

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128072.D
 Acq On : 04 May 2022 15:28
 Operator : CG\JU
 Sample : N2665-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4,6

Quant Time: May 05 06:03:49 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)

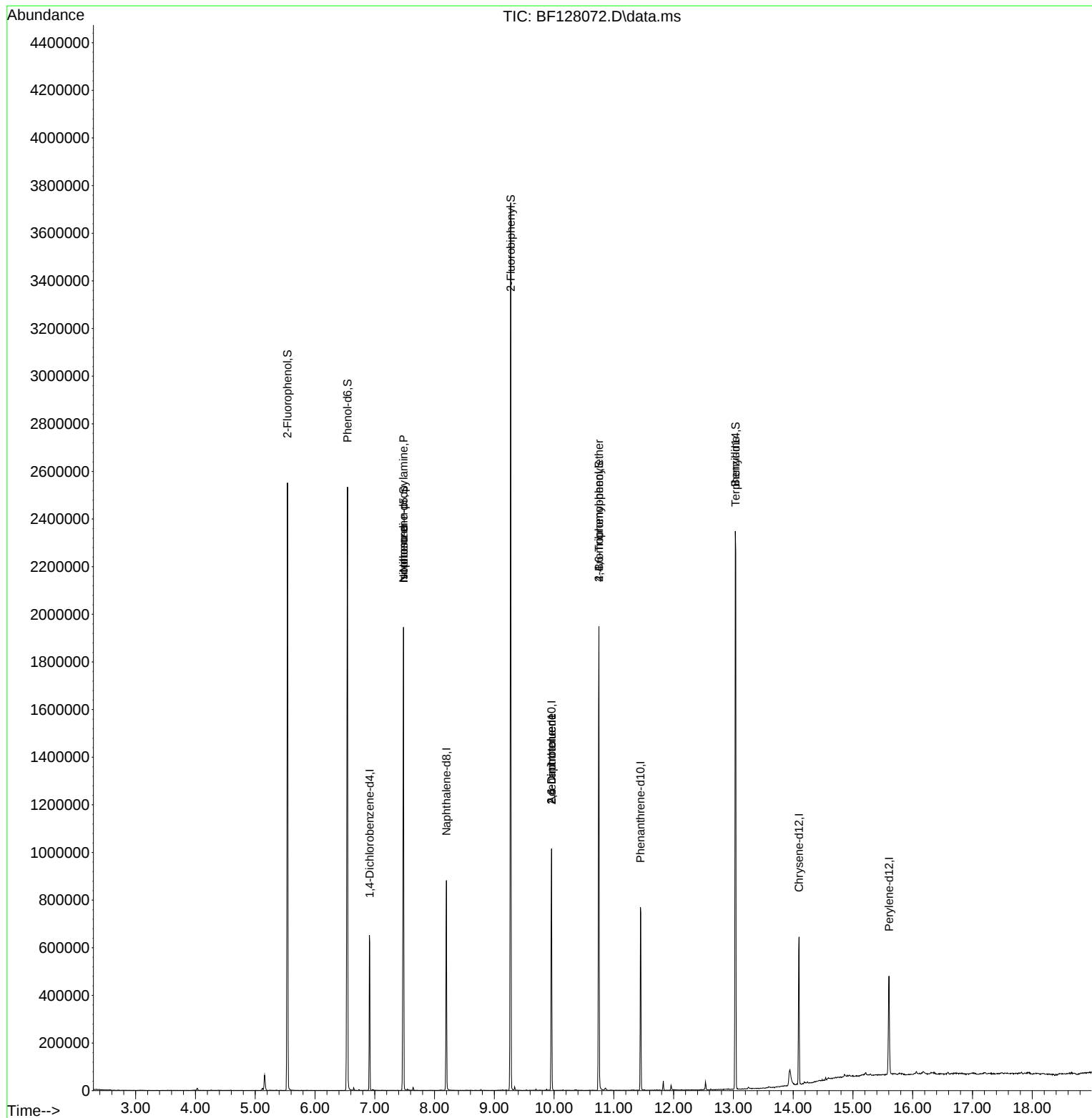
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	91668	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	351124	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	192101	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	298257	20.000	ng	-0.01
76) Chrysene-d12	14.098	240	211953	20.000	ng	0.00
86) Perylene-d12	15.603	264	189529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	657849	114.305	ng	0.00
7) Phenol-d6	6.545	99	876503	117.371	ng	0.00
23) Nitrobenzene-d5	7.480	82	631917	84.629	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	221069	114.317	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	1033840	91.045	ng	0.00
79) Terphenyl-d14	13.039	244	851572	73.467	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.480	70	85665	18.740	ng	# 79
25) Isophorone	7.480	82	631910	50.282	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	24852	8.909	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	24852	6.726	ng	# 26
67) 4-Bromophenyl-phenylether	10.751	248	13911	4.207	ng	# 1
77) Benzidine	13.033	184	12451	3.105	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
Data File : BF128072.D
Acq On : 04 May 2022 15:28
Operator : CG\JU
Sample : N2665-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4,6

