

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128340.D
 Acq On : 19 May 2022 16:58
 Operator : CG\JU
 Sample : N2865-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P018-SS001-2430-01

Quant Time: May 19 17:43:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

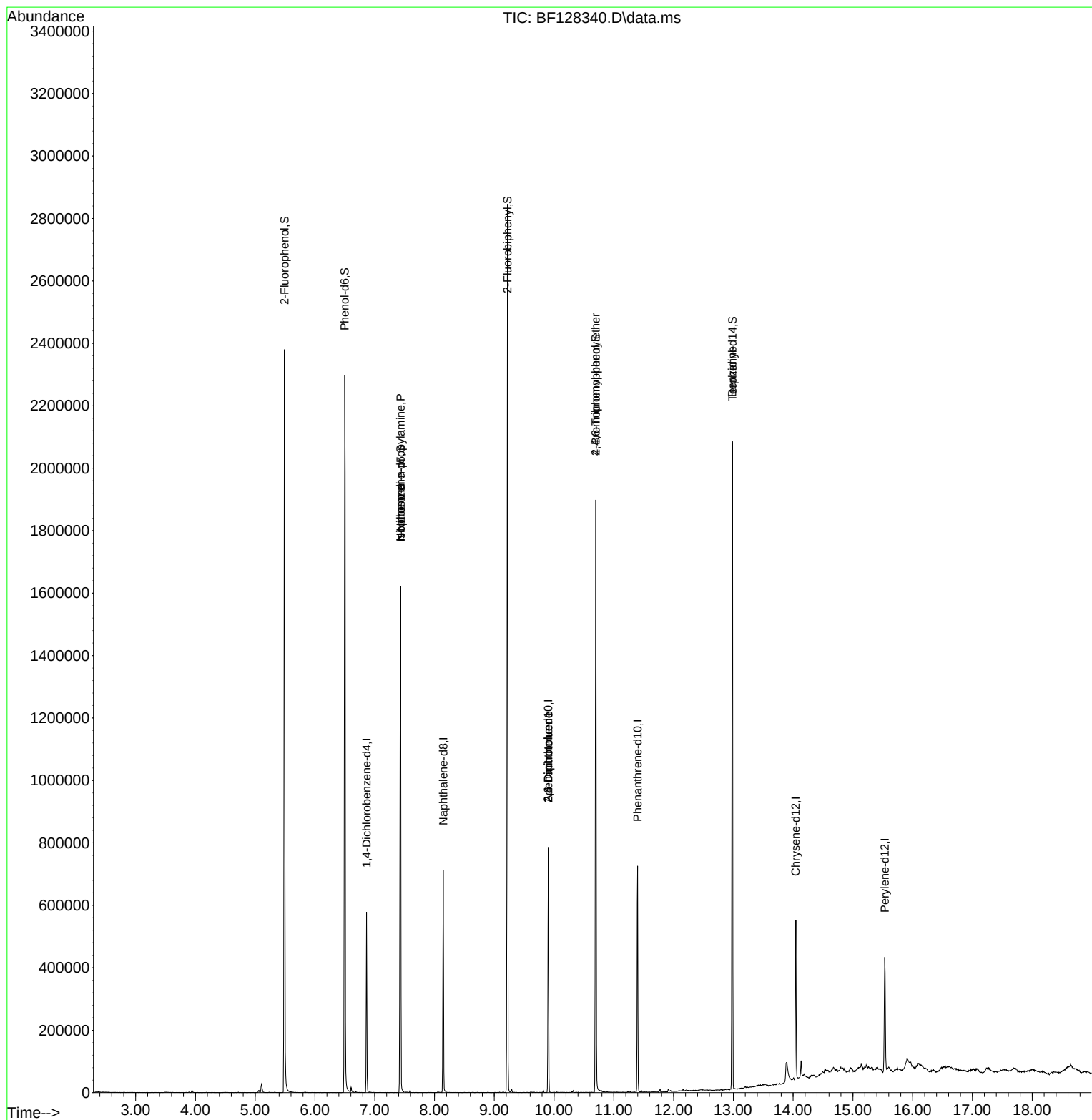
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	72564	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	283172	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	153345	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	262190	20.000	ng	0.00
76) Chrysene-d12	14.045	240	162519	20.000	ng	-0.01
86) Perylene-d12	15.533	264	173925	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	603787	132.644	ng	0.00
7) Phenol-d6	6.498	99	801481	133.122	ng	-0.01
23) Nitrobenzene-d5	7.434	82	578128	91.866	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	211171	120.074	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	807908	82.437	ng	-0.01
79) Terphenyl-d14	12.986	244	755529	87.232	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	1372	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	78288	21.115	ng	# 78
25) Isophorone	7.434	82	578123	58.596	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	19768	9.107	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	19768	6.810	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	12959	4.594	ng	# 1
77) Benizidine	12.980	184	10898	3.096	ng	# 93

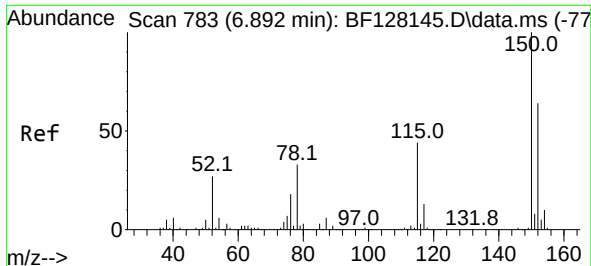
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
Data File : BF128340.D
Acq On : 19 May 2022 16:58
Operator : CG\JU
Sample : N2865-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P018-SS001-2430-01

Quant Time: May 19 17:43:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 06:47:51 2022
Response via : Initial Calibration

