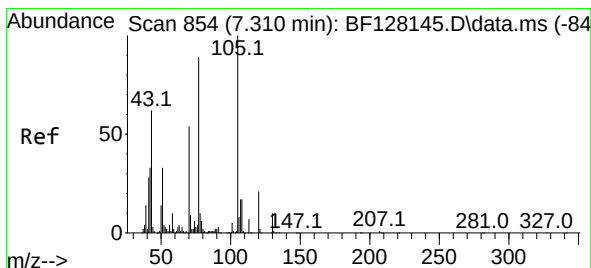
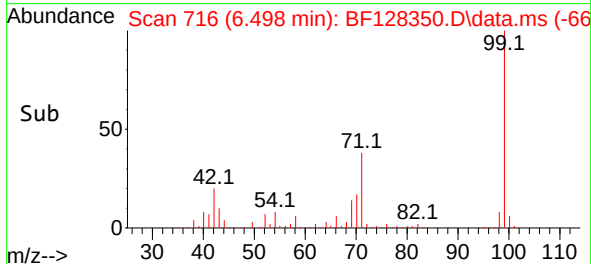
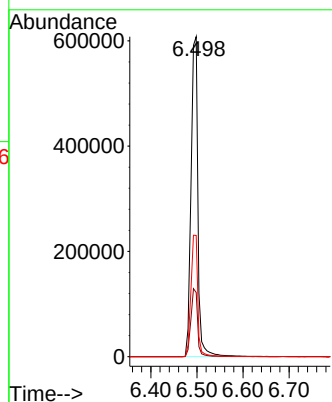
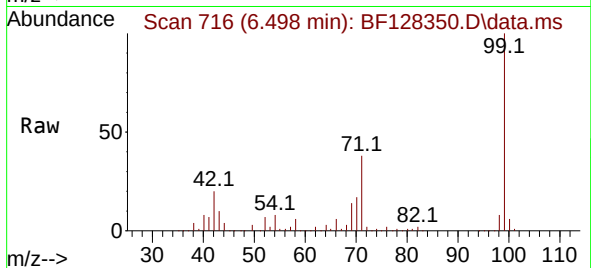




#7
Phenol-d6
Concen: 93.505 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

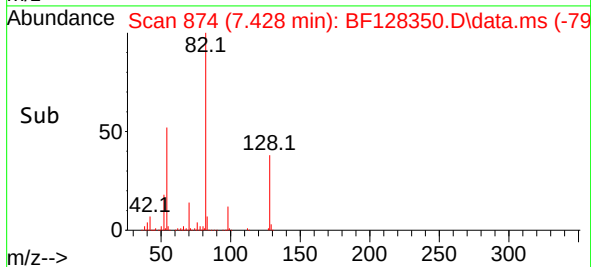
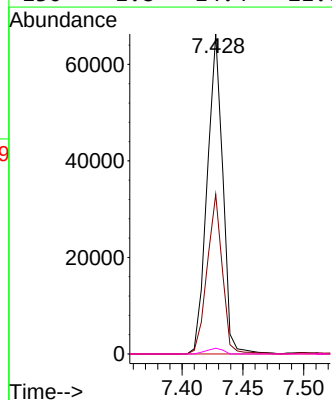
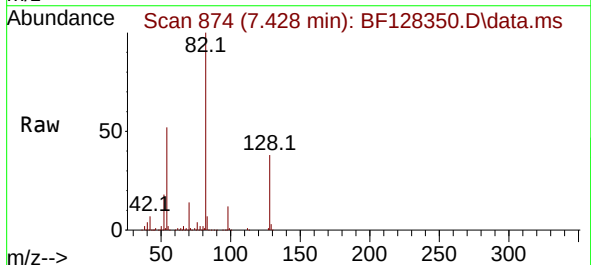
Instrument :
BNA_F
ClientSampleId :
P018-SS001-0006-02

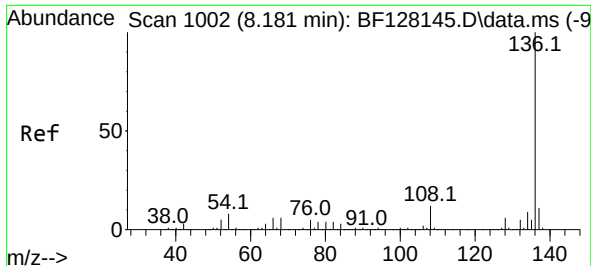
Tgt Ion: 99 Resp: 627467
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 37.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.264 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

Tgt Ion: 70 Resp: 58948
Ion Ratio Lower Upper
70 100
42 49.9 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

