

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128071.D
 Acq On : 04 May 2022 14:59
 Operator : CG\JU
 Sample : N2665-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8,6

Quant Time: May 05 06:03:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

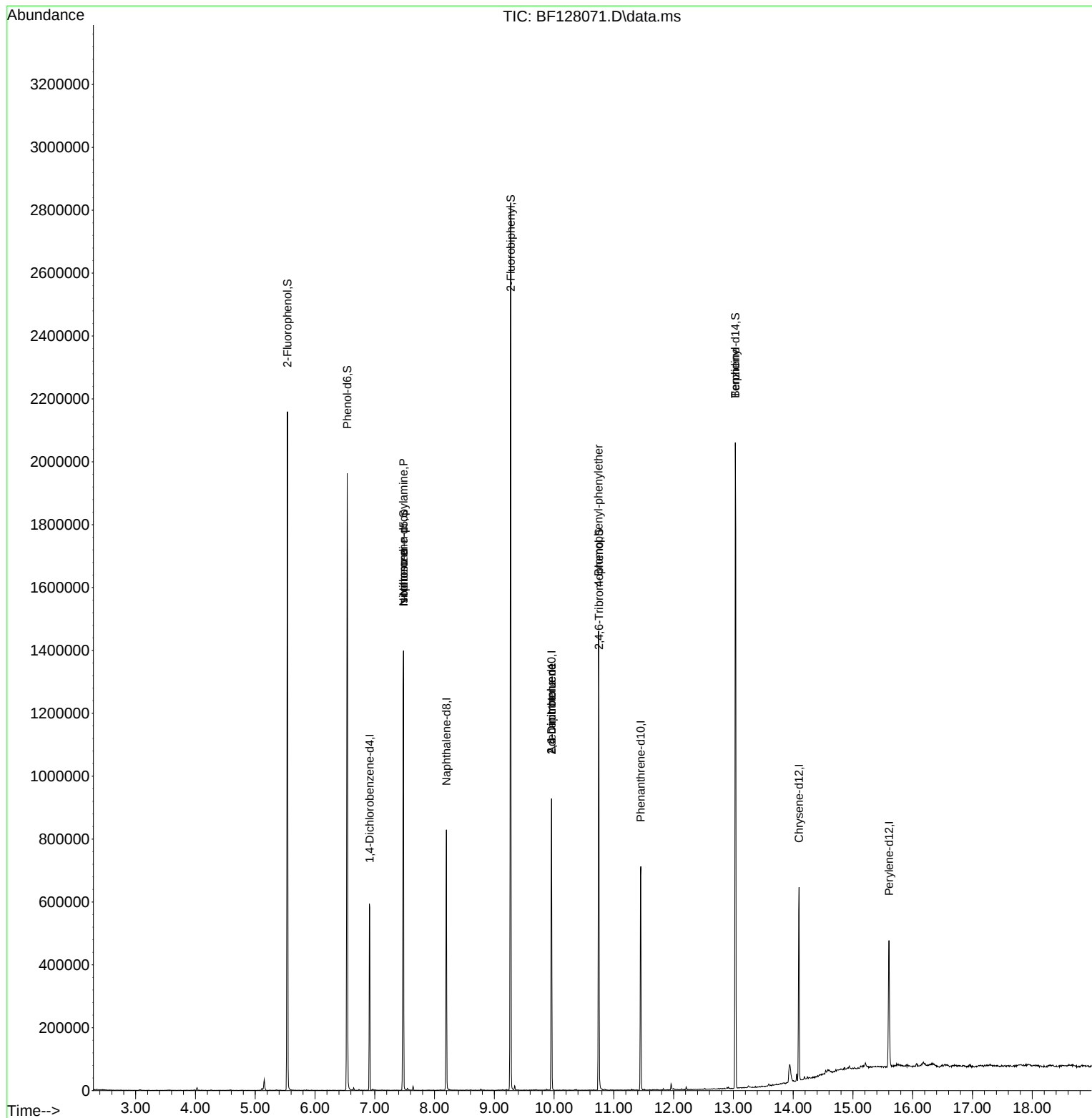
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	83480	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	322446	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	174045	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	277267	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	203914	20.000	ng	0.00
86) Perylene-d12	15.604	264	181926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	514366	98.140	ng	0.00
7) Phenol-d6	6.539	99	680800	100.107	ng	-0.01
23) Nitrobenzene-d5	7.481	82	477770	69.676	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	169790	96.909	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	804418	78.191	ng	0.00
79) Terphenyl-d14	13.033	244	708085	63.496	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	64504	15.494	ng	# 79
25) Isophorone	7.481	82	477764	41.398	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	22434	8.877	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	22434	6.702	ng	# 25
67) 4-Bromophenyl-phenylether	10.745	248	10404	3.385	ng	# 1
77) Benzidine	13.033	184	9973	2.585	ng	94

