

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128407.D
 Acq On : 23 May 2022 18:40
 Operator : CG\JU
 Sample : N2873-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P029-SS001-1218-01

Quant Time: May 24 01:23:23 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)

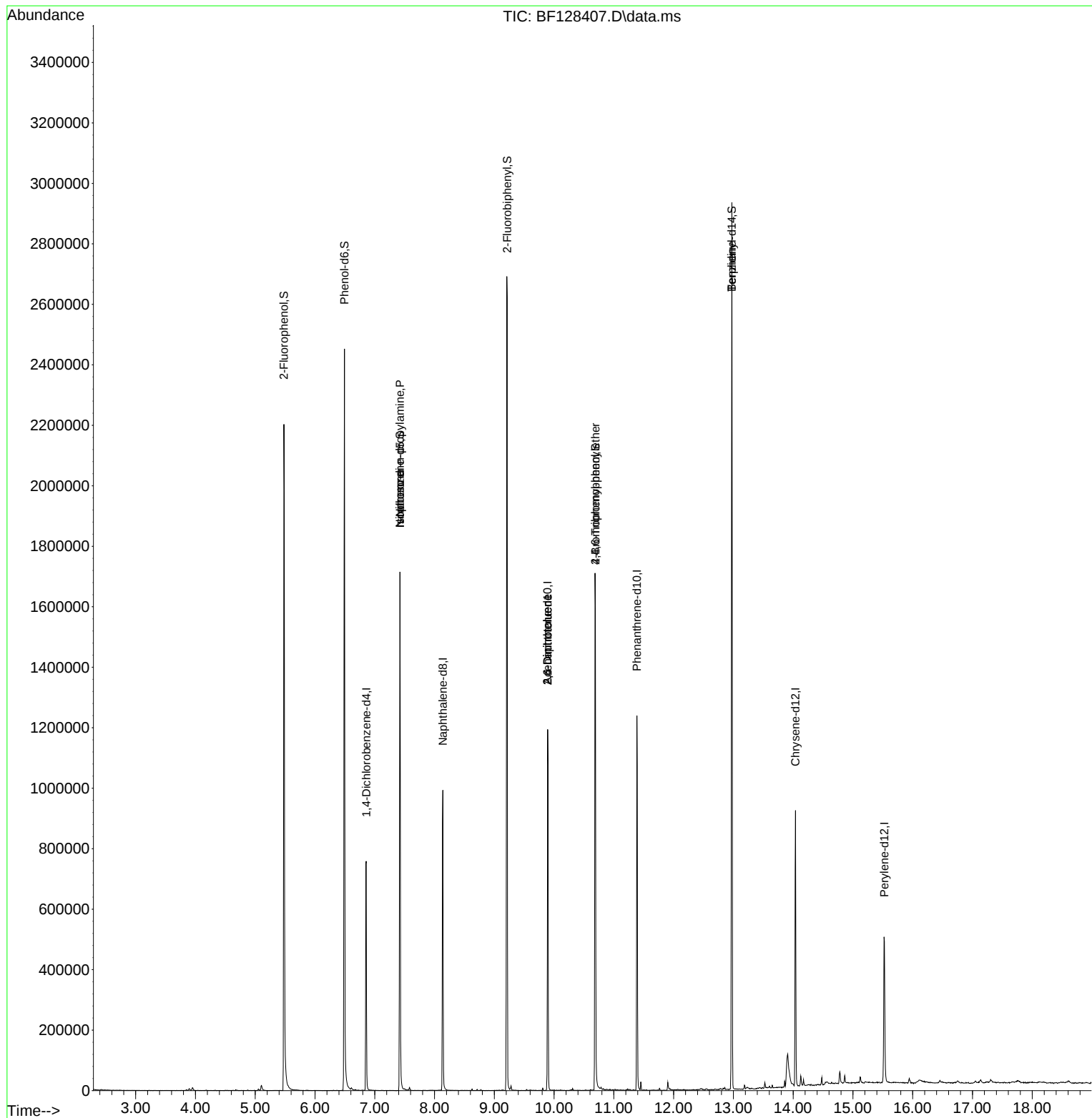
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	118982	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	452295	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	256501	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	466159	20.000	ng	0.00
76) Chrysene-d12	14.039	240	313873	20.000	ng	-0.01
86) Perylene-d12	15.527	264	238228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	624770	83.562	ng	0.00
7) Phenol-d6	6.492	99	805440	81.810	ng	0.00
23) Nitrobenzene-d5	7.422	82	568450	56.312	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	213437	80.686	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	887474	56.581	ng	0.00
79) Terphenyl-d14	12.974	244	985051	60.584	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1446	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	74963	12.731	ng	# 80
25) Isophorone	7.422	82	568445	36.745	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	32415	9.071	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	32415	7.200	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	12898	2.644	ng	# 1
77) Benizidine	12.974	184	13977	2.141	ng	# 94

