

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128958.D
 Acq On : 23 Jun 2022 18:09
 Operator : CG\JU
 Sample : PB145722BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145722BL

Quant Time: Jun 24 04:32:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

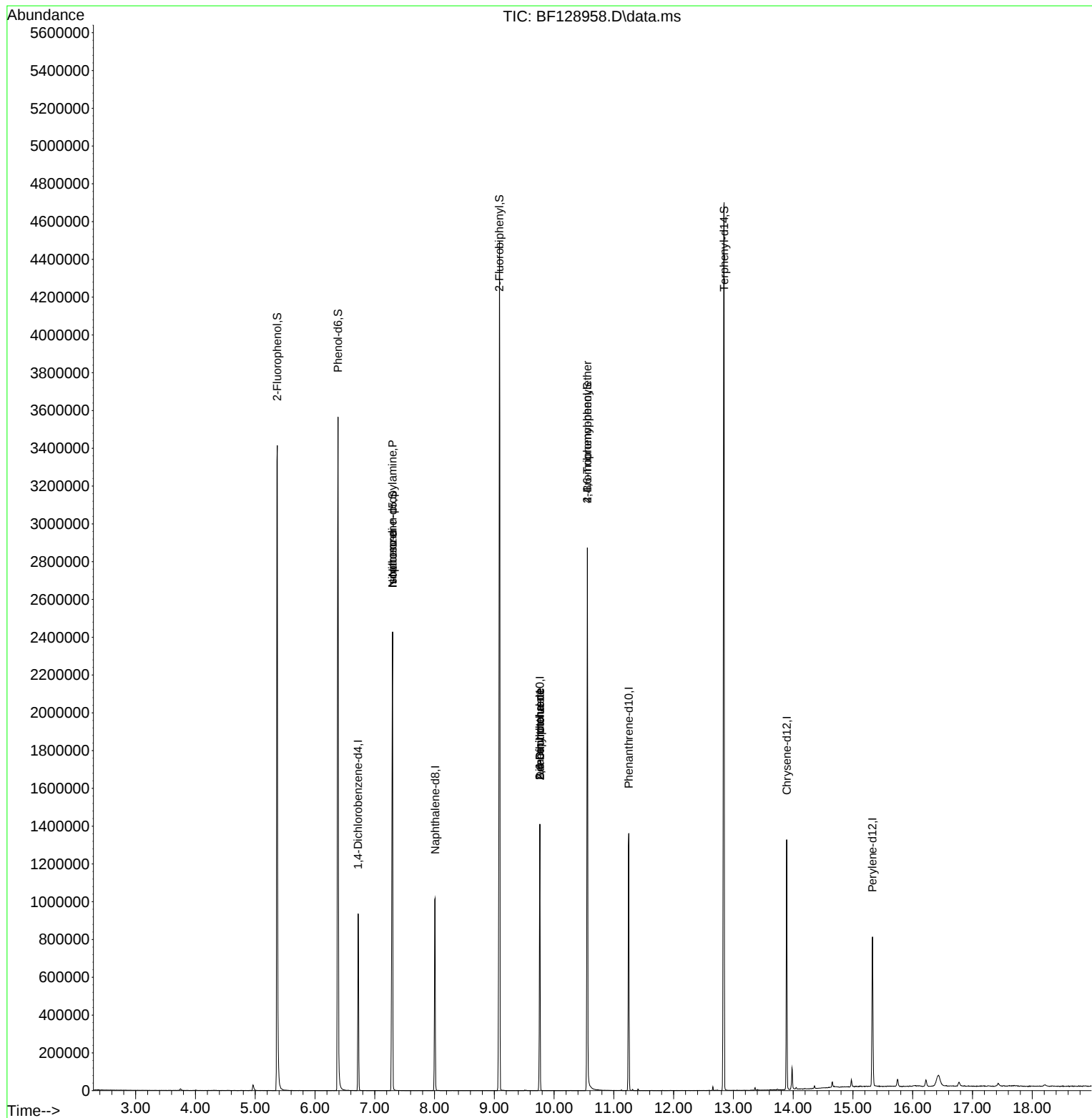
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	124676	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	479128	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	274787	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	528824	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	427322	20.000	ng	# 0.00
86) Perylene-d12	15.327	264	344952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	928336	118.602	ng	0.01
7) Phenol-d6	6.387	99	1159562	121.362	ng	0.00
23) Nitrobenzene-d5	7.298	82	855582	83.140	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	353876	108.994	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1577724	80.429	ng	0.00
79) Terphenyl-d14	12.845	244	1913766	77.820	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.298	70	122518	20.624	ng	# 76
25) Isophorone	7.298	82	826496	52.880	ng	# 65
50) Dimethylphthalate	9.763	163	51969	2.763	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	36817	9.918	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	36817	7.431	ng	# 21
67) 4-Bromophenyl-phenylether	10.557	248	22246	3.772	ng	# 1

