

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128418.D
 Acq On : 24 May 2022 00:07
 Operator : CG\JU
 Sample : N2875-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS006-0006-01

Quant Time: May 24 01:24:46 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)

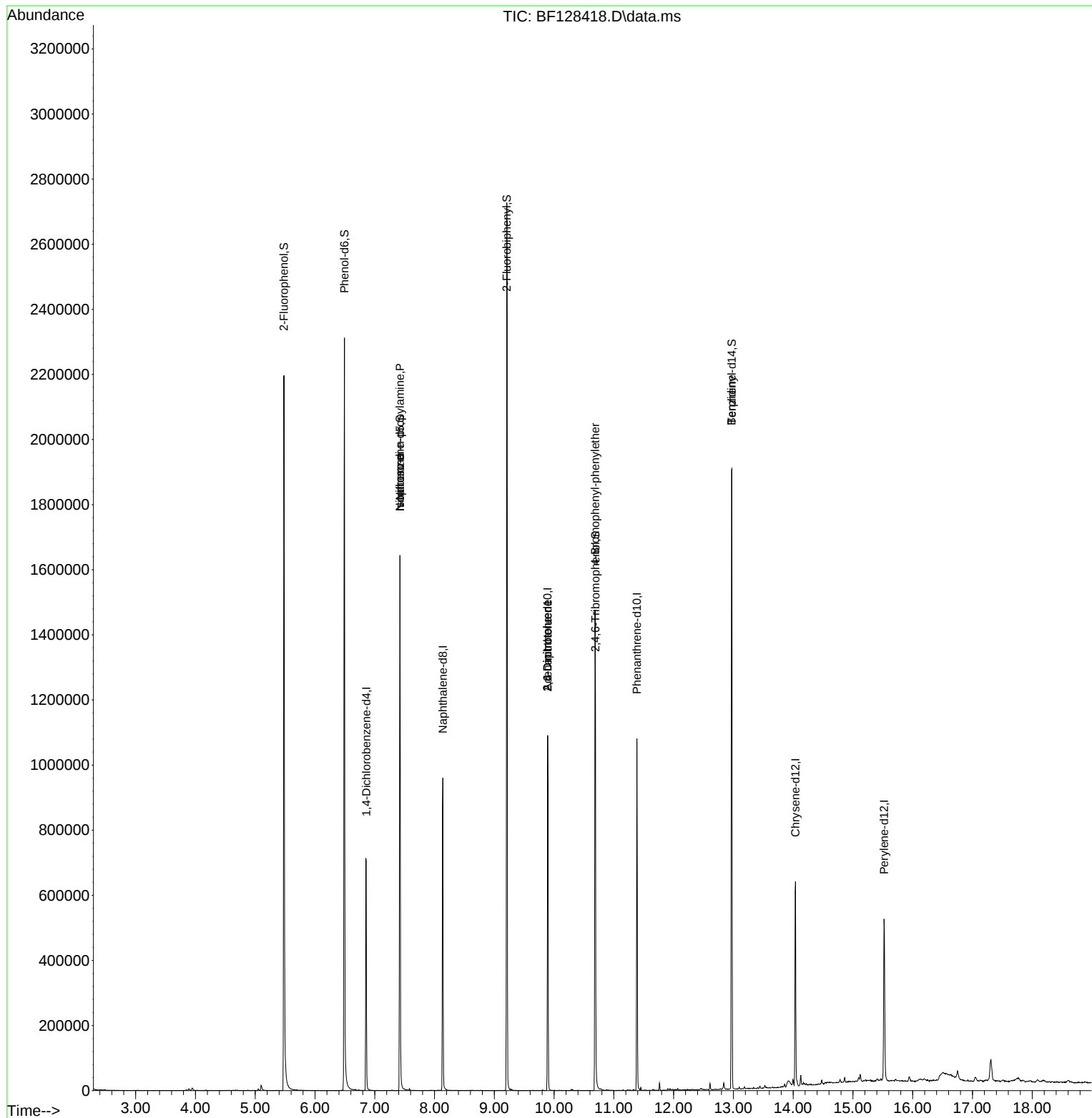
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	110669	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	424098	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	228844	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	366843	20.000	ng	0.00
76) Chrysene-d12	14.039	240	228194	20.000	ng	-0.01
86) Perylene-d12	15.521	264	235689	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	602075	86.576	ng	0.00
7) Phenol-d6	6.493	99	770439	84.133	ng	0.00
23) Nitrobenzene-d5	7.422	82	534604	56.480	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	179214	75.936	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	831929	59.450	ng	-0.01
79) Terphenyl-d14	12.974	244	702925	59.464	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	1241	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	69263	12.647	ng	# 80
25) Isophorone	7.422	82	534653	36.859	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	29398	9.221	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	29398	7.319	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	11006	2.867	ng	# 1
77) Benzidine	12.969	184	9965	2.100	ng	# 92