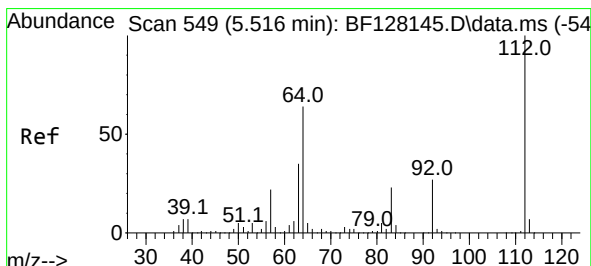
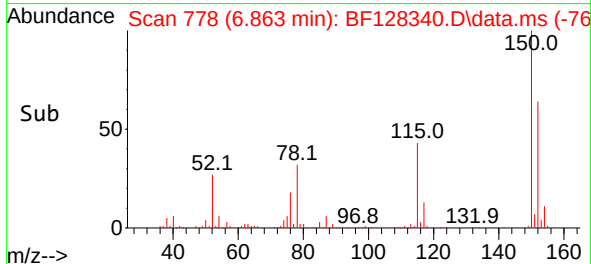
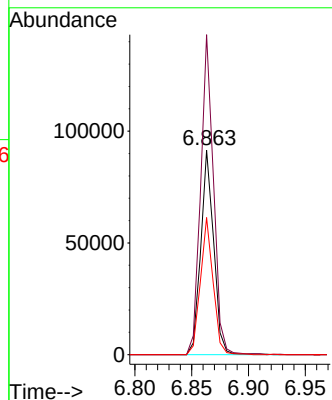
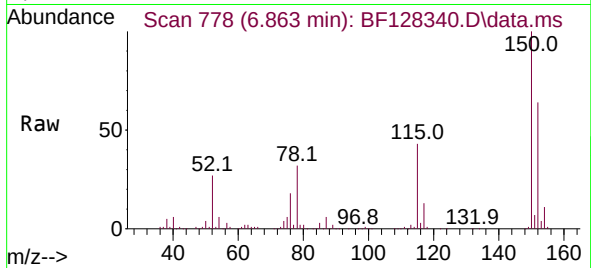




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

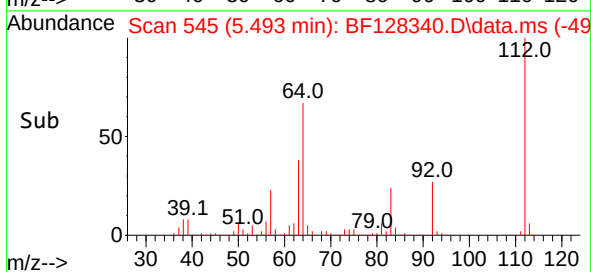
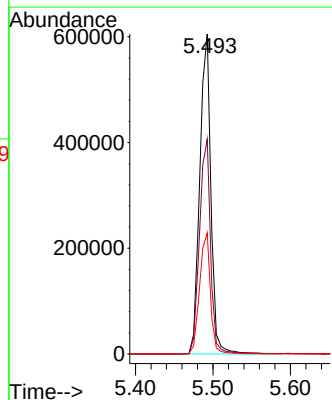
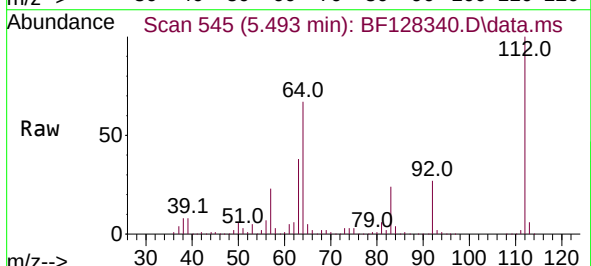
Instrument :
BNA_F
ClientSampleId :
P018-SS001-2430-01

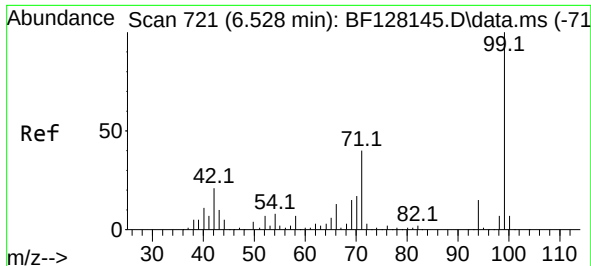
Tgt Ion:152 Resp: 72564
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 67.0 48.8 73.2



#5
2-Fluorophenol
Concen: 132.644 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

Tgt Ion:112 Resp: 603787
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 37.8 26.3 39.5

