

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128420.D
 Acq On : 24 May 2022 01:06
 Operator : CG\JU
 Sample : N2874-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS002-0612-01

Quant Time: May 24 02:37:58 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)

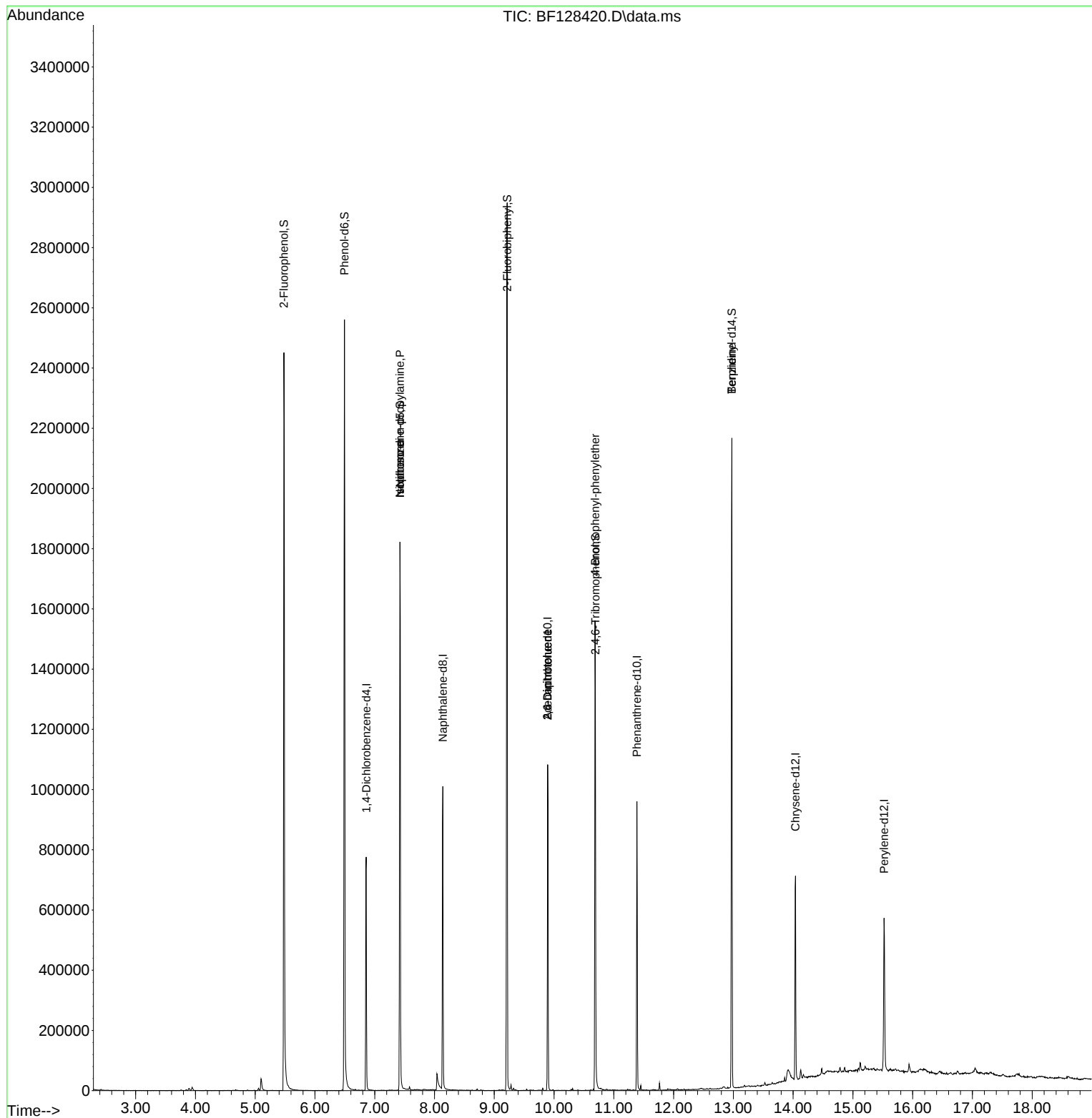
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	117545	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	439361	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	225964	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	333509	20.000	ng	0.00
76) Chrysene-d12	14.039	240	240336	20.000	ng	-0.01
86) Perylene-d12	15.521	264	234337	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	690642	93.502	ng	0.00
7) Phenol-d6	6.493	99	911570	93.722	ng	0.00
23) Nitrobenzene-d5	7.422	82	642018	65.472	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	187706	80.548	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	944401	68.348	ng	0.00
79) Terphenyl-d14	12.975	244	741643	59.570	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	1689	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	85323	14.668	ng	# 80
25) Isophorone	7.422	82	642014	42.723	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	29120	9.250	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	29120	7.342	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	11172	3.201	ng	# 1
77) Benzydine	12.975	184	10126	2.026	ng	# 95

