

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128259.D
 Acq On : 16 May 2022 10:39
 Operator : CG\JU
 Sample : PB144723TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144723TB

Quant Time: May 16 15:29:33 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)

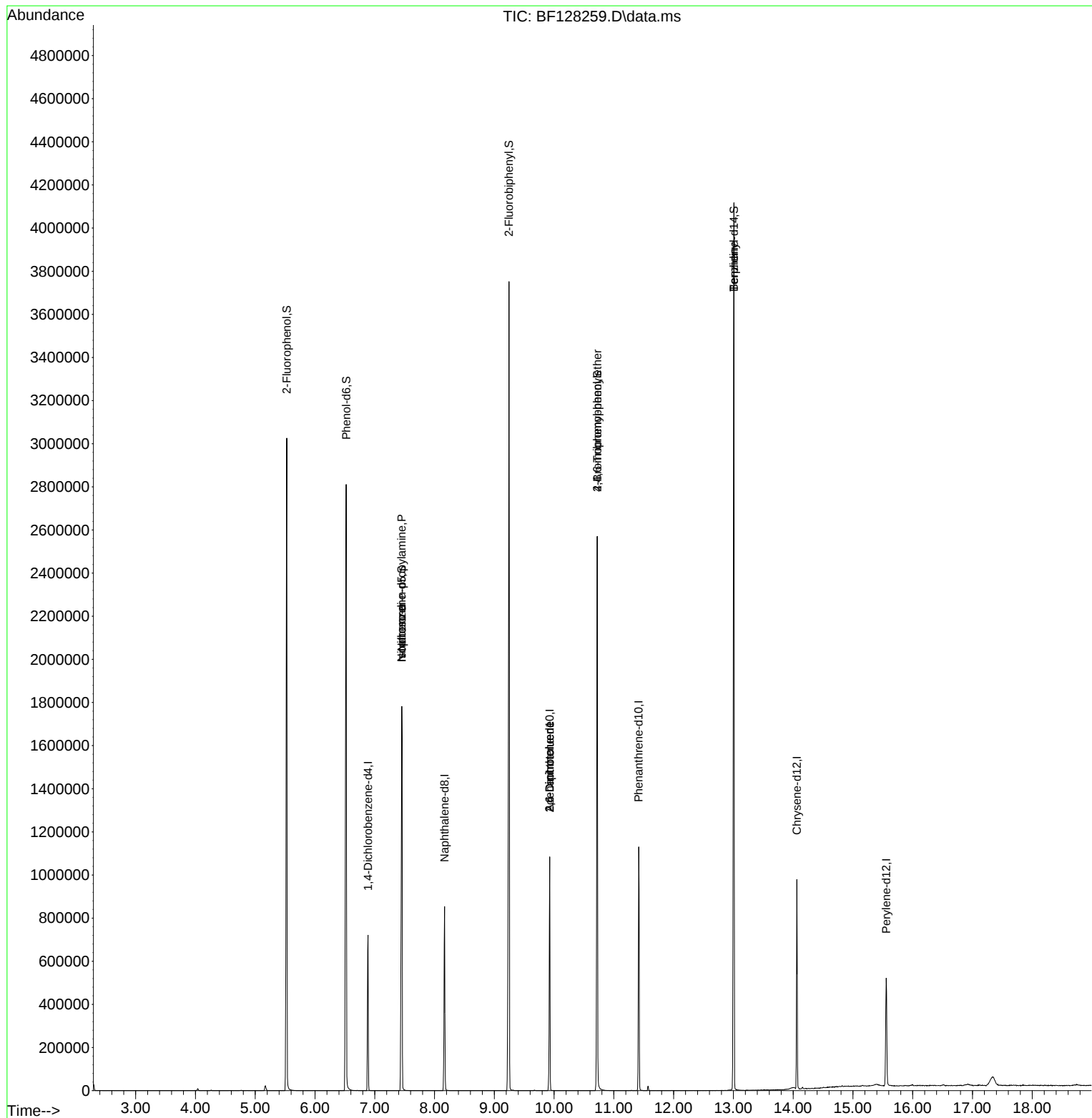
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	100611	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	392425	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	227560	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	416562	20.000	ng	0.00
76) Chrysene-d12	14.063	240	310873	20.000	ng	0.00
86) Perylene-d12	15.557	264	238626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	795211	125.998	ng	0.02
7) Phenol-d6	6.522	99	1026586	122.978	ng	0.00
23) Nitrobenzene-d5	7.451	82	765043	87.722	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	321715	123.270	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1252983	86.155	ng	0.00
79) Terphenyl-d14	13.010	244	1502238	90.674	ng	0.00
Target Compounds						
9) Benzaldehyde	6.522	77	1661	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.451	70	104437	20.316	ng	# 79
25) Isophorone	7.451	82	761741	55.712	ng	# 68
51) 2,6-Dinitrotoluene	9.927	165	28356	8.803	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	28356	6.583	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	19511	4.354	ng	# 1
77) Benizidine	13.010	184	21639	3.214	ng	# 94

