

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128233.D
 Acq On : 13 May 2022 11:17
 Operator : CG\JU
 Sample : PB144784BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144784BL

Quant Time: May 14 00:55:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

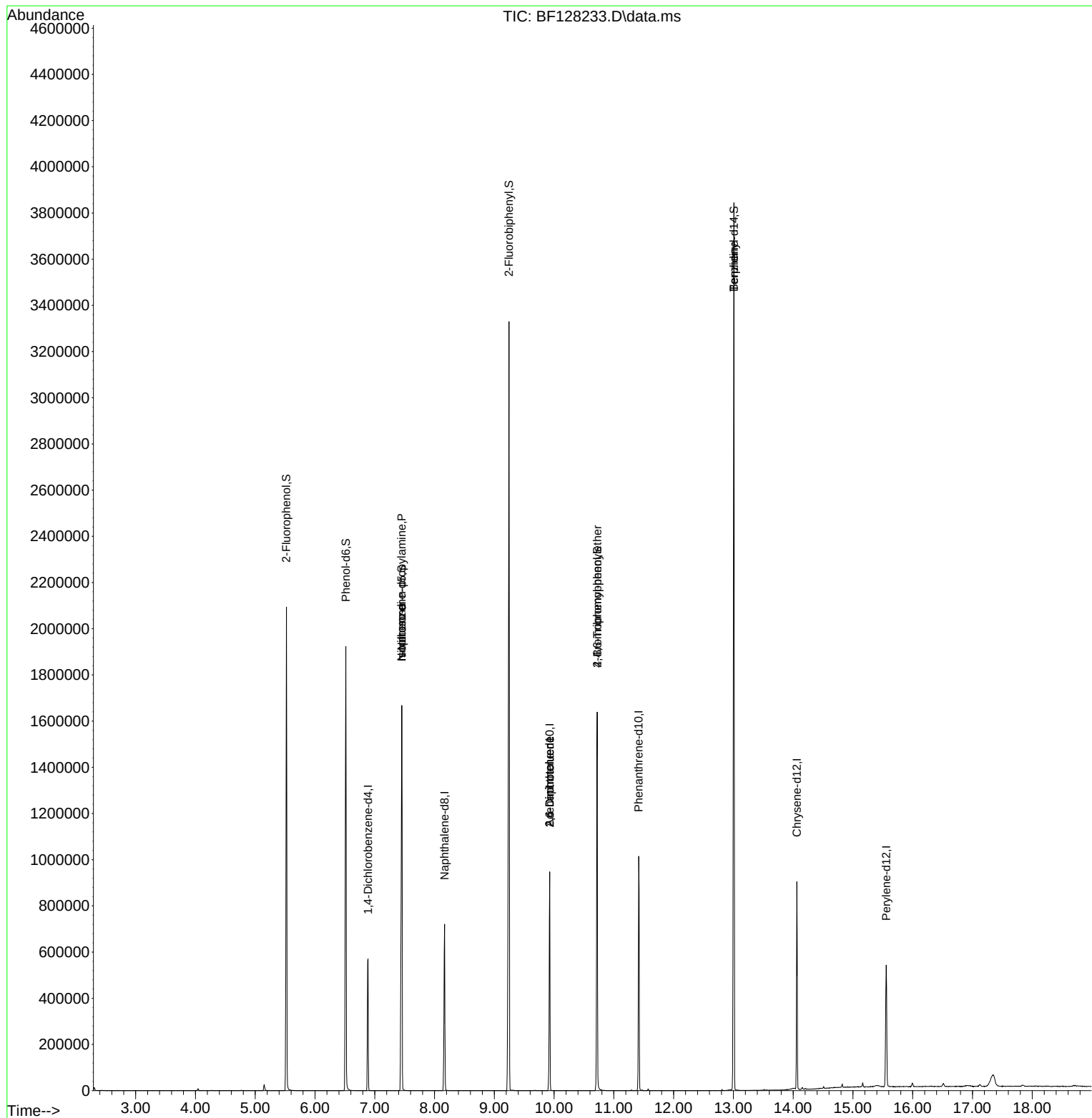
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	84602	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	346020	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	202050	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	372423	20.000	ng	0.00
76) Chrysene-d12	14.063	240	296999	20.000	ng	0.00
86) Perylene-d12	15.557	264	231318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	505902	95.326	ng	0.01
7) Phenol-d6	6.516	99	645197	91.916	ng	-0.01
23) Nitrobenzene-d5	7.451	82	692696	90.079	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	202154	87.238	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1130155	87.520	ng	0.00
79) Terphenyl-d14	13.010	244	1394557	88.107	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	1140	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.451	70	93878	21.717	ng	# 80
25) Isophorone	7.451	82	690325	57.260	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	25791	9.017	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	25791	6.744	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	12085	3.016	ng	# 1
77) Benizidine	13.010	184	20821	3.237	ng	# 92

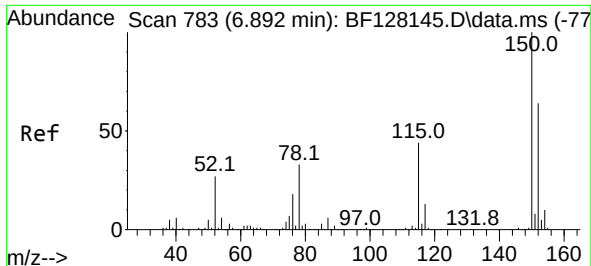
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 14 00:55:10 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration