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

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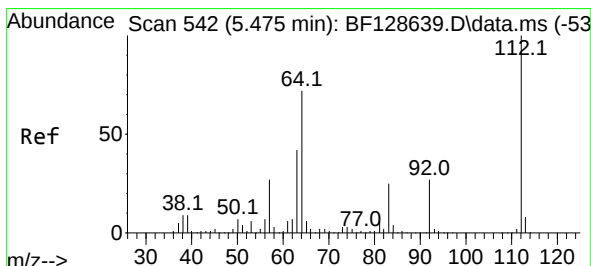
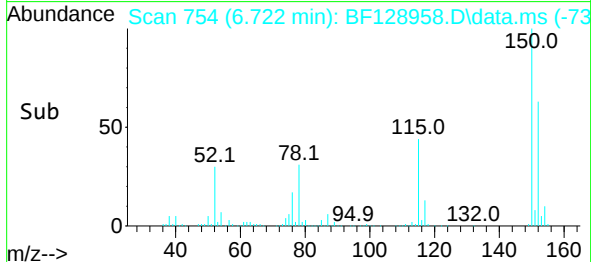
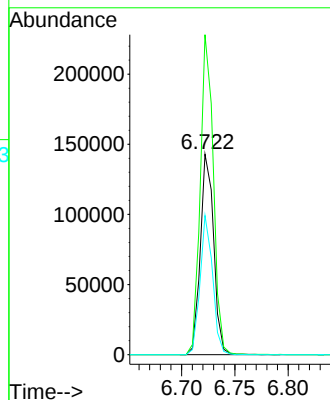
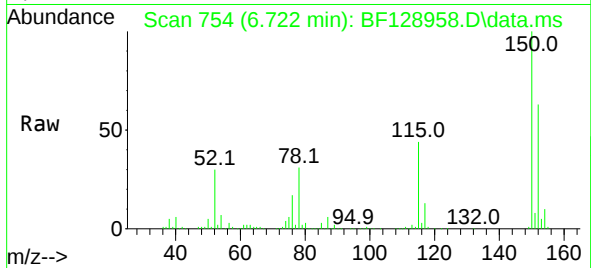




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

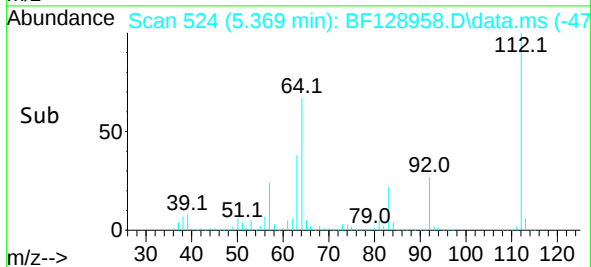
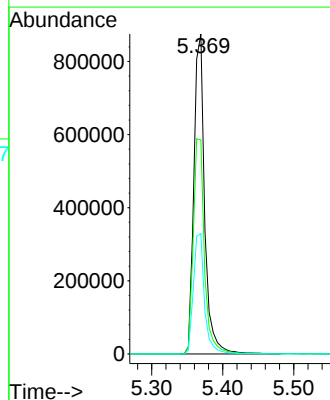
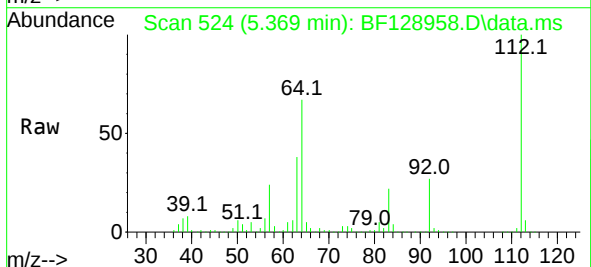
Instrument :
BNA_F
ClientSampleId :
PB145722BL

Tgt Ion:152 Resp: 124676
Ion Ratio Lower Upper
152 100
150 159.7 123.7 185.5
115 69.5 49.9 74.9



#5
2-Fluorophenol
Concen: 118.602 ng
RT: 5.369 min Scan# 524
Delta R.T. 0.012 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

Tgt Ion:112 Resp: 928336
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 37.6 28.0 42.0



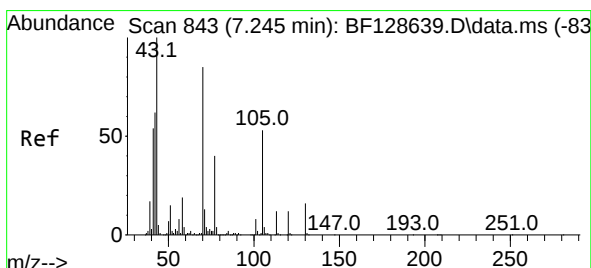
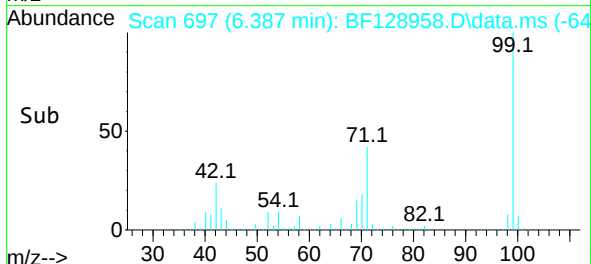
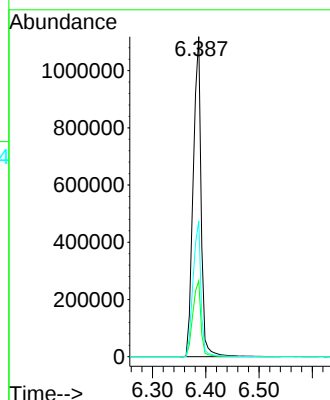
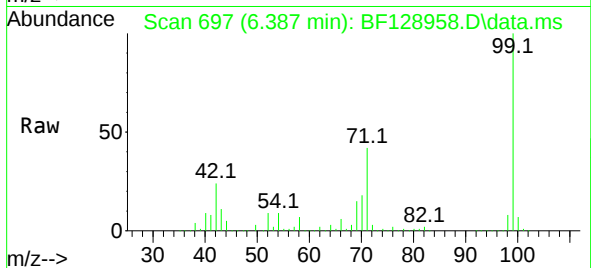


