

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128376.D
 Acq On : 20 May 2022 21:07
 Operator : CG\JU
 Sample : N2943-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Quant Time: May 23 02:39:53 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)

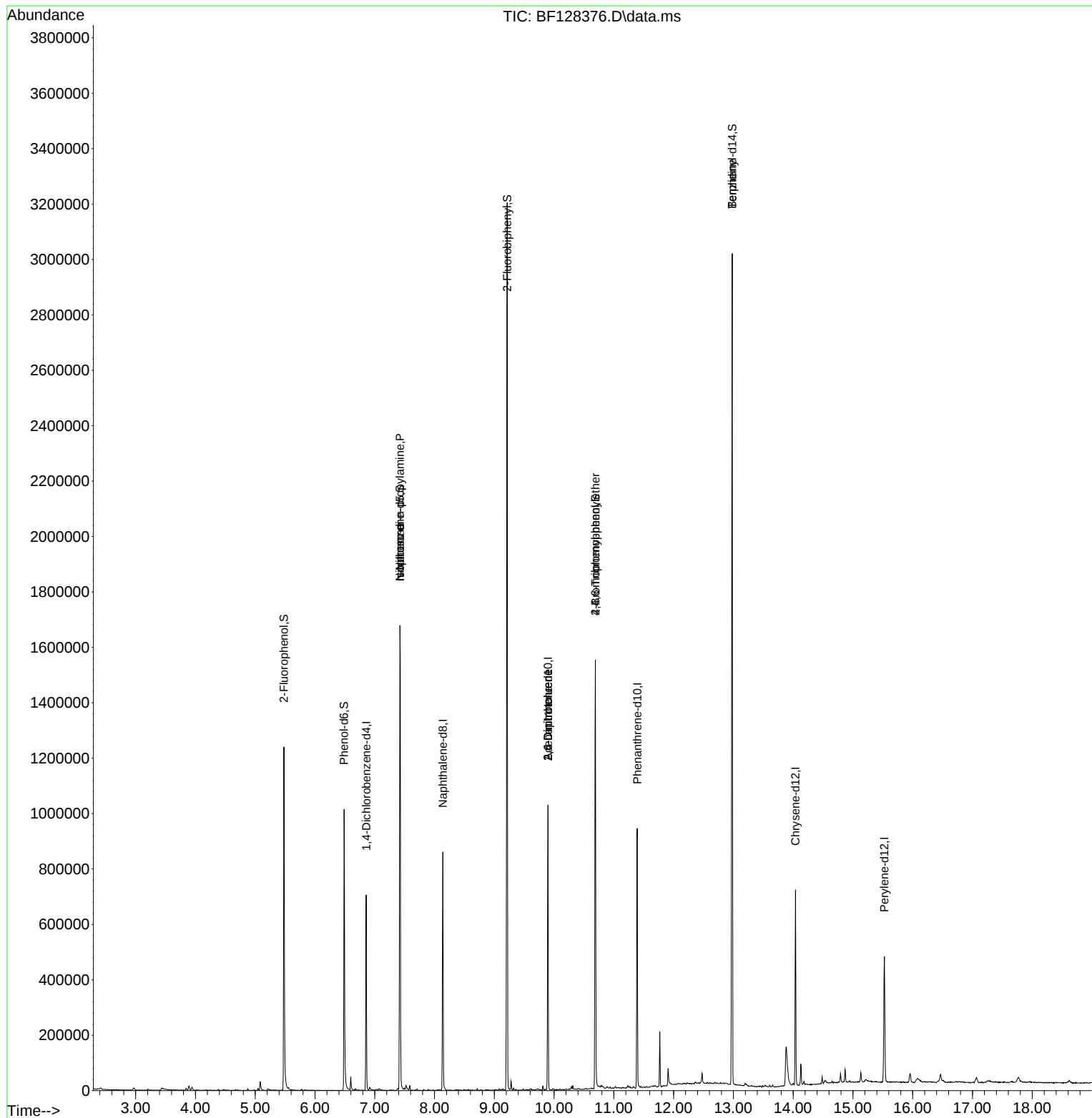
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	95923	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	365912	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	202659	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	355706	20.000	ng	0.00
76) Chrysene-d12	14.039	240	223758	20.000	ng	-0.01
86) Perylene-d12	15.527	264	198479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	324743	53.875	ng	0.00
7) Phenol-d6	6.487	99	325539	41.014	ng	-0.01
23) Nitrobenzene-d5	7.422	82	598128	73.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	177049	84.712	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	958708	77.362	ng	0.00
79) Terphenyl-d14	12.980	244	1015640	87.622	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	749	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	79815	16.814	ng	# 80
25) Isophorone	7.422	82	598121	47.791	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	26017	9.215	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	26017	7.314	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	10516	2.825	ng	# 1
77) Benizidine	12.980	184	14970	3.217	ng	# 94

