

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128069.D
 Acq On : 04 May 2022 14:02
 Operator : CG\JU
 Sample : N2665-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12,15

Quant Time: May 05 06:02:59 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)

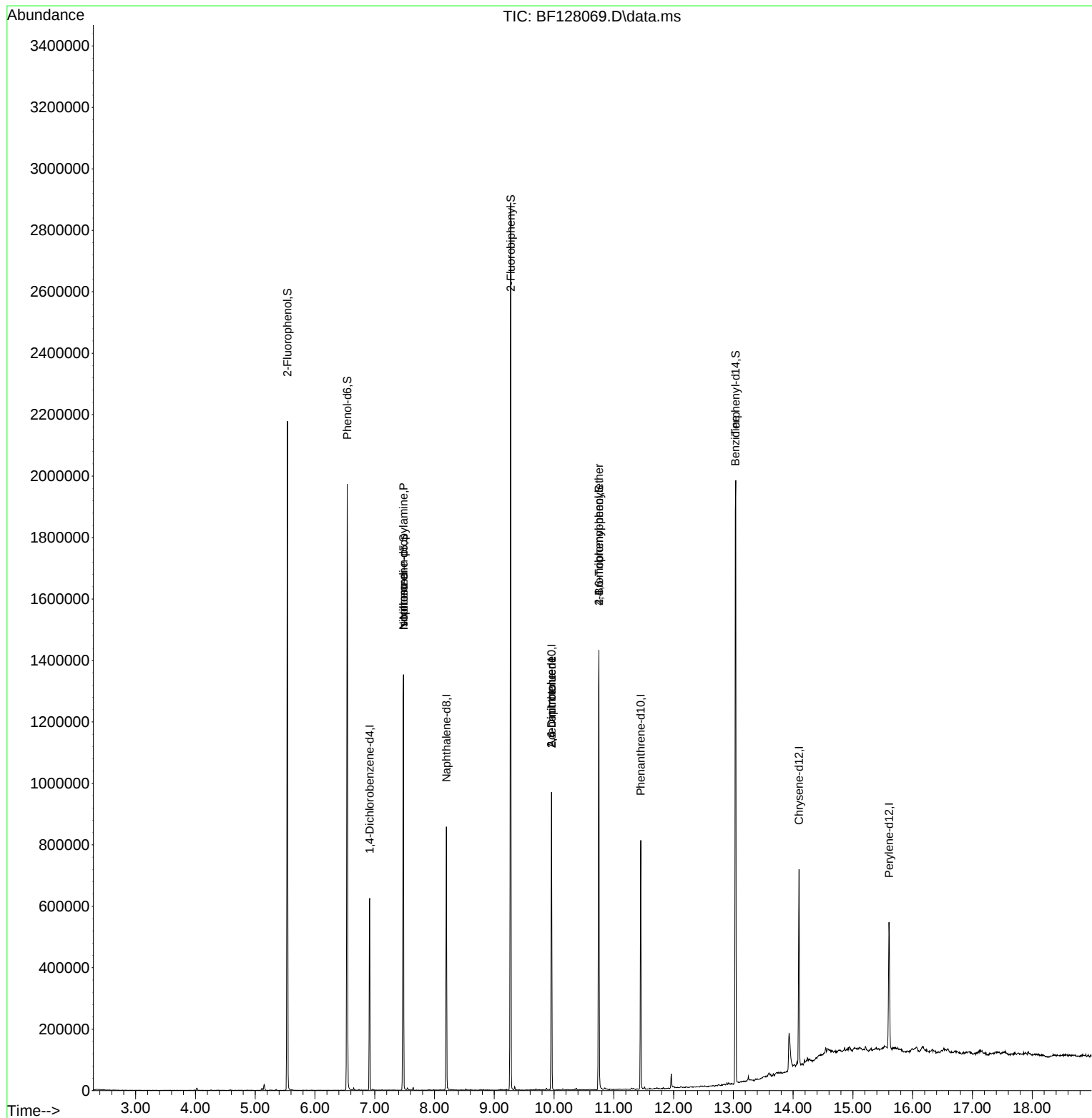
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	90087	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	334887	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	185855	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	289770	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	209150	20.000	ng	0.00
86) Perylene-d12	15.604	264	193790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	513494	90.788	ng	0.00
7) Phenol-d6	6.540	99	666754	90.851	ng	-0.01
23) Nitrobenzene-d5	7.481	82	470212	66.026	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	167676	89.621	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	799681	72.791	ng	0.00
79) Terphenyl-d14	13.039	244	685704	59.950	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	64283	14.309	ng	# 78
25) Isophorone	7.481	82	470290	39.236	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	23669	8.771	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	23669	6.621	ng	# 26
67) 4-Bromophenyl-phenylether	10.751	248	10354	3.223	ng	# 1
77) Benzidine	13.033	184	9959	2.517	ng	# 94

