

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128842.D
 Acq On : 16 Jun 2022 16:31
 Operator : CG\JU
 Sample : N3305-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-107-(10-12)

Quant Time: Jun 17 02:22:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

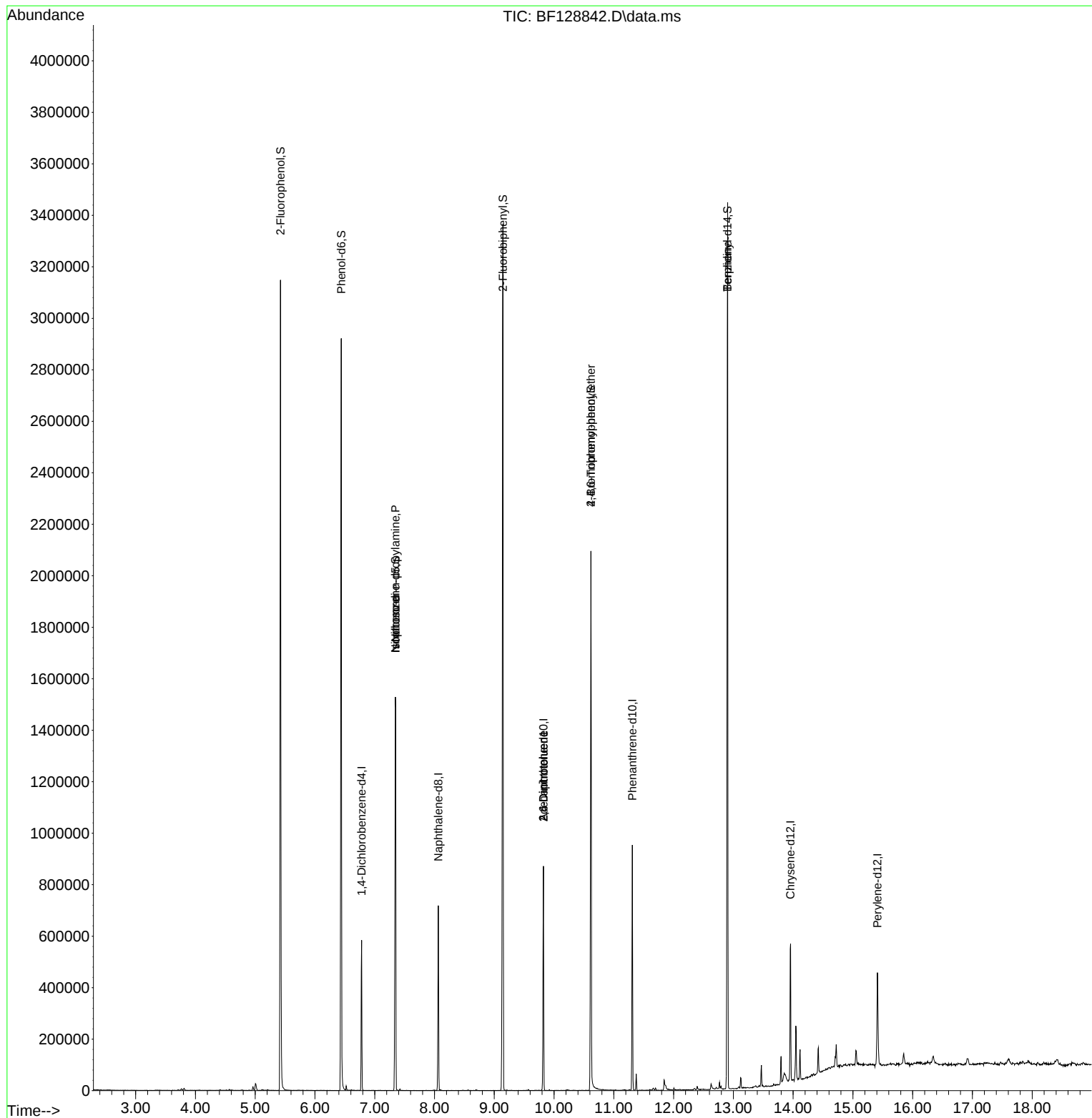
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76662	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	284109	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	167860	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	314422	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	192005	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	152125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	716701	148.911	ng	0.00
7) Phenol-d6	6.440	99	846608	144.103	ng	0.00
23) Nitrobenzene-d5	7.345	82	556064	91.125	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	259700	130.940	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1094111	91.304	ng	0.00
79) Terphenyl-d14	12.904	244	1202326	108.810	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	79257	21.697	ng	# 74
25) Isophorone	7.345	82	556053	59.998	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	21360	9.419	ng	# 26
57) 2,4-Dinitrotoluene	9.822	165	21360	7.058	ng	# 22
67) 4-Bromophenyl-phenylether	10.616	248	16958	4.836	ng	# 1
77) Benzidine	12.904	184	17108	4.470	ng	# 93

