

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128123.D
 Acq On : 06 May 2022 14:26
 Operator : CG\JU
 Sample : PB144627BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144627BL

Quant Time: May 06 16:09:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

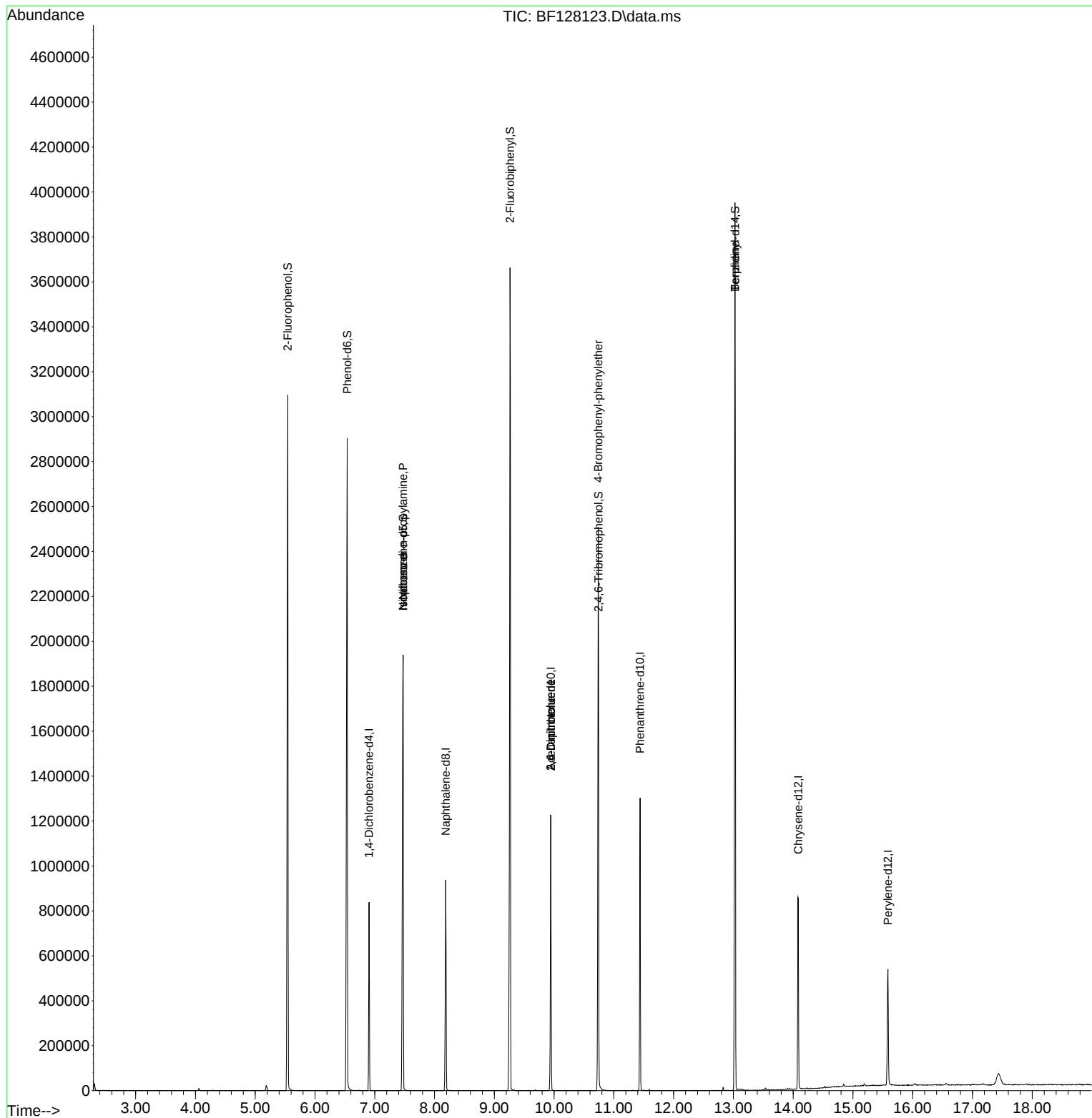
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	107820	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	424660	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	245092	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	445333	20.000	ng	0.00
76) Chrysene-d12	14.086	240	311120	20.000	ng	0.00
86) Perylene-d12	15.586	264	241339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	833849	123.181	ng	0.01
7) Phenol-d6	6.540	99	1101744	125.432	ng	0.00
23) Nitrobenzene-d5	7.475	82	806235	89.277	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	322217	130.597	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1312011	90.561	ng	0.00
79) Terphenyl-d14	13.027	244	1512016	88.866	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	110085	20.474	ng	# 79
25) Isophorone	7.475	82	803734	52.880	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	30836	8.665	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	30836	6.541	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	20661	4.185	ng	# 1
77) Benzidine	13.027	184	21655	3.679	ng	# 91