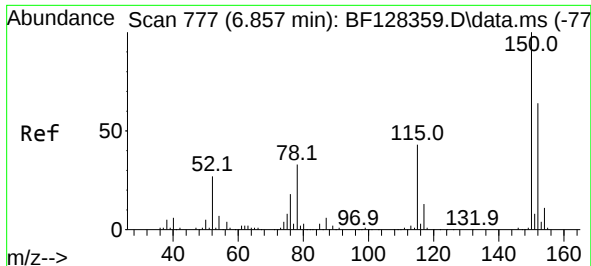
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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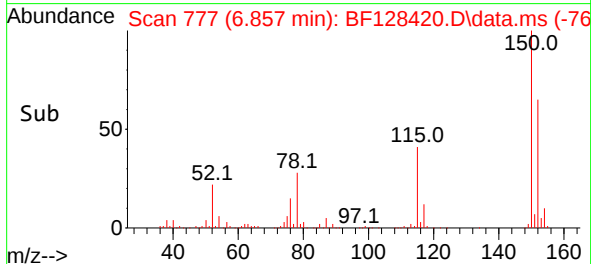
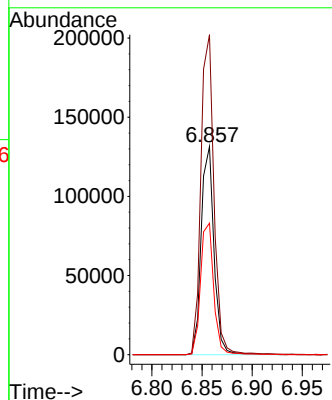
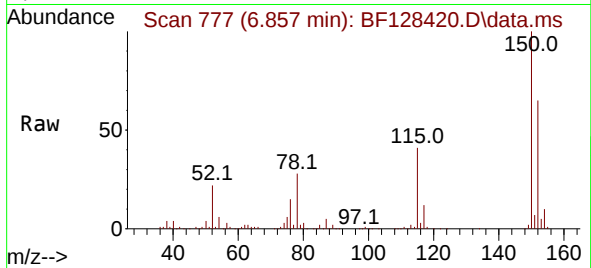




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

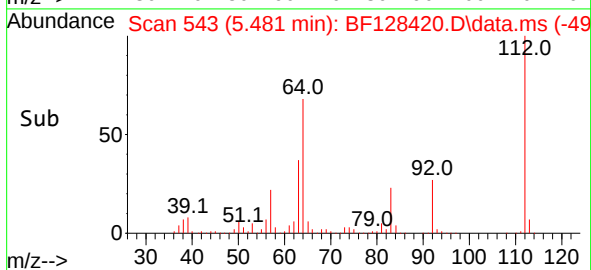
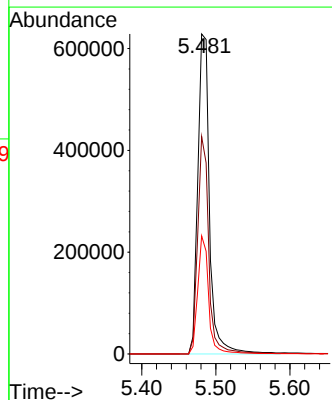
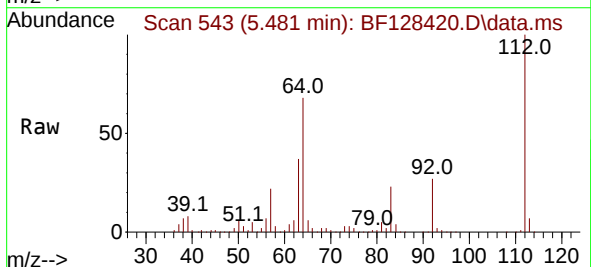
Instrument :
BNA_F
ClientSampleId :
P007-SS002-0612-01

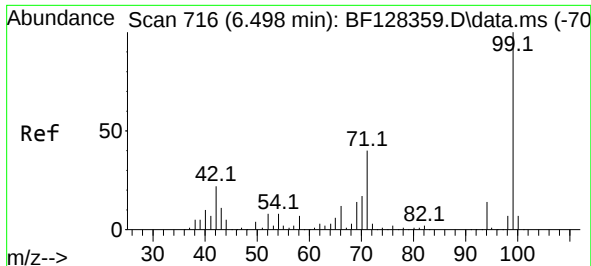
Tgt Ion:152 Resp: 117545
Ion Ratio Lower Upper
152 100
150 153.7 125.3 187.9
115 63.2 48.8 73.2



#5
2-Fluorophenol
Concen: 93.502 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

Tgt Ion:112 Resp: 690642
Ion Ratio Lower Upper
112 100
64 68.0 49.5 74.3
63 36.9 26.3 39.5

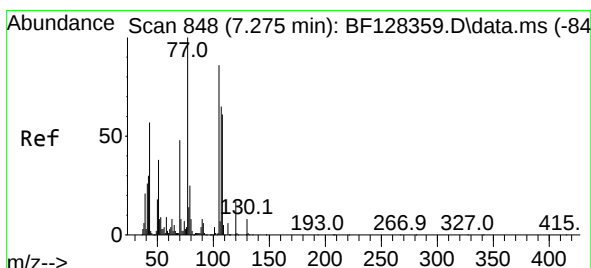
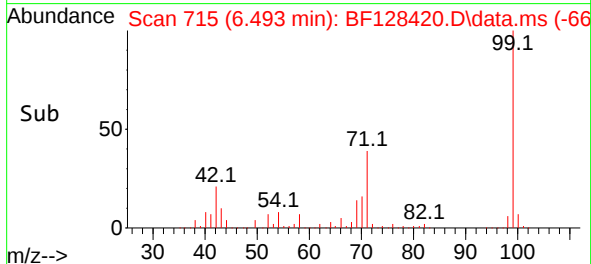
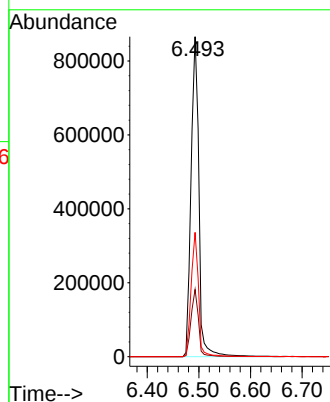
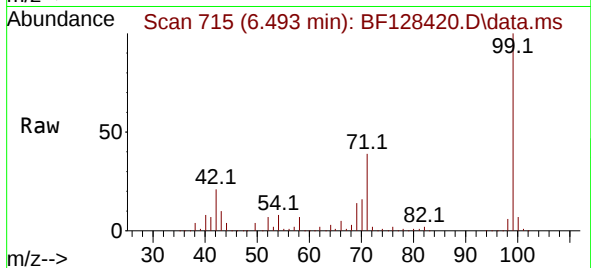