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

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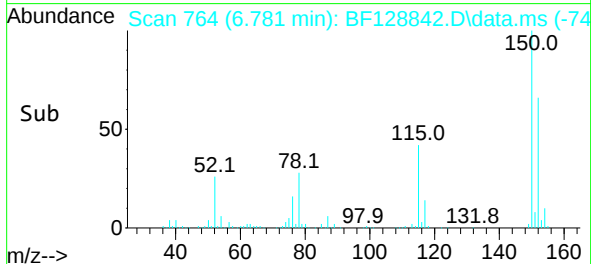
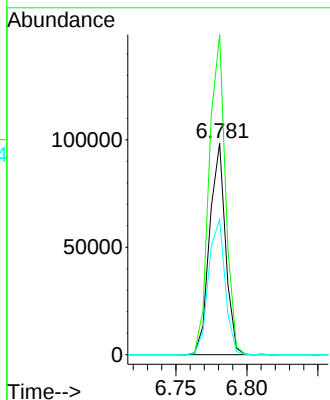
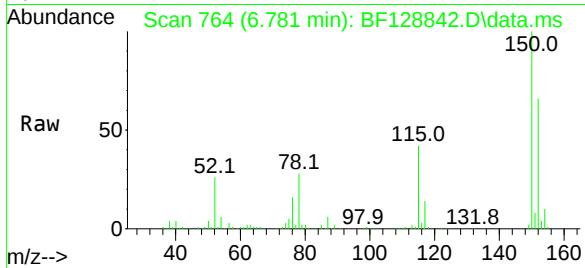




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

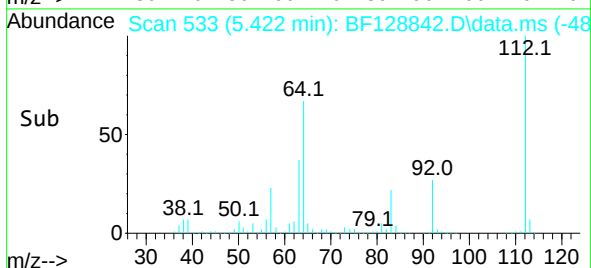
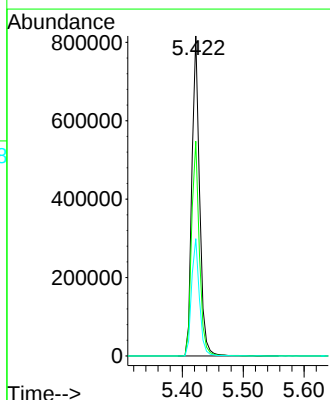
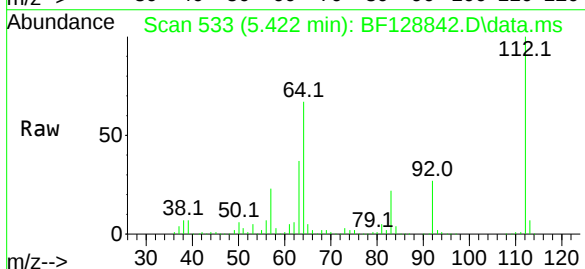
Instrument :
BNA_F
ClientSampleId :
B-107-(10-12)

Tgt Ion:152 Resp: 76662
Ion Ratio Lower Upper
152 100
150 151.2 123.7 185.5
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 148.911 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Tgt Ion:112 Resp: 716701
Ion Ratio Lower Upper
112 100
64 67.1 53.3 79.9
63 36.6 28.0 42.0