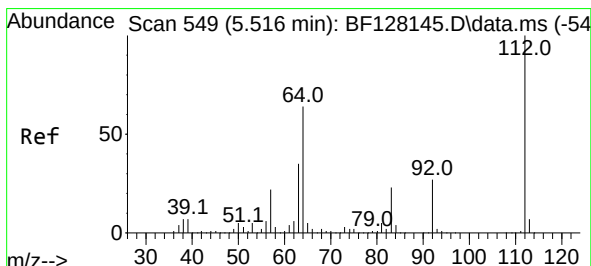
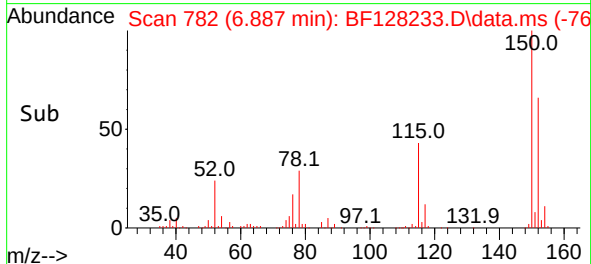
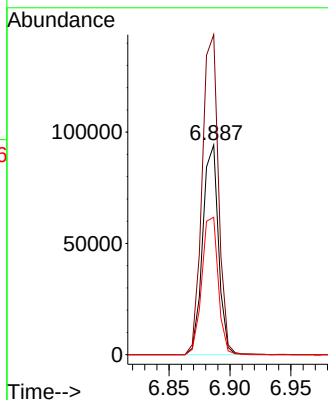
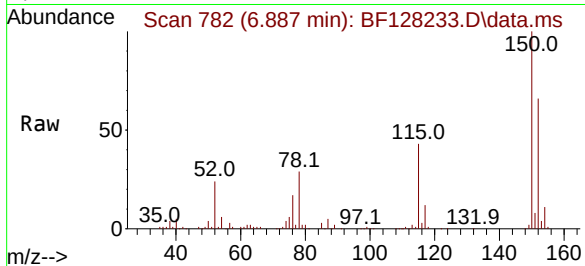




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128233.D
 Acq: 13 May 2022 11:17

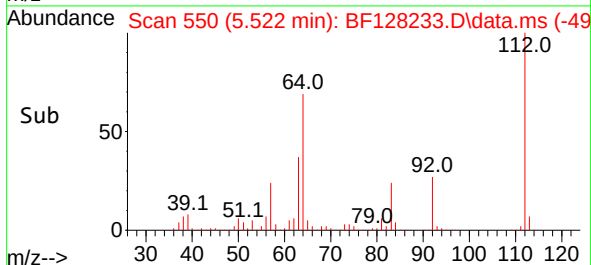
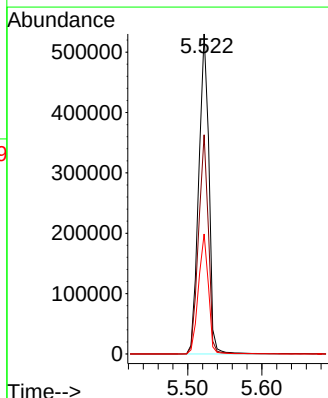
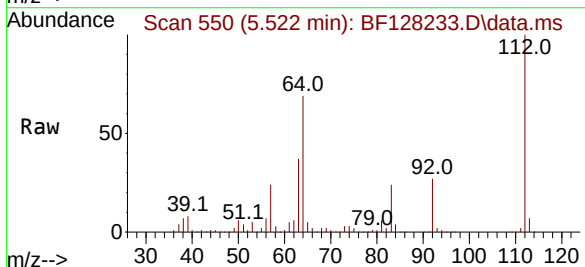
Instrument :
 BNA_F
 ClientSampleId :
 PB144784BL

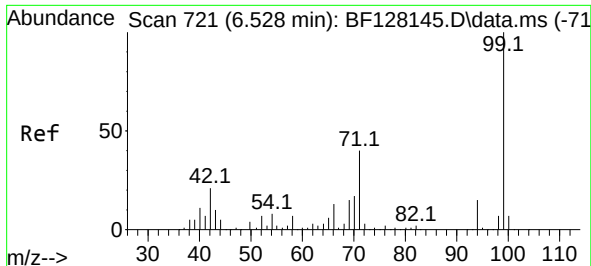
Tgt Ion:152 Resp: 84602
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.3 187.9
 115 65.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 95.326 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.012 min
 Lab File: BF128233.D
 Acq: 13 May 2022 11:17

Tgt Ion:112 Resp: 505902
 Ion Ratio Lower Upper
 112 100
 64 68.5 49.5 74.3
 63 37.5 26.3 39.5