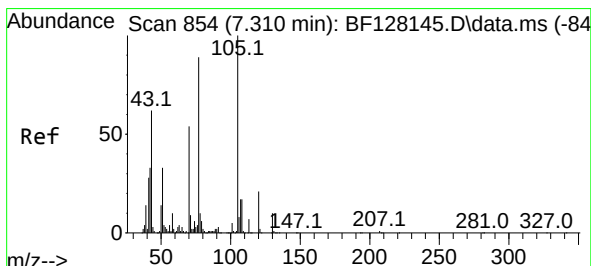
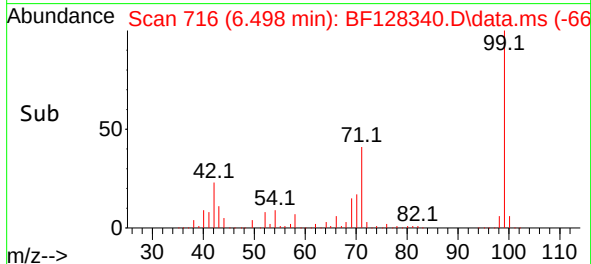
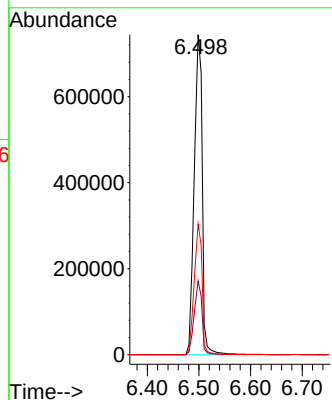
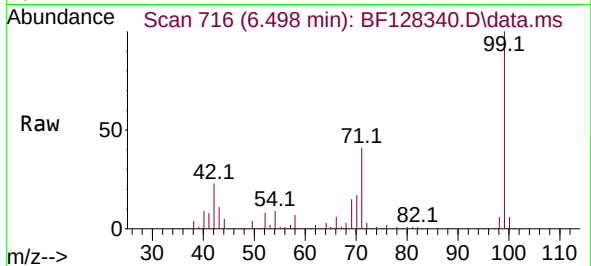




#7
Phenol-d6
Concen: 133.122 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

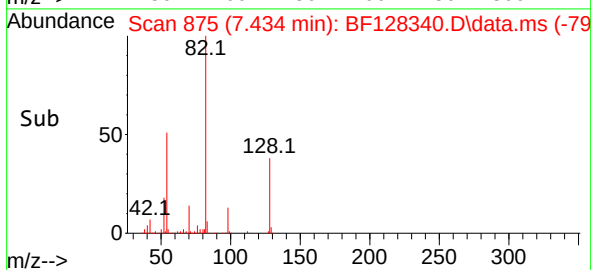
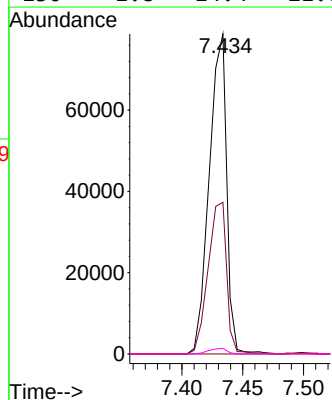
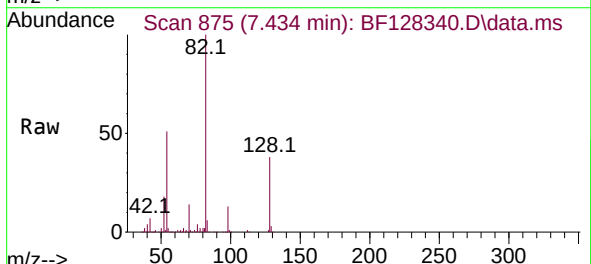
Instrument :
BNA_F
ClientSampleId :
P018-SS001-2430-01

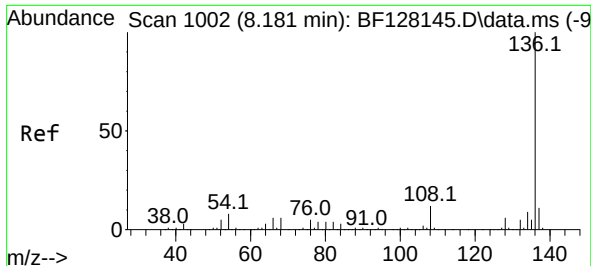
Tgt Ion: 99 Resp: 801481
Ion Ratio Lower Upper
99 100
42 23.1 16.6 24.8
71 40.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.115 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

Tgt Ion: 70 Resp: 78288
Ion Ratio Lower Upper
70 100
42 47.4 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

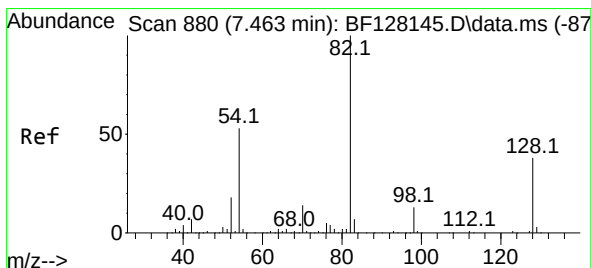
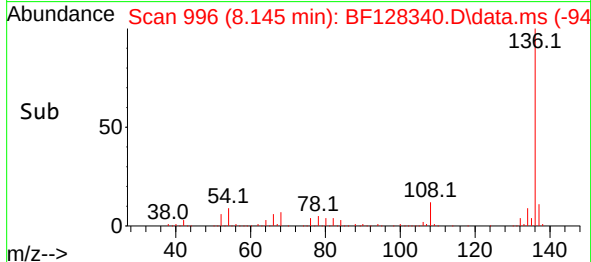
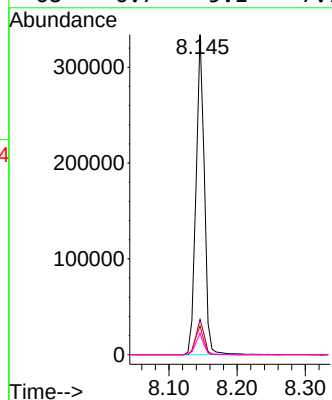
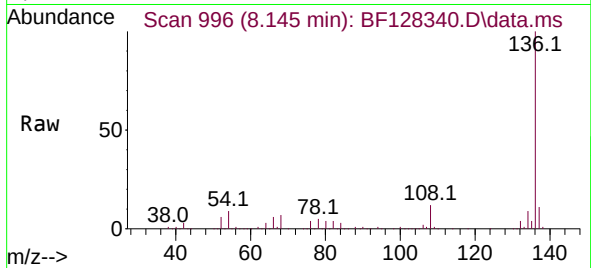