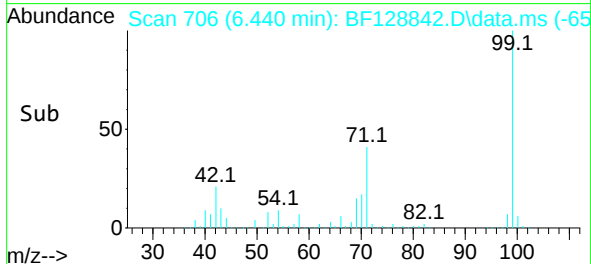
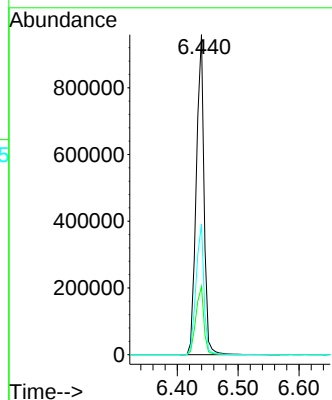
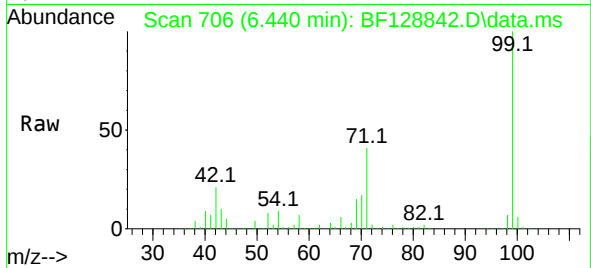




#7
Phenol-d6
Concen: 144.103 ng
RT: 6.440 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

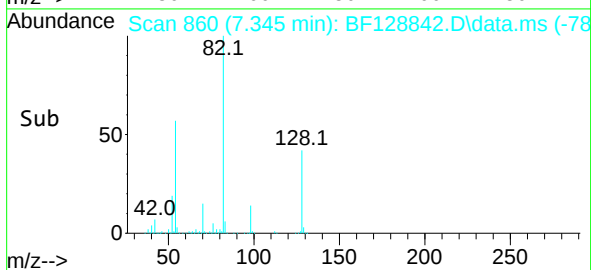
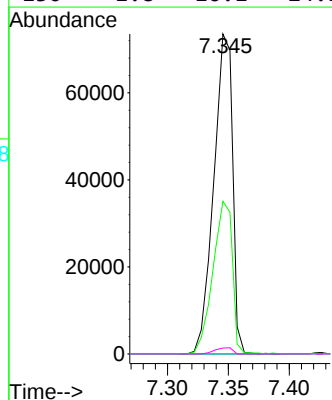
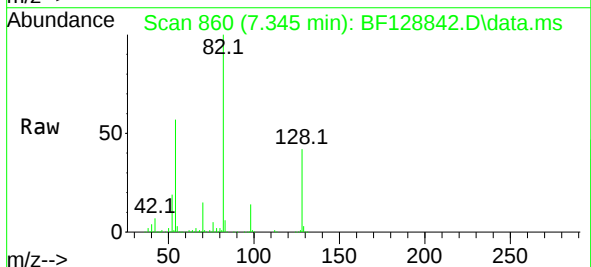
Instrument :
BNA_F
ClientSampleId :
B-107-(10-12)

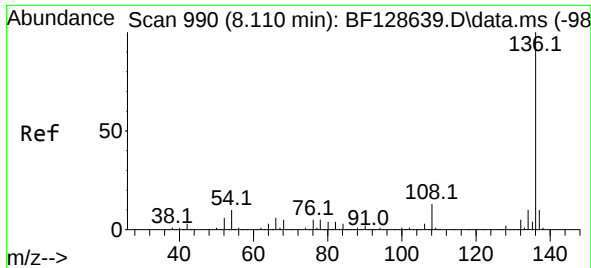
Tgt Ion: 99 Resp: 846608
Ion Ratio Lower Upper
99 100
42 21.3 17.3 25.9
71 40.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.697 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Tgt Ion: 70 Resp: 79257
Ion Ratio Lower Upper
70 100
42 47.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



