

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128412.D
 Acq On : 23 May 2022 21:10
 Operator : CG\JU
 Sample : N2873-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-0612-01

Quant Time: May 24 01:24:01 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)

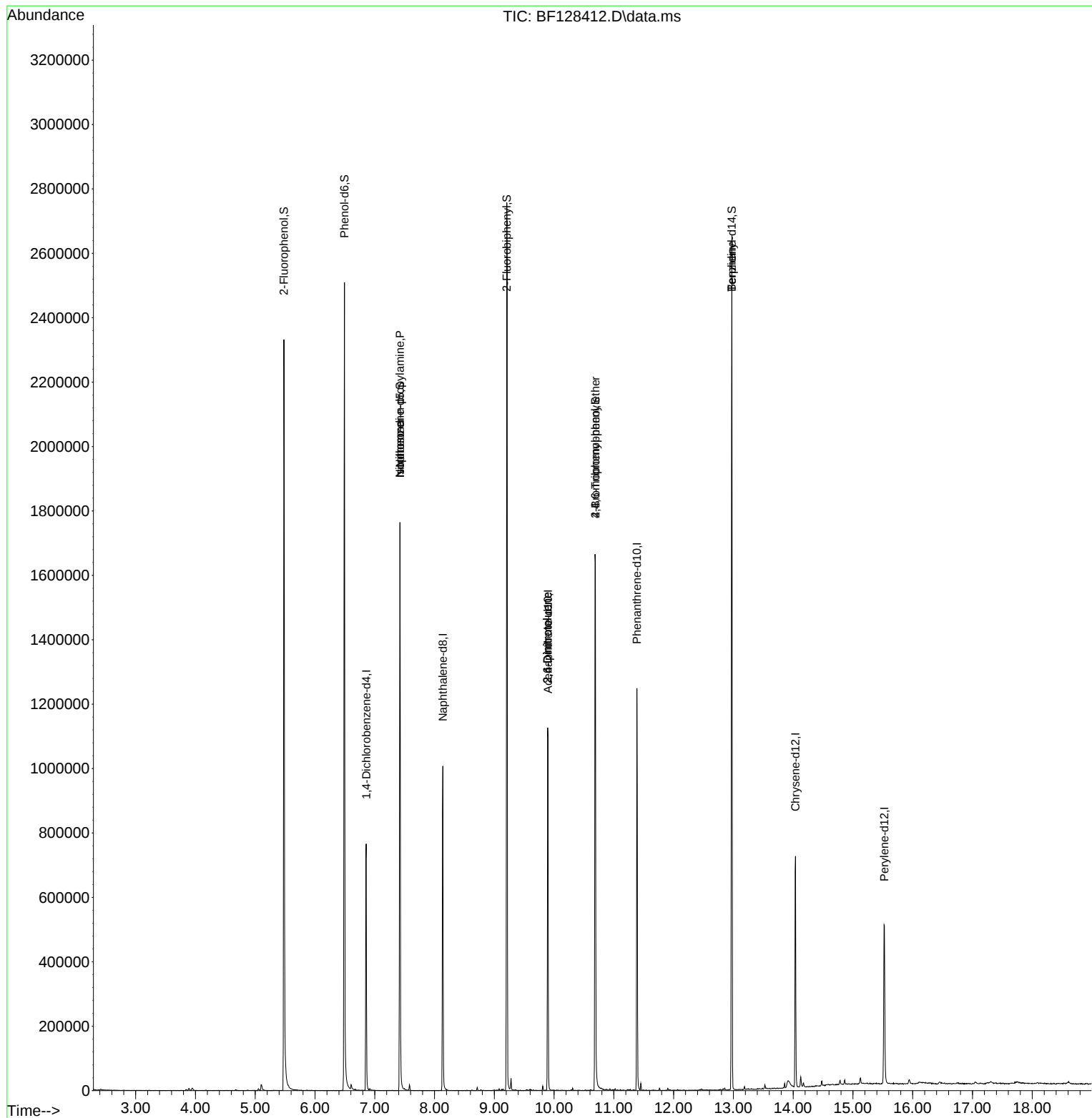
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	117977	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	455009	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	250942	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	447409	20.000	ng	0.00
76) Chrysene-d12	14.039	240	257522	20.000	ng	-0.01
86) Perylene-d12	15.527	264	244477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	645961	87.133	ng	0.00
7) Phenol-d6	6.492	99	835381	85.574	ng	0.00
23) Nitrobenzene-d5	7.422	82	583856	57.493	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	216138	83.517	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	884153	57.618	ng	-0.01
79) Terphenyl-d14	12.974	244	895271	67.111	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	1268	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	77720	13.312	ng	# 79
25) Isophorone	7.422	82	583852	37.516	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	31863	9.114	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	31863	7.234	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	13012	2.779	ng	# 1
77) Benizidine	12.974	184	12723	2.375	ng	# 94