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

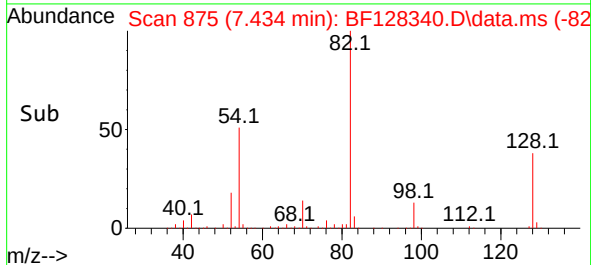
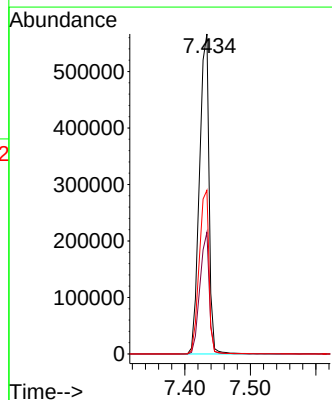
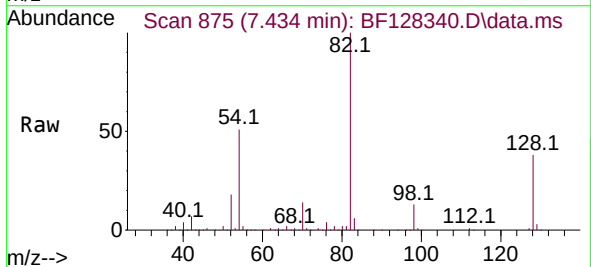
Instrument :
BNA_F
ClientSampleId :
P018-SS001-2430-01

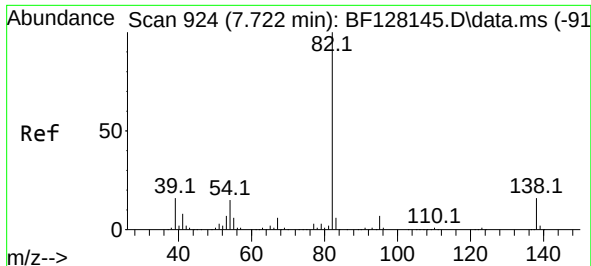
Tgt Ion:	136	Resp:	283172
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.0	6.8	10.2
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 91.866 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

Tgt Ion:	82	Resp:	578128
Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.0	45.0
54	51.1	41.3	61.9

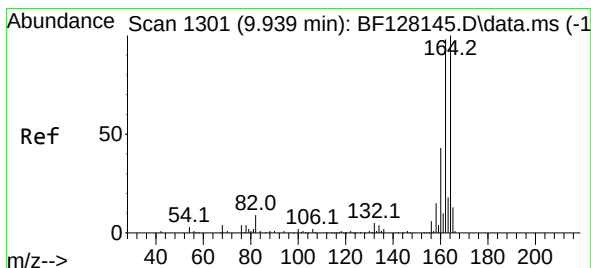
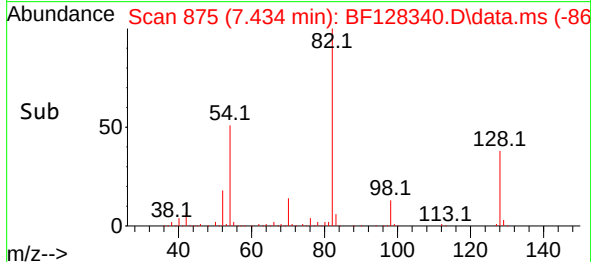
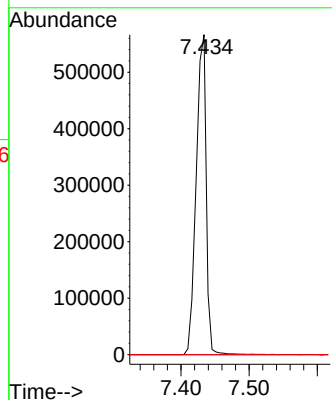
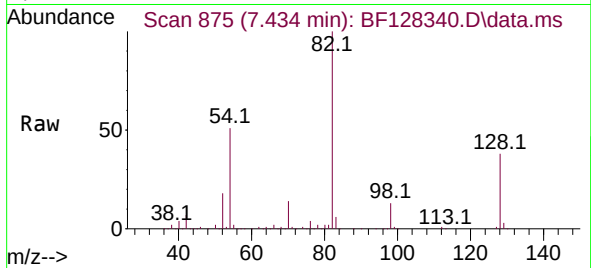




#25
Isophorone
Concen: 58.596 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

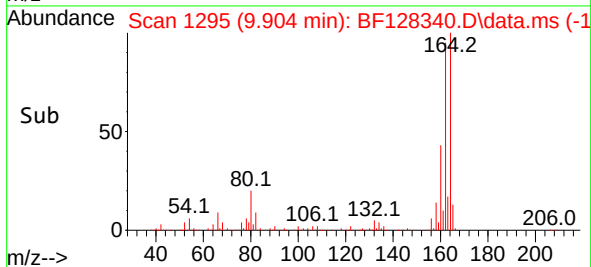
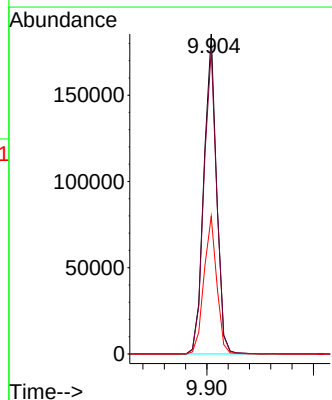
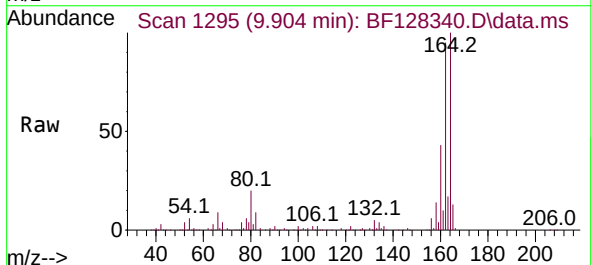
Instrument :
BNA_F
ClientSampleId :
P018-SS001-2430-01