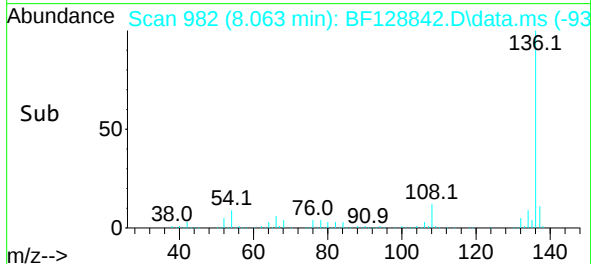
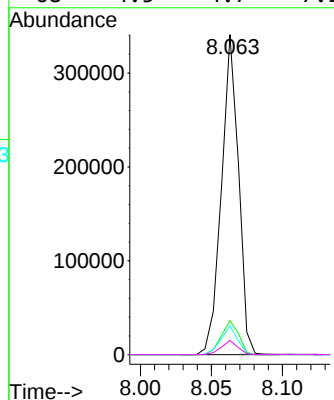
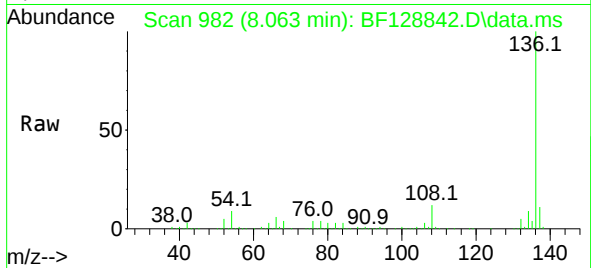


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Instrument :
BNA_F
ClientSampleId :
B-107-(10-12)

Tgt Ion:136 Resp: 284109

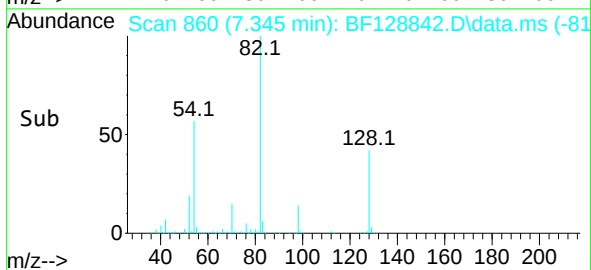
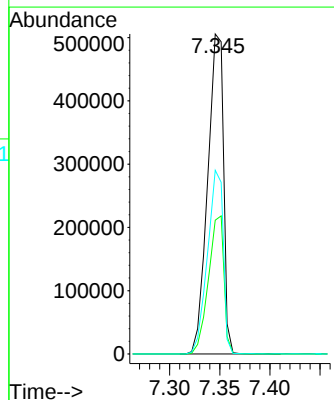
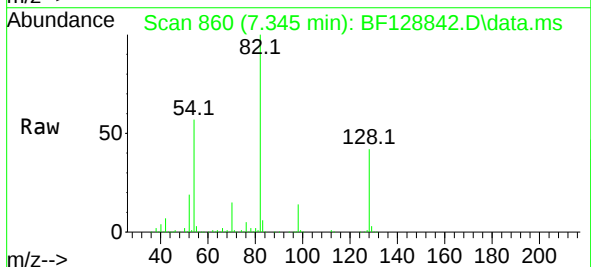
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.0	7.5	11.3
68	4.5	4.7	7.1

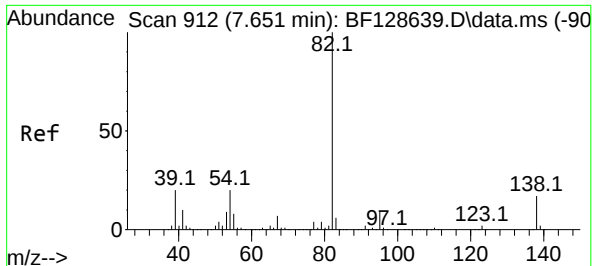


#23
Nitrobenzene-d5
Concen: 91.125 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Tgt Ion: 82 Resp: 556064