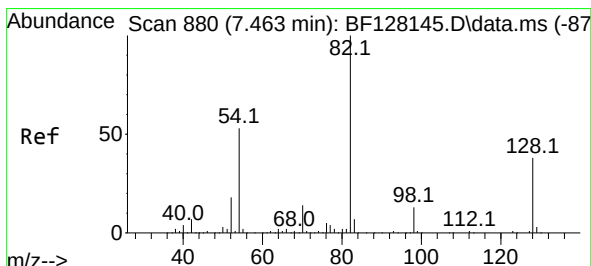
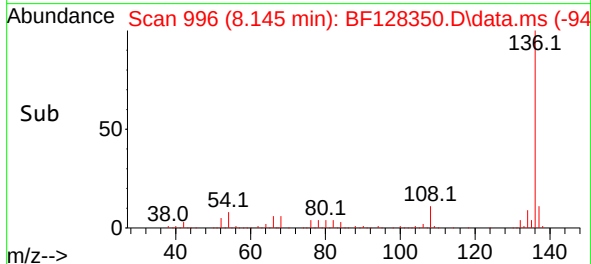
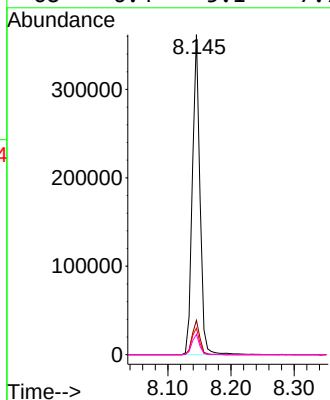
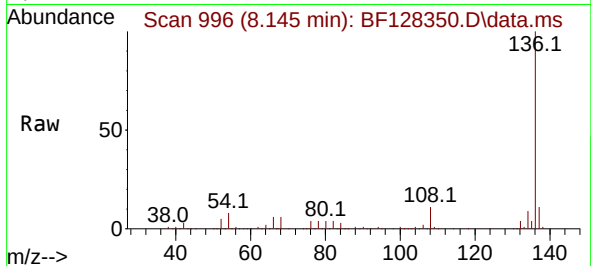




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

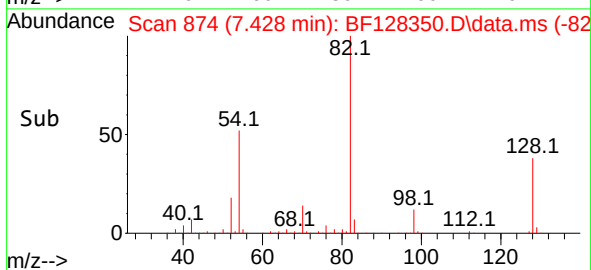
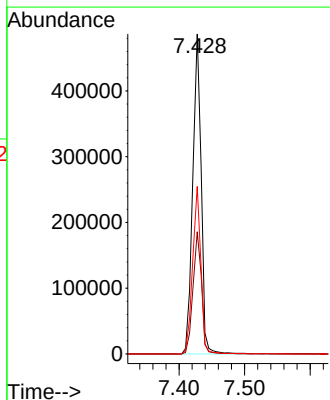
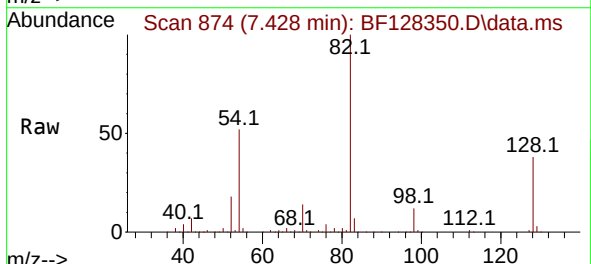
Instrument :
BNA_F
ClientSampleId :
P018-SS001-0006-02

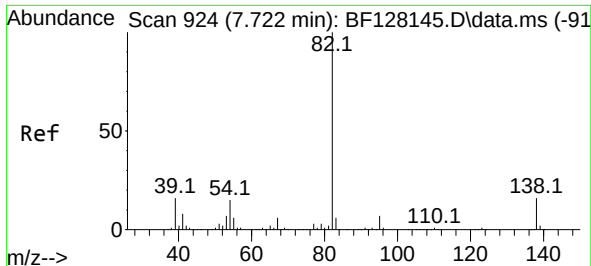
Tgt Ion:136 Resp: 301379
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 6.8 10.2
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 65.328 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.018 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

Tgt Ion: 82 Resp: 437555
Ion Ratio Lower Upper
82 100
128 38.2 30.0 45.0
54 52.3 41.3 61.9

