

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128192.D
 Acq On : 11 May 2022 13:52
 Operator : CG\JU
 Sample : PB144720BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144720BL

Quant Time: May 12 05:59:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

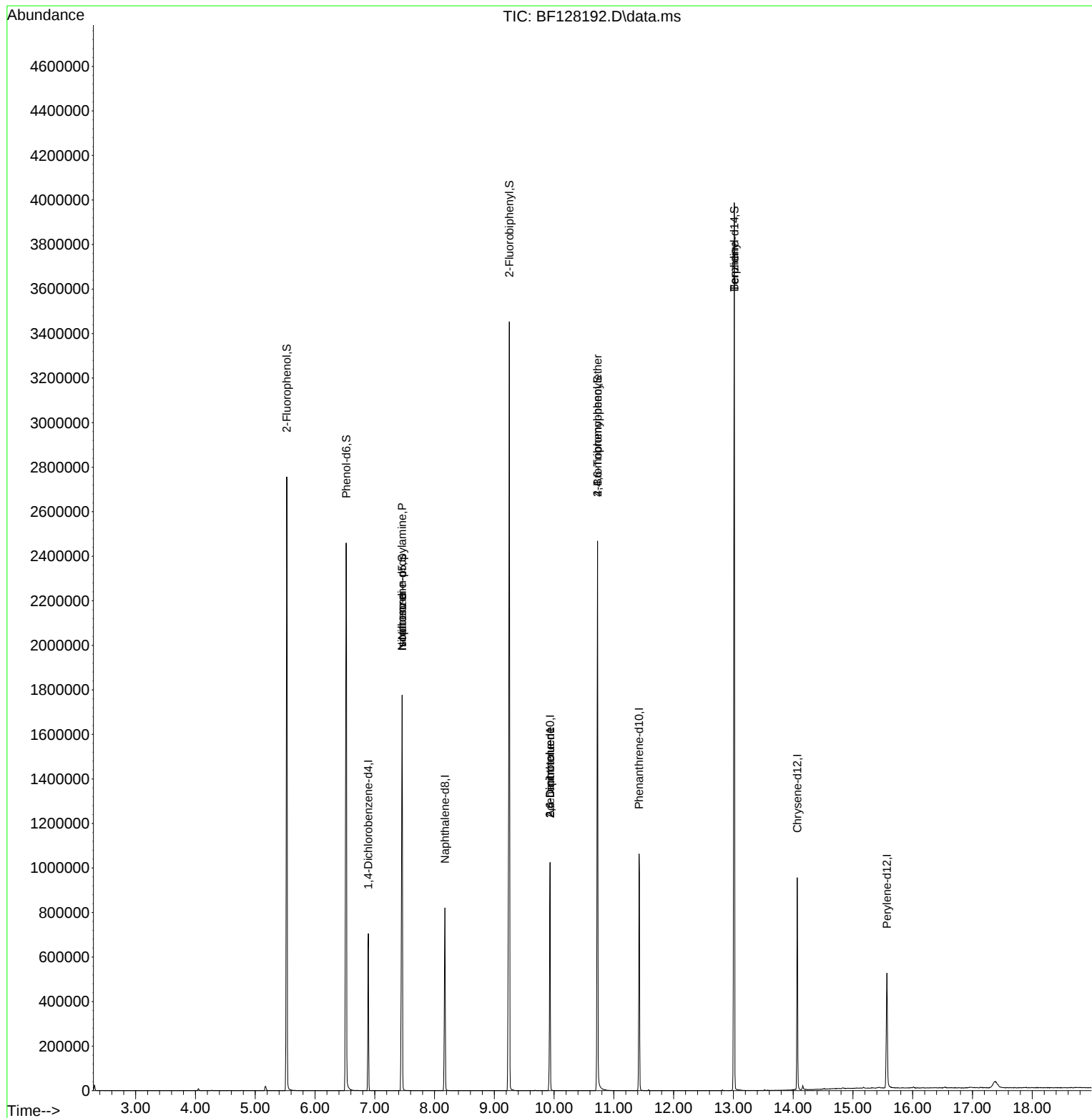
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	99610	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	387012	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	223744	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	415074	20.000	ng	0.00
76) Chrysene-d12	14.068	240	320429	20.000	ng	-0.01
86) Perylene-d12	15.568	264	261152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	758431	121.378	ng	0.01
7) Phenol-d6	6.522	99	999275	120.910	ng	0.00
23) Nitrobenzene-d5	7.457	82	724866	84.278	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	301855	117.633	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1208565	84.518	ng	0.00
79) Terphenyl-d14	13.016	244	1455110	85.211	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1843	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	98267	19.308	ng	# 80
25) Isophorone	7.457	82	721382	53.498	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	28433	8.977	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	28433	6.714	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	18041	4.040	ng	# 1
77) Benzidine	13.016	184	20521	2.957	ng	# 92

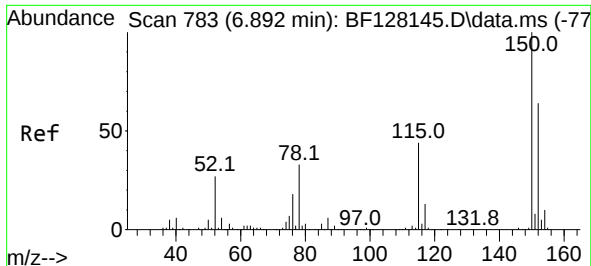
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128192.D
Acq On : 11 May 2022 13:52
Operator : CG\JU
Sample : PB144720BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB144720BL