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.0	51.0
54	57.4	46.9	70.3

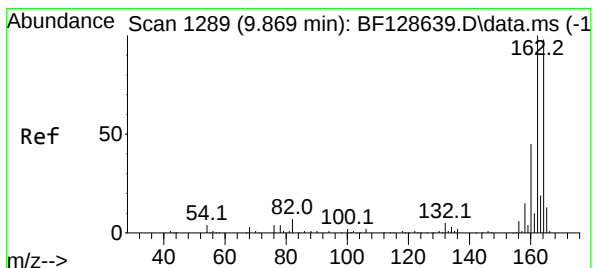
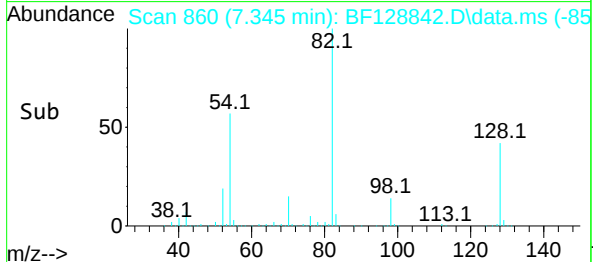
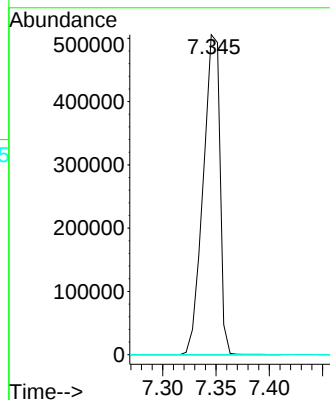
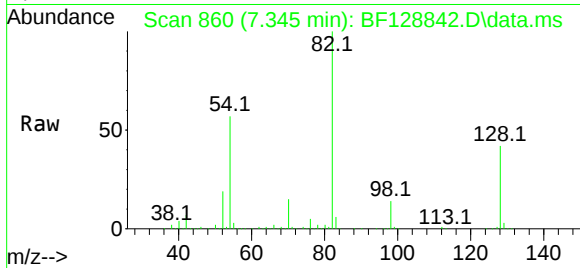




#25
Isophorone
Concen: 59.998 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

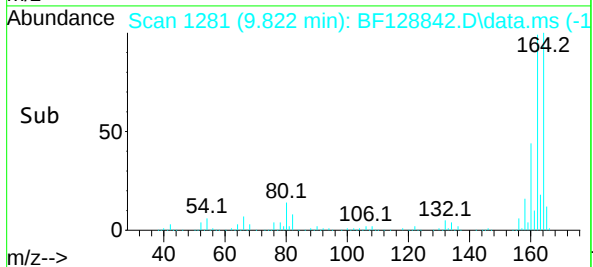
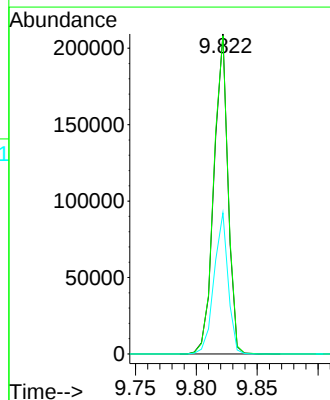
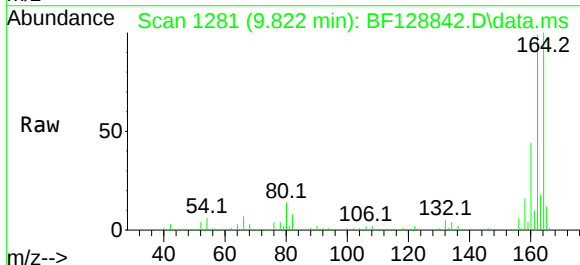
Instrument :
BNA_F
ClientSampleId :
B-107-(10-12)

Tgt Ion: 82 Resp: 556053
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: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Tgt Ion:164 Resp: 167860
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.940 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128842.D

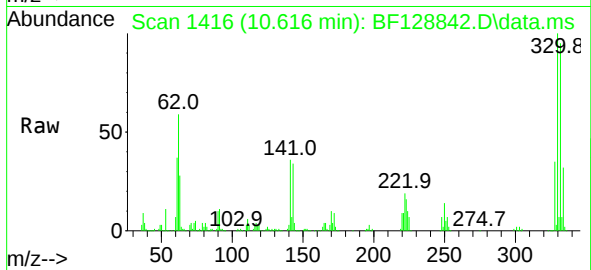
Acq: 16 Jun 2022 16:31

Instrument :

BNA_F

ClientSampleId :

B-107-(10-12)



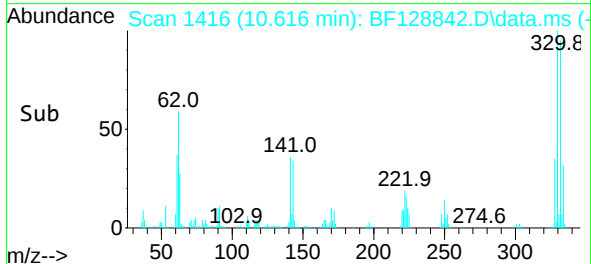
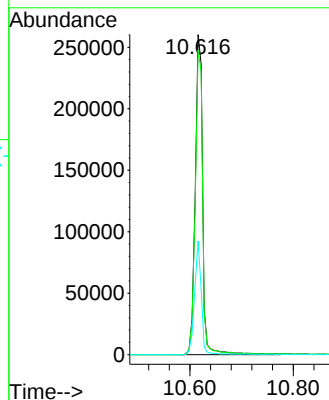
Tgt Ion:330 Resp: 259700