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

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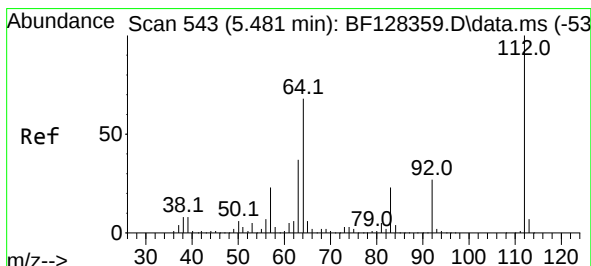
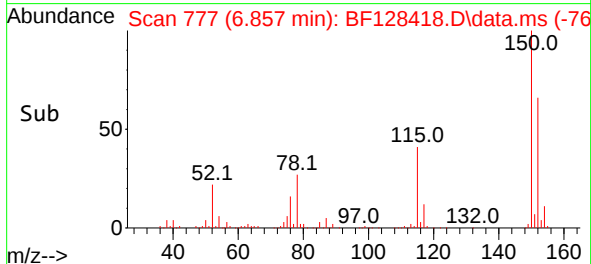
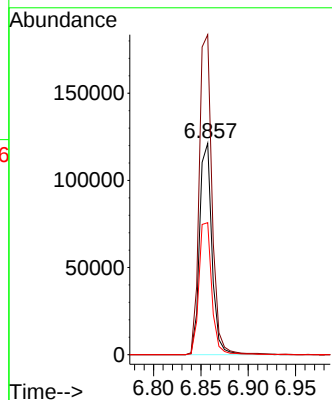
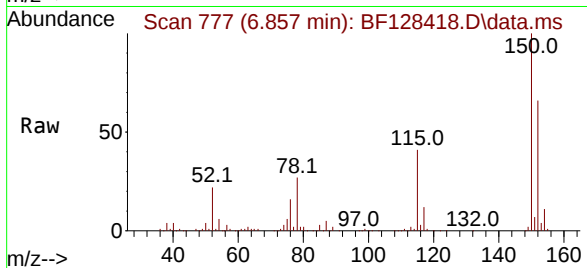




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

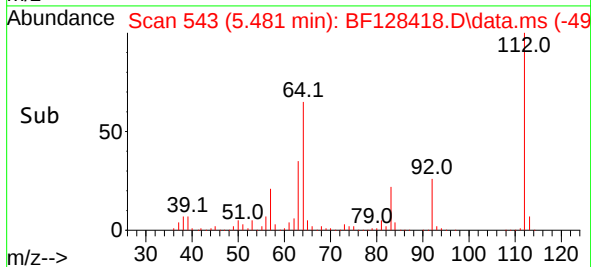
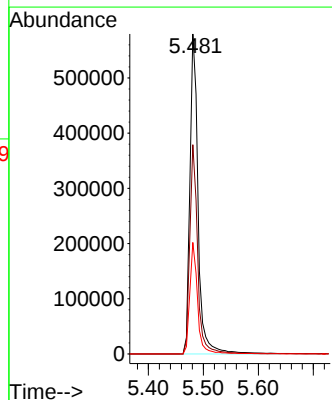
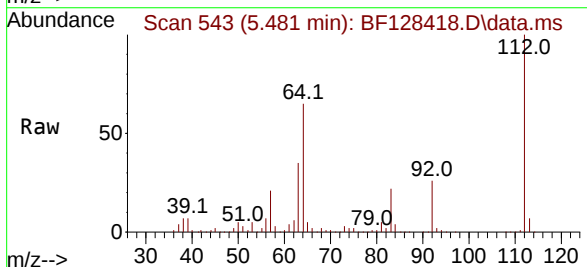
Instrument :
BNA_F
ClientSampleId :
P007-SS006-0006-01

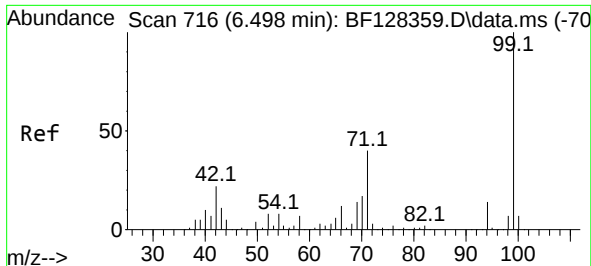
Tgt Ion:152 Resp: 110669
Ion Ratio Lower Upper
152 100
150 151.4 125.3 187.9
115 62.4 48.8 73.2



#5
2-Fluorophenol
Concen: 86.576 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

Tgt Ion:112 Resp: 602075
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 34.9 26.3 39.5

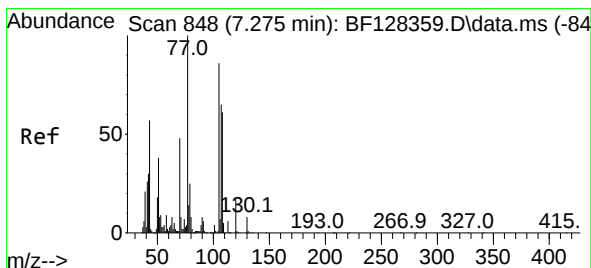
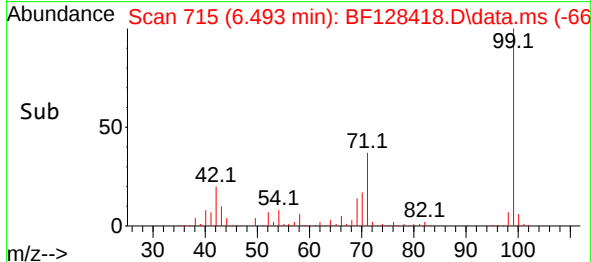
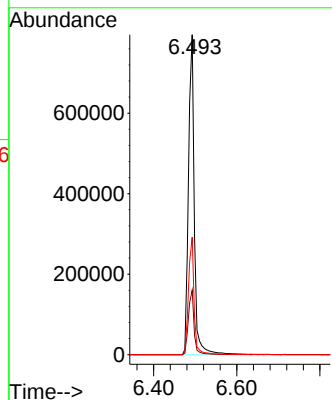
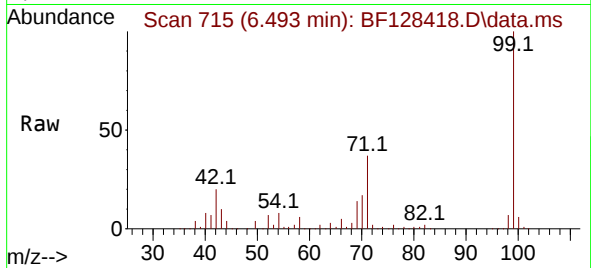