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

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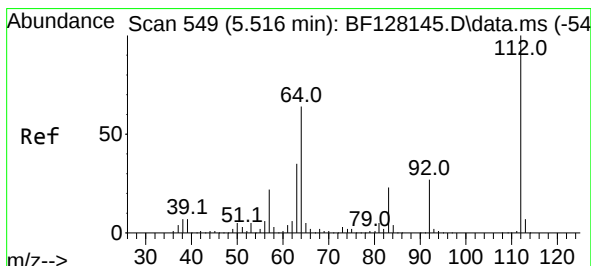
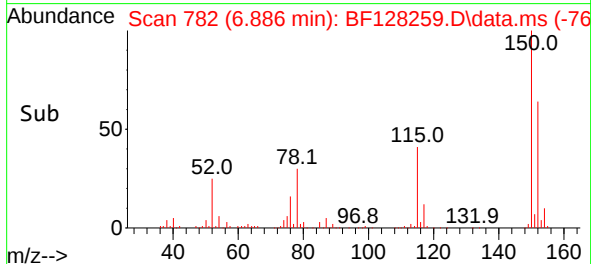
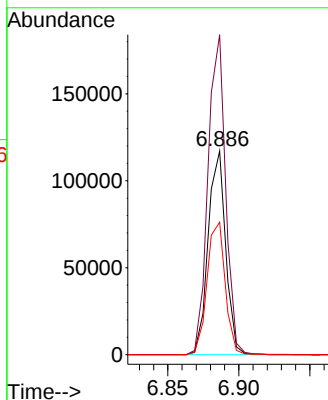
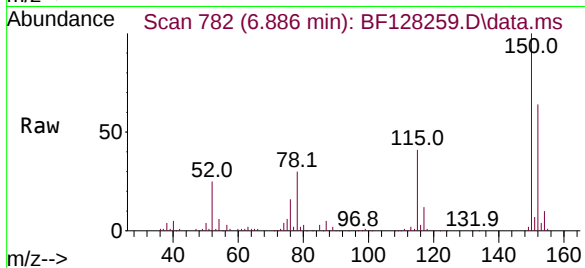




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF128259.D
 Acq: 16 May 2022 10:39

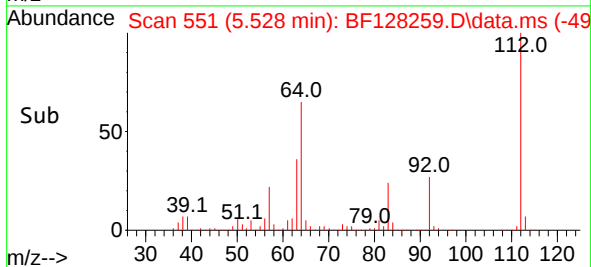
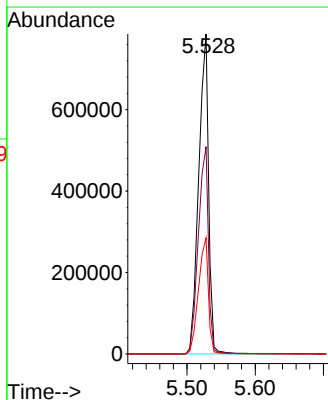
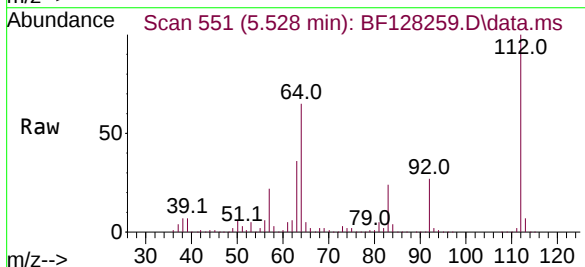
Instrument :
 BNA_F
 ClientSampleId :
 PB144723TB

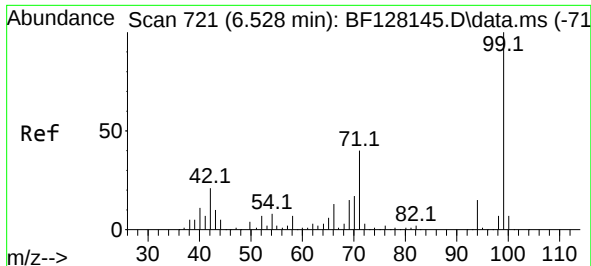
Tgt Ion:152 Resp: 100611
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.3 187.9
 115 65.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 125.998 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.018 min
 Lab File: BF128259.D
 Acq: 16 May 2022 10:39

Tgt Ion:112 Resp: 795211
 Ion Ratio Lower Upper
 112 100
 64 64.8 49.5 74.3
 63 36.3 26.3 39.5