#7
Phenol-d6
Concen: 121.362 ng
RT: 6.387 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

Instrument :
BNA_F
ClientSampleId :
PB145722BL

Tgt Ion: 99 Resp: 1159562

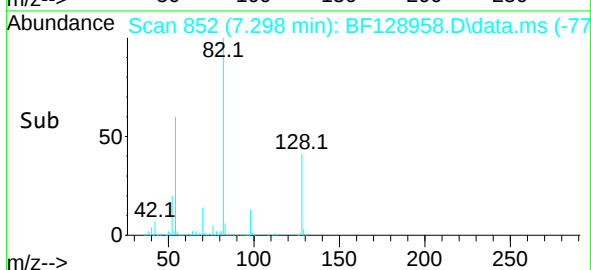
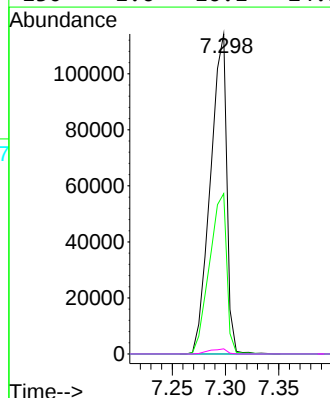
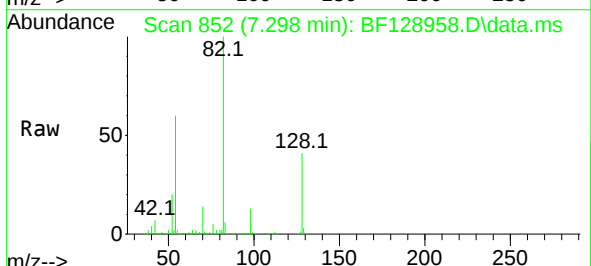
Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.3	25.9
71	42.4	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.624 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.147 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

Tgt Ion: 70 Resp: 122518

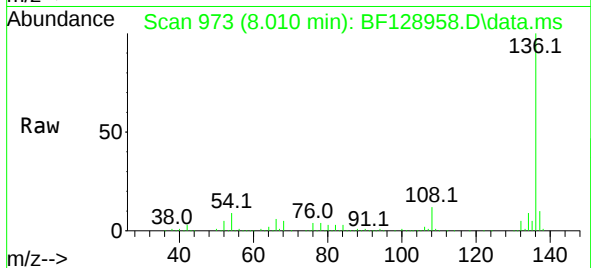
Ion	Ratio	Lower	Upper
70	100		
42	50.1	52.3	78.5#
101	0.0	7.5	11.3#
130	1.6	16.1	24.1#



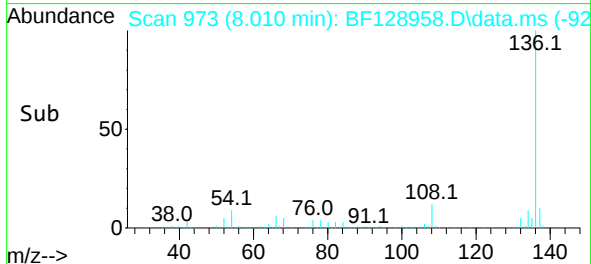
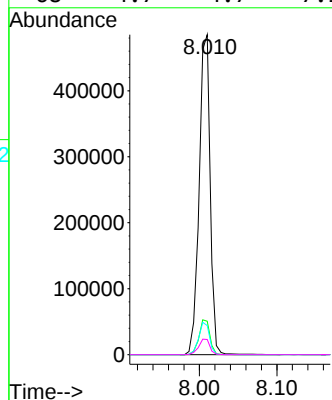


