

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128388.D
 Acq On : 21 May 2022 03:00
 Operator : CG\JU
 Sample : N2939-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1

Quant Time: May 23 02:41:10 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)

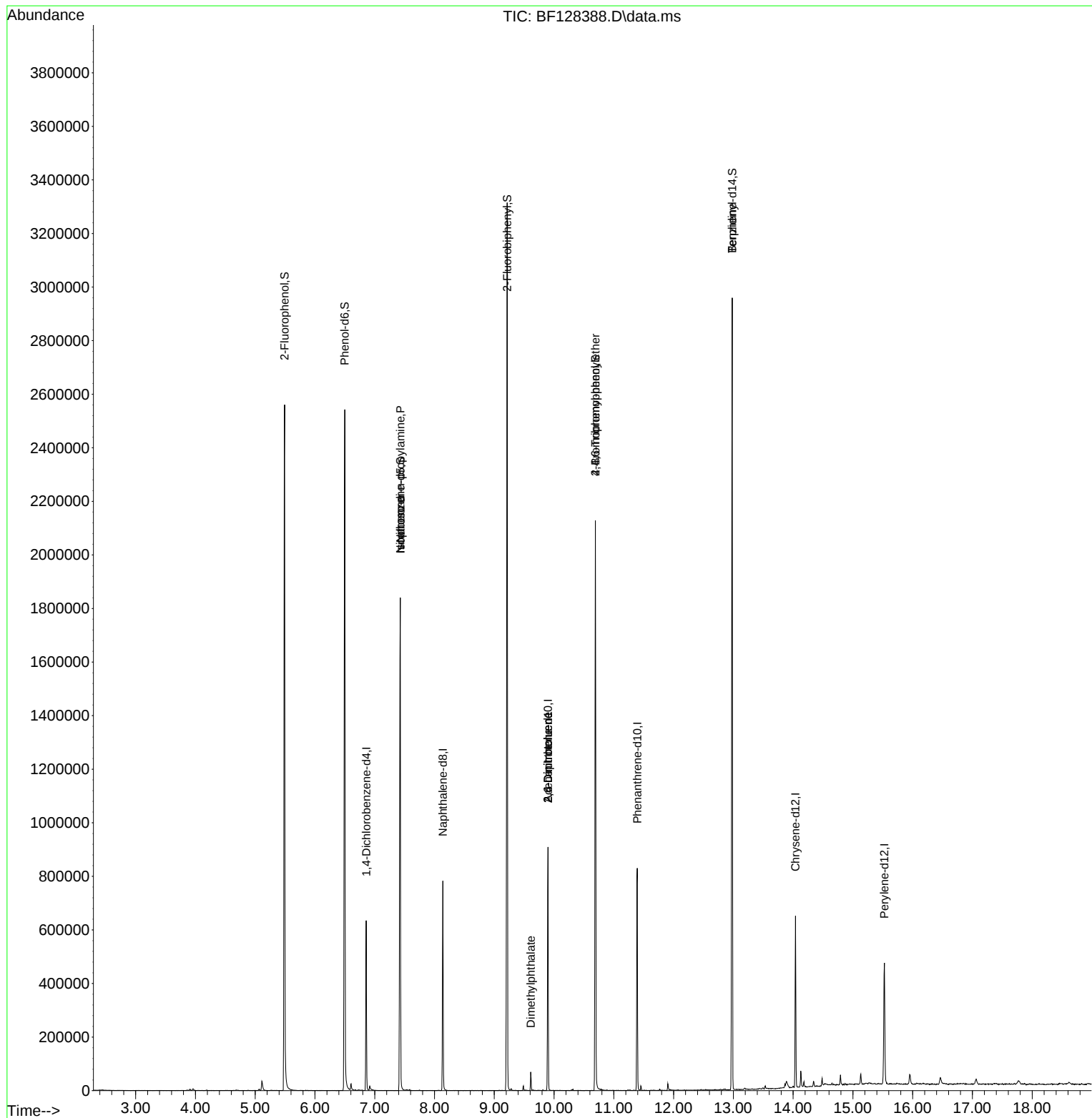
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	86556	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	323901	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	183706	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	319634	20.000	ng	0.00
76) Chrysene-d12	14.039	240	204077	20.000	ng	-0.01
86) Perylene-d12	15.527	264	202817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	703347	129.314	ng	0.01
7) Phenol-d6	6.498	99	881137	123.028	ng	0.00
23) Nitrobenzene-d5	7.428	82	646115	89.377	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	234696	123.879	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1022326	91.007	ng	0.00
79) Terphenyl-d14	12.980	244	1002589	94.838	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1445	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	87298	20.380	ng	# 79
25) Isophorone	7.428	82	646109	58.322	ng	# 68
50) Dimethylphthalate	9.610	163	25184	2.152	ng	# 95
51) 2,6-Dinitrotoluene	9.898	165	23869	9.326	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	23869	7.402	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	14370	4.296	ng	# 1
77) Benzidine	12.980	184	15159	3.571	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128388.D
Acq On : 21 May 2022 03:00
Operator : CG\JU
Sample : N2939-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1

Quant Time: May 23 02:41:10 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