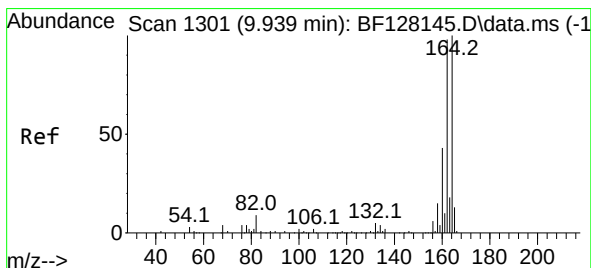
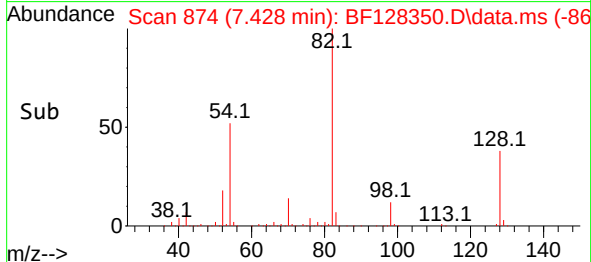
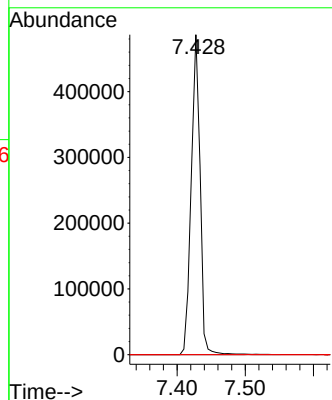
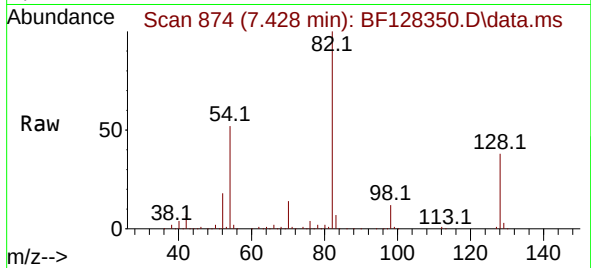




#25
Isophorone
Concen: 41.669 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

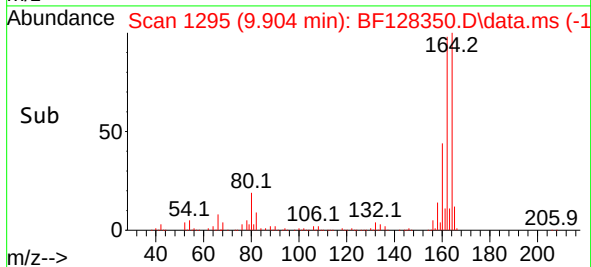
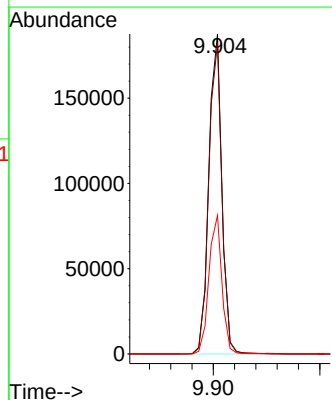
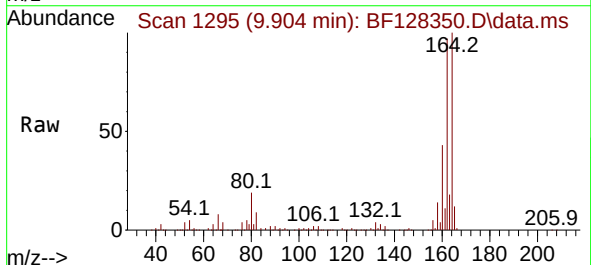
Instrument :
BNA_F
ClientSampleId :
P018-SS001-0006-02

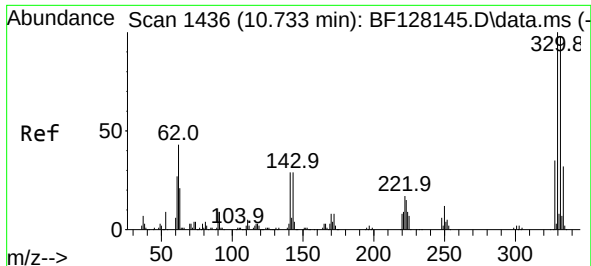
Tgt Ion: 82 Resp: 437552
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

Tgt Ion:164 Resp: 159398
Ion Ratio Lower Upper
164 100
162 97.1 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 84.266 ng

RT: 10.698 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128350.D

Acq: 19 May 2022 21:54

Instrument :

BNA_F

ClientSampleId :