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

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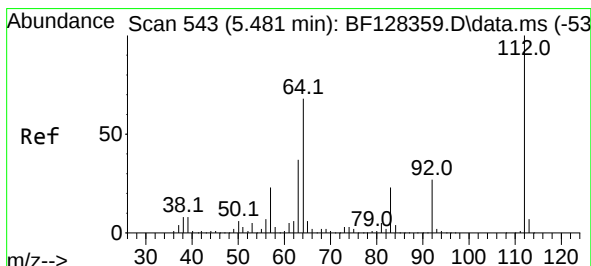
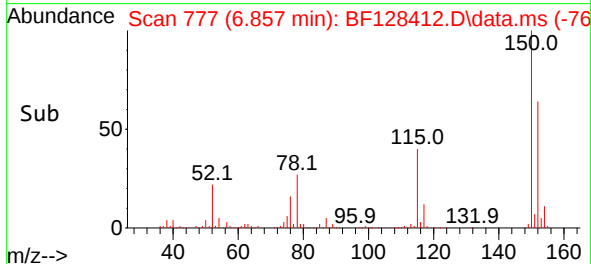
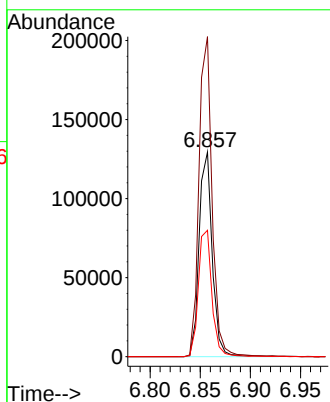
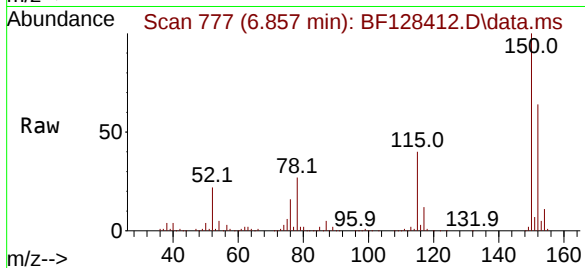




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128412.D
 Acq: 23 May 2022 21:10

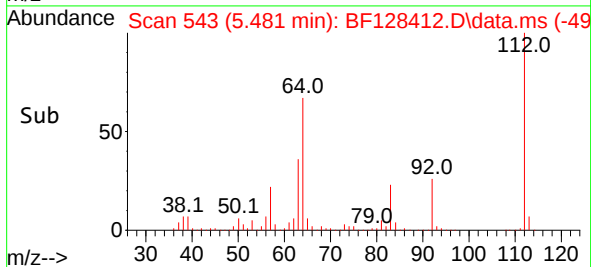
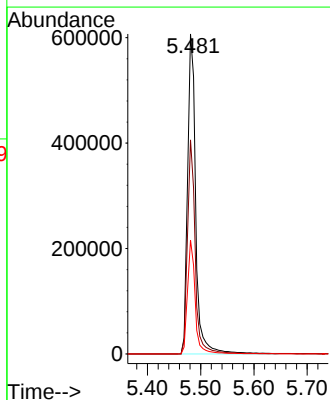
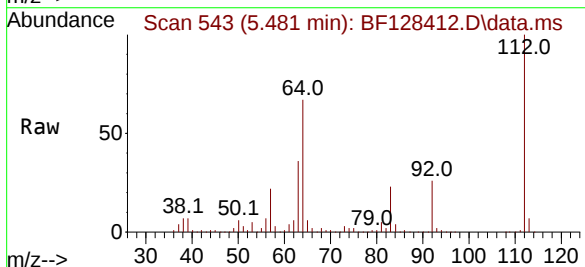
Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-0612-01

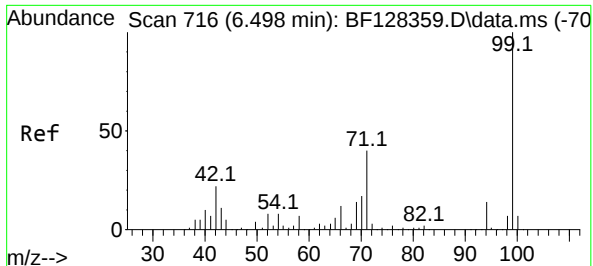
Tgt Ion:152 Resp: 117977
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.3 187.9
 115 61.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 87.133 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF128412.D
 Acq: 23 May 2022 21:10

Tgt Ion:112 Resp: 645961
 Ion Ratio Lower Upper
 112 100
 64 66.9 49.5 74.3
 63 35.6 26.3 39.5

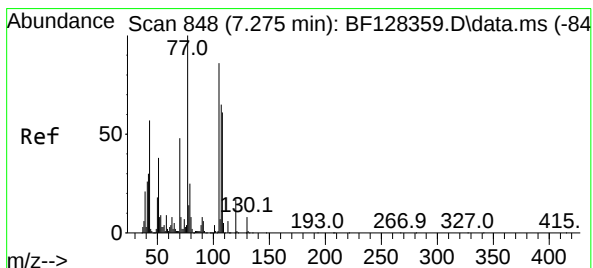
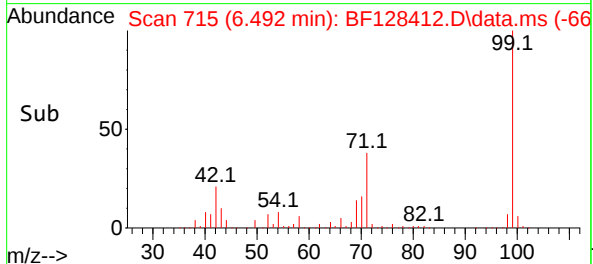
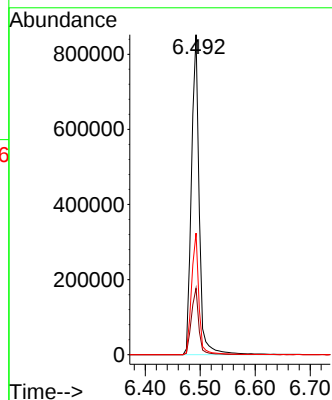
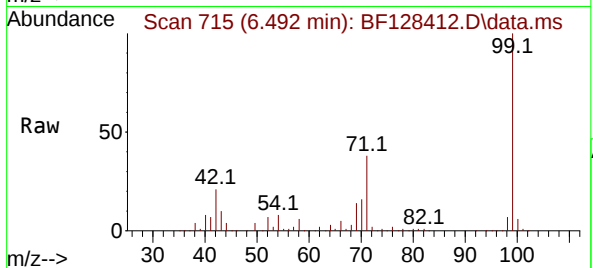