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

Instrument :
BNA_F
ClientSampleId :
PB145722BL

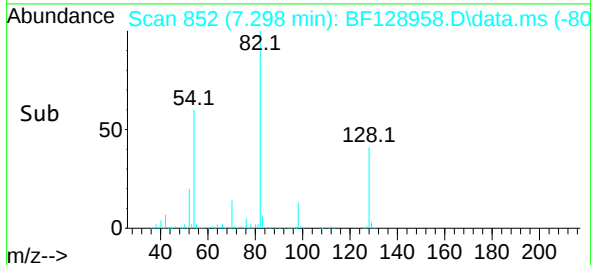
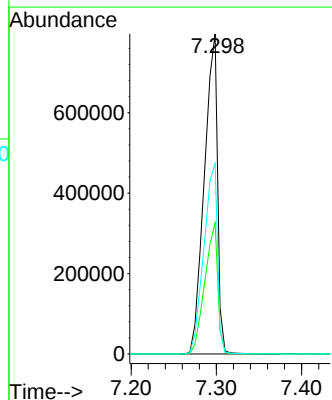
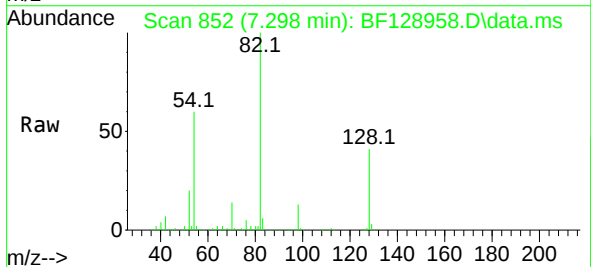


Tgt Ion:136 Resp: 479128
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.1 7.5 11.3
68 4.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.140 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

Tgt Ion: 82 Resp: 855582
Ion Ratio Lower Upper
82 100
128 41.0 34.0 51.0
54 59.5 46.9 70.3

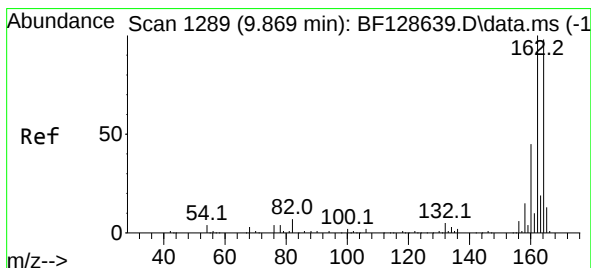
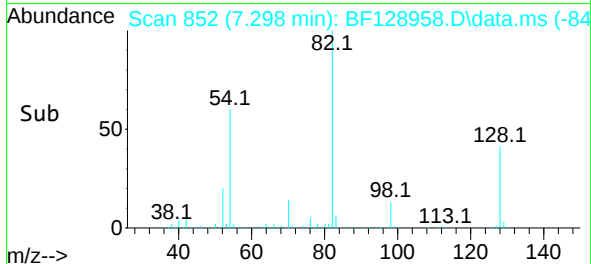
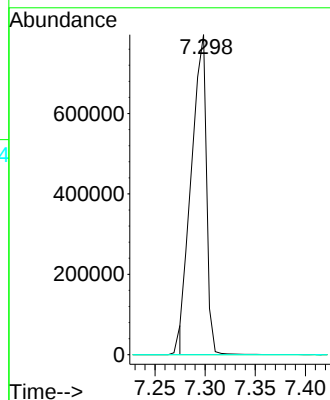
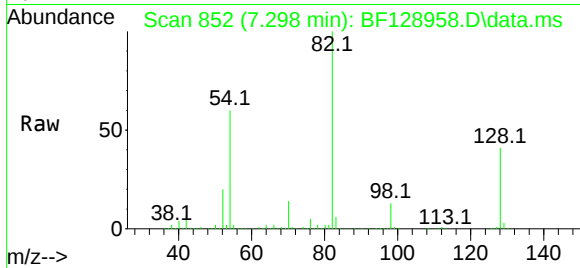




#25
Isophorone
Concen: 52.880 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

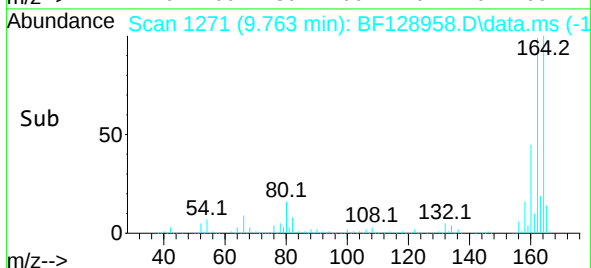
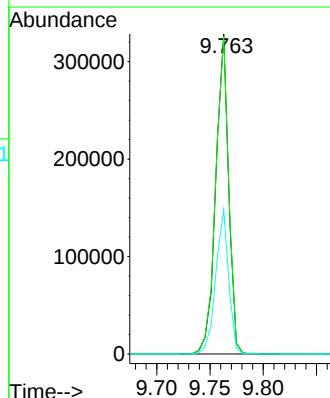
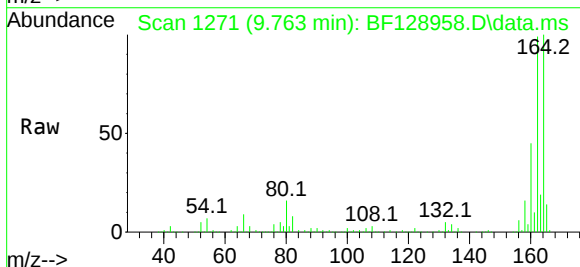
Instrument :
BNA_F
ClientSampleId :
PB145722BL

Tgt Ion: 82 Resp: 826496
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

Tgt Ion:164 Resp: 274787
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 108.994 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128958.D

