

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128050.D
 Acq On : 03 May 2022 17:17
 Operator : CG\JU
 Sample : N2619-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-14-15-FT

Quant Time: May 04 04:27:15 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)

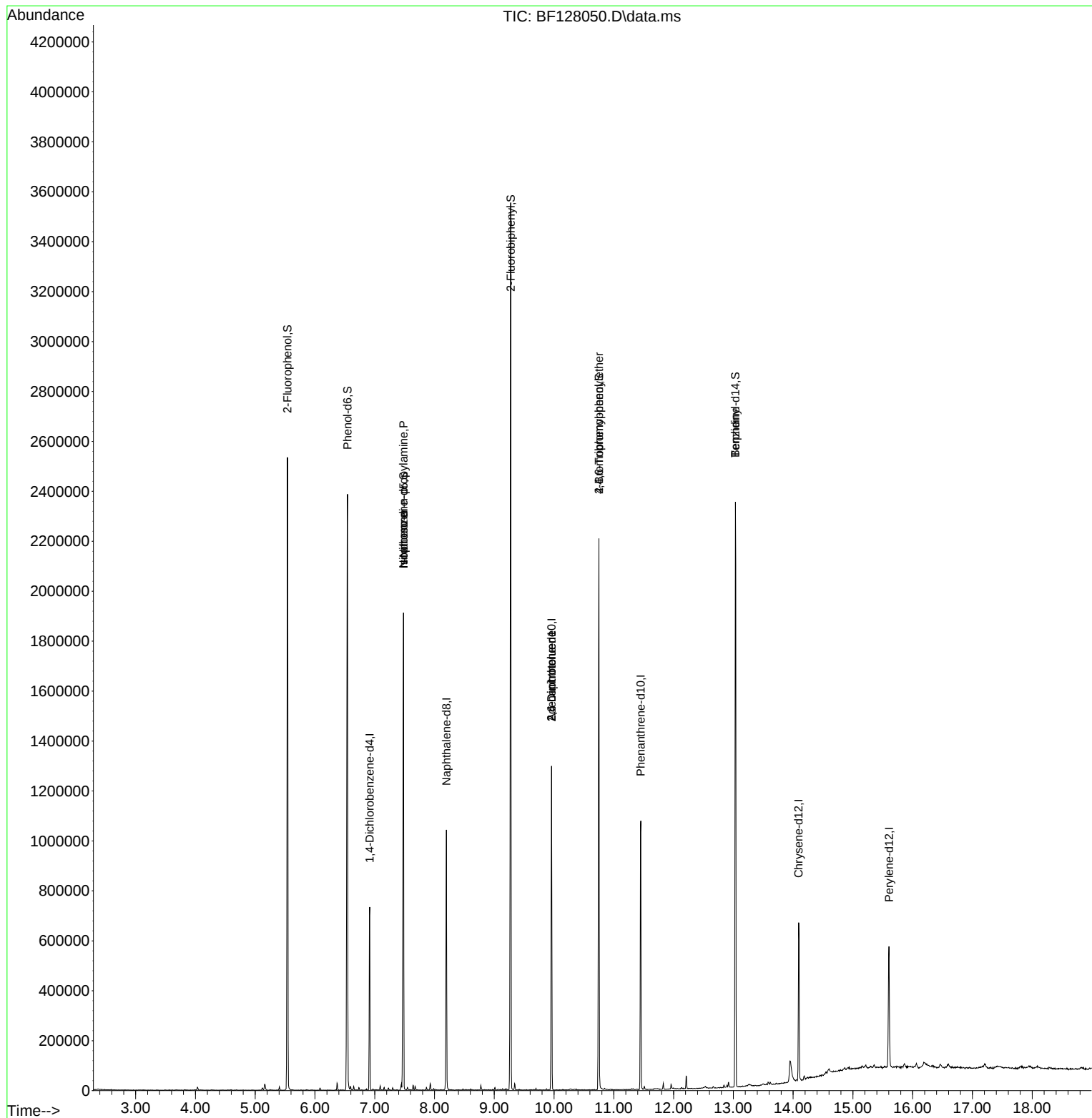
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	103138	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	412198	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	239020	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	406298	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	215333	20.000	ng	-0.01
86) Perylene-d12	15.604	264	221903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	655538	101.236	ng	0.00
7) Phenol-d6	6.546	99	873155	103.920	ng	0.00
23) Nitrobenzene-d5	7.481	82	625190	71.323	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	251159	104.383	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1020933	72.260	ng	0.00
79) Terphenyl-d14	13.033	244	817896	69.454	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	85033	16.533	ng	# 79
25) Isophorone	7.481	82	625182	42.376	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	30060	8.661	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	30060	6.539	ng	# 26
67) 4-Bromophenyl-phenylether	10.751	248	15414	3.422	ng	# 1
77) Benzidine	13.033	184	12349	3.031	ng	# 95