P018-SS001-0006-02

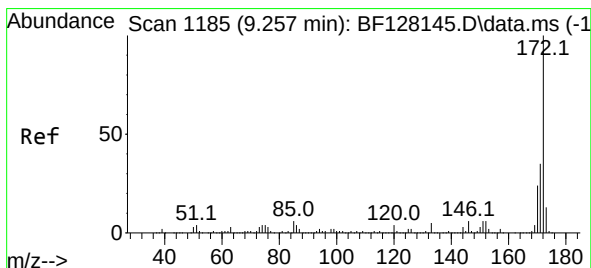
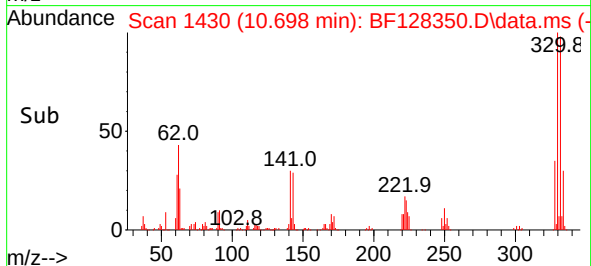
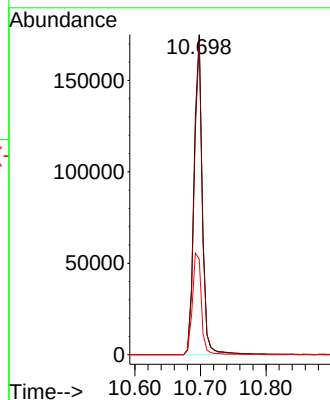
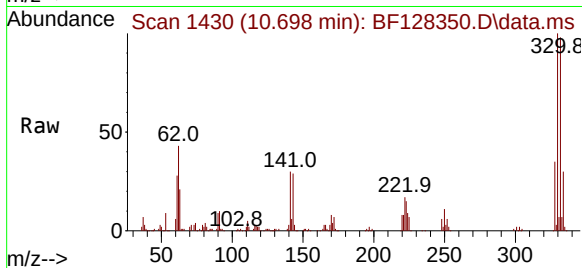
Tgt Ion:330 Resp: 154047

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

141 34.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 57.906 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128350.D

Acq: 19 May 2022 21:54

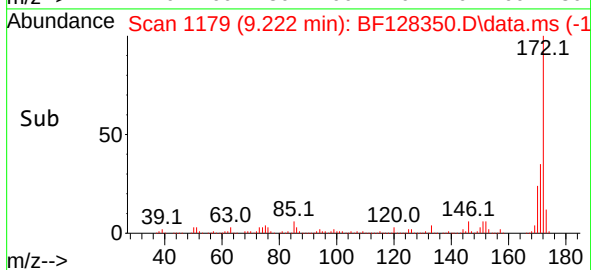
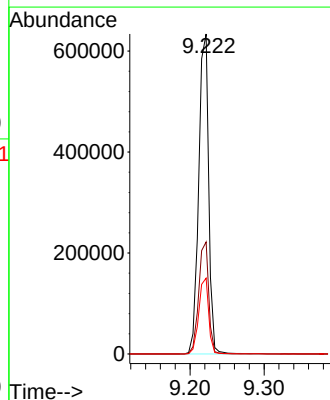
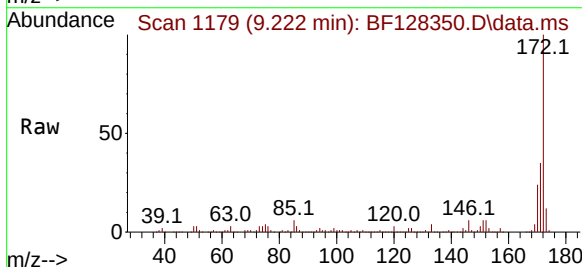
Tgt Ion:172 Resp: 589897

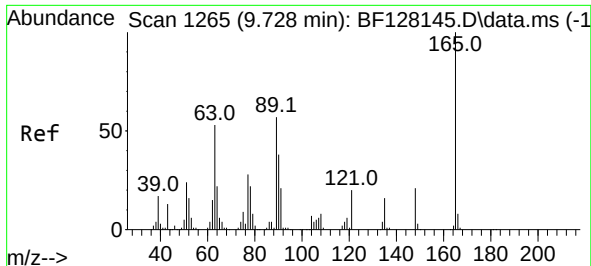
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.7 19.1 28.7