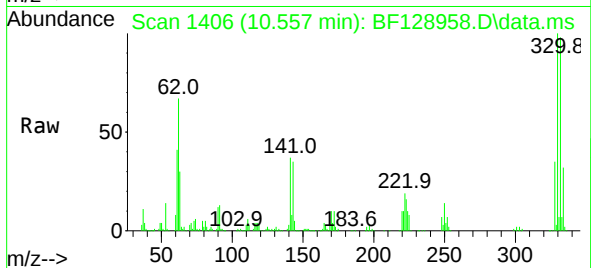
Acq: 23 Jun 2022 18:09

Instrument :

BNA_F

ClientSampleId :

PB145722BL



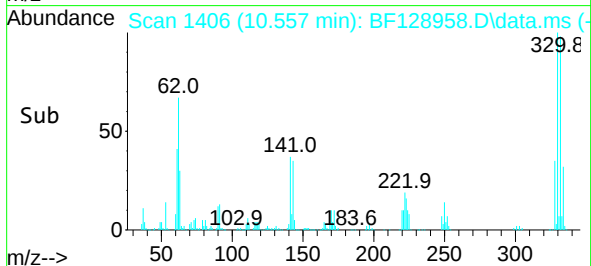
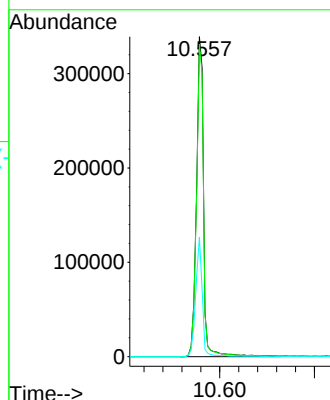
Tgt Ion:330 Resp: 353876

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.429 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128958.D

Acq: 23 Jun 2022 18:09

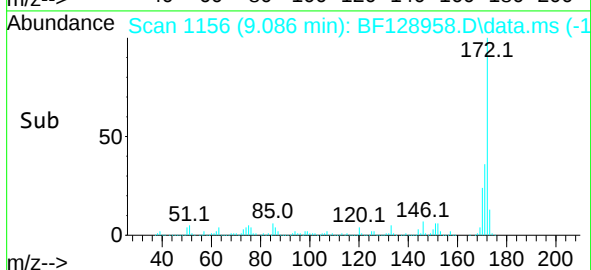
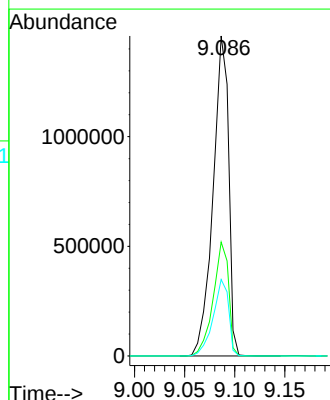
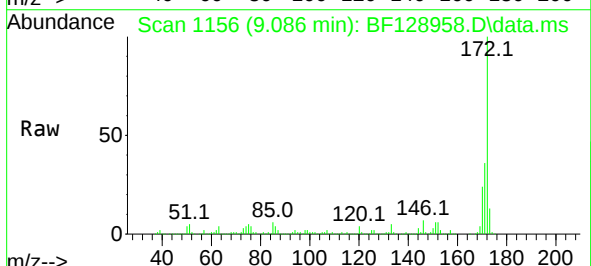
Tgt Ion:172 Resp: 1577724

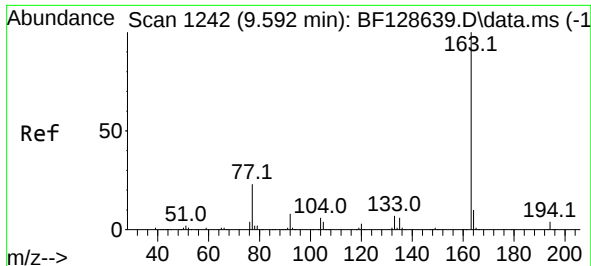
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.9 19.8 29.8

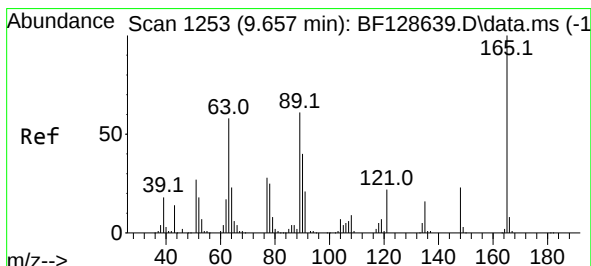
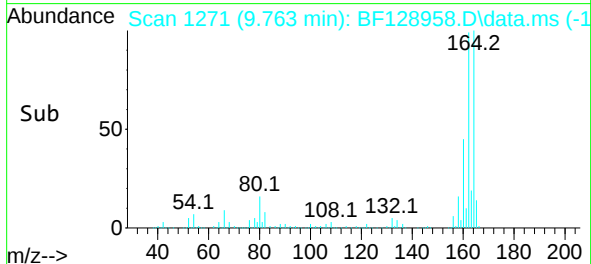
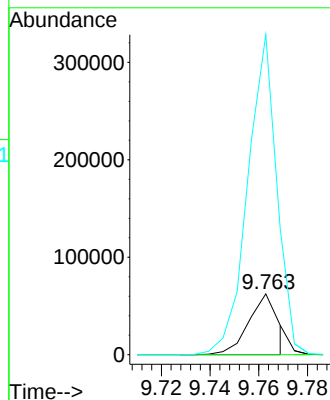
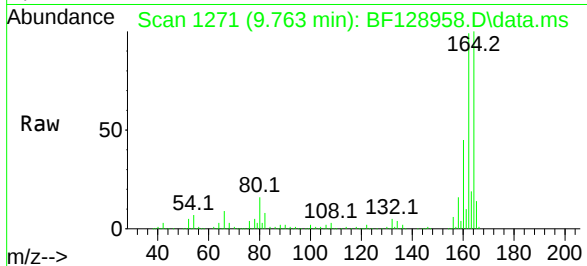