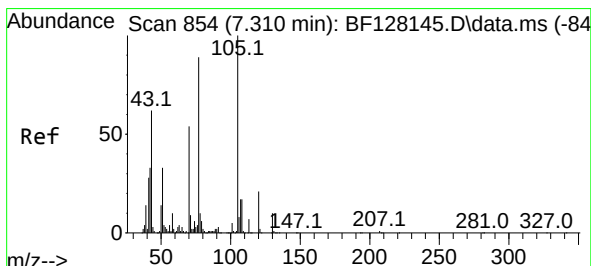
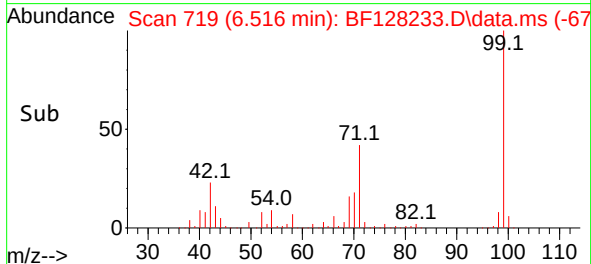
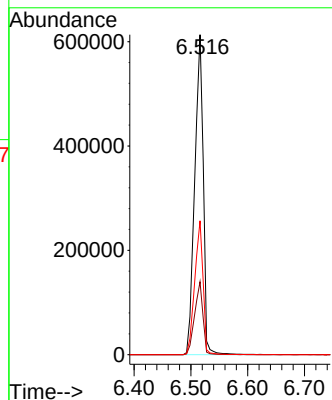
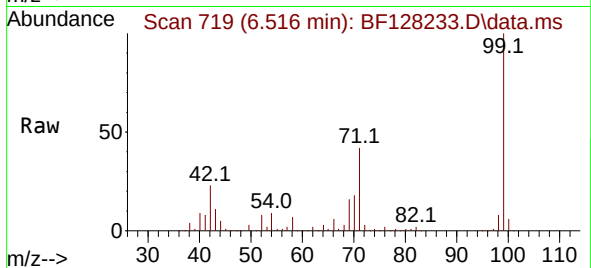




#7
Phenol-d6
Concen: 91.916 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

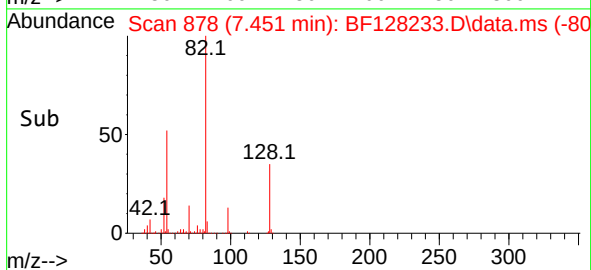
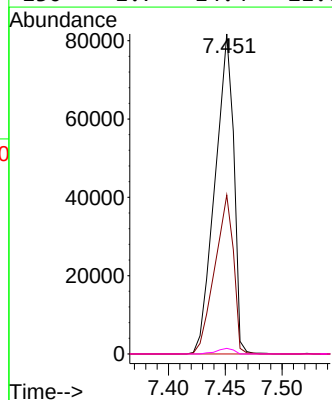
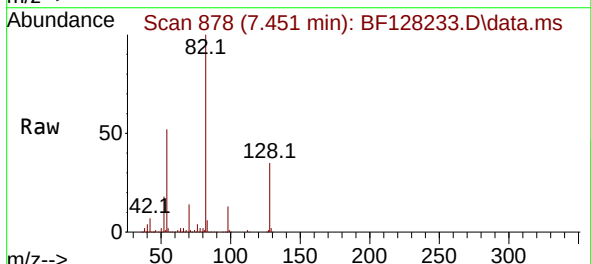
Instrument :
BNA_F
ClientSampleId :
PB144784BL

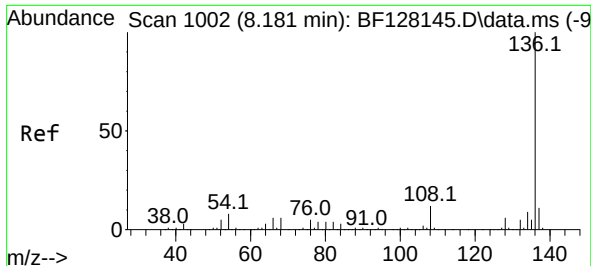
Tgt Ion: 99 Resp: 645197
Ion Ratio Lower Upper
99 100
42 22.8 16.6 24.8
71 41.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.717 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

Tgt Ion: 70 Resp: 93878
Ion Ratio Lower Upper
70 100
42 49.7 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

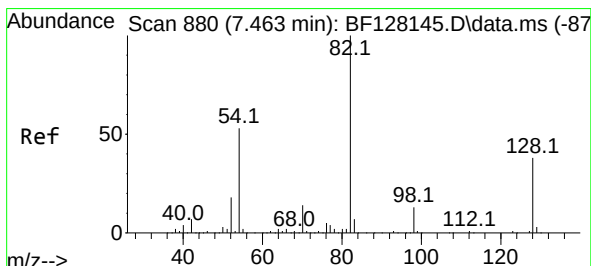
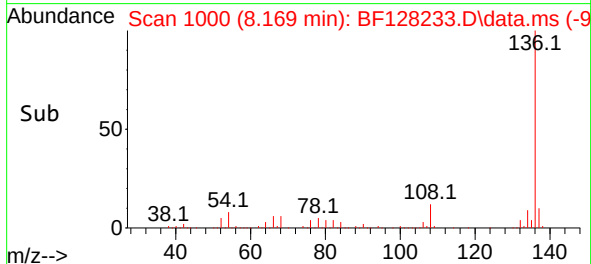
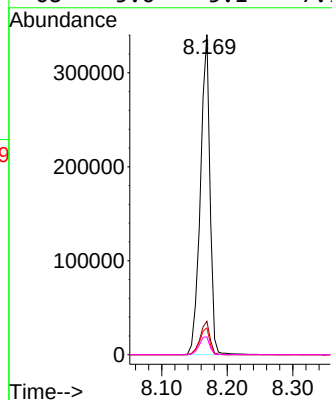
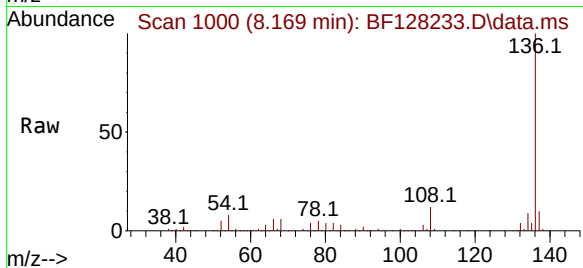