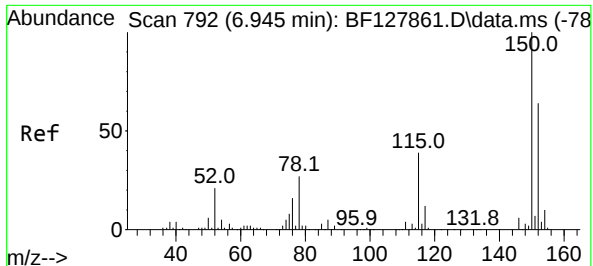
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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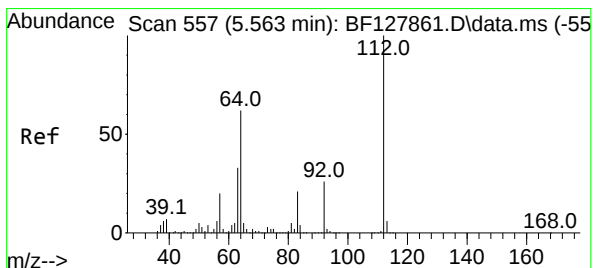
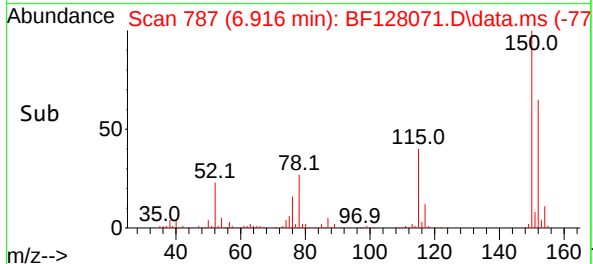
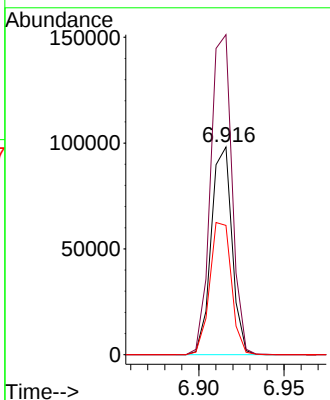
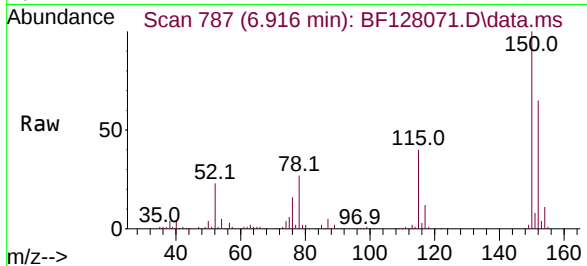




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

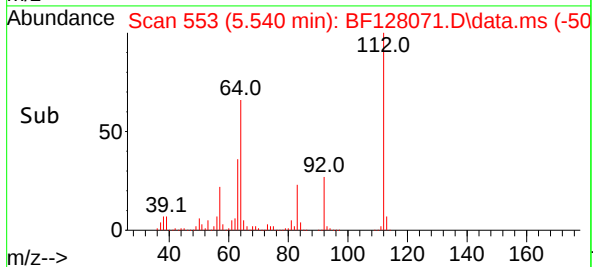
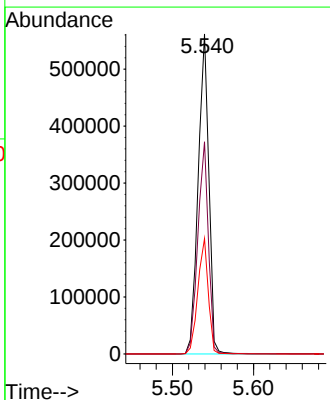
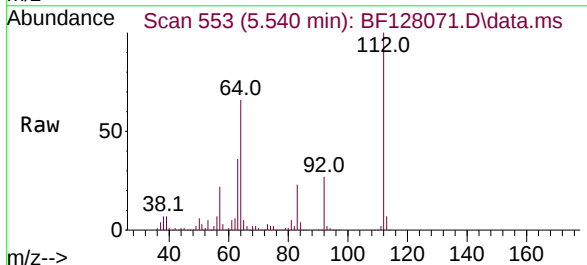
Instrument :
BNA_F
ClientSampleId :
SB-8,6

Tgt Ion:152 Resp: 83480
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 62.3 48.8 73.2



#5
2-Fluorophenol
Concen: 98.140 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

Tgt Ion:112 Resp: 514366
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 36.1 26.3 39.5