#7
Phenol-d6
Concen: 85.574 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128412.D
Acq: 23 May 2022 21:10

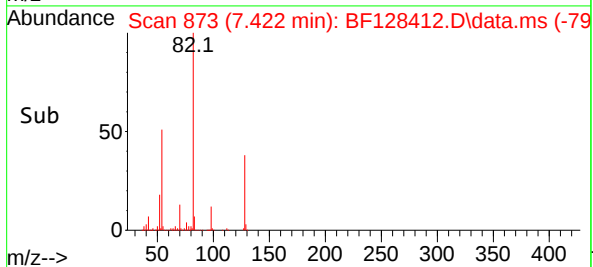
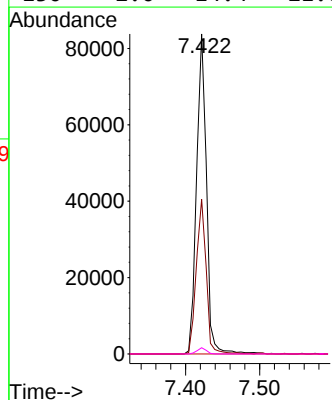
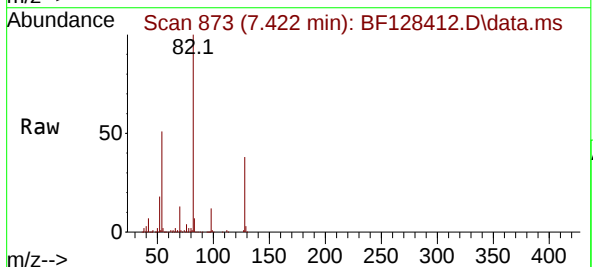
Instrument :
BNA_F
ClientSampleId :
P031-SS001-0612-01

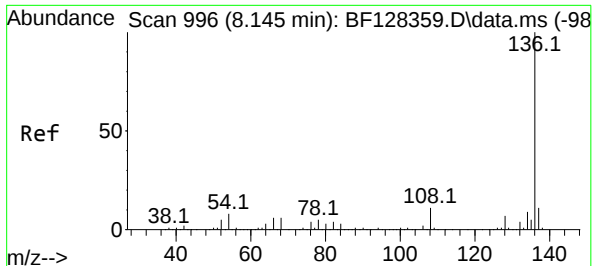
Tgt Ion: 99 Resp: 835381
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.312 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128412.D
Acq: 23 May 2022 21:10

Tgt Ion: 70 Resp: 77720
Ion Ratio Lower Upper
70 100
42 48.3 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: 8.139 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128412.D

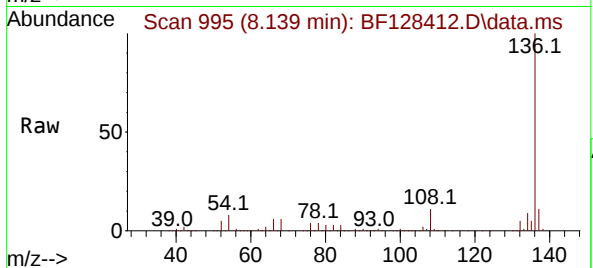
Acq: 23 May 2022 21:10

Instrument :

BNA_F

ClientSampleId :

P031-SS001-0612-01



Tgt Ion:136 Resp: 455009

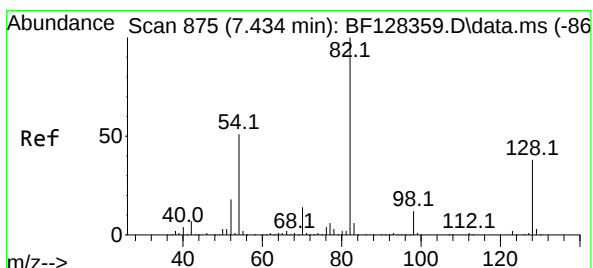
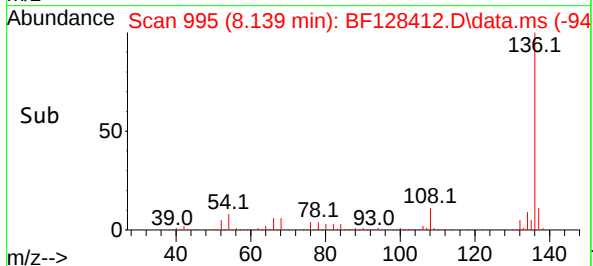
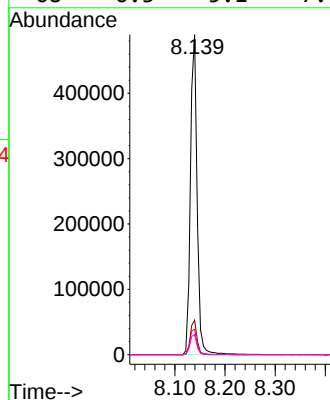
Ion Ratio Lower Upper