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

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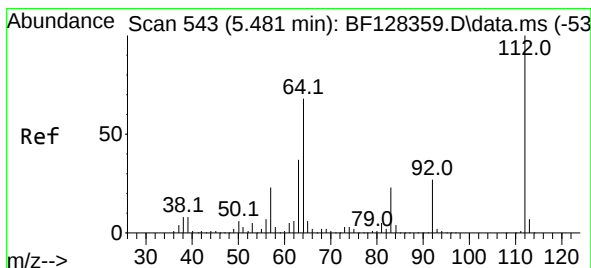
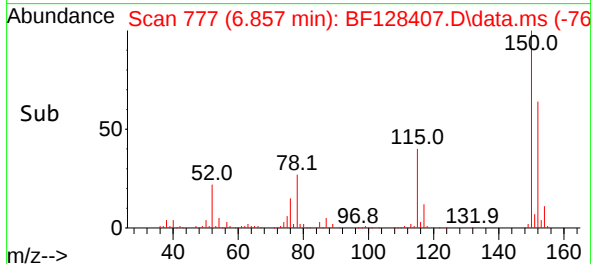
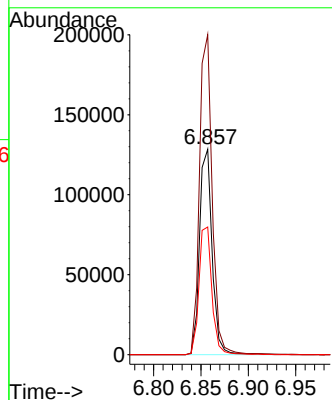
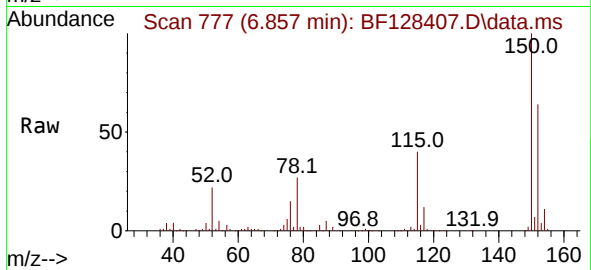




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

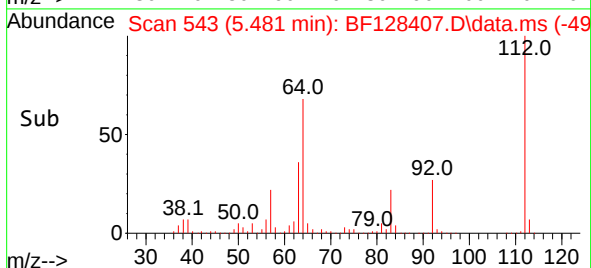
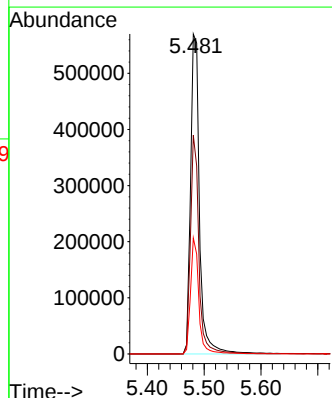
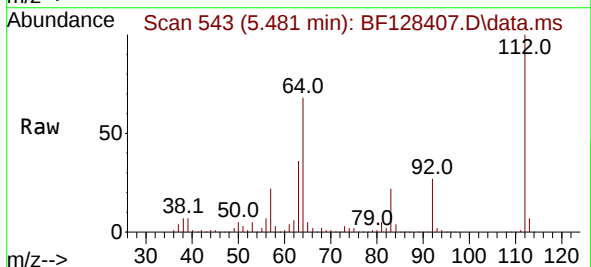
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1218-01

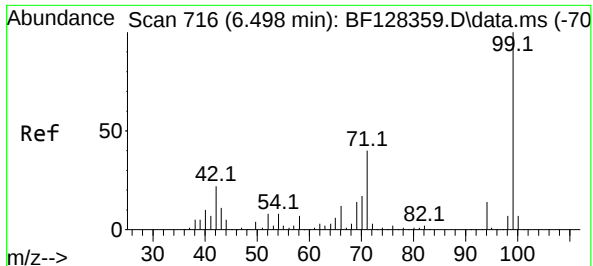
Tgt Ion:152 Resp: 118982
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 62.2 48.8 73.2



#5
2-Fluorophenol
Concen: 83.562 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

Tgt Ion:112 Resp: 624770
Ion Ratio Lower Upper
112 100
64 68.4 49.5 74.3
63 36.3 26.3 39.5

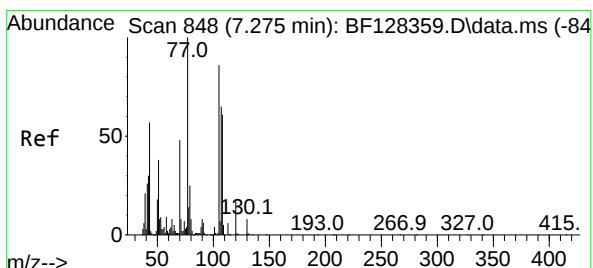
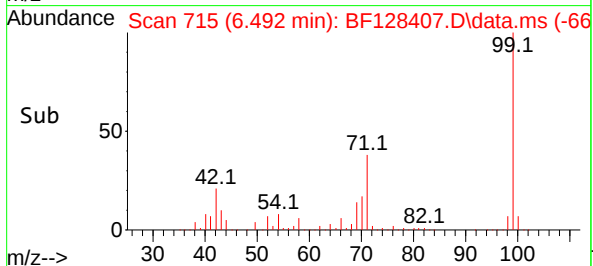
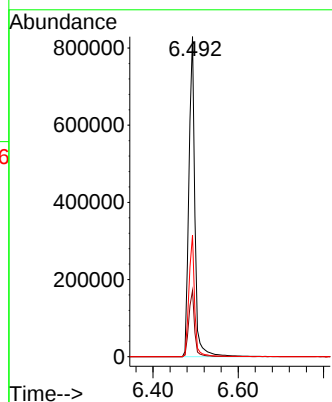
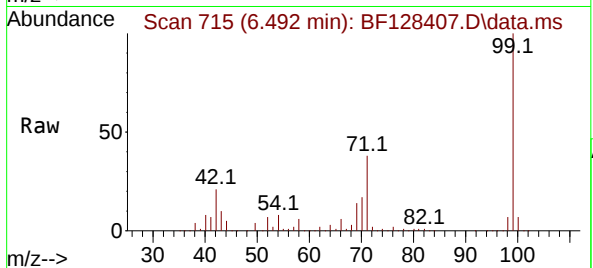