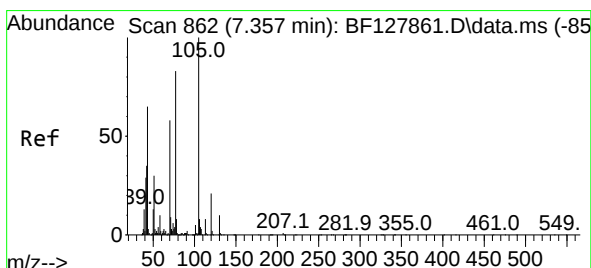
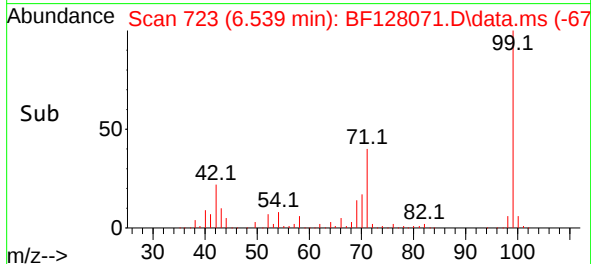
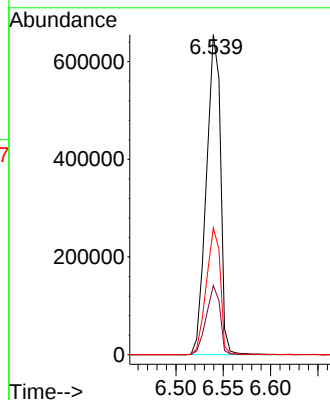
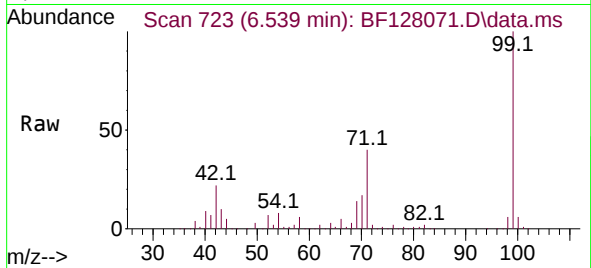




#7
Phenol-d6
Concen: 100.107 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

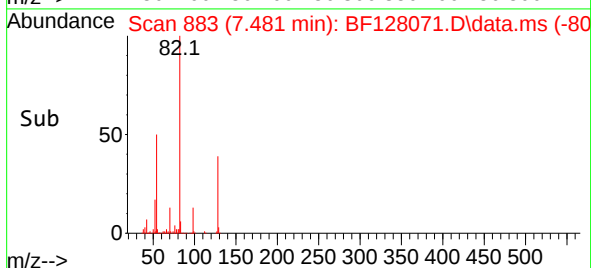
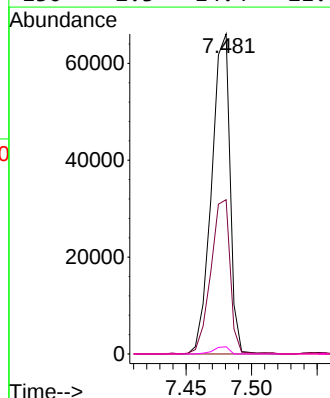
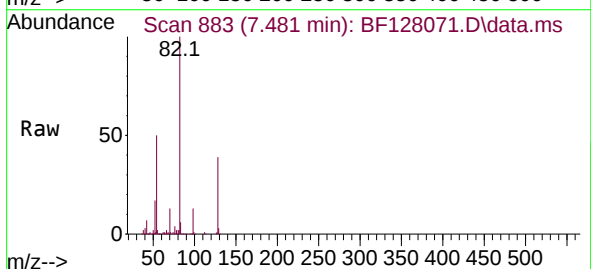
Instrument :
BNA_F
ClientSampleId :
SB-8,6

Tgt Ion: 99 Resp: 680800
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 39.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.494 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

Tgt Ion: 70 Resp: 64504
Ion Ratio Lower Upper
70 100
42 48.2 48.7 73.1#
101 0.0 7.2 10.8#
130 2.3 14.4 21.6#

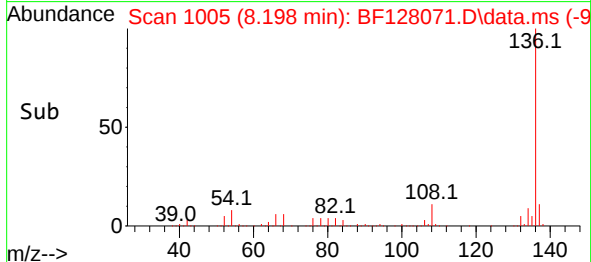
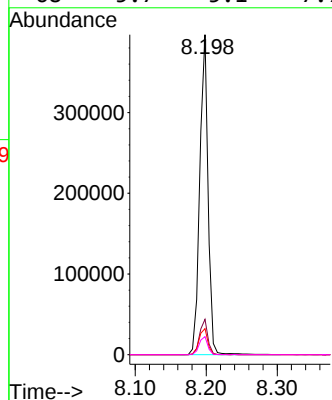
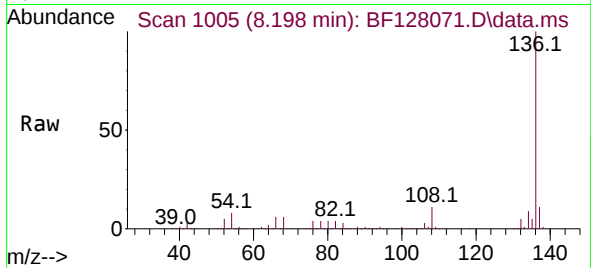