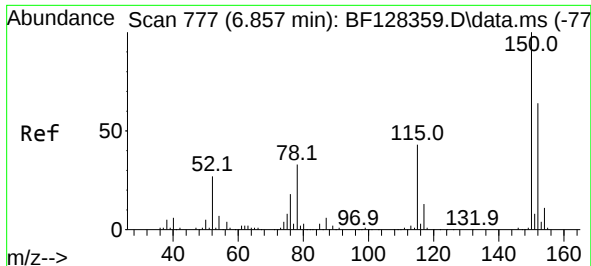
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
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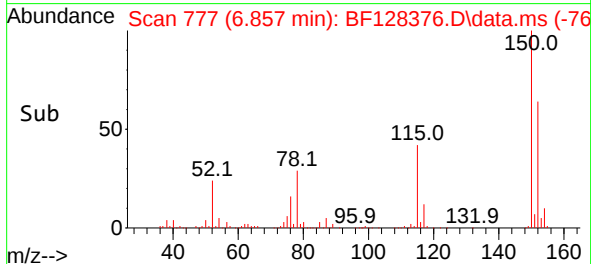
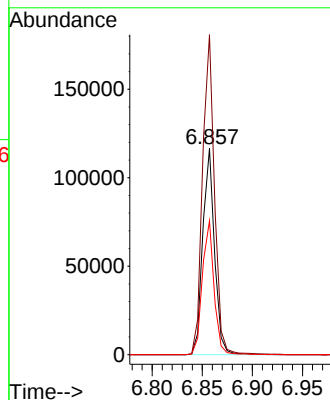
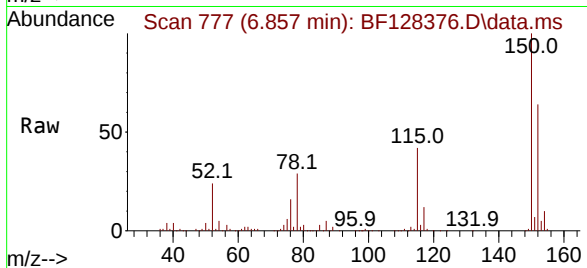




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

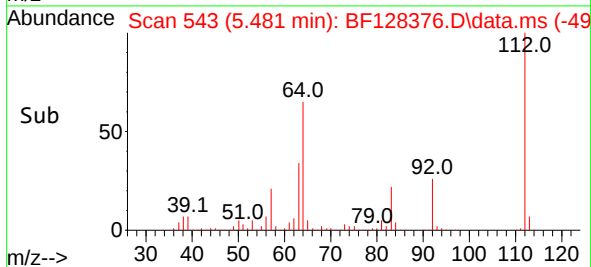
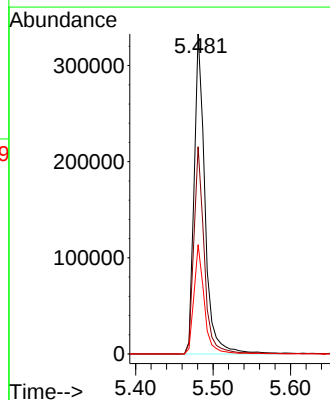
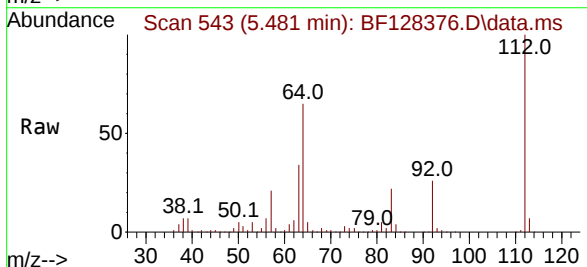
Instrument :
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MW-16R

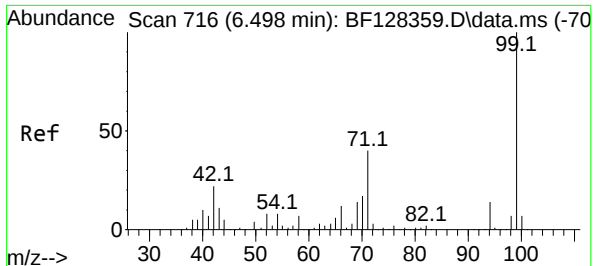
Tgt Ion:152 Resp: 95923
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 64.9 48.8 73.2



#5
2-Fluorophenol
Concen: 53.875 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

Tgt Ion:112 Resp: 324743
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 34.1 26.3 39.5

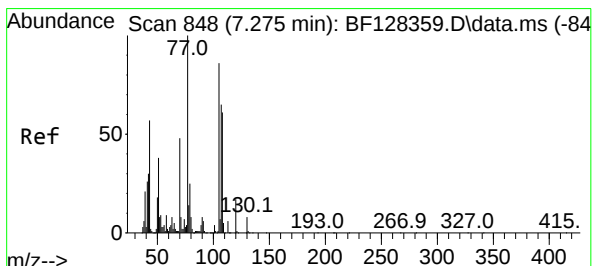
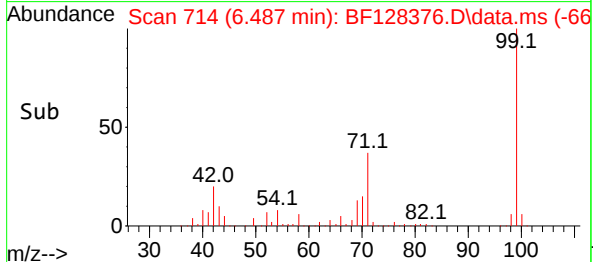
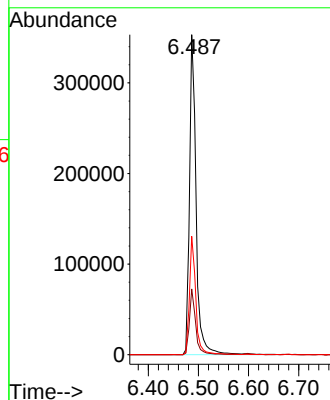
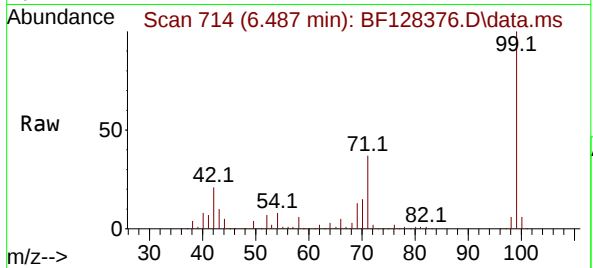