#7
Phenol-d6
Concen: 93.722 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

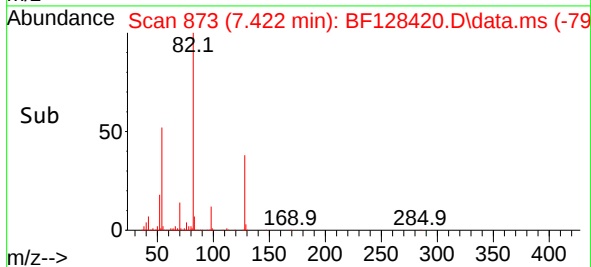
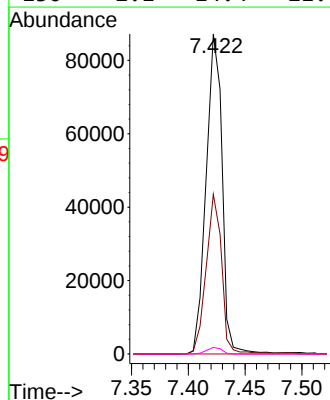
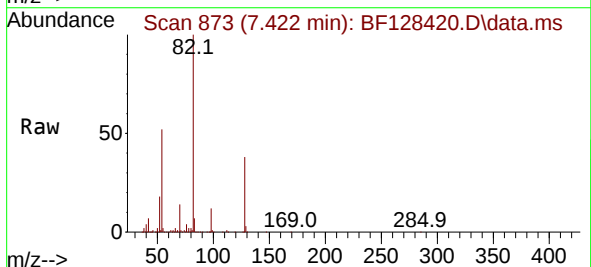
Instrument :
BNA_F
ClientSampleId :
P007-SS002-0612-01

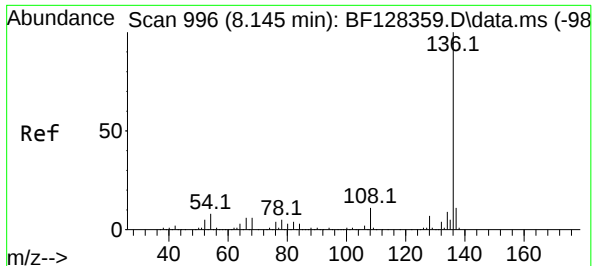
Tgt Ion: 99 Resp: 911570
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 38.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.668 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

Tgt Ion: 70 Resp: 85323
Ion Ratio Lower Upper
70 100
42 49.9 48.7 73.1
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#

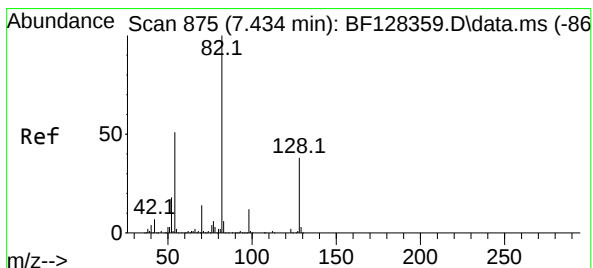
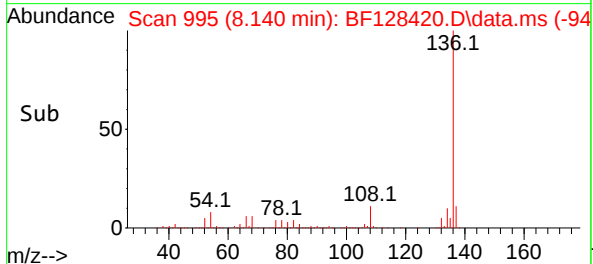
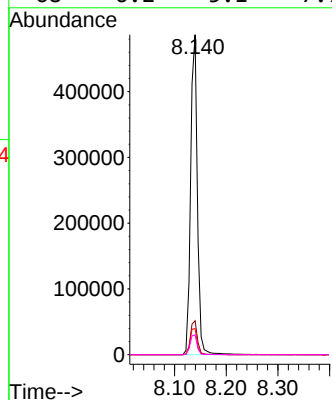
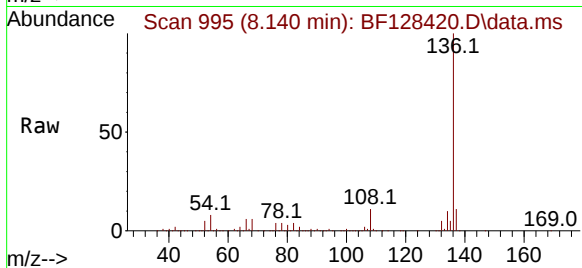




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 91
Delta R.T. -0.005 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