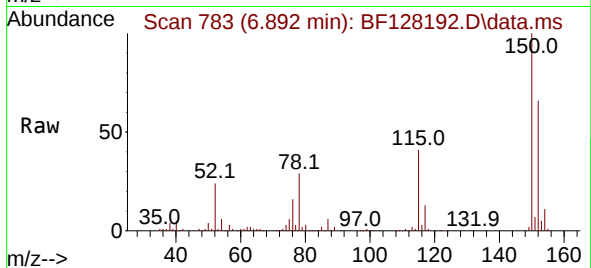
Quant Time: May 12 05:59:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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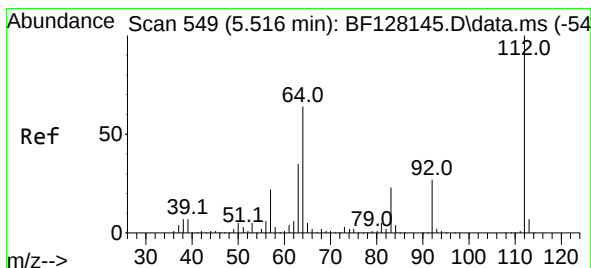
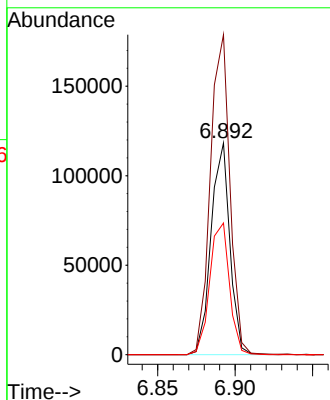
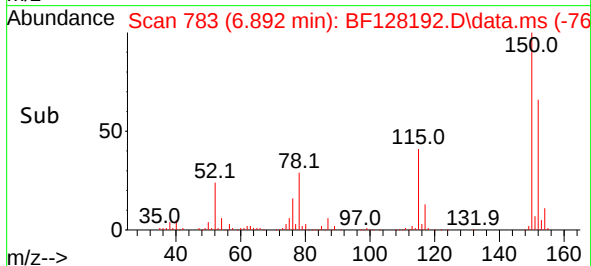


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

Instrument :
BNA_F
ClientSampleId :
PB144720BL

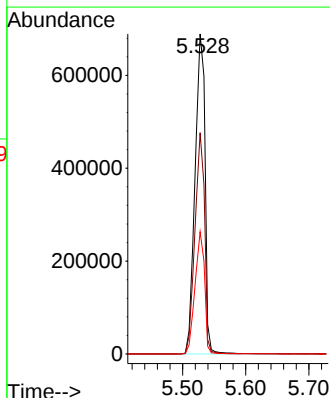
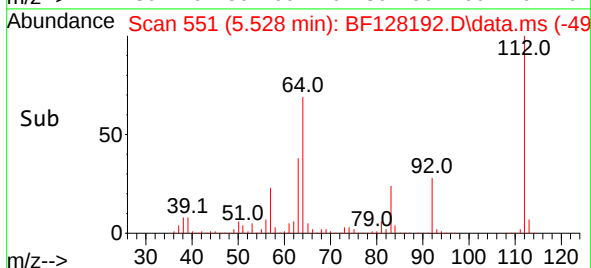
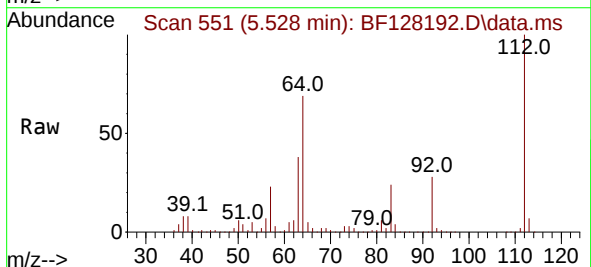


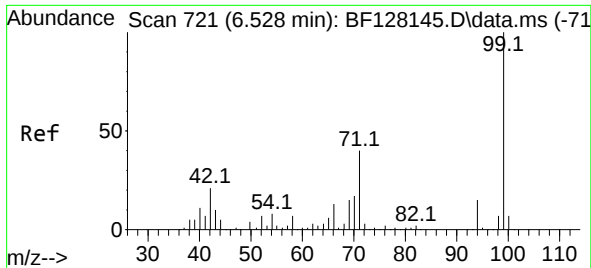
Tgt Ion:152 Resp: 99610
Ion Ratio Lower Upper
152 100
150 151.1 125.3 187.9
115 62.2 48.8 73.2



#5
2-Fluorophenol
Concen: 121.378 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

Tgt Ion:112 Resp: 758431
Ion Ratio Lower Upper
112 100
64 69.2 49.5 74.3
63 38.2 26.3 39.5