#7
Phenol-d6
Concen: 84.133 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

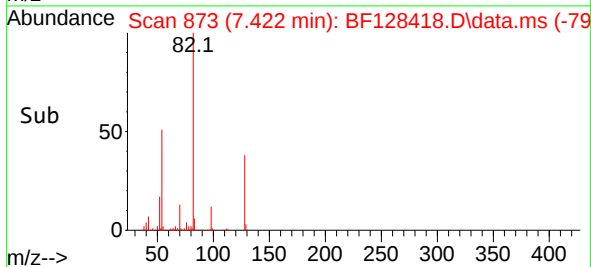
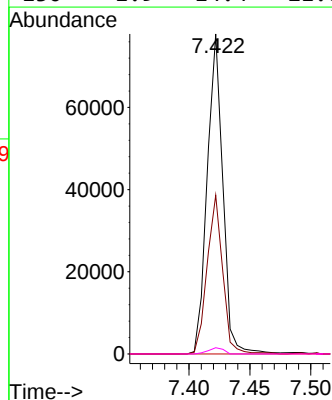
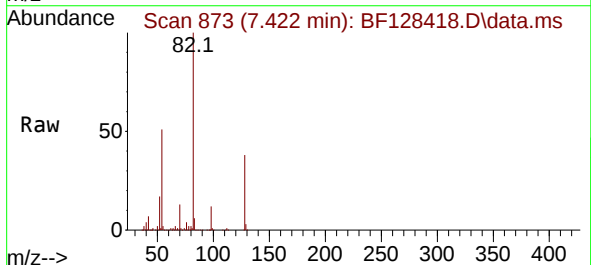
Instrument :
BNA_F
ClientSampleId :
P007-SS006-0006-01

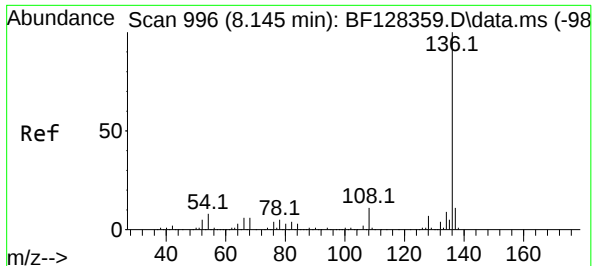
Tgt Ion: 99 Resp: 770439
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 36.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.647 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

Tgt Ion: 70 Resp: 69263
Ion Ratio Lower Upper
70 100
42 49.6 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

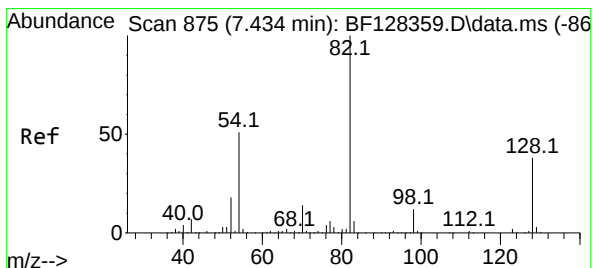
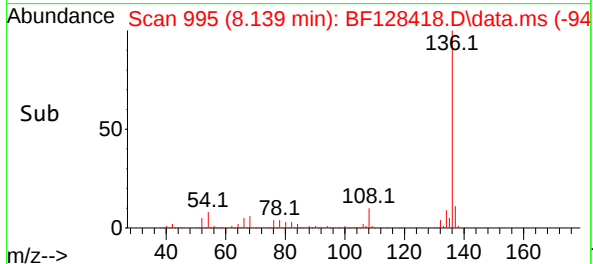
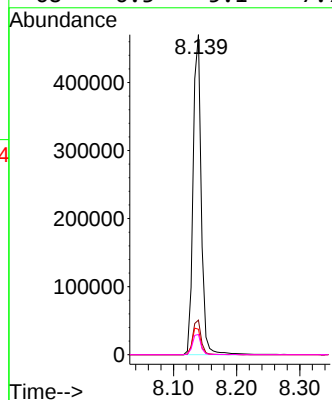
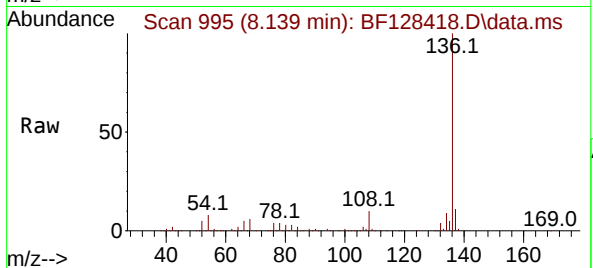