#50
 Dimethylphthalate
 Concen: 2.763 ng
 RT: 9.763 min Scan# 11
 Delta R.T. 0.265 min
 Lab File: BF128958.D
 Acq: 23 Jun 2022 18:09

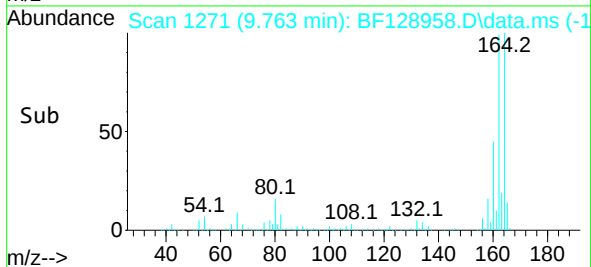
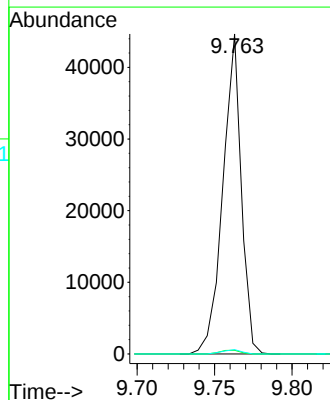
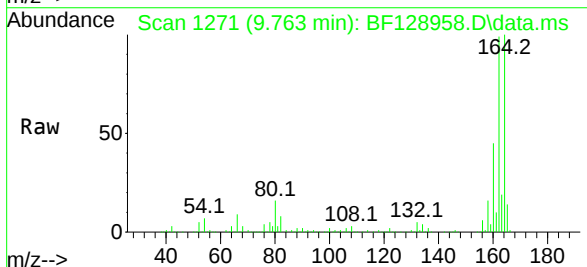
Instrument :
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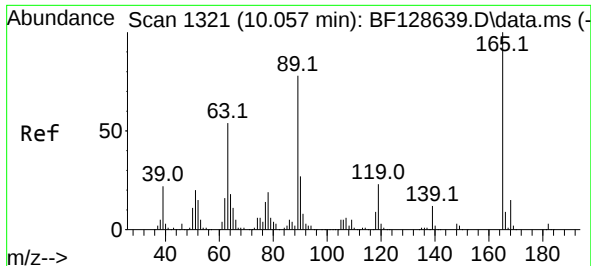
Tgt Ion:163 Resp: 51969
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.2 4.8#
 164 525.7 8.2 12.2#



#51
 2,6-Dinitrotoluene
 Concen: 9.918 ng
 RT: 9.763 min Scan# 1271
 Delta R.T. 0.200 min
 Lab File: BF128958.D
 Acq: 23 Jun 2022 18:09

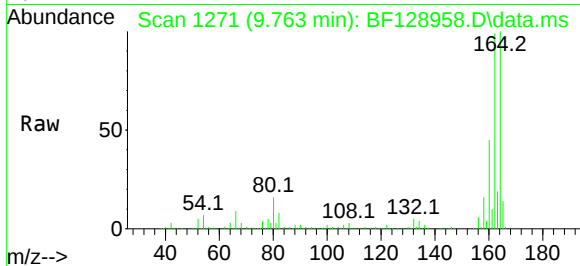
Tgt Ion:165 Resp: 36817
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.9 67.3#
 89 1.3 43.6 65.4#



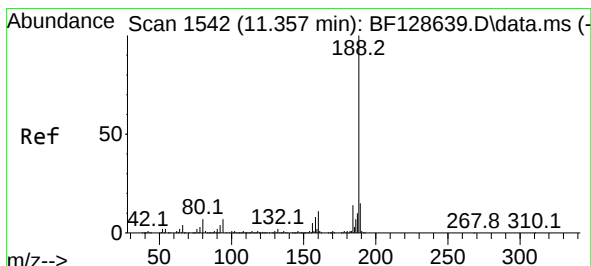
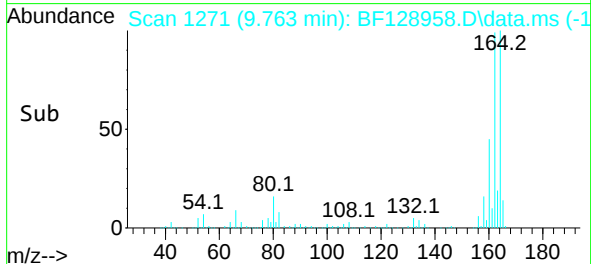
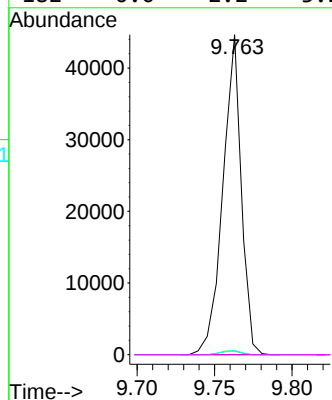


