

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128117.D
 Acq On : 06 May 2022 10:37
 Operator : CG\JU
 Sample : PB144601BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144601BL

Quant Time: May 06 16:07:31 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)

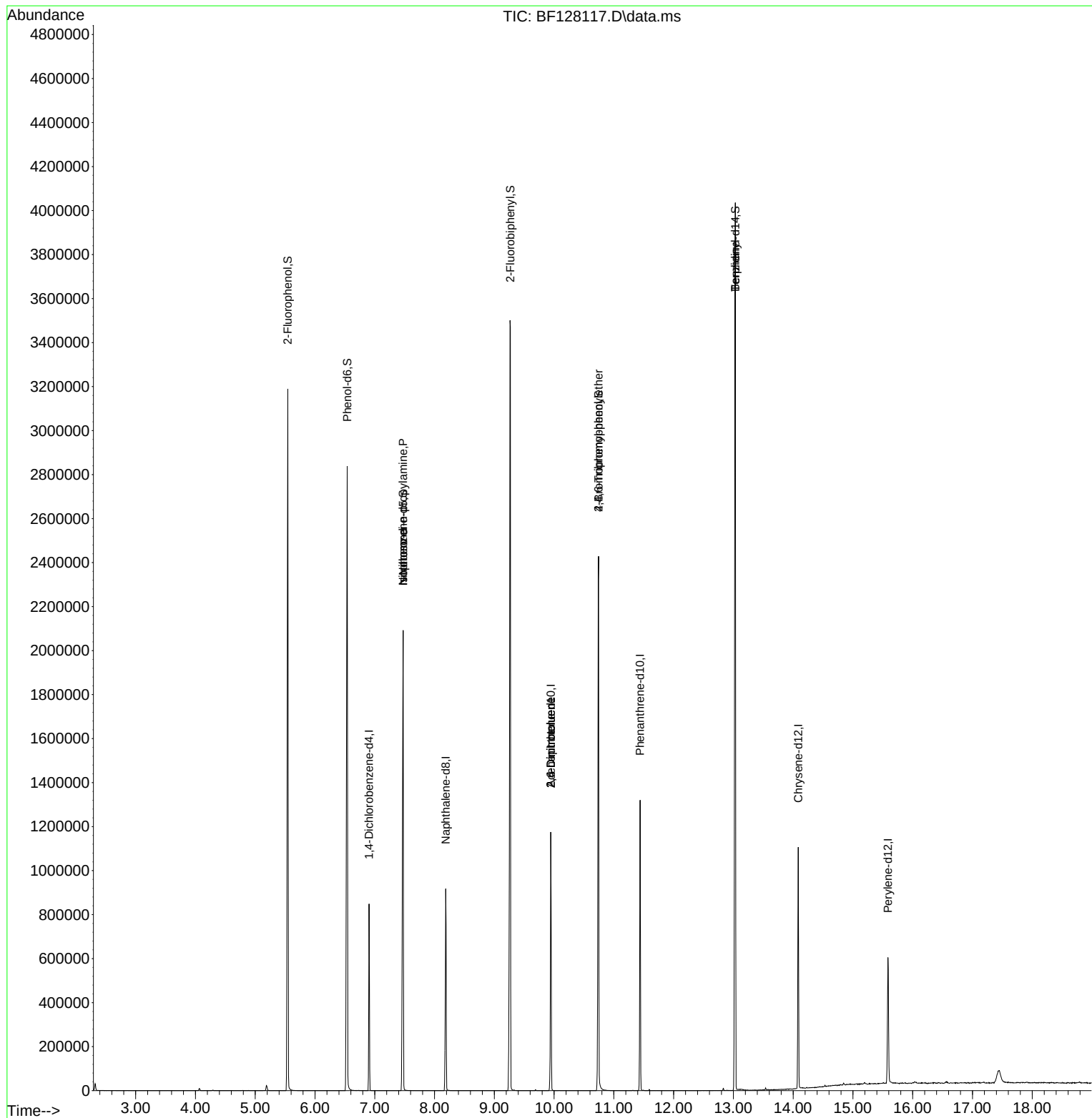
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	110445	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	429291	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	248736	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	460844	20.000	ng	0.00
76) Chrysene-d12	14.086	240	352062	20.000	ng	0.00
86) Perylene-d12	15.586	264	272174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	853389	123.072	ng	0.01
7) Phenol-d6	6.539	99	1134620	126.105	ng	0.00
23) Nitrobenzene-d5	7.475	82	817277	89.524	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	330499	131.991	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1342663	91.319	ng	0.00
79) Terphenyl-d14	13.033	244	1587307	82.443	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	112365	20.401	ng	# 78
25) Isophorone	7.475	82	814389	53.003	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	32445	8.983	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	32445	6.782	ng	# 26
67) 4-Bromophenyl-phenylether	10.745	248	19452	3.808	ng	# 1
77) Benzidine	13.033	184	23433	3.518	ng	# 94

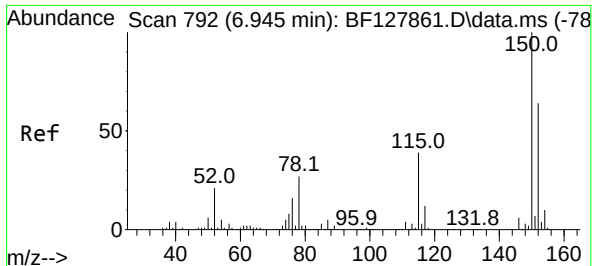
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