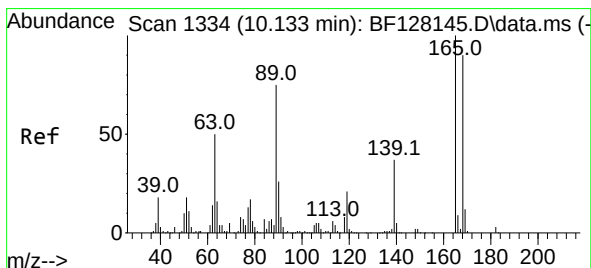
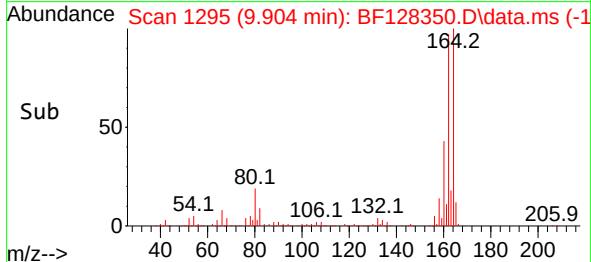
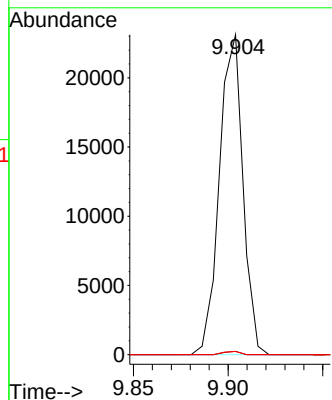
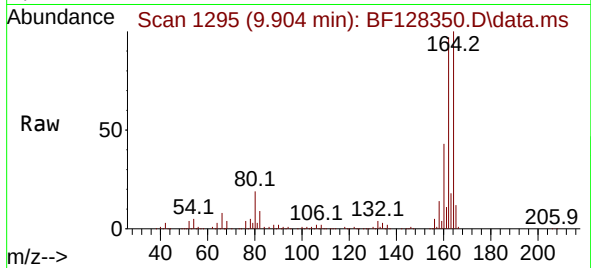




#51
2,6-Dinitrotoluene
Concen: 8.846 ng
RT: 9.904 min Scan# 1265
Delta R.T. 0.200 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

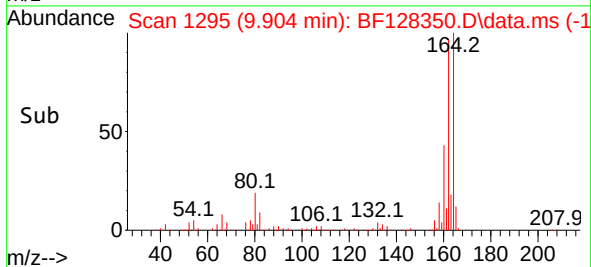
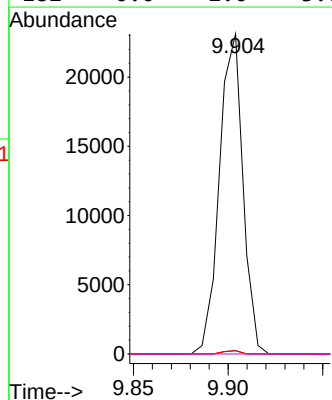
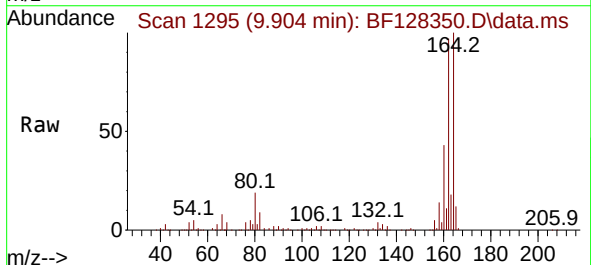
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P018-SS001-0006-02

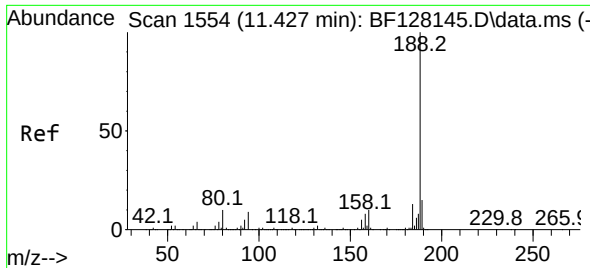
Tgt Ion:165 Resp: 19961
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.616 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.212 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