Quant Time: May 05 06:03:49 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

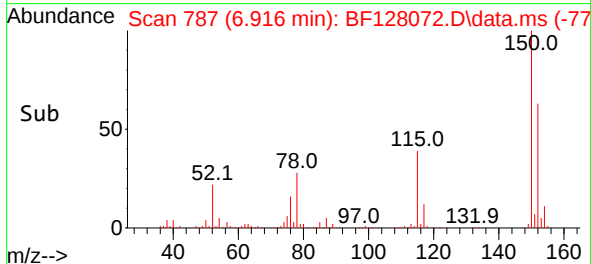
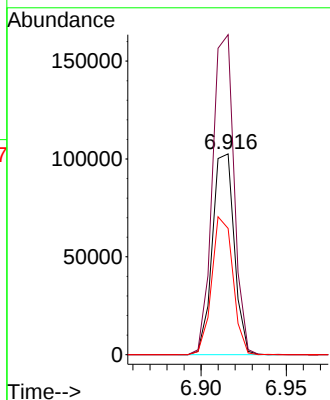
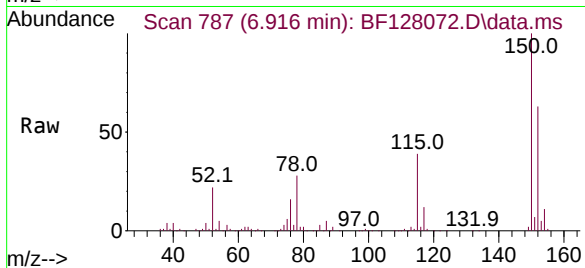




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128072.D
 Acq: 04 May 2022 15:28

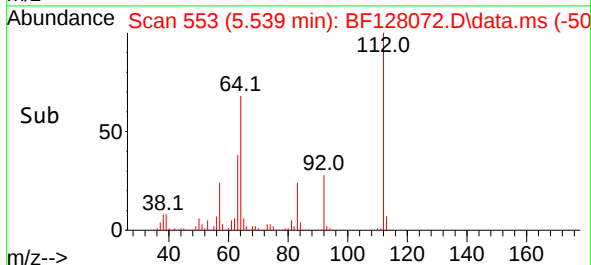
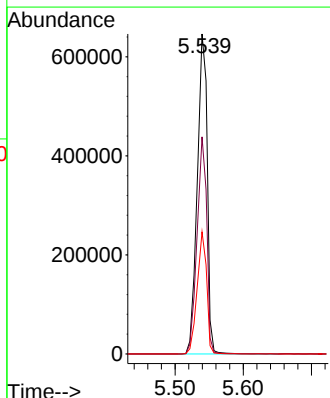
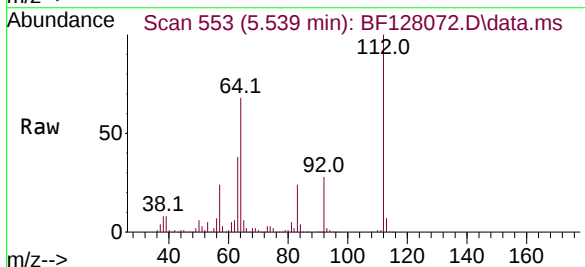
Instrument :
 BNA_F
 ClientSampleId :
 SB-4,6

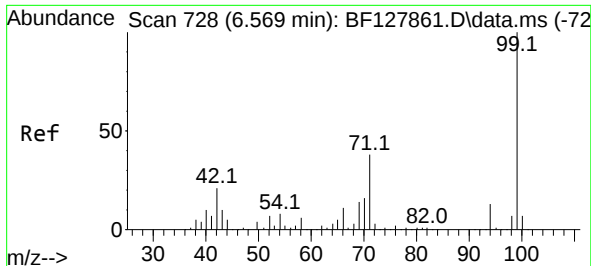
Tgt Ion:152 Resp: 91668
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.3 187.9
 115 62.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 114.305 ng
 RT: 5.539 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF128072.D
 Acq: 04 May 2022 15:28

Tgt Ion:112 Resp: 657849
 Ion Ratio Lower Upper
 112 100
 64 67.8 49.5 74.3
 63 38.2 26.3 39.5