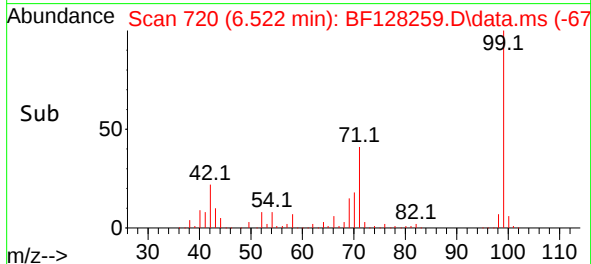
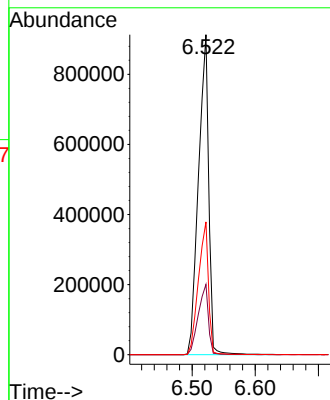
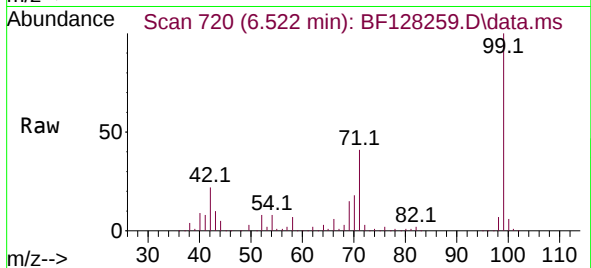




#7
Phenol-d6
Concen: 122.978 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

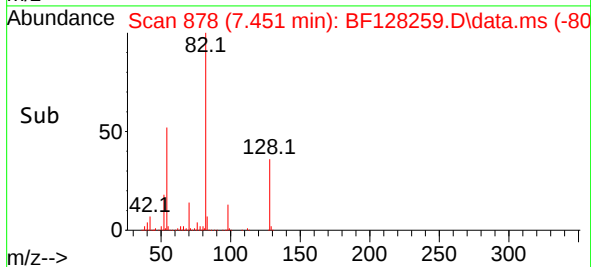
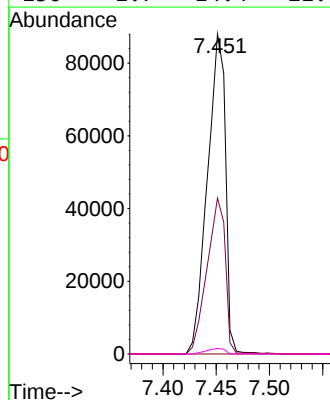
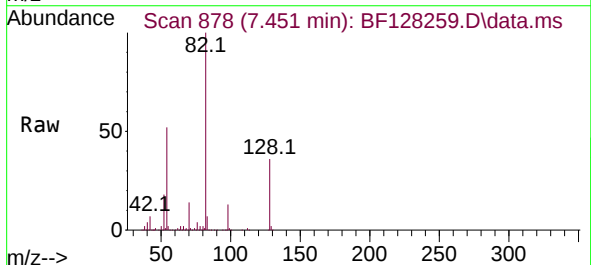
Instrument :
BNA_F
ClientSampleId :
PB144723TB

Tgt Ion: 99 Resp: 1026586
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.316 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

Tgt Ion: 70 Resp: 104437
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

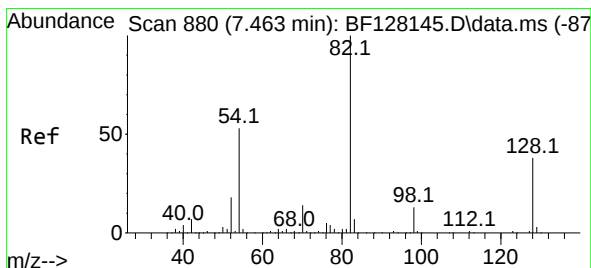
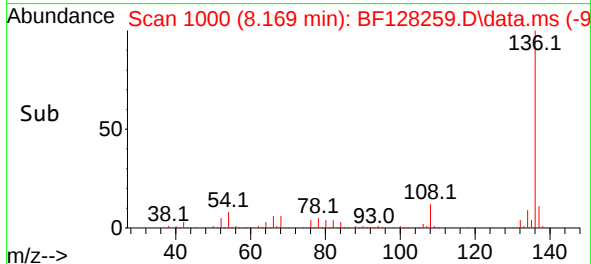
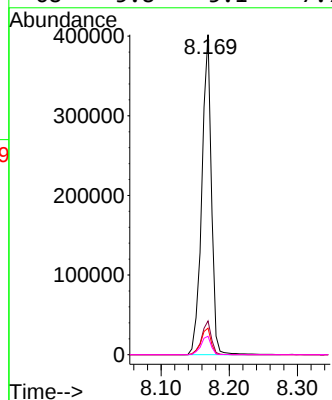
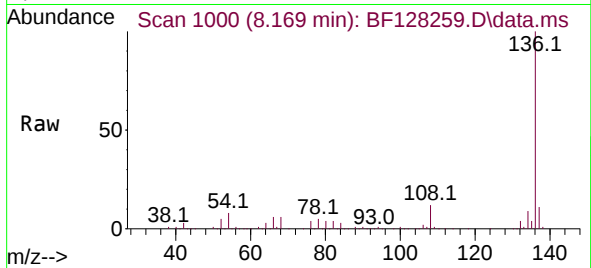