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

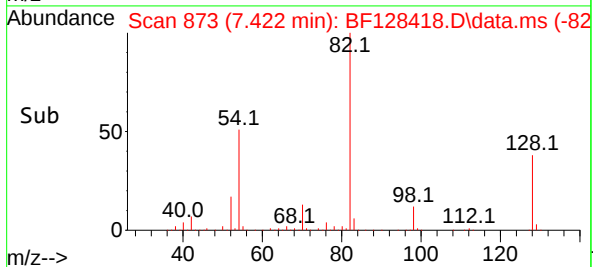
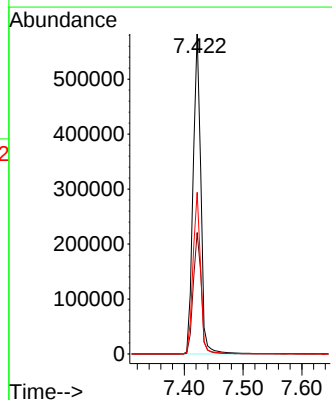
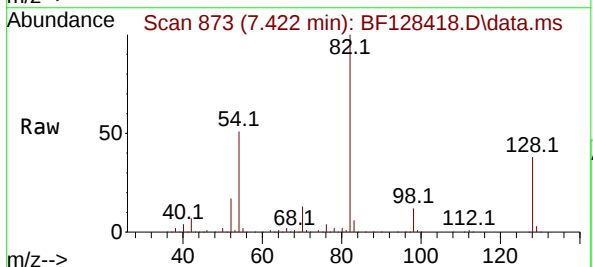
Instrument :
BNA_F
ClientSampleId :
P007-SS006-0006-01

Tgt Ion:136 Resp: 424098
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.9 6.8 10.2
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 56.480 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

Tgt Ion: 82 Resp: 534604
Ion Ratio Lower Upper
82 100
128 38.0 30.0 45.0
54 50.5 41.3 61.9

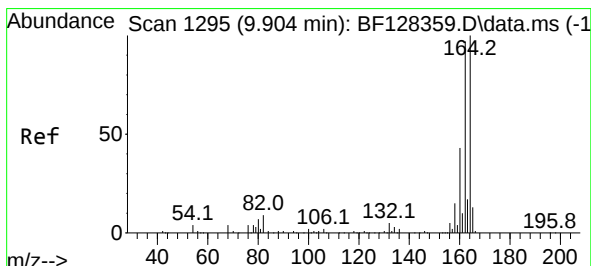
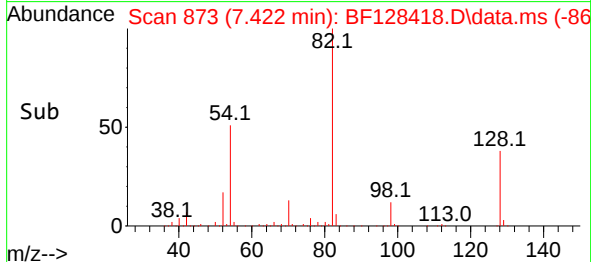
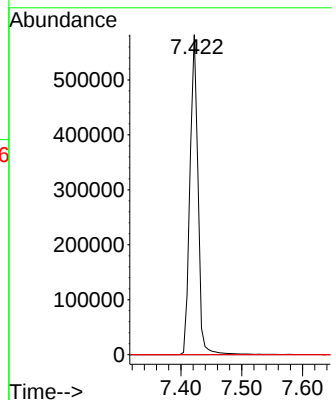
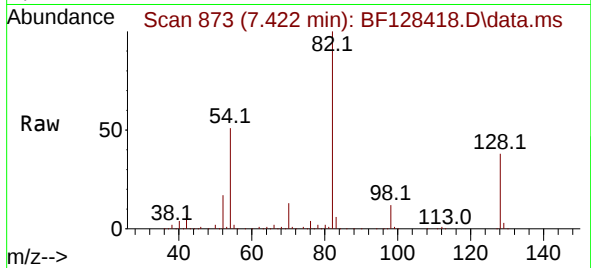




#25
Isophorone
Concen: 36.859 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

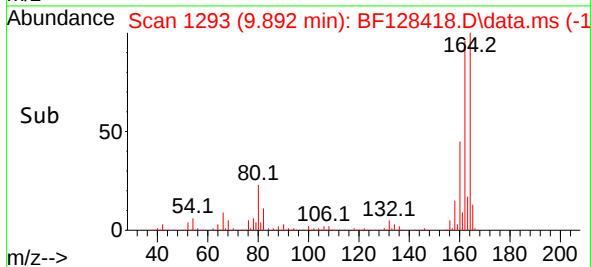
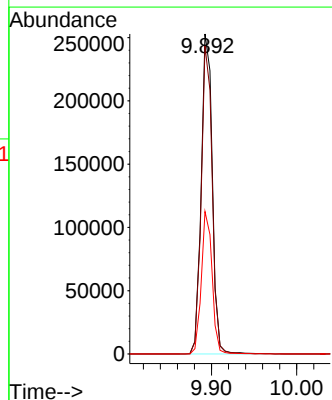
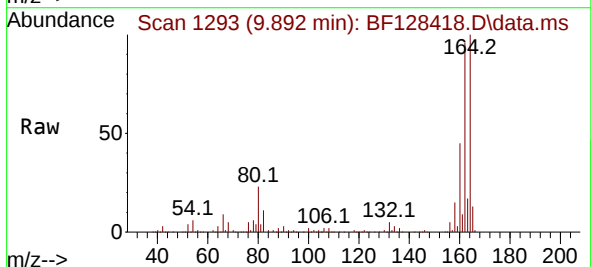
Instrument :
BNA_F
ClientSampleId :
P007-SS006-0006-01