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

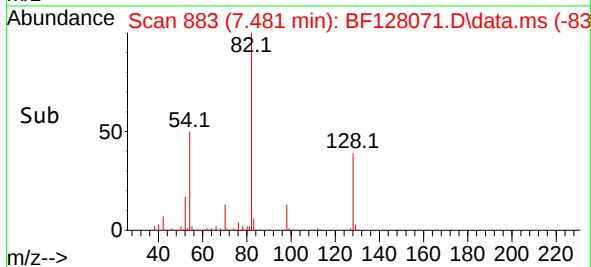
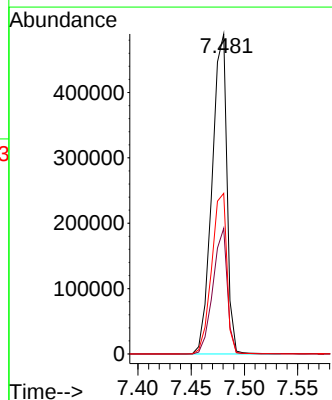
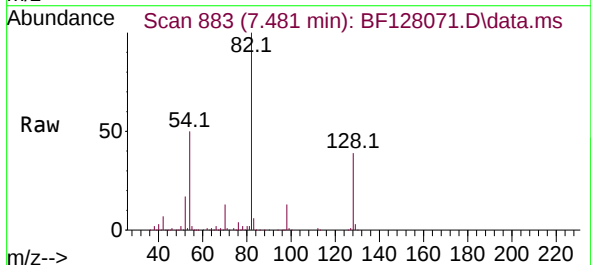
Instrument :
BNA_F
ClientSampleId :
SB-8,6

Tgt Ion:136	Resp: 322446
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.1	6.8 10.2
68 5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 69.676 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

Tgt Ion: 82	Resp: 477770
Ion Ratio	Lower Upper
82 100	
128 39.3	30.0 45.0
54 50.2	41.3 61.9

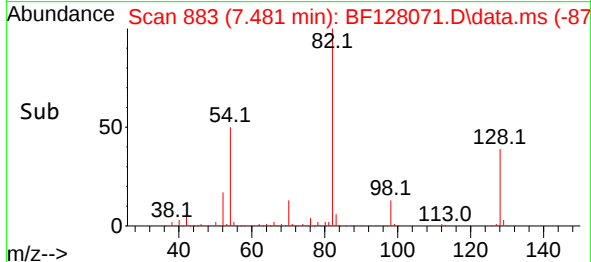
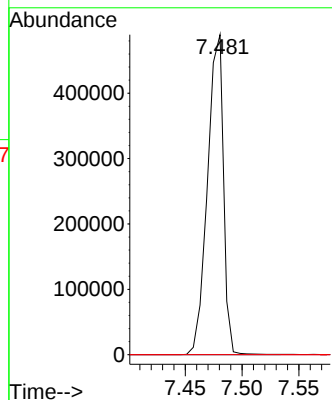
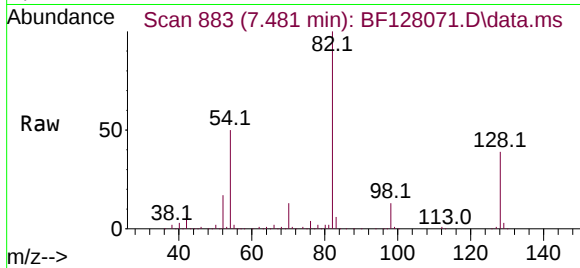




#25
Isophorone
Concen: 41.398 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

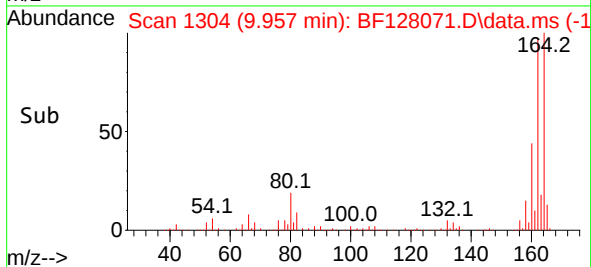
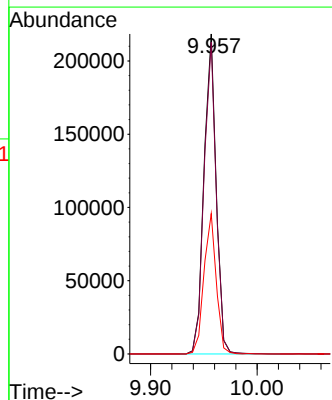
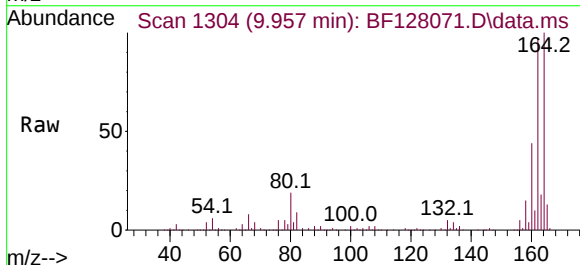
Instrument :
BNA_F
ClientSampleId :
SB-8,6