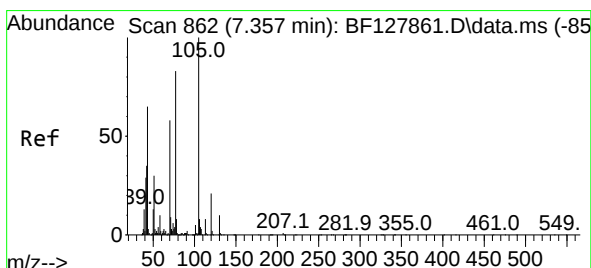
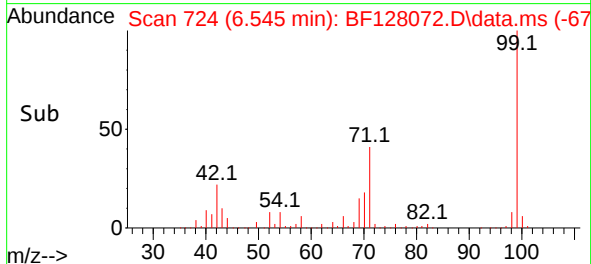
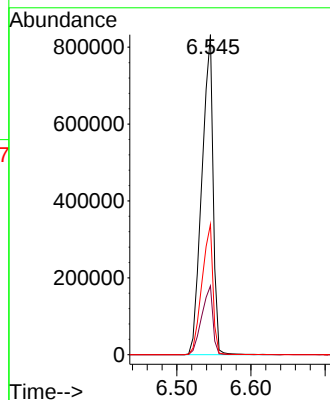
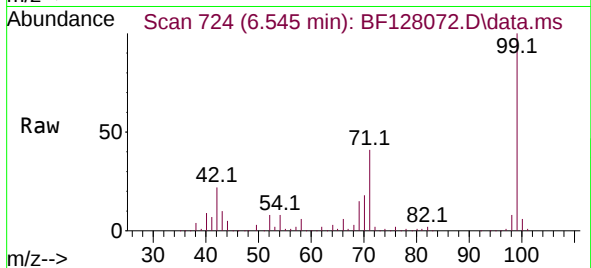




#7
Phenol-d6
Concen: 117.371 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

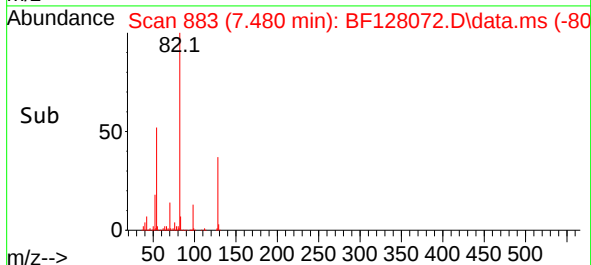
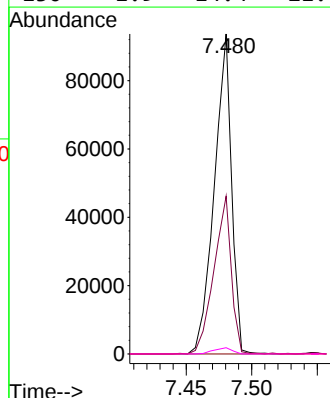
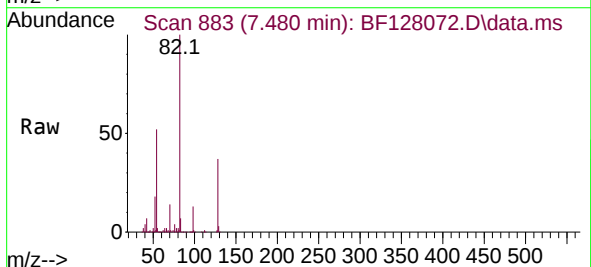
Instrument :
BNA_F
ClientSampleId :
SB-4,6

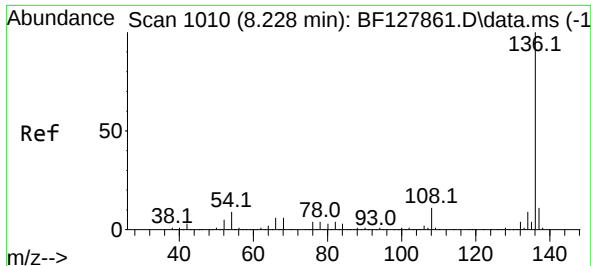
Tgt Ion: 99 Resp: 876503
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.740 ng
RT: 7.480 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion: 70 Resp: 85665
Ion Ratio Lower Upper
70 100
42 49.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

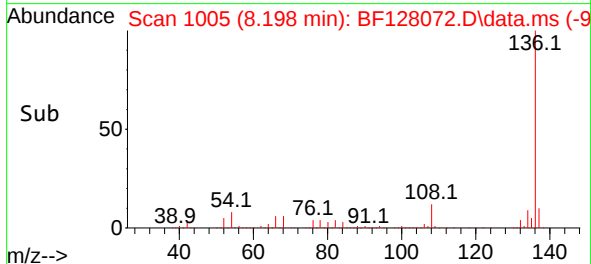
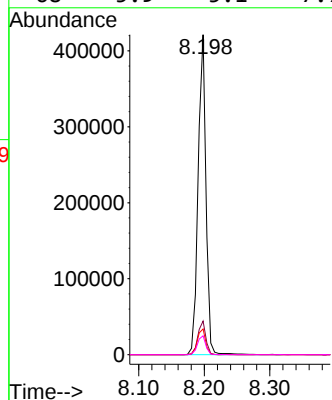
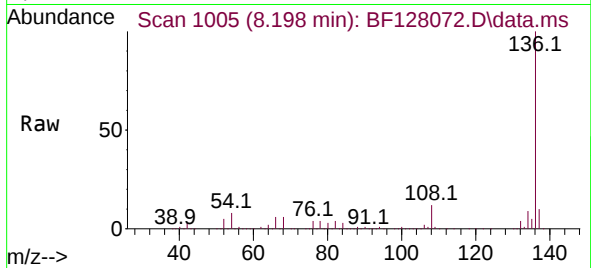