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: 57.493 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF128412.D

Acq: 23 May 2022 21:10

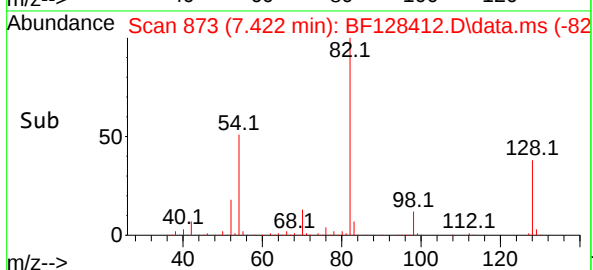
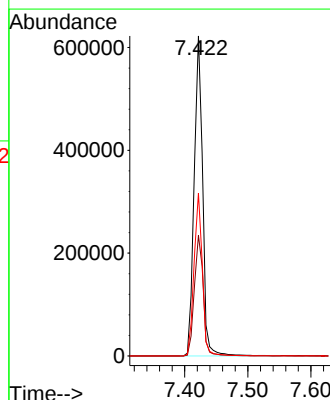
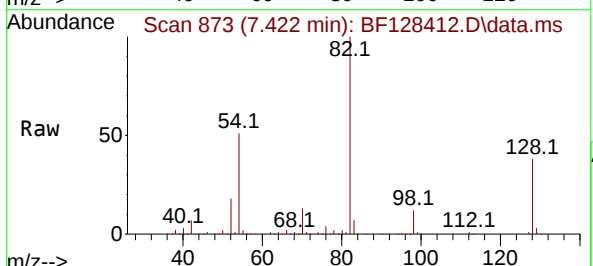
Tgt Ion: 82 Resp: 583856

Ion Ratio Lower Upper

82 100

128 37.7 30.0 45.0

54 50.9 41.3 61.9

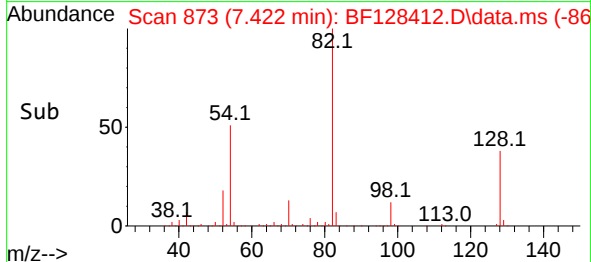
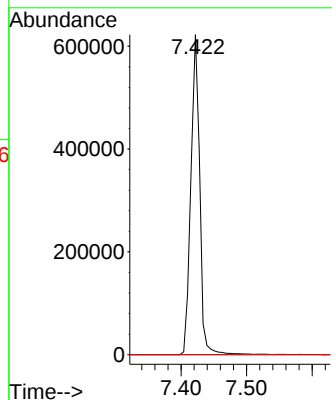
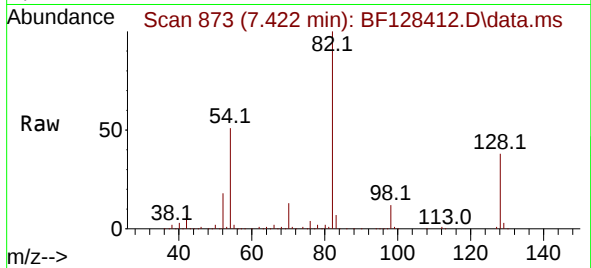




#25
Isophorone
Concen: 37.516 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128412.D
Acq: 23 May 2022 21:10

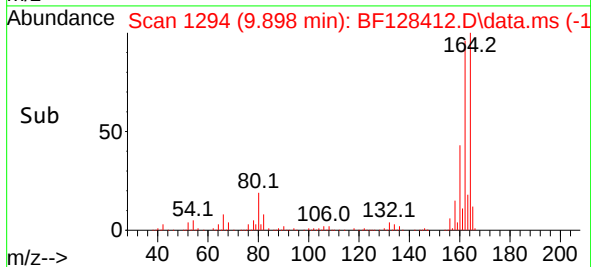
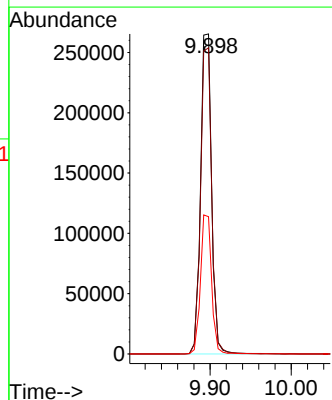
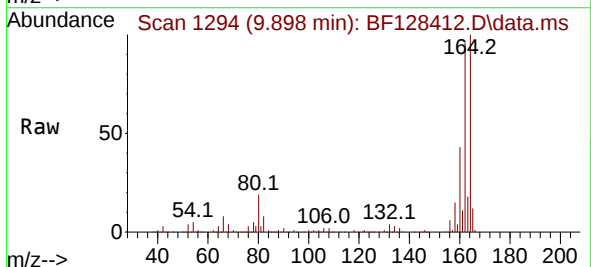
Instrument :
BNA_F
ClientSampleId :
P031-SS001-0612-01