#7
Phenol-d6
Concen: 81.810 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

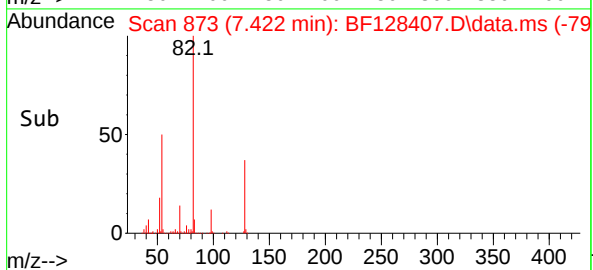
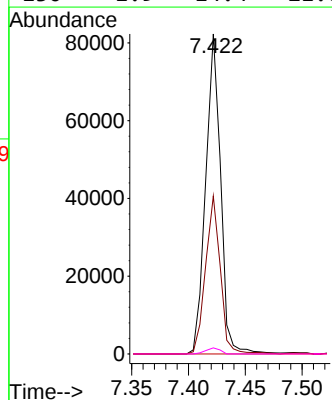
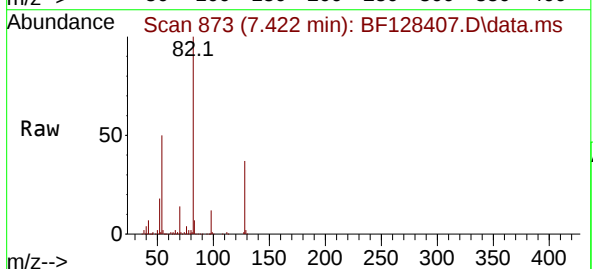
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1218-01

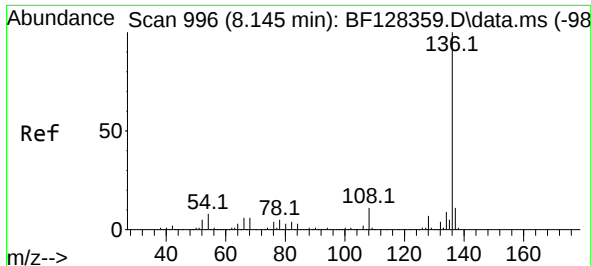
Tgt Ion: 99 Resp: 805440
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.731 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

Tgt Ion: 70 Resp: 74963
Ion Ratio Lower Upper
70 100
42 49.4 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

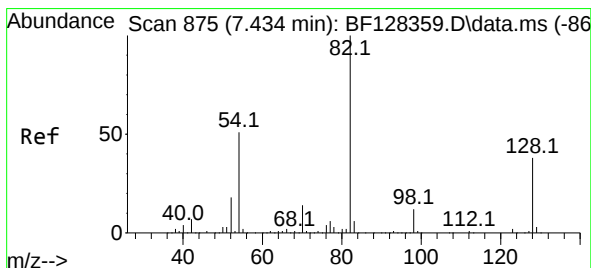
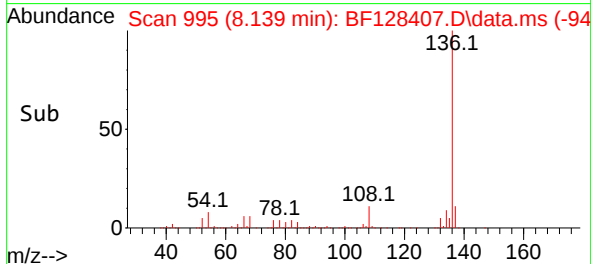
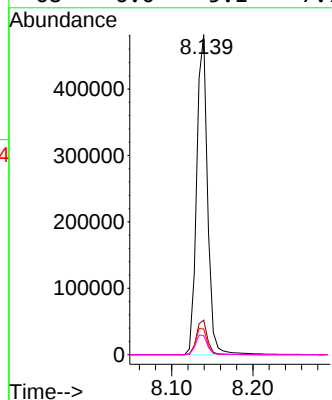
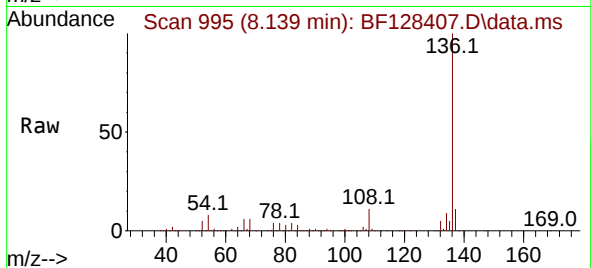