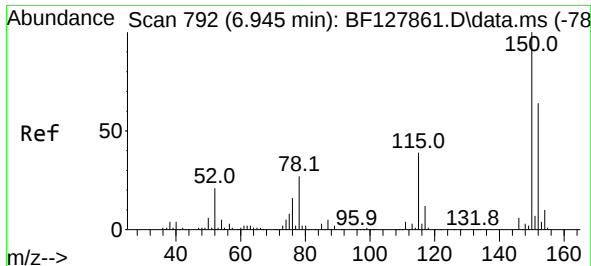
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12,15

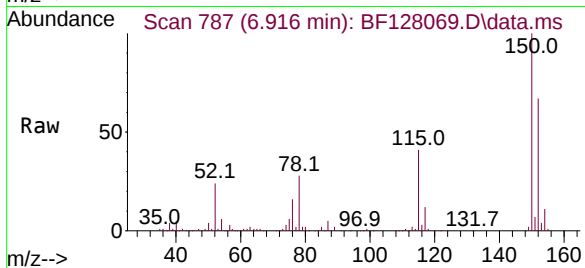
Quant Time: May 05 06:02:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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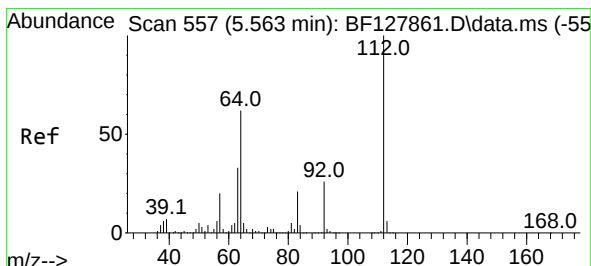
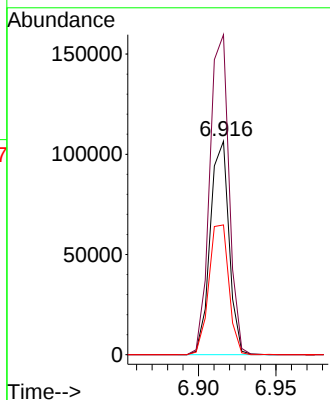
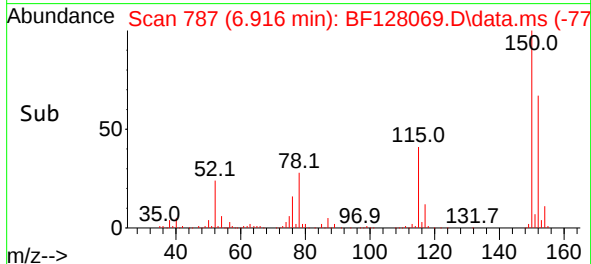


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

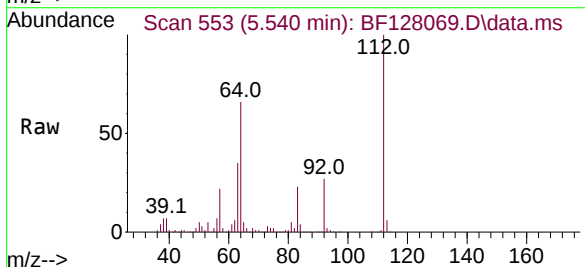
Instrument :
BNA_F
ClientSampleId :
SB-12,15



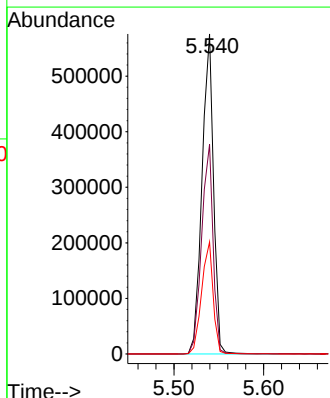
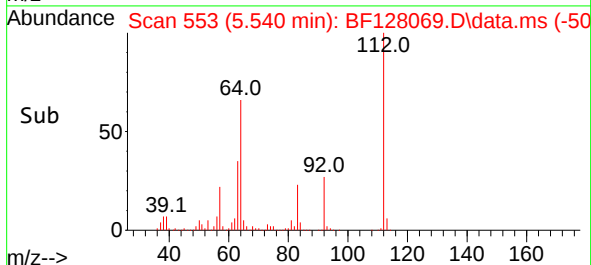
Tgt Ion:152 Resp: 90087
Ion Ratio Lower Upper
152 100
150 149.9 125.3 187.9
115 60.8 48.8 73.2

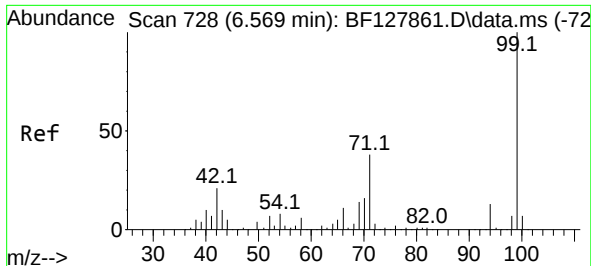


#5
2-Fluorophenol
Concen: 90.788 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02