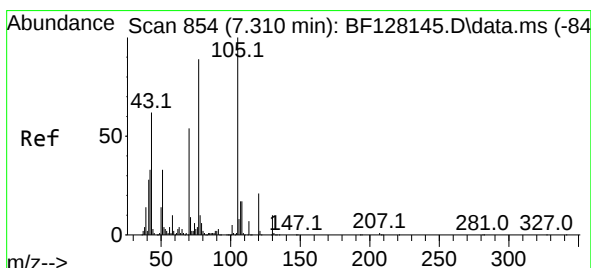
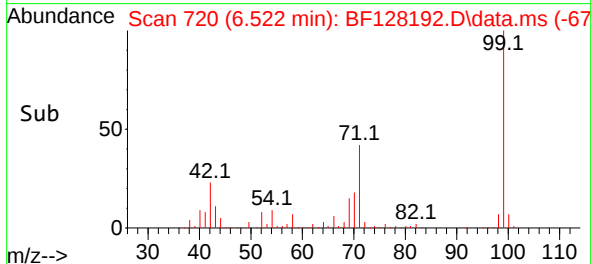
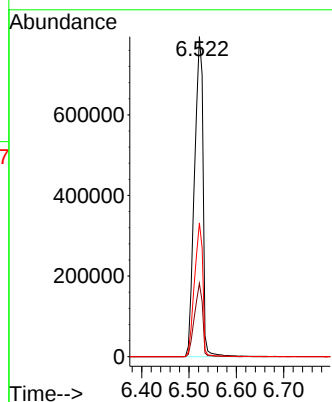
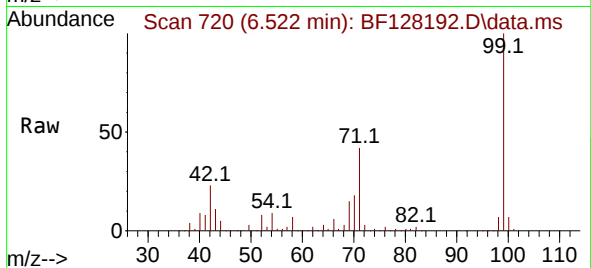




#7
Phenol-d6
Concen: 120.910 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

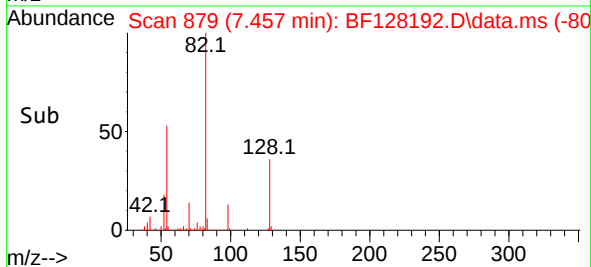
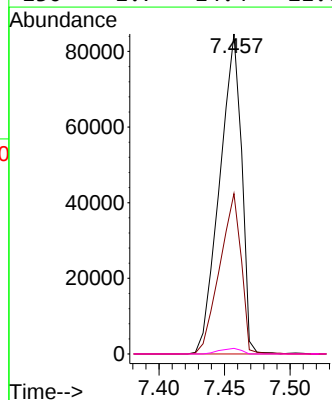
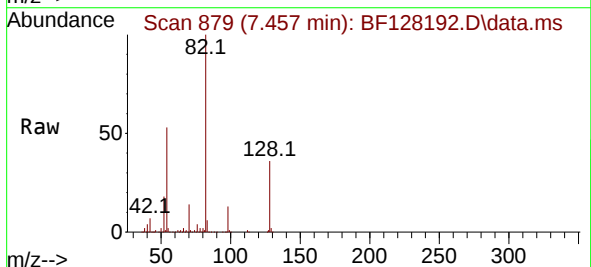
Instrument :
BNA_F
ClientSampleId :
PB144720BL

Tgt Ion: 99 Resp: 999275
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 41.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.308 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

Tgt Ion: 70 Resp: 98267
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

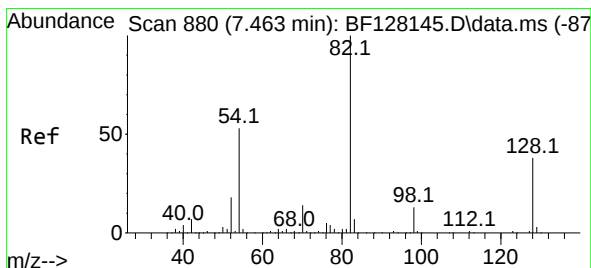
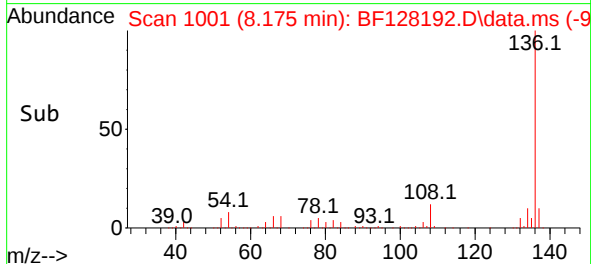
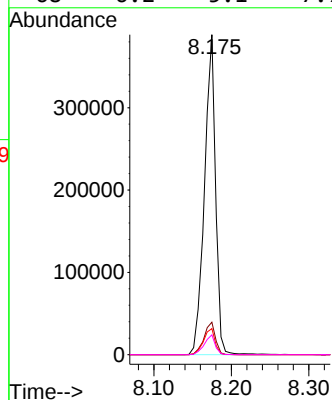
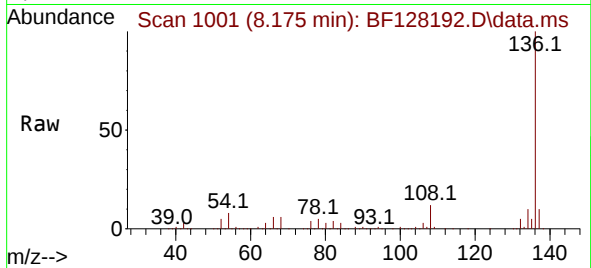