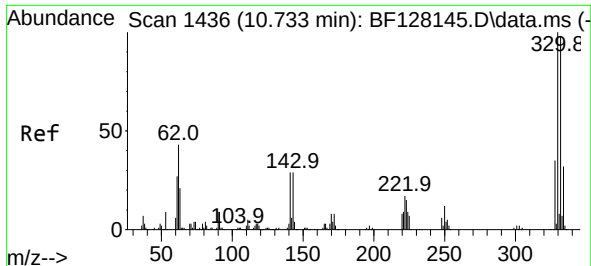
Tgt Ion: 82 Resp: 578123
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

Tgt Ion:164 Resp: 153345
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 120.074 ng

RT: 10.698 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128340.D

Acq: 19 May 2022 16:58

Instrument :

BNA_F

ClientSampleId :

P018-SS001-2430-01

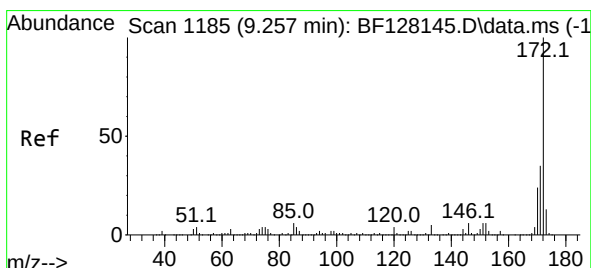
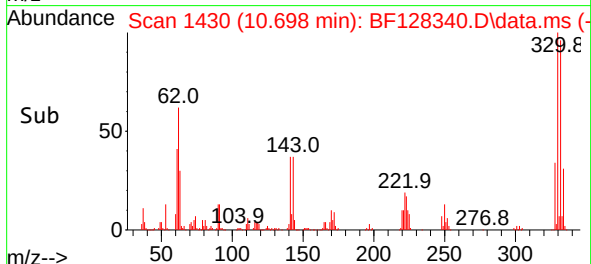
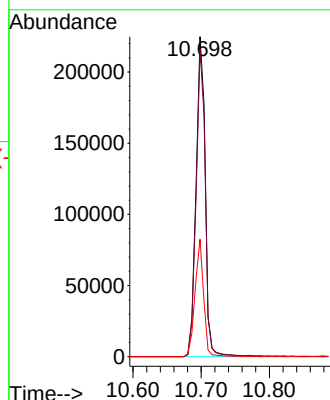
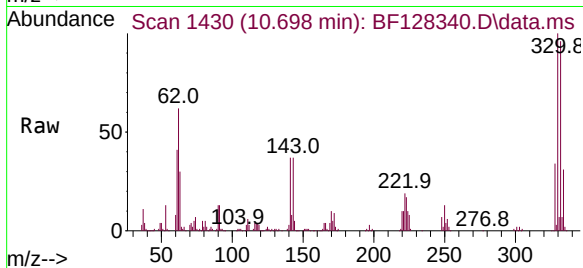
Tgt Ion:330 Resp: 211171

Ion Ratio Lower Upper

330 100

332 95.5 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 82.437 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128340.D

Acq: 19 May 2022 16:58

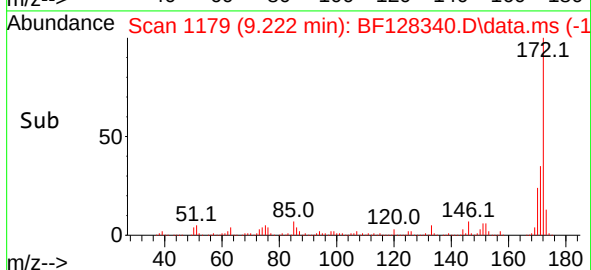
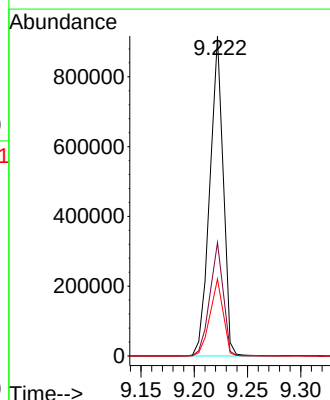
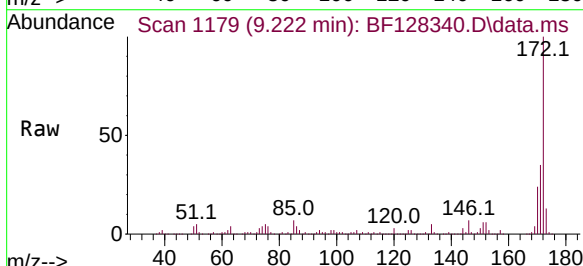
Tgt Ion:172 Resp: 807908