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

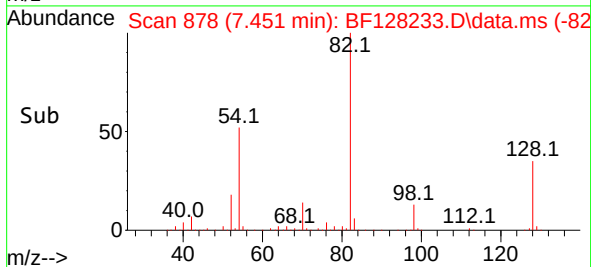
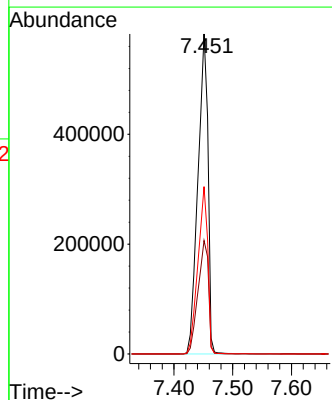
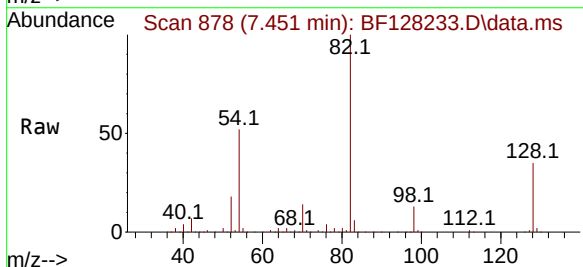
Instrument :
BNA_F
ClientSampleId :
PB144784BL

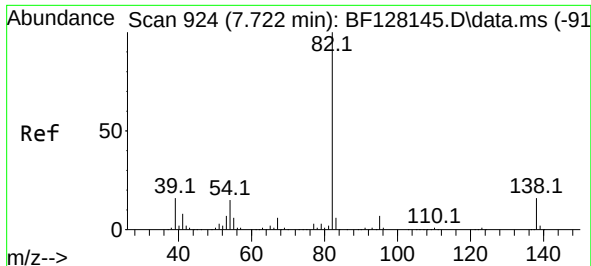
Tgt Ion:136	Resp: 346020
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 13.0
54 8.3	6.8 10.2
68 5.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 90.079 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

Tgt Ion: 82	Resp: 692696
Ion Ratio	Lower Upper
82 100	
128 35.4	30.0 45.0
54 52.3	41.3 61.9

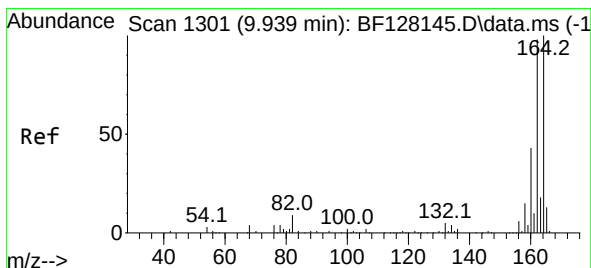
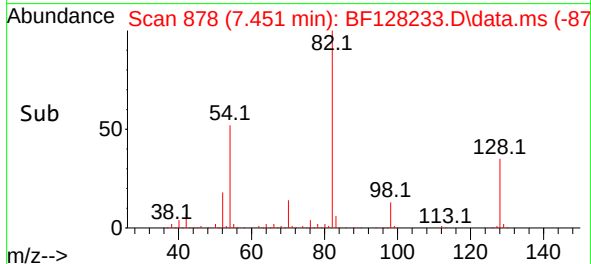
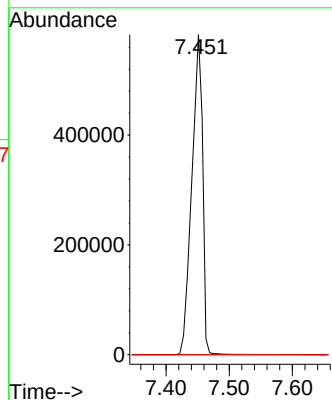
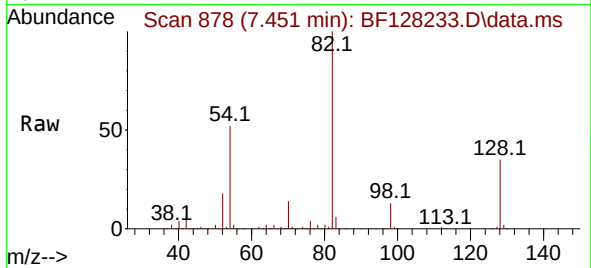




#25
Isophorone
Concen: 57.260 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

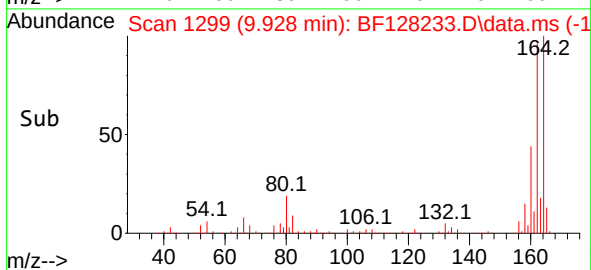
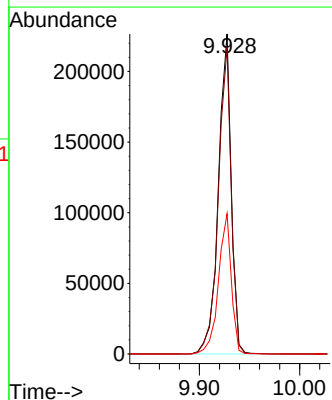
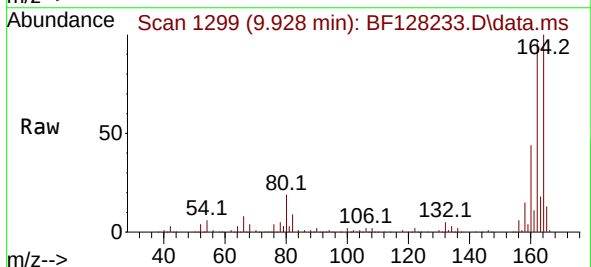
Instrument :
BNA_F
ClientSampleId :
PB144784BL