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

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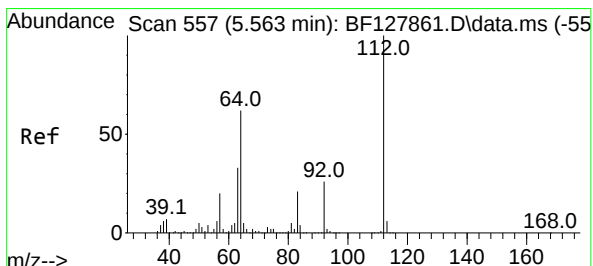
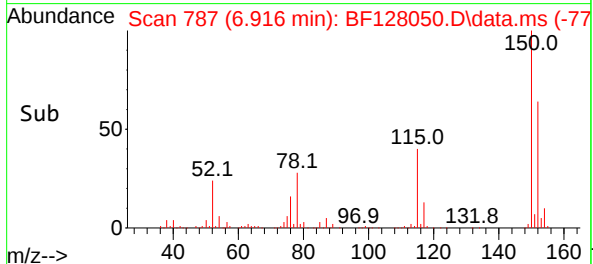
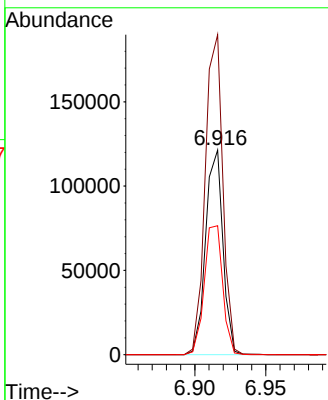
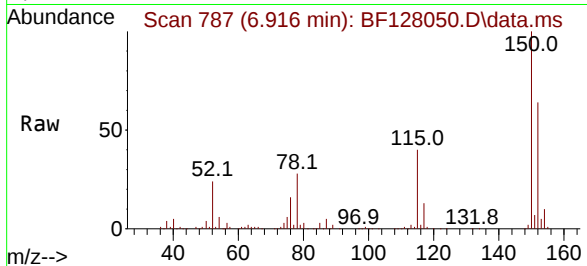




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

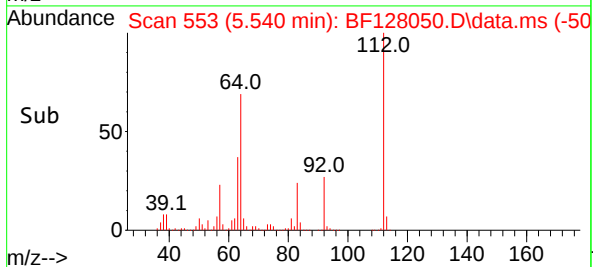
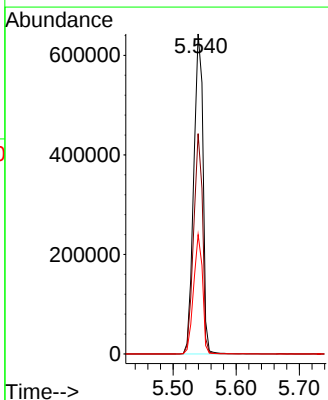
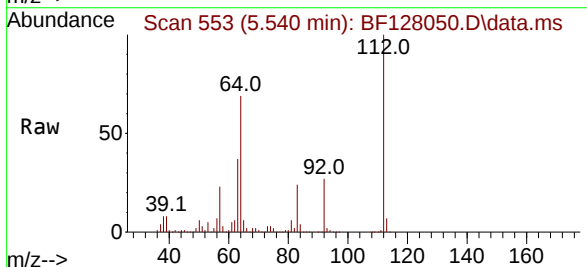
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

Tgt Ion:152 Resp: 103138
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 63.0 48.8 73.2



#5
2-Fluorophenol
Concen: 101.236 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

Tgt Ion:112 Resp: 655538
Ion Ratio Lower Upper
112 100
64 68.9 49.5 74.3
63 37.3 26.3 39.5

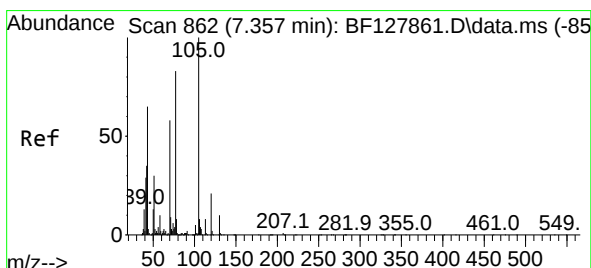
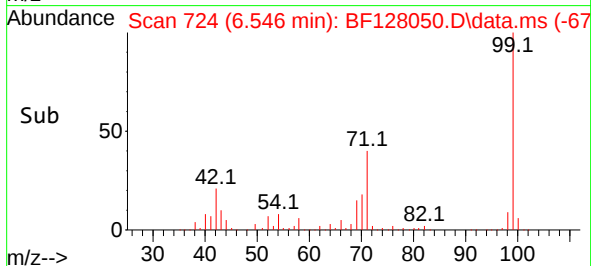
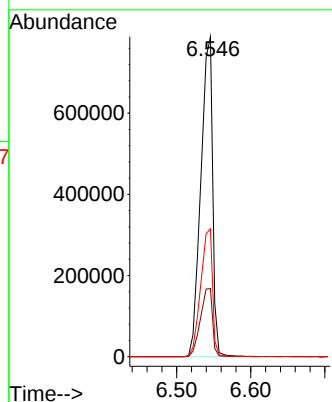
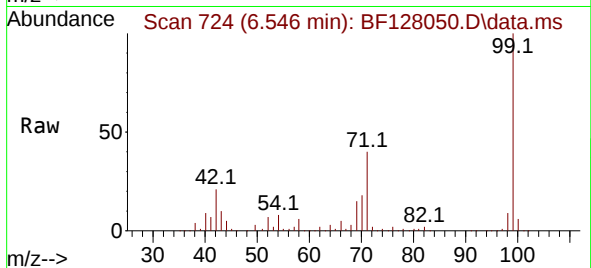