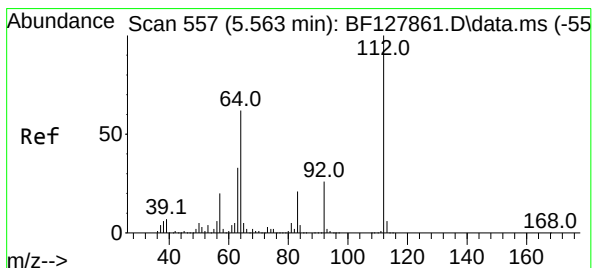
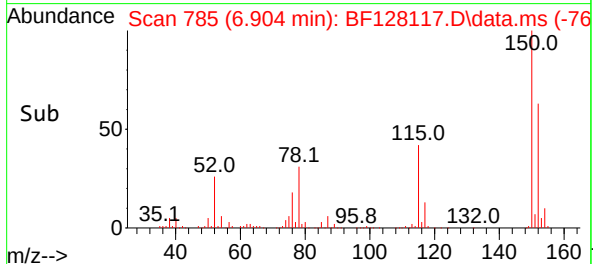
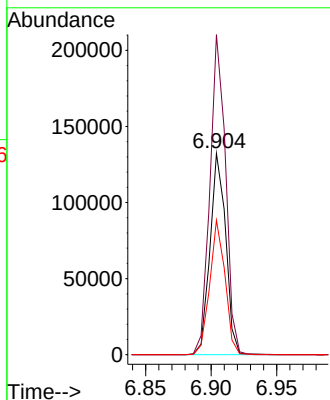
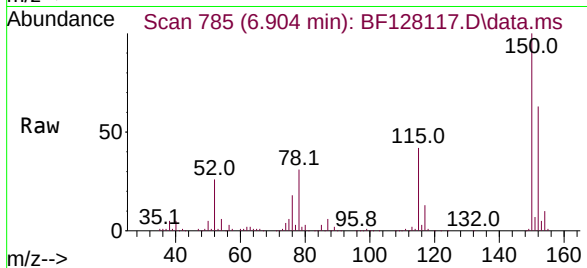




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128117.D
 Acq: 06 May 2022 10:37

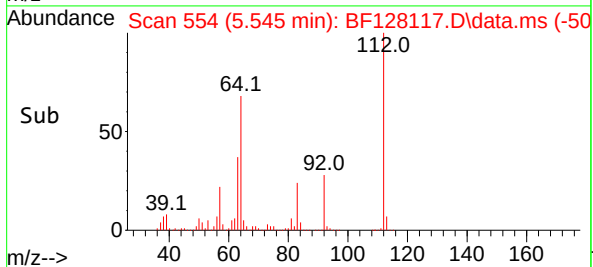
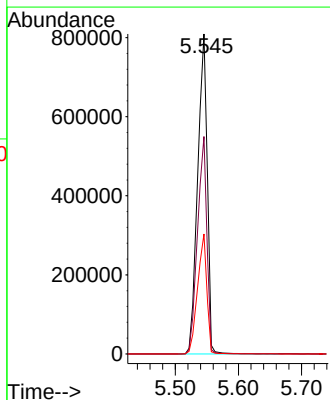
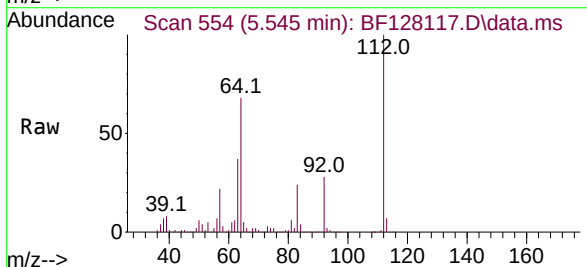
Instrument :
 BNA_F
 ClientSampleId :
 PB144601BL

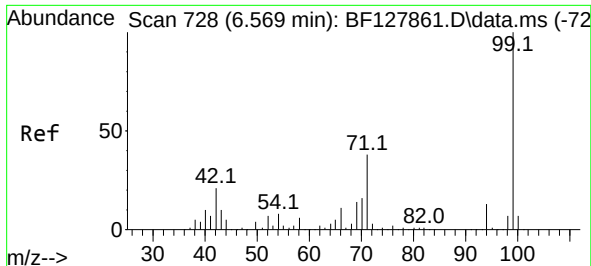
Tgt Ion:152 Resp: 110445
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.3 187.9
 115 66.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 123.072 ng
 RT: 5.545 min Scan# 554
 Delta R.T. 0.012 min
 Lab File: BF128117.D
 Acq: 06 May 2022 10:37

Tgt Ion:112 Resp: 853389
 Ion Ratio Lower Upper
 112 100
 64 68.0 49.5 74.3
 63 37.5 26.3 39.5