#7
Phenol-d6
Concen: 41.014 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

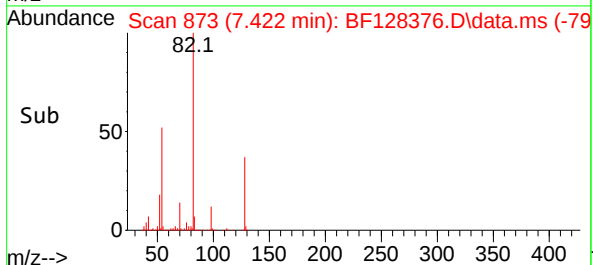
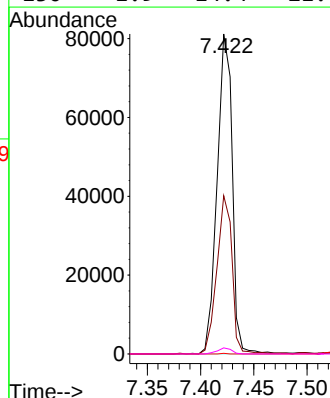
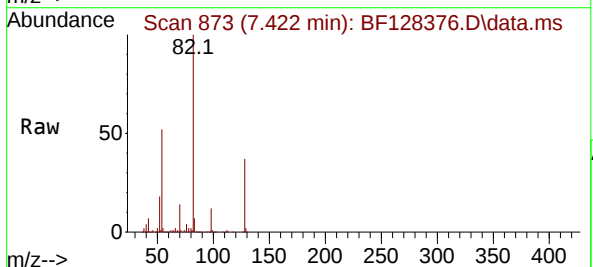
Instrument :
BNA_F
ClientSampleId :
MW-16R

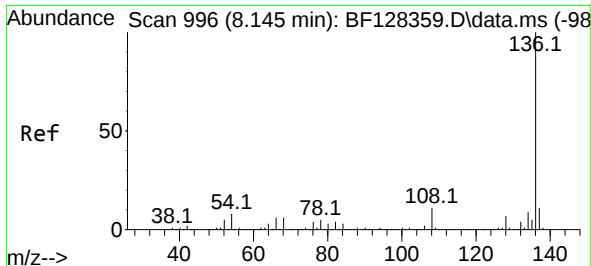
Tgt Ion: 99 Resp: 325539
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 37.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.814 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

Tgt Ion: 70 Resp: 79815
Ion Ratio Lower Upper
70 100
42 49.4 48.7 73.1
101 0.2 7.2 10.8#
130 1.9 14.4 21.6#

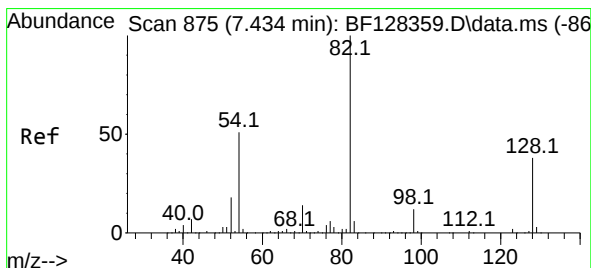
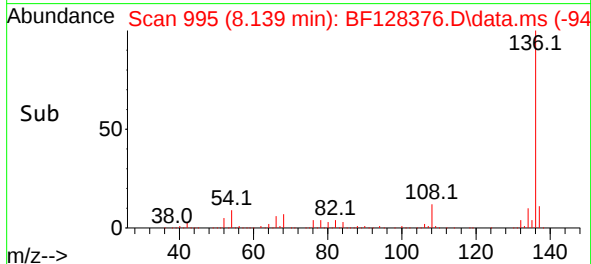
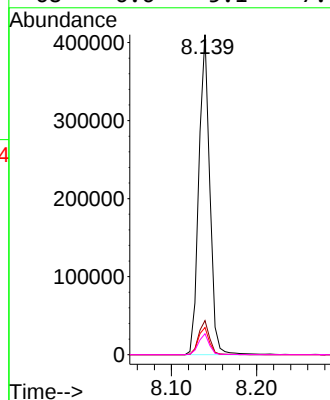
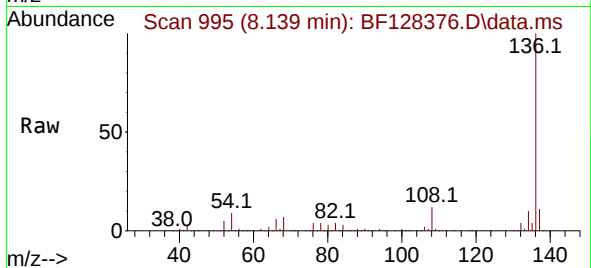