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

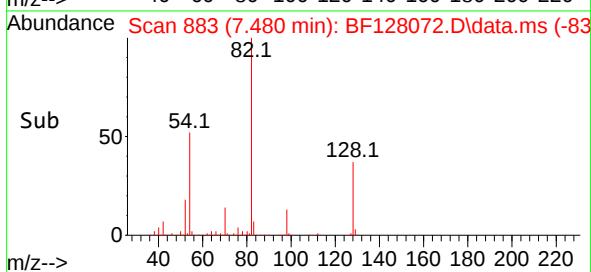
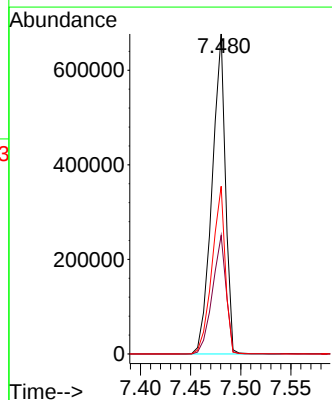
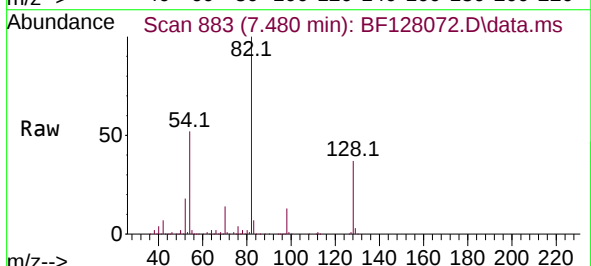
Instrument :
BNA_F
ClientSampleId :
SB-4,6

Tgt Ion:	136	Resp:	351124
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.0	6.8	10.2
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 84.629 ng
RT: 7.480 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion:	82	Resp:	631917
Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.0	45.0
54	52.4	41.3	61.9

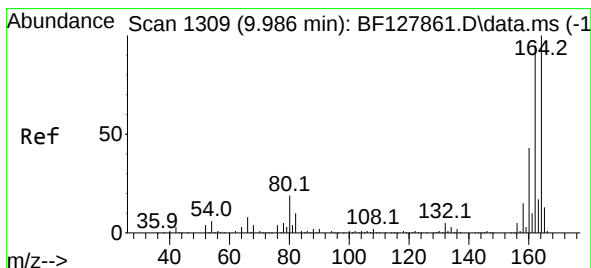
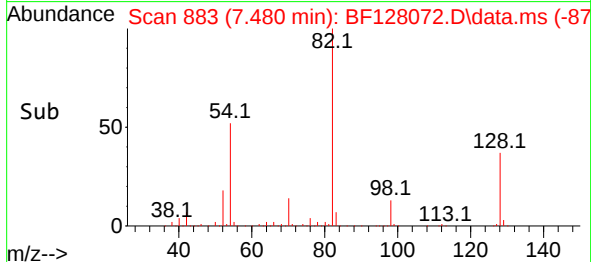
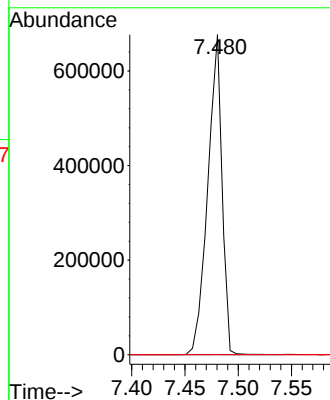
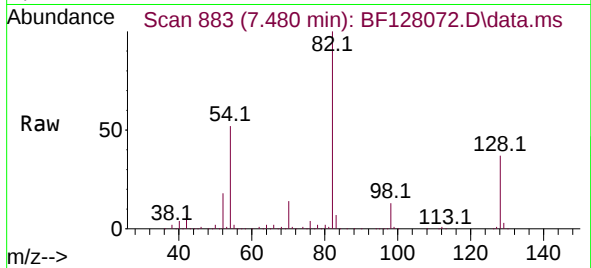




#25
Isophorone
Concen: 50.282 ng
RT: 7.480 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