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

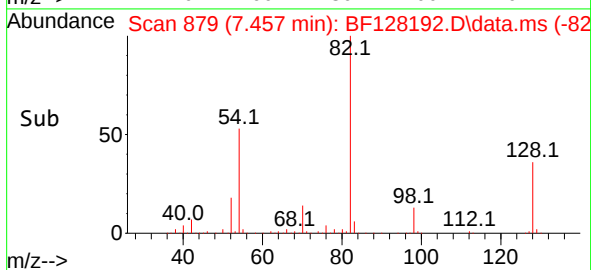
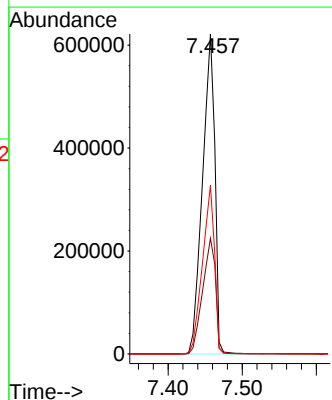
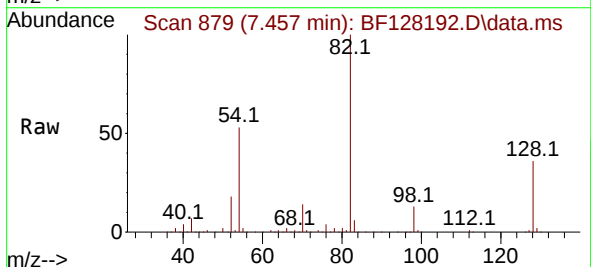
Instrument :
BNA_F
ClientSampleId :
PB144720BL

Tgt Ion:136 Resp: 387012
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 8.1 6.8 10.2
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 84.278 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

Tgt Ion: 82 Resp: 724866
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 52.7 41.3 61.9

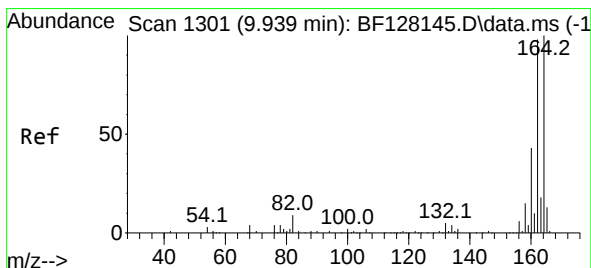
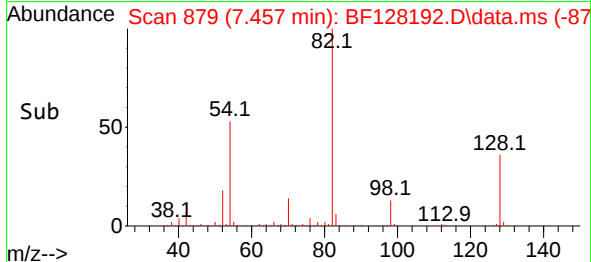
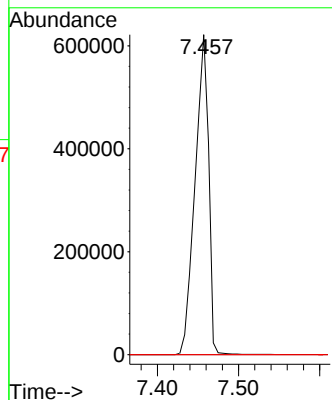
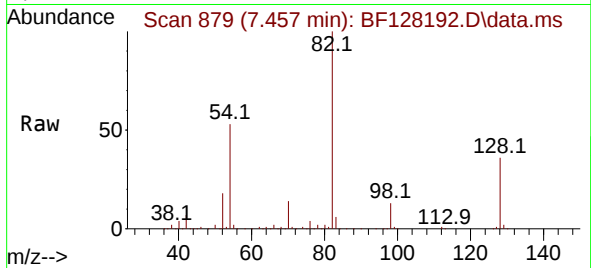




#25
Isophorone
Concen: 53.498 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

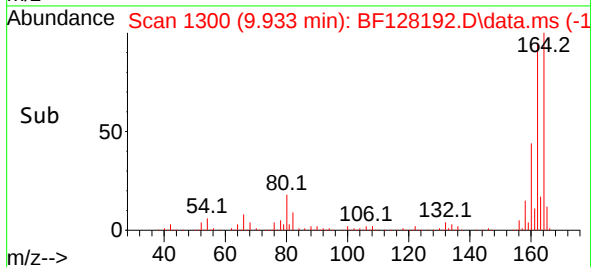
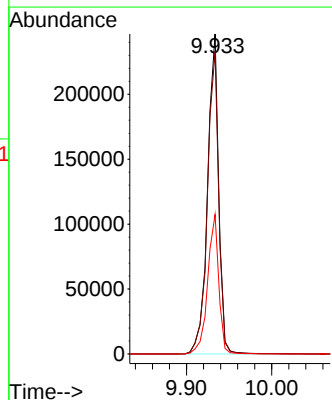
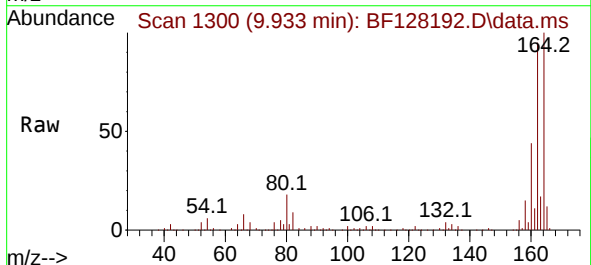
Instrument :
BNA_F
ClientSampleId :
PB144720BL