#7
Phenol-d6
Concen: 103.920 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

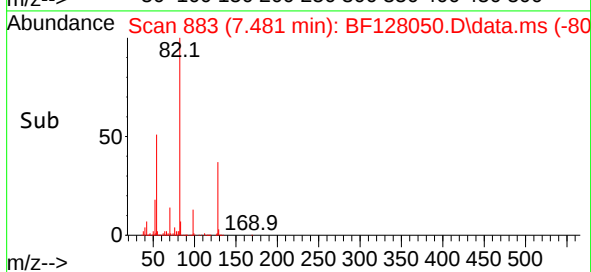
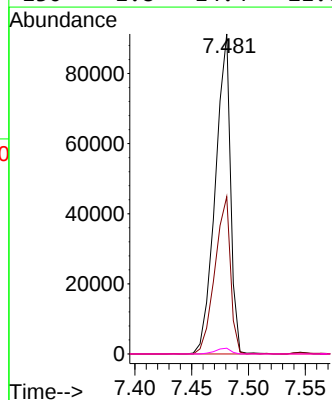
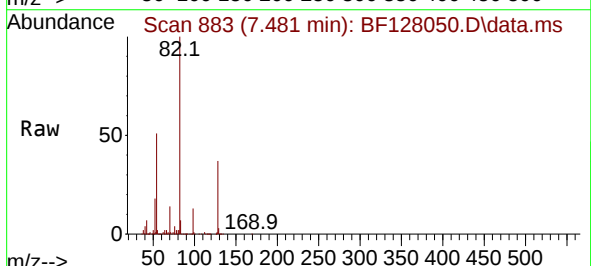
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

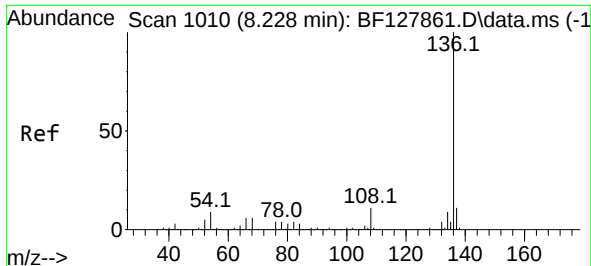
Tgt Ion: 99 Resp: 873155
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 40.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.533 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

Tgt Ion: 70 Resp: 85033
Ion Ratio Lower Upper
70 100
42 49.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

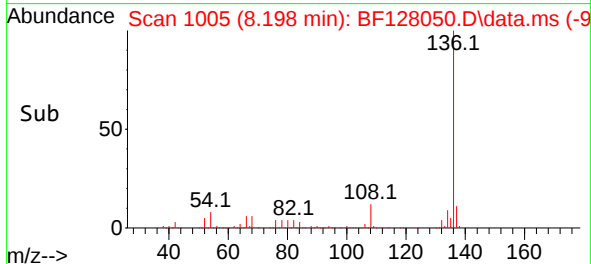
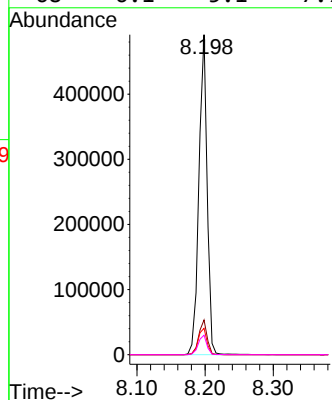
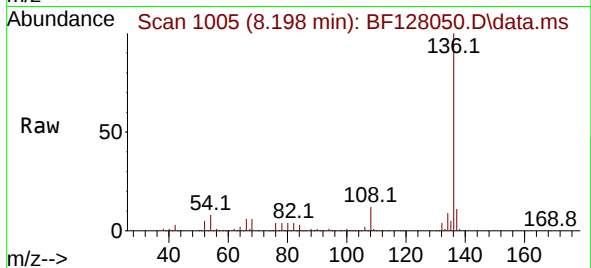