Tgt Ion:165 Resp: 19961
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#

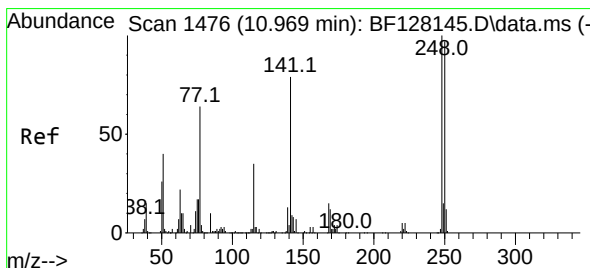
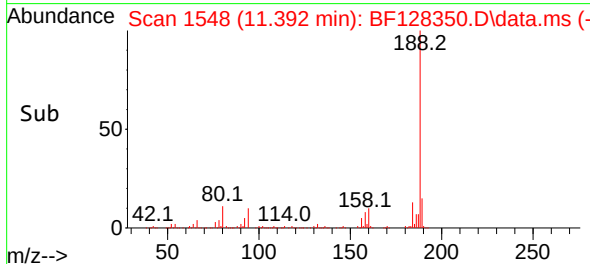
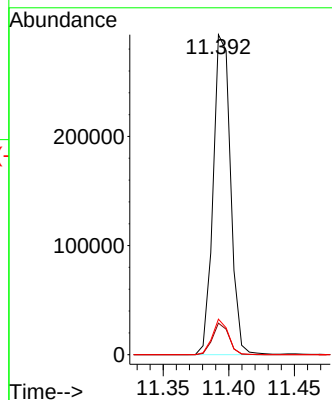
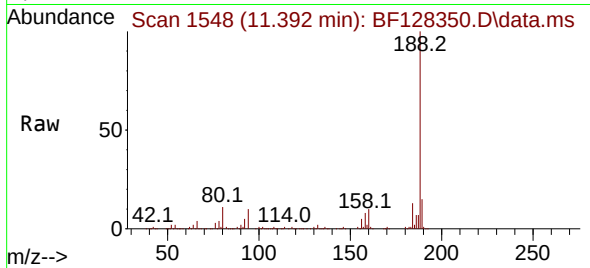




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

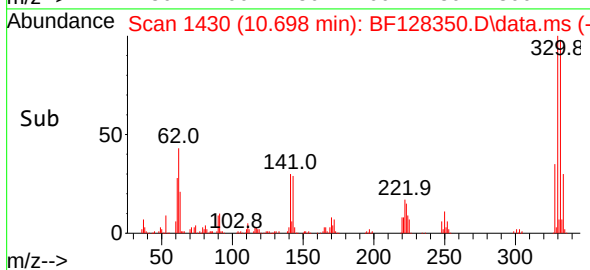
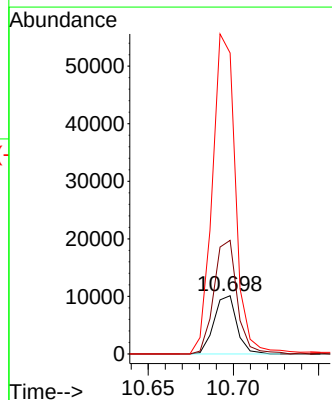
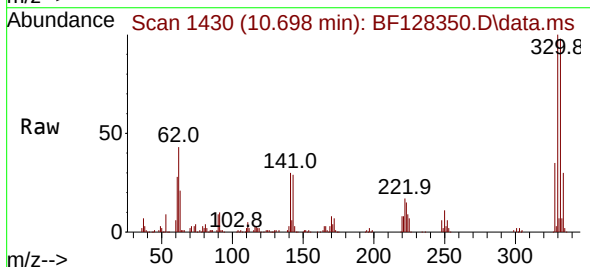
Instrument :
BNA_F
ClientSampleId :
P018-SS001-0006-02

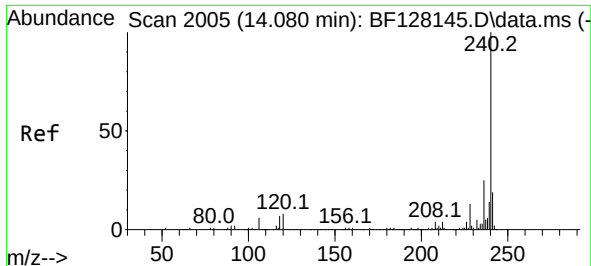
Tgt Ion:188 Resp: 269936
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.244 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

Tgt Ion:248 Resp: 9421
Ion Ratio Lower Upper
248 100
250 195.2 77.7 116.5#
141 516.7 65.6 98.4#