Tgt Ion:112 Resp: 513494
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 35.0 26.3 39.5

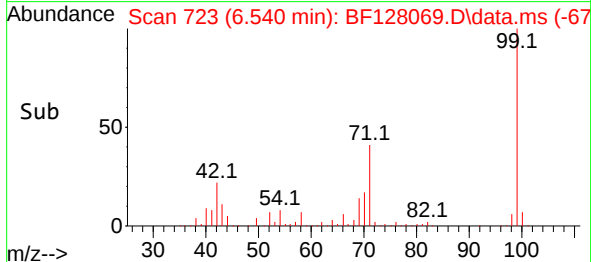
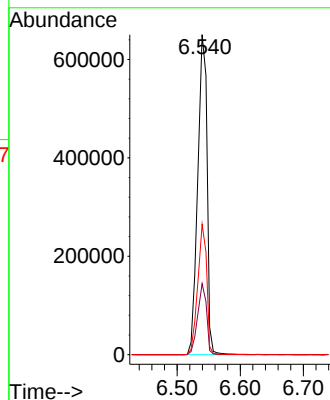
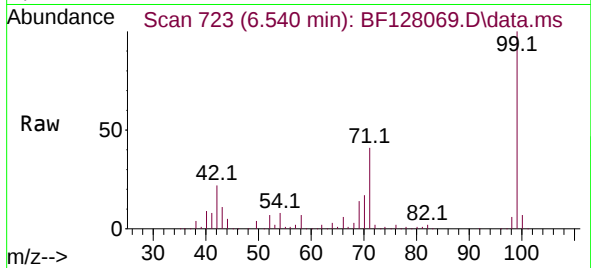




#7
Phenol-d6
Concen: 90.851 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

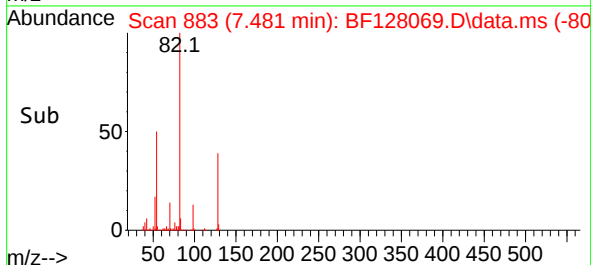
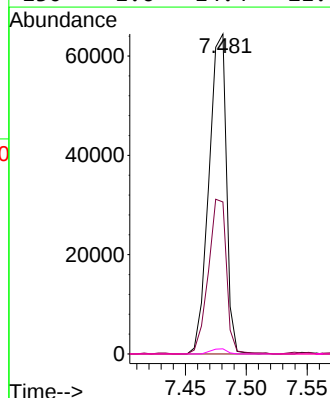
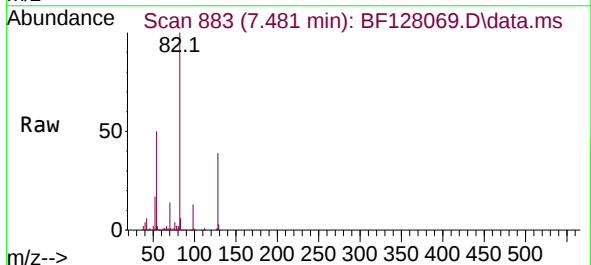
Instrument :
BNA_F
ClientSampleId :
SB-12,15

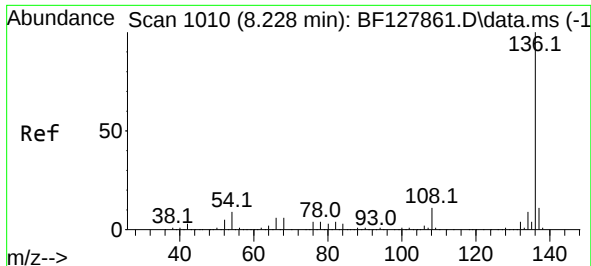
Tgt Ion: 99 Resp: 666754
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 40.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.309 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion: 70 Resp: 64283
Ion Ratio Lower Upper
70 100
42 47.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

