

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128410.D
 Acq On : 23 May 2022 20:10
 Operator : CG\JU
 Sample : N2873-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-1824-01

Quant Time: May 24 01:23:45 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)

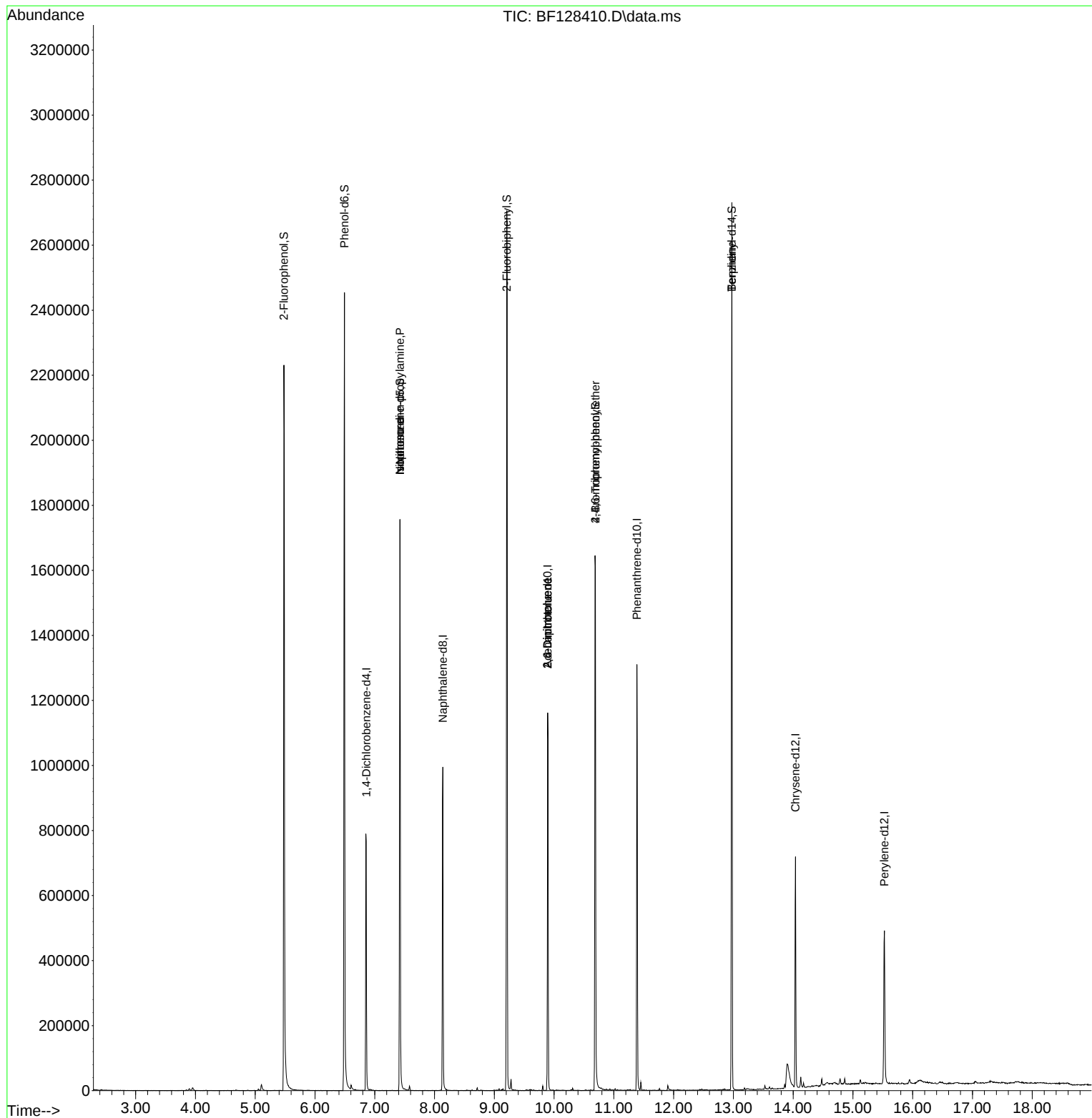
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	121450	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	449259	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	251346	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	482260	20.000	ng	0.00
76) Chrysene-d12	14.039	240	244210	20.000	ng	-0.01
86) Perylene-d12	15.527	264	229261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	646241	84.678	ng	0.00
7) Phenol-d6	6.492	99	823516	81.947	ng	0.00
23) Nitrobenzene-d5	7.422	82	580052	57.849	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	208585	80.469	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	884049	57.519	ng	-0.01
79) Terphenyl-d14	12.974	244	888187	70.209	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1243	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	76444	12.719	ng	# 78
25) Isophorone	7.422	82	580046	37.749	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	32219	9.201	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	32219	7.303	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	12907	2.557	ng	# 1
77) Benzidine	12.974	184	12753	2.511	ng	# 96