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

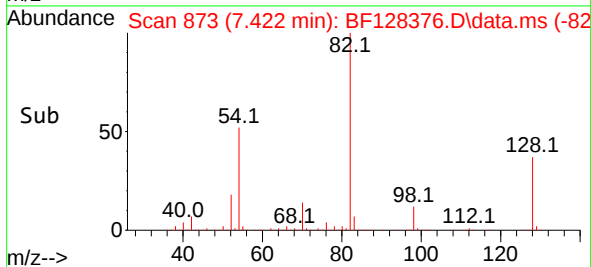
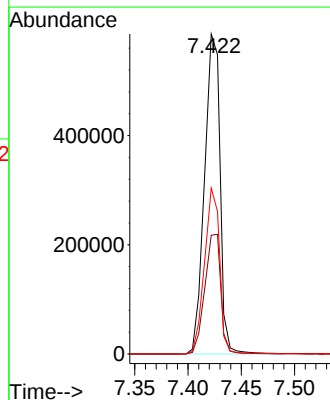
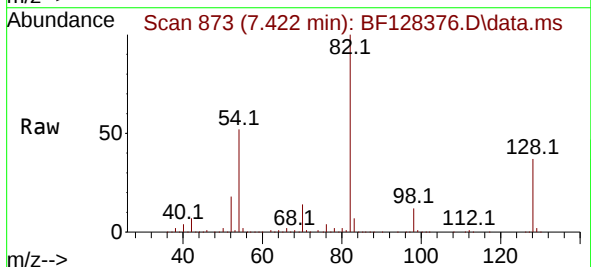
Instrument :
BNA_F
ClientSampleId :
MW-16R

Tgt	Ion:136	Resp:	365912
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.5	6.8	10.2
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 73.239 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

Tgt Ion: 82	Resp: 598128
Ion Ratio	Lower Upper
82 100	
128 37.1	30.0 45.0
54 51.9	41.3 61.9

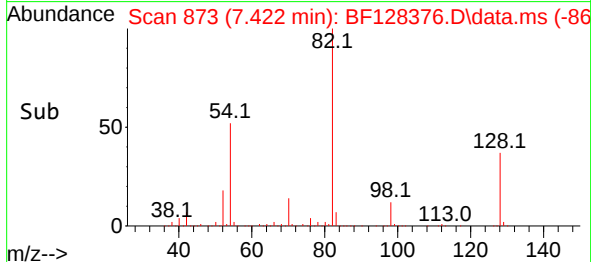
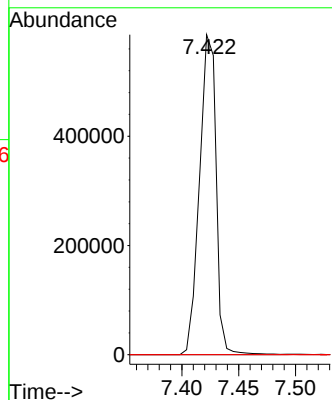
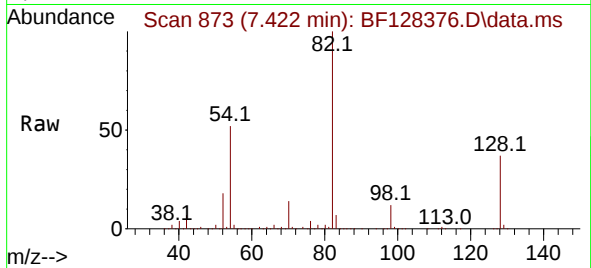




#25
Isophorone
Concen: 47.791 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

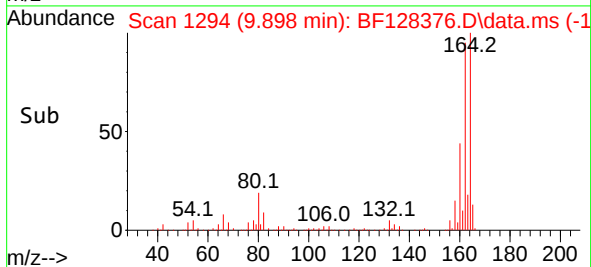
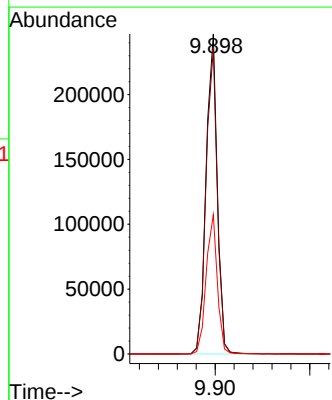
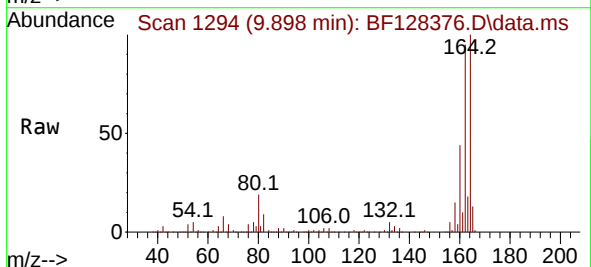
Instrument :
BNA_F
ClientSampleId :
MW-16R