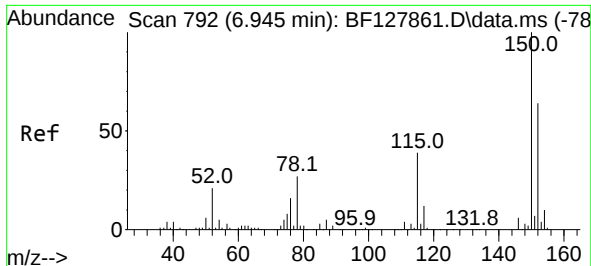
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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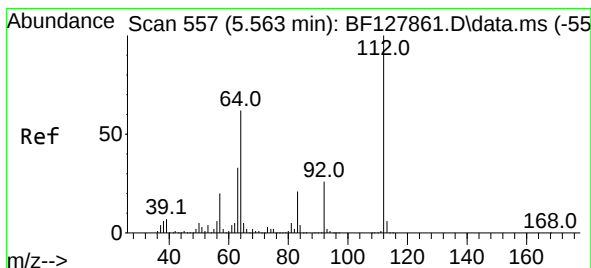
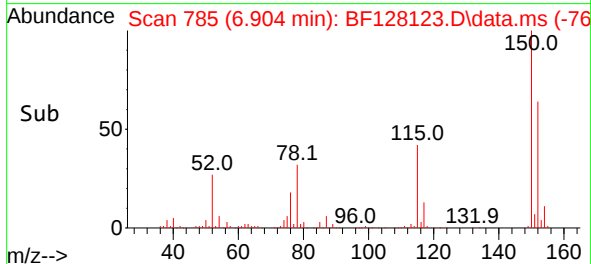
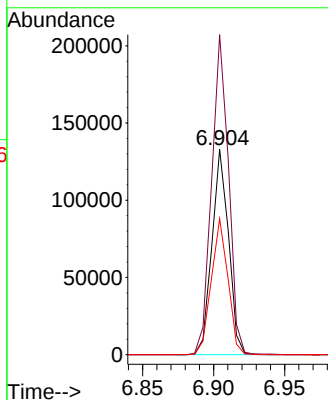
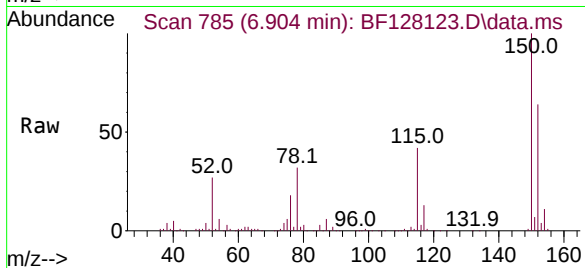




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128123.D
 Acq: 06 May 2022 14:26

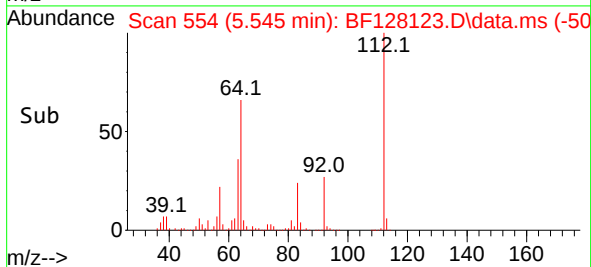
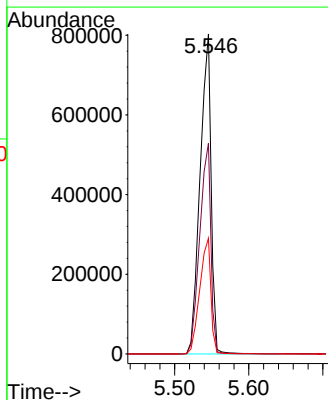
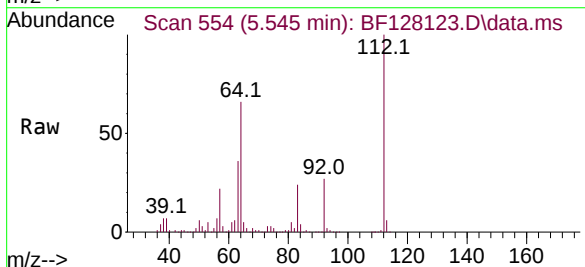
Instrument :
 BNA_F
 ClientSampleId :
 PB144627BL

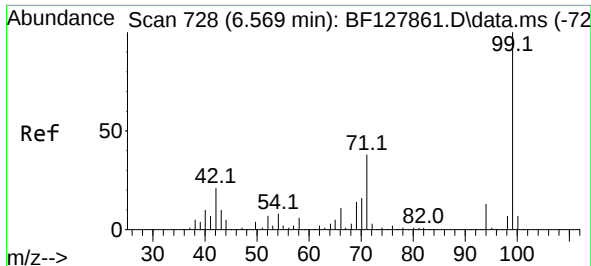
Tgt Ion:152 Resp: 107820
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.3 187.9
 115 66.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 123.181 ng
 RT: 5.545 min Scan# 554
 Delta R.T. 0.012 min
 Lab File: BF128123.D
 Acq: 06 May 2022 14:26

Tgt Ion:112 Resp: 833849
 Ion Ratio Lower Upper
 112 100
 64 65.9 49.5 74.3
 63 36.2 26.3 39.5