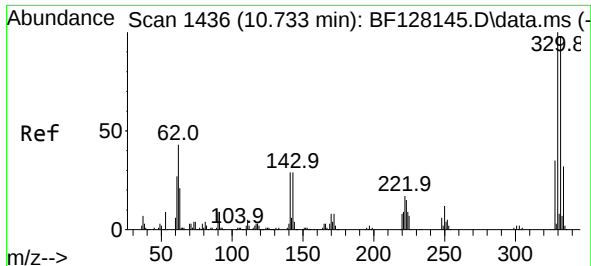
Tgt Ion: 82 Resp: 721382
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

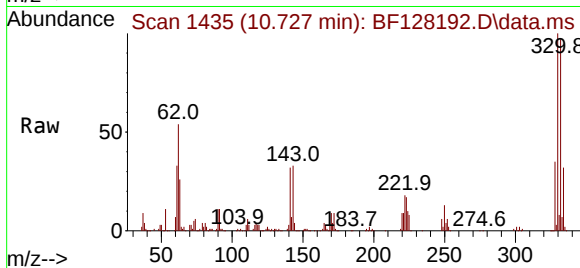
Tgt Ion: 164 Resp: 223744
Ion Ratio Lower Upper
164 100
162 94.5 76.0 114.0
160 43.6 34.8 52.2



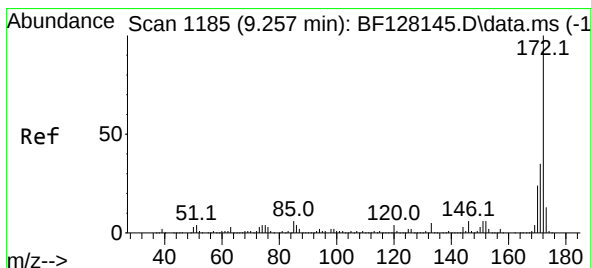
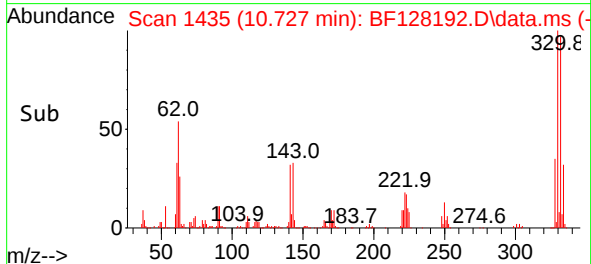
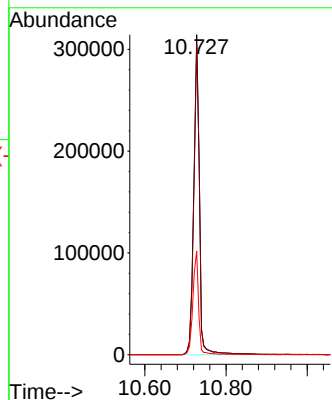


#42
2,4,6-Tribromophenol
Concen: 117.633 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

Instrument :
BNA_F
ClientSampleId :
PB144720BL

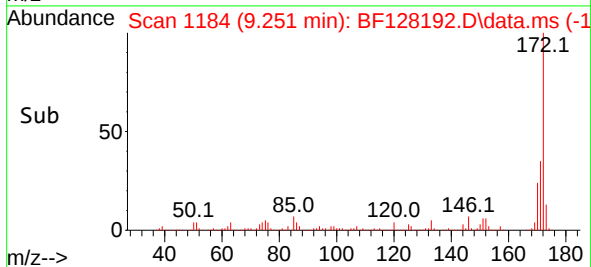
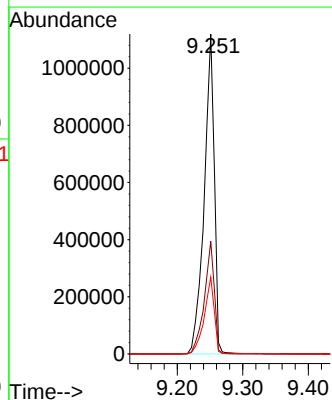
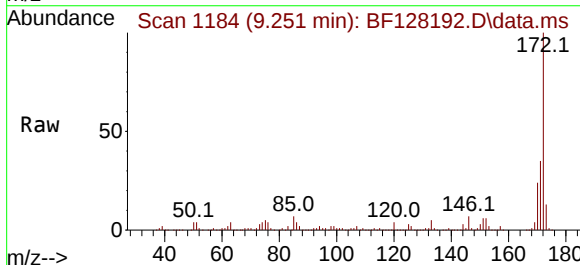


Tgt Ion:330 Resp: 301855
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 33.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 84.518 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

Tgt Ion:172 Resp: 1208565
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.1 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.977 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128192.D

