

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128023.D
 Acq On : 02 May 2022 13:51
 Operator : CG\JU
 Sample : N2602-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-20-SB2-BK-PRISON

Quant Time: May 02 14:39:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

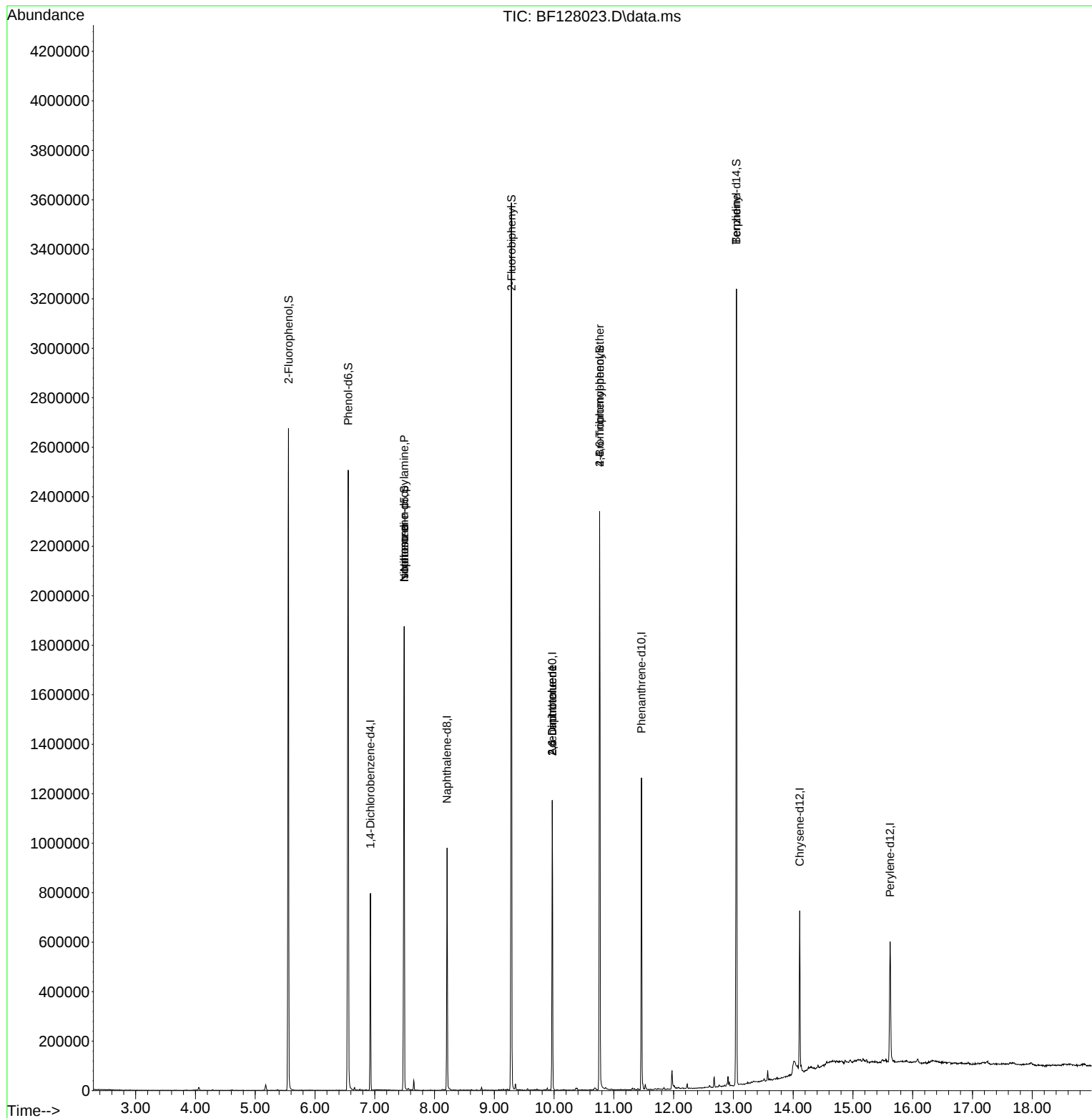
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	100735	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	390700	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	233028	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	429509	20.000	ng	0.00
76) Chrysene-d12	14.110	240	214899	20.000	ng	0.00
86) Perylene-d12	15.621	264	216602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	664184	105.018	ng	0.00
7) Phenol-d6	6.557	99	864515	105.346	ng	0.00
23) Nitrobenzene-d5	7.492	82	632784	76.161	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	269089	114.710	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1054797	76.576	ng	0.00
79) Terphenyl-d14	13.051	244	1086038	92.410	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	86327	17.185	ng	# 80
25) Isophorone	7.492	82	630388	45.080	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	30449	8.999	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	30449	6.794	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	17361	3.646	ng	# 1
77) Benzydine	13.051	184	15452	3.800	ng	# 95