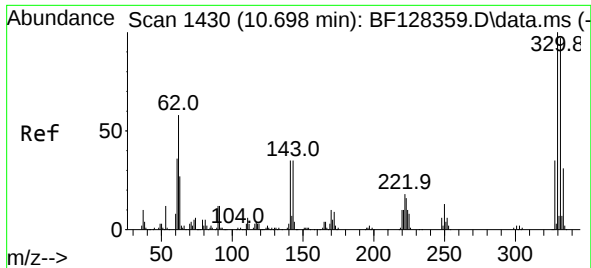
Tgt Ion: 82 Resp: 598121
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

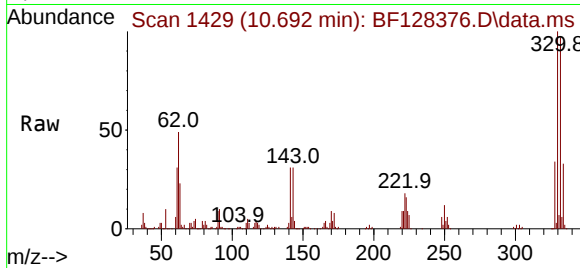
Tgt Ion:164 Resp: 202659
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 43.5 34.8 52.2



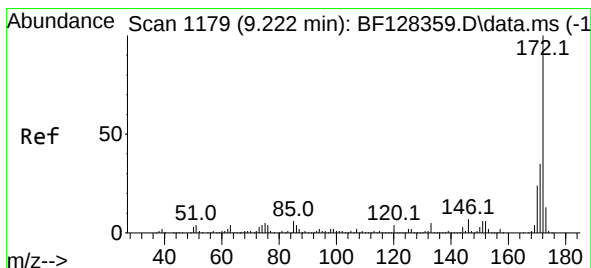
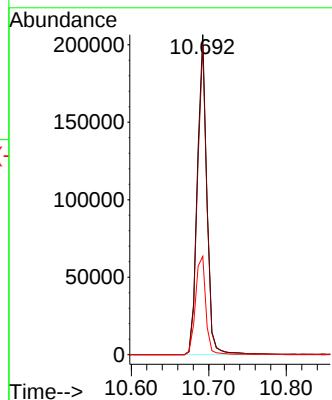
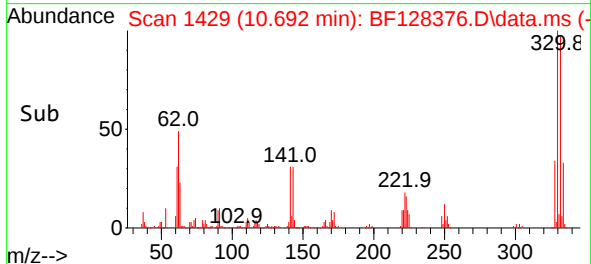


#42
2,4,6-Tribromophenol
Concen: 84.712 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

Instrument :
BNA_F
ClientSampleId :
MW-16R

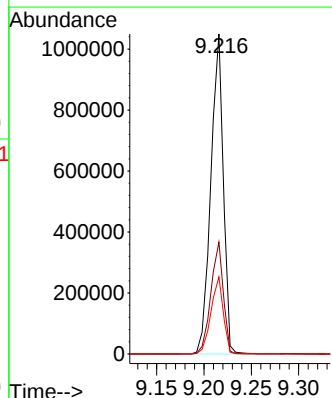
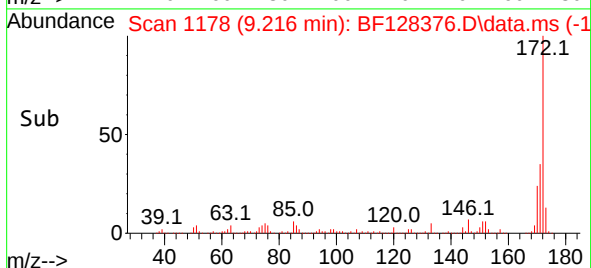
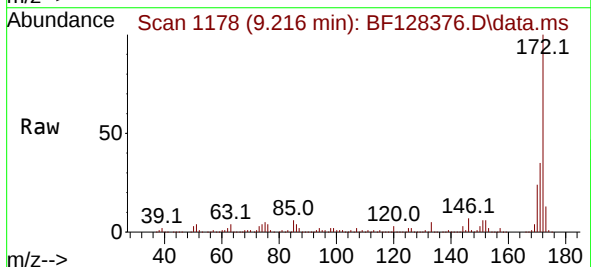


Tgt Ion:330 Resp: 177049
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 33.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 77.362 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

Tgt Ion:172 Resp: 958708
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.1 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.215 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128376.D

Acq: 20 May 2022 21:07

Instrument :

BNA_F

ClientSampleId :