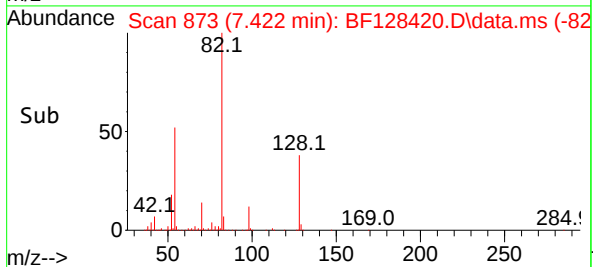
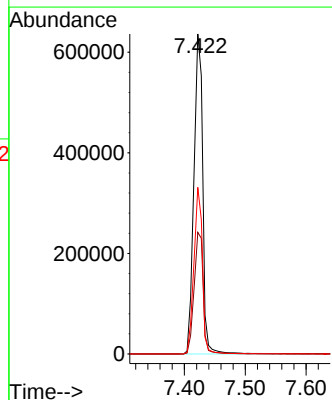
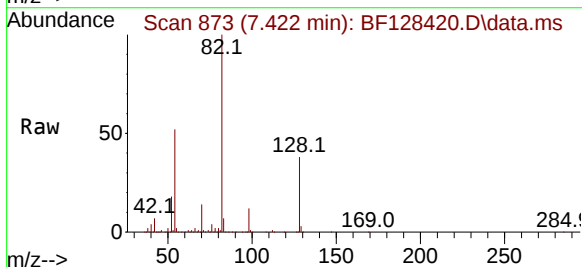
Instrument :
BNA_F
ClientSampleId :
P007-SS002-0612-01

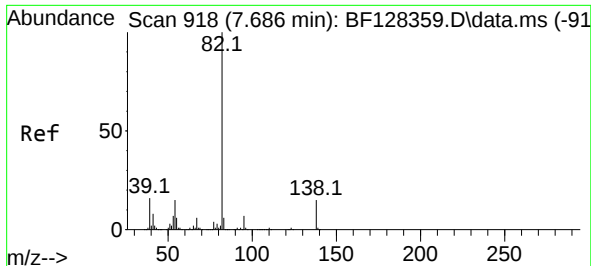
Tgt Ion:136 Resp: 439361
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.1 6.8 10.2
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 65.472 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

Tgt Ion: 82 Resp: 642018
Ion Ratio Lower Upper
82 100
128 38.0 30.0 45.0
54 52.1 41.3 61.9

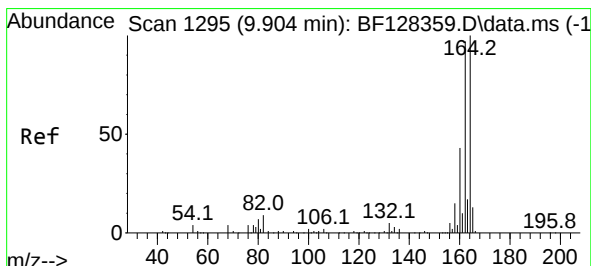
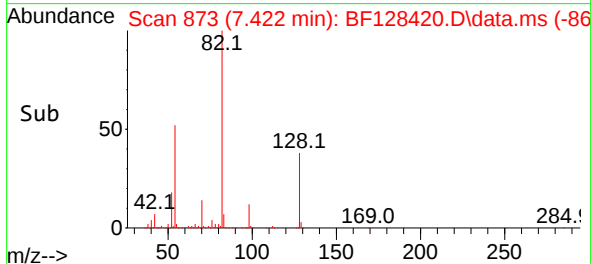
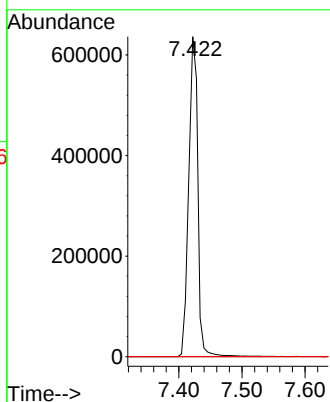
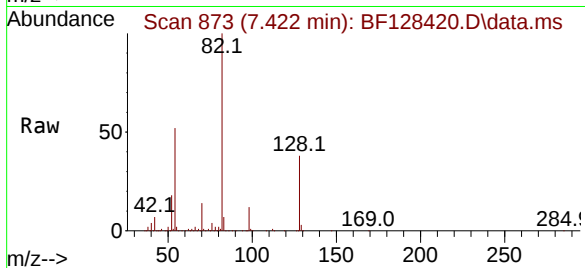




#25
Isophorone
Concen: 42.723 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

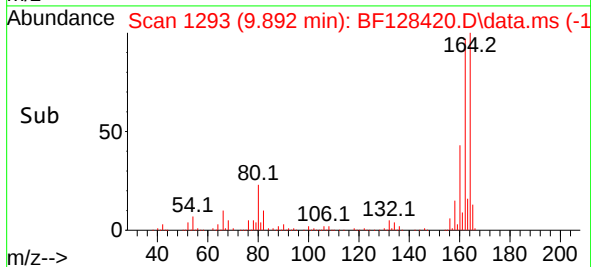
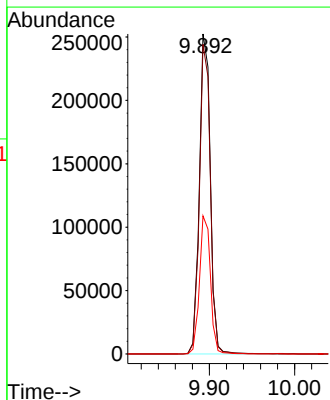
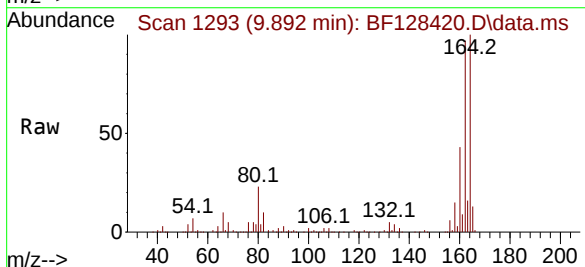
Instrument :
BNA_F
ClientSampleId :
P007-SS002-0612-01