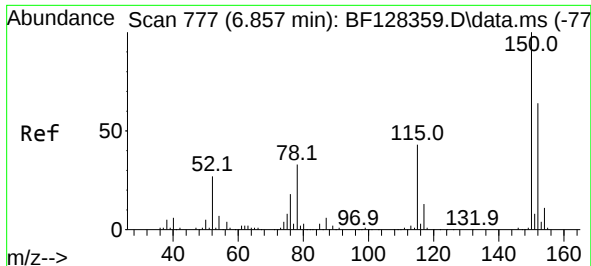
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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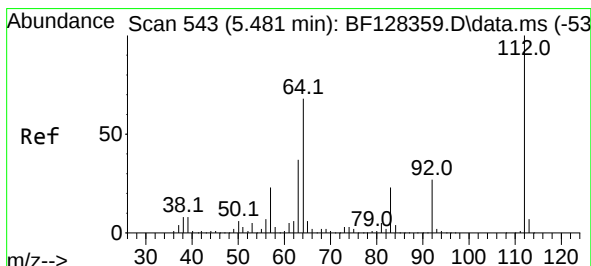
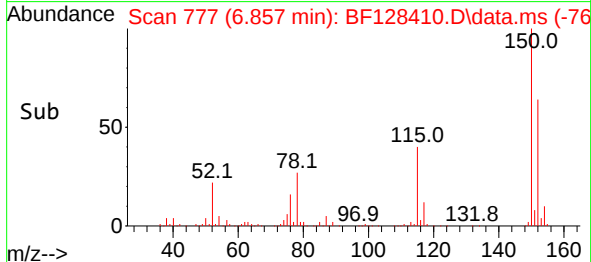
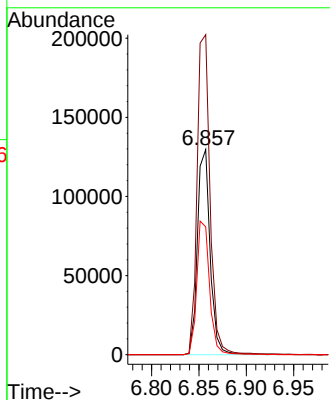
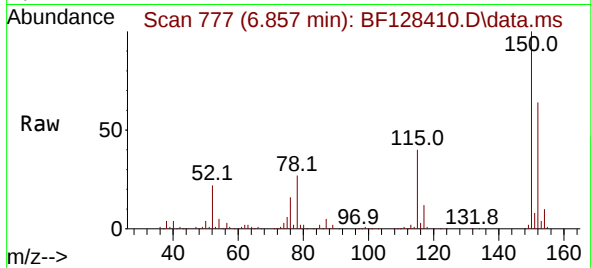




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

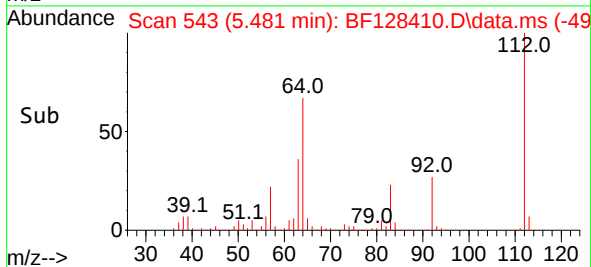
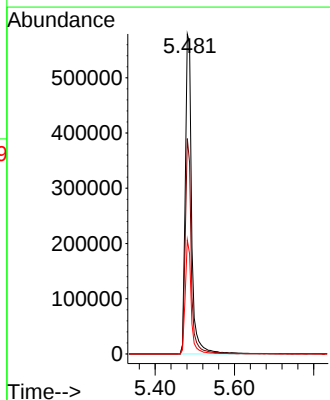
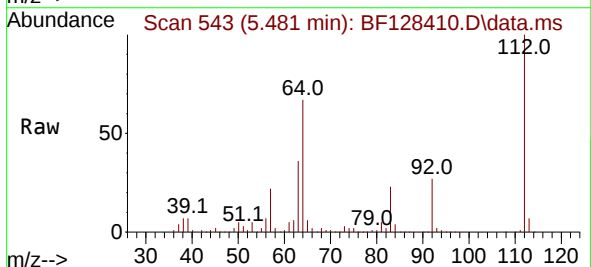
Instrument :
BNA_F
ClientSampleId :
P031-SS001-1824-01

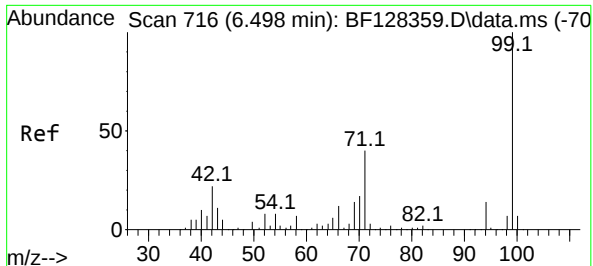
Tgt Ion:152 Resp: 121450
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 62.3 48.8 73.2



#5
2-Fluorophenol
Concen: 84.678 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

Tgt Ion:112 Resp: 646241
Ion Ratio Lower Upper
112 100
64 67.3 49.5 74.3
63 35.6 26.3 39.5