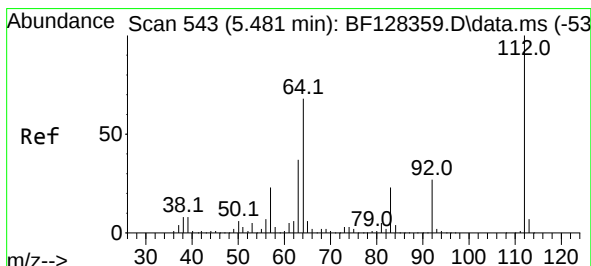
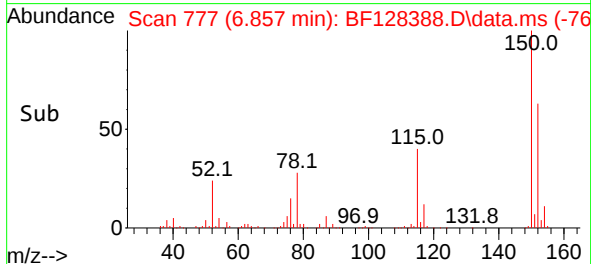
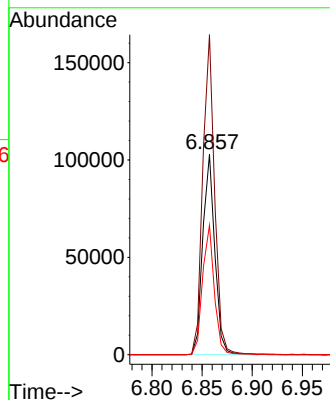
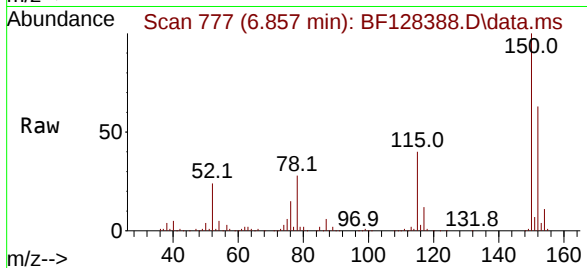




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

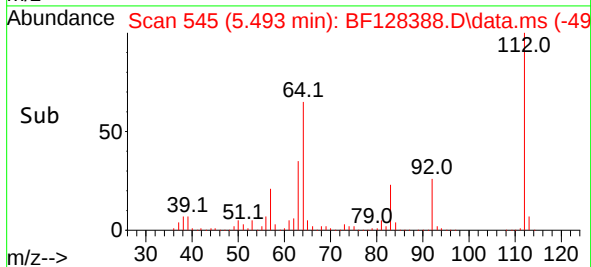
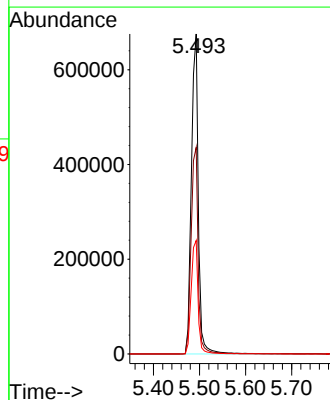
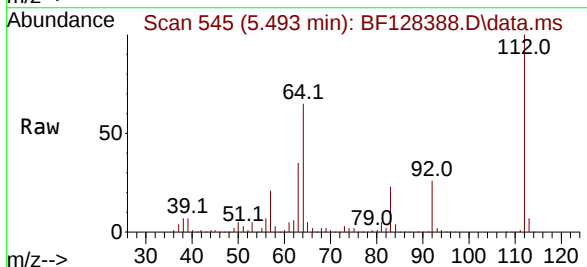
Instrument :
BNA_F
ClientSampleId :
B1

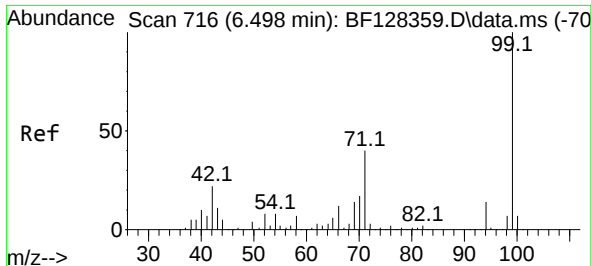
Tgt Ion:152 Resp: 86556
Ion Ratio Lower Upper
152 100
150 159.7 125.3 187.9
115 64.6 48.8 73.2



#5
2-Fluorophenol
Concen: 129.314 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.012 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

Tgt Ion:112 Resp: 703347
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 35.5 26.3 39.5

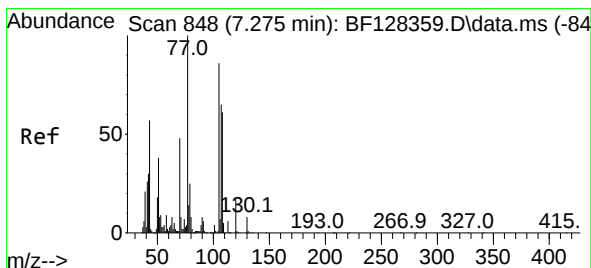
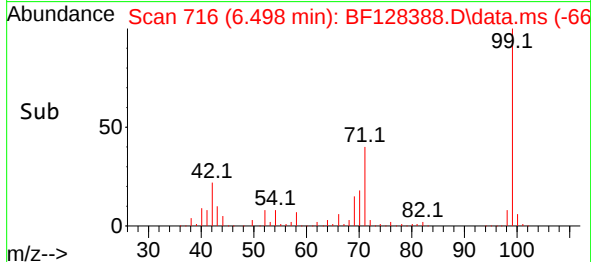
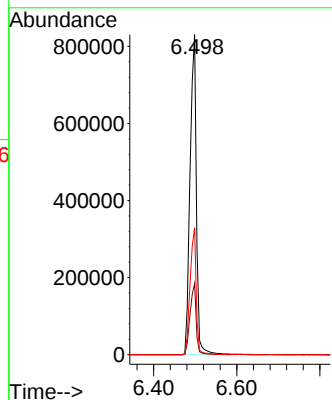
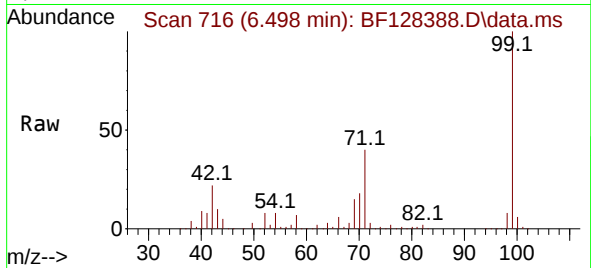