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

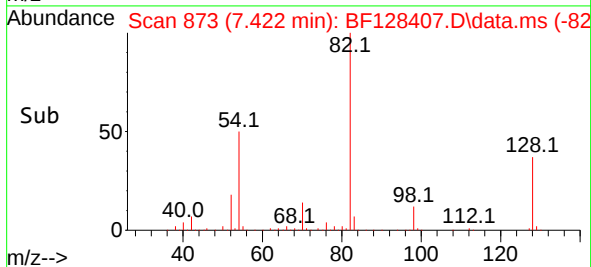
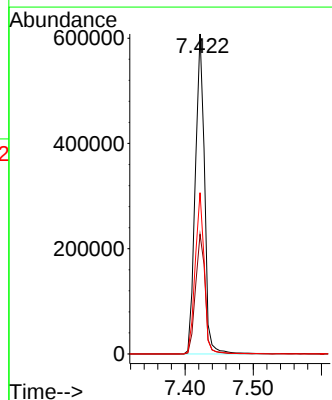
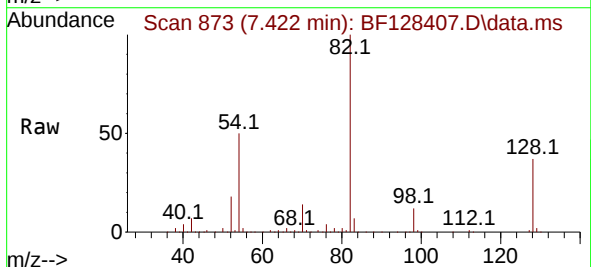
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1218-01

Tgt Ion:136	Resp: 452295
Ion Ratio	Lower Upper
136	100
137	10.8 8.6 13.0
54	8.1 6.8 10.2
68	6.0 5.1 7.7



#23
Nitrobenzene-d5
Concen: 56.312 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

Tgt Ion: 82	Resp: 568450
Ion Ratio	Lower Upper
82	100
128	37.4 30.0 45.0
54	50.4 41.3 61.9

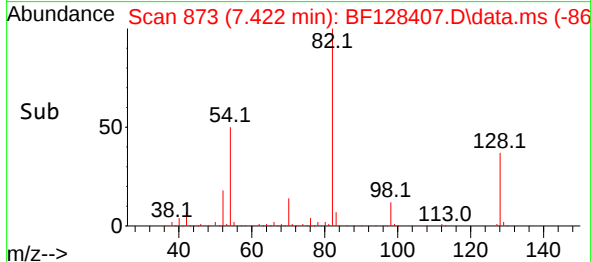
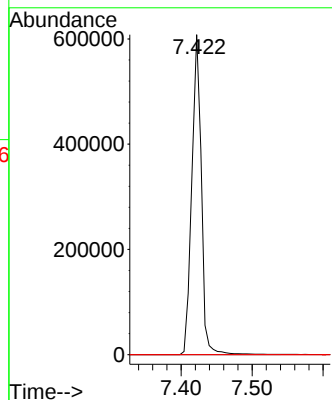
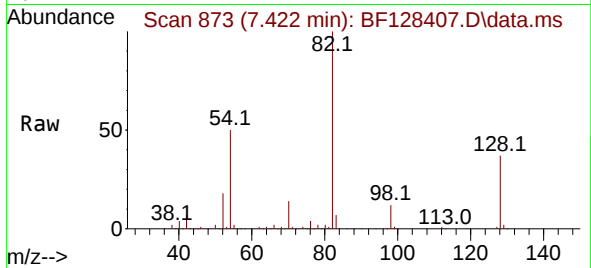




#25
Isophorone
Concen: 36.745 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

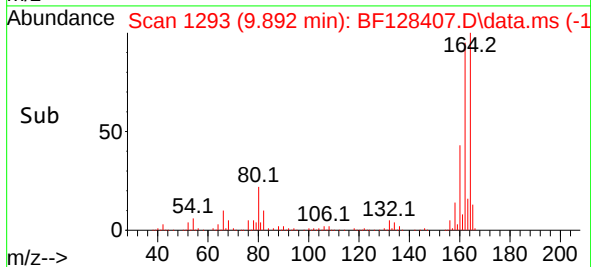
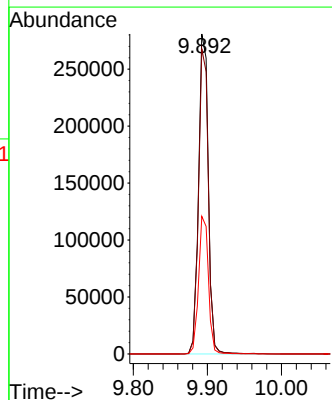
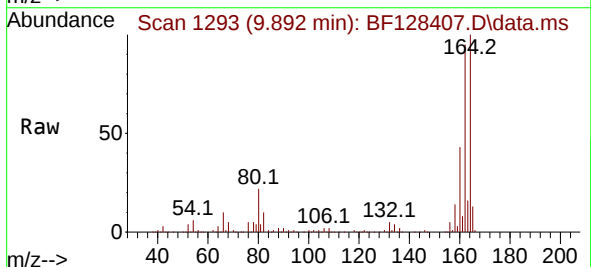
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1218-01