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

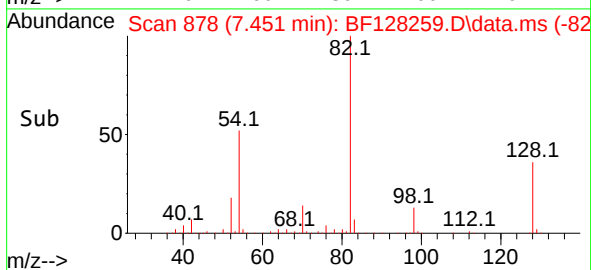
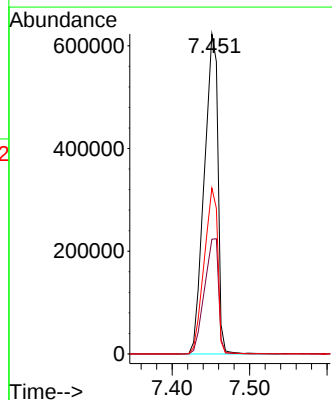
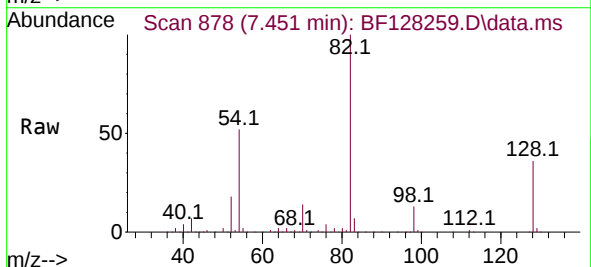
Instrument :
BNA_F
ClientSampleId :
PB144723TB

Tgt Ion:136	Resp: 392425
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 13.0
54 8.3	6.8 10.2
68 5.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 87.722 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

Tgt Ion: 82	Resp: 765043
Ion Ratio	Lower Upper
82 100	
128 35.9	30.0 45.0
54 51.9	41.3 61.9

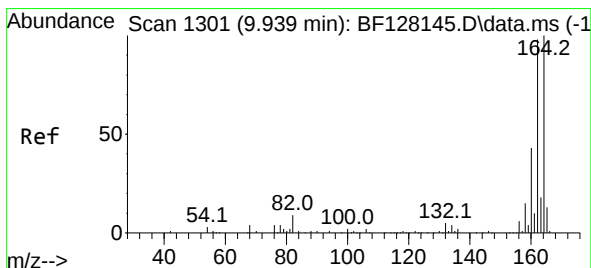
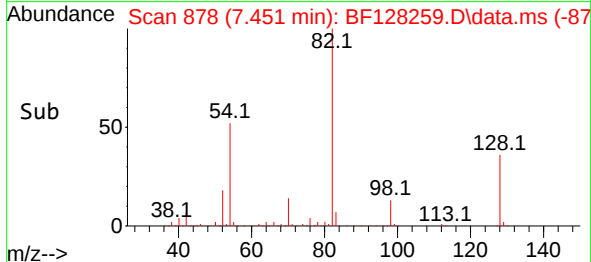
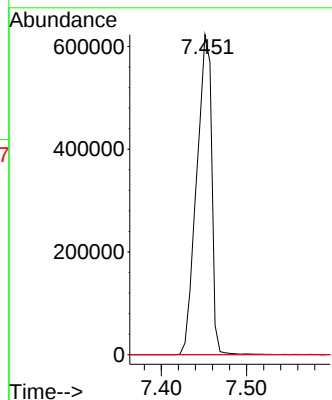
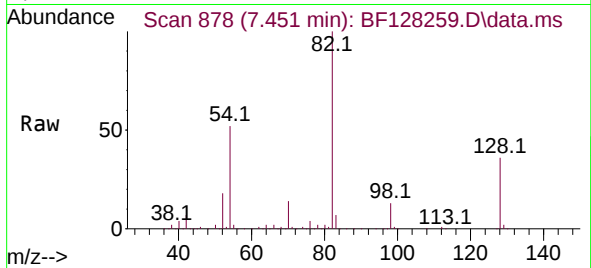




#25
Isophorone
Concen: 55.712 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

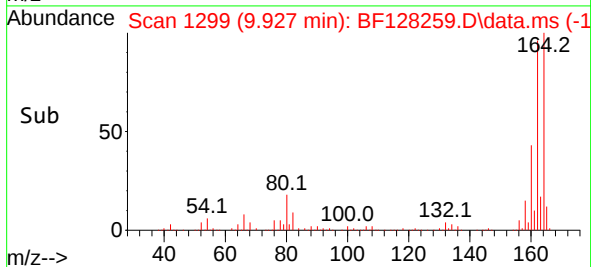
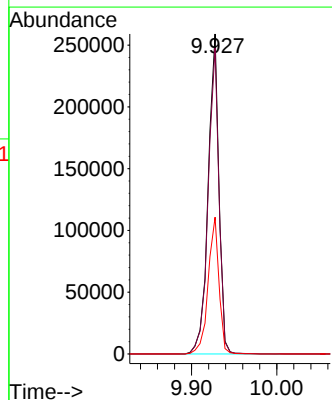
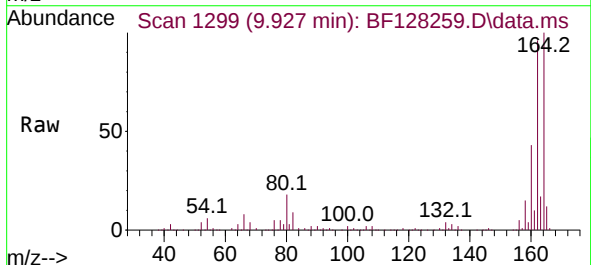
Instrument :
BNA_F
ClientSampleId :
PB144723TB