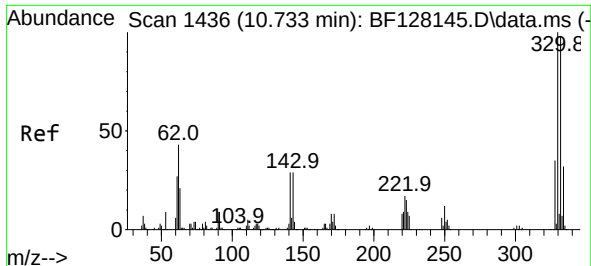
Tgt Ion: 82 Resp: 690325
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

Tgt Ion:164 Resp: 202050
Ion Ratio Lower Upper
164 100
162 95.8 76.0 114.0
160 43.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.238 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF128233.D

Acq: 13 May 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB144784BL

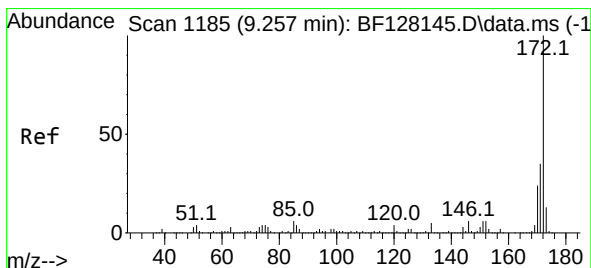
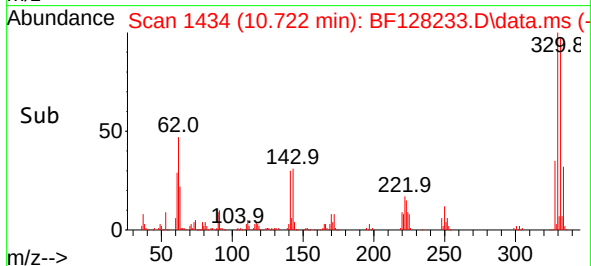
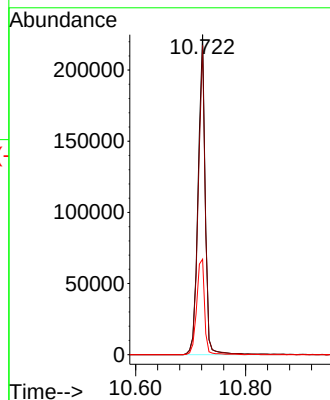
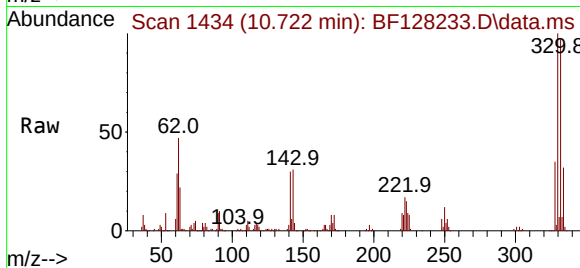
Tgt Ion:330 Resp: 202154

Ion Ratio Lower Upper

330 100

332 95.4 79.0 118.4

141 33.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 87.520 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128233.D

Acq: 13 May 2022 11:17

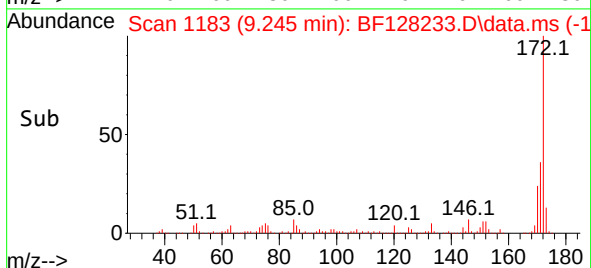
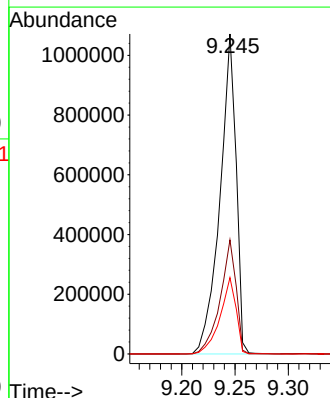
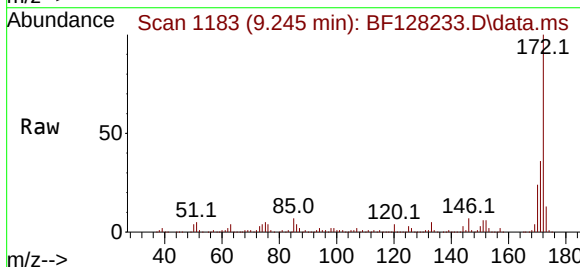
Tgt Ion:172 Resp: 1130155