Tgt Ion: 82 Resp: 642014
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: BF128420.D
Acq: 24 May 2022 01:06

Tgt Ion: 164 Resp: 225964
Ion Ratio Lower Upper
164 100
162 96.7 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 80.548 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128420.D

Acq: 24 May 2022 01:06

Instrument :

BNA_F

ClientSampleId :

P007-SS002-0612-01

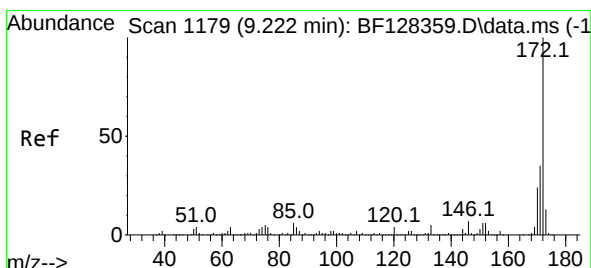
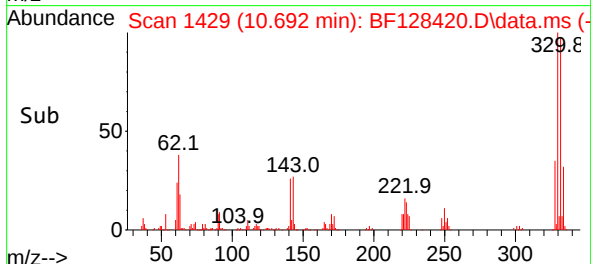
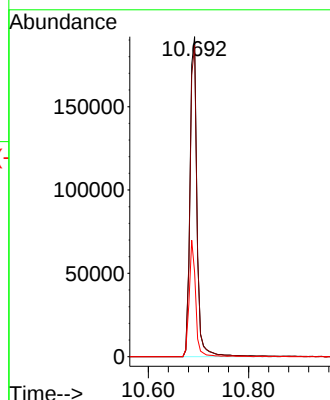
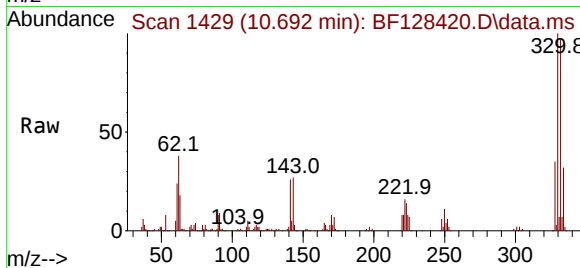
Tgt Ion:330 Resp: 187706

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 68.348 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128420.D

Acq: 24 May 2022 01:06

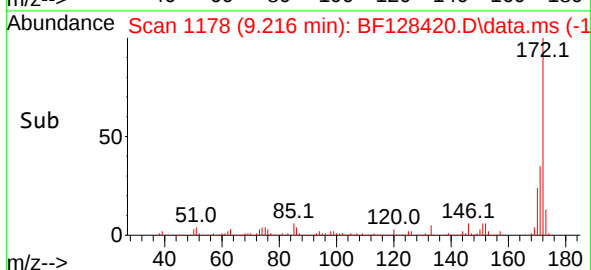
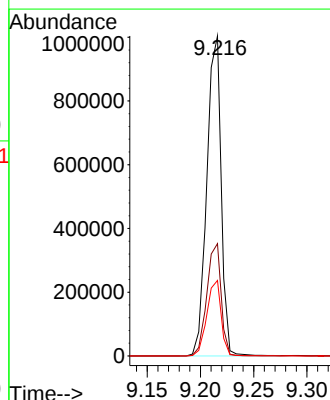
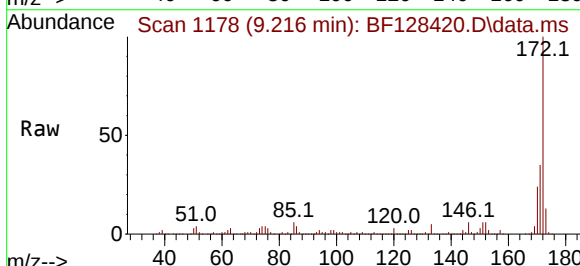
Tgt Ion:172 Resp: 944401

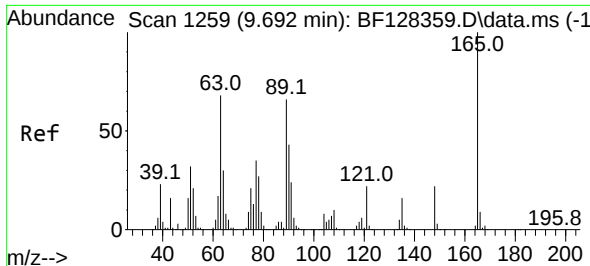
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.6 19.1 28.7