Tgt Ion: 82 Resp: 761741
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: 9.927 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

Tgt Ion:164 Resp: 227560
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 42.8 34.8 52.2

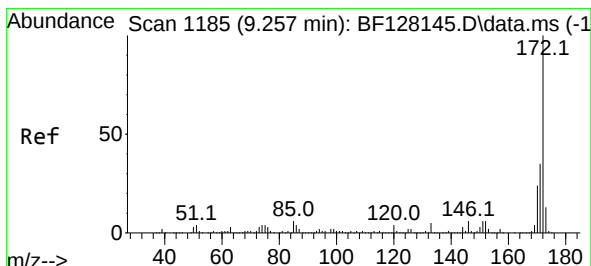
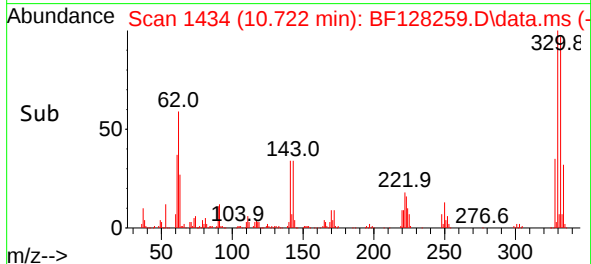
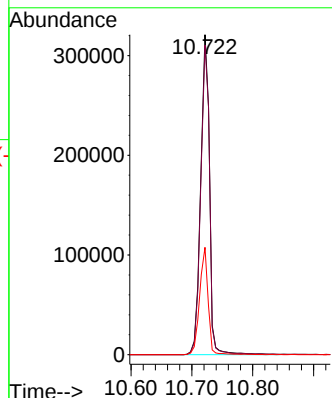
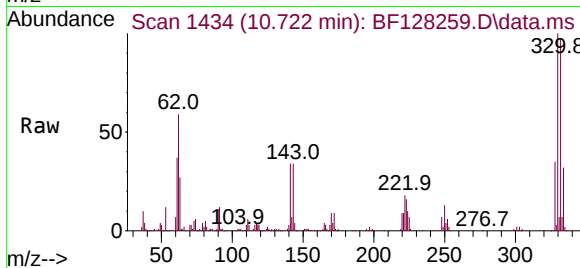




#42
2,4,6-Tribromophenol
Concen: 123.270 ng
RT: 10.722 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

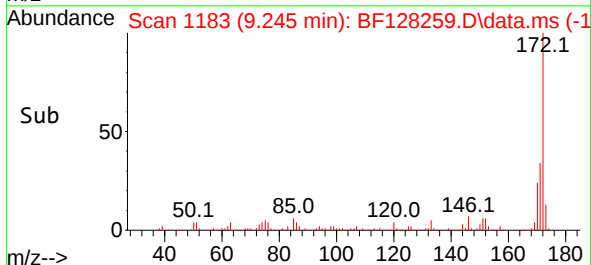
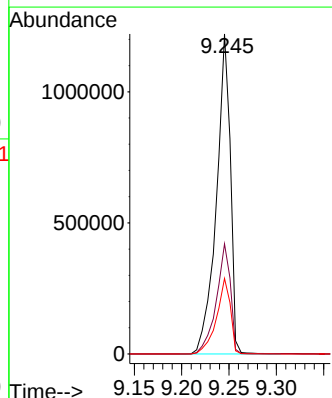
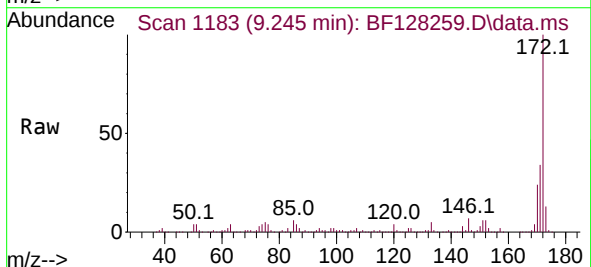
Instrument :
BNA_F
ClientSampleId :
PB144723TB

Tgt Ion: 330 Resp: 321715
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 32.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 86.155 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

Tgt Ion: 172 Resp: 1252983
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.6 19.1 28.7