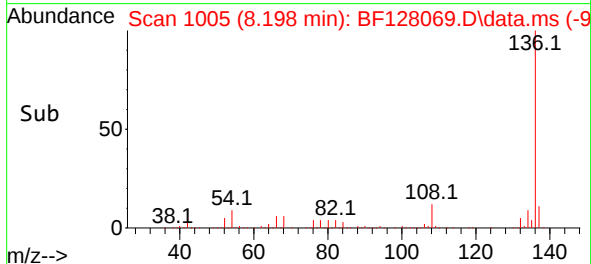
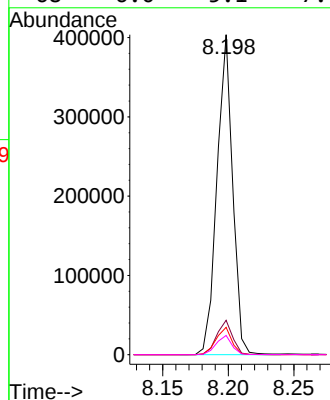
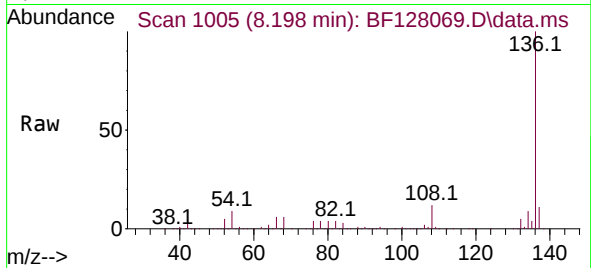




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

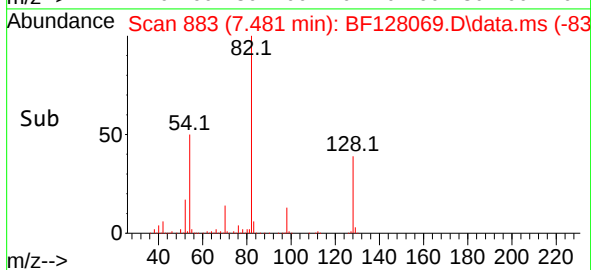
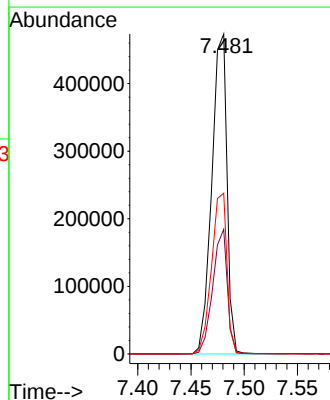
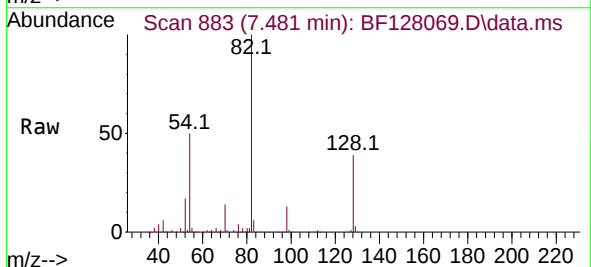
Instrument :
BNA_F
ClientSampleId :
SB-12,15

Tgt Ion:136	Resp: 334887
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 8.6	6.8 10.2
68 6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 66.026 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion: 82	Resp: 470212
Ion Ratio	Lower Upper
82 100	
128 39.0	30.0 45.0
54 50.3	41.3 61.9

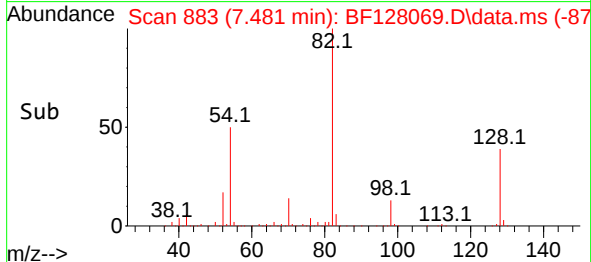
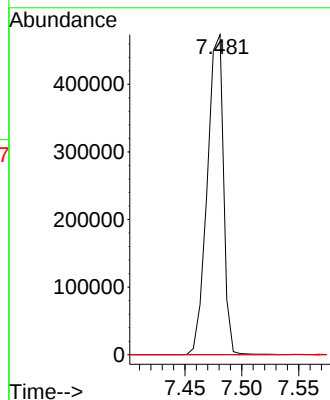
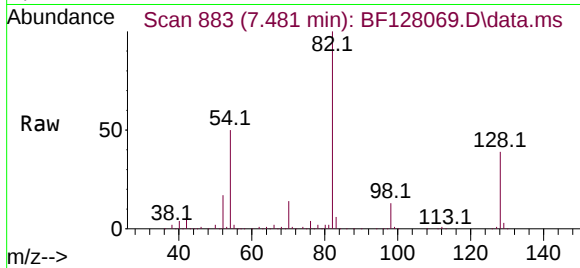




#25
Isophorone
Concen: 39.236 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