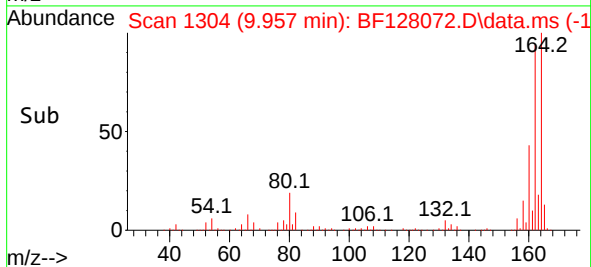
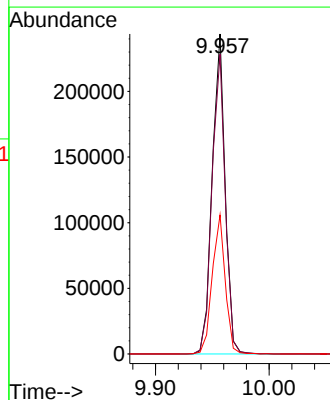
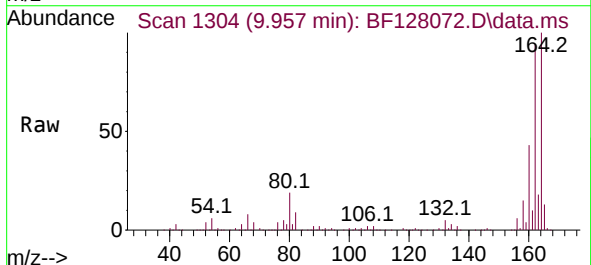
Instrument :
BNA_F
ClientSampleId :
SB-4,6

Tgt Ion: 82 Resp: 631910
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: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion: 164 Resp: 192101
Ion Ratio Lower Upper
164 100
162 93.7 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 114.317 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128072.D

Acq: 04 May 2022 15:28

Instrument :

BNA_F

ClientSampleId :

SB-4,6

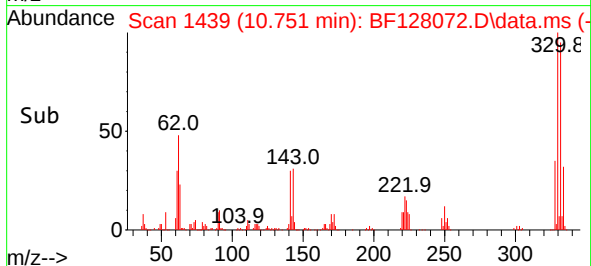
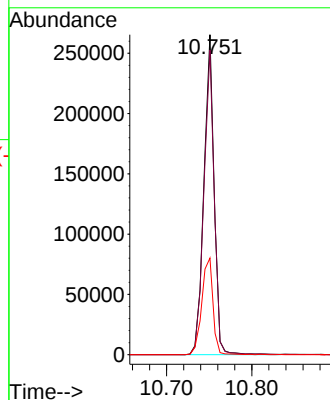
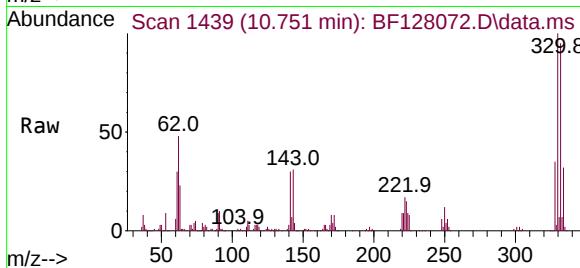
Tgt Ion:330 Resp: 221069

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

141 33.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 91.045 ng

RT: 9.274 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128072.D

Acq: 04 May 2022 15:28

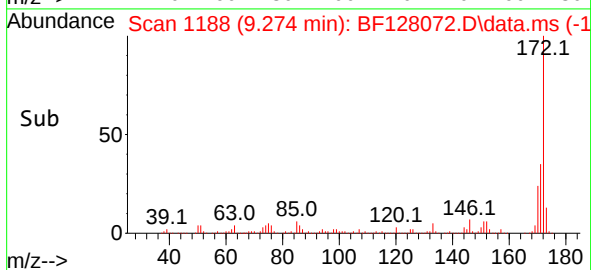
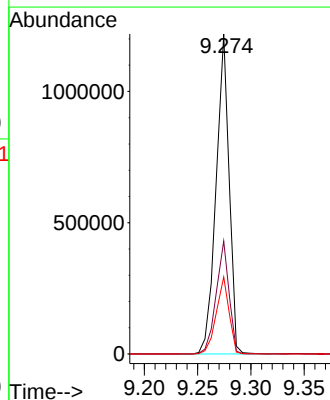
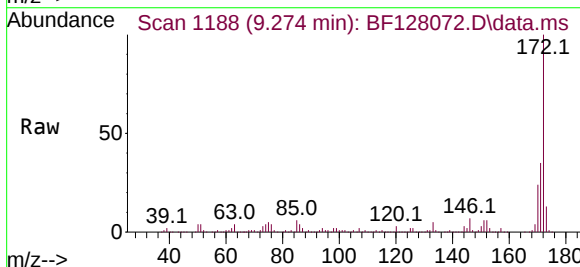
Tgt Ion:172 Resp: 1033840

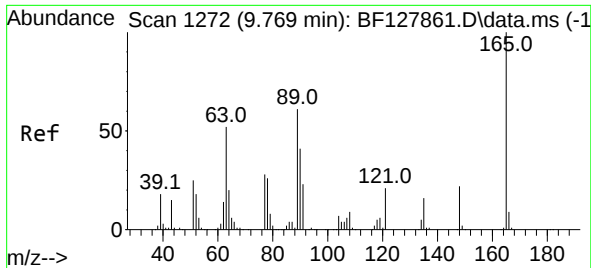
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.1 19.1 28.7