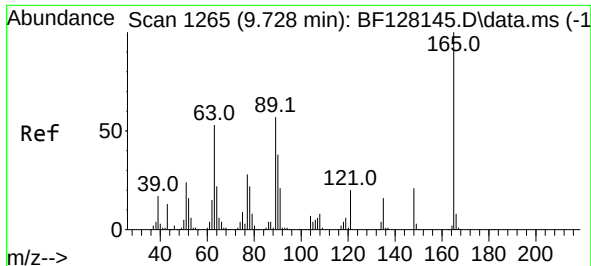
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 24.1 19.1 28.7

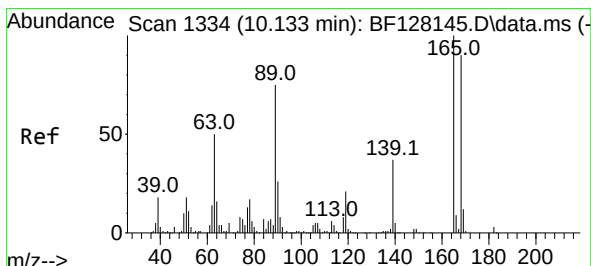
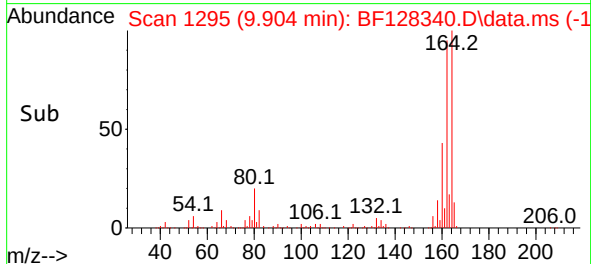
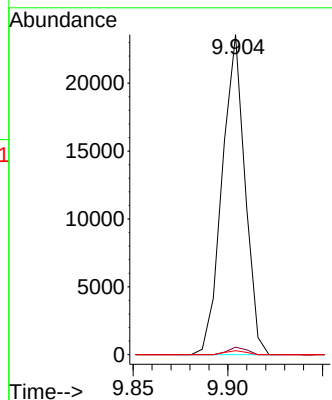
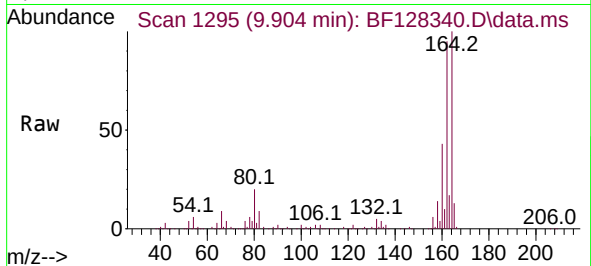




#51
2,6-Dinitrotoluene
Concen: 9.107 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

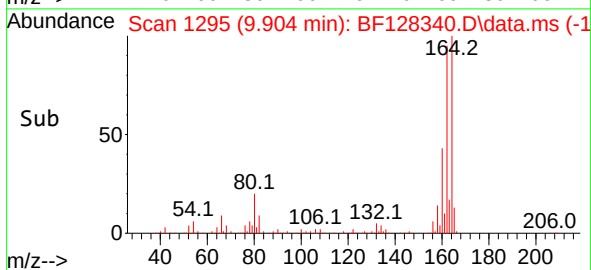
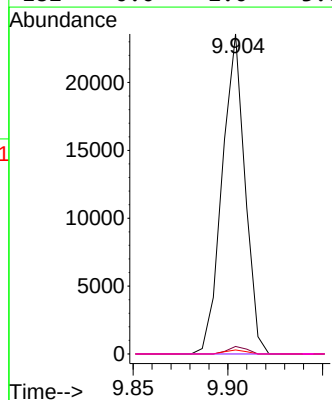
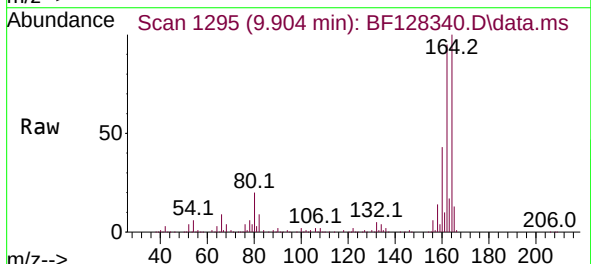
Instrument :
BNA_F
ClientSampleId :
P018-SS001-2430-01

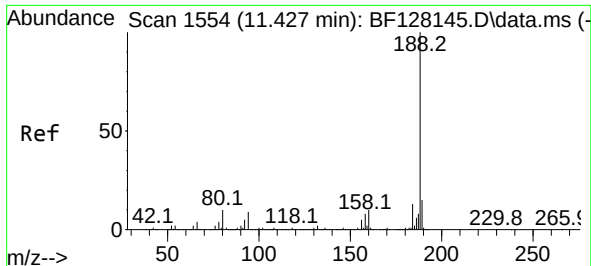
Tgt Ion:165 Resp: 19768
Ion Ratio Lower Upper
165 100
63 2.4 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.810 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.212 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

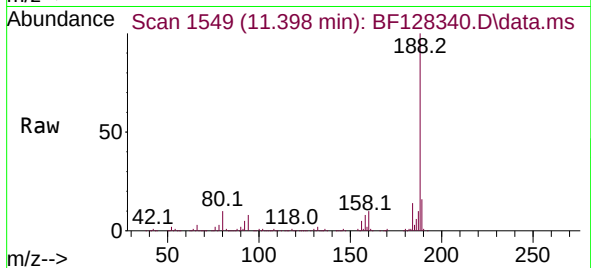
Tgt Ion:165 Resp: 19768
Ion Ratio Lower Upper
165 100
63 2.4 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#