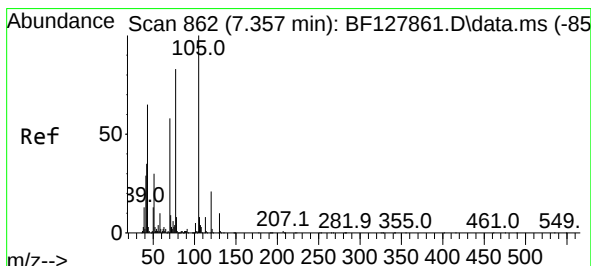
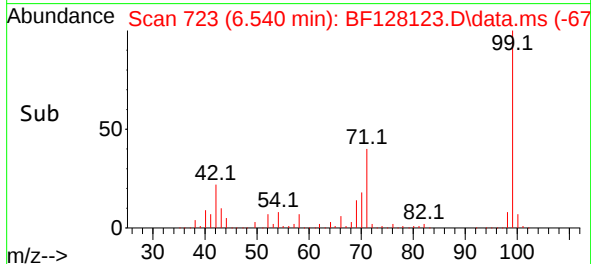
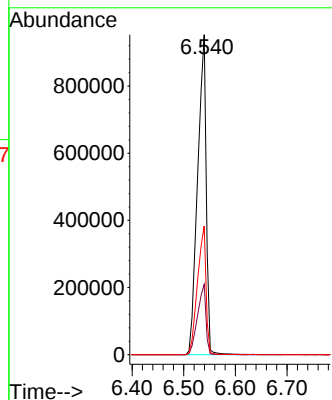
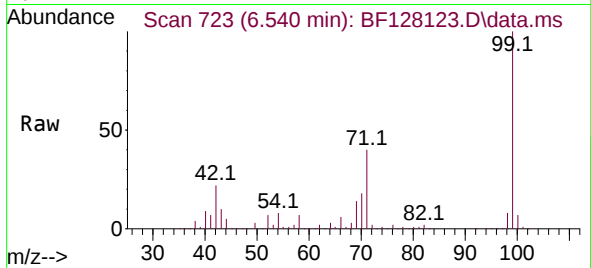




#7
Phenol-d6
Concen: 125.432 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

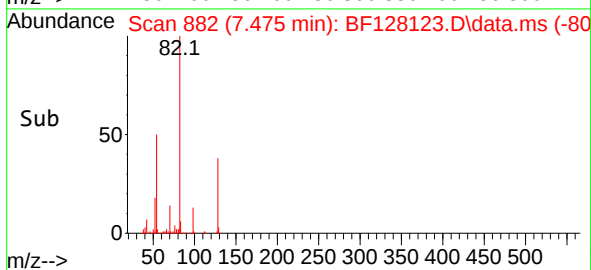
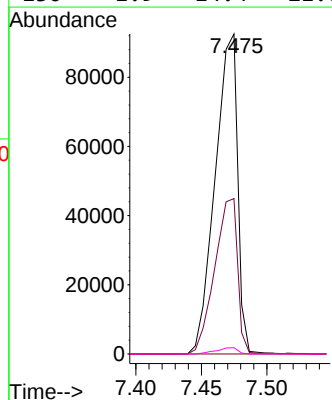
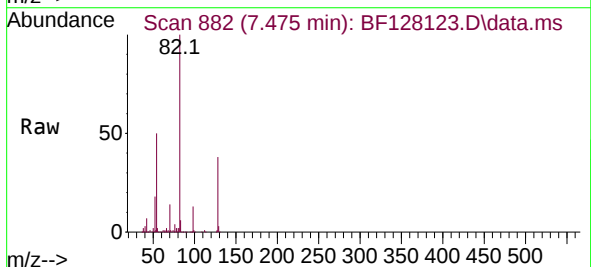
Instrument :
BNA_F
ClientSampleId :
PB144627BL

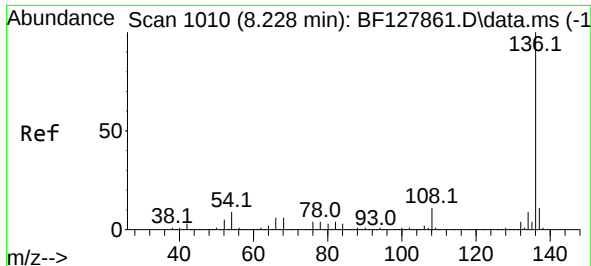
Tgt Ion: 99 Resp: 1101744
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 40.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.474 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

Tgt Ion: 70 Resp: 110085
Ion Ratio Lower Upper
70 100
42 48.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

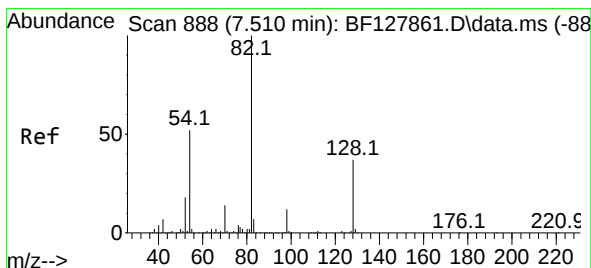
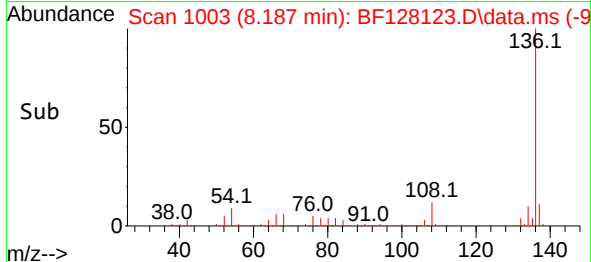
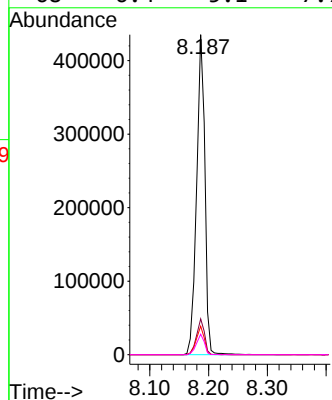
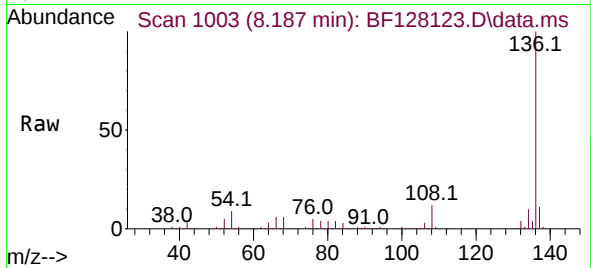