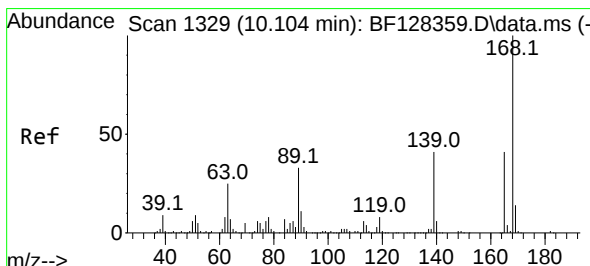
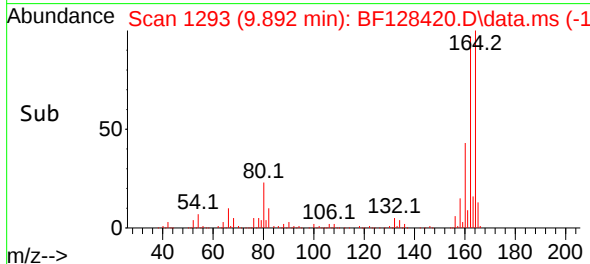
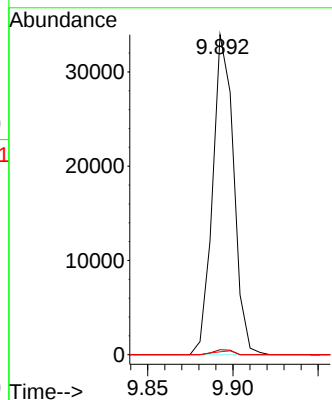
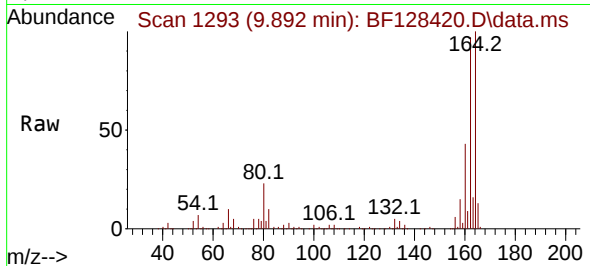




#51
2,6-Dinitrotoluene
Concen: 9.250 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

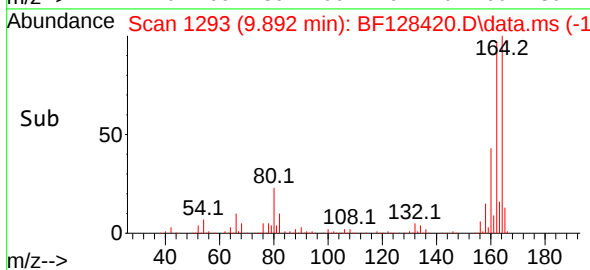
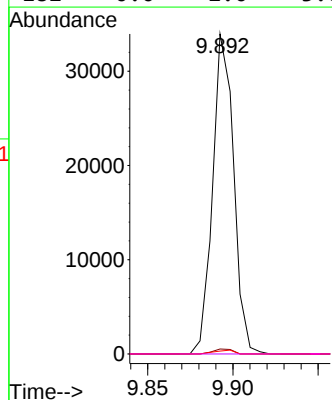
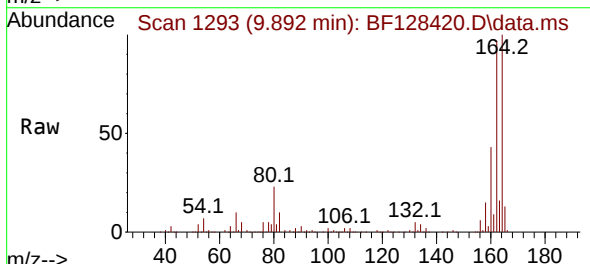
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P007-SS002-0612-01

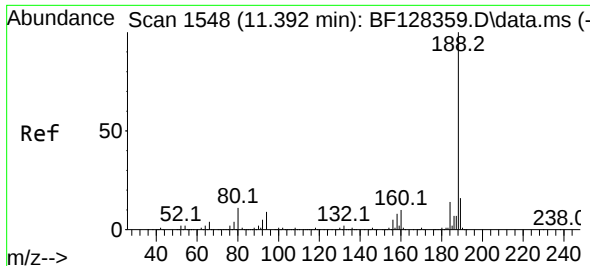
Tgt Ion:165 Resp: 29120
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 0.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.342 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.212 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

Tgt Ion:165 Resp: 29120
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 0.9 55.2 82.8#
182 0.0 2.0 3.0#