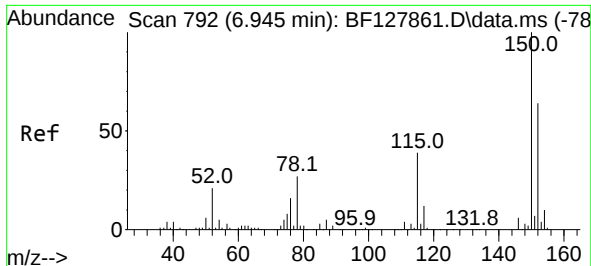
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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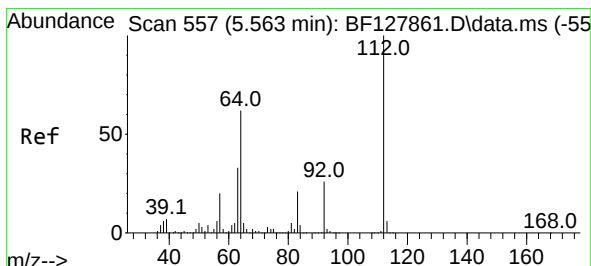
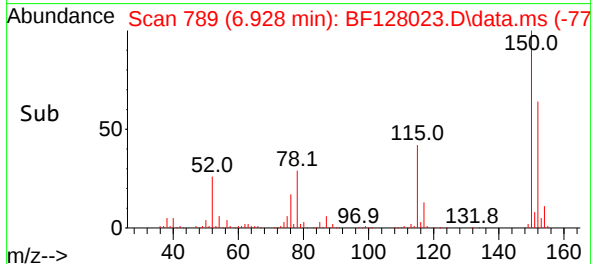
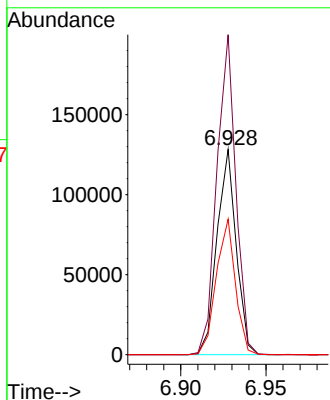
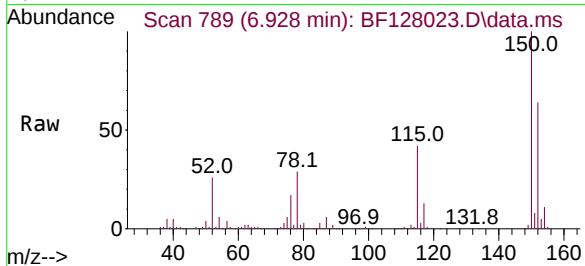




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

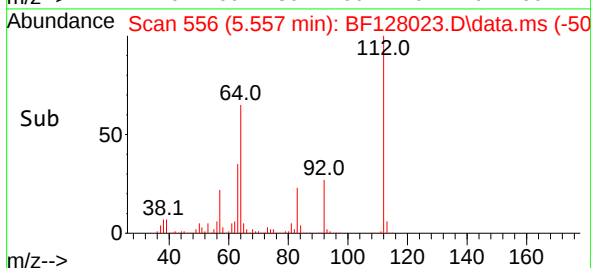
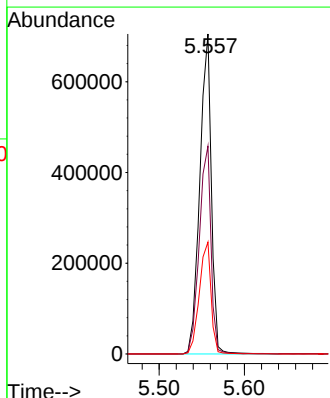
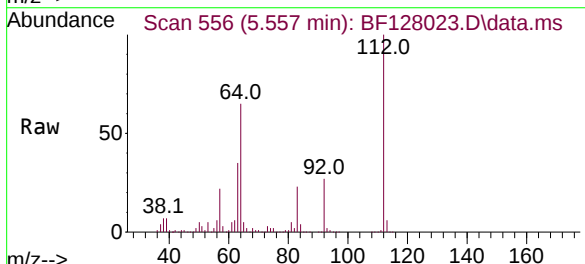
Instrument :
BNA_F
ClientSampleId :
12-20-SB2-BK-PRISON

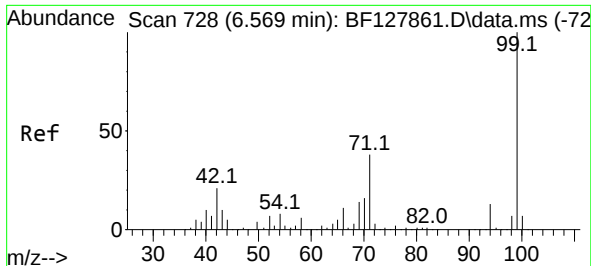
Tgt Ion:152 Resp: 100735
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 66.0 48.8 73.2



#5
2-Fluorophenol
Concen: 105.018 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

Tgt Ion:112 Resp: 664184
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 34.9 26.3 39.5