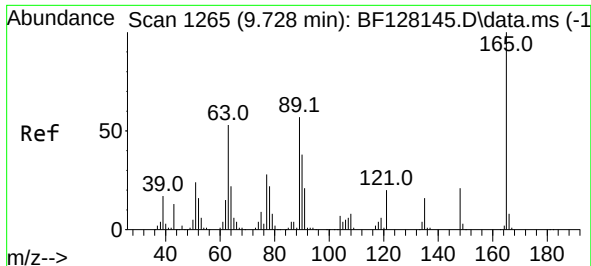
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.9 19.1 28.7

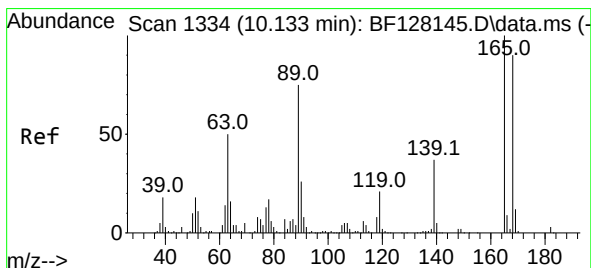
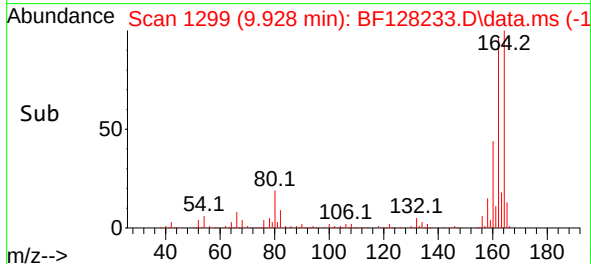
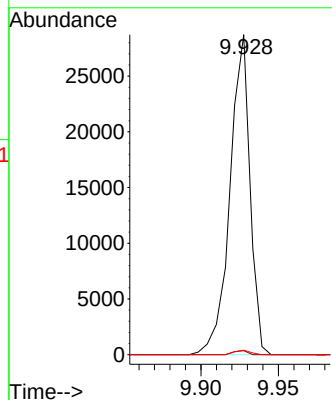
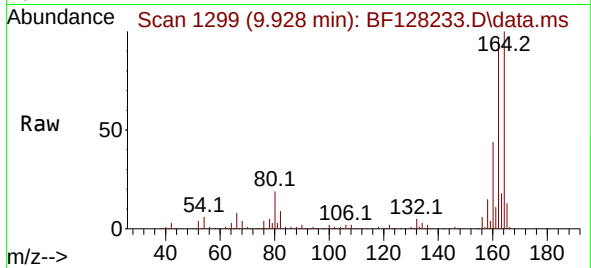




#51
2,6-Dinitrotoluene
Concen: 9.017 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

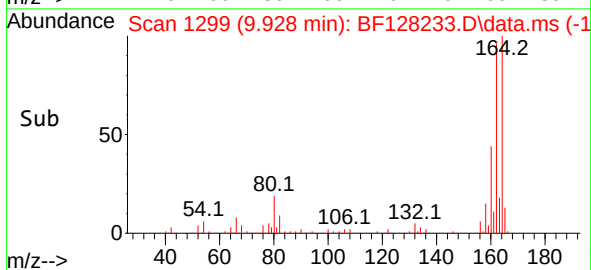
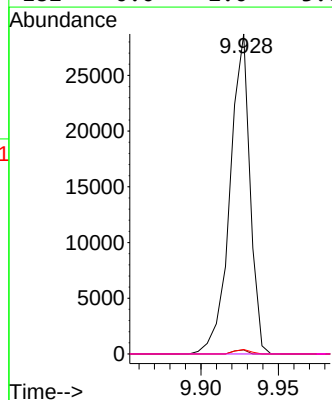
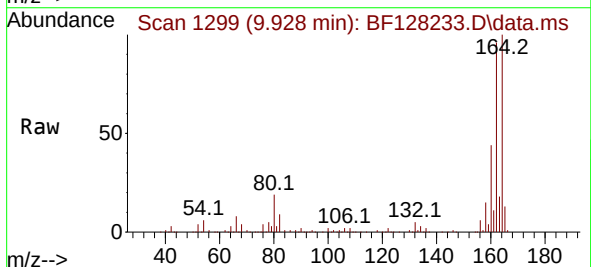
Instrument :
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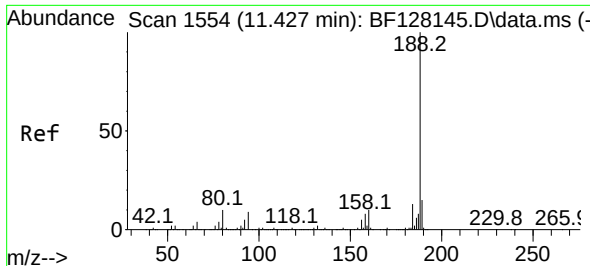
Tgt Ion:165 Resp: 25791
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.744 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