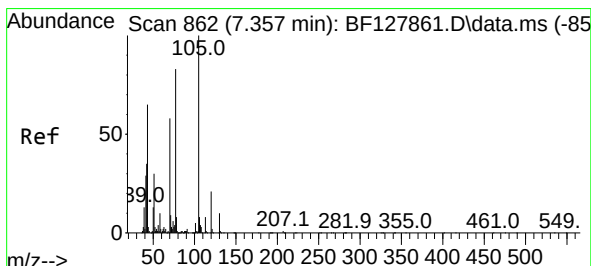
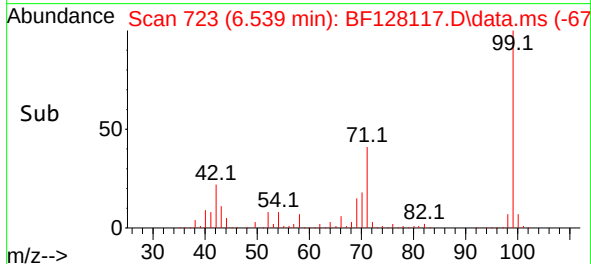
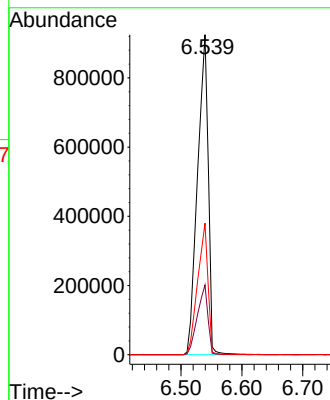
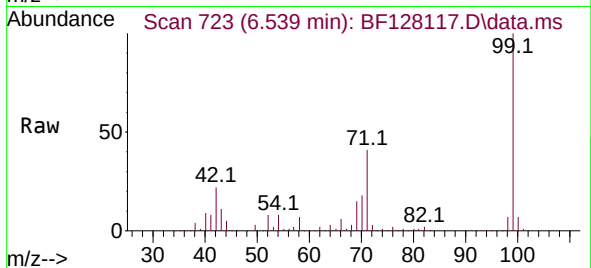




#7
Phenol-d6
Concen: 126.105 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

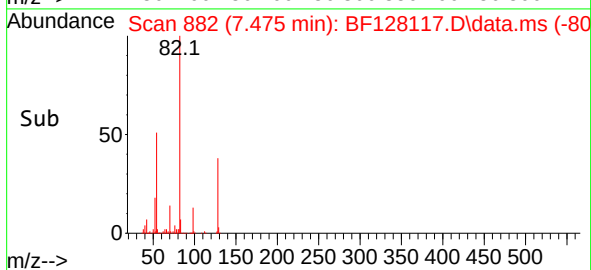
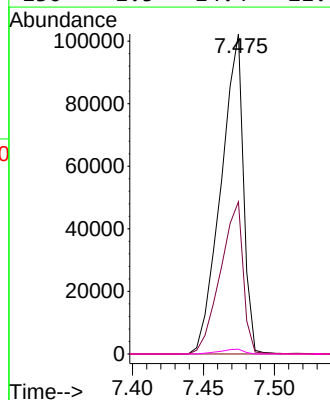
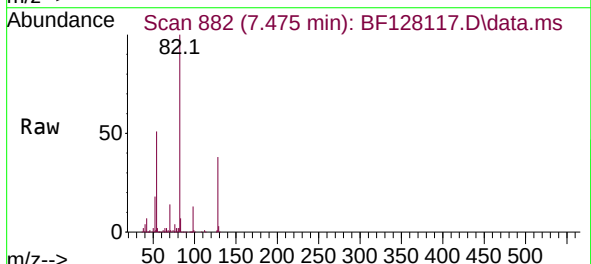
Instrument :
BNA_F
ClientSampleId :
PB144601BL

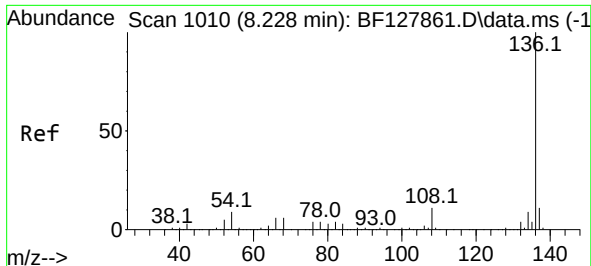
Tgt Ion: 99 Resp: 1134620
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 41.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.401 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

Tgt Ion: 70 Resp: 112365
Ion Ratio Lower Upper
70 100
42 47.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

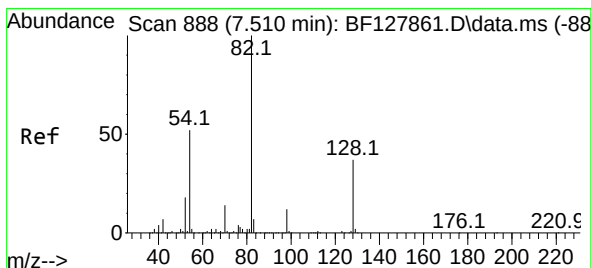
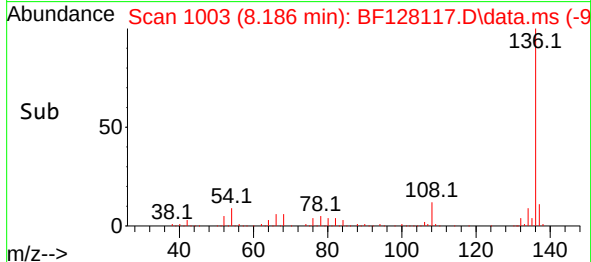
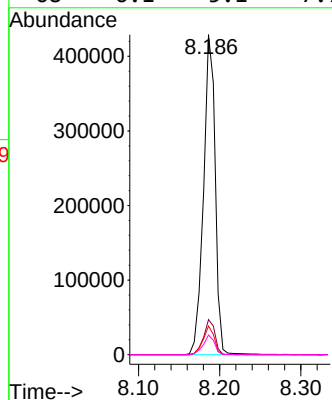
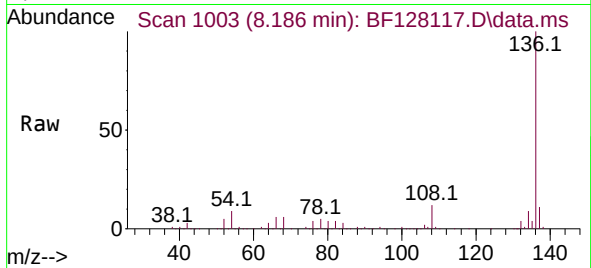