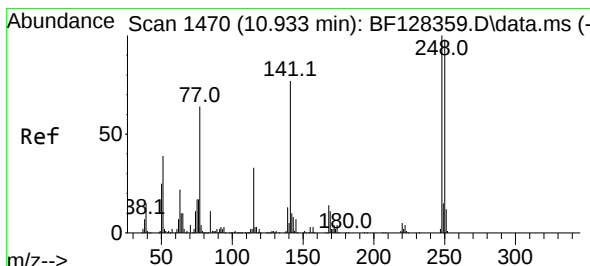
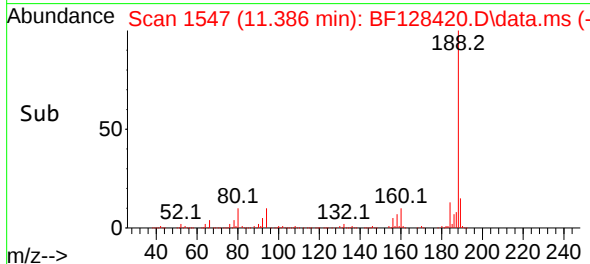
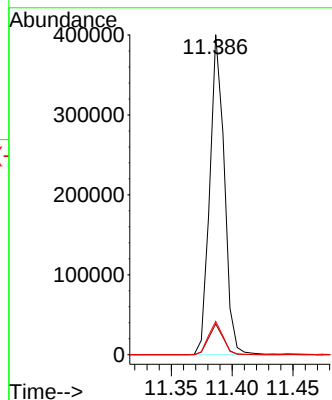
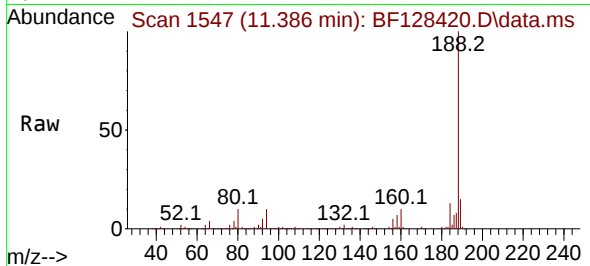




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

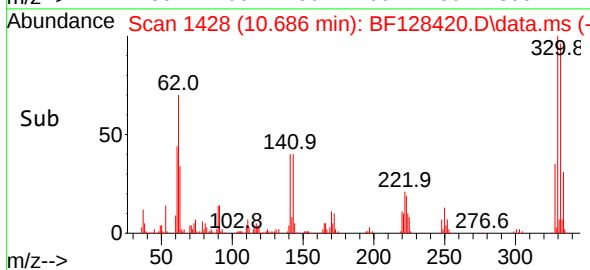
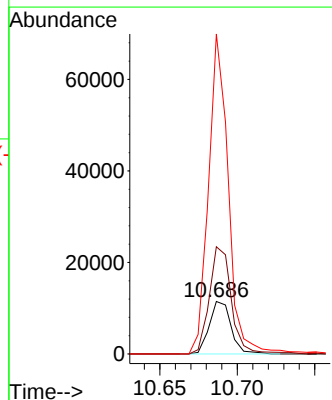
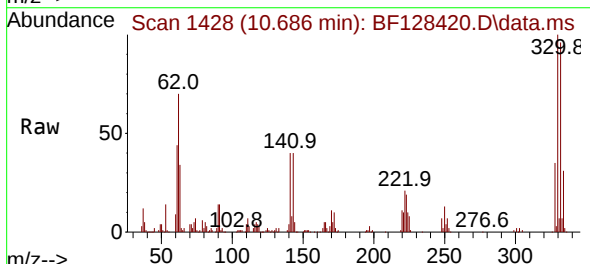
Instrument :
BNA_F
ClientSampleId :
P007-SS002-0612-01

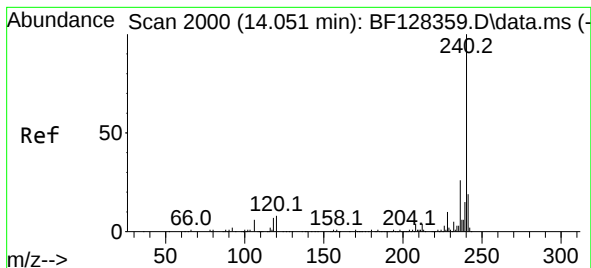
Tgt Ion:188 Resp: 333509
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.201 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF128420.D
Acq: 24 May 2022 01:06

Tgt Ion:248 Resp: 11172
Ion Ratio Lower Upper
248 100
250 204.4 77.7 116.5#
141 610.0 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.012 min

Lab File: BF128420.D

Acq: 24 May 2022 01:06

Instrument :

BNA_F

ClientSampleId :

P007-SS002-0612-01

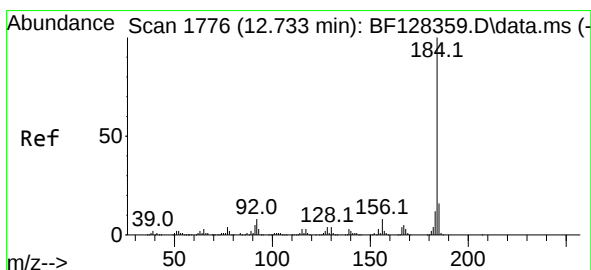
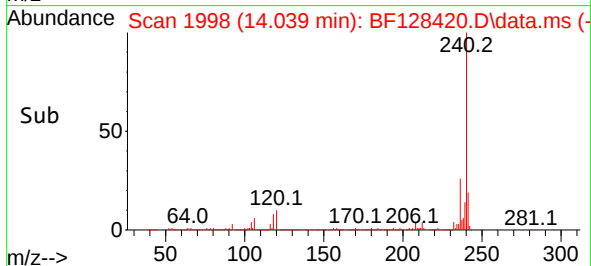
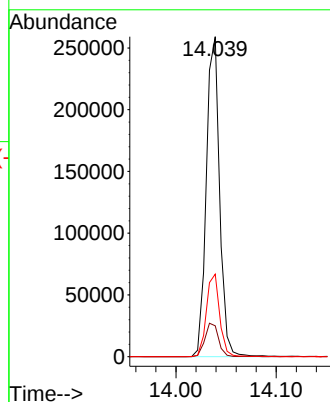
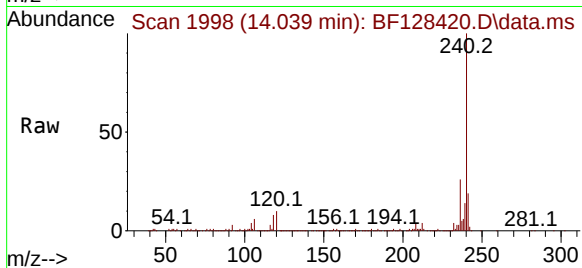
Tgt Ion:240 Resp: 240336