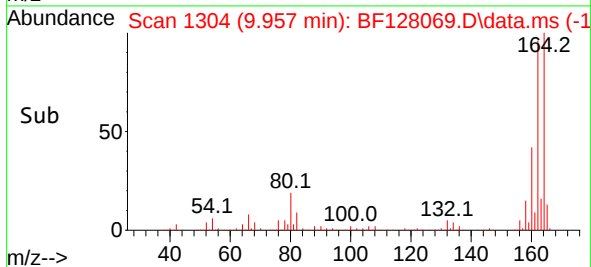
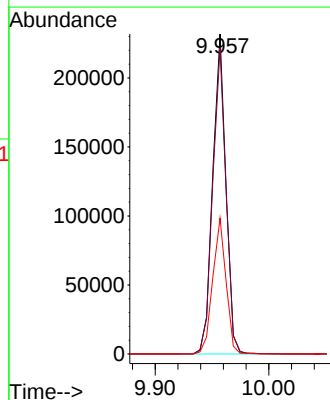
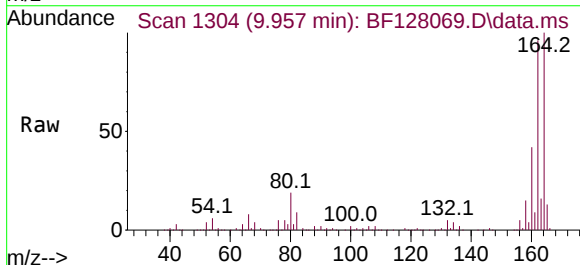
Instrument :
BNA_F
ClientSampleId :
SB-12,15

Tgt Ion: 82 Resp: 470290
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: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion:164 Resp: 185855
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 42.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 89.621 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128069.D

Acq: 04 May 2022 14:02

Instrument :

BNA_F

ClientSampleId :

SB-12,15

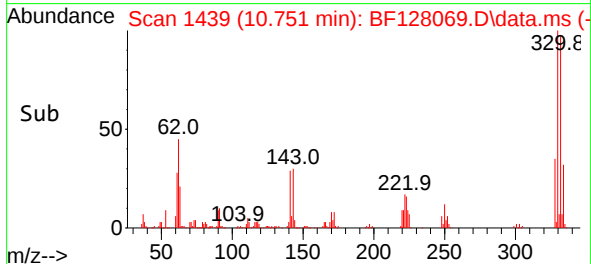
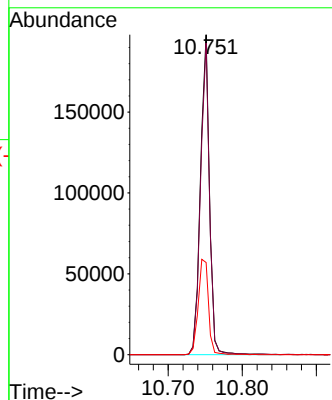
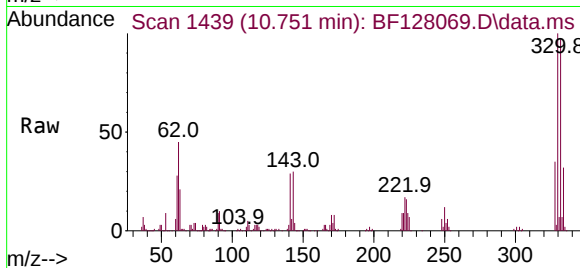
Tgt Ion:330 Resp: 167676

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 72.791 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128069.D

Acq: 04 May 2022 14:02

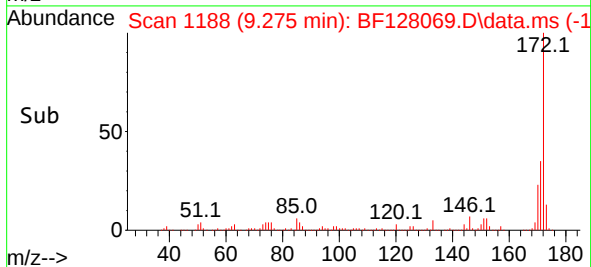
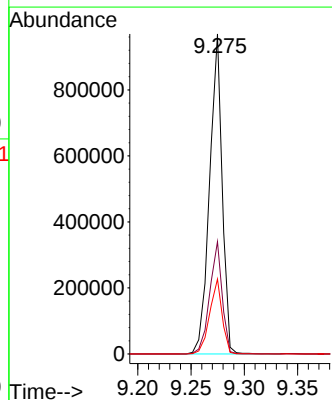
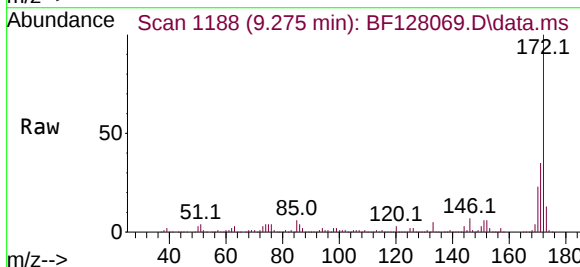
Tgt Ion:172 Resp: 799681