Tgt Ion:165 Resp: 25791
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

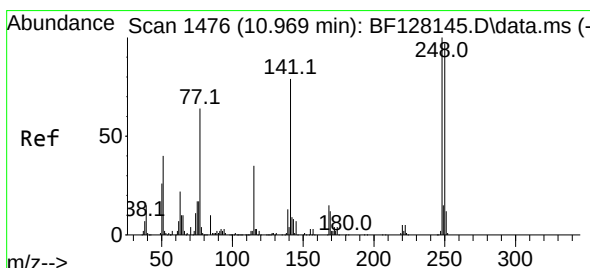
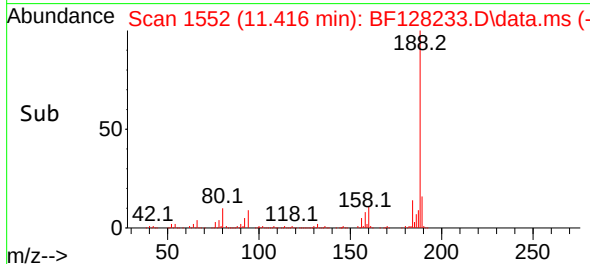
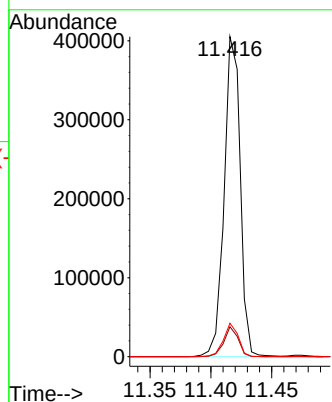
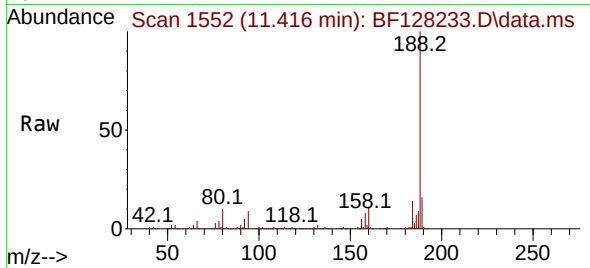




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

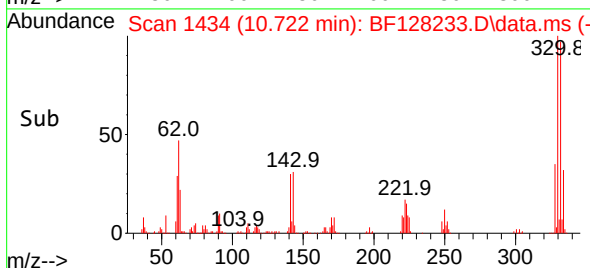
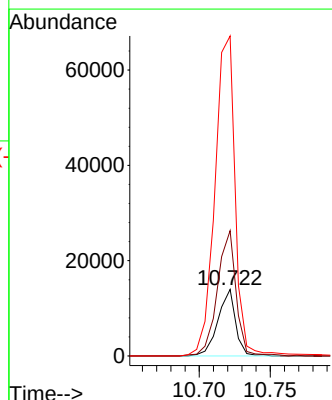
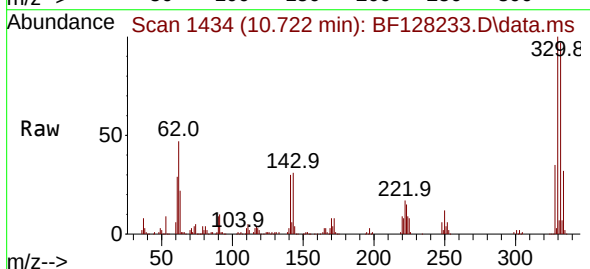
Instrument :
BNA_F
ClientSampleId :
PB144784BL

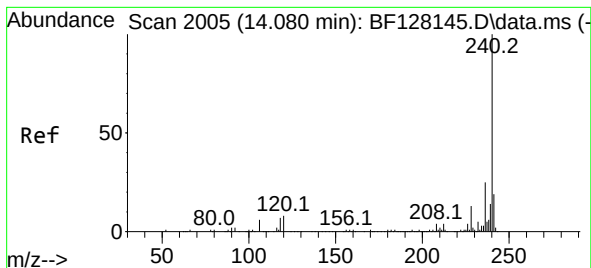
Tgt Ion:188 Resp: 372423
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.016 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.241 min
Lab File: BF128233.D
Acq: 13 May 2022 11:17

Tgt Ion:248 Resp: 12085
Ion Ratio Lower Upper
248 100
250 188.4 77.7 116.5#
141 481.1 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF128233.D

Acq: 13 May 2022 11:17

Instrument :

BNA_F

ClientSampleId :

PB144784BL

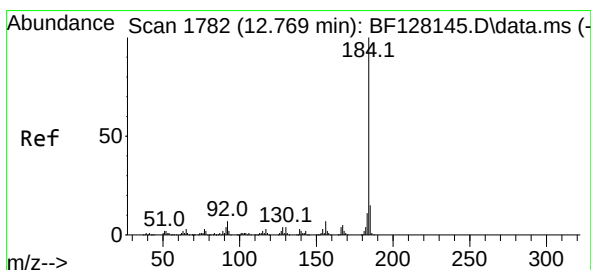
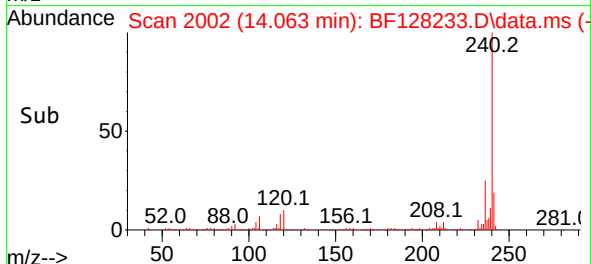
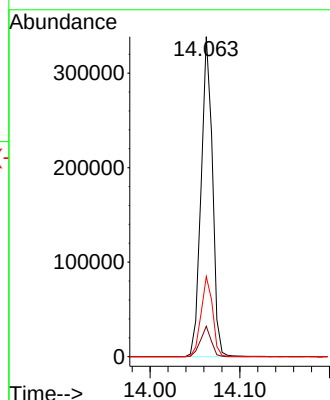
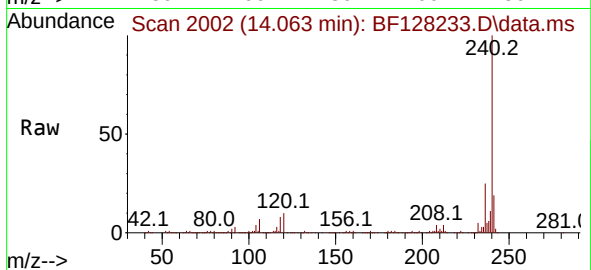
Tgt Ion:240 Resp: 296999