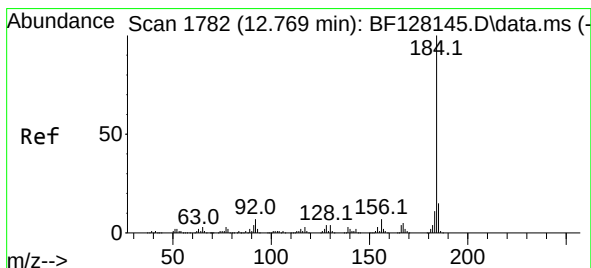
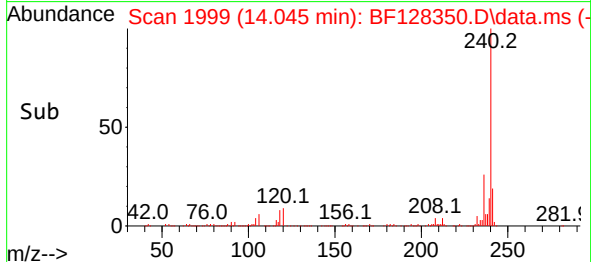
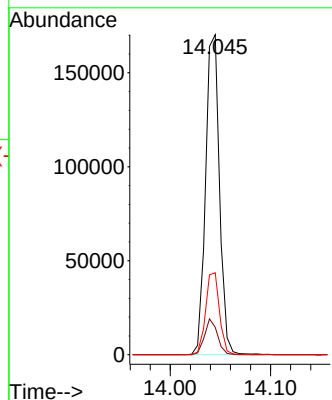
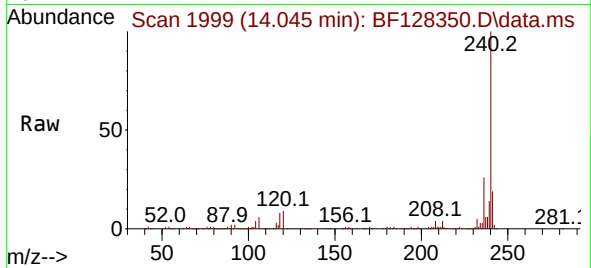




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

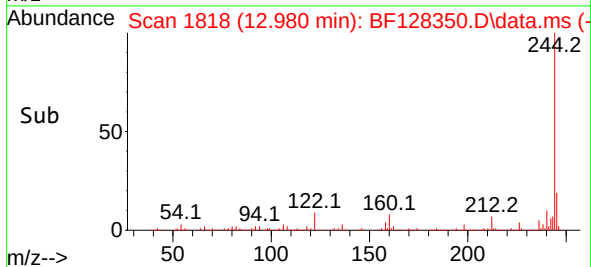
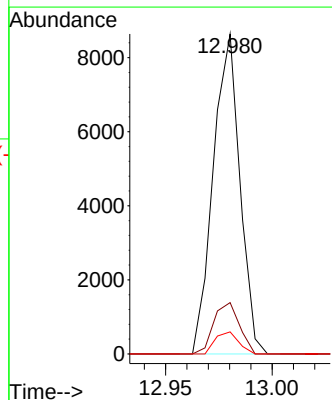
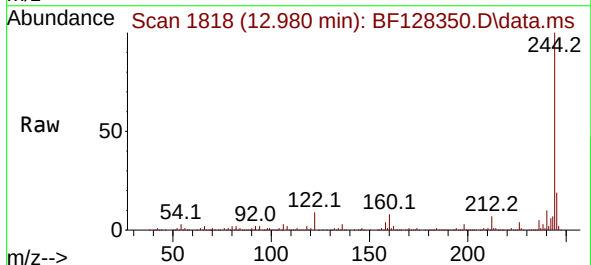
Instrument :
BNA_F
ClientSampleId :
P018-SS001-0006-02

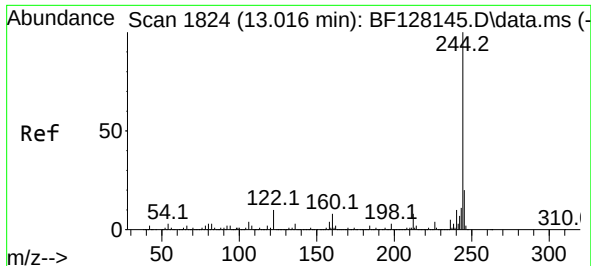
Tgt Ion:240 Resp: 164972
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.104 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.235 min
Lab File: BF128350.D
Acq: 19 May 2022 21:54

Tgt Ion:184 Resp: 7519
Ion Ratio Lower Upper
184 100
185 16.1 12.1 18.1
183 6.9 9.0 13.4