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

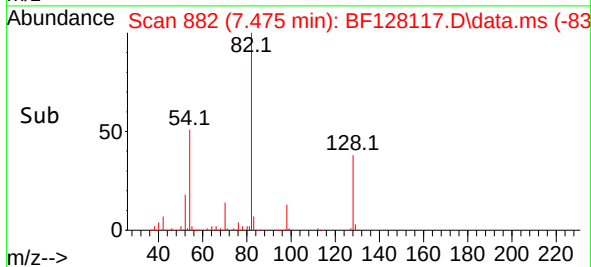
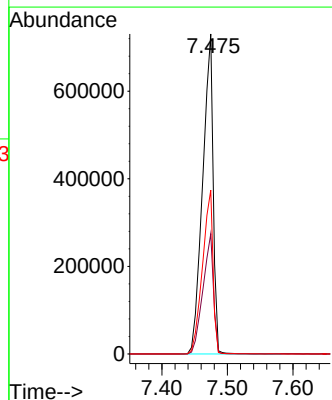
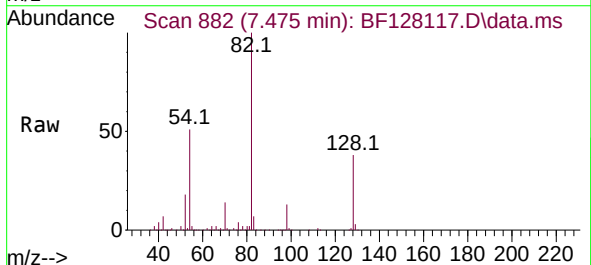
Instrument :
BNA_F
ClientSampleId :
PB144601BL

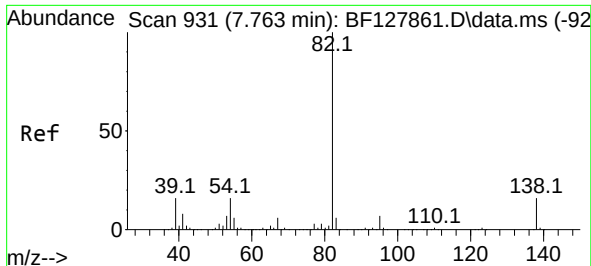
Tgt	Ion:136	Resp:	429291
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	6.8	10.2
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.524 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

Tgt Ion: 82	Resp: 817277
Ion Ratio	Lower Upper
82 100	
128 37.6	30.0 45.0
54 51.2	41.3 61.9

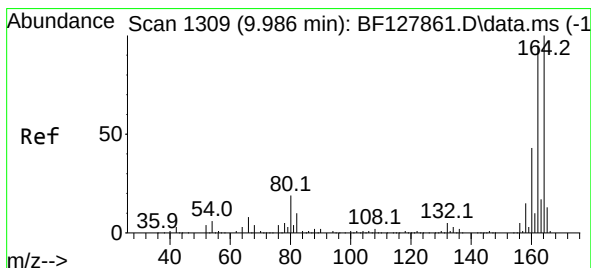
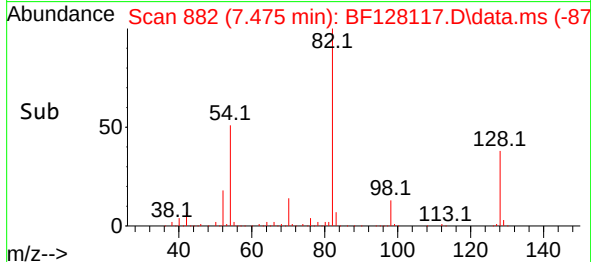
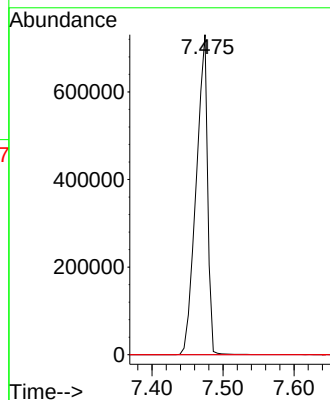
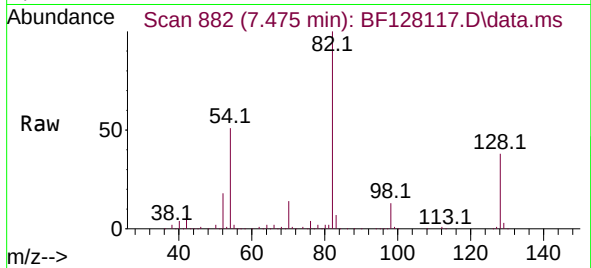




#25
Isophorone
Concen: 53.003 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