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.4 19.1 28.7

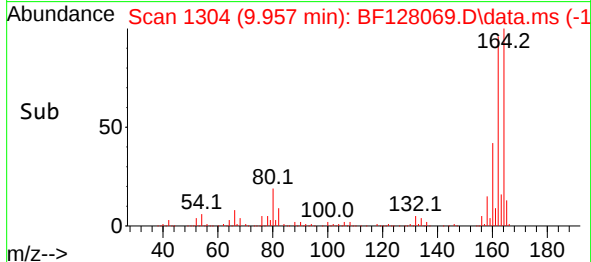
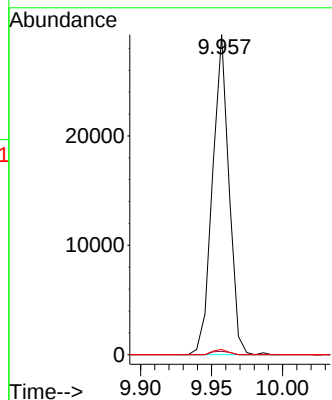
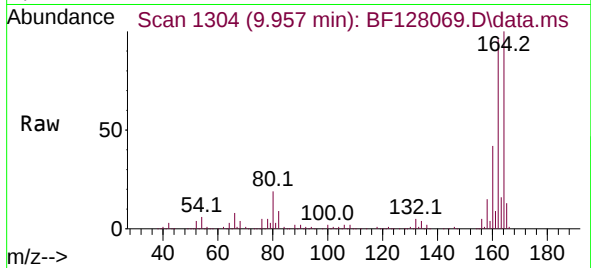




#51
2,6-Dinitrotoluene
Concen: 8.771 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

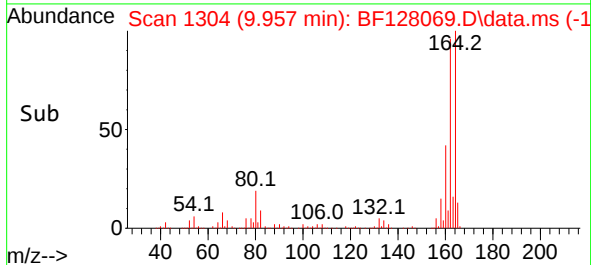
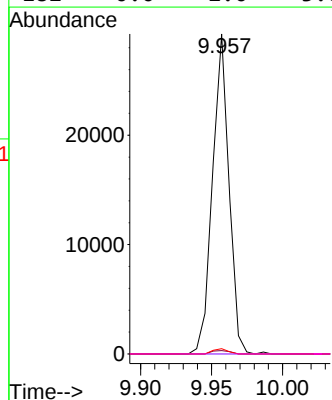
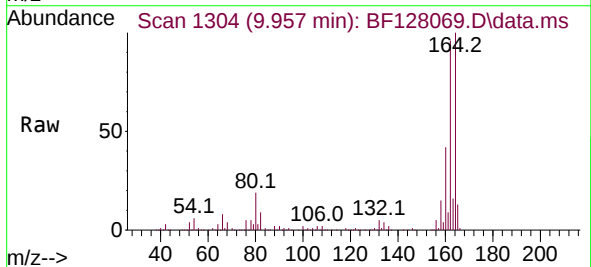
Instrument :
BNA_F
ClientSampleId :
SB-12,15

Tgt Ion:165 Resp: 23669
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.621 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion:165 Resp: 23669
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

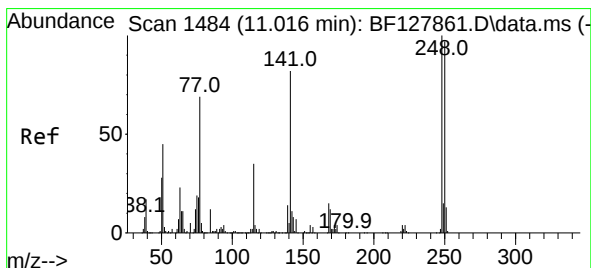
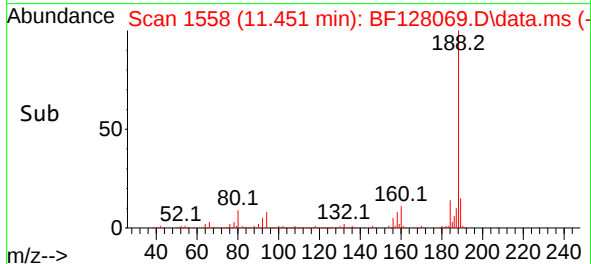
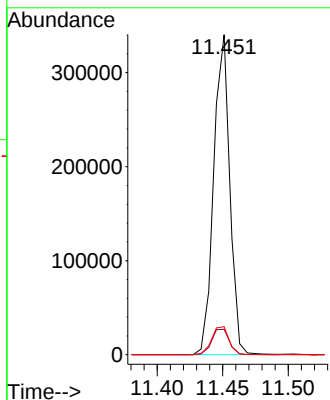
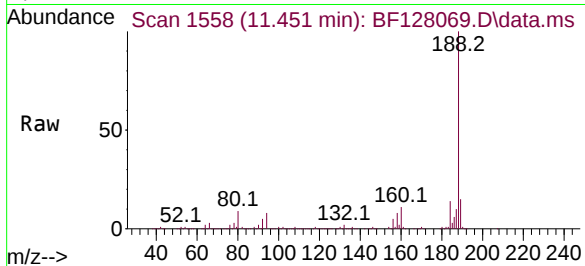