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

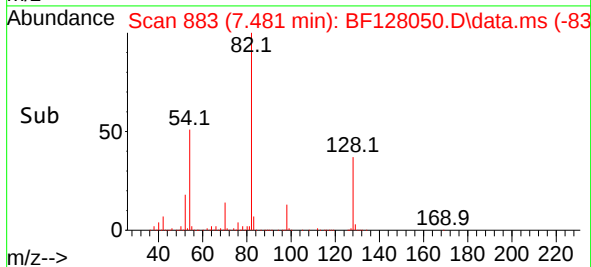
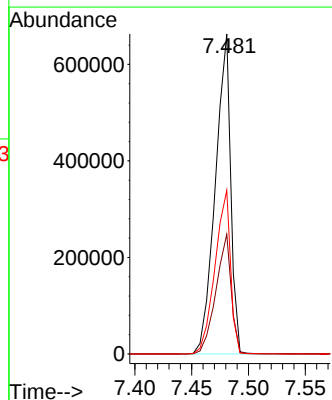
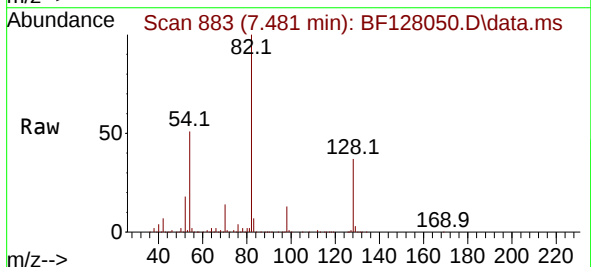
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

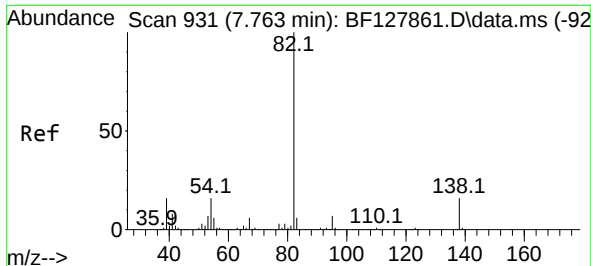
Tgt Ion:136 Resp: 412198
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 6.8 10.2
68 6.1 5.1 7.7



#23
Nitrobenzene-d5
Concen: 71.323 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

Tgt Ion: 82 Resp: 625190
Ion Ratio Lower Upper
82 100
128 37.4 30.0 45.0
54 51.1 41.3 61.9

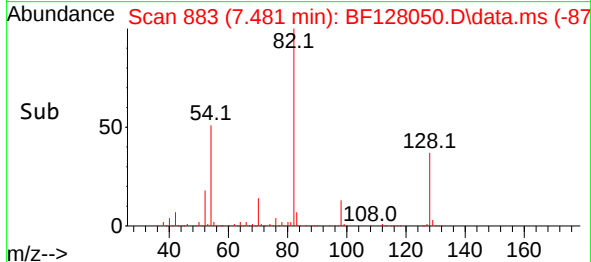
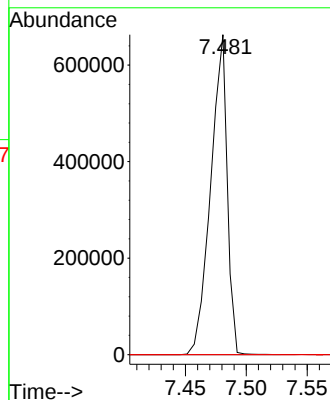
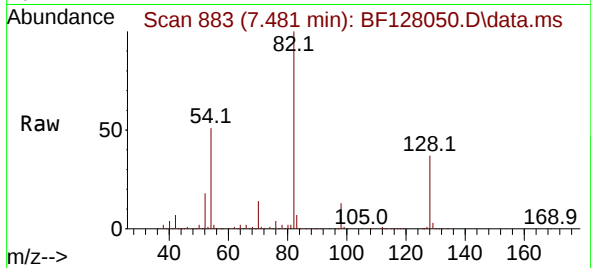




#25
Isophorone
Concen: 42.376 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

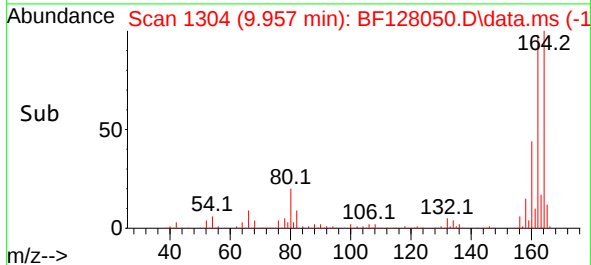
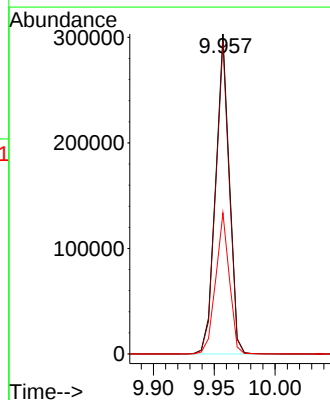
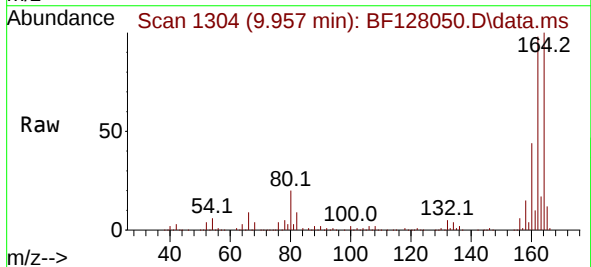
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