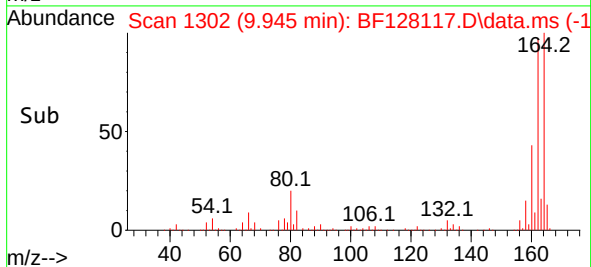
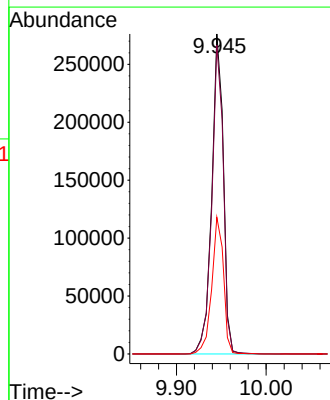
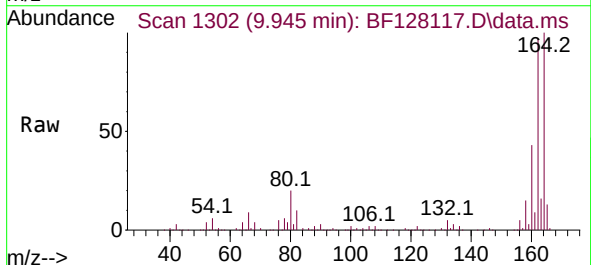
Instrument :
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ClientSampleId :
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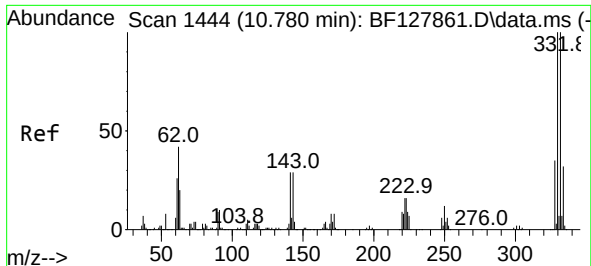
Tgt Ion: 82 Resp: 814389
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

Tgt Ion: 164 Resp: 248736
Ion Ratio Lower Upper
164 100
162 96.5 76.0 114.0
160 42.7 34.8 52.2

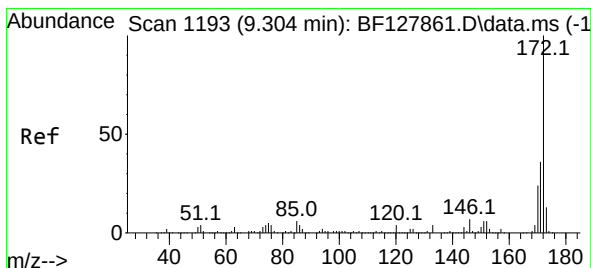
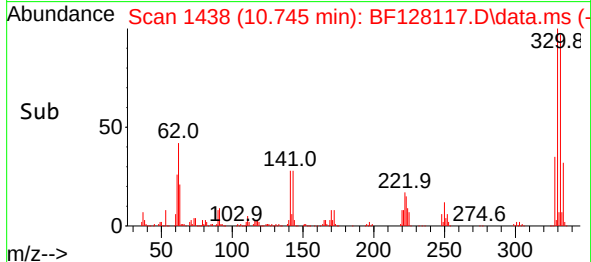
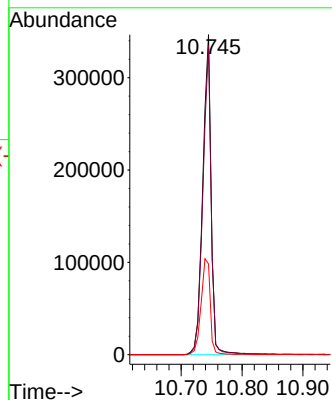
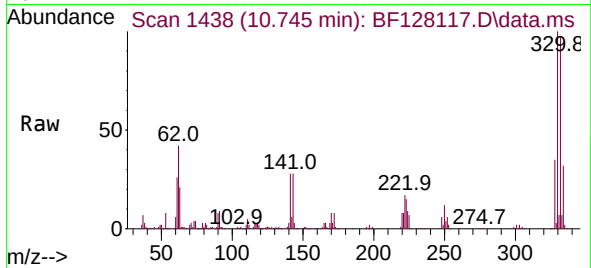




#42
2,4,6-Tribromophenol
Concen: 131.991 ng
RT: 10.745 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

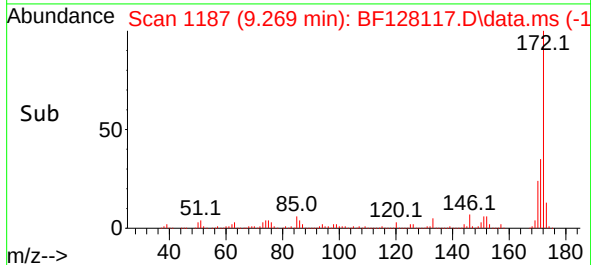
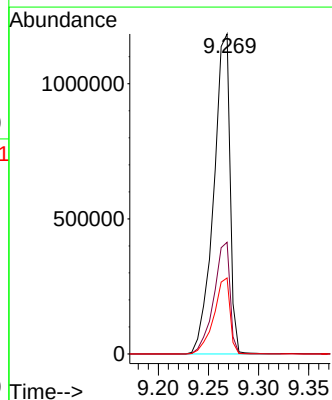
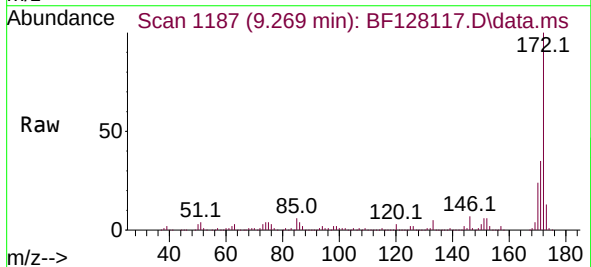
Instrument :
BNA_F
ClientSampleId :
PB144601BL