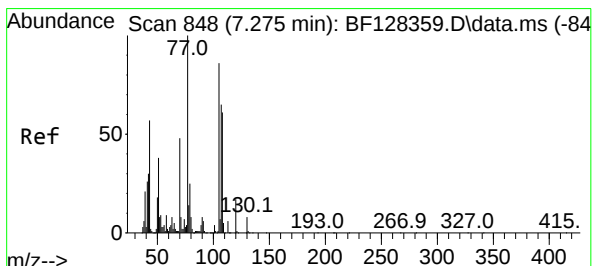
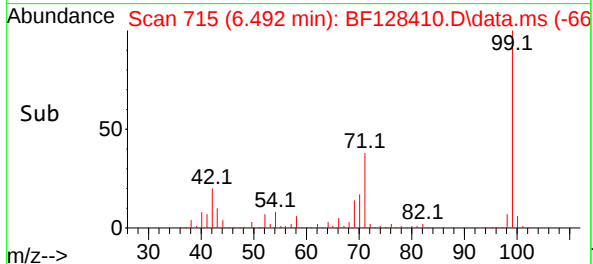
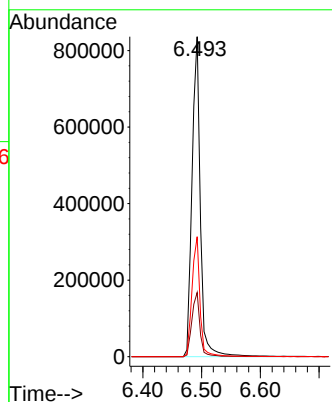
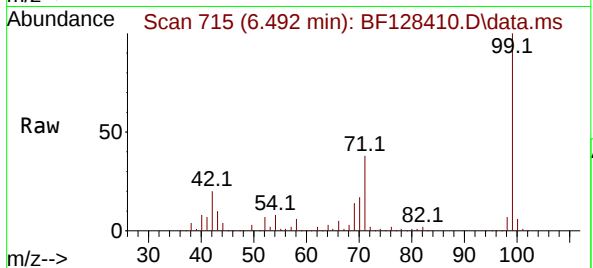




#7
Phenol-d6
Concen: 81.947 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

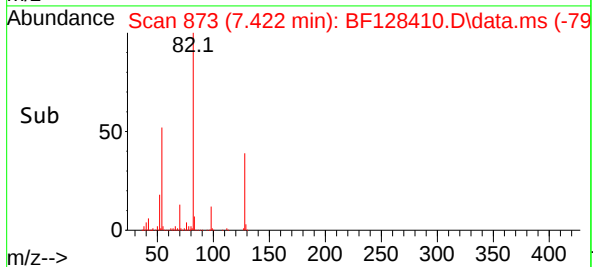
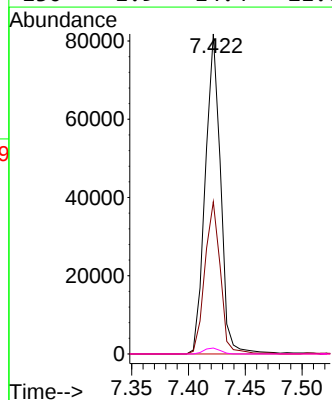
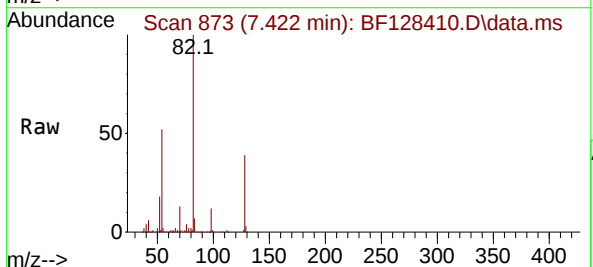
Instrument :
BNA_F
ClientSampleId :
P031-SS001-1824-01

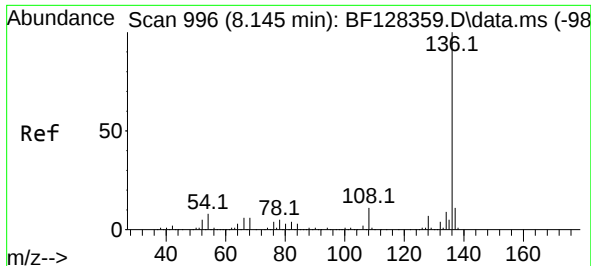
Tgt Ion: 99 Resp: 823516
Ion Ratio Lower Upper
99 100
42 20.0 16.6 24.8
71 37.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.719 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

Tgt Ion: 70 Resp: 76444
Ion Ratio Lower Upper
70 100
42 47.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

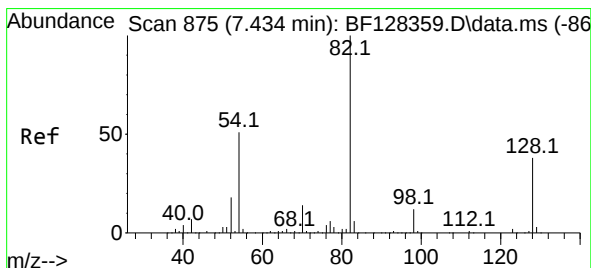
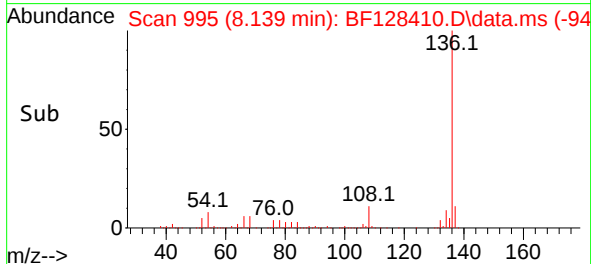
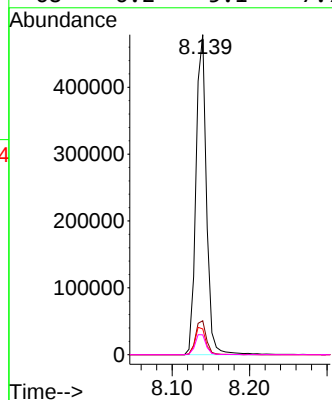
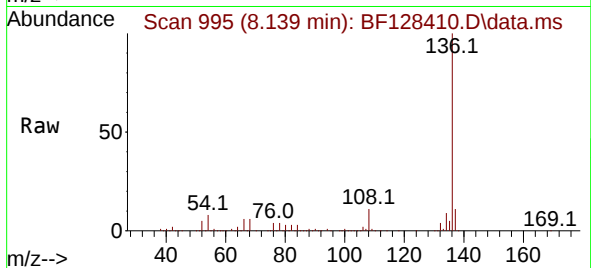