Tgt Ion: 82 Resp: 625182
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: BF128050.D
Acq: 03 May 2022 17:17

Tgt Ion:164 Resp: 239020
Ion Ratio Lower Upper
164 100
162 97.6 76.0 114.0
160 44.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 104.383 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128050.D

Acq: 03 May 2022 17:17

Instrument :

BNA_F

ClientSampleId :

SB04-14-15-FT

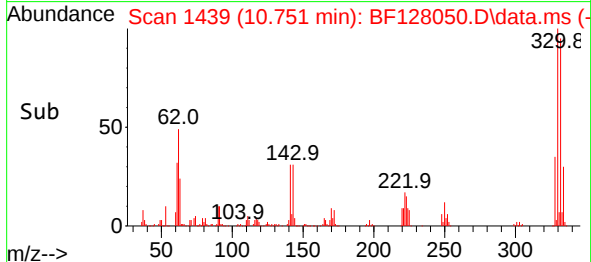
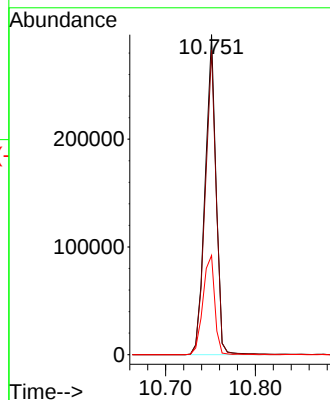
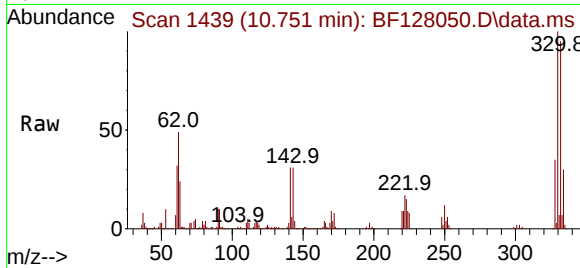
Tgt Ion:330 Resp: 251159

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 72.260 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128050.D

Acq: 03 May 2022 17:17

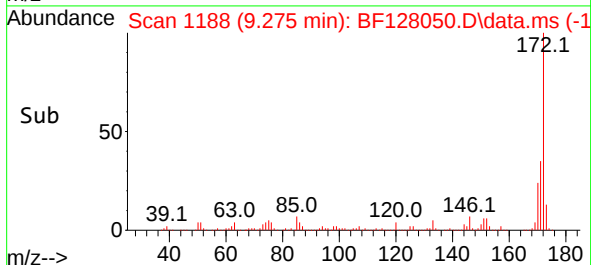
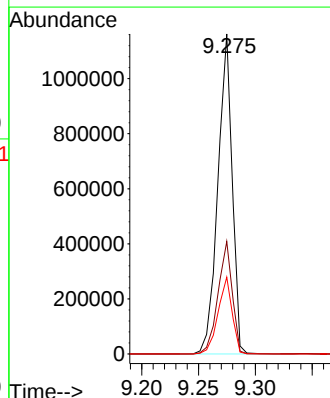
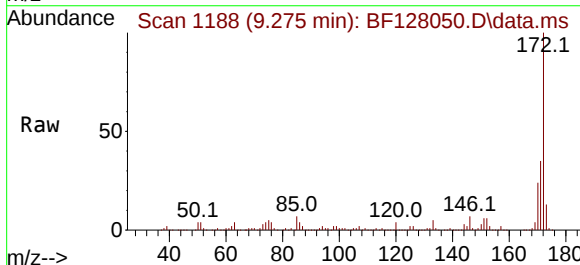
Tgt Ion:172 Resp: 1020933

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 24.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.661 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128050.D

Acq: 03 May 2022 17:17

Instrument :

BNA_F

ClientSampleId :