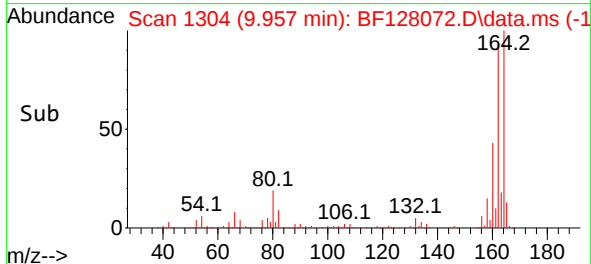
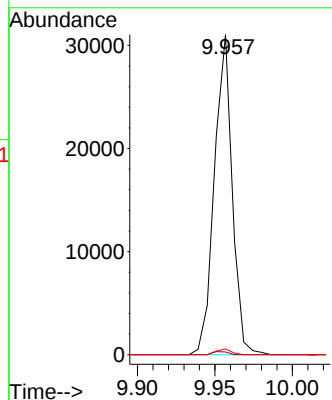
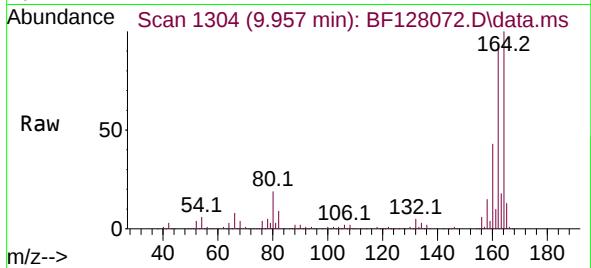




#51
2,6-Dinitrotoluene
Concen: 8.909 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

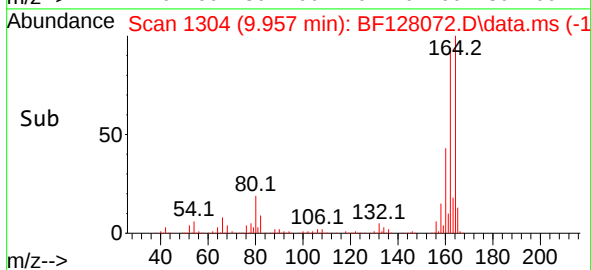
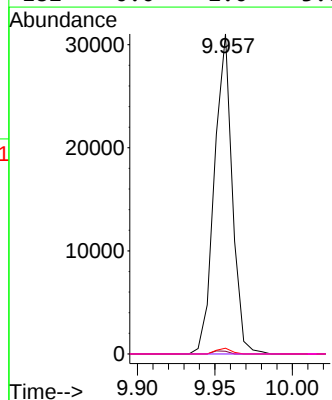
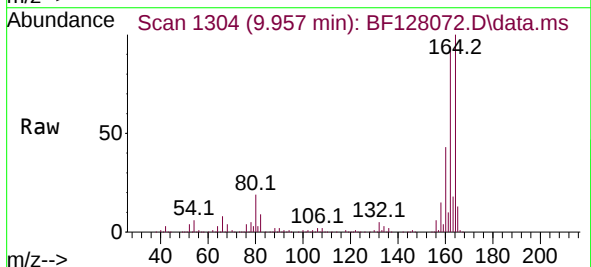
Instrument :
BNA_F
ClientSampleId :
SB-4,6

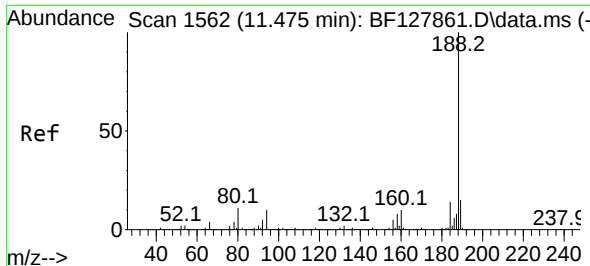
Tgt Ion:165 Resp: 24852
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.726 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion:165 Resp: 24852
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