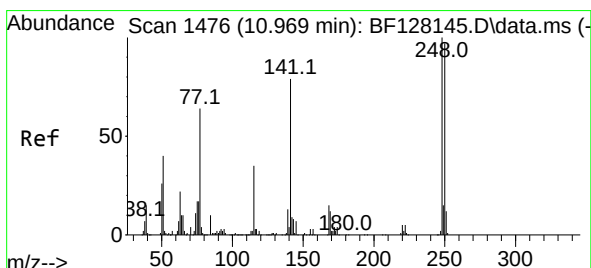
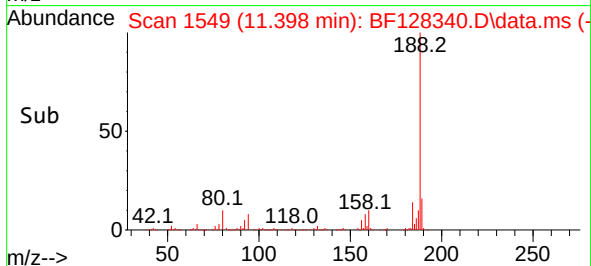
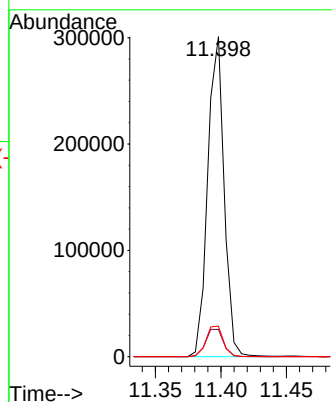


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

Instrument :
BNA_F
ClientSampleId :
P018-SS001-2430-01

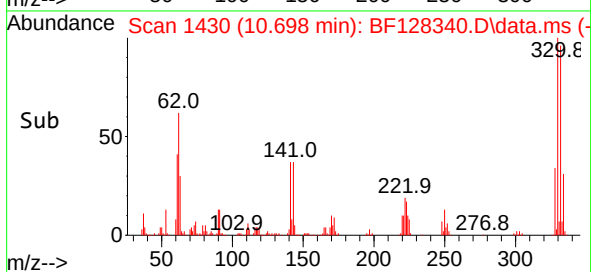
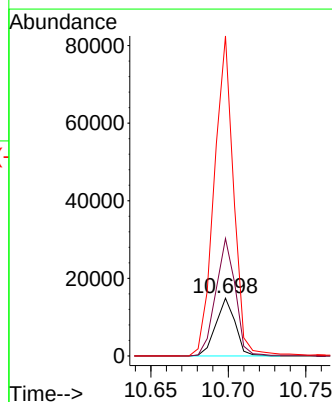
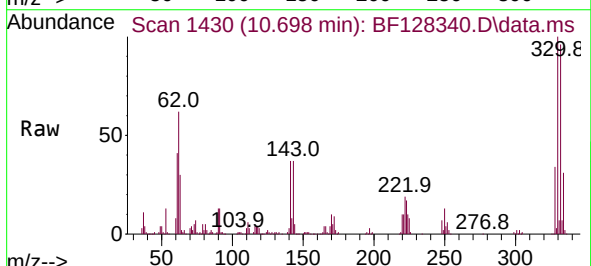


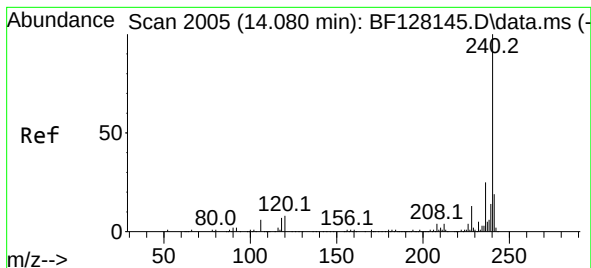
Tgt Ion:188 Resp: 262190
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.594 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128340.D
Acq: 19 May 2022 16:58

Tgt Ion:248 Resp: 12959
Ion Ratio Lower Upper
248 100
250 203.1 77.7 116.5#
141 553.2 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.012 min

Lab File: BF128340.D

Acq: 19 May 2022 16:58

Instrument :

BNA_F

ClientSampleId :

P018-SS001-2430-01

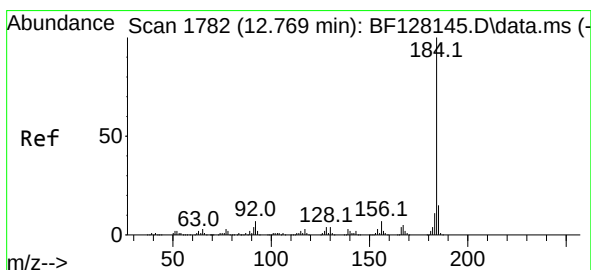
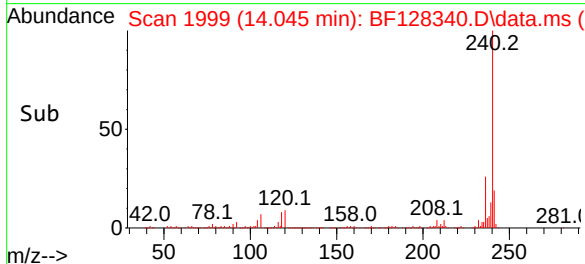
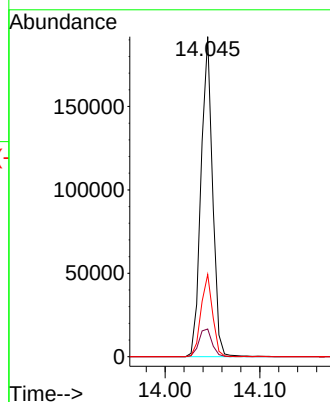
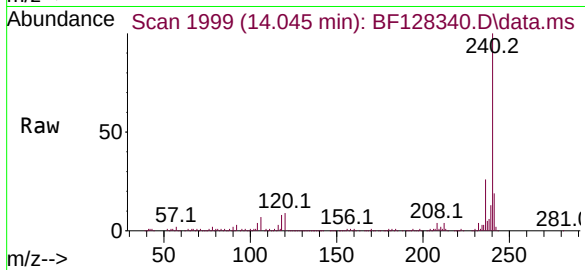
Tgt Ion:240 Resp: 162519