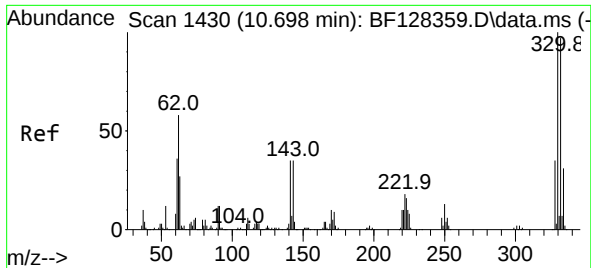
Tgt Ion: 82 Resp: 568445
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

Tgt Ion:164 Resp: 256501
Ion Ratio Lower Upper
164 100
162 95.4 76.0 114.0
160 43.0 34.8 52.2

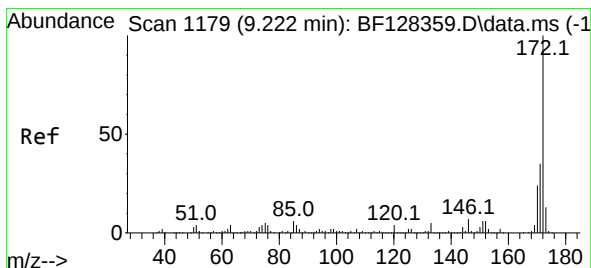
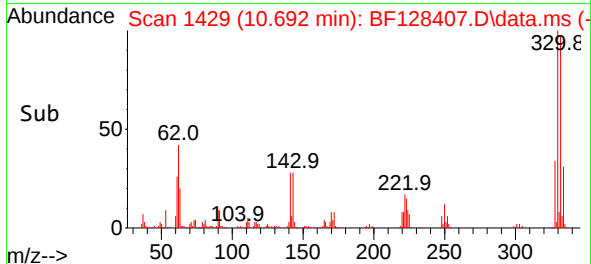
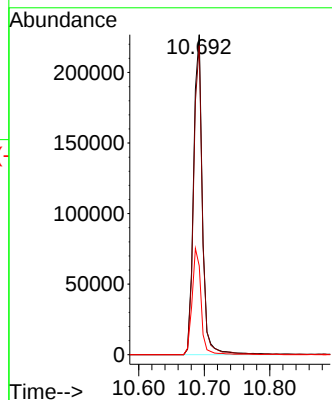
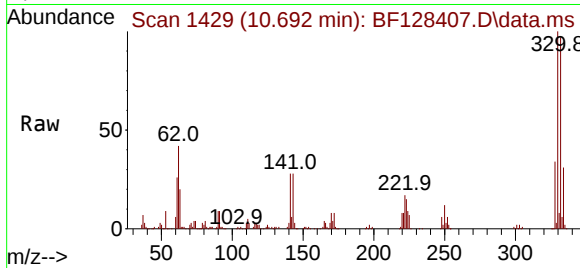




#42
2,4,6-Tribromophenol
Concen: 80.686 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

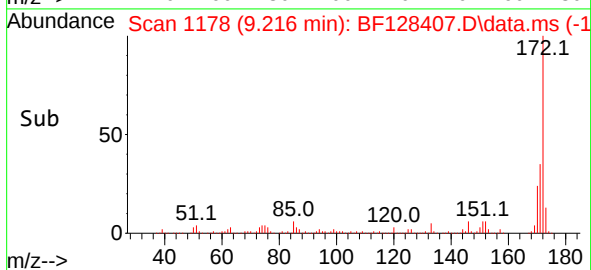
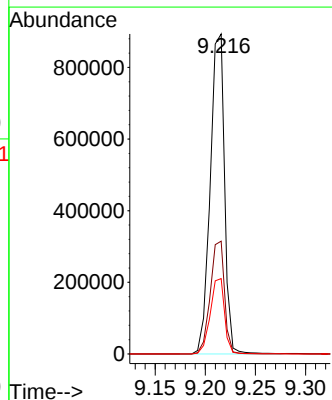
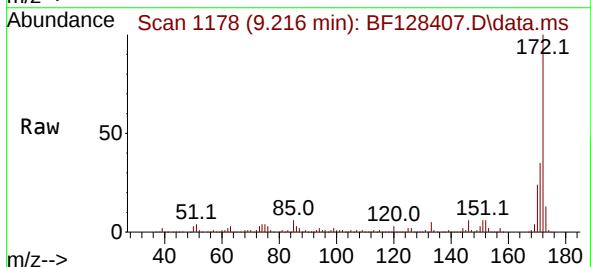
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1218-01

Tgt Ion: 330 Resp: 213437
Ion Ratio Lower Upper
330 100
332 95.6 79.0 118.4
141 33.6 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 56.581 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

Tgt Ion: 172 Resp: 887474
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: 9.071 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF128407.D

Acq: 23 May 2022 18:40

Instrument :

BNA_F

ClientSampleId :