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

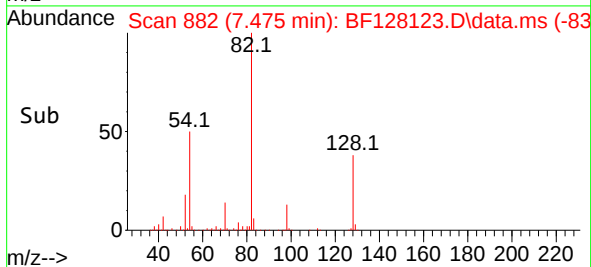
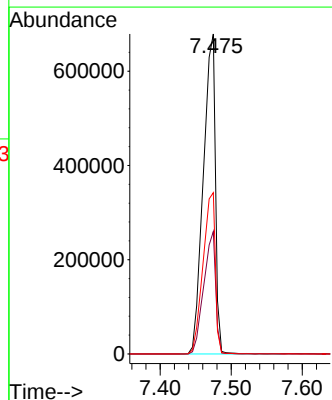
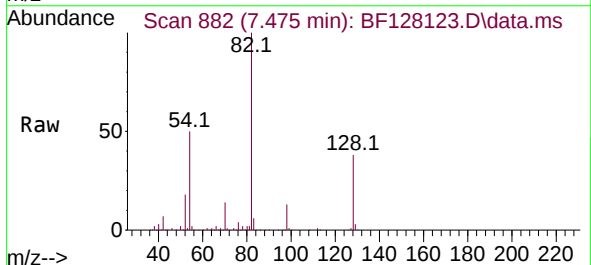
Instrument :
BNA_F
ClientSampleId :
PB144627BL

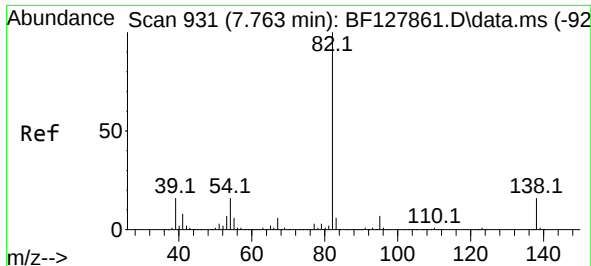
Tgt	Ion:136	Resp:	424660
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.9	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.277 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

Tgt Ion: 82	Resp: 806235
Ion Ratio	Lower Upper
82 100	
128 38.3	30.0 45.0
54 50.4	41.3 61.9

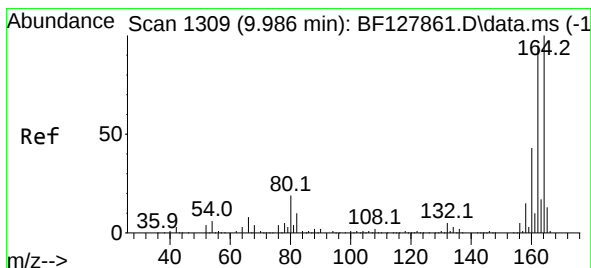
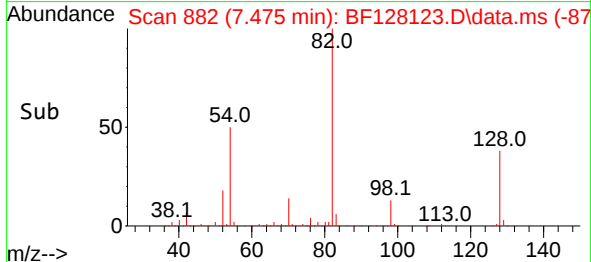
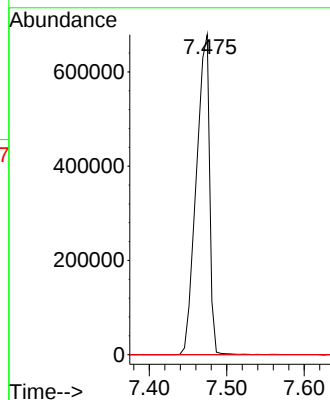
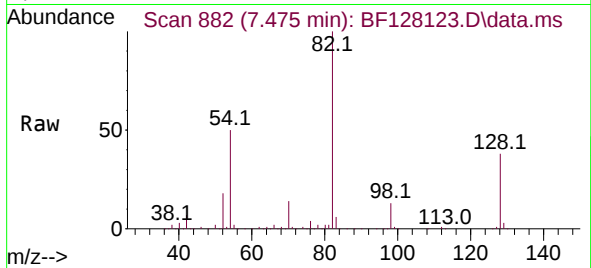




#25
Isophorone
Concen: 52.880 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

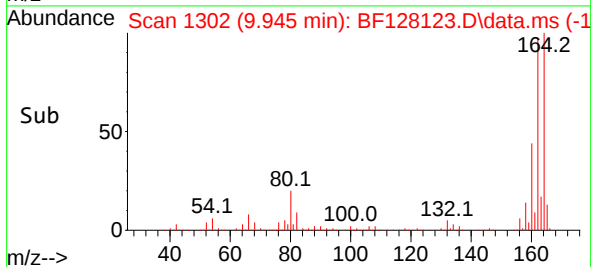
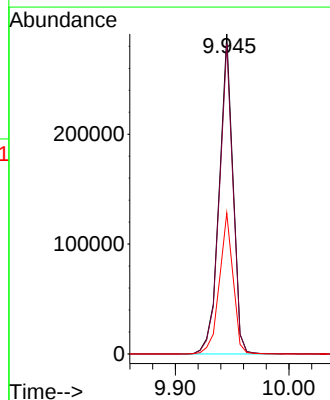
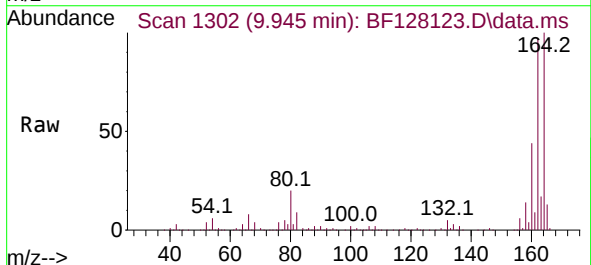
Instrument :
BNA_F
ClientSampleId :
PB144627BL