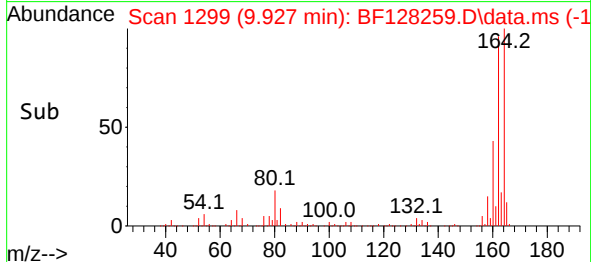
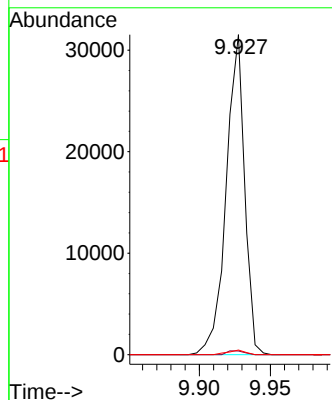
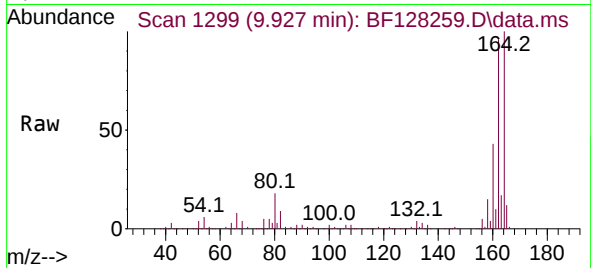




#51
2,6-Dinitrotoluene
Concen: 8.803 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

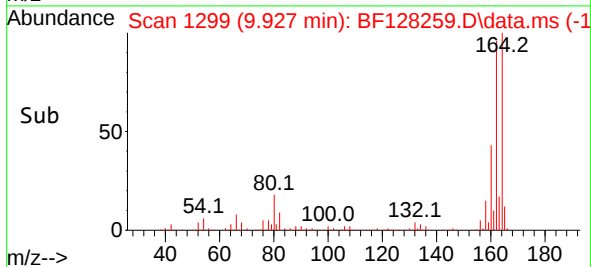
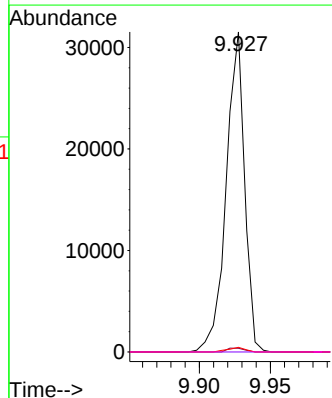
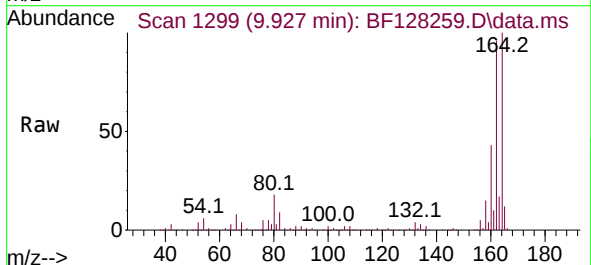
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BNA_F
ClientSampleId :
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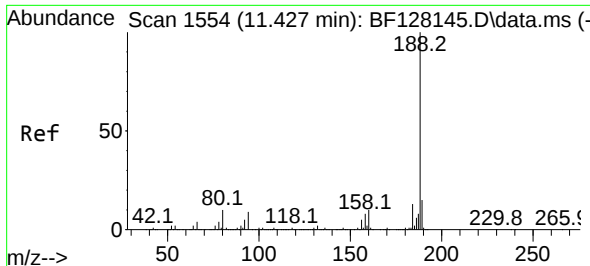
Tgt Ion:165 Resp: 28356
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.583 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

Tgt Ion:165 Resp: 28356
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

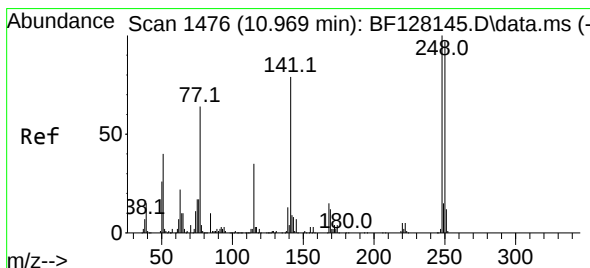
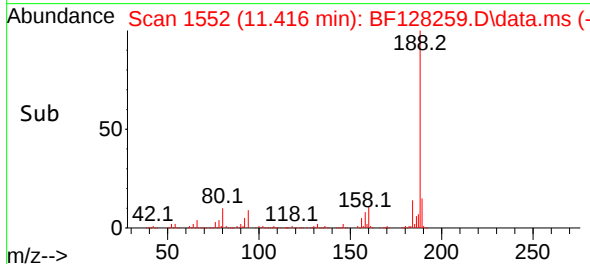
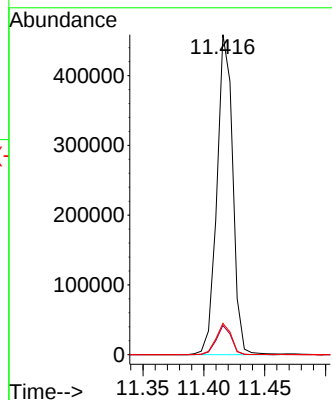
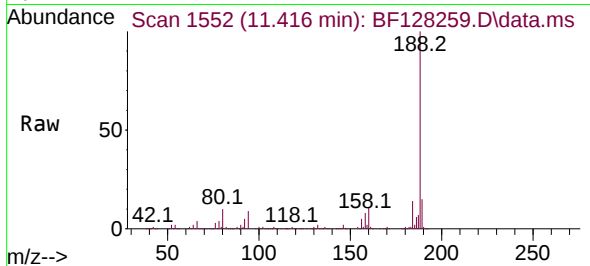