Tgt Ion: 82 Resp: 583852
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: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128412.D
Acq: 23 May 2022 21:10

Tgt Ion: 164 Resp: 250942
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 83.517 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128412.D

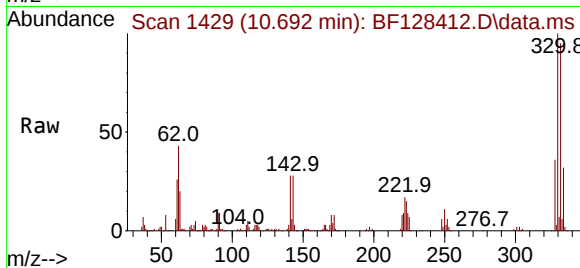
Acq: 23 May 2022 21:10

Instrument :

BNA_F

ClientSampleId :

P031-SS001-0612-01



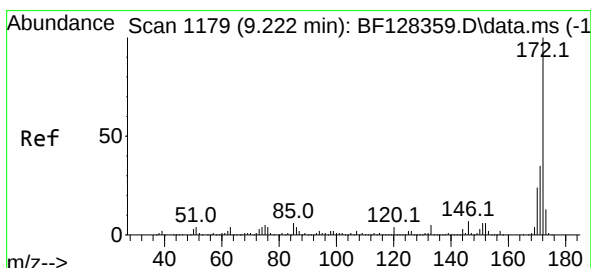
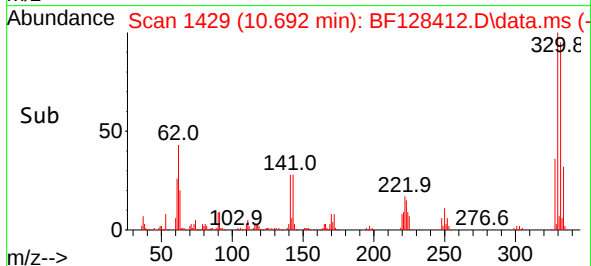
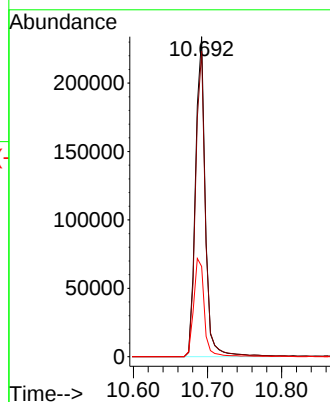
Tgt Ion:330 Resp: 216138

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

141 33.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 57.618 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF128412.D

Acq: 23 May 2022 21:10

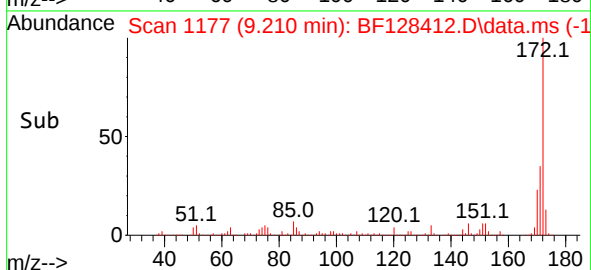
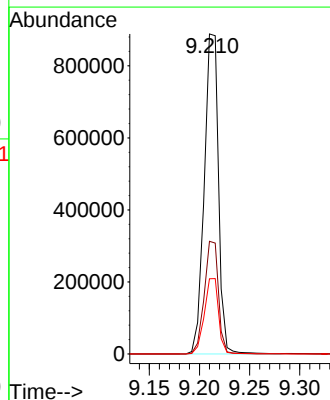
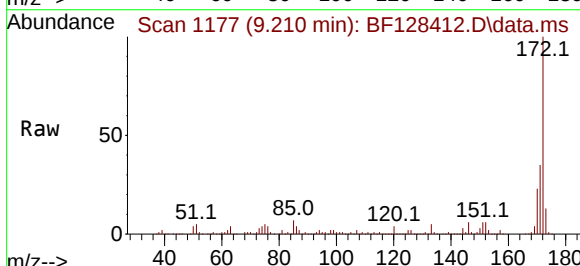
Tgt Ion:172 Resp: 884153

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.114 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF128412.D

Acq: 23 May 2022 21:10

Instrument :

BNA_F

ClientSampleId :