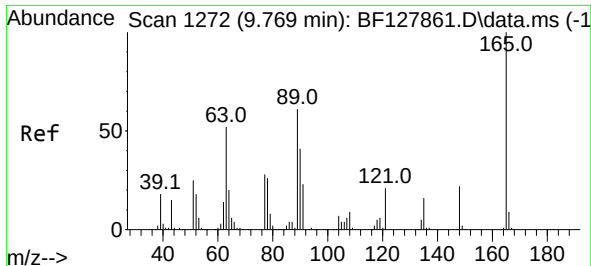
Tgt Ion:330 Resp: 330499
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 33.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 91.319 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

Tgt Ion:172 Resp: 1342663
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.7 19.1 28.7

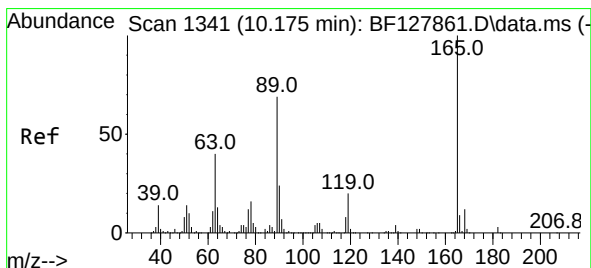
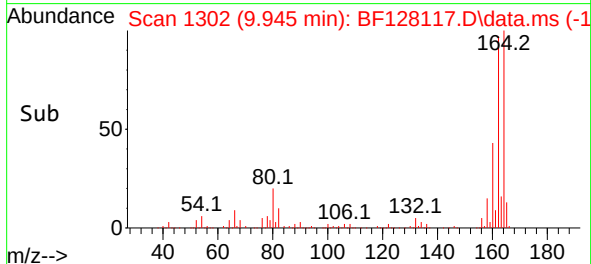
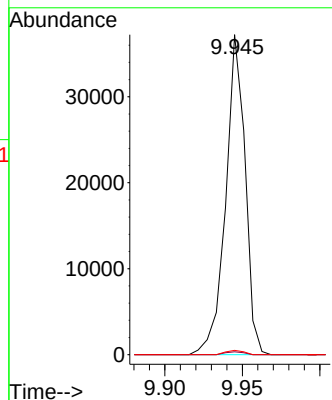
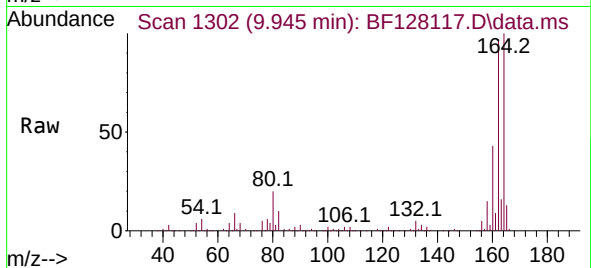




#51
2,6-Dinitrotoluene
Concen: 8.983 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

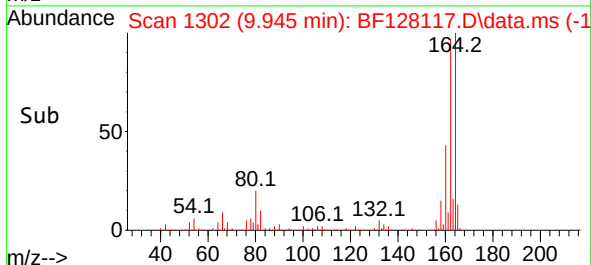
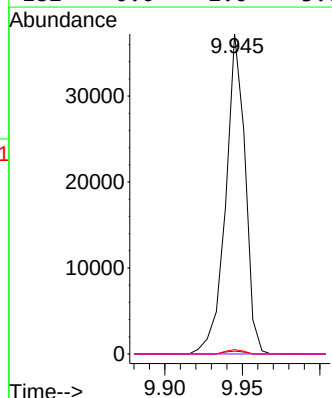
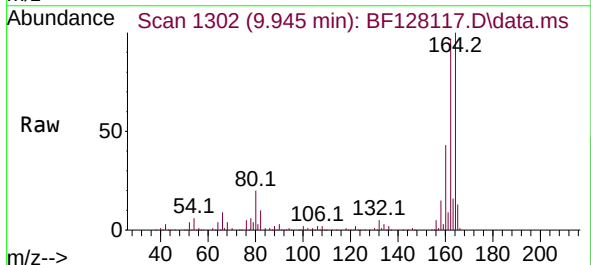
Instrument :
BNA_F
ClientSampleId :
PB144601BL

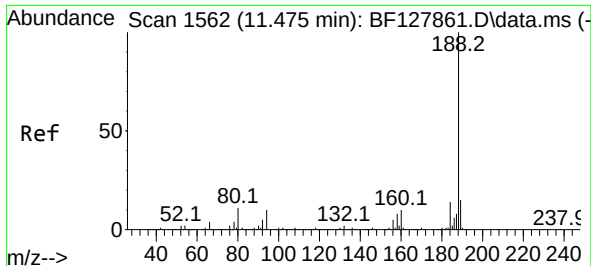
Tgt Ion:165 Resp: 32445
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.782 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