#7
Phenol-d6
Concen: 123.028 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

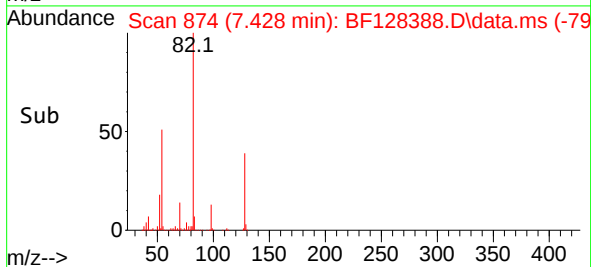
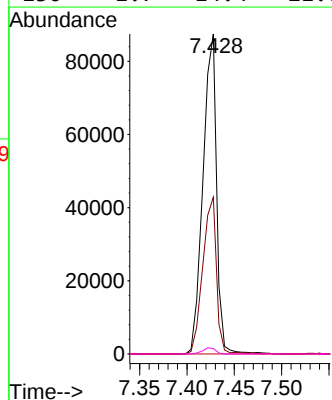
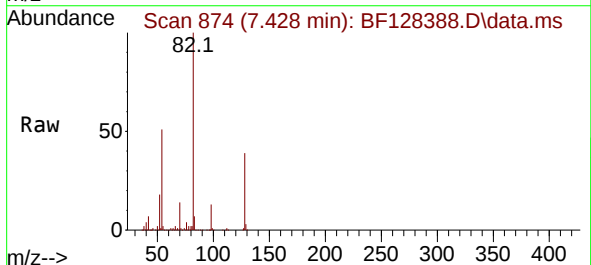
Instrument :
BNA_F
ClientSampleId :
B1

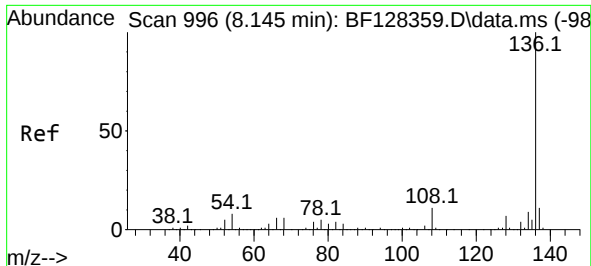
Tgt Ion: 99 Resp: 881137
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 39.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.380 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

Tgt Ion: 70 Resp: 87298
Ion Ratio Lower Upper
70 100
42 49.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

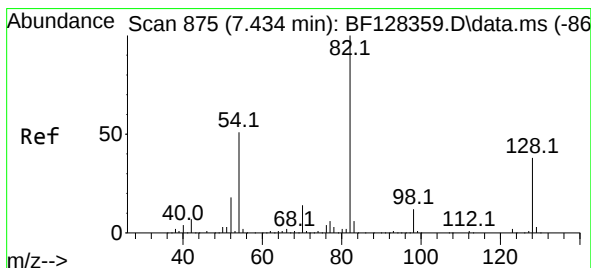
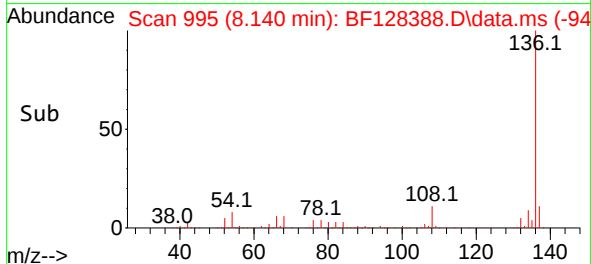
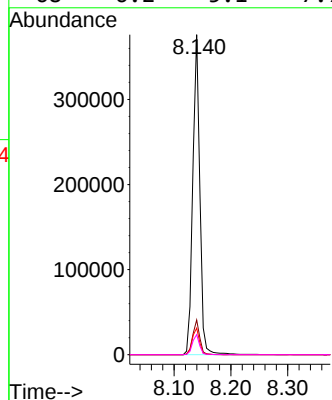
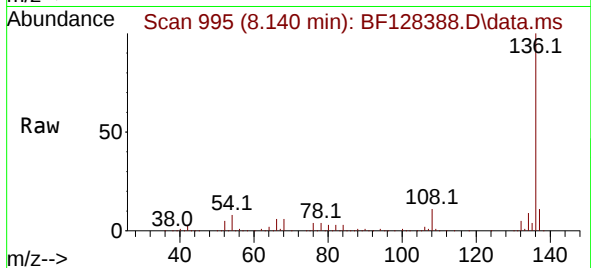