MW-16R

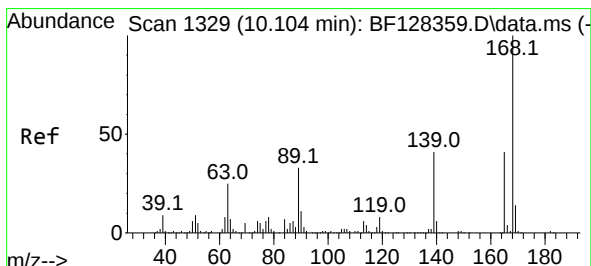
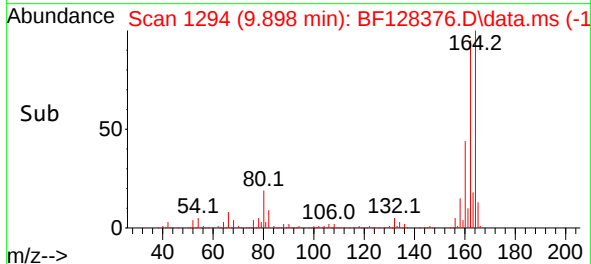
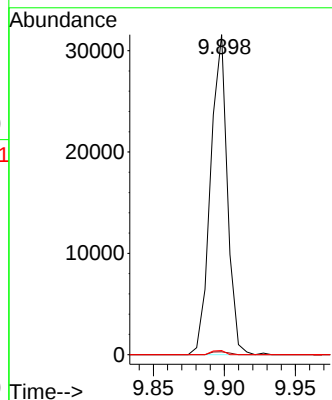
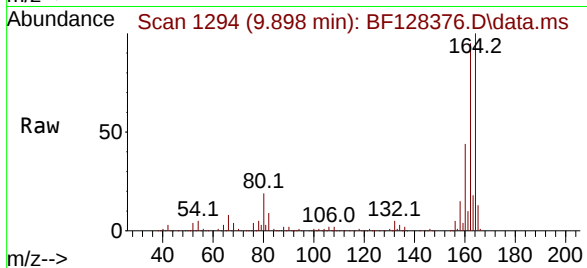
Tgt Ion:165 Resp: 26017

Ion Ratio Lower Upper

165 100

63 0.9 49.5 74.3#

89 1.3 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.314 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128376.D

Acq: 20 May 2022 21:07

Tgt Ion:165 Resp: 26017

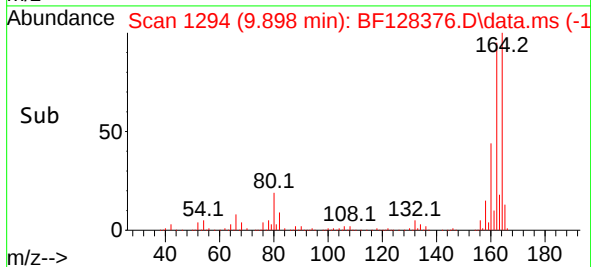
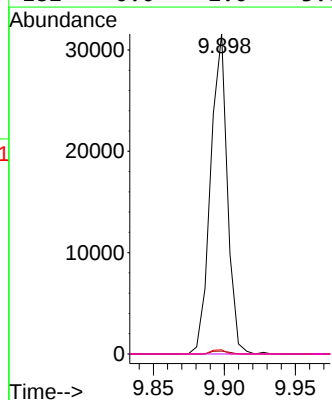
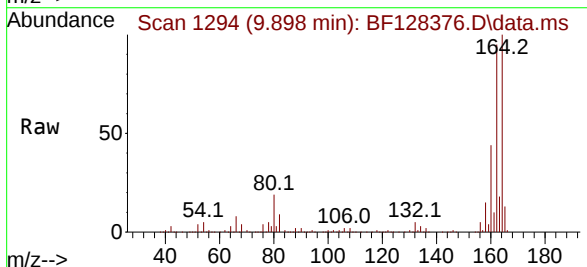
Ion Ratio Lower Upper

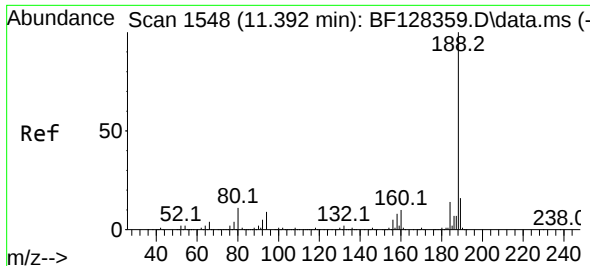
165 100

63 0.9 32.6 49.0#

89 1.3 55.2 82.8#

182 0.0 2.0 3.0#

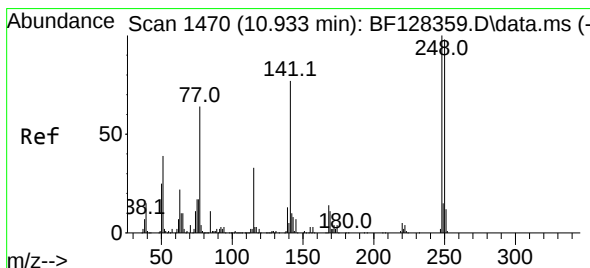
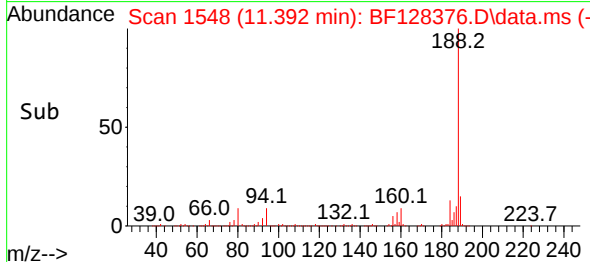
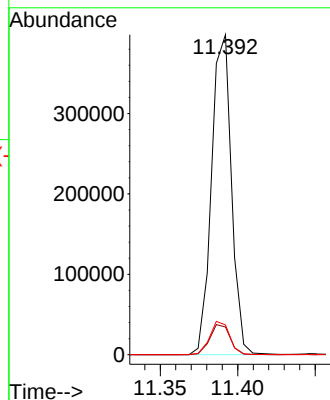
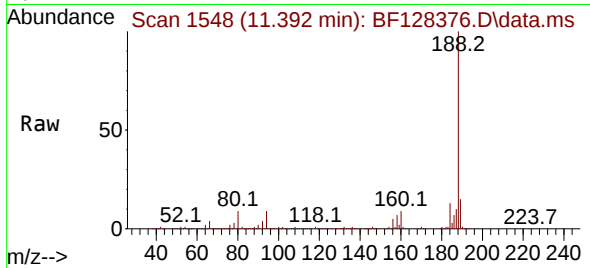