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

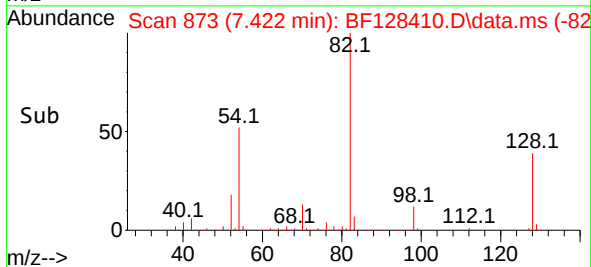
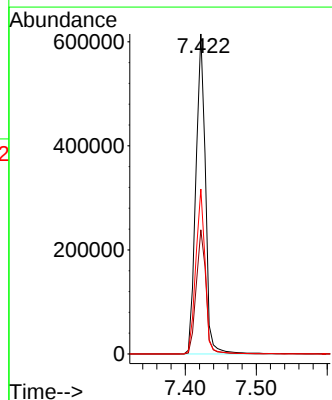
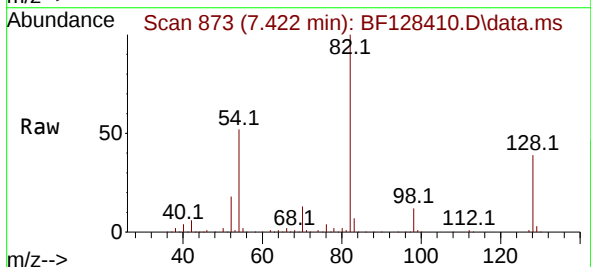
Instrument :
BNA_F
ClientSampleId :
P031-SS001-1824-01

Tgt Ion:136 Resp: 449259
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: 57.849 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

Tgt Ion: 82 Resp: 580052
Ion Ratio Lower Upper
82 100
128 38.8 30.0 45.0
54 51.6 41.3 61.9

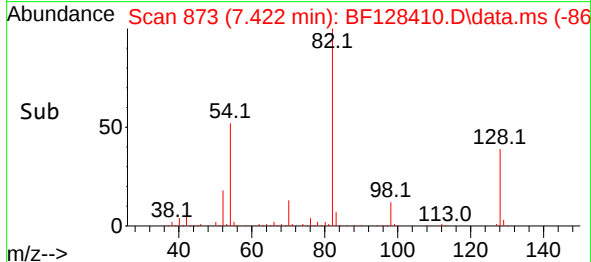
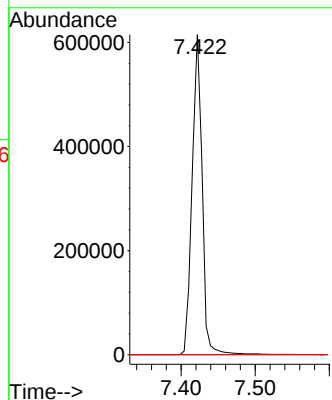
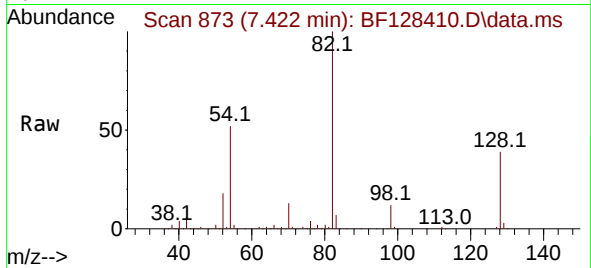




#25
Isophorone
Concen: 37.749 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

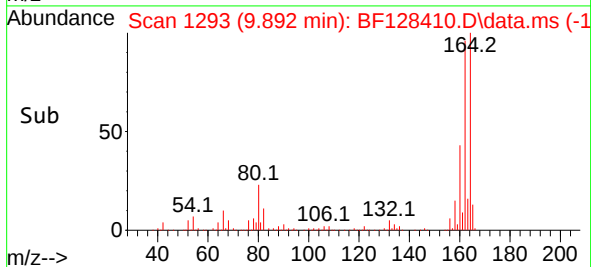
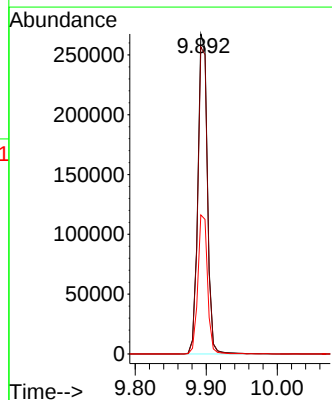
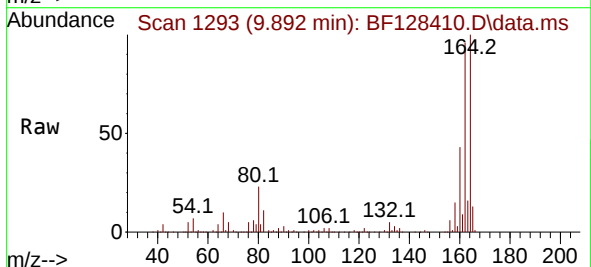
Instrument :
BNA_F
ClientSampleId :
P031-SS001-1824-01