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

236 25.0 20.3 30.5



#77

Benzdine

Concen: 3.237 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.253 min

Lab File: BF128233.D

Acq: 13 May 2022 11:17

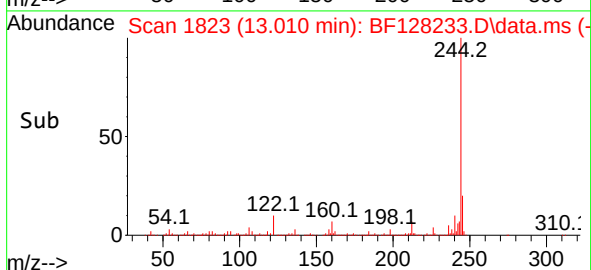
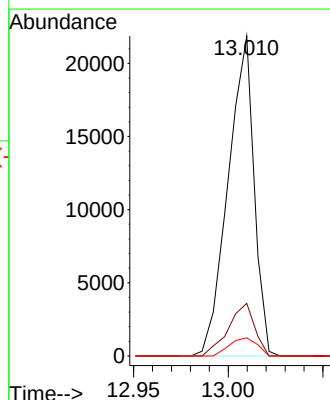
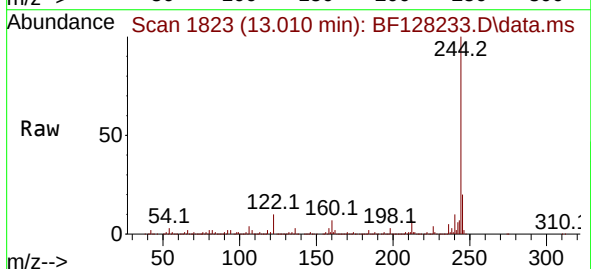
Tgt Ion:184 Resp: 20821

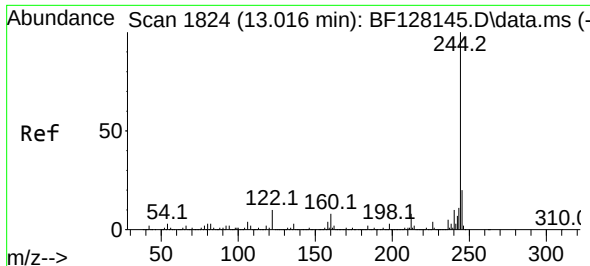
Ion Ratio Lower Upper

184 100

185 16.5 12.1 18.1

183 5.7 9.0 13.4#

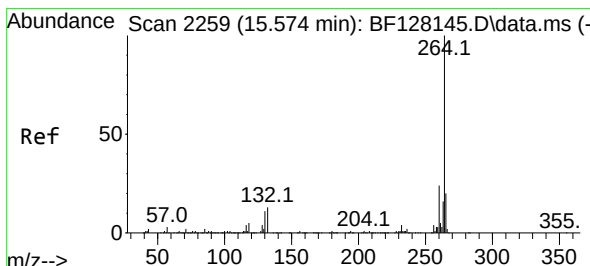
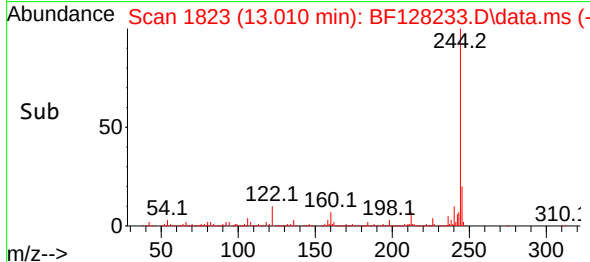
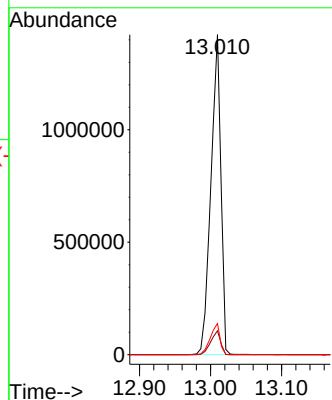
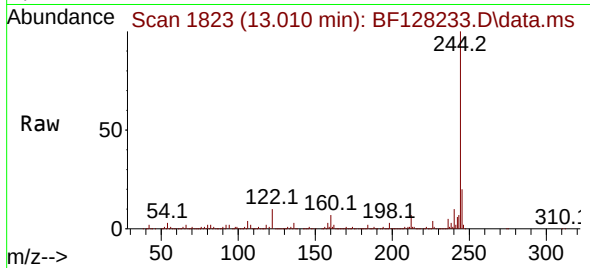




#79
 Terphenyl-d14
 Concen: 88.107 ng
 RT: 13.010 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128233.D
 Acq: 13 May 2022 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB144784BL

Tgt Ion:244 Resp: 1394557
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128233.D
 Acq: 13 May 2022 11:17

Tgt Ion:264 Resp: 231318
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.1 17.5 26.3