Tgt Ion: 82 Resp: 477764
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: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

Tgt Ion: 164 Resp: 174045
Ion Ratio Lower Upper
164 100
162 97.4 76.0 114.0
160 43.9 34.8 52.2

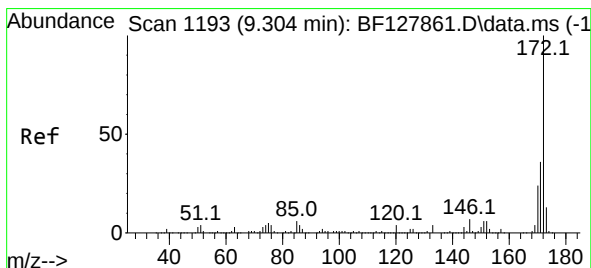
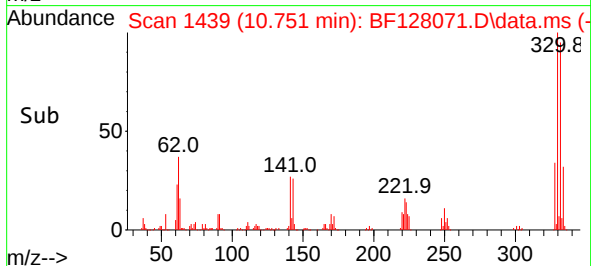
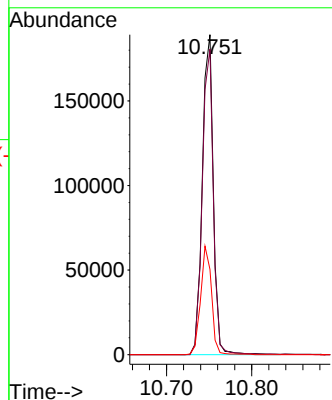
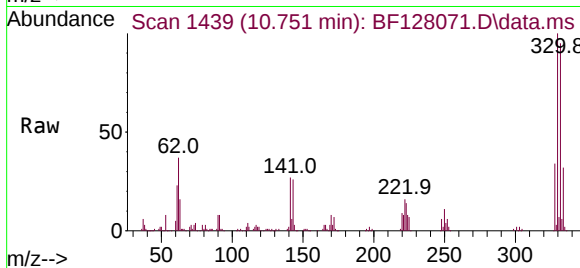




#42
2,4,6-Tribromophenol
Concen: 96.909 ng
RT: 10.751 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

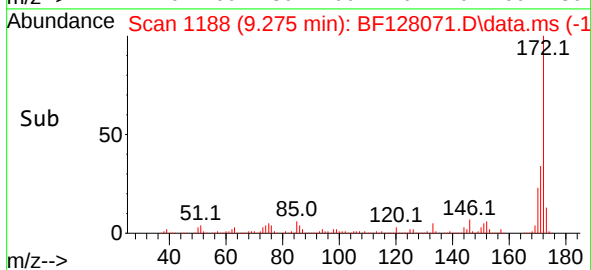
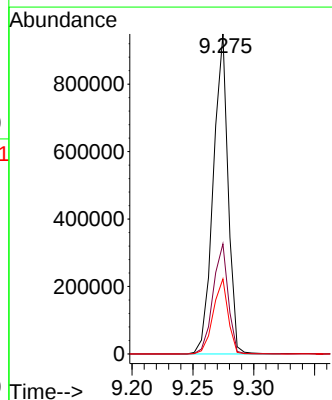
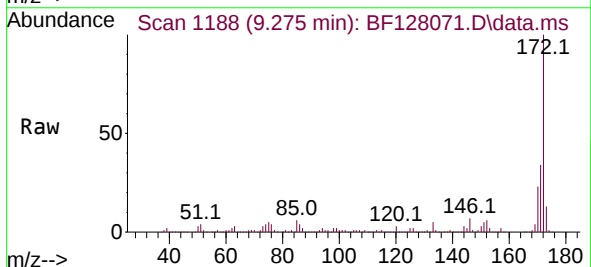
Instrument :
BNA_F
ClientSampleId :
SB-8,6

Tgt Ion:330 Resp: 169790
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 33.6 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 78.191 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

Tgt Ion:172 Resp: 804418
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.4 19.1 28.7