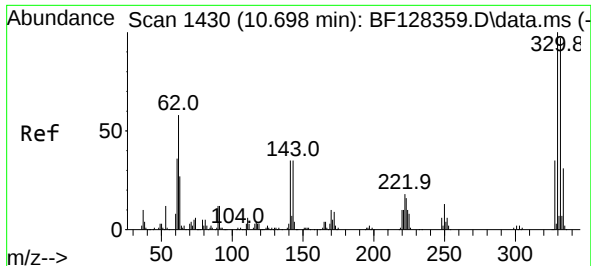
Tgt Ion: 82 Resp: 580046
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

Tgt Ion:164 Resp: 251346
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 80.469 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF128410.D

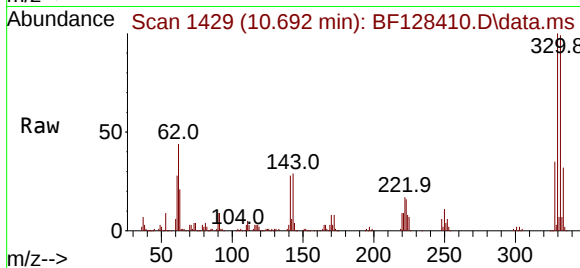
Acq: 23 May 2022 20:10

Instrument :

BNA_F

ClientSampleId :

P031-SS001-1824-01



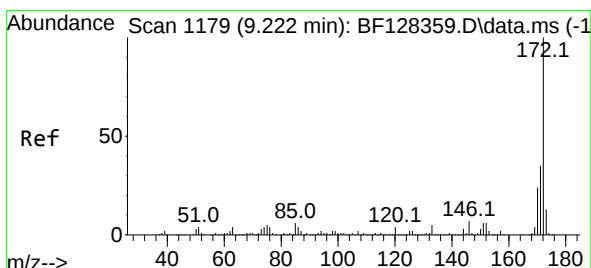
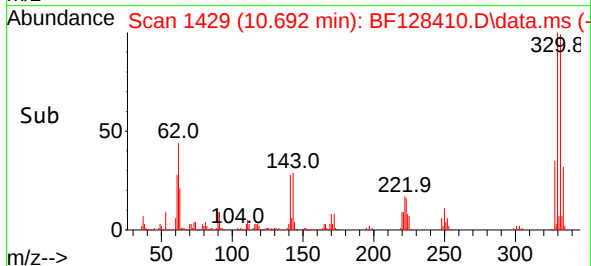
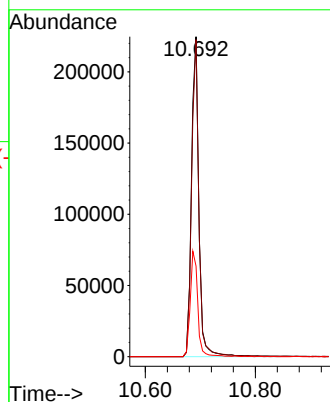
Tgt Ion:330 Resp: 208585

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 57.519 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF128410.D

Acq: 23 May 2022 20:10

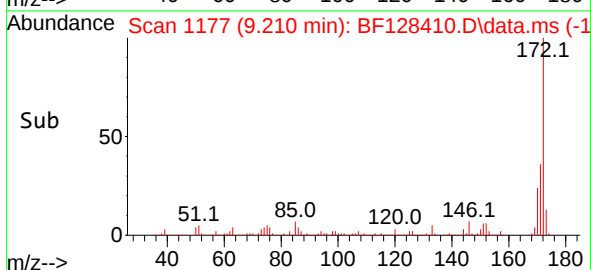
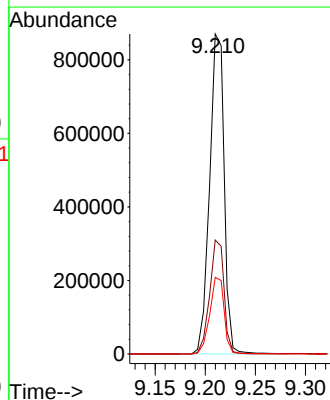
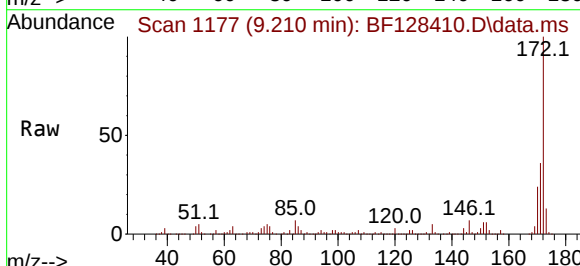
Tgt Ion:172 Resp: 884049