Acq: 11 May 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB144720BL

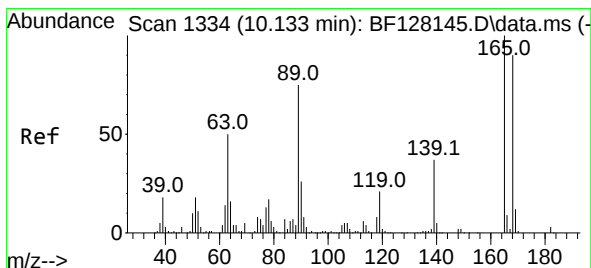
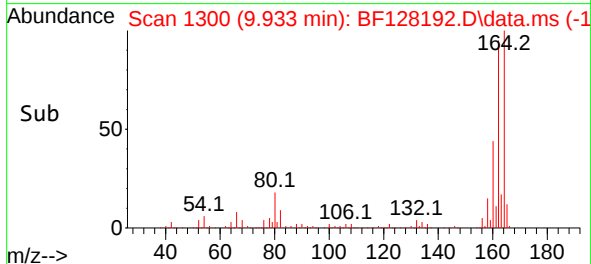
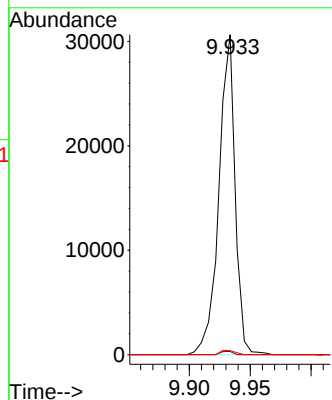
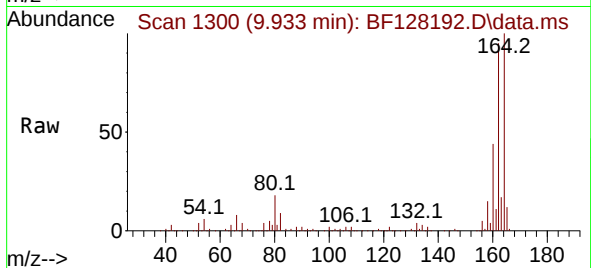
Tgt Ion:165 Resp: 28433

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.714 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128192.D

Acq: 11 May 2022 13:52

Tgt Ion:165 Resp: 28433

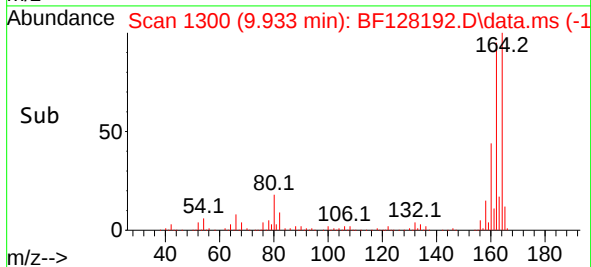
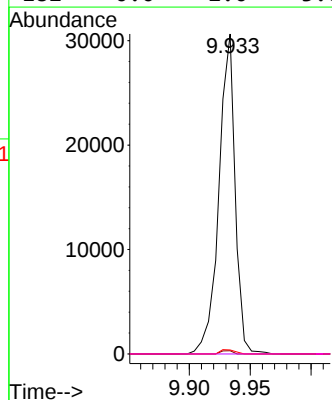
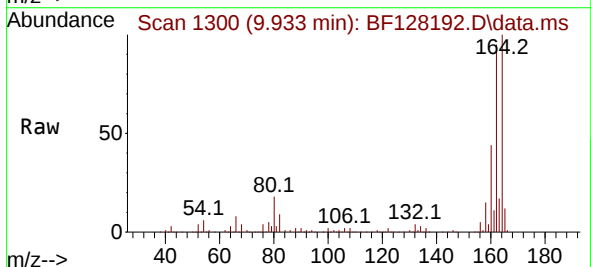
Ion Ratio Lower Upper