SB04-14-15-FT

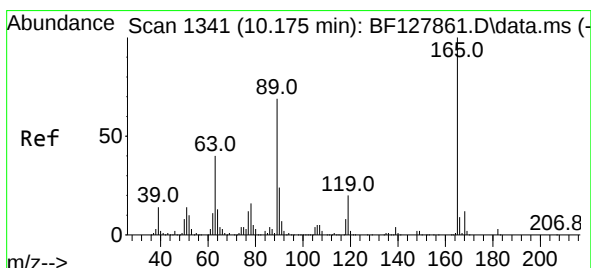
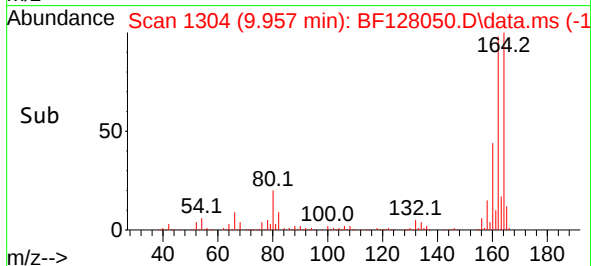
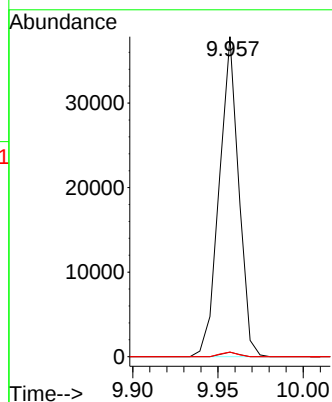
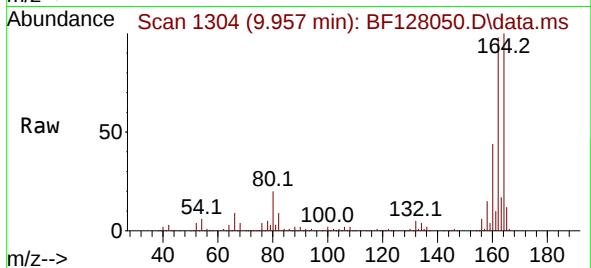
Tgt Ion:165 Resp: 30060

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.539 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF128050.D

Acq: 03 May 2022 17:17

Tgt Ion:165 Resp: 30060

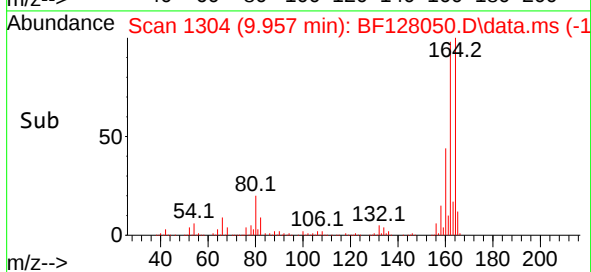
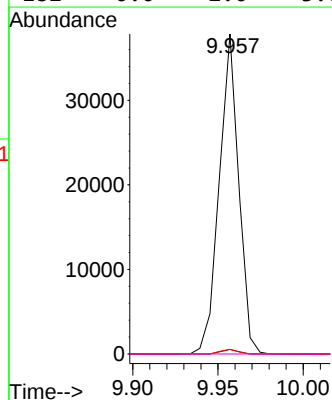
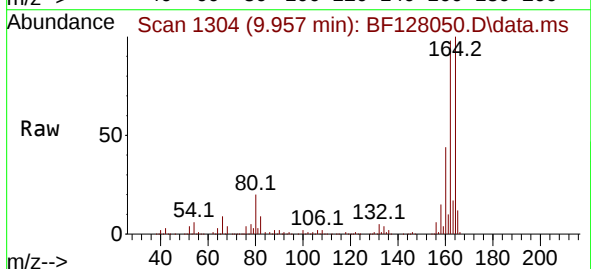
Ion Ratio Lower Upper

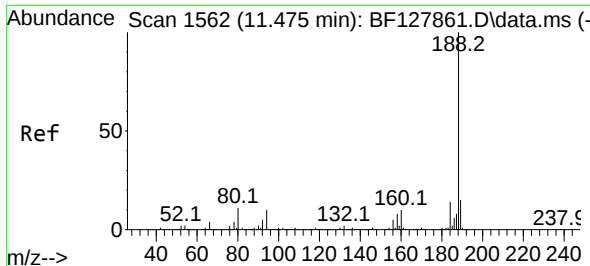
165 100

63 1.4 32.6 49.0#

89 1.4 55.2 82.8#

182 0.0 2.0 3.0#

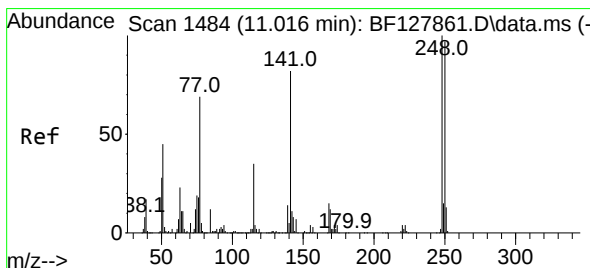
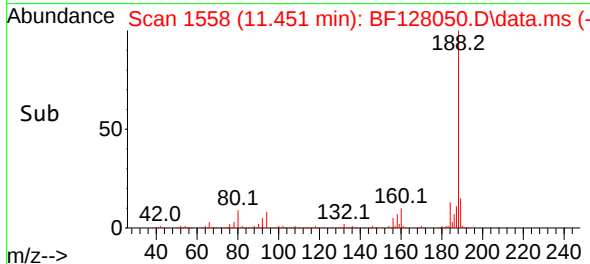
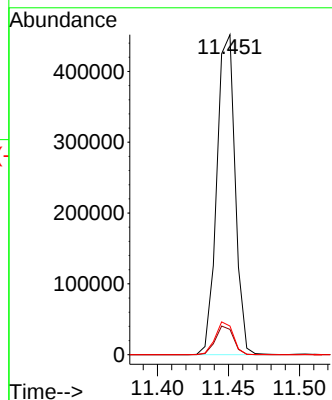
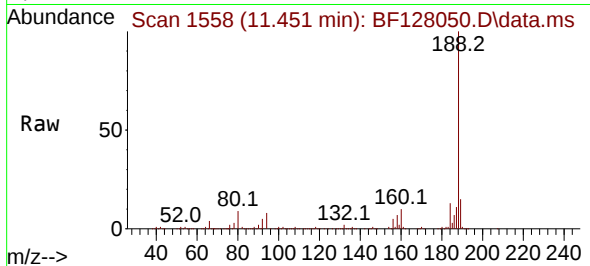