P029-SS001-1218-01

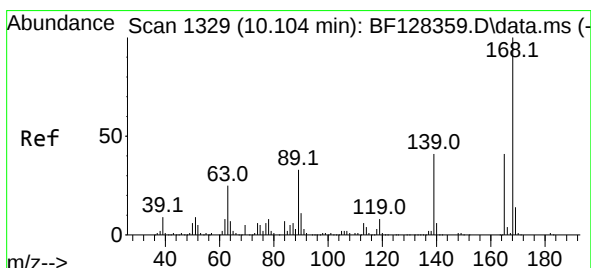
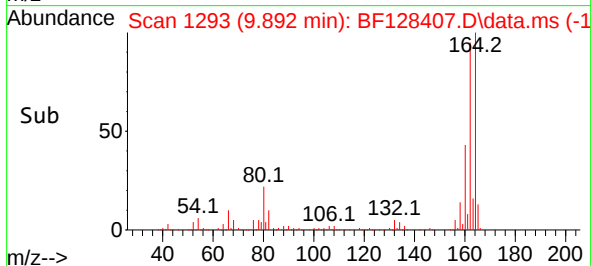
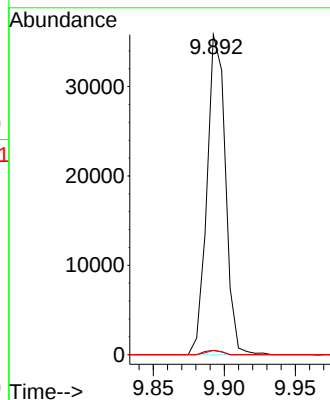
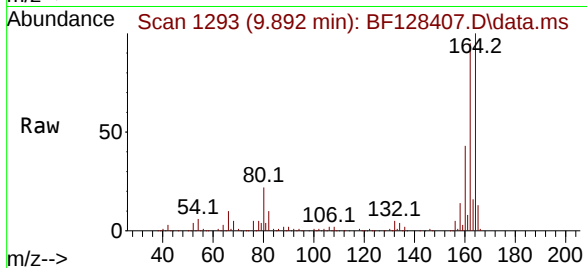
Tgt Ion:165 Resp: 32415

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: 7.200 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF128407.D

Acq: 23 May 2022 18:40

Tgt Ion:165 Resp: 32415

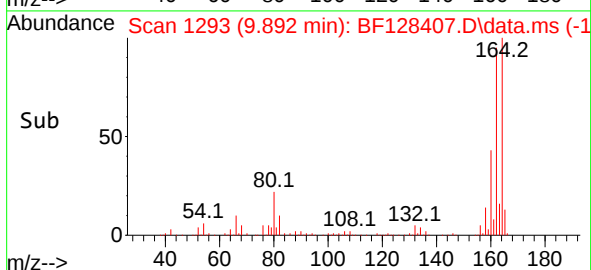
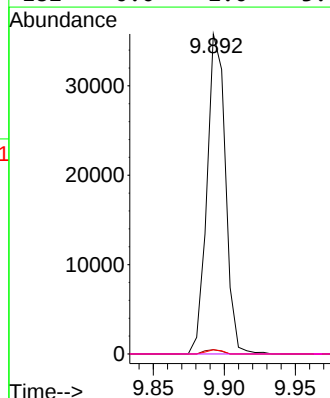
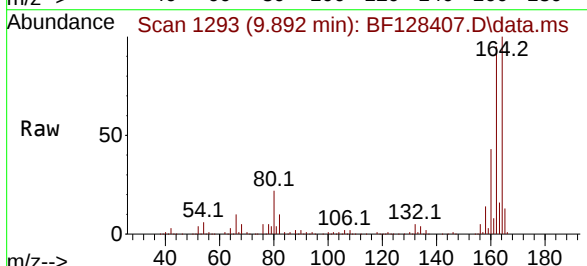
Ion Ratio Lower Upper

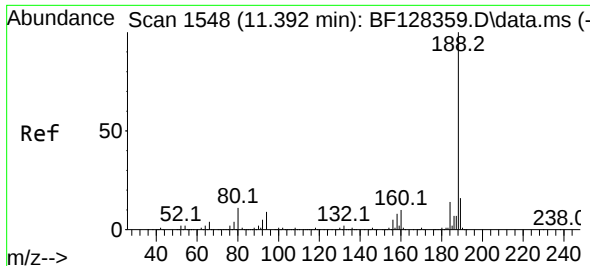
165 100

63 1.3 32.6 49.0#

89 1.3 55.2 82.8#

182 0.0 2.0 3.0#

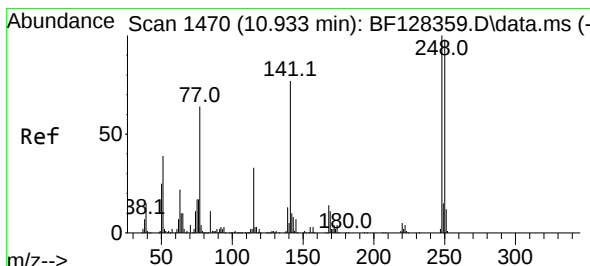
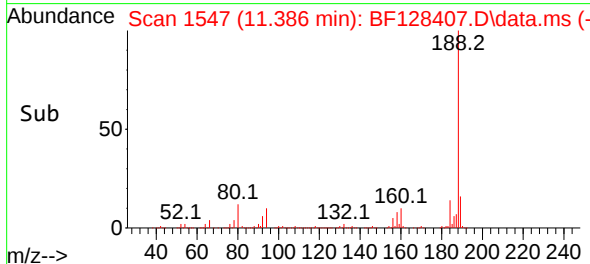
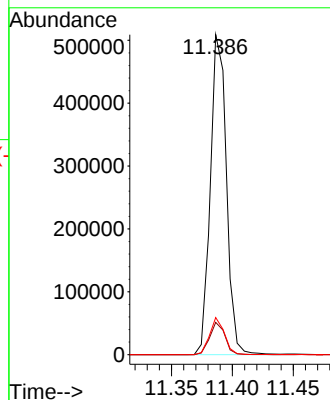
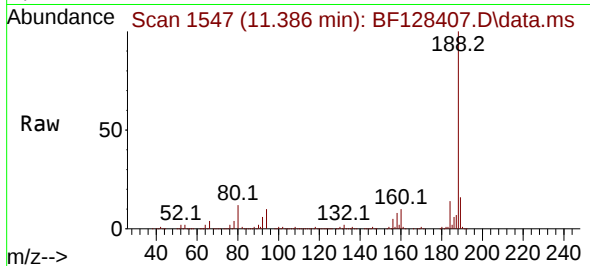