P031-SS001-0612-01

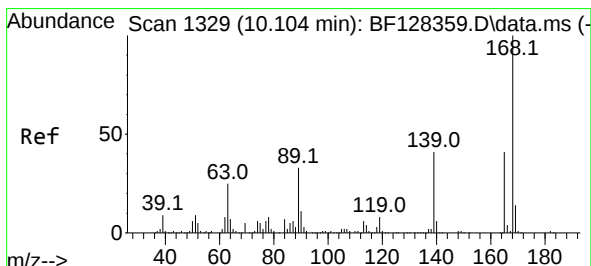
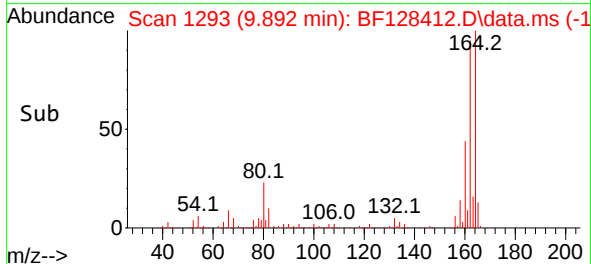
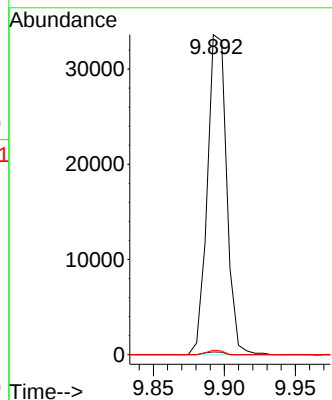
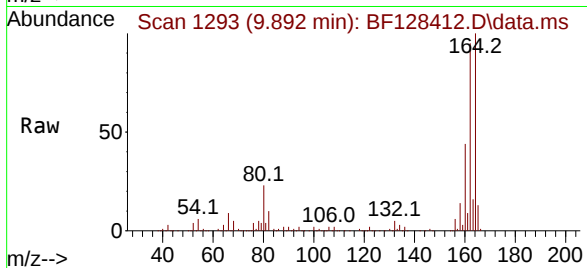
Tgt Ion:165 Resp: 31863

Ion Ratio Lower Upper

165 100

63 0.9 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.234 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF128412.D

Acq: 23 May 2022 21:10

Tgt Ion:165 Resp: 31863

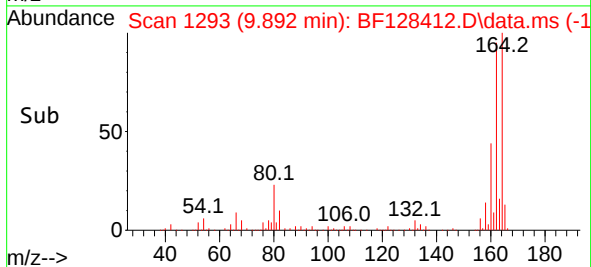
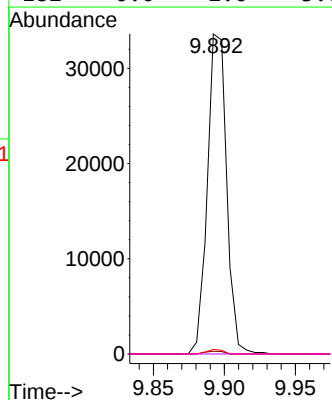
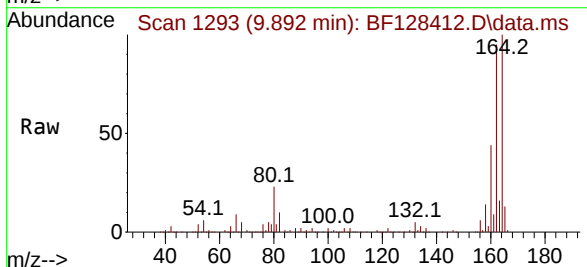
Ion Ratio Lower Upper

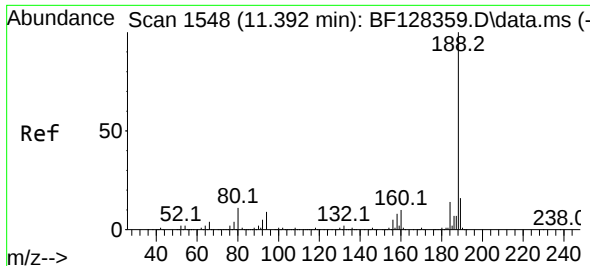
165 100

63 0.9 32.6 49.0#

89 1.4 55.2 82.8#

182 0.0 2.0 3.0#

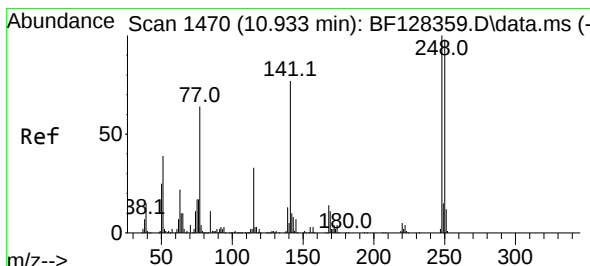
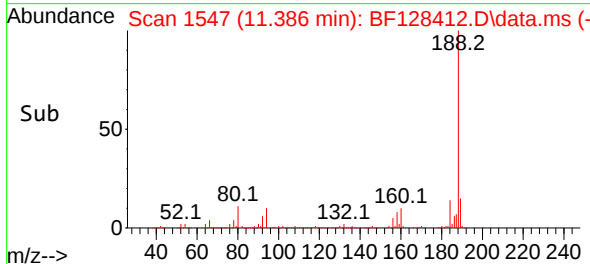
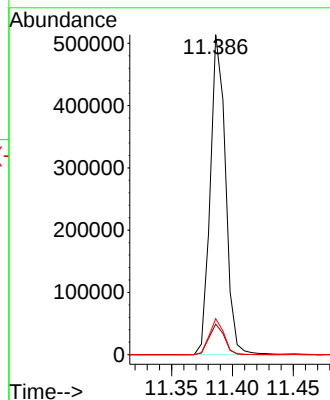
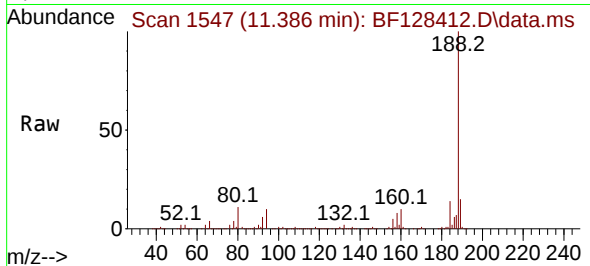