Tgt Ion:165 Resp: 32445
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

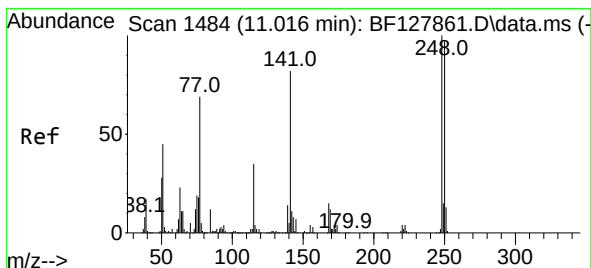
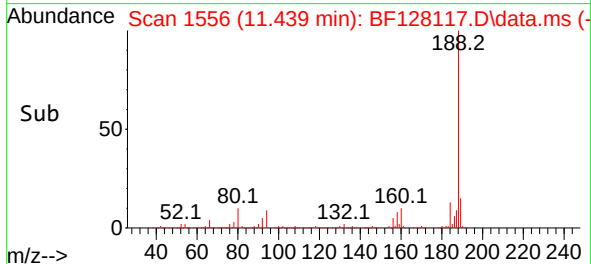
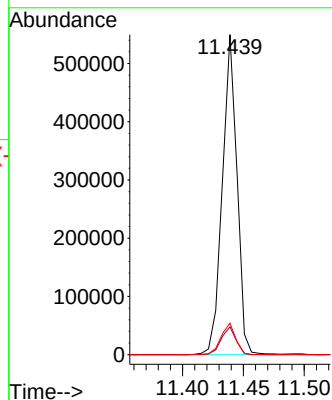
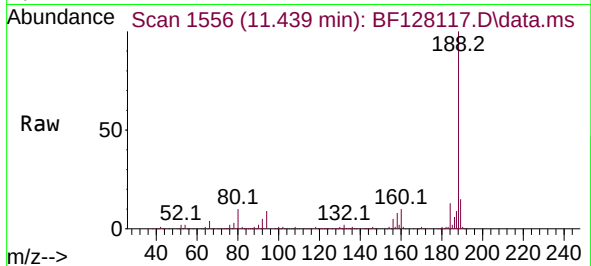




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

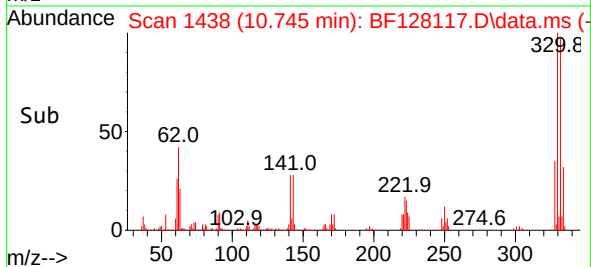
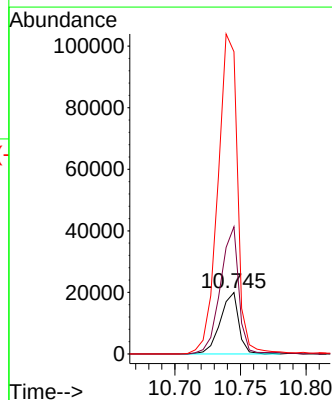
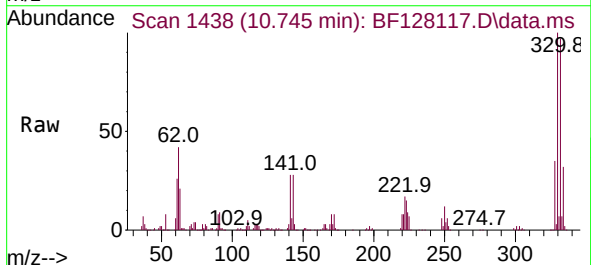
Instrument :
BNA_F
ClientSampleId :
PB144601BL

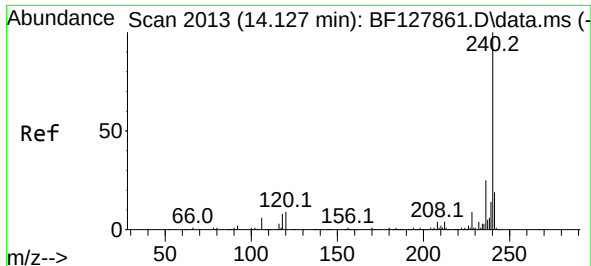
Tgt Ion:188 Resp: 460844
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.808 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.241 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

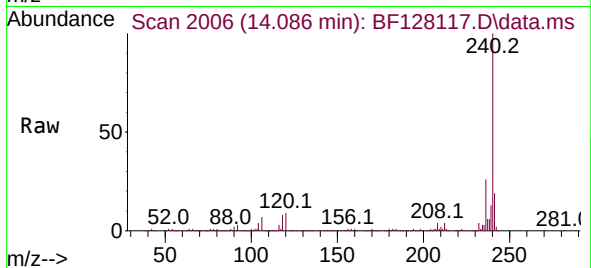
Tgt Ion:248 Resp: 19452
Ion Ratio Lower Upper
248 100
250 207.2 77.7 116.5#
141 492.4 65.6 98.4#



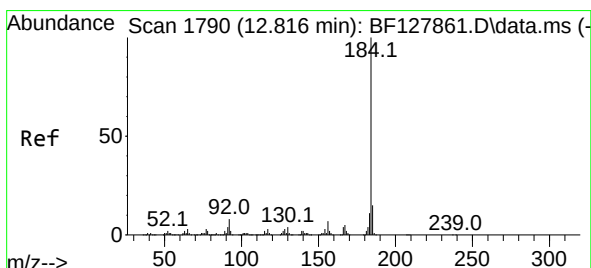
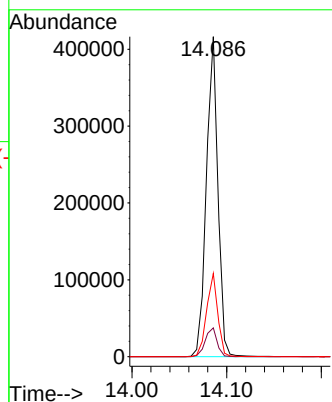
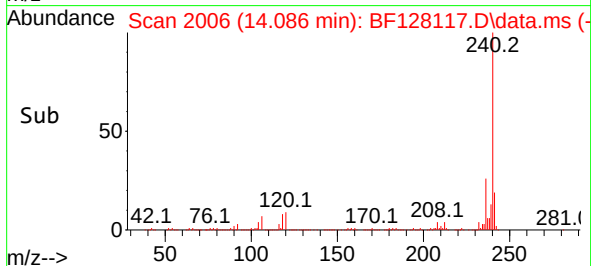