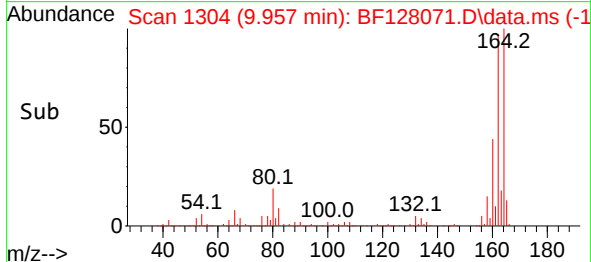
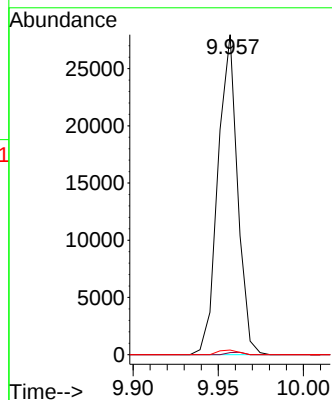
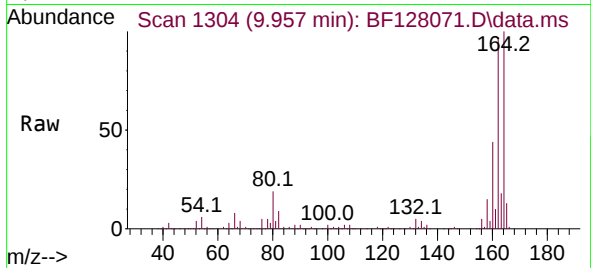




#51
2,6-Dinitrotoluene
Concen: 8.877 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

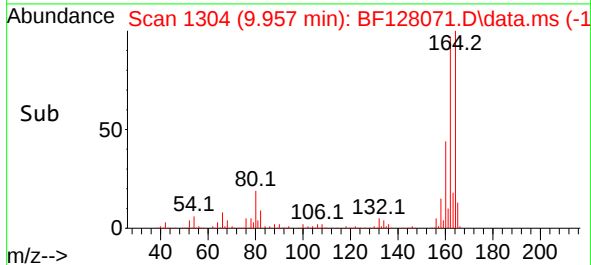
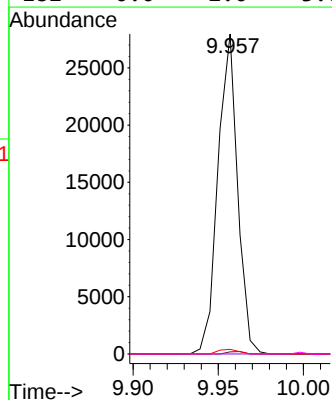
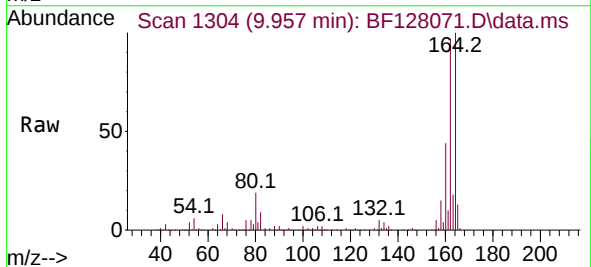
Instrument :
BNA_F
ClientSampleId :
SB-8,6

Tgt Ion:165 Resp: 22434
Ion Ratio Lower Upper
165 100
63 0.7 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.702 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

Tgt Ion:165 Resp: 22434
Ion Ratio Lower Upper
165 100
63 0.7 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

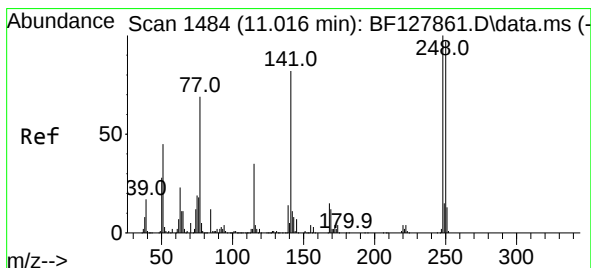
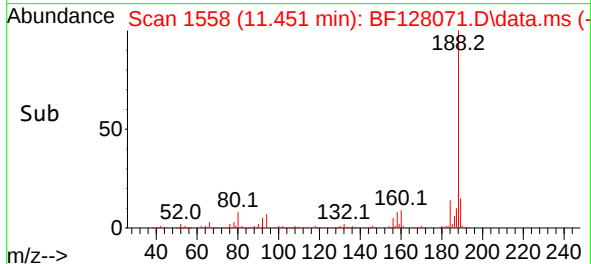
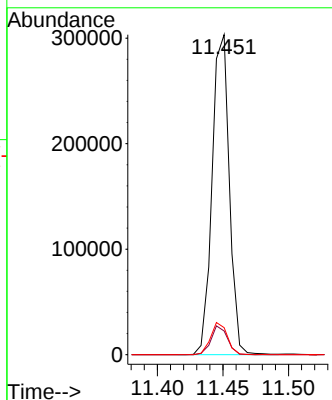
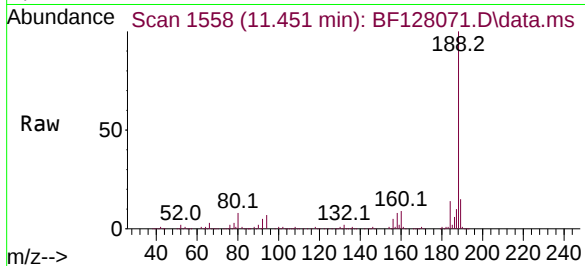