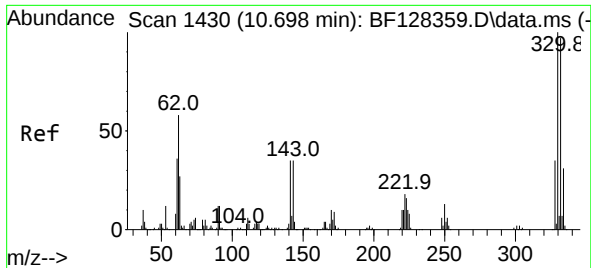
Tgt Ion: 82 Resp: 534653
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

Tgt Ion: 164 Resp: 228844
Ion Ratio Lower Upper
164 100
162 96.3 76.0 114.0
160 44.5 34.8 52.2

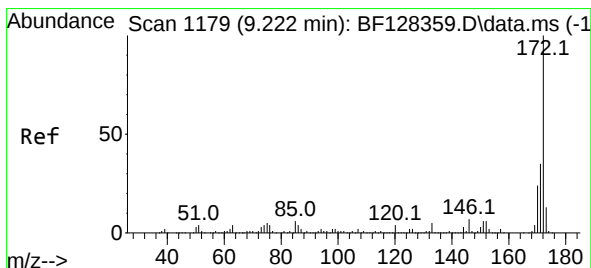
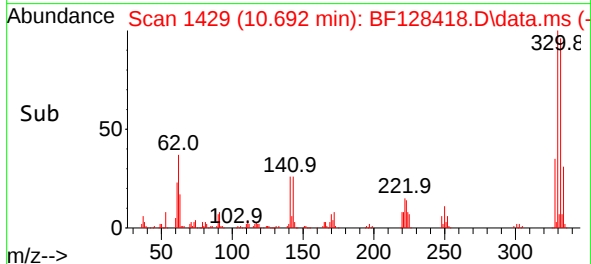
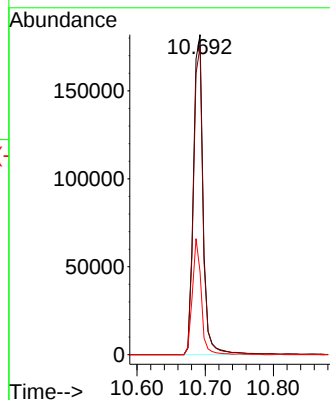
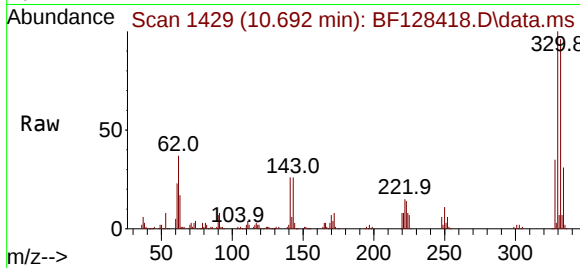




#42
 2,4,6-Tribromophenol
 Concen: 75.936 ng
 RT: 10.692 min Scan# 1429
 Delta R.T. -0.006 min
 Lab File: BF128418.D
 Acq: 24 May 2022 00:07

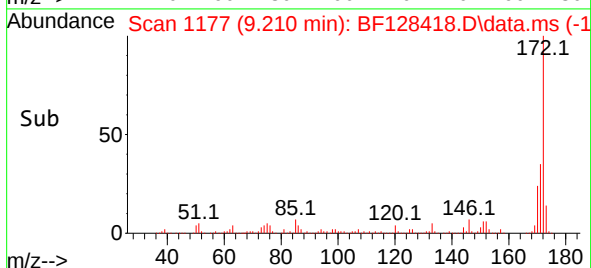
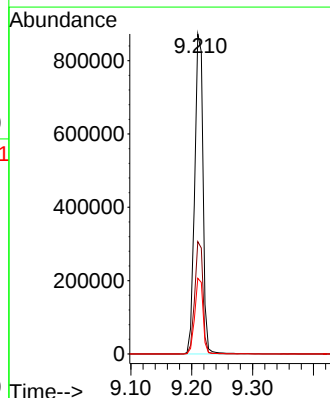
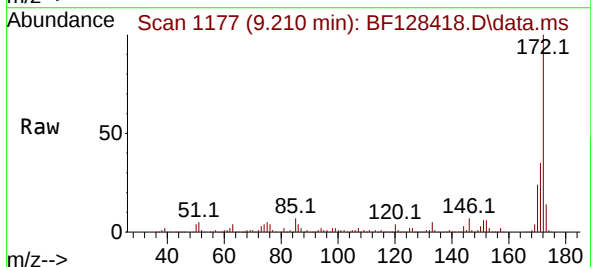
Instrument :
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 ClientSampleId :
 P007-SS006-0006-01

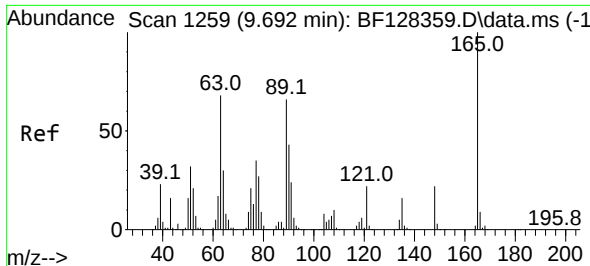
Tgt Ion:330 Resp: 179214
 Ion Ratio Lower Upper
 330 100
 332 95.1 79.0 118.4
 141 32.8 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 59.450 ng
 RT: 9.210 min Scan# 1177
 Delta R.T. -0.012 min
 Lab File: BF128418.D
 Acq: 24 May 2022 00:07

Tgt Ion:172 Resp: 831929
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.221 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF128418.D