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37

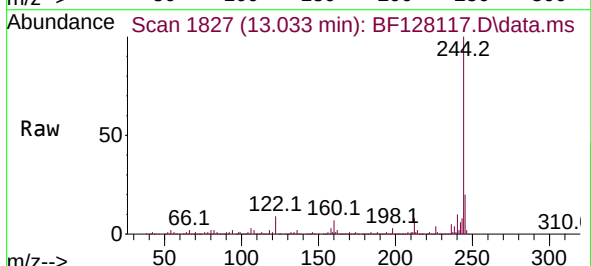
Instrument :
BNA_F
ClientSampleId :
PB144601BL



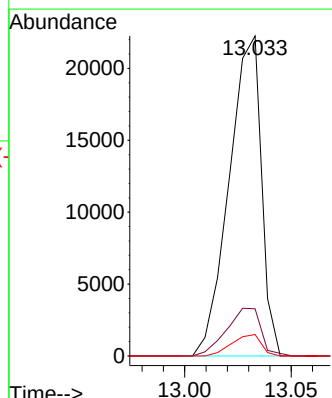
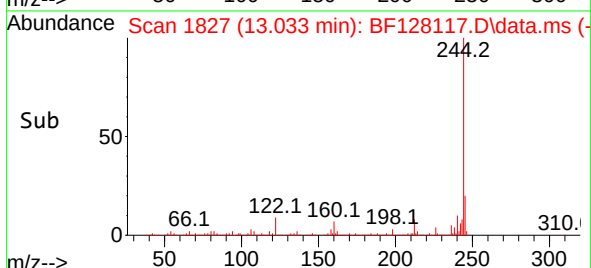
Tgt Ion:240 Resp: 352062
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.0 20.3 30.5

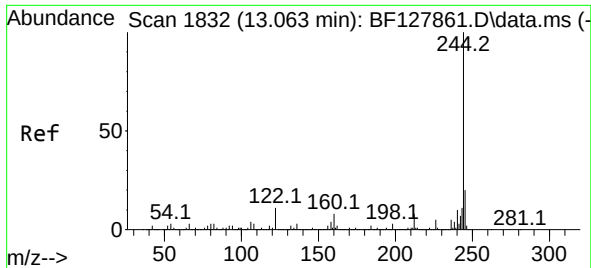


#77
Benzidine
Concen: 3.518 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.253 min
Lab File: BF128117.D
Acq: 06 May 2022 10:37



Tgt Ion:184 Resp: 23433
Ion Ratio Lower Upper
184 100
185 14.7 12.1 18.1
183 6.7 9.0 13.4

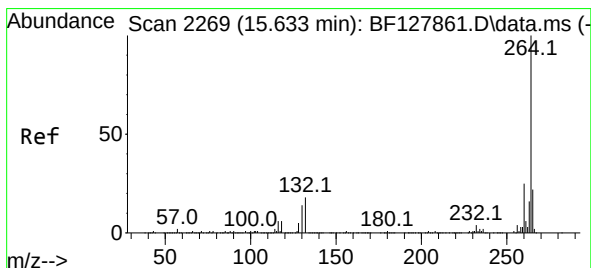
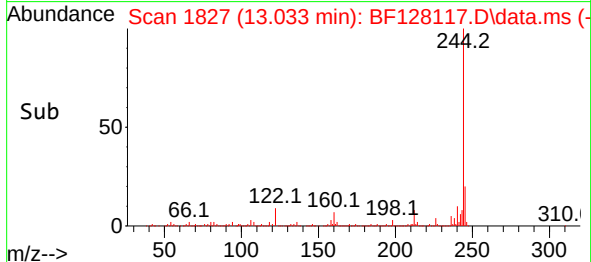
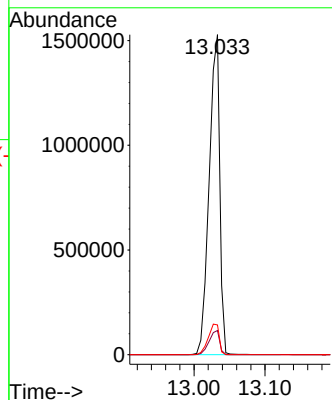
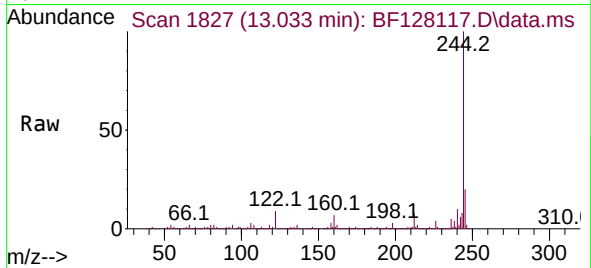




#79
 Terphenyl-d14
 Concen: 82.443 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128117.D
 Acq: 06 May 2022 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB144601BL

Tgt Ion:244 Resp: 1587307
 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: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128117.D
 Acq: 06 May 2022 10:37

Tgt Ion:264 Resp: 272174
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 22.3 17.5 26.3