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

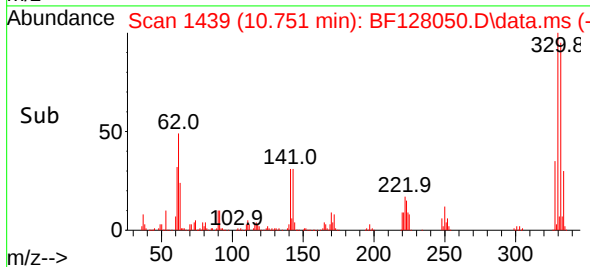
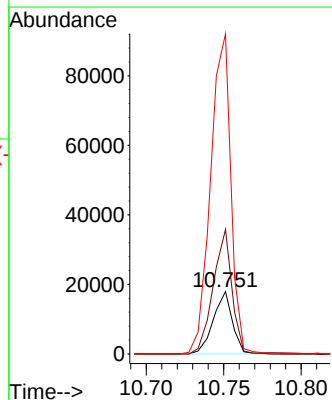
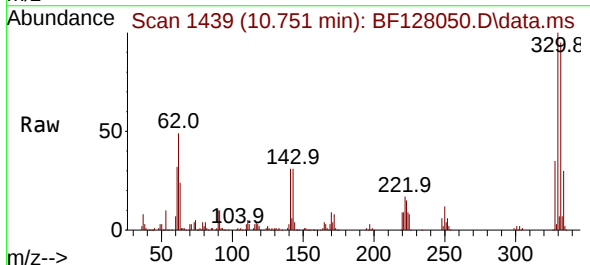
Instrument :
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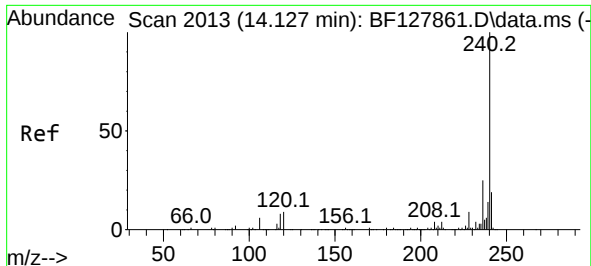
Tgt Ion:188 Resp: 406298
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 9.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.422 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

Tgt Ion:248 Resp: 15414
Ion Ratio Lower Upper
248 100
250 199.7 77.7 116.5#
141 513.3 65.6 98.4#

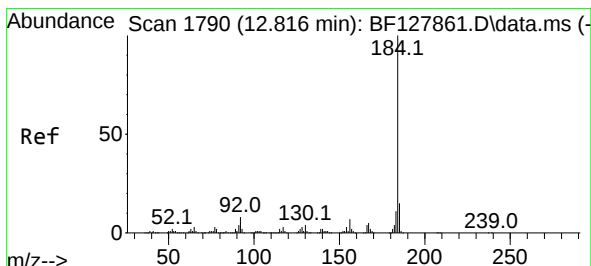
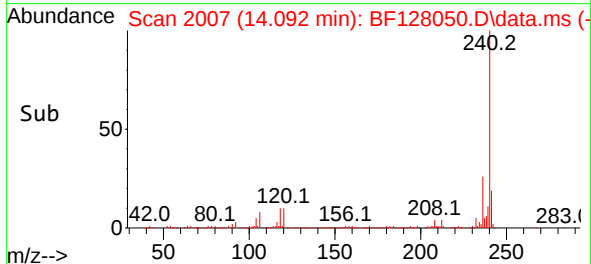
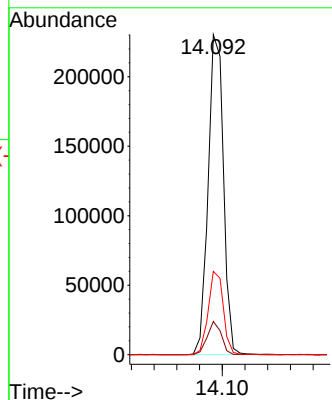
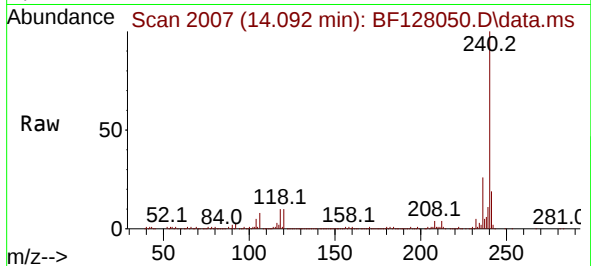