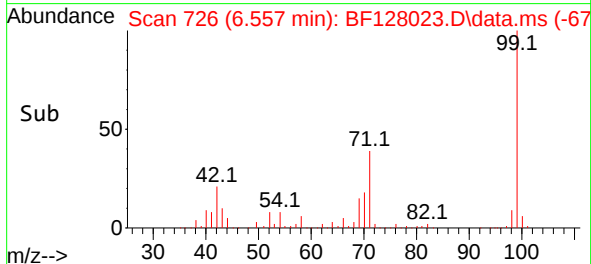
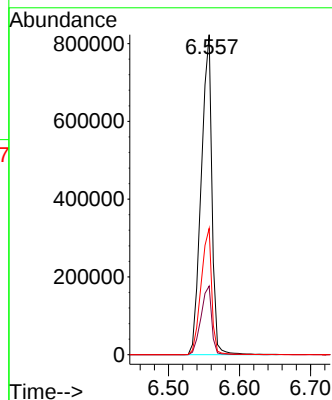
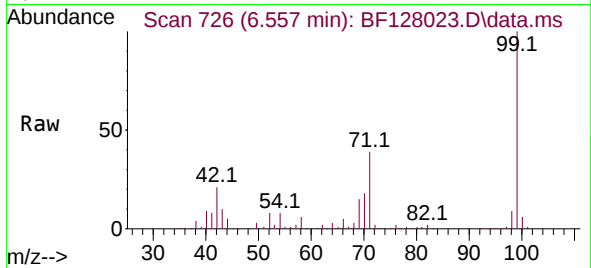




#7
Phenol-d6
Concen: 105.346 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

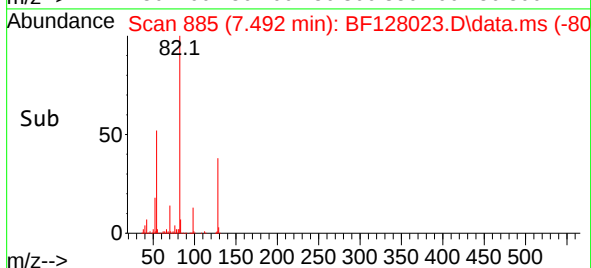
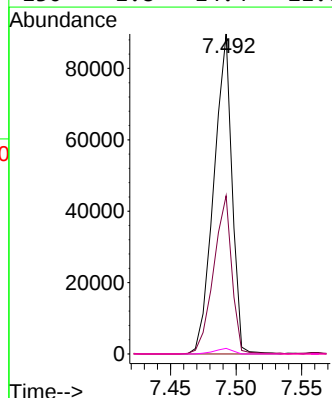
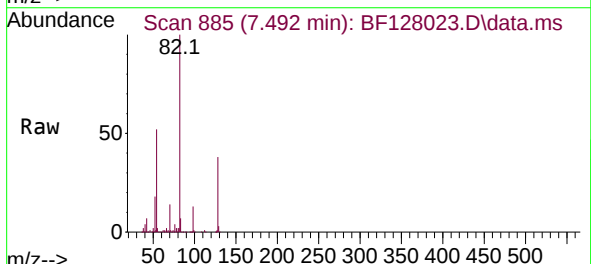
Instrument :
BNA_F
ClientSampleId :
12-20-SB2-BK-PRISON

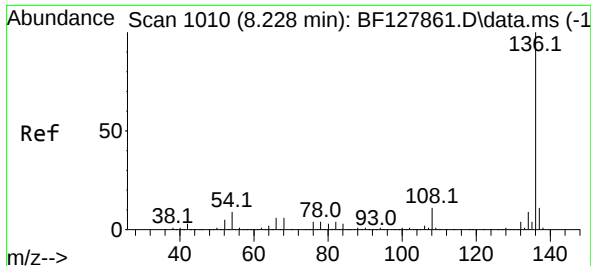
Tgt Ion: 99 Resp: 864515
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 39.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.185 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

Tgt Ion: 70 Resp: 86327
Ion Ratio Lower Upper
70 100
42 49.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

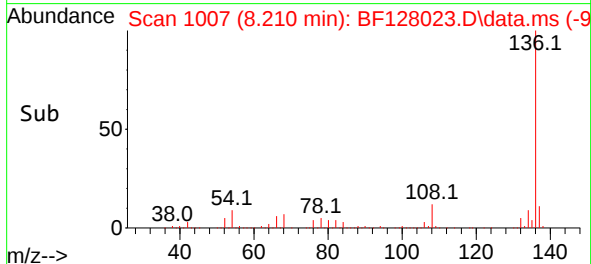
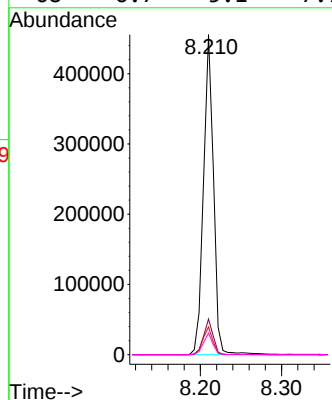
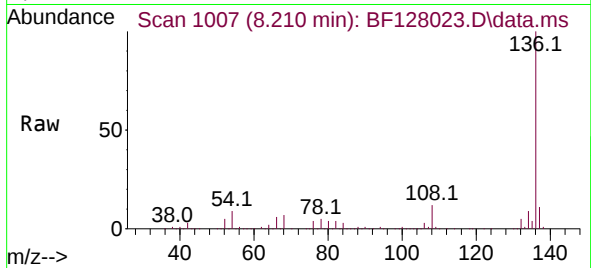