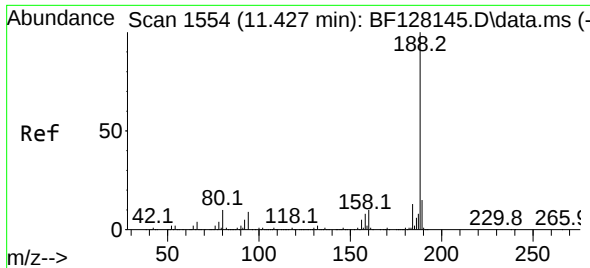
165 100

63 1.0 32.6 49.0#

89 1.2 55.2 82.8#

182 0.0 2.0 3.0#

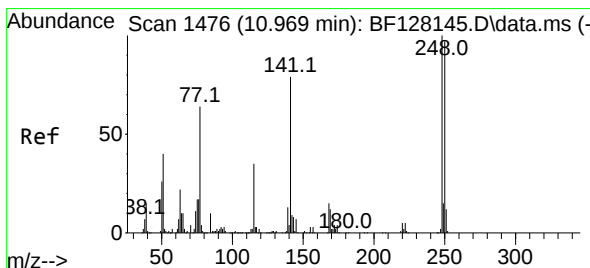
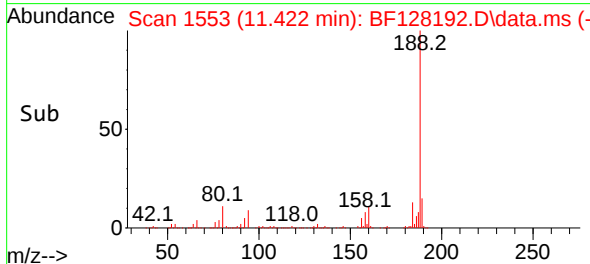
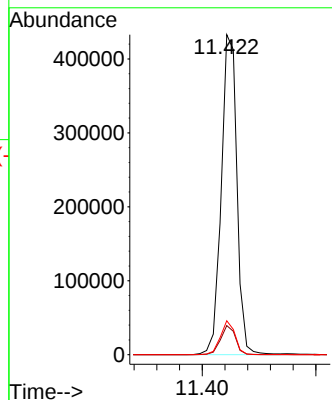
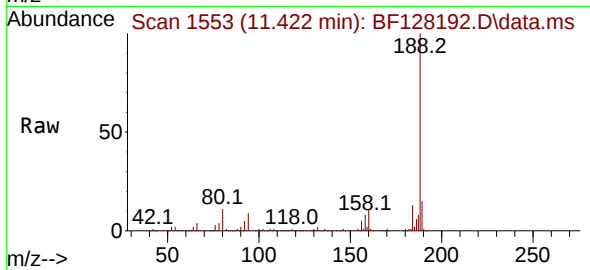




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

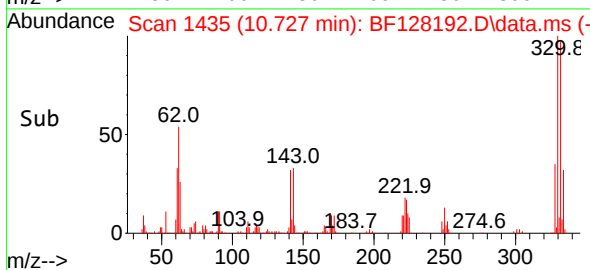
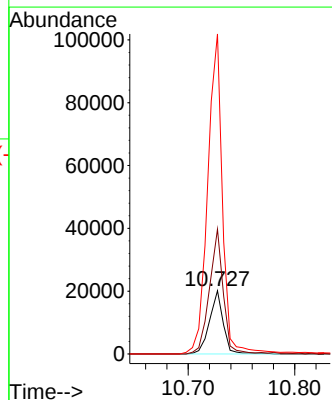
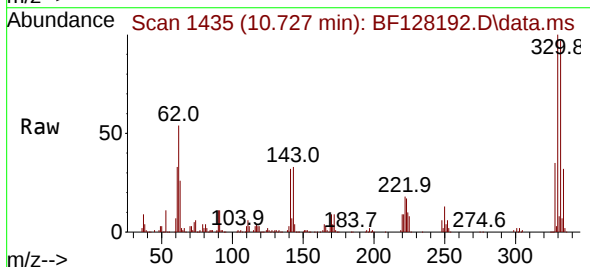
Instrument :
BNA_F
ClientSampleId :
PB144720BL

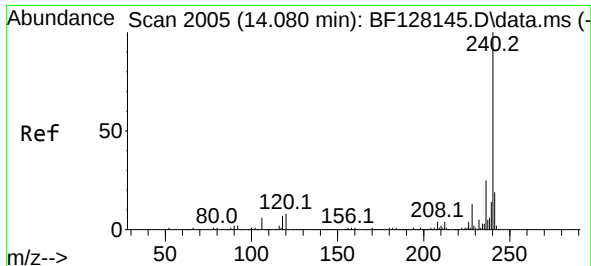
Tgt Ion:188 Resp: 415074
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.040 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

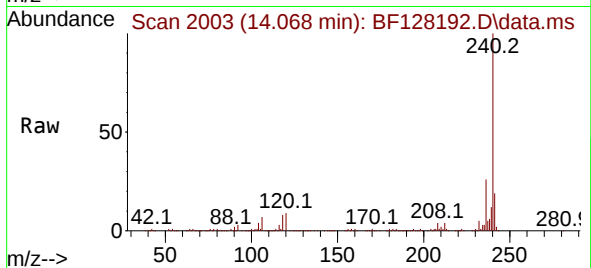
Tgt Ion:248 Resp: 18041
Ion Ratio Lower Upper
248 100
250 197.5 77.7 116.5#
141 506.5 65.6 98.4#



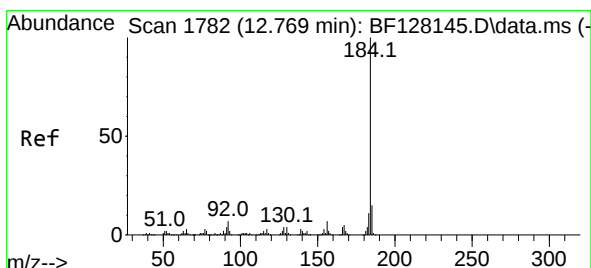
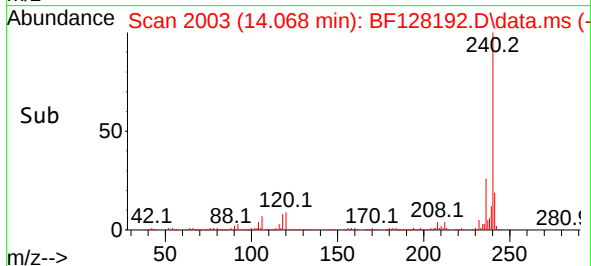
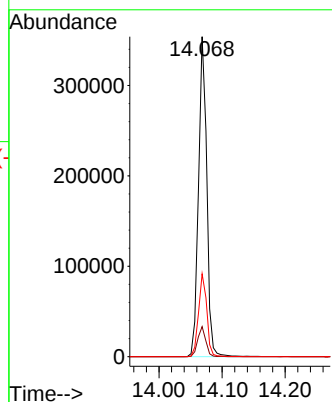