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

236 25.7 20.3 30.5



#77

Benzdine

Concen: 3.096 ng

RT: 12.980 min Scan# 1818

Delta R.T. 0.236 min

Lab File: BF128340.D

Acq: 19 May 2022 16:58

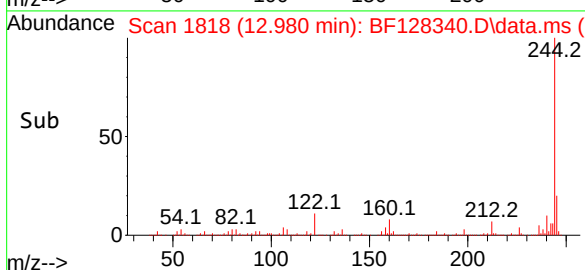
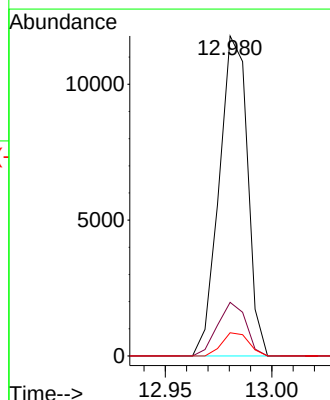
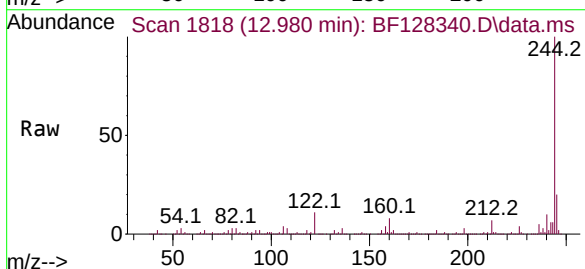
Tgt Ion:184 Resp: 10898

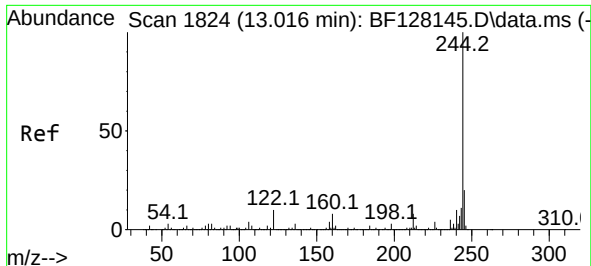
Ion Ratio Lower Upper

184 100

185 16.7 12.1 18.1

183 7.3 9.0 13.4#

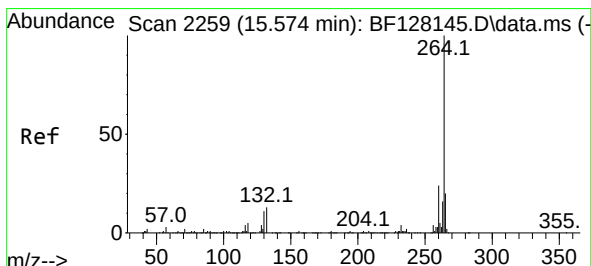
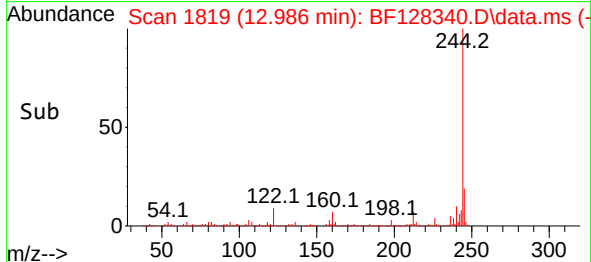
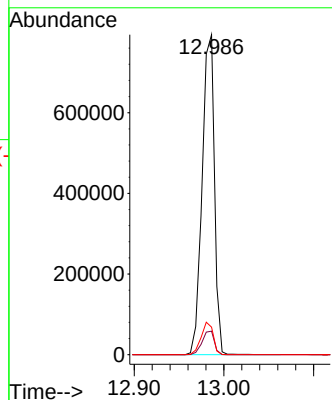
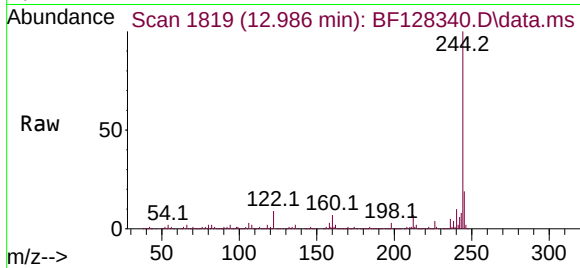




#79
 Terphenyl-d14
 Concen: 87.232 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128340.D
 Acq: 19 May 2022 16:58

Instrument :
 BNA_F
 ClientSampleId :
 P018-SS001-2430-01

Tgt Ion:244 Resp: 755529
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.012 min
 Lab File: BF128340.D
 Acq: 19 May 2022 16:58

Tgt Ion:264 Resp: 173925
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 21.6 17.5 26.3