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

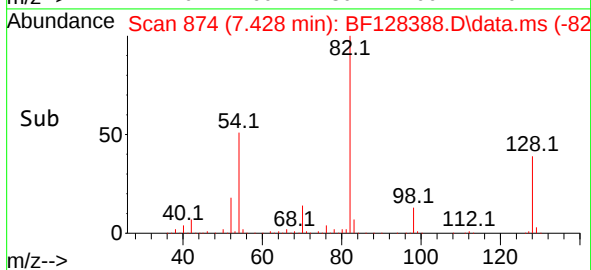
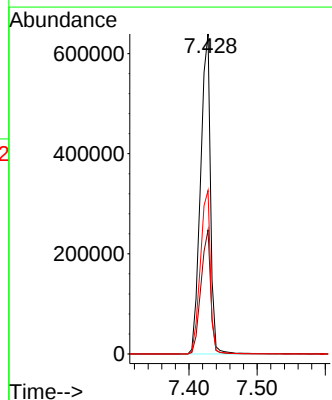
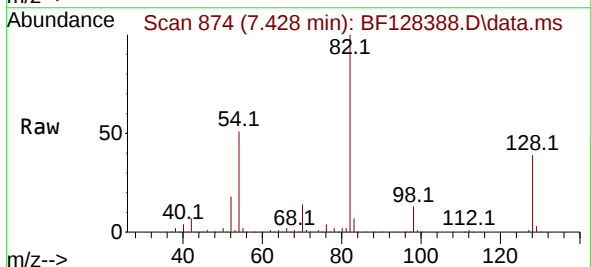
Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:136	Resp: 323901
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 8.3	6.8 10.2
68 6.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 89.377 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

Tgt Ion: 82	Resp: 646115
Ion Ratio	Lower Upper
82 100	
128 38.7	30.0 45.0
54 51.1	41.3 61.9

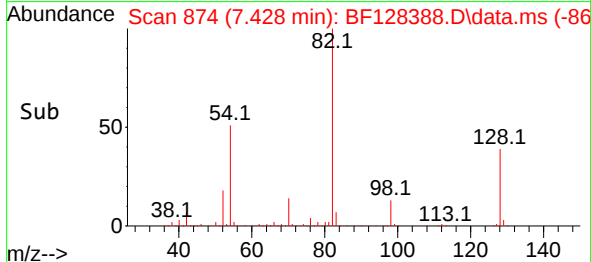
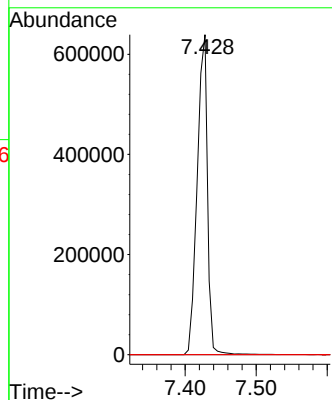
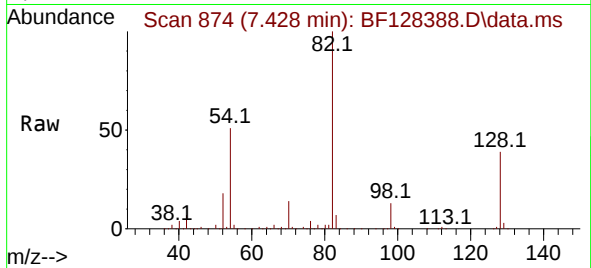




#25
Isophorone
Concen: 58.322 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

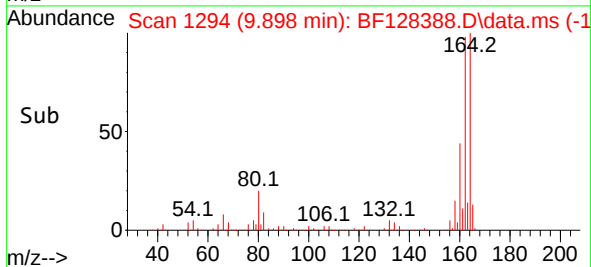
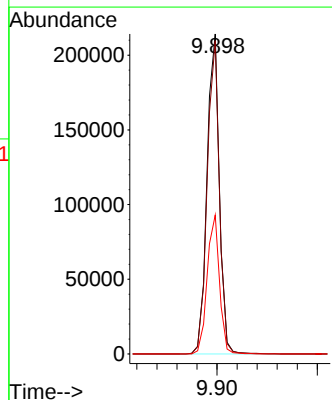
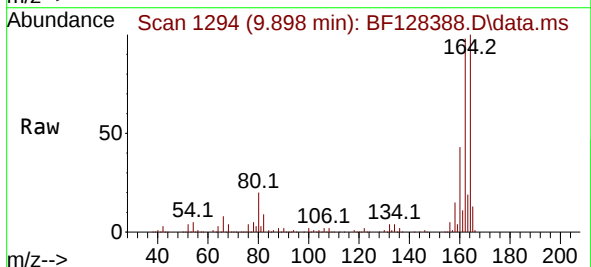
Instrument :
BNA_F
ClientSampleId :
B1

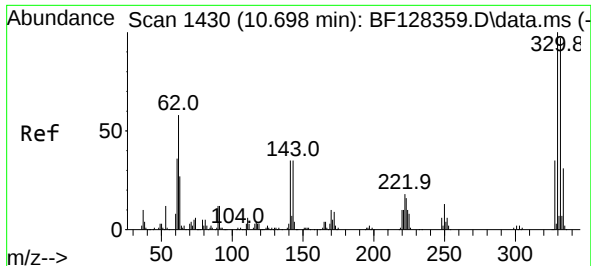
Tgt Ion: 82 Resp: 646109
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

Tgt Ion:164 Resp: 183706
Ion Ratio Lower Upper
164 100
162 97.9 76.0 114.0
160 43.4 34.8 52.2