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

Instrument :
BNA_F
ClientSampleId :
PB144720BL

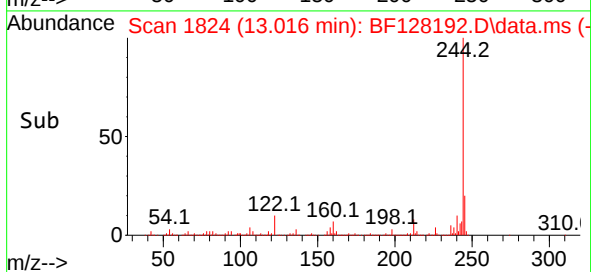
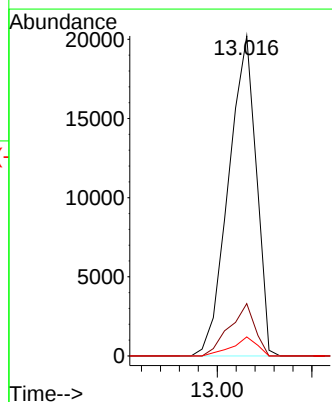
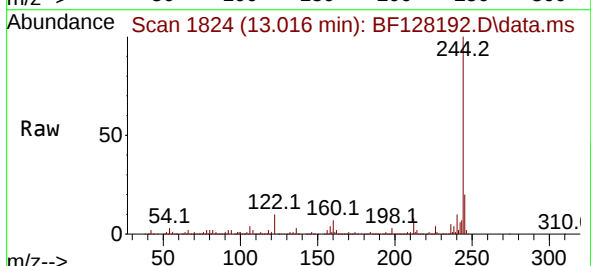


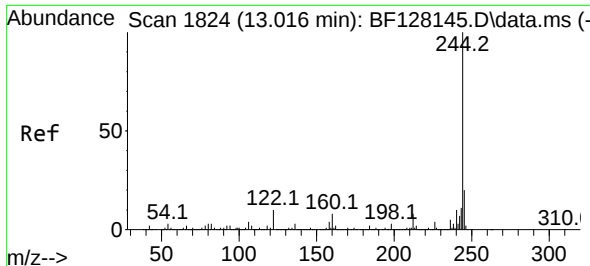
Tgt Ion:240 Resp: 320429
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 2.957 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128192.D
Acq: 11 May 2022 13:52

Tgt Ion:184 Resp: 20521
Ion Ratio Lower Upper
184 100
185 16.4 12.1 18.1
183 6.0 9.0 13.4#

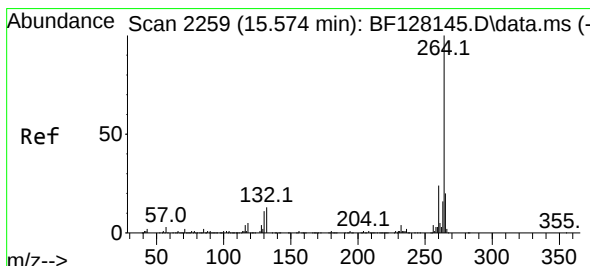
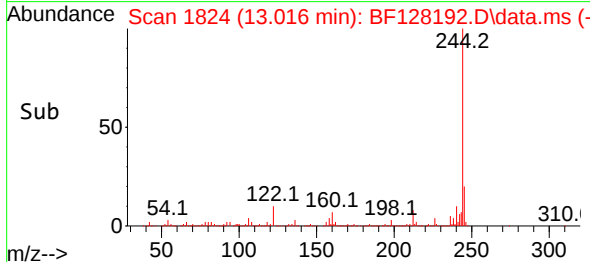
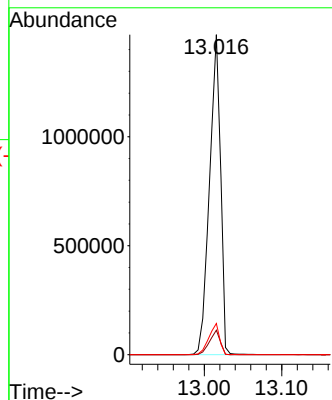
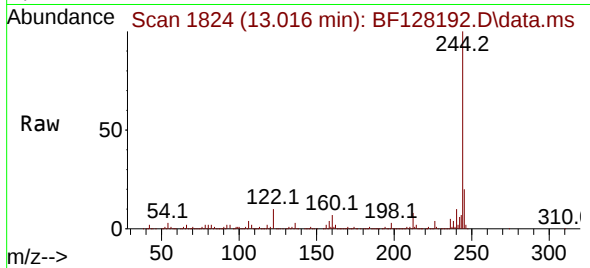




#79
 Terphenyl-d14
 Concen: 85.211 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF128192.D
 Acq: 11 May 2022 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB144720BL

Tgt Ion:244 Resp: 1455110
 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: 15.568 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF128192.D
 Acq: 11 May 2022 13:52

Tgt Ion:264 Resp: 261152
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.6 17.5 26.3