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128412.D
Acq: 23 May 2022 21:10

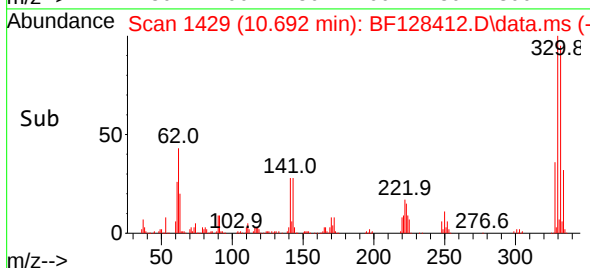
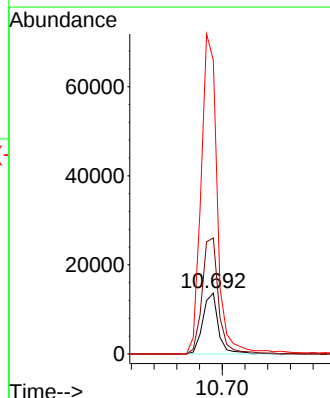
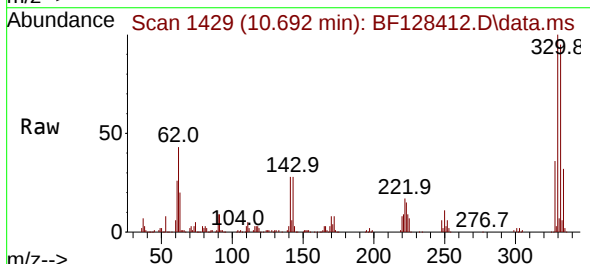
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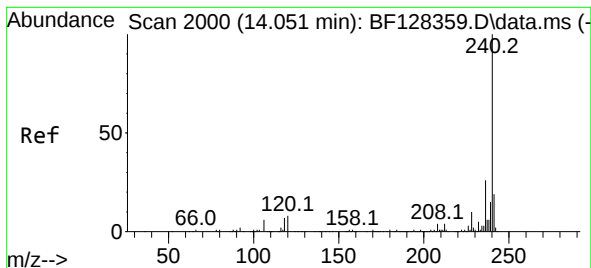
Tgt Ion:188 Resp: 447409
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 11.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.779 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128412.D
Acq: 23 May 2022 21:10

Tgt Ion:248 Resp: 13012
Ion Ratio Lower Upper
248 100
250 190.7 77.7 116.5#
141 483.0 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: BF128412.D

Acq: 23 May 2022 21:10

Instrument :

BNA_F

ClientSampleId :

P031-SS001-0612-01

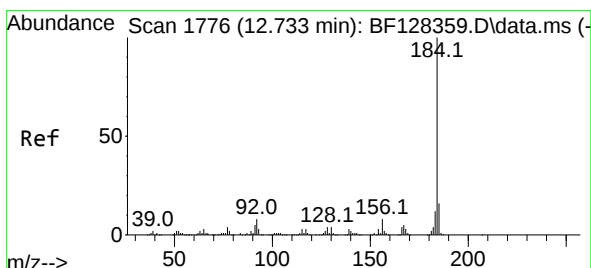
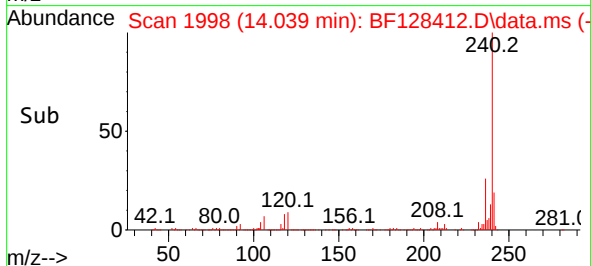
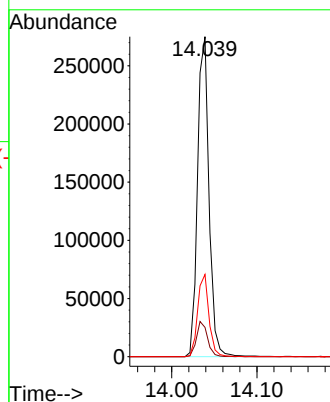
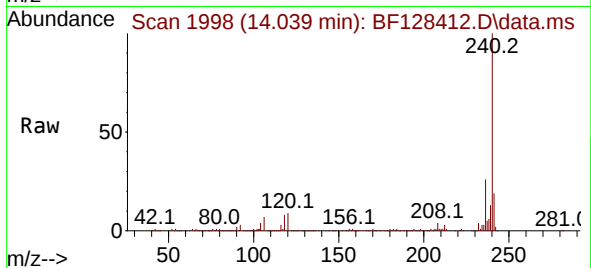
Tgt Ion:240 Resp: 257522