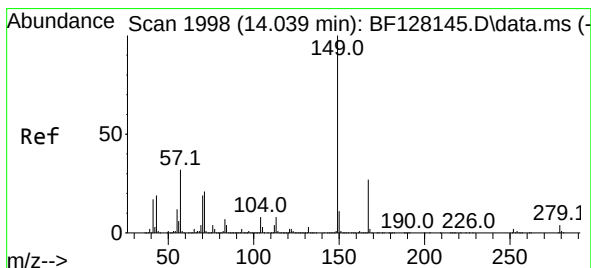
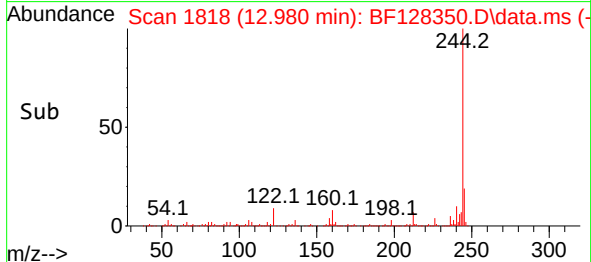
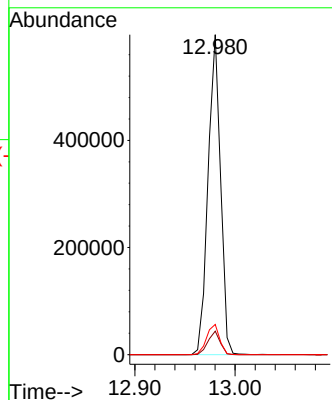
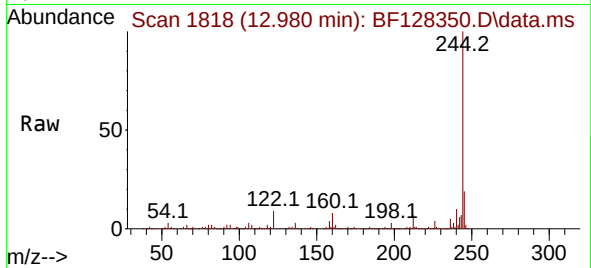




#79
 Terphenyl-d14
 Concen: 58.910 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.012 min
 Lab File: BF128350.D
 Acq: 19 May 2022 21:54

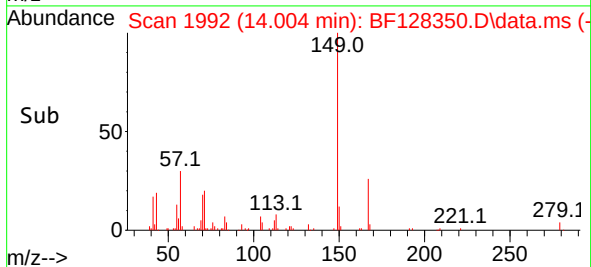
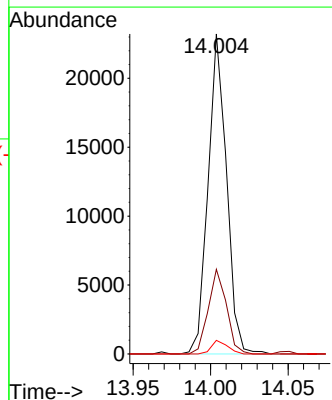
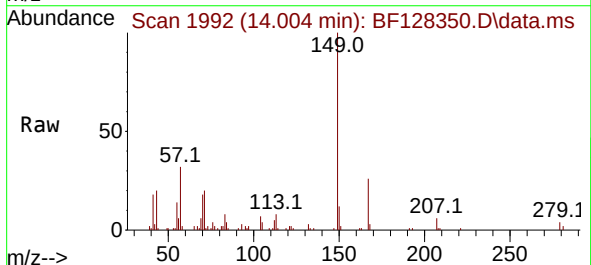
Instrument :
 BNA_F
 ClientSampleId :
 P018-SS001-0006-02

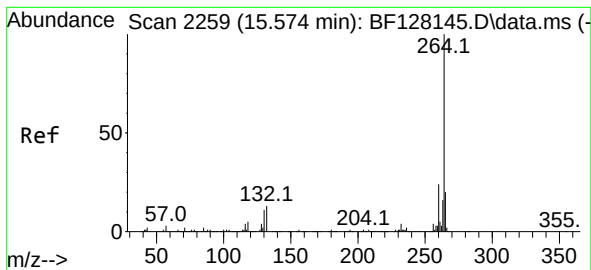
Tgt Ion:244 Resp: 517931
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.4 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.860 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF128350.D
 Acq: 19 May 2022 21:54

Tgt Ion:149 Resp: 19217
 Ion Ratio Lower Upper
 149 100
 167 26.5 22.0 33.0
 279 4.3 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128350.D

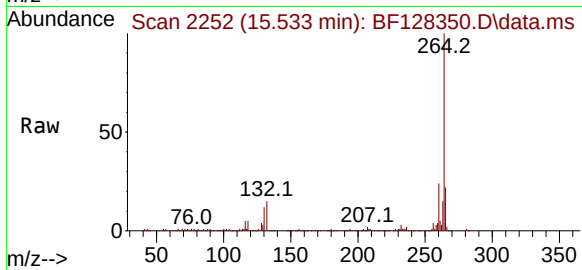
Acq: 19 May 2022 21:54

Instrument :

BNA_F

ClientSampleId :

P018-SS001-0006-02



Tgt Ion:264 Resp: 182321

Ion Ratio Lower Upper

264 100

260 23.8 20.1 30.1

265 21.9 17.5 26.3