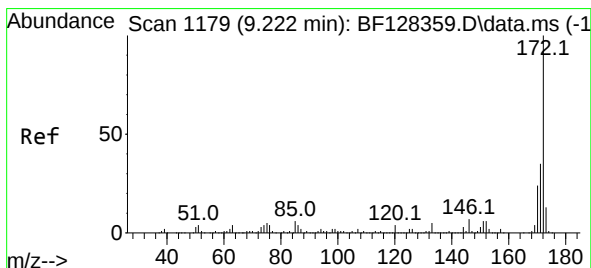
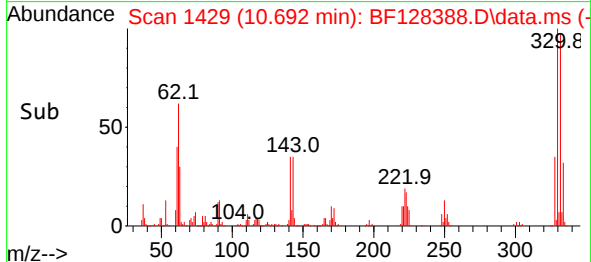
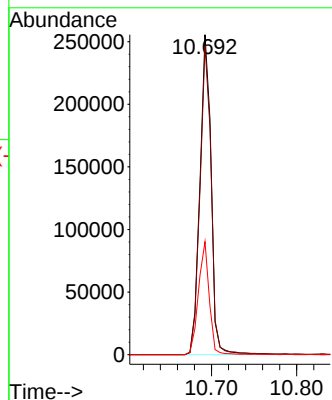
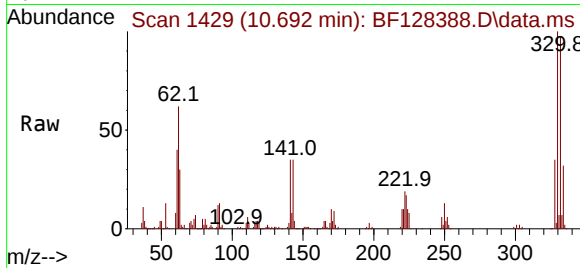




#42
2,4,6-Tribromophenol
Concen: 123.879 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

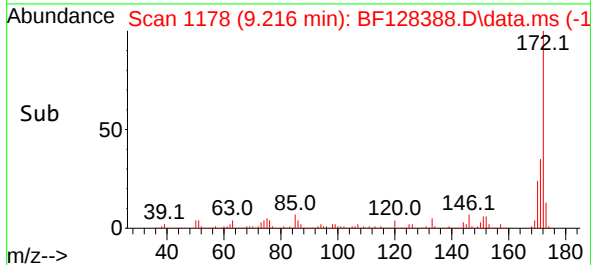
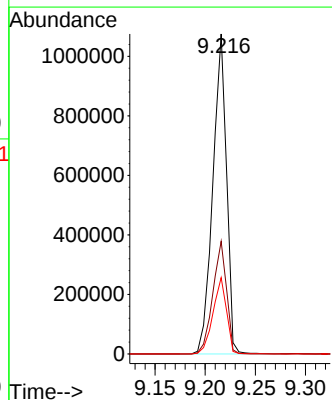
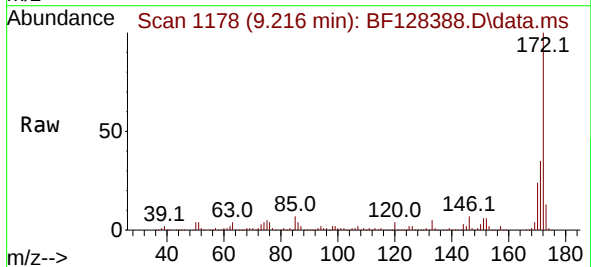
Instrument :
BNA_F
ClientSampleId :
B1

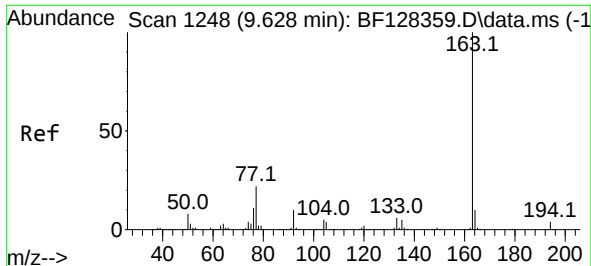
Tgt Ion:330 Resp: 234696
Ion Ratio Lower Upper
330 100
332 96.7 79.0 118.4
141 33.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 91.007 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

Tgt Ion:172 Resp: 1022326
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.8 19.1 28.7

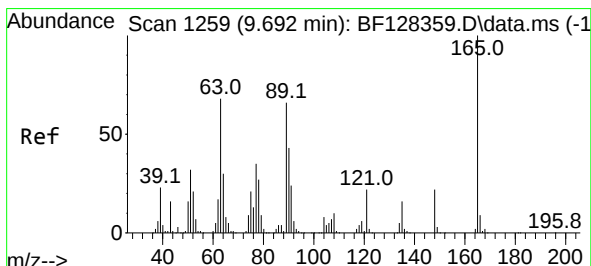
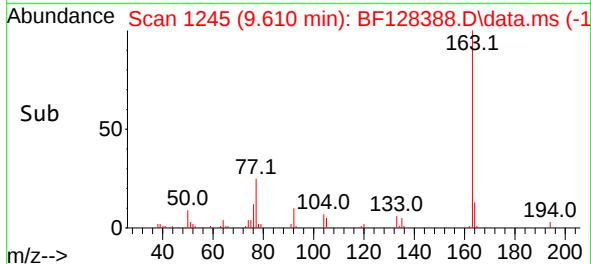
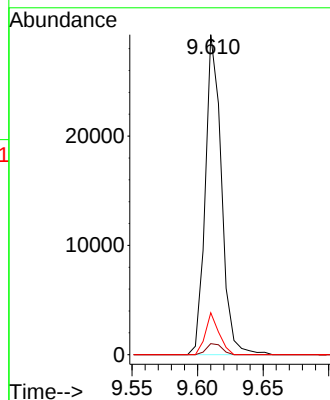
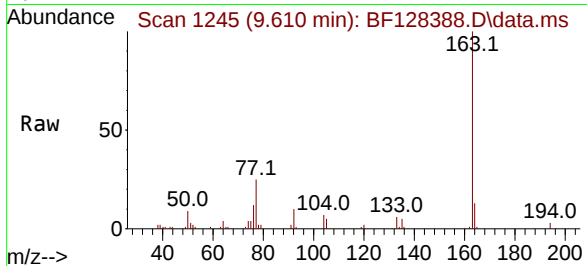