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

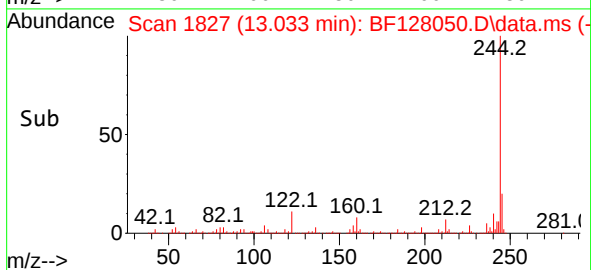
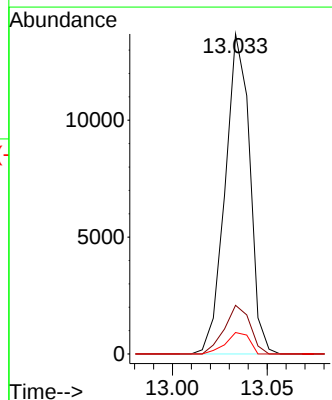
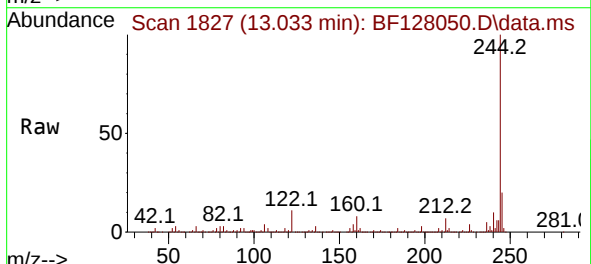
Instrument :
BNA_F
ClientSampleId :
SB04-14-15-FT

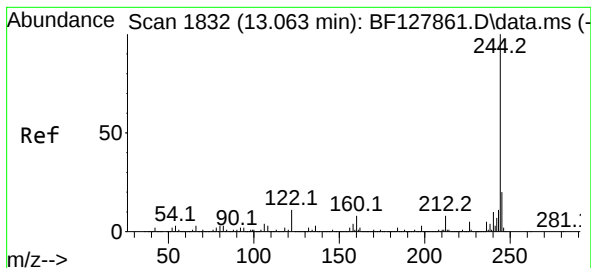
Tgt Ion:240 Resp: 215333
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 26.0 20.3 30.5



#77
Benzidine
Concen: 3.031 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.241 min
Lab File: BF128050.D
Acq: 03 May 2022 17:17

Tgt Ion:184 Resp: 12349
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 6.7 9.0 13.4#





#79

Terphenyl-d14

Concen: 69.454 ng

RT: 13.033 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF128050.D

Acq: 03 May 2022 17:17

Instrument :

BNA_F

ClientSampleId :

SB04-14-15-FT

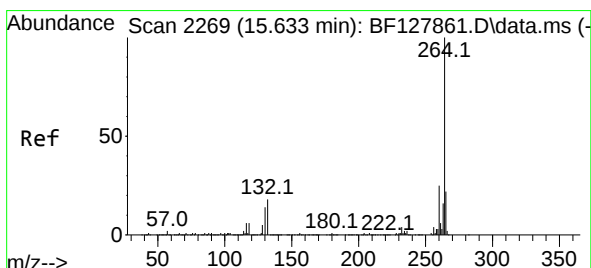
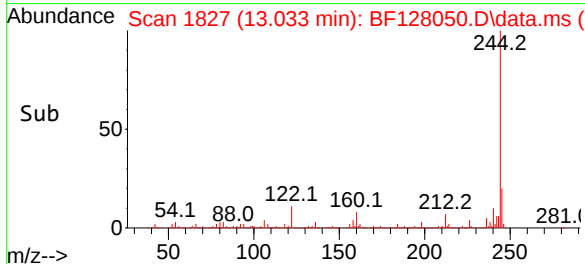
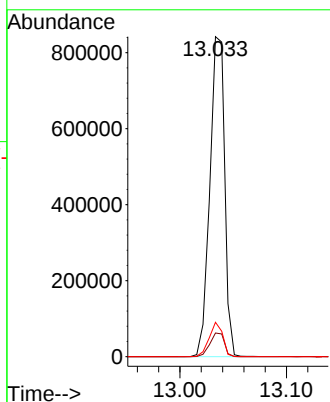
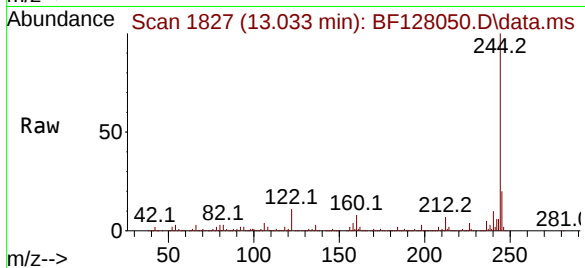
Tgt Ion:244 Resp: 817896

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 10.8 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: BF128050.D

Acq: 03 May 2022 17:17

Tgt Ion:264 Resp: 221903

Ion Ratio Lower Upper

264 100

260 23.4 20.1 30.1

265 21.3 17.5 26.3