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

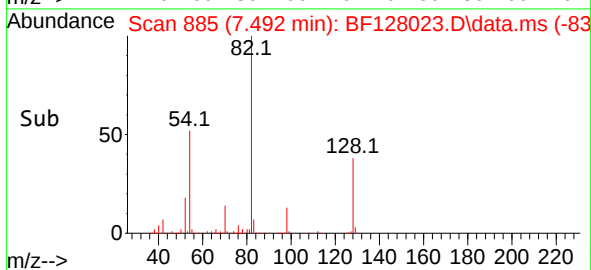
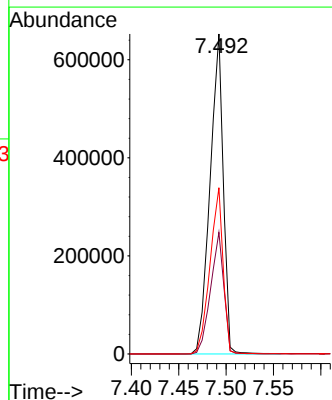
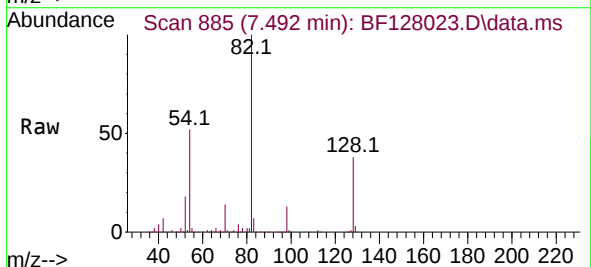
Instrument :
BNA_F
ClientSampleId :
12-20-SB2-BK-PRISON

Tgt Ion:	136	Resp:	390700
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.7	6.8	10.2
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 76.161 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

Tgt Ion:	82	Resp:	632784
Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.0	45.0
54	52.0	41.3	61.9

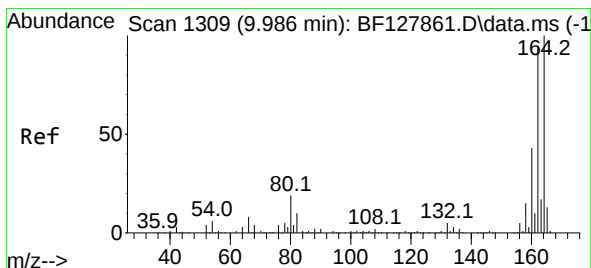
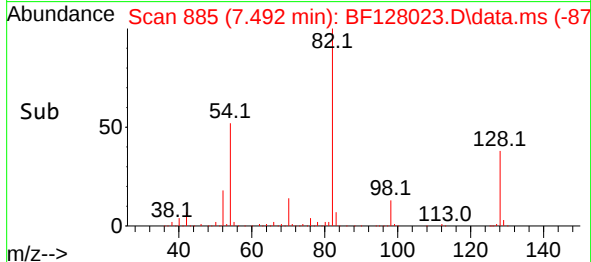
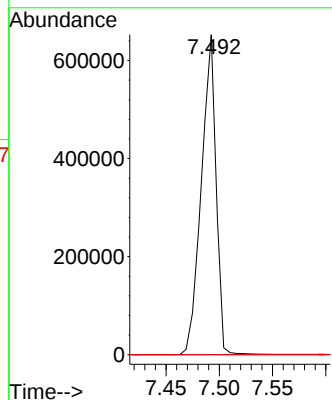
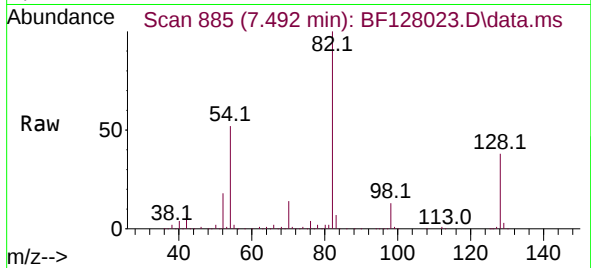




#25
Isophorone
Concen: 45.080 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

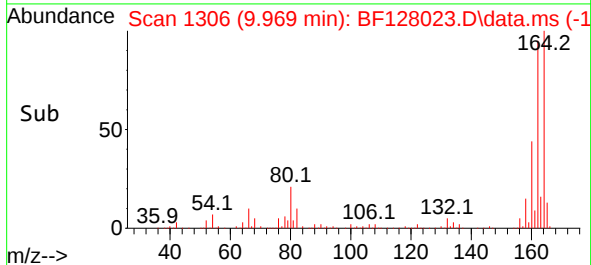
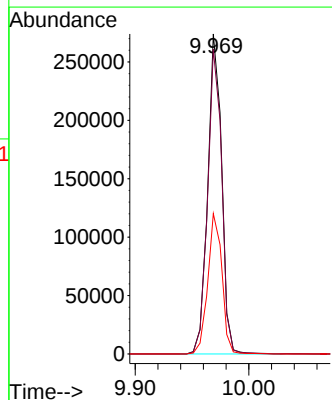
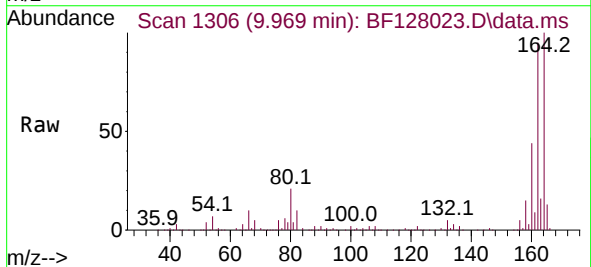
Instrument :
BNA_F
ClientSampleId :
12-20-SB2-BK-PRISON