Ion Ratio Lower Upper

330 100

332 93.4 76.8 115.2

141 32.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 91.304 ng

RT: 9.145 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF128842.D

Acq: 16 Jun 2022 16:31

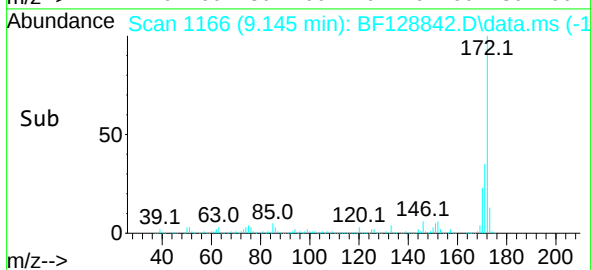
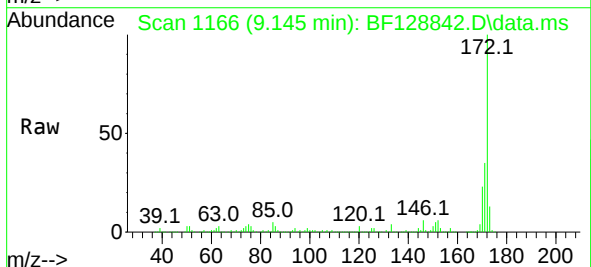
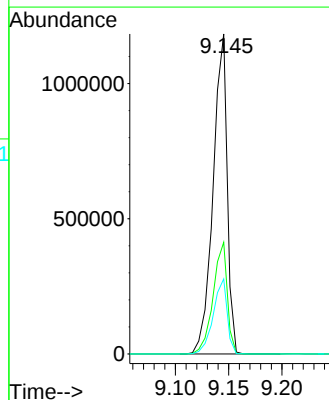
Tgt Ion:172 Resp: 1094111

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.419 ng

RT: 9.822 min Scan# 1281

Delta R.T. 0.206 min

Lab File: BF128842.D

Acq: 16 Jun 2022 16:31

Instrument :

BNA_F

ClientSampleId :

B-107-(10-12)

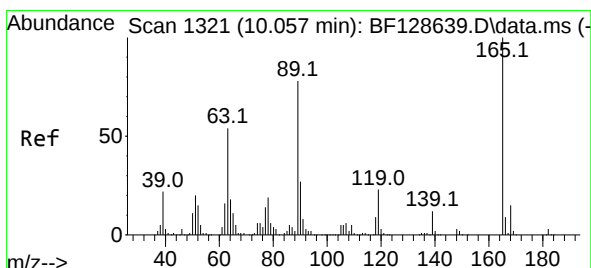
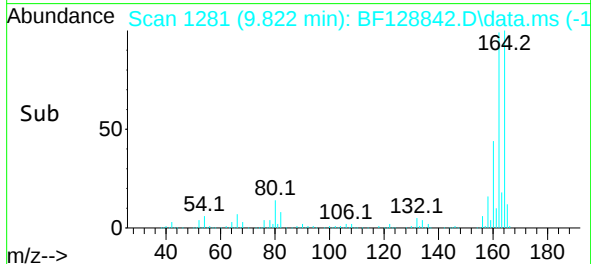
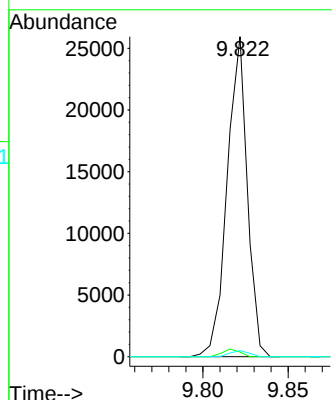
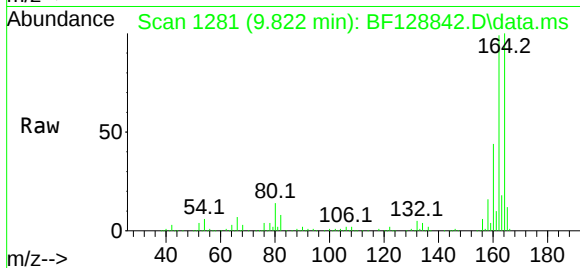
Tgt Ion:165 Resp: 21360