Acq: 24 May 2022 00:07

Instrument :

BNA_F

ClientSampleId :

P007-SS006-0006-01

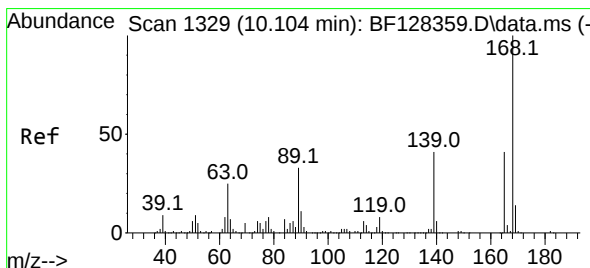
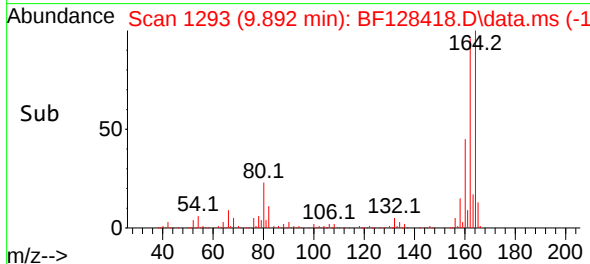
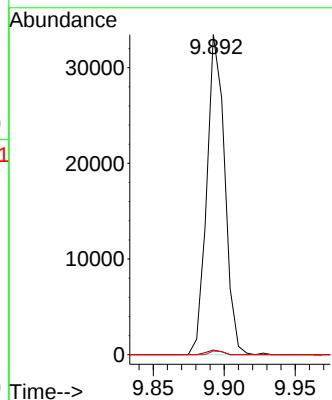
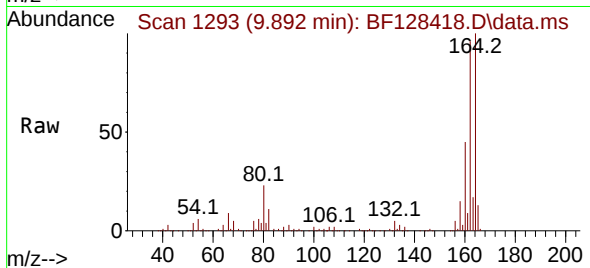
Tgt Ion:165 Resp: 29398

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.319 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF128418.D

Acq: 24 May 2022 00:07

Tgt Ion:165 Resp: 29398

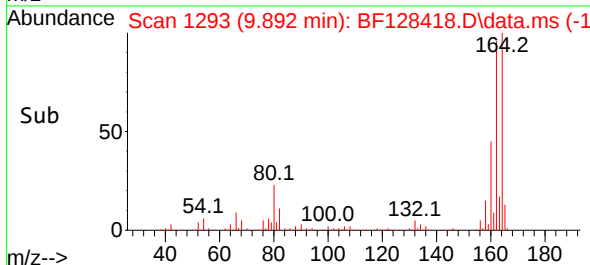
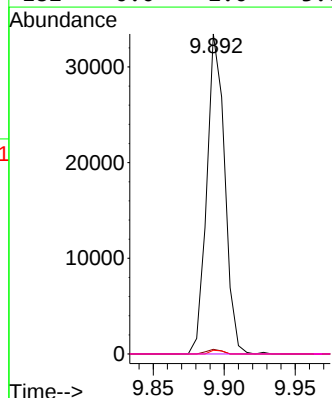
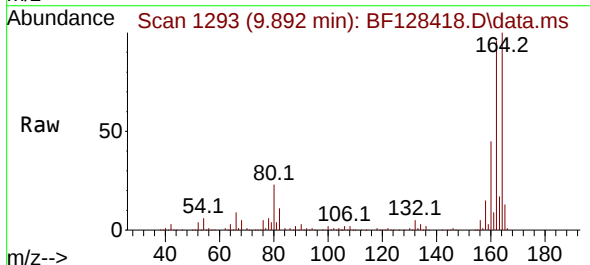
Ion Ratio Lower Upper