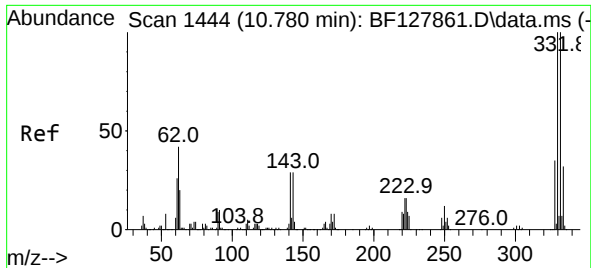
Tgt Ion: 82 Resp: 803734
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

Tgt Ion: 164 Resp: 245092
Ion Ratio Lower Upper
164 100
162 96.9 76.0 114.0
160 44.0 34.8 52.2

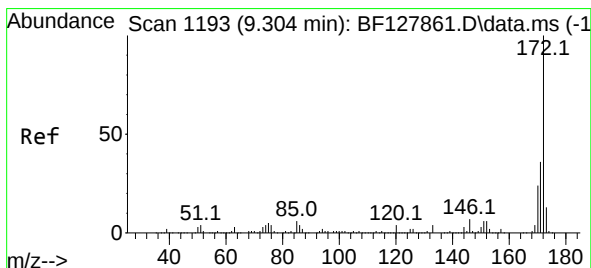
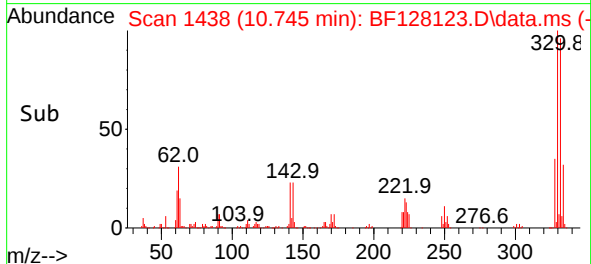
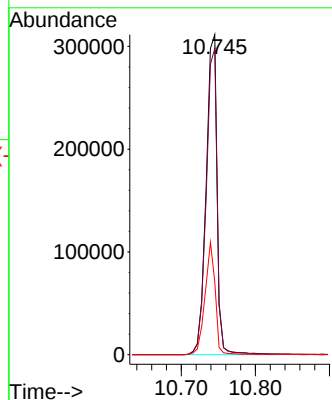
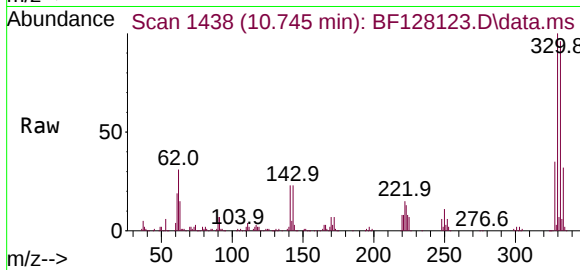




#42
2,4,6-Tribromophenol
Concen: 130.597 ng
RT: 10.745 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

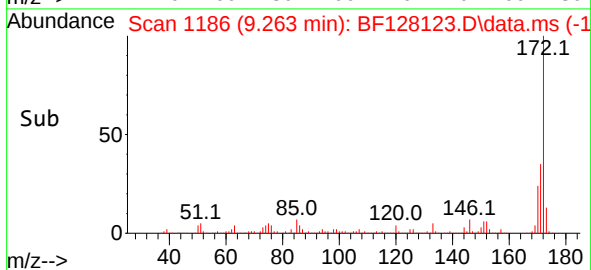
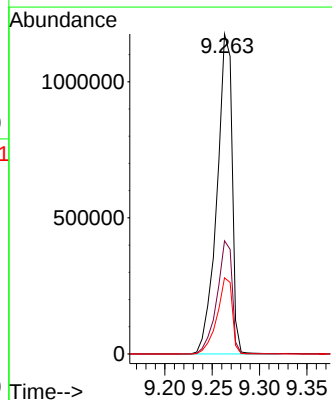
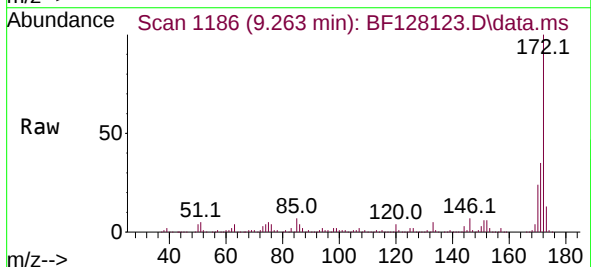
Instrument :
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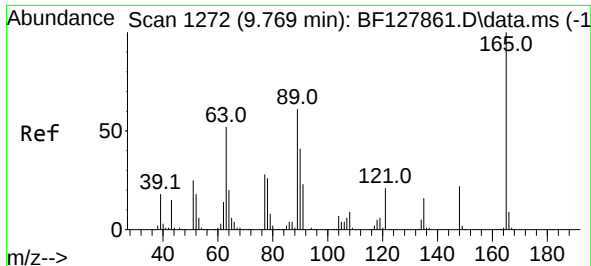
Tgt Ion: 330 Resp: 322217
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 32.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 90.561 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