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

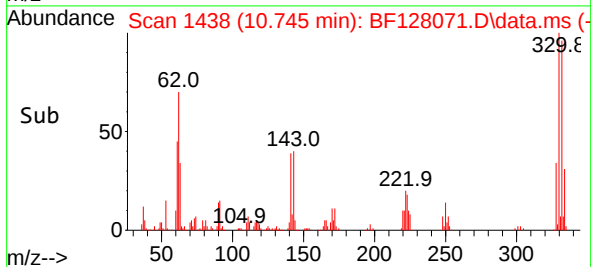
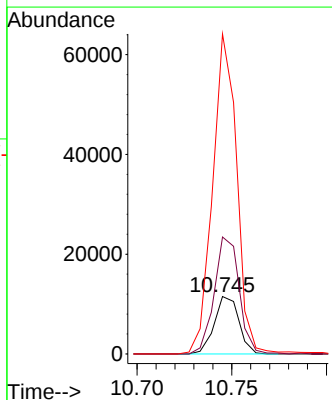
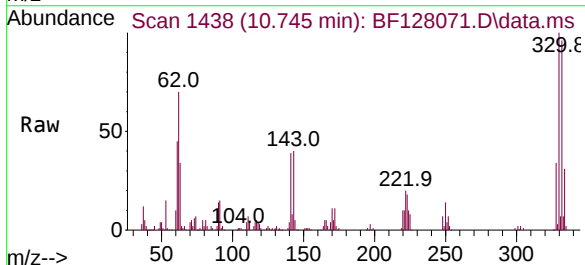
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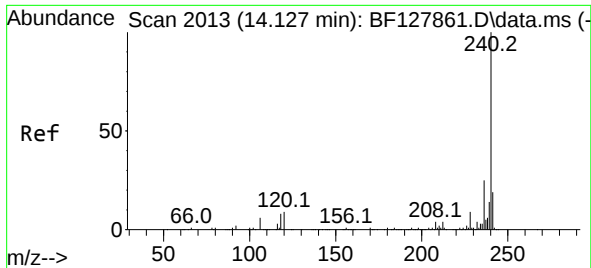
Tgt Ion:188 Resp: 277267
Ion Ratio Lower Upper
188 100
94 7.4 8.0 12.0#
80 8.4 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 3.385 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.253 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

Tgt Ion:248 Resp: 10404
Ion Ratio Lower Upper
248 100
250 203.5 77.7 116.5#
141 556.9 65.6 98.4#

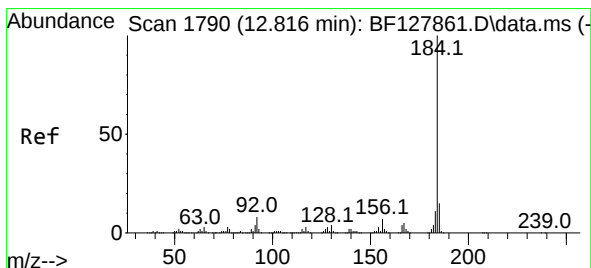
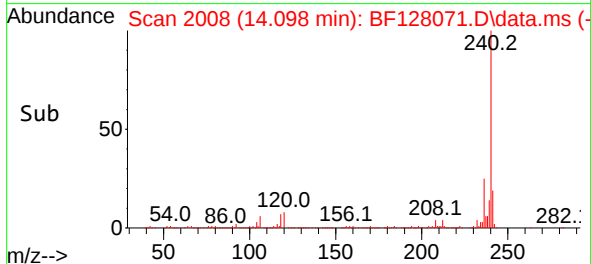
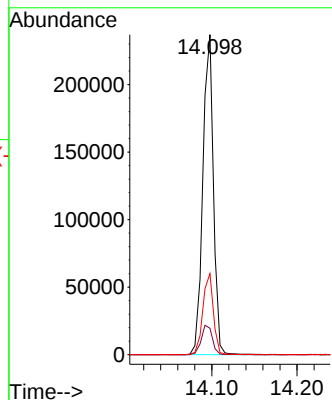
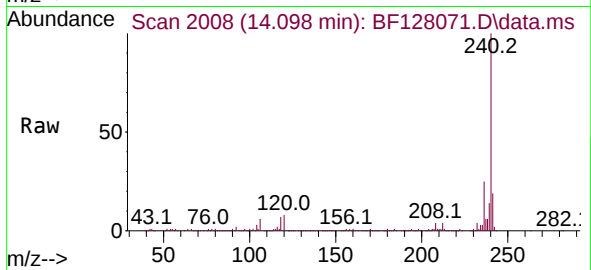