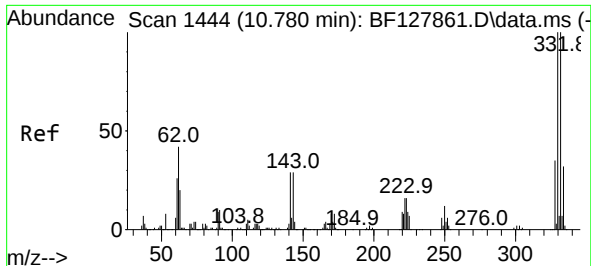
Tgt Ion: 82 Resp: 630388
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

Tgt Ion: 164 Resp: 233028
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 43.9 34.8 52.2

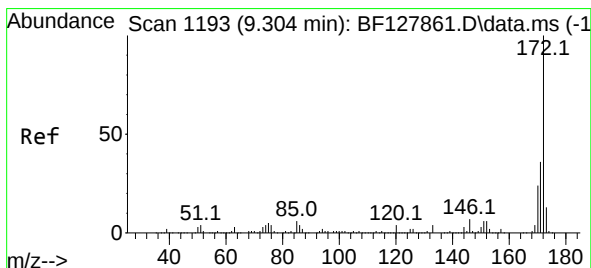
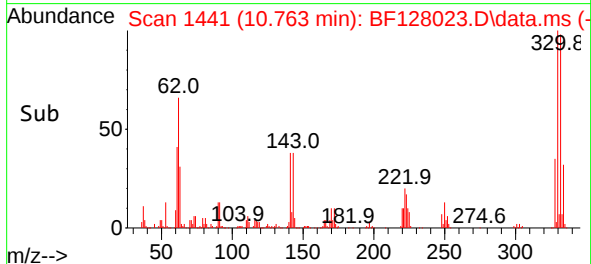
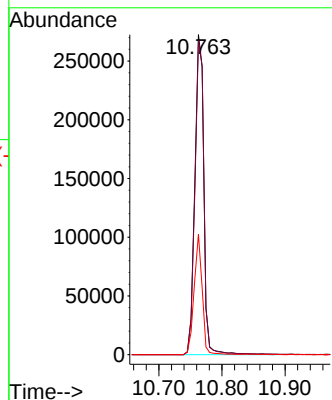
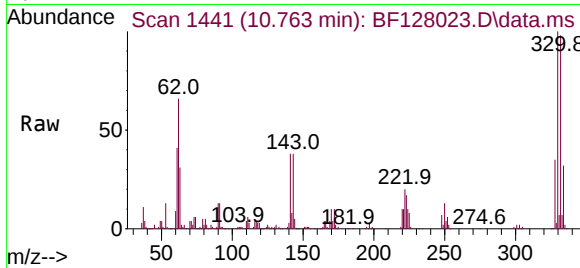




#42
2,4,6-Tribromophenol
Concen: 114.710 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

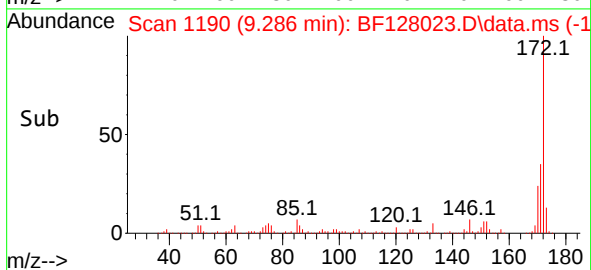
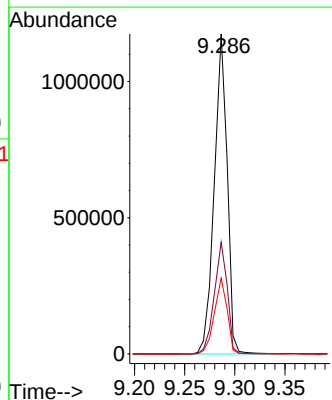
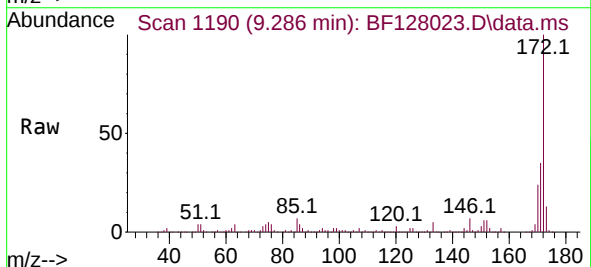
Instrument :
BNA_F
ClientSampleId :
12-20-SB2-BK-PRISON

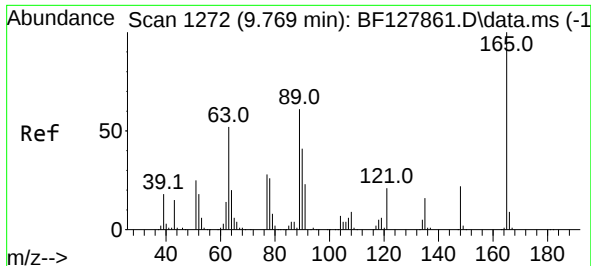
Tgt Ion:330 Resp: 269089
Ion Ratio Lower Upper
330 100
332 98.1 79.0 118.4
141 33.9 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 76.576 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

Tgt Ion:172 Resp: 1054797
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.7 19.1 28.7