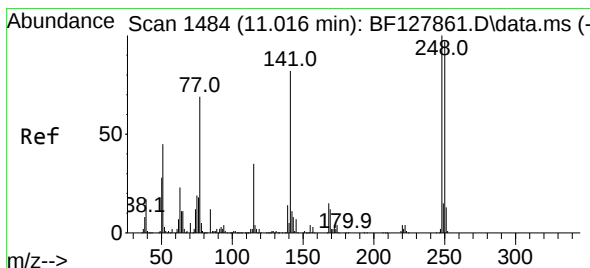
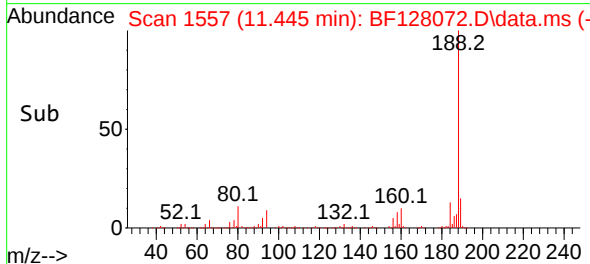
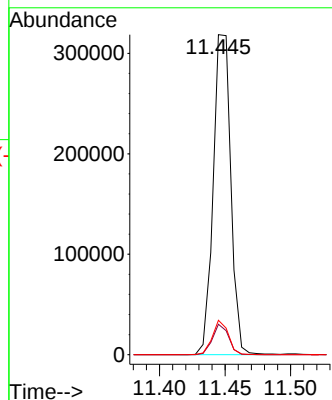
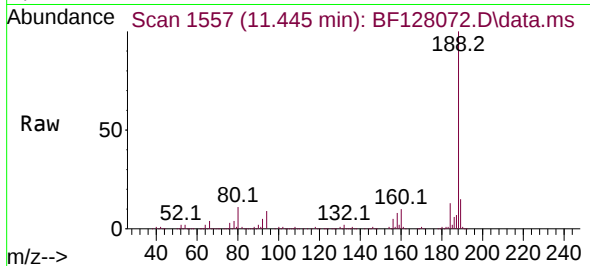




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

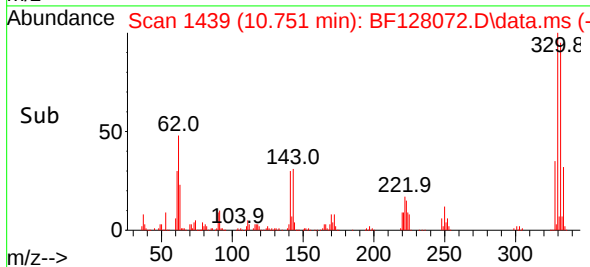
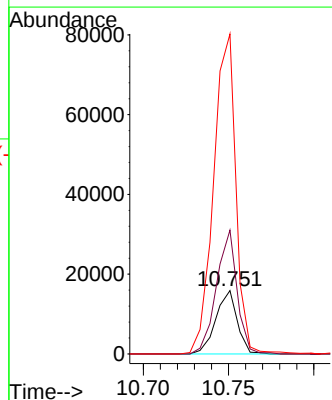
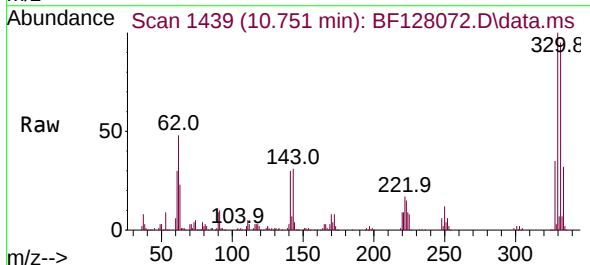
Instrument :
BNA_F
ClientSampleId :
SB-4,6

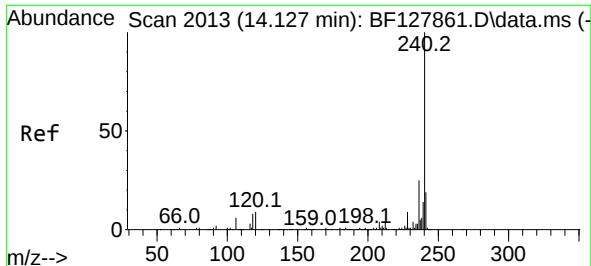
Tgt Ion:188 Resp: 298257
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.207 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion:248 Resp: 13911
Ion Ratio Lower Upper
248 100
250 195.6 77.7 116.5#
141 505.4 65.6 98.4#

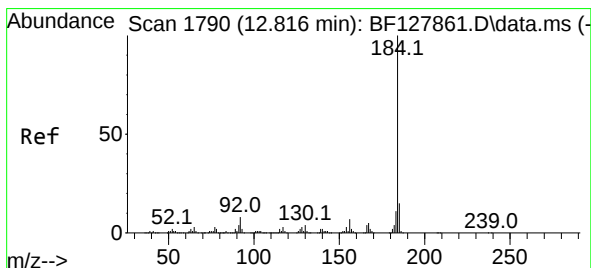
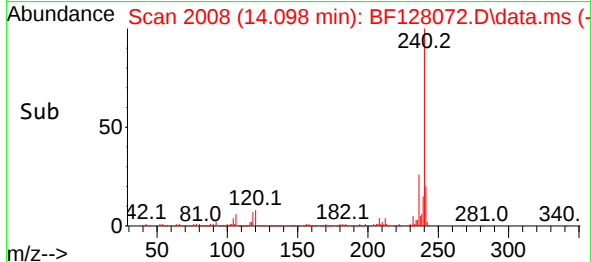
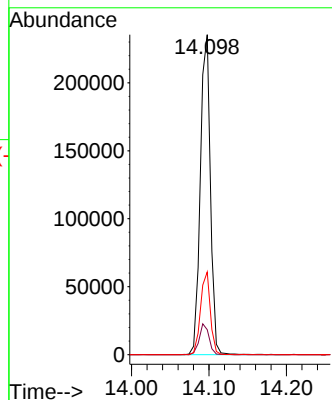
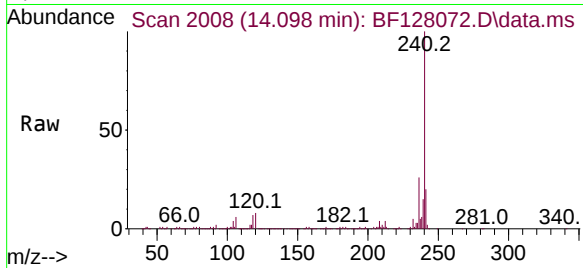