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.9 19.1 28.7

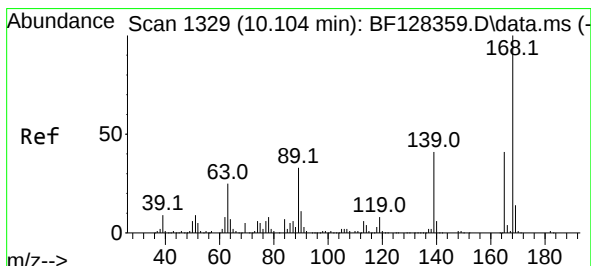
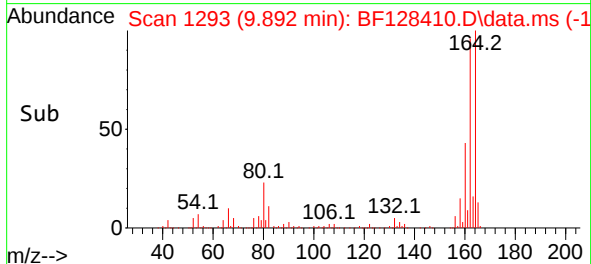
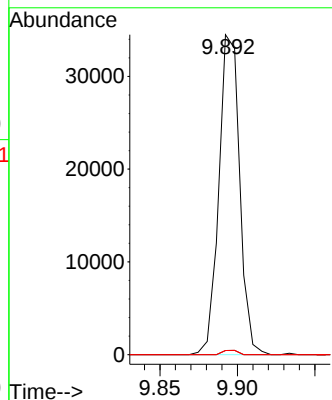
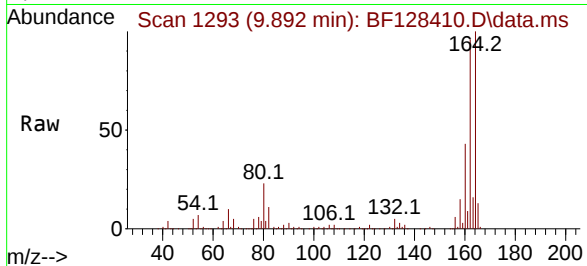




#51
2,6-Dinitrotoluene
Concen: 9.201 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

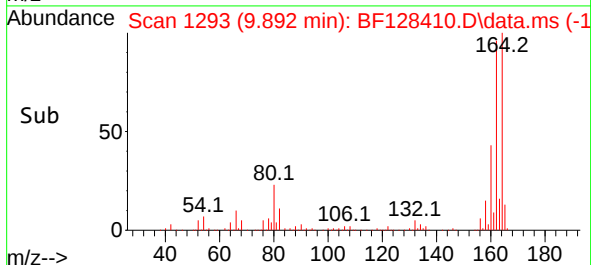
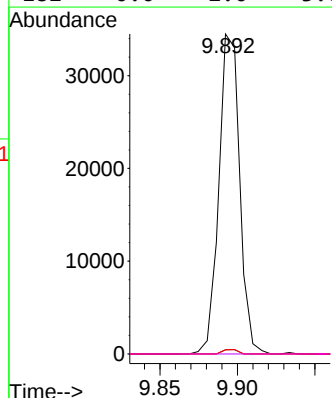
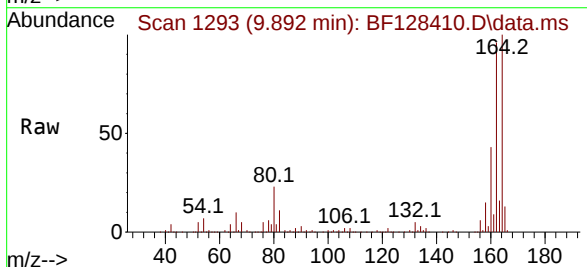
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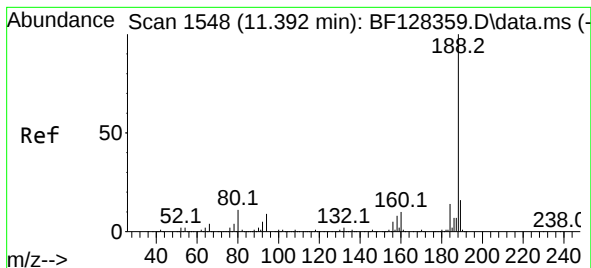
Tgt Ion:165 Resp: 32219
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.303 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.212 min
Lab File: BF128410.D
Acq: 23 May 2022 20:10

Tgt Ion:165 Resp: 32219
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.3 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: BF128410.D

Acq: 23 May 2022 20:10

Instrument :

BNA_F

ClientSampleId :