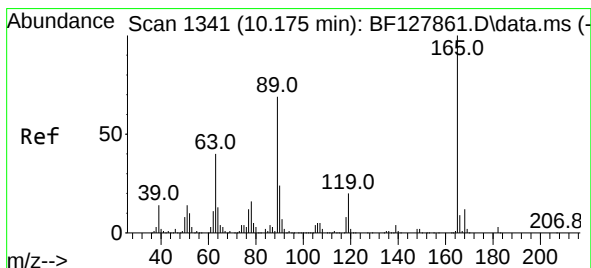
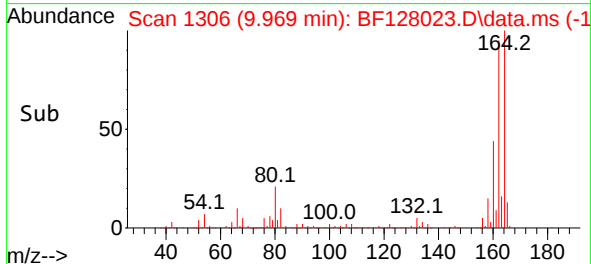
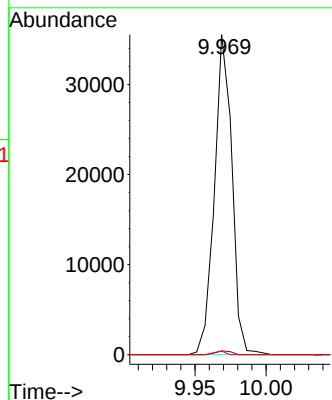
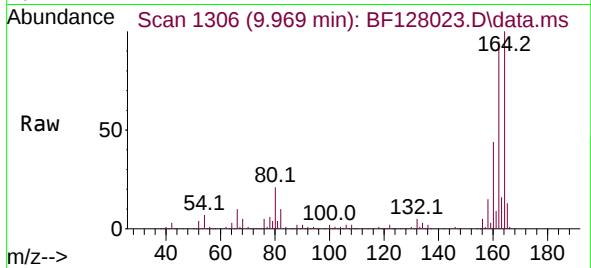




#51
2,6-Dinitrotoluene
Concen: 8.999 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

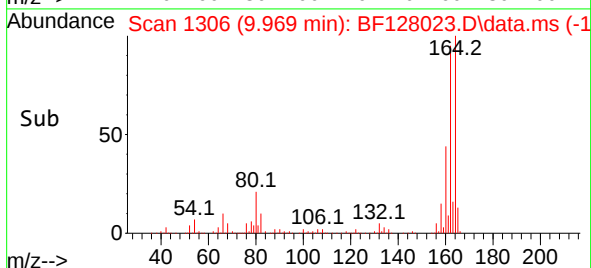
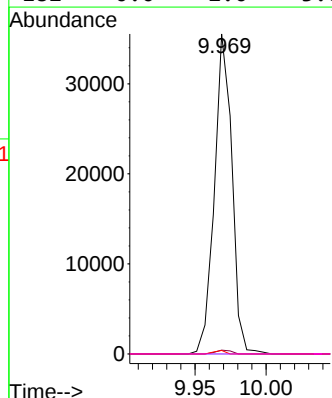
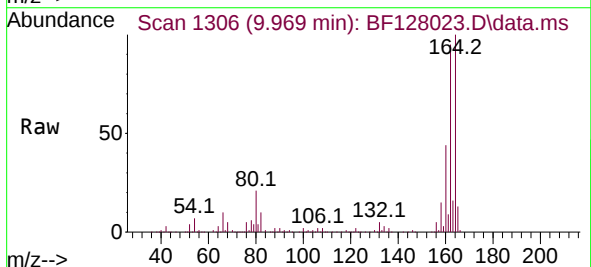
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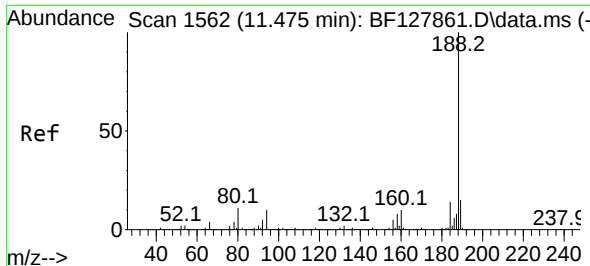
Tgt Ion:165 Resp: 30449
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.794 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

Tgt Ion:165 Resp: 30449
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

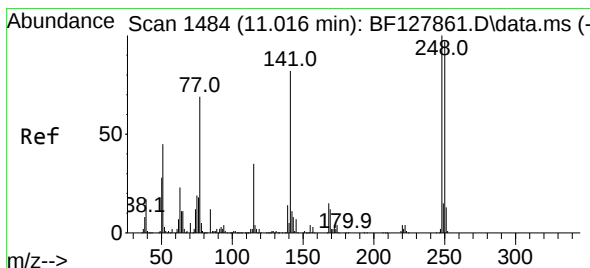
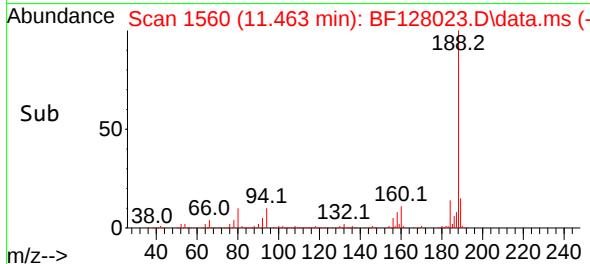
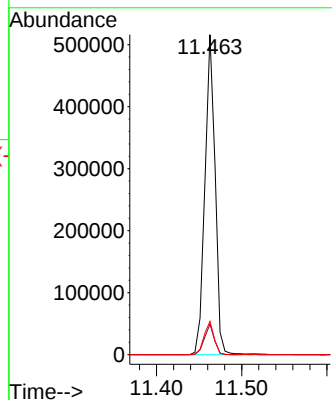
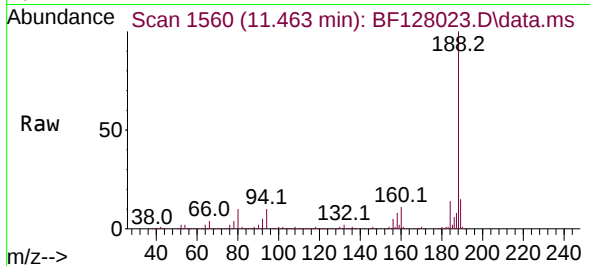