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

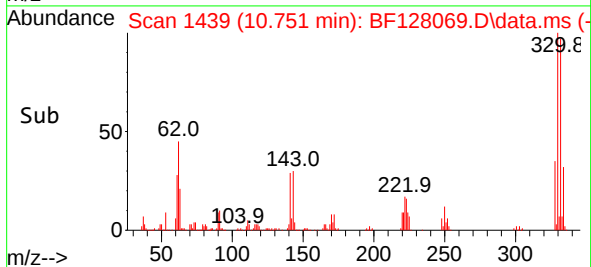
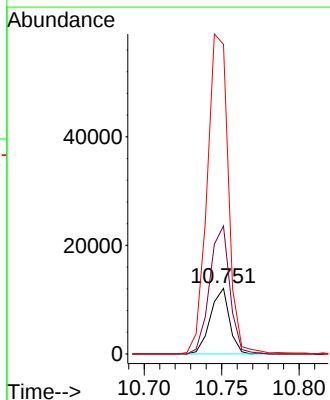
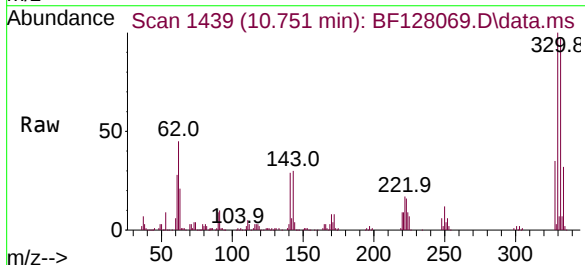
Instrument :
BNA_F
ClientSampleId :
SB-12,15

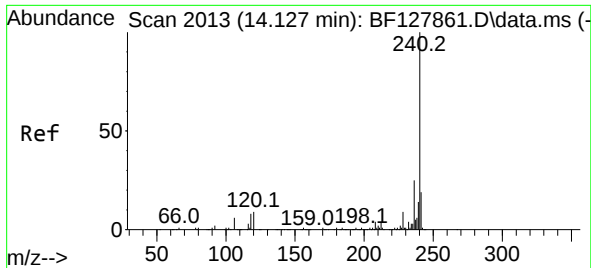
Tgt Ion:188 Resp: 289770
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 8.8 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 3.223 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion:248 Resp: 10354
Ion Ratio Lower Upper
248 100
250 195.1 77.7 116.5#
141 471.8 65.6 98.4#

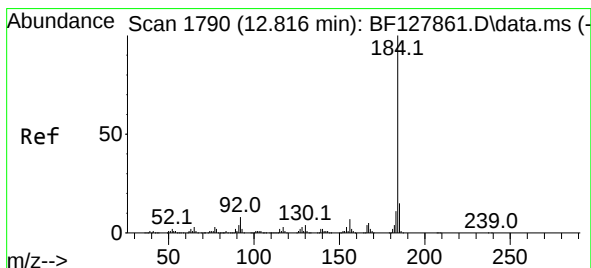
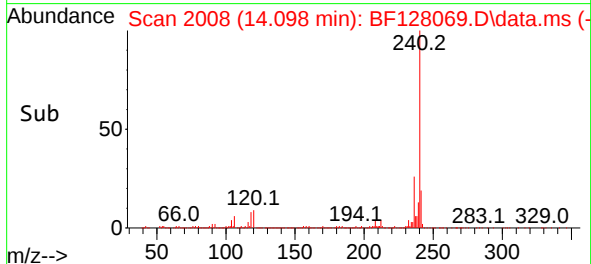
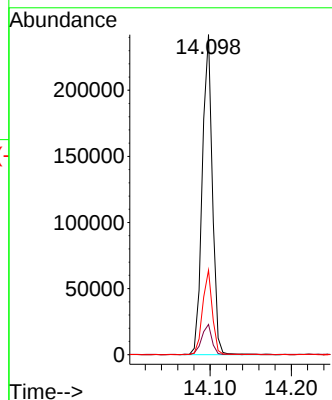
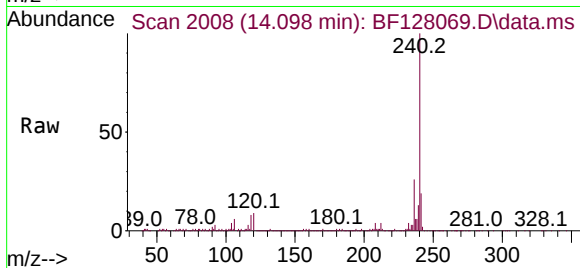