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

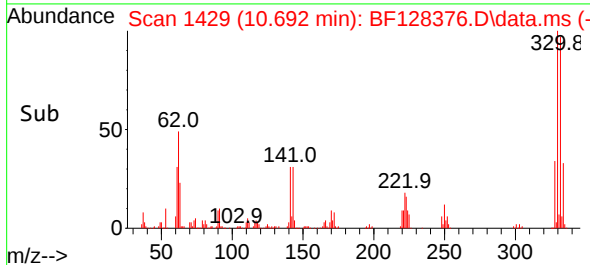
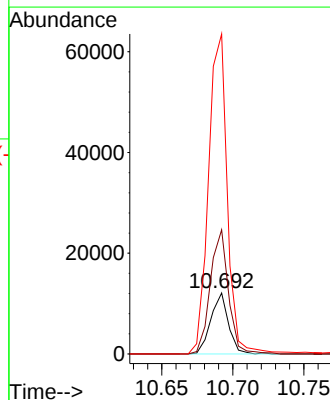
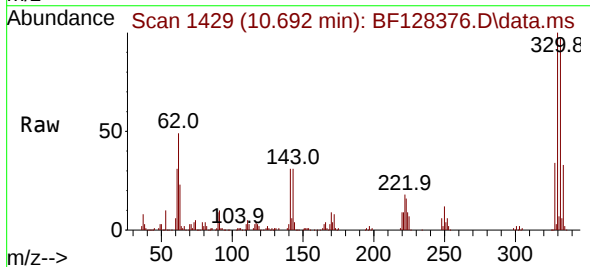
Instrument :
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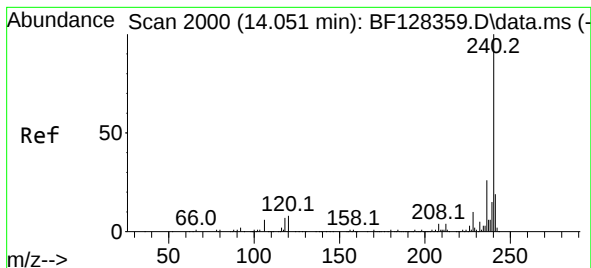
Tgt Ion:188 Resp: 355706
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.825 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128376.D
Acq: 20 May 2022 21:07

Tgt Ion:248 Resp: 10516
Ion Ratio Lower Upper
248 100
250 203.5 77.7 116.5#
141 524.6 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: BF128376.D

Acq: 20 May 2022 21:07

Instrument :

BNA_F

ClientSampleId :

MW-16R

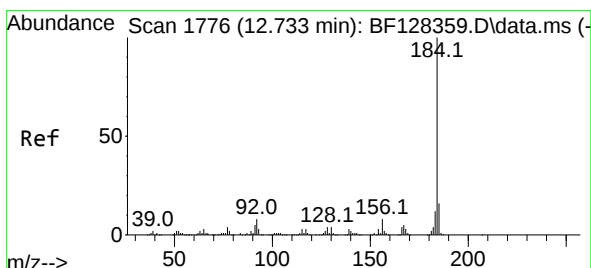
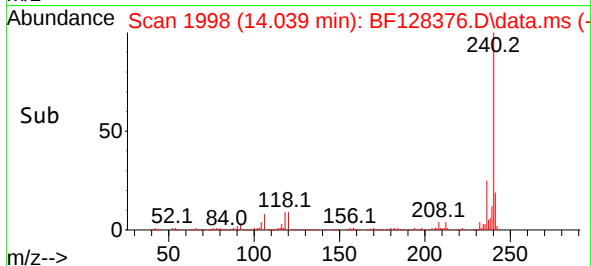
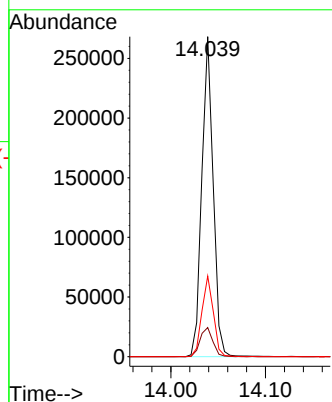
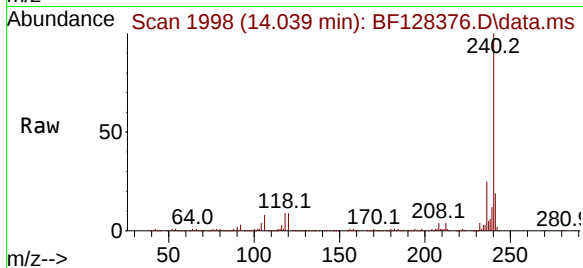
Tgt Ion:240 Resp: 223758