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

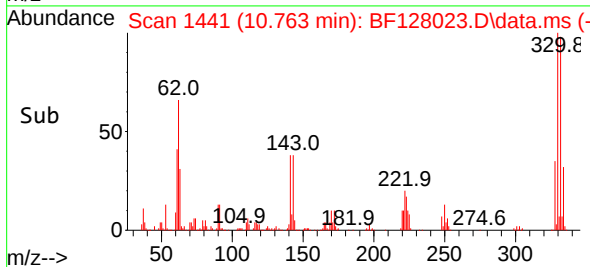
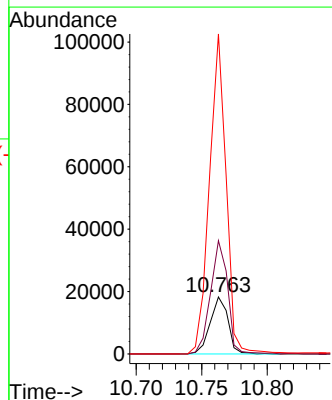
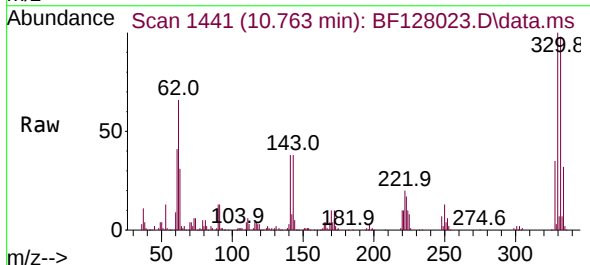
Instrument :
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ClientSampleId :
12-20-SB2-BK-PRISON

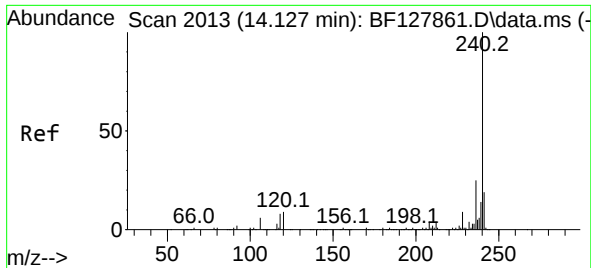
Tgt Ion:188 Resp: 429509
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.646 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

Tgt Ion:248 Resp: 17361
Ion Ratio Lower Upper
248 100
250 198.8 77.7 116.5#
141 561.5 65.6 98.4#

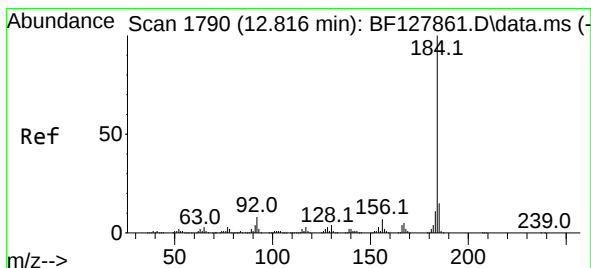
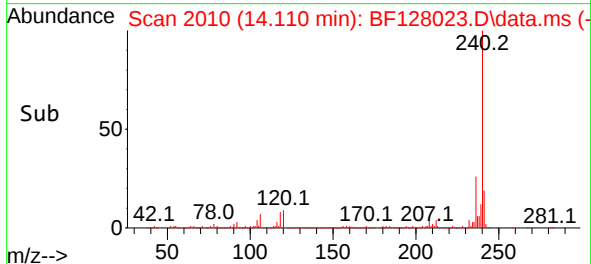
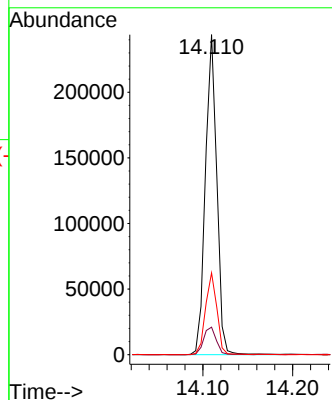
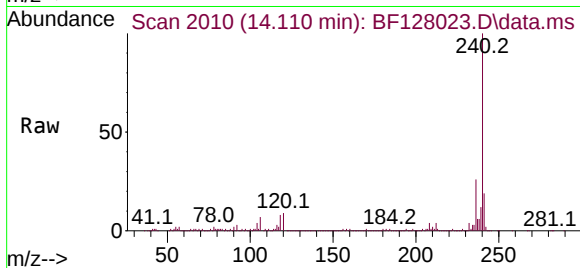