P031-SS001-1824-01

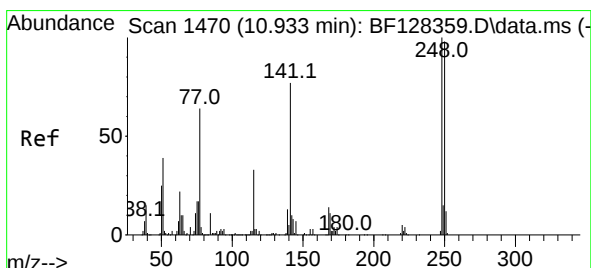
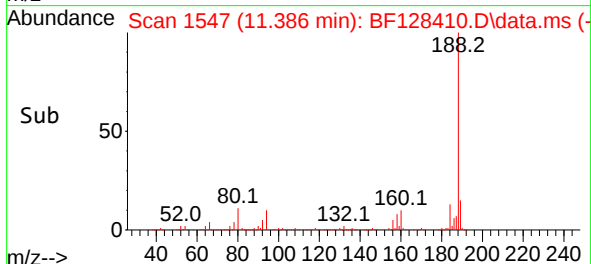
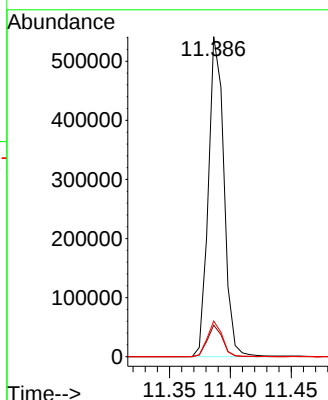
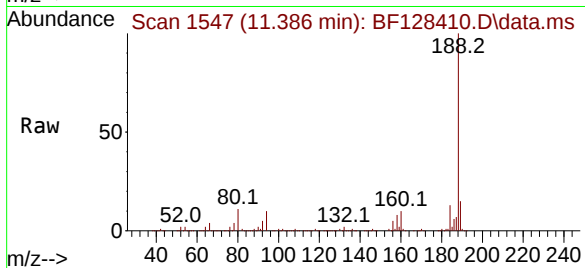
Tgt Ion:188 Resp: 482260

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

80 11.1 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.557 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128410.D

Acq: 23 May 2022 20:10

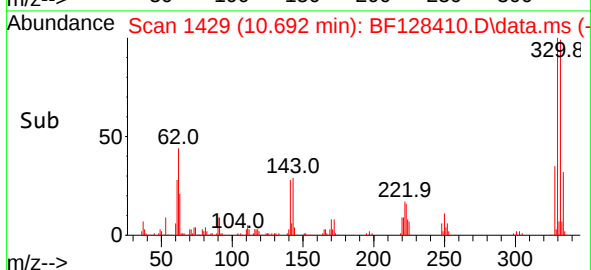
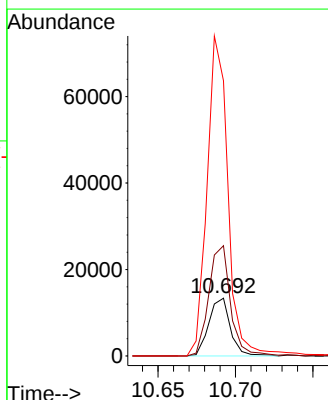
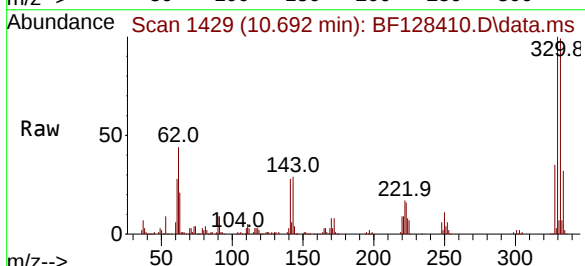
Tgt Ion:248 Resp: 12907

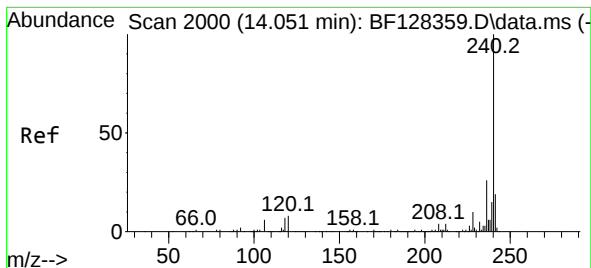
Ion Ratio Lower Upper

248 100

250 190.9 77.7 116.5#

141 476.8 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: BF128410.D

Acq: 23 May 2022 20:10

Instrument :

BNA_F

ClientSampleId :

P031-SS001-1824-01

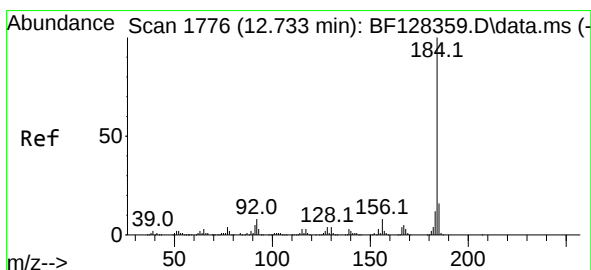
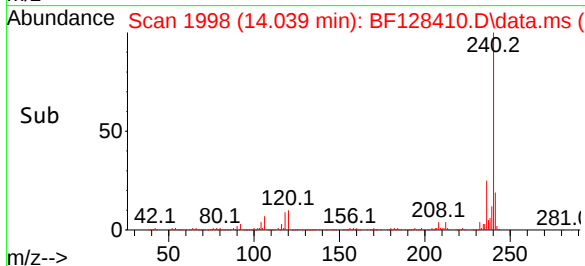
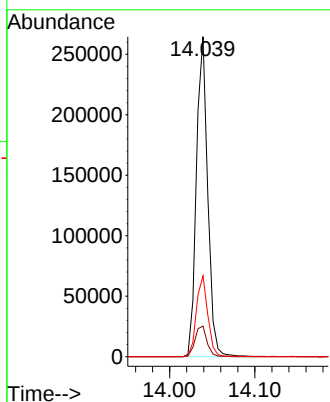
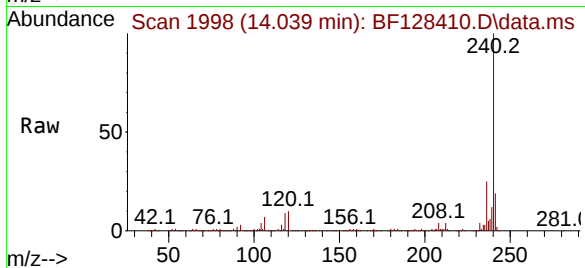
Tgt Ion:240 Resp: 244210