Tgt Ion: 172 Resp: 1312011
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.665 ng

RT: 9.945 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128123.D

Acq: 06 May 2022 14:26

Instrument :

BNA_F

ClientSampleId :

PB144627BL

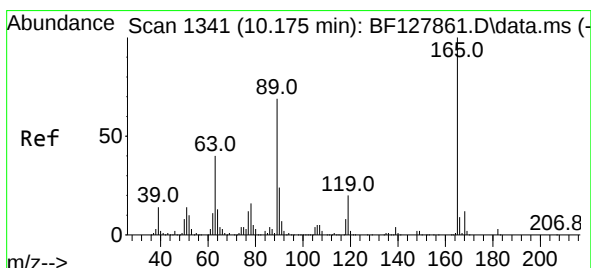
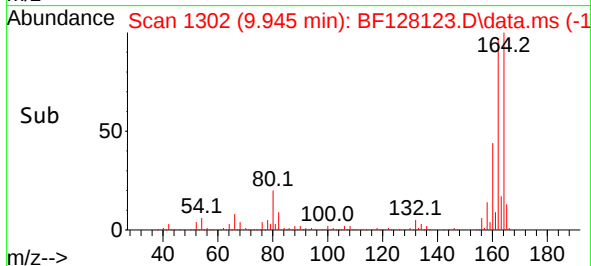
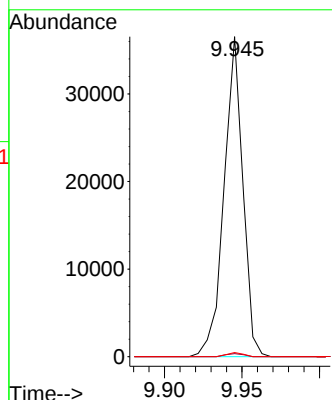
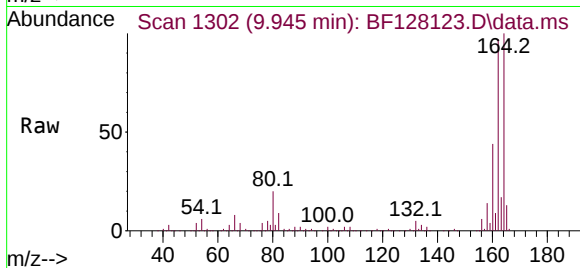
Tgt Ion:165 Resp: 30836

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.3 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.541 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.200 min

Lab File: BF128123.D

Acq: 06 May 2022 14:26

Tgt Ion:165 Resp: 30836

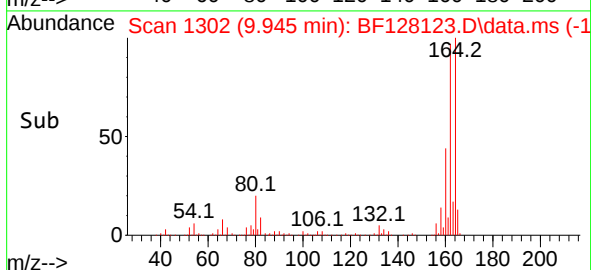
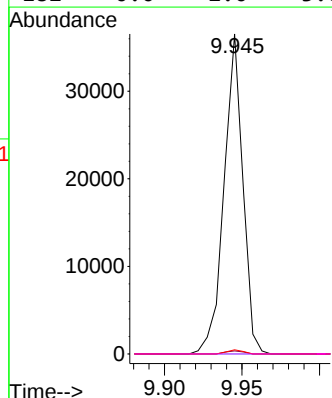
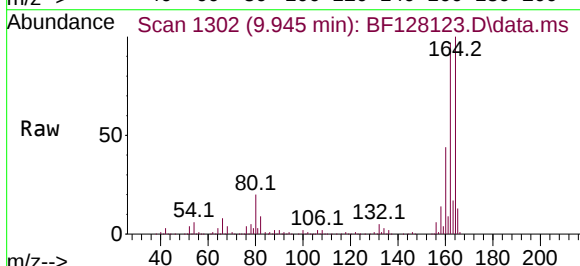
Ion Ratio Lower Upper