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

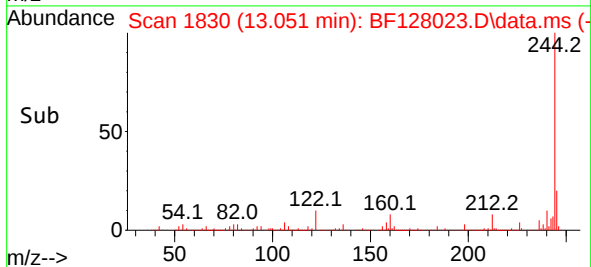
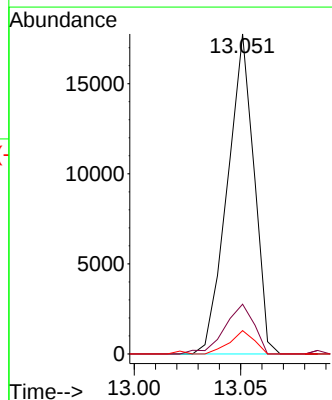
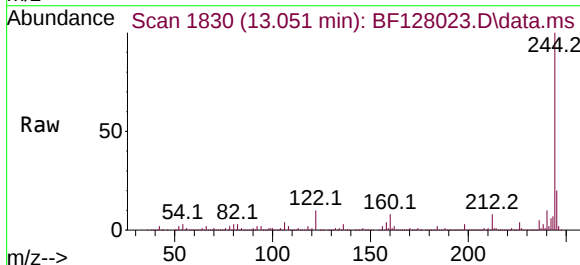
Instrument :
BNA_F
ClientSampleId :
12-20-SB2-BK-PRISON

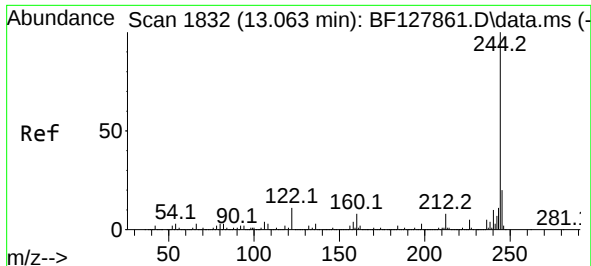
Tgt Ion:240 Resp: 214899
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.5 20.3 30.5



#77
Benzidine
Concen: 3.800 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF128023.D
Acq: 02 May 2022 13:51

Tgt Ion:184 Resp: 15452
Ion Ratio Lower Upper
184 100
185 15.6 12.1 18.1
183 7.3 9.0 13.4#

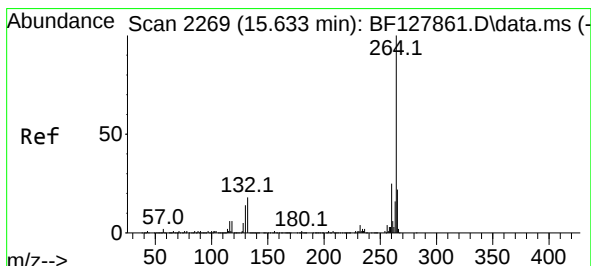
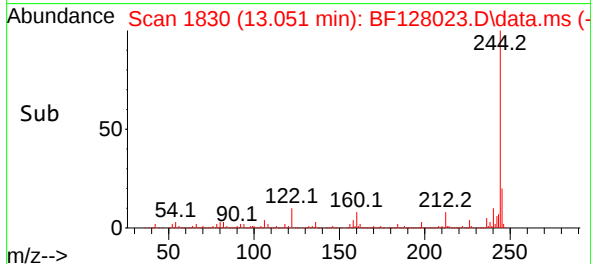
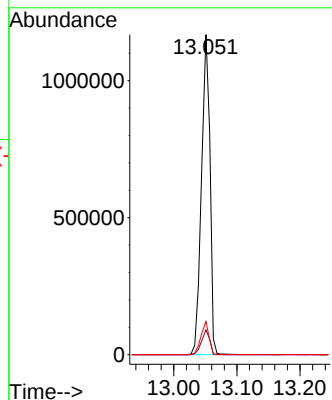
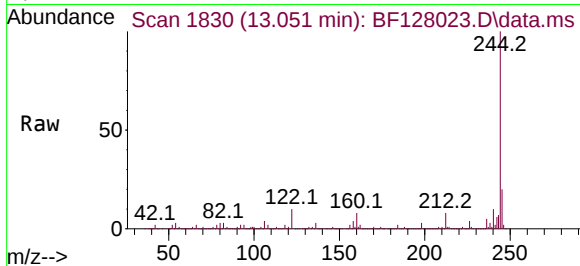




#79
 Terphenyl-d14
 Concen: 92.410 ng
 RT: 13.051 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF128023.D
 Acq: 02 May 2022 13:51

Instrument :
 BNA_F
 ClientSampleId :
 12-20-SB2-BK-PRISON

Tgt Ion:244 Resp: 1086038
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. 0.000 min
 Lab File: BF128023.D
 Acq: 02 May 2022 13:51

Tgt Ion:264 Resp: 216602
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.0 17.5 26.3