#50
Dimethylphthalate
Concen: 2.152 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

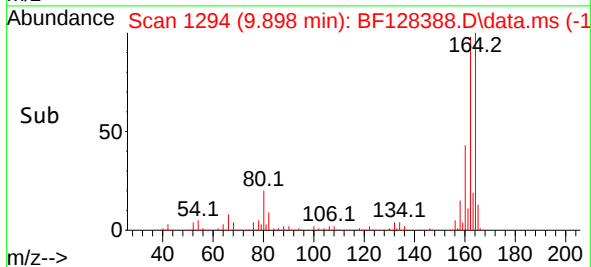
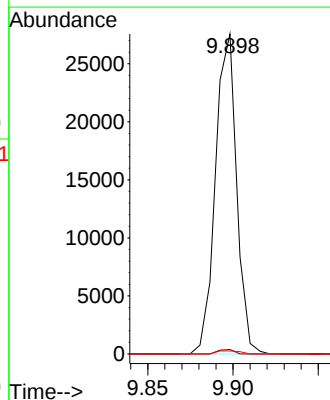
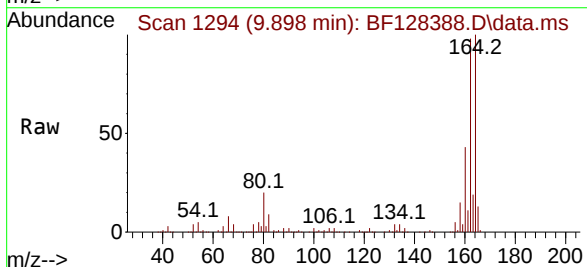
Instrument :
BNA_F
ClientSampleId :
B1

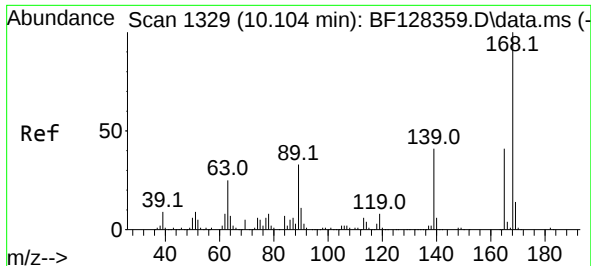
Tgt Ion:163 Resp: 25184
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 13.1 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 9.326 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.206 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

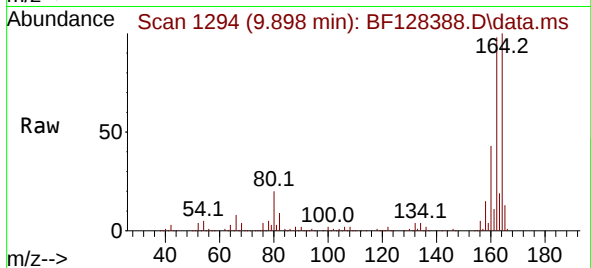
Tgt Ion:165 Resp: 23869
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 1.0 49.0 73.4#



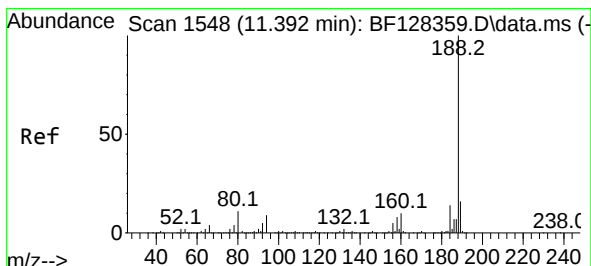
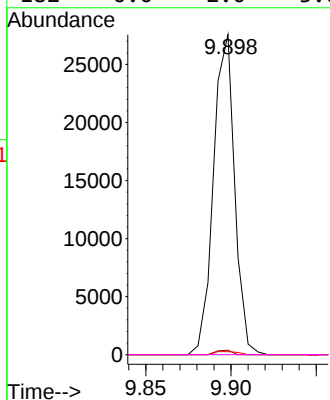
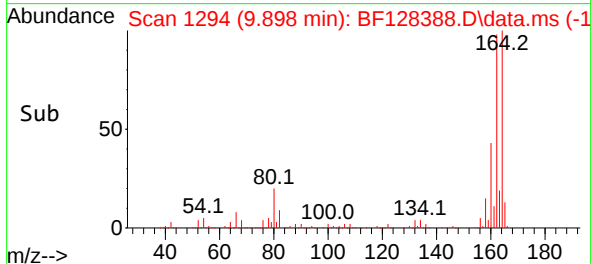


#57
2,4-Dinitrotoluene
Concen: 7.402 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