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

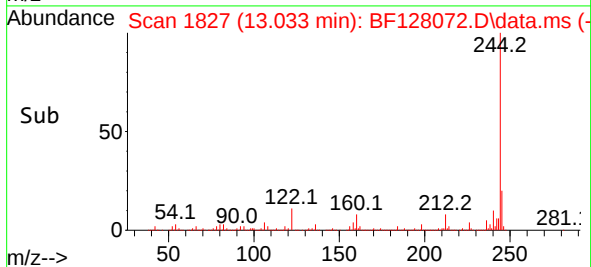
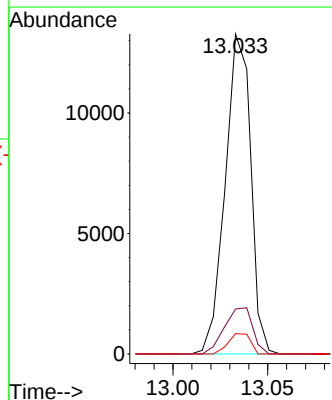
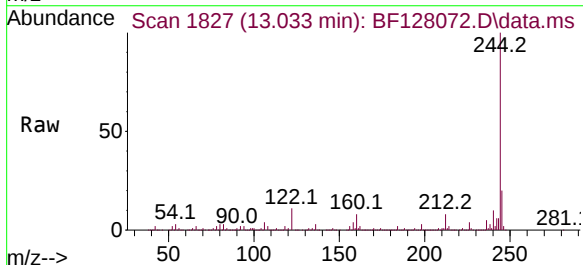
Instrument :
BNA_F
ClientSampleId :
SB-4,6

Tgt Ion:240 Resp: 211953
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 3.105 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.241 min
Lab File: BF128072.D
Acq: 04 May 2022 15:28

Tgt Ion:184 Resp: 12451
Ion Ratio Lower Upper
184 100
185 14.1 12.1 18.1
183 6.4 9.0 13.4#

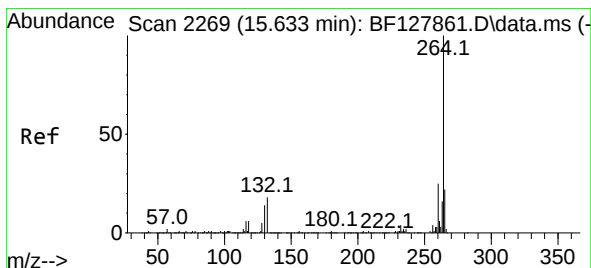
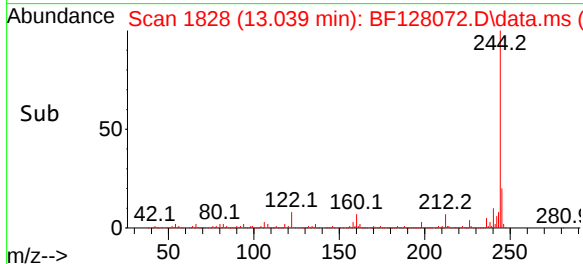
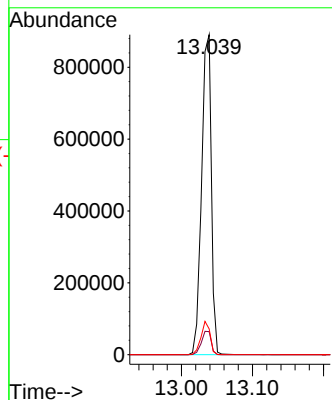
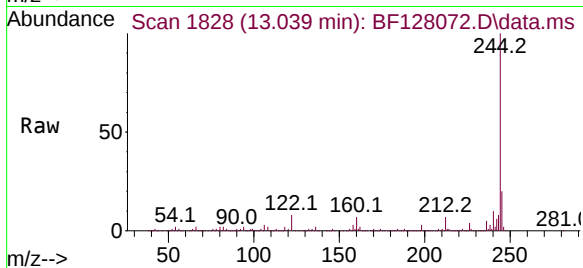




#79
 Terphenyl-d14
 Concen: 73.467 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF128072.D
 Acq: 04 May 2022 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-4,6

Tgt Ion:244 Resp: 851572
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.0 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.603 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF128072.D
 Acq: 04 May 2022 15:28

Tgt Ion:264 Resp: 189529
 Ion Ratio Lower Upper
 264 100
 260 22.4 20.1 30.1
 265 20.6 17.5 26.3