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

236 25.2 20.3 30.5



#77

Benzidine

Concen: 2.511 ng

RT: 12.974 min Scan# 1817

Delta R.T. 0.241 min

Lab File: BF128410.D

Acq: 23 May 2022 20:10

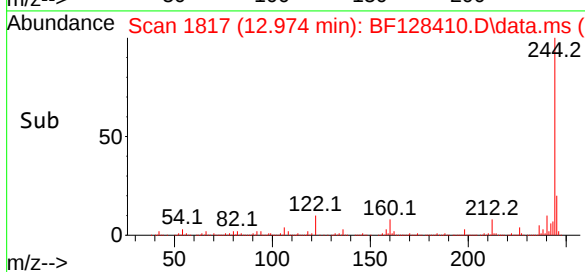
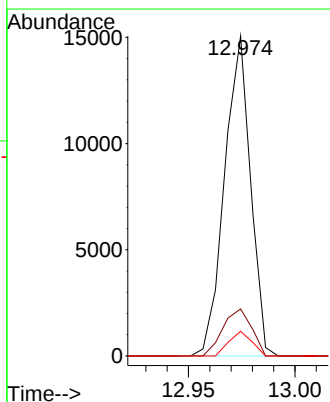
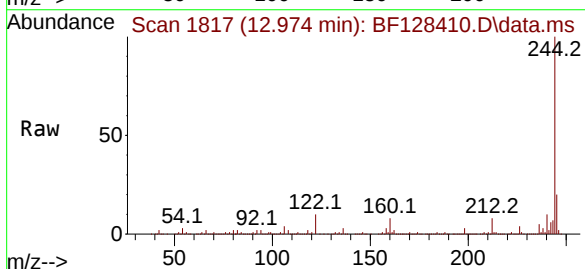
Tgt Ion:184 Resp: 12753

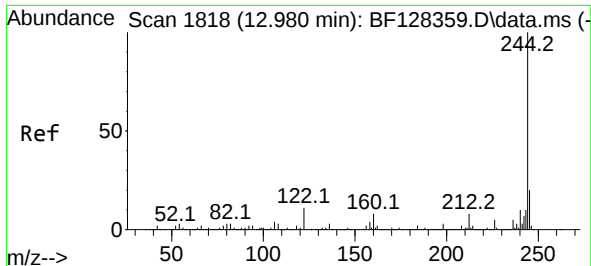
Ion Ratio Lower Upper

184 100

185 14.7 12.1 18.1

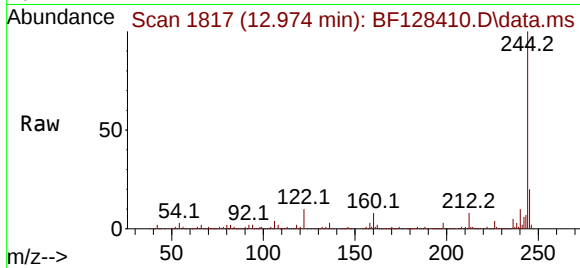
183 7.7 9.0 13.4#





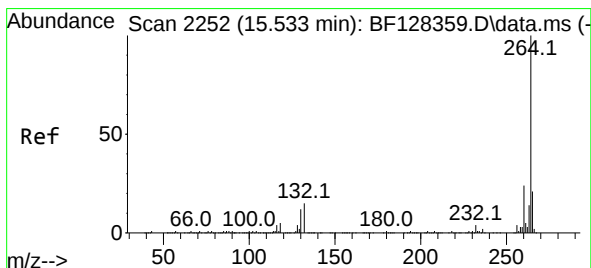
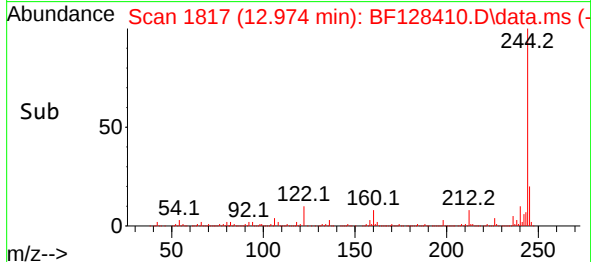
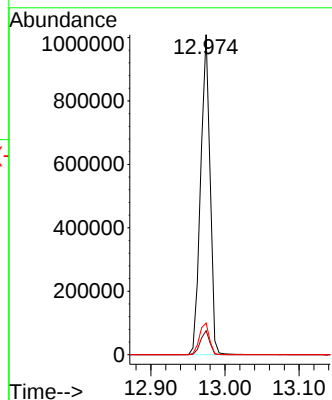
#79
 Terphenyl-d14
 Concen: 70.209 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128410.D
 Acq: 23 May 2022 20:10

Instrument :
 BNA_F
 ClientSampleId :
 P031-SS001-1824-01



Tgt Ion:244 Resp: 888187

Ion	Ratio	Lower	Upper
244	100		
212	7.5	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: BF128410.D
 Acq: 23 May 2022 20:10

Tgt Ion:264 Resp: 229261

Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.1	30.1
265	21.5	17.5	26.3