Instrument :
BNA_F
ClientSampleId :
B1

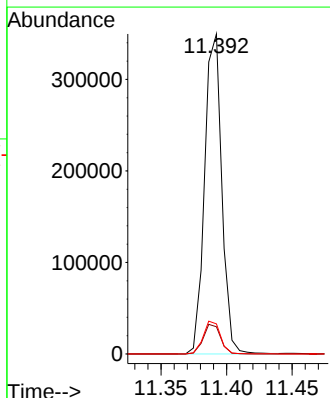
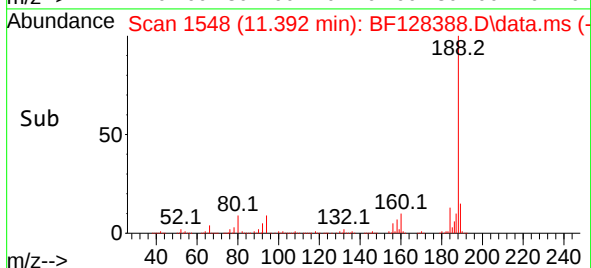
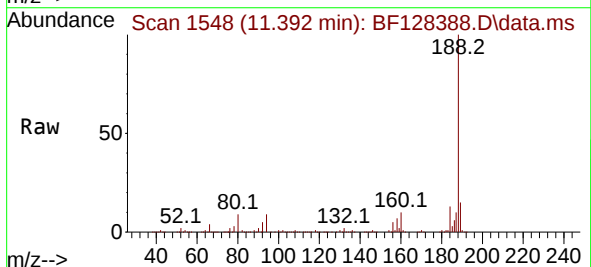


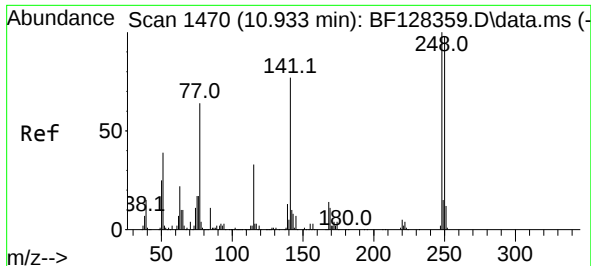
Tgt Ion:165 Resp: 23869
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

Tgt Ion:188 Resp: 319634
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.4 8.9 13.3

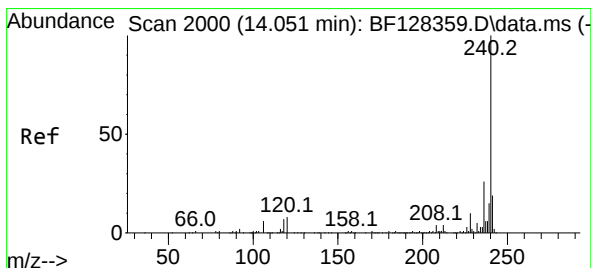
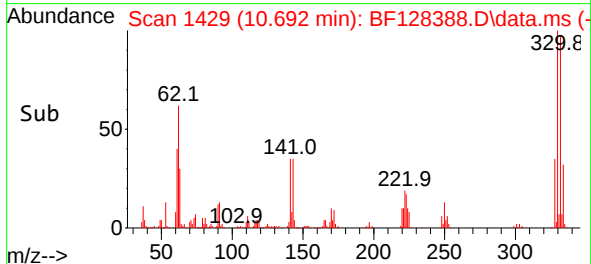
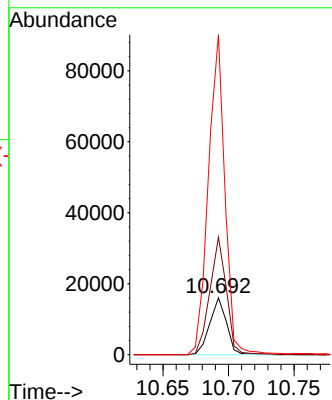
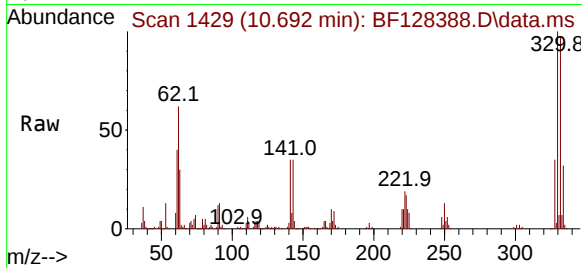




#67
4-Bromophenyl-phenylether
Concen: 4.296 ng
RT: 10.692 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

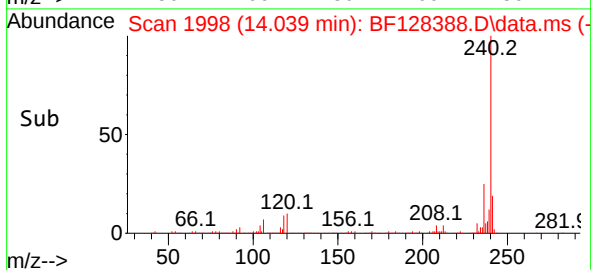
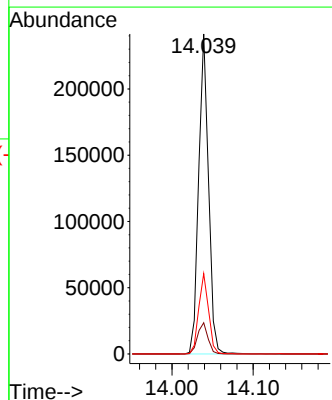
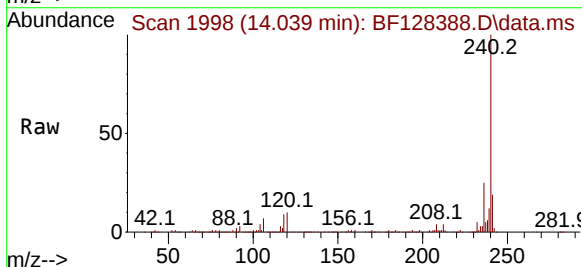
Instrument :
BNA_F
ClientSampleId :
B1