#57
2,4-Dinitrotoluene
Concen: 7.431 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

Instrument :
BNA_F
ClientSampleId :
PB145722BL

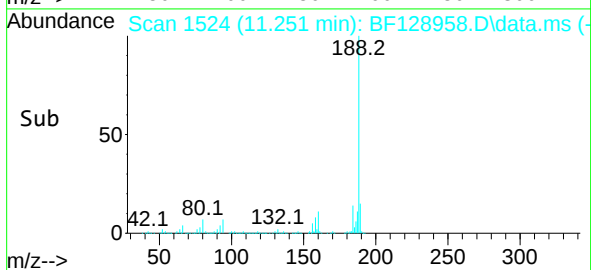
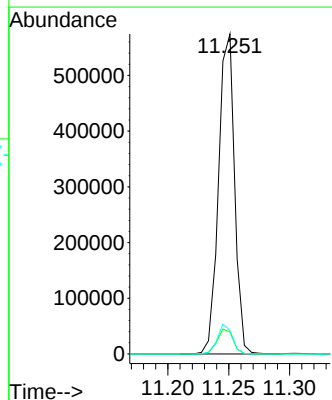
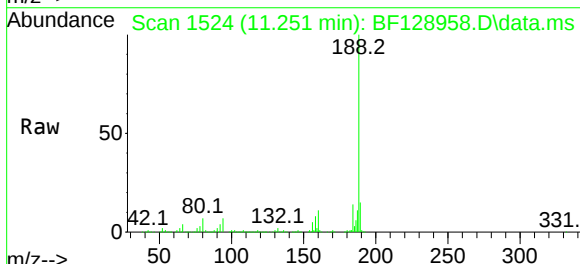


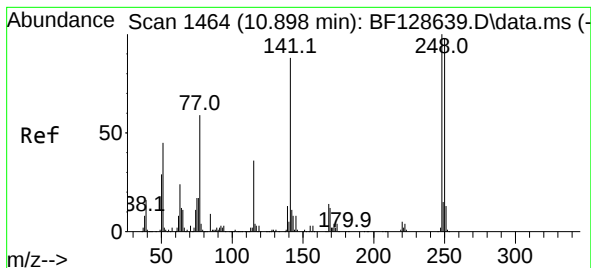
Tgt Ion:165 Resp: 36817
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

Tgt Ion:188 Resp: 528824
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 7.4 7.6 11.4#

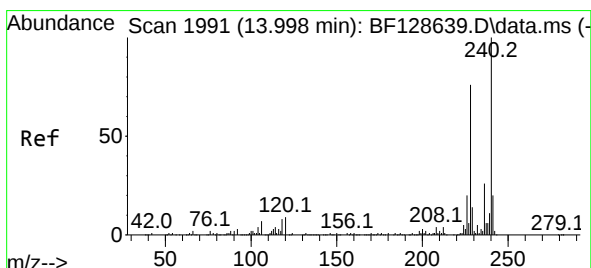
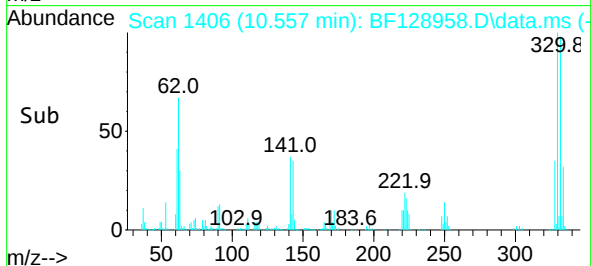
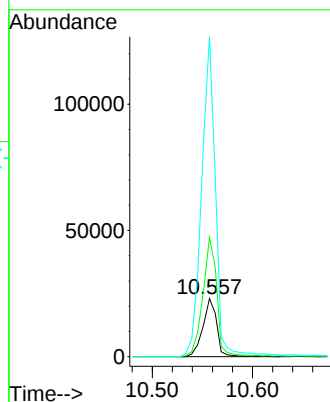
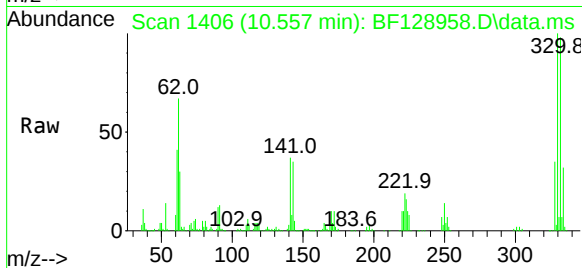