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

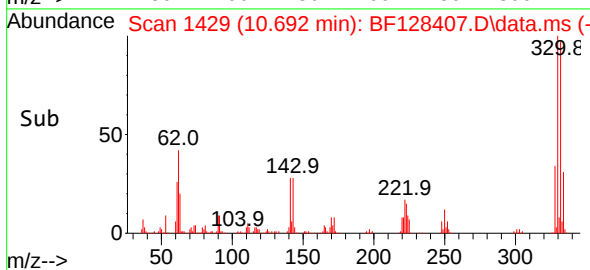
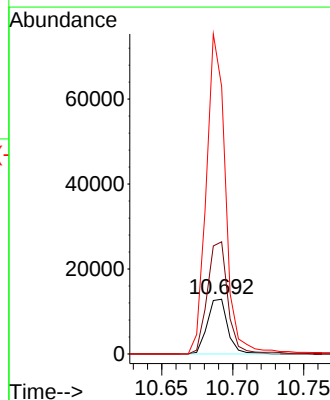
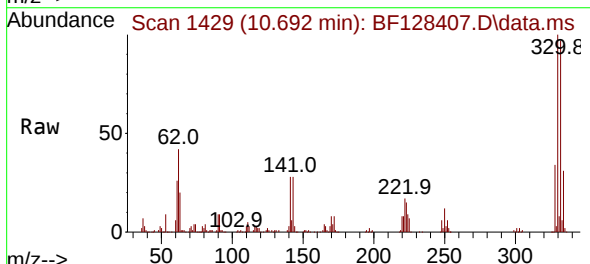
Instrument :
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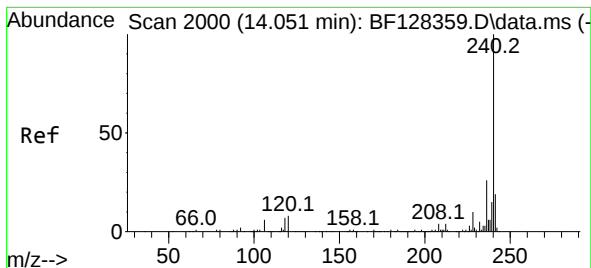
Tgt Ion:188 Resp: 466159
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 11.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.644 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128407.D
Acq: 23 May 2022 18:40

Tgt Ion:248 Resp: 12898
Ion Ratio Lower Upper
248 100
250 205.0 77.7 116.5#
141 489.2 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: BF128407.D

Acq: 23 May 2022 18:40

Instrument :

BNA_F

ClientSampleId :

P029-SS001-1218-01

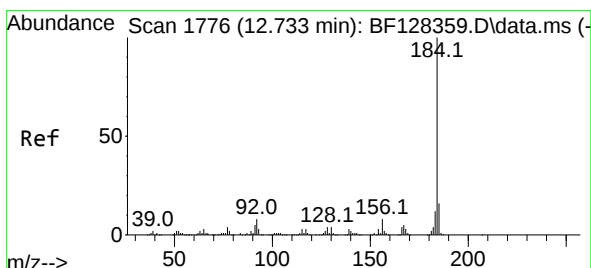
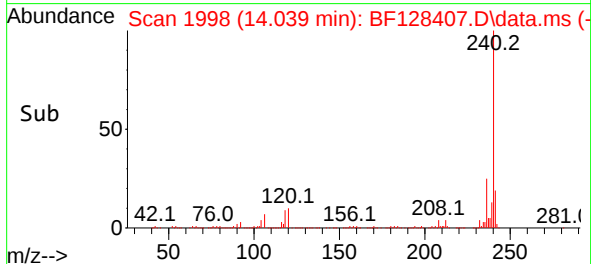
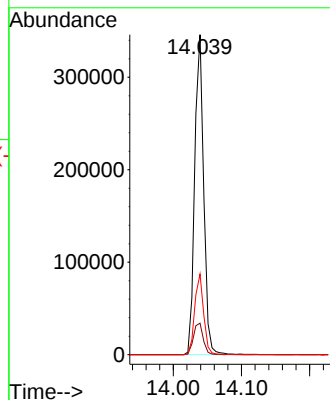
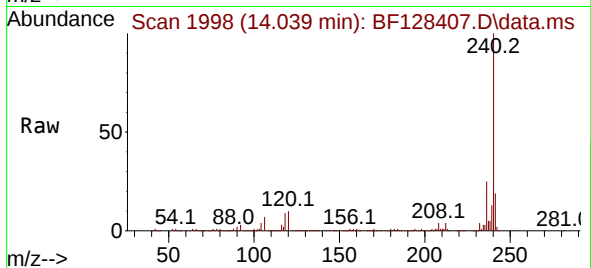
Tgt Ion:240 Resp: 313873