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

236 25.8 20.3 30.5



#77

Benzidine

Concen: 2.026 ng

RT: 12.975 min Scan# 1817

Delta R.T. 0.241 min

Lab File: BF128420.D

Acq: 24 May 2022 01:06

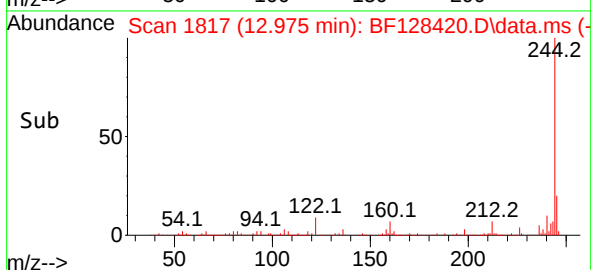
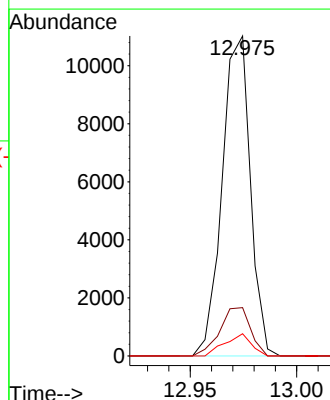
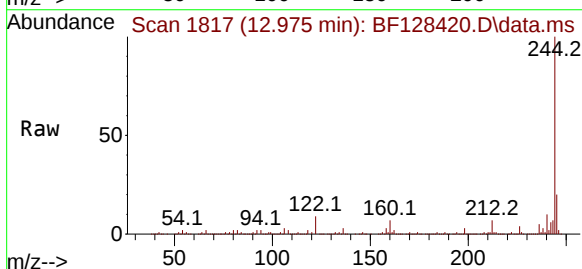
Tgt Ion:184 Resp: 10126

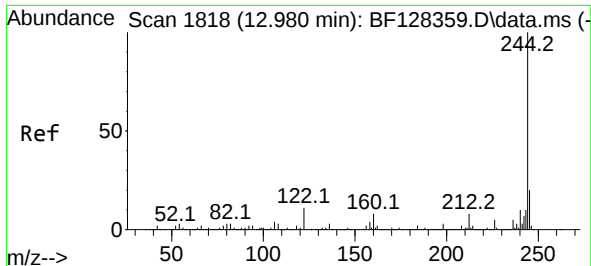
Ion Ratio Lower Upper

184 100

185 15.1 12.1 18.1

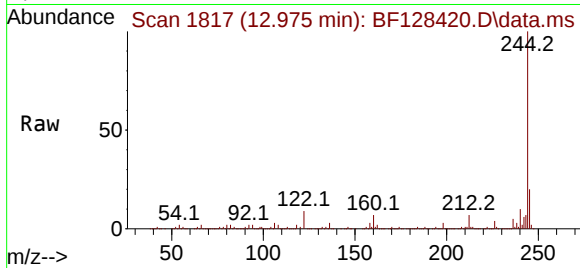
183 6.9 9.0 13.4#



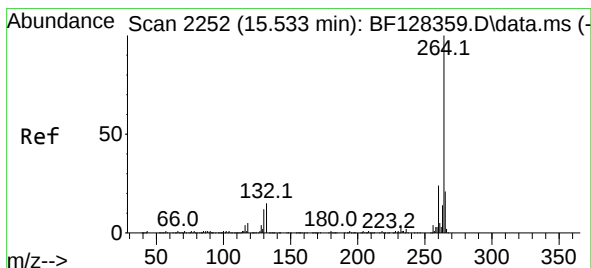
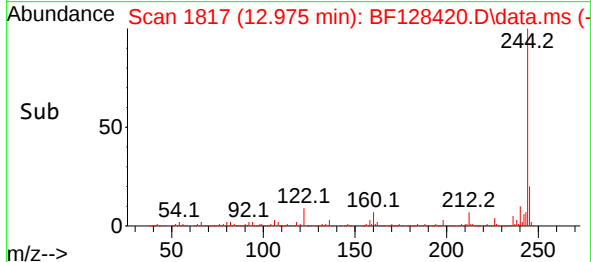
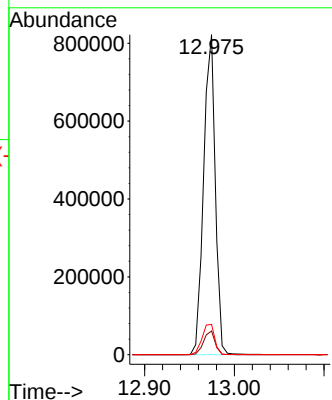


#79
 Terphenyl-d14
 Concen: 59.570 ng
 RT: 12.975 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128420.D
 Acq: 24 May 2022 01:06

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS002-0612-01



Tgt Ion:244 Resp: 741643
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.5 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: BF128420.D
 Acq: 24 May 2022 01:06

Tgt Ion:264 Resp: 234337
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.1 30.1
 265 21.6 17.5 26.3