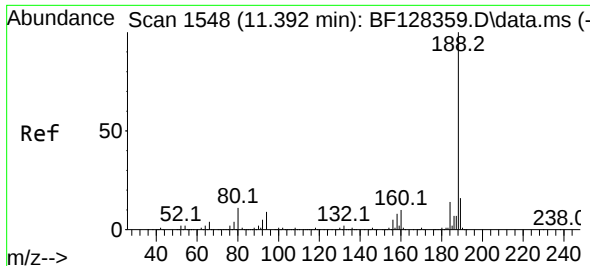
165 100

63 1.4 32.6 49.0#

89 1.2 55.2 82.8#

182 0.0 2.0 3.0#

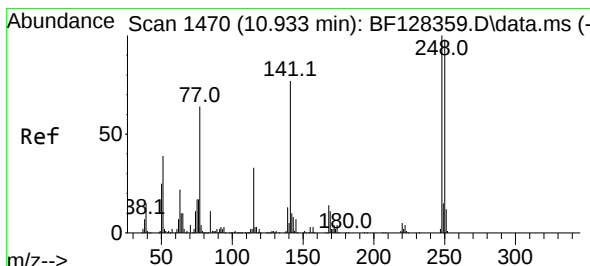
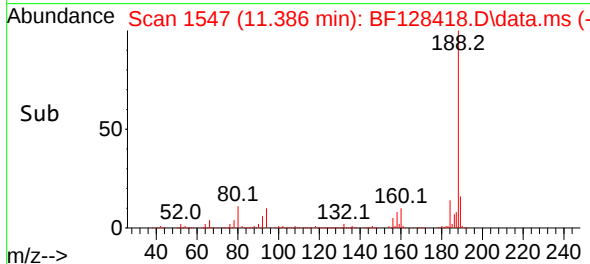
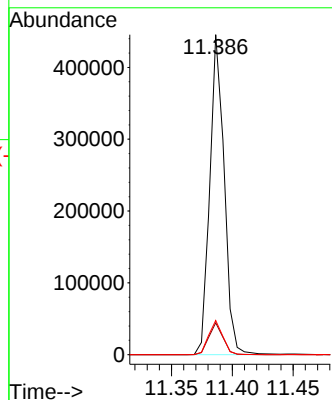
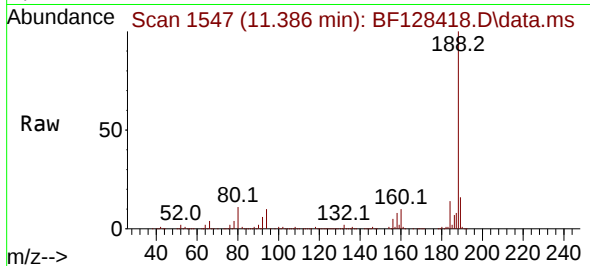




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

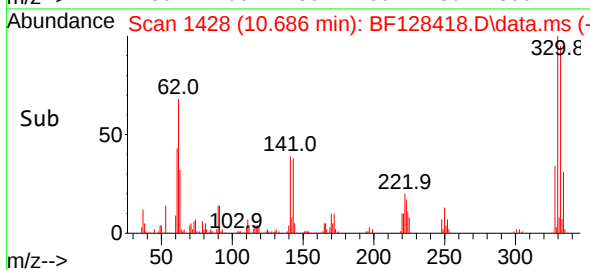
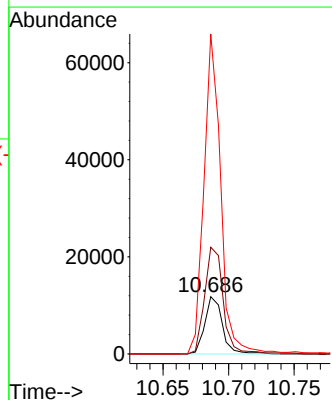
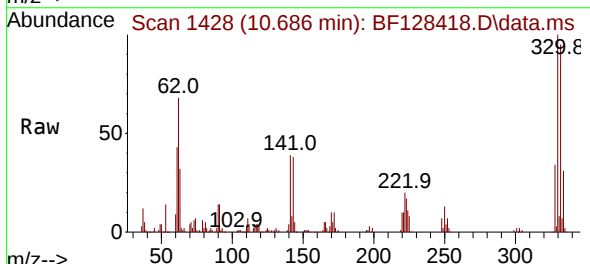
Instrument :
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P007-SS006-0006-01

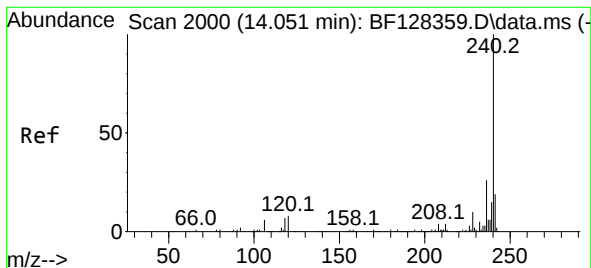
Tgt Ion:188 Resp: 366843
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.867 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF128418.D
Acq: 24 May 2022 00:07

Tgt Ion:248 Resp: 11006
Ion Ratio Lower Upper
248 100
250 186.2 77.7 116.5#
141 558.4 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF128418.D

Acq: 24 May 2022 00:07

Instrument :

BNA_F

ClientSampleId :

P007-SS006-0006-01

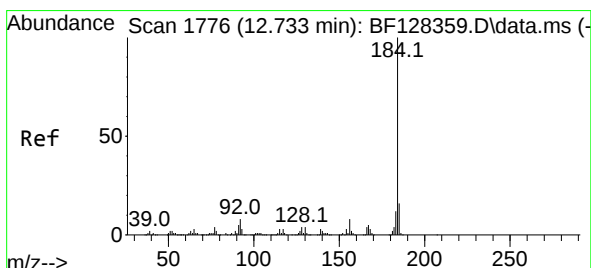
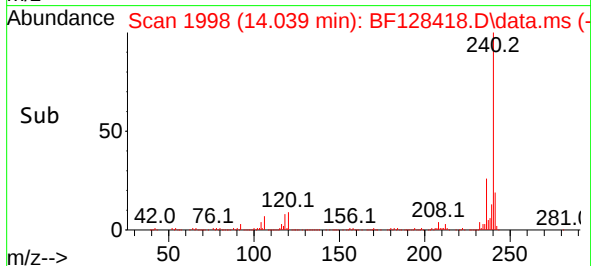
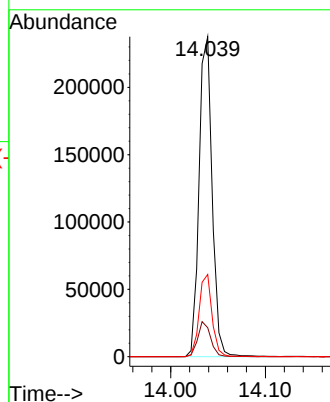
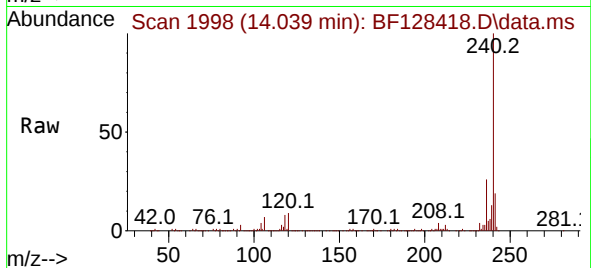
Tgt Ion:240 Resp: 228194