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

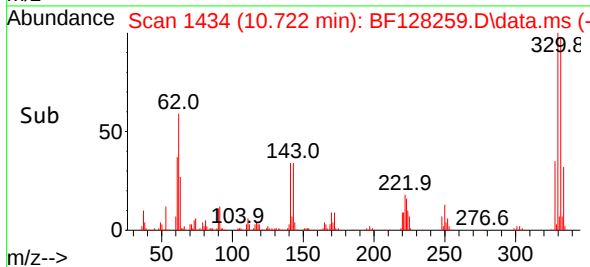
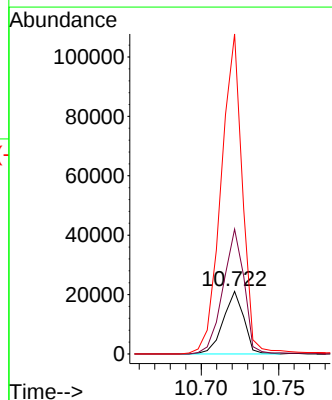
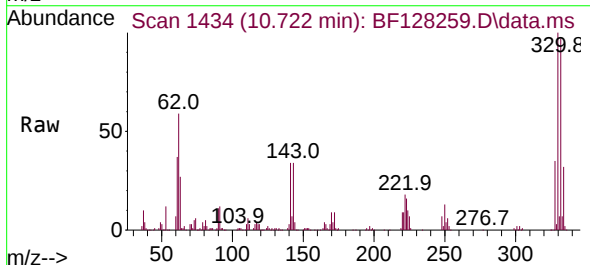
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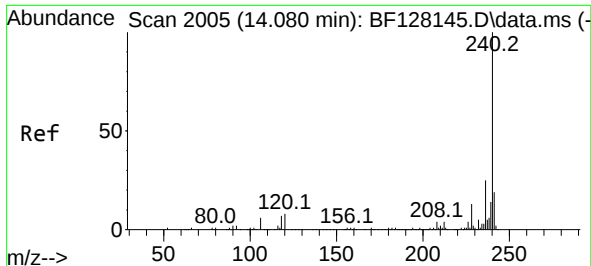
Tgt Ion:188 Resp: 416562
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.354 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.241 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

Tgt Ion:248 Resp: 19511
Ion Ratio Lower Upper
248 100
250 199.4 77.7 116.5#
141 511.4 65.6 98.4#

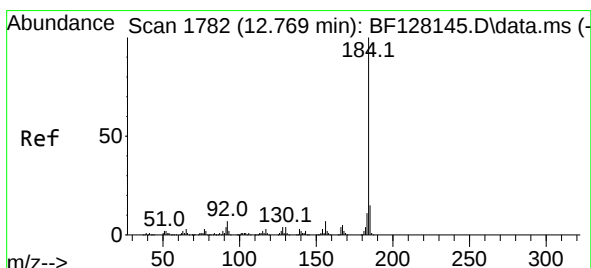
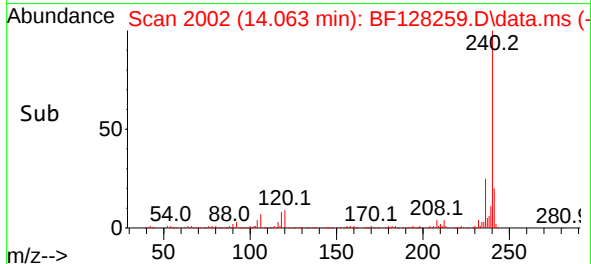
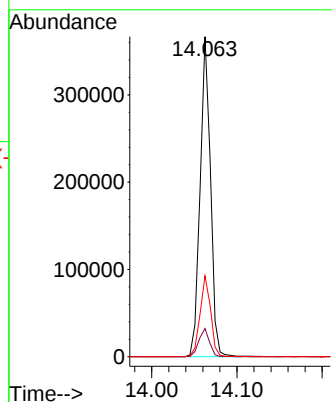
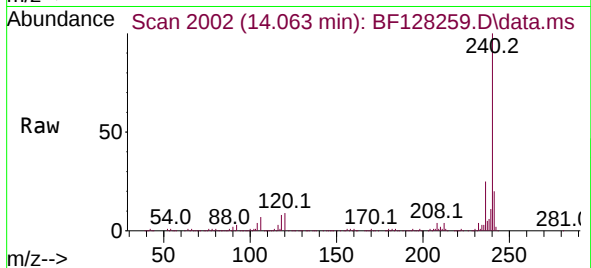