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

236 25.7 20.3 30.5



#77

Benzidine

Concen: 2.375 ng

RT: 12.974 min Scan# 1817

Delta R.T. 0.241 min

Lab File: BF128412.D

Acq: 23 May 2022 21:10

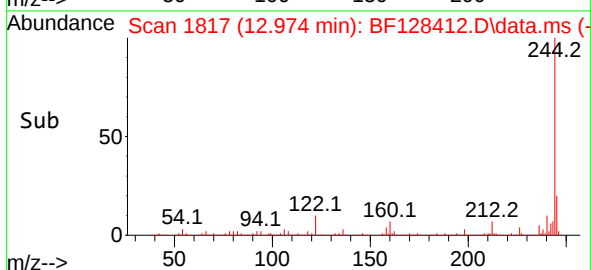
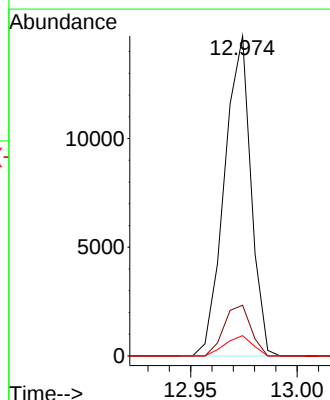
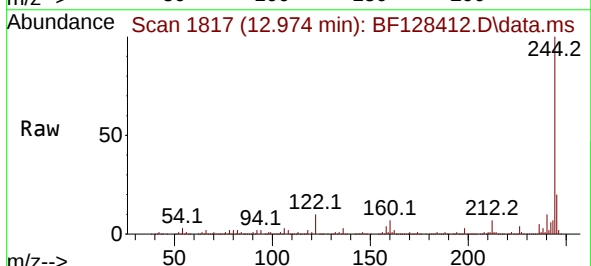
Tgt Ion:184 Resp: 12723

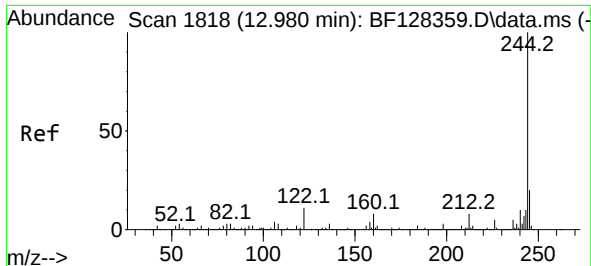
Ion Ratio Lower Upper

184 100

185 15.9 12.1 18.1

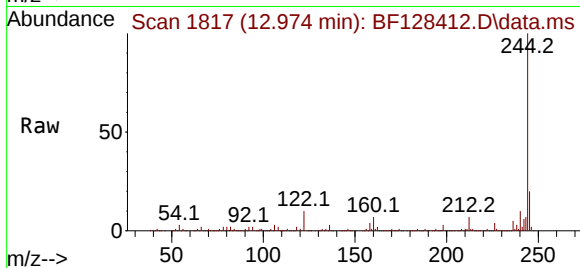
183 6.4 9.0 13.4#



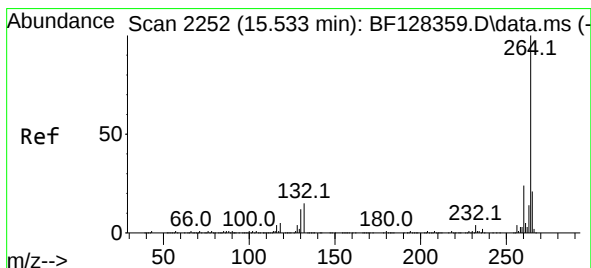
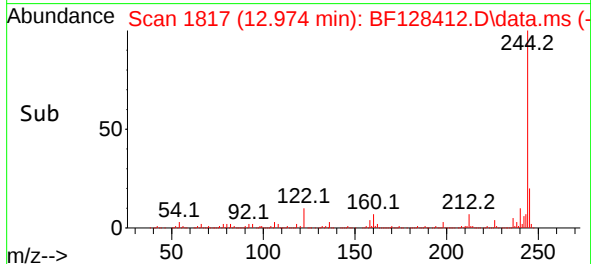
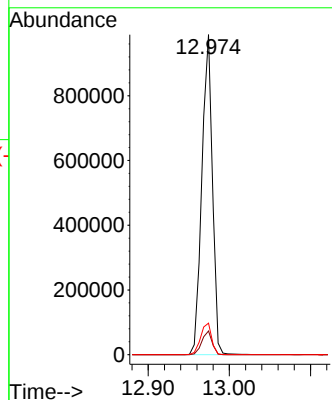


#79
 Terphenyl-d14
 Concen: 67.111 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128412.D
 Acq: 23 May 2022 21:10

Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-0612-01



Tgt Ion:244 Resp: 895271
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128412.D
 Acq: 23 May 2022 21:10

Tgt Ion:264 Resp: 244477
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 21.3 17.5 26.3