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

236 25.7 20.3 30.5



#77

Benzidine

Concen: 2.100 ng

RT: 12.969 min Scan# 1816

Delta R.T. 0.235 min

Lab File: BF128418.D

Acq: 24 May 2022 00:07

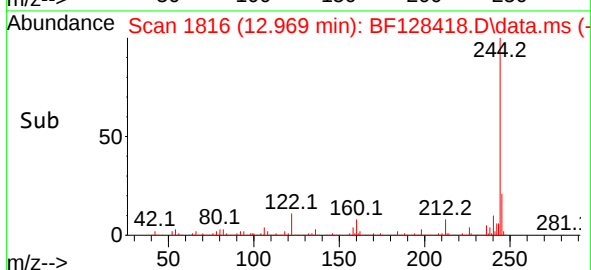
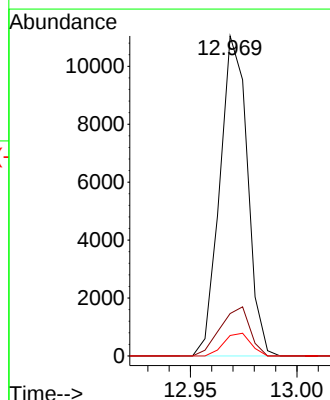
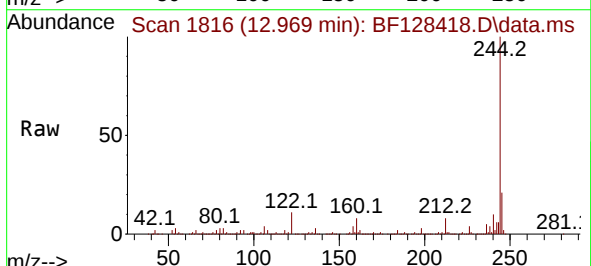
Tgt Ion:184 Resp: 9965

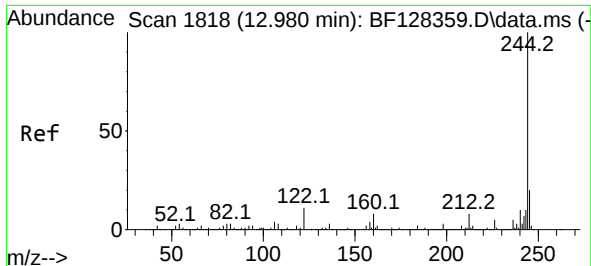
Ion Ratio Lower Upper

184 100

185 13.3 12.1 18.1

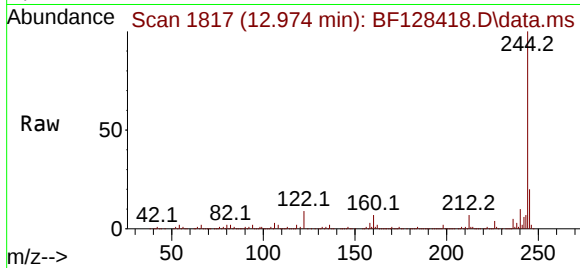
183 6.4 9.0 13.4#



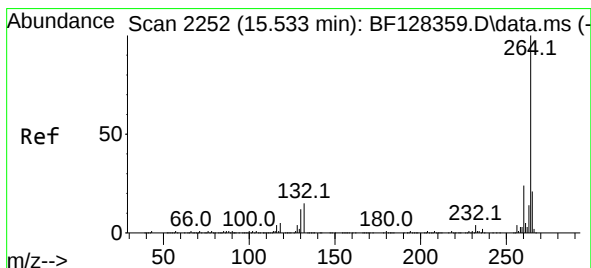
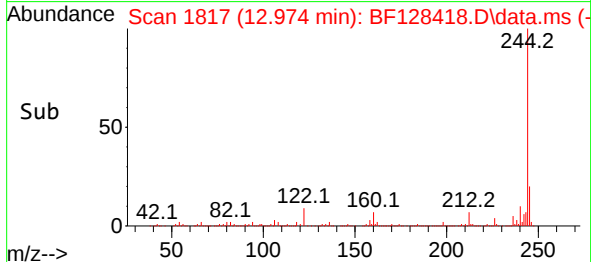
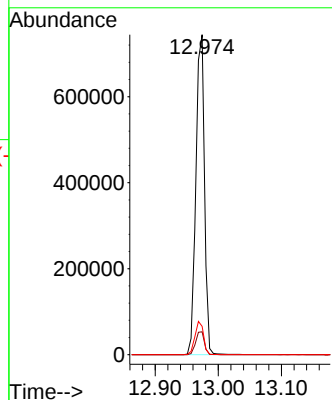


#79
 Terphenyl-d14
 Concen: 59.464 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128418.D
 Acq: 24 May 2022 00:07

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS006-0006-01



Tgt Ion:244 Resp: 702925
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2250
 Delta R.T. -0.012 min
 Lab File: BF128418.D
 Acq: 24 May 2022 00:07

Tgt Ion:264 Resp: 235689
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 22.0 17.5 26.3