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

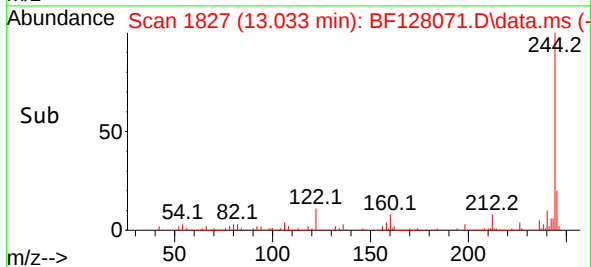
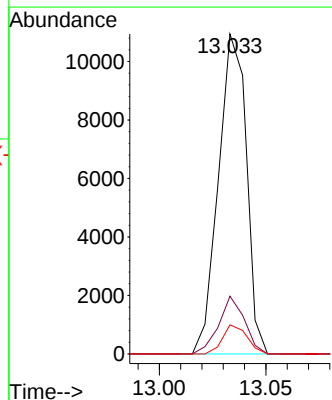
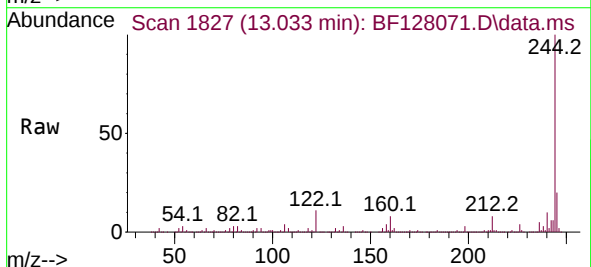
Instrument :
BNA_F
ClientSampleId :
SB-8,6

Tgt Ion:240 Resp: 203914
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 2.585 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.241 min
Lab File: BF128071.D
Acq: 04 May 2022 14:59

Tgt Ion:184 Resp: 9973
Ion Ratio Lower Upper
184 100
185 18.1 12.1 18.1
183 9.1 9.0 13.4

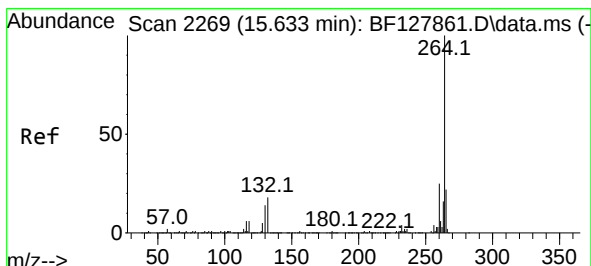
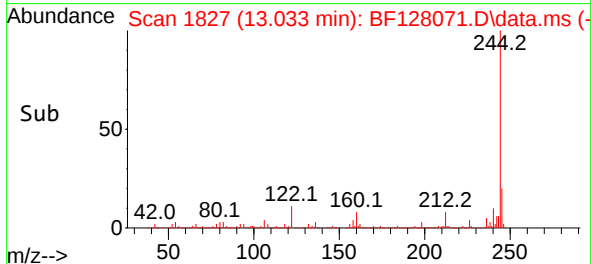
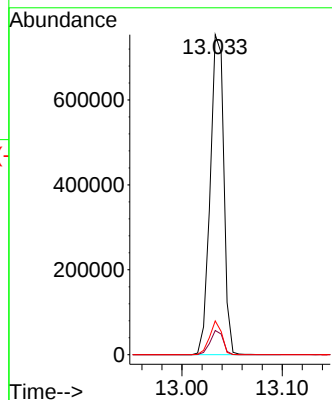
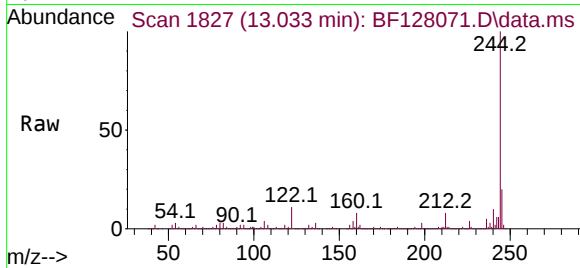




#79
 Terphenyl-d14
 Concen: 63.496 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. -0.012 min
 Lab File: BF128071.D
 Acq: 04 May 2022 14:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-8,6

Tgt Ion:244 Resp: 708085
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF128071.D
 Acq: 04 May 2022 14:59

Tgt Ion:264 Resp: 181926
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.5 17.5 26.3