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

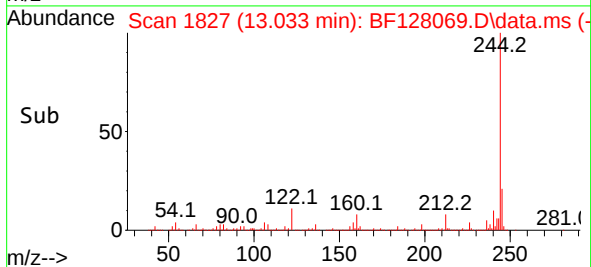
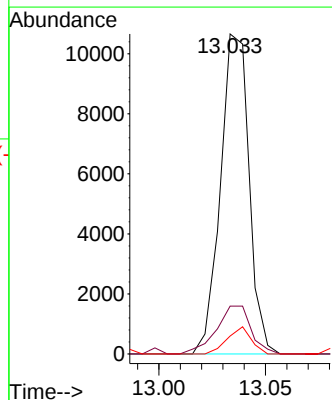
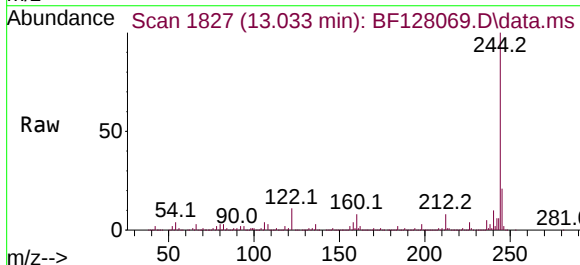
Instrument :
BNA_F
ClientSampleId :
SB-12,15

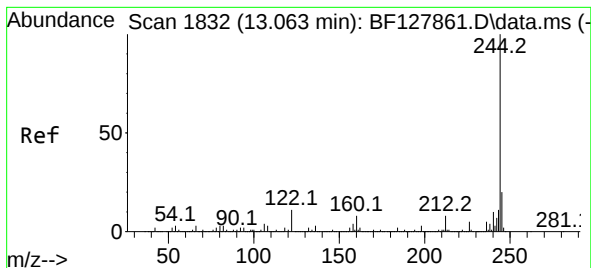
Tgt Ion:240 Resp: 209150
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 26.4 20.3 30.5



#77
Benzidine
Concen: 2.517 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.241 min
Lab File: BF128069.D
Acq: 04 May 2022 14:02

Tgt Ion:184 Resp: 9959
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 5.6 9.0 13.4#





#79

Terphenyl-d14

Concen: 59.950 ng

RT: 13.039 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF128069.D

Acq: 04 May 2022 14:02

Instrument :

BNA_F

ClientSampleId :

SB-12,15

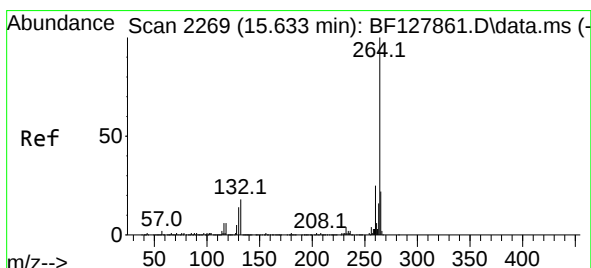
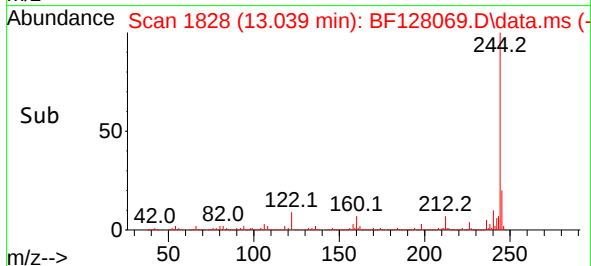
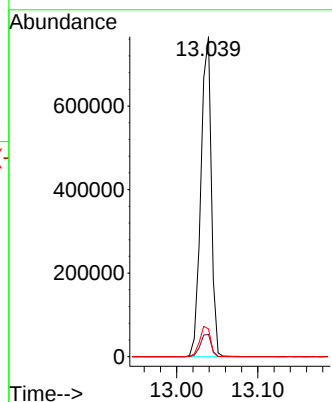
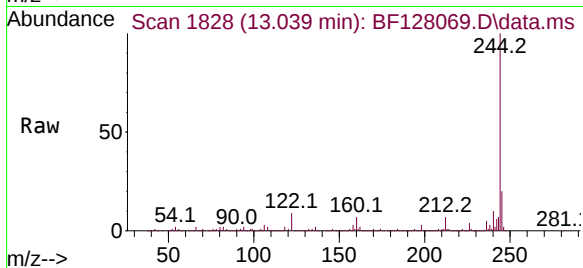
Tgt Ion:244 Resp: 685704

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 8.7 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: BF128069.D

Acq: 04 May 2022 14:02

Tgt Ion:264 Resp: 193790

Ion Ratio Lower Upper

264 100

260 22.7 20.1 30.1

265 21.2 17.5 26.3