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

236 25.2 20.3 30.5



#77

Benzidine

Concen: 3.217 ng

RT: 12.980 min Scan# 1818

Delta R.T. 0.247 min

Lab File: BF128376.D

Acq: 20 May 2022 21:07

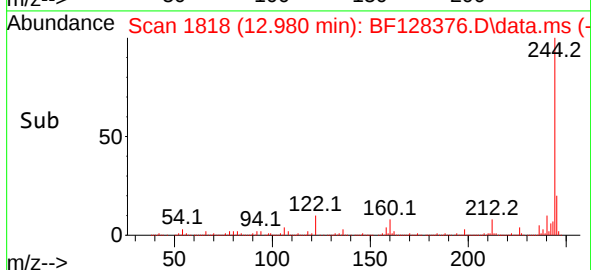
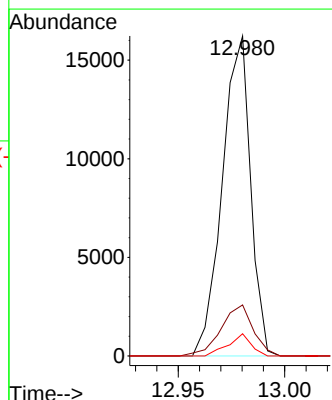
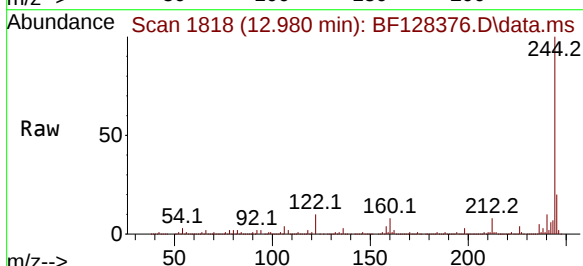
Tgt Ion:184 Resp: 14970

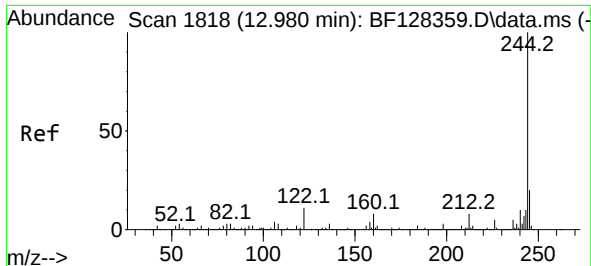
Ion Ratio Lower Upper

184 100

185 16.0 12.1 18.1

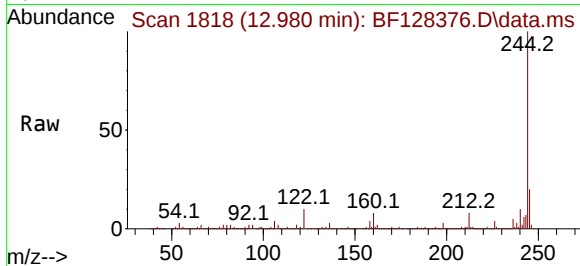
183 7.0 9.0 13.4#





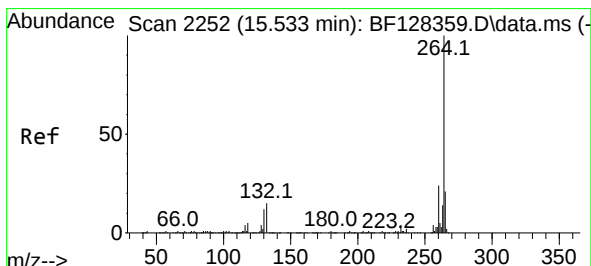
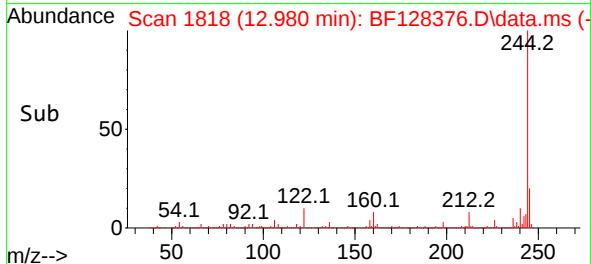
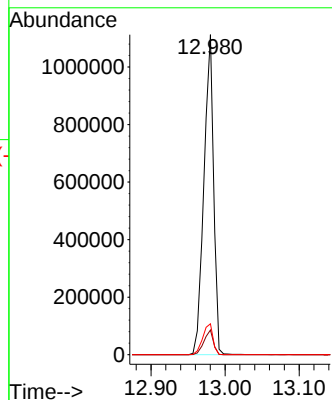
#79
 Terphenyl-d14
 Concen: 87.622 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128376.D
 Acq: 20 May 2022 21:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R



Tgt Ion:244 Resp: 1015640

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	9.7	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: BF128376.D
 Acq: 20 May 2022 21:07

Tgt Ion:264 Resp: 198479

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	21.8	17.5	26.3