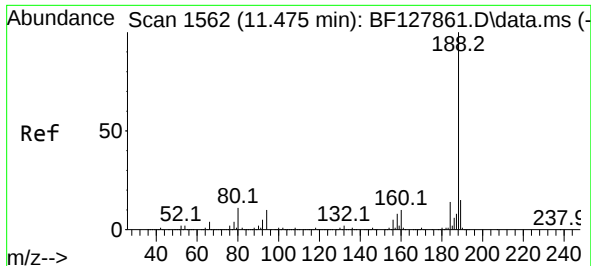
165 100

63 1.0 32.6 49.0#

89 1.3 55.2 82.8#

182 0.0 2.0 3.0#

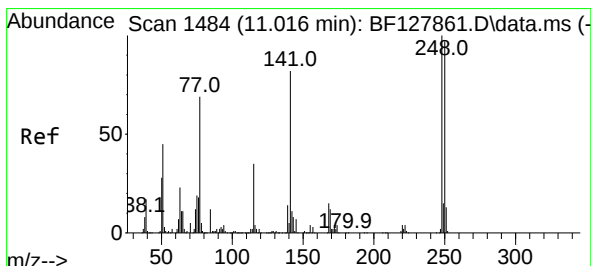
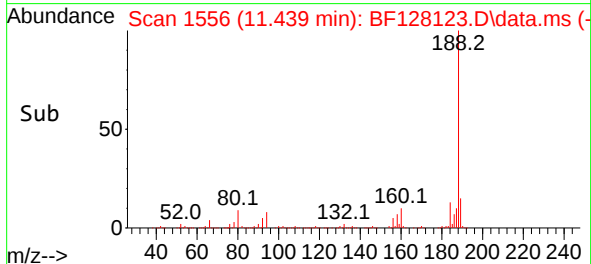
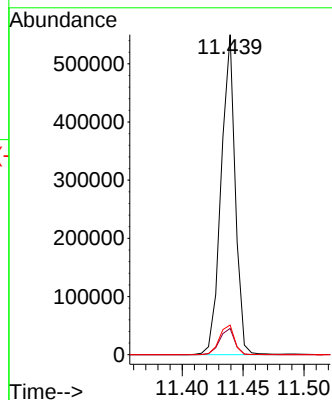
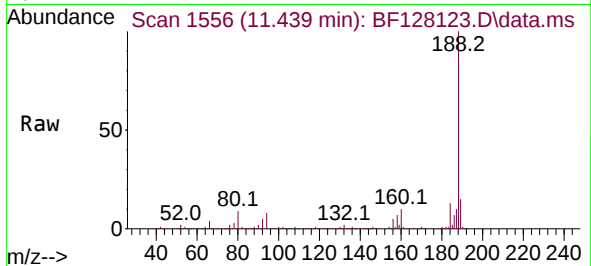




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

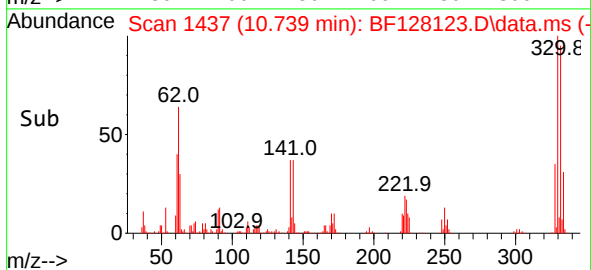
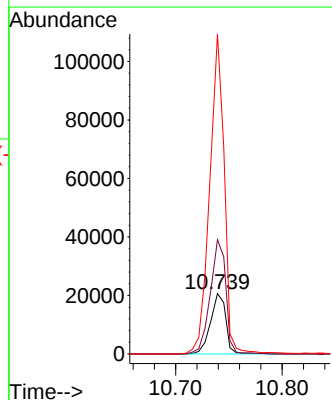
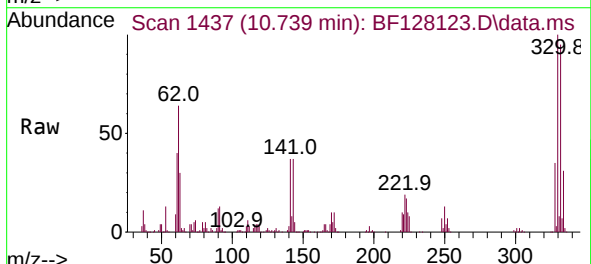
Instrument :
BNA_F
ClientSampleId :
PB144627BL

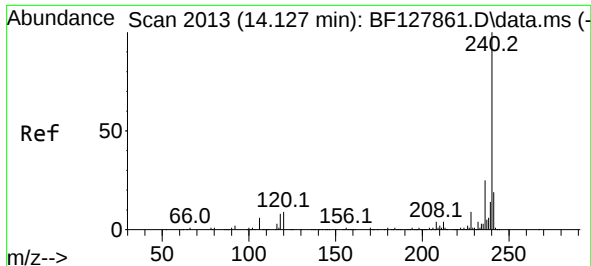
Tgt Ion:188 Resp: 445333
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.185 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

Tgt Ion:248 Resp: 20661
Ion Ratio Lower Upper
248 100
250 188.7 77.7 116.5#
141 528.8 65.6 98.4#

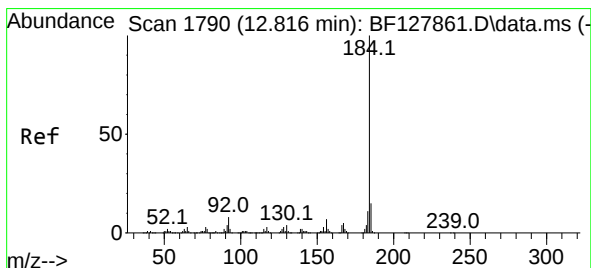
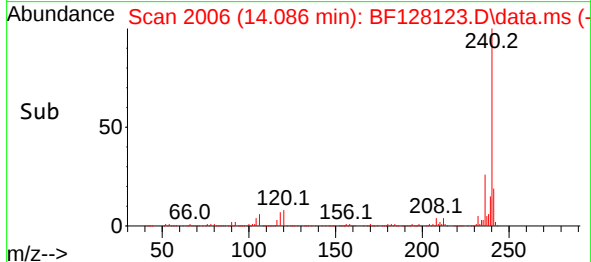
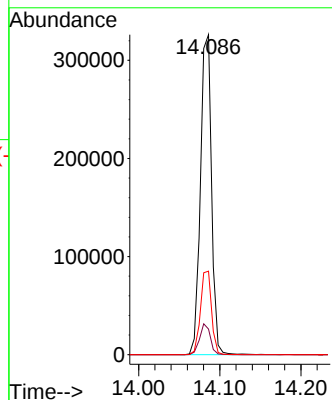
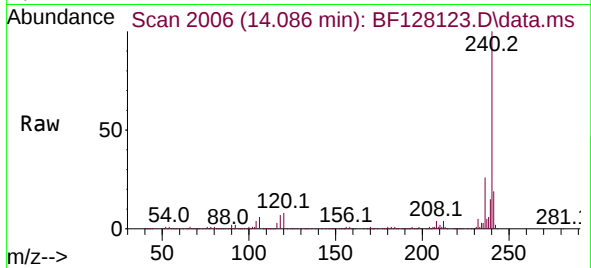