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

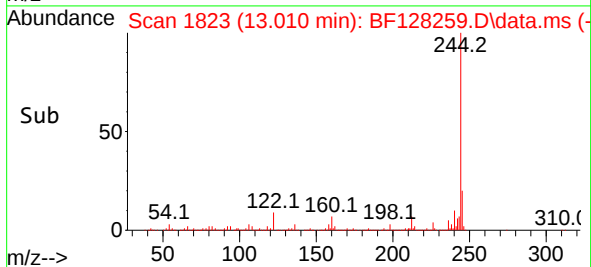
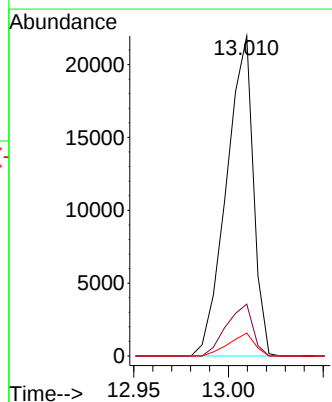
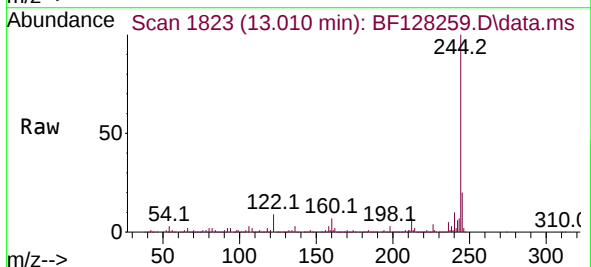
Instrument :
BNA_F
ClientSampleId :
PB144723TB

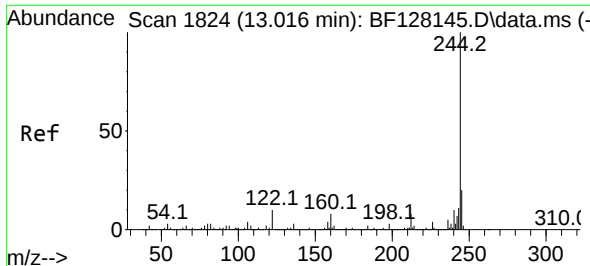
Tgt Ion:240 Resp: 310873
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.2 20.3 30.5



#77
Benzidine
Concen: 3.214 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.253 min
Lab File: BF128259.D
Acq: 16 May 2022 10:39

Tgt Ion:184 Resp: 21639
Ion Ratio Lower Upper
184 100
185 16.2 12.1 18.1
183 7.1 9.0 13.4#

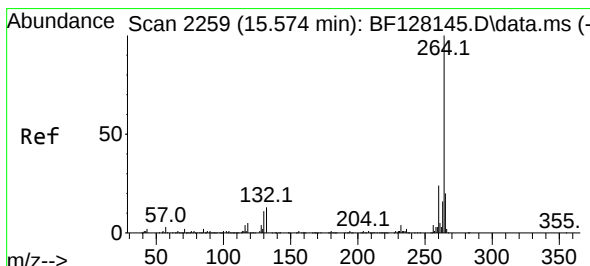
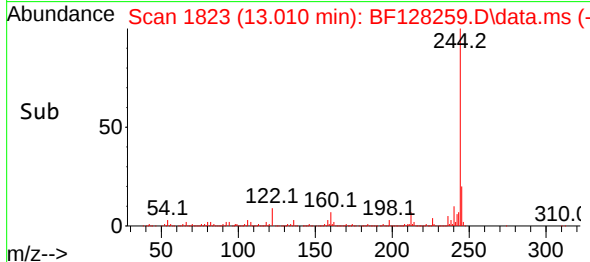
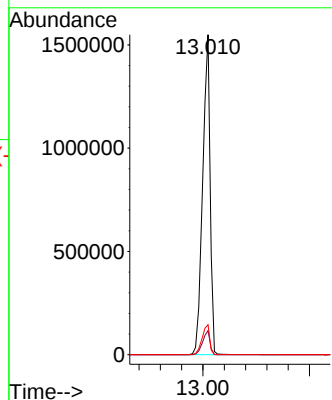
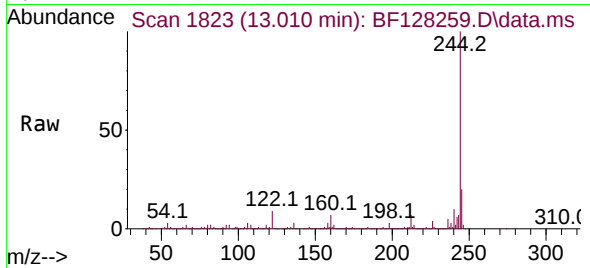




#79
 Terphenyl-d14
 Concen: 90.674 ng
 RT: 13.010 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF128259.D
 Acq: 16 May 2022 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB144723TB

Tgt Ion:244 Resp: 1502238
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.4 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: BF128259.D
 Acq: 16 May 2022 10:39

Tgt Ion:264 Resp: 238626
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.6 17.5 26.3