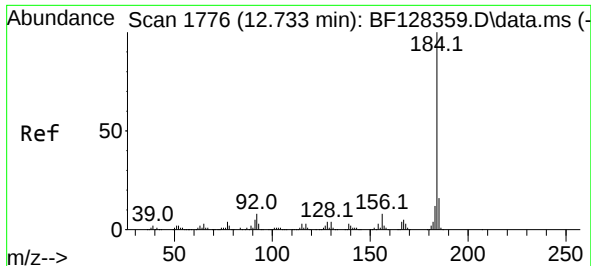
Tgt Ion:248 Resp: 14370
Ion Ratio Lower Upper
248 100
250 206.5 77.7 116.5#
141 562.3 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

Tgt Ion:240 Resp: 204077
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.1 20.3 30.5

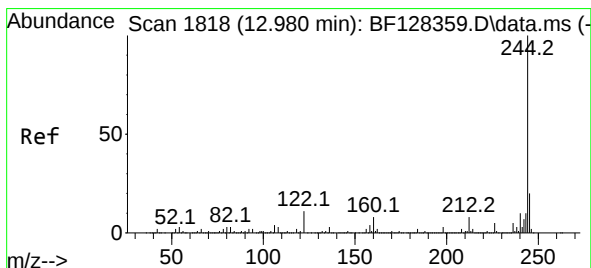
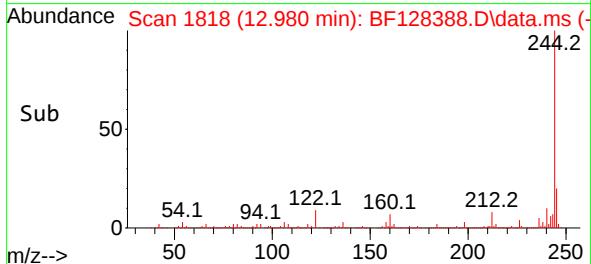
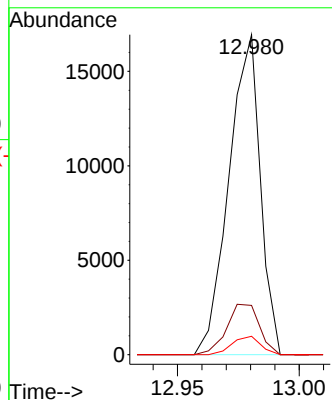
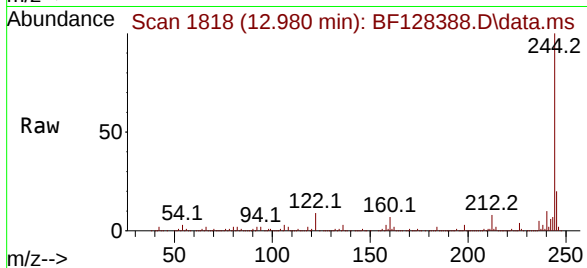




#77
Benzidine
Concen: 3.571 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

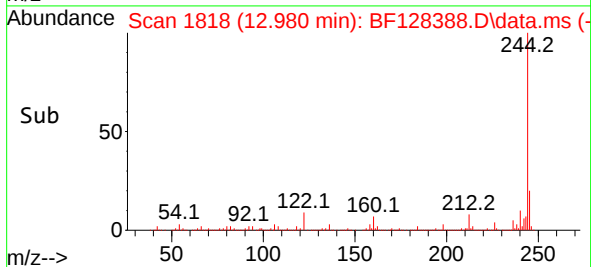
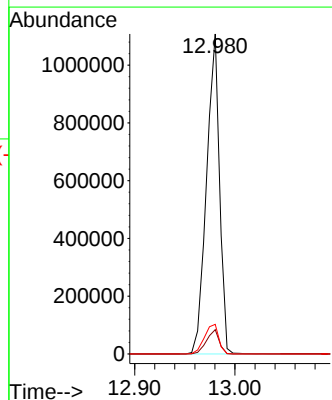
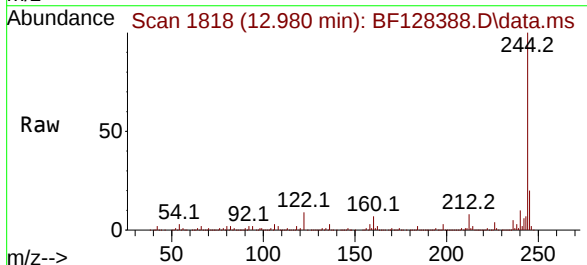
Instrument :
BNA_F
ClientSampleId :
B1

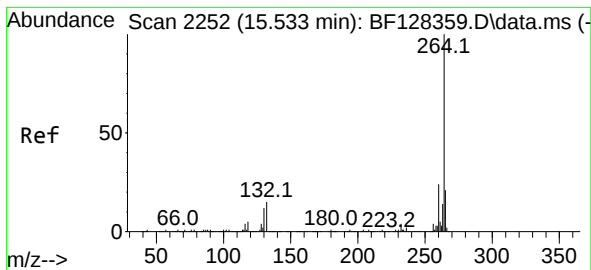
Tgt Ion:184 Resp: 15159
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 5.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 94.838 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

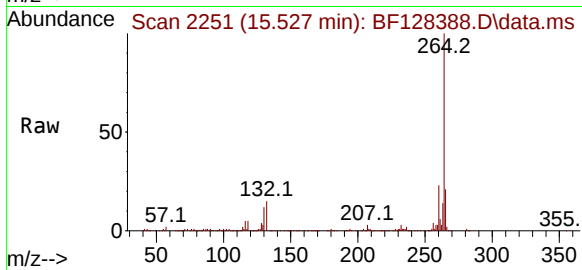
Tgt Ion:244 Resp: 1002589
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.3 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128388.D
Acq: 21 May 2022 03:00

Instrument :
BNA_F
ClientSampleId :
B1



Tgt Ion:264 Resp: 202817

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	21.4	17.5	26.3