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

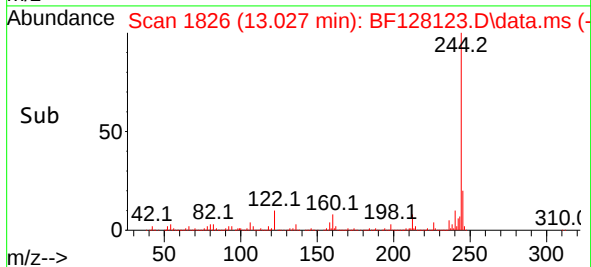
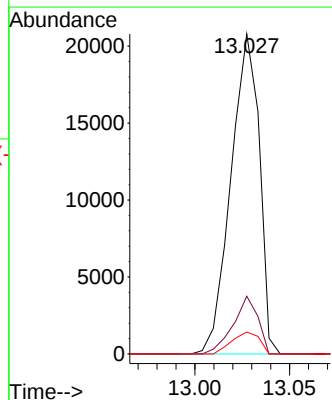
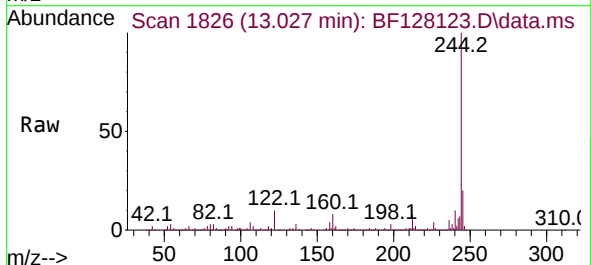
Instrument :
BNA_F
ClientSampleId :
PB144627BL

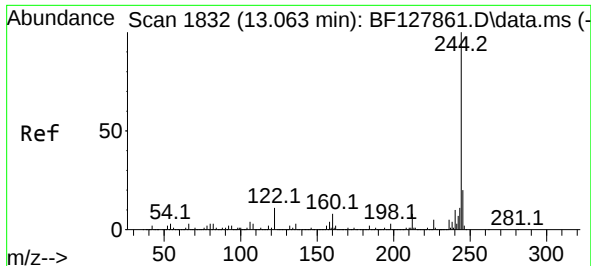
Tgt Ion:240 Resp: 311120
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 26.1 20.3 30.5



#77
Benzidine
Concen: 3.679 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128123.D
Acq: 06 May 2022 14:26

Tgt Ion:184 Resp: 21655
Ion Ratio Lower Upper
184 100
185 18.1 12.1 18.1
183 6.8 9.0 13.4#

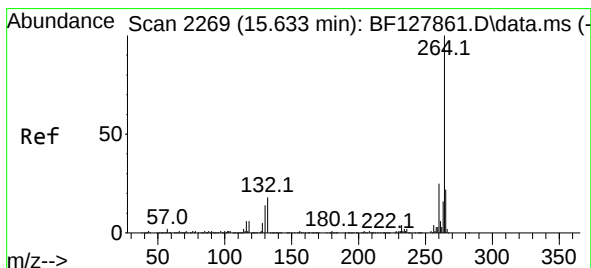
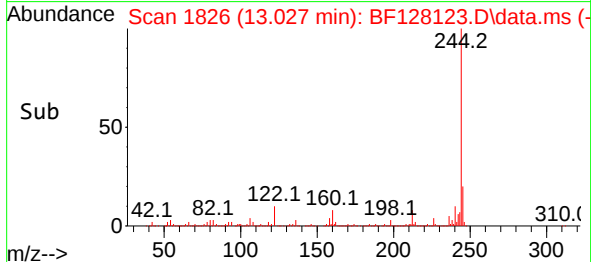
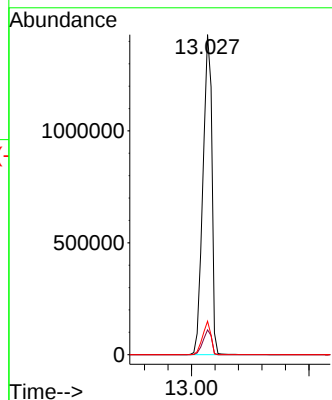
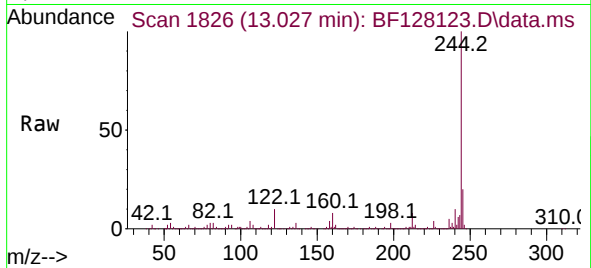




#79
 Terphenyl-d14
 Concen: 88.866 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128123.D
 Acq: 06 May 2022 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB144627BL

Tgt Ion:244 Resp: 1512016
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128123.D
 Acq: 06 May 2022 14:26

Tgt Ion:264 Resp: 241339
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 21.1 17.5 26.3