#67
4-Bromophenyl-phenylether
Concen: 3.772 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

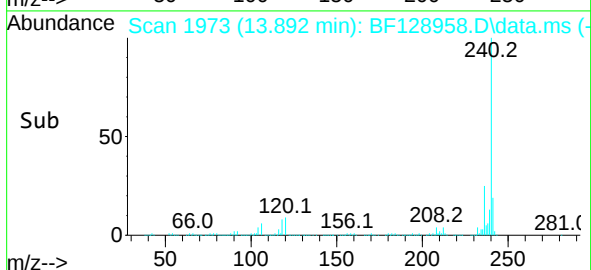
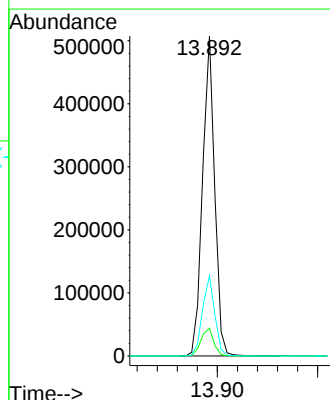
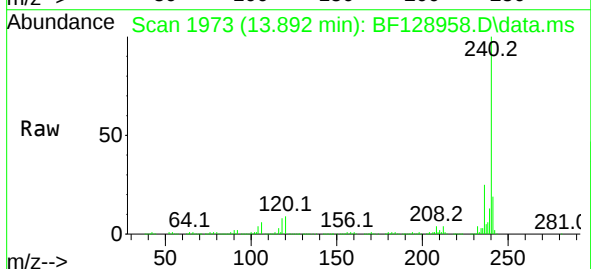
Instrument :
BNA_F
ClientSampleId :
PB145722BL

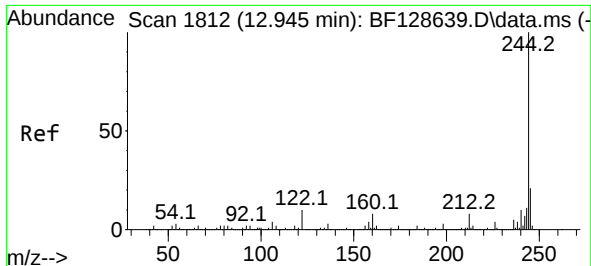
Tgt Ion:248 Resp: 22246
Ion Ratio Lower Upper
248 100
250 205.1 80.6 120.8#
141 550.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128958.D
Acq: 23 Jun 2022 18:09

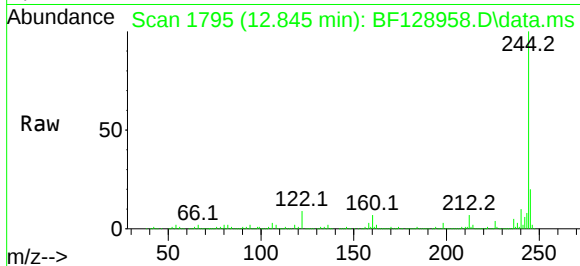
Tgt Ion:240 Resp: 427322
Ion Ratio Lower Upper
240 100
120 8.7 8.9 13.3#
236 25.0 20.8 31.2



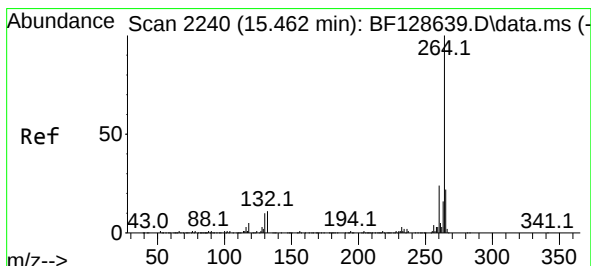
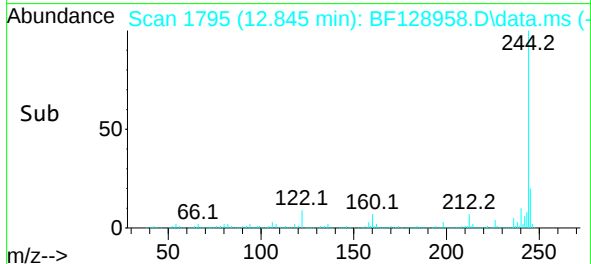
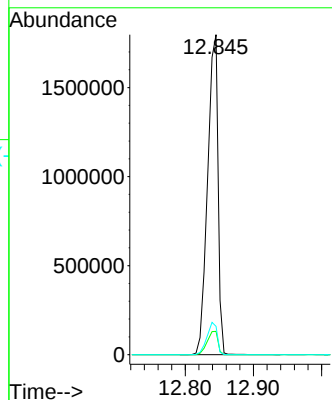


#79
 Terphenyl-d14
 Concen: 77.820 ng
 RT: 12.845 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128958.D
 Acq: 23 Jun 2022 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB145722BL



Tgt Ion:244 Resp: 1913766
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.327 min Scan# 2217
 Delta R.T. -0.000 min
 Lab File: BF128958.D
 Acq: 23 Jun 2022 18:09

Tgt Ion:264 Resp: 344952
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 20.8 17.2 25.8