Ion Ratio Lower Upper

240 100

120 9.9 7.0 10.6

236 25.2 20.3 30.5



#77

Benzidine

Concen: 2.141 ng

RT: 12.974 min Scan# 1817

Delta R.T. 0.241 min

Lab File: BF128407.D

Acq: 23 May 2022 18:40

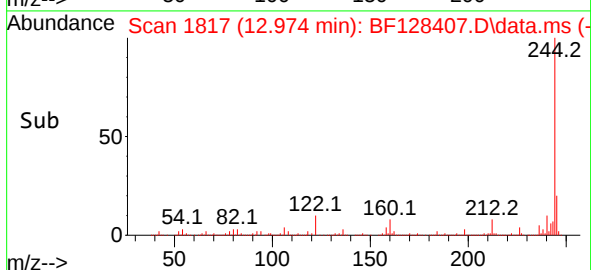
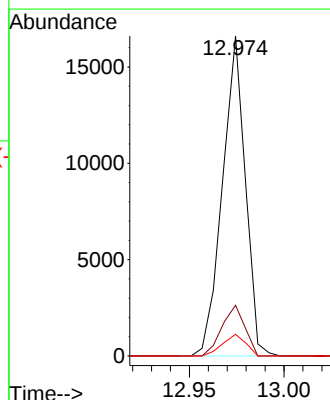
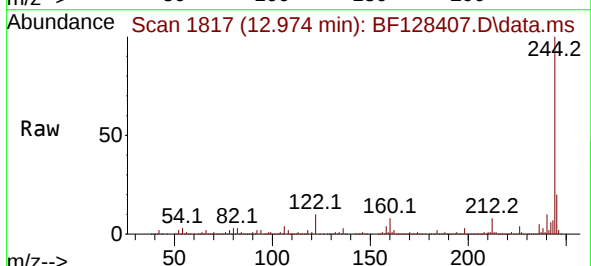
Tgt Ion:184 Resp: 13977

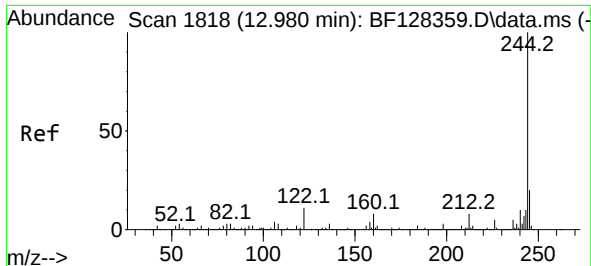
Ion Ratio Lower Upper

184 100

185 15.9 12.1 18.1

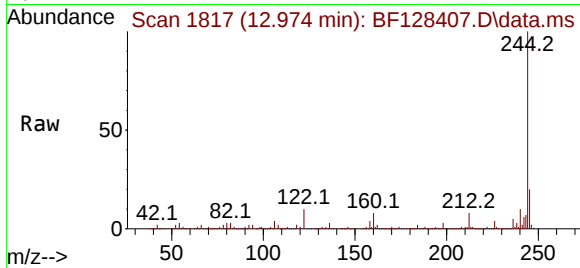
183 6.8 9.0 13.4#



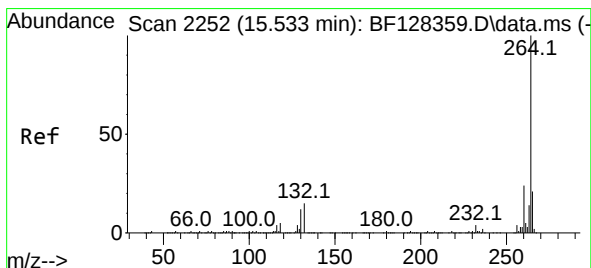
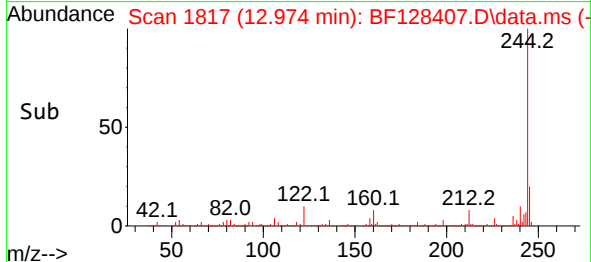
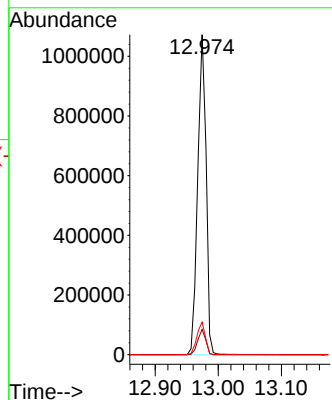


#79
 Terphenyl-d14
 Concen: 60.584 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF128407.D
 Acq: 23 May 2022 18:40

Instrument :
 BNA_F
 ClientSampleId :
 P029-SS001-1218-01



Tgt Ion:244 Resp: 985051
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.2 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: BF128407.D
 Acq: 23 May 2022 18:40

Tgt Ion:264 Resp: 238228
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 21.0 17.5 26.3