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.058 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.200 min

Lab File: BF128842.D

Acq: 16 Jun 2022 16:31

Tgt Ion:165 Resp: 21360

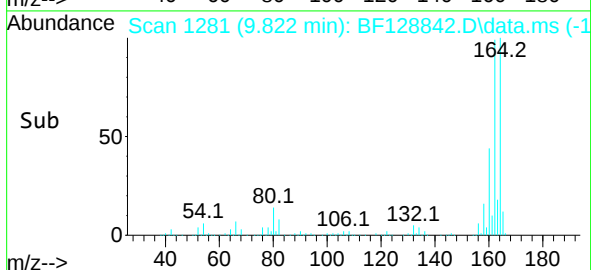
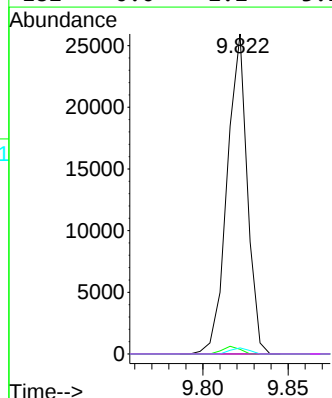
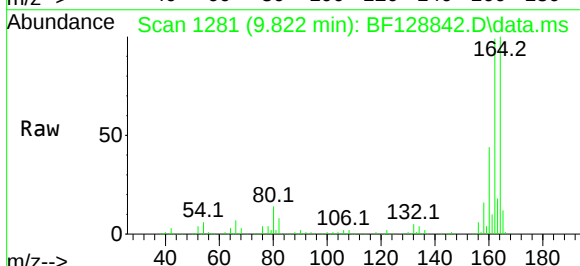
Ion Ratio Lower Upper

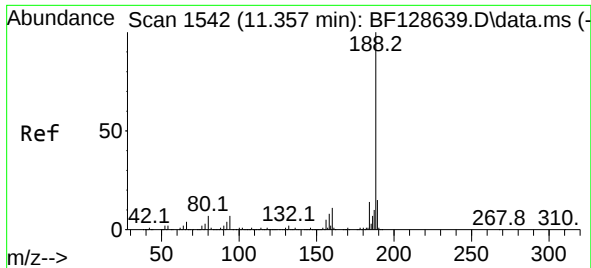
165 100

63 1.4 39.8 59.6#

89 1.9 60.2 90.2#

182 0.0 2.2 3.2#

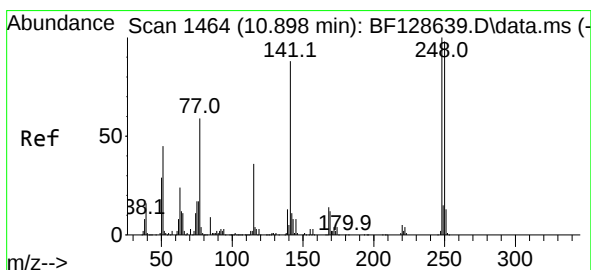
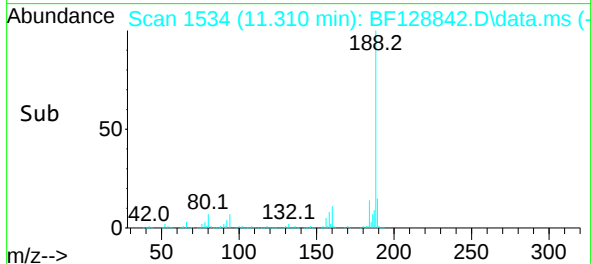
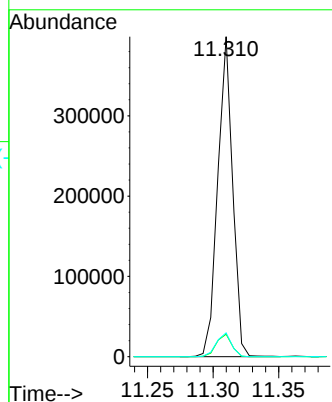
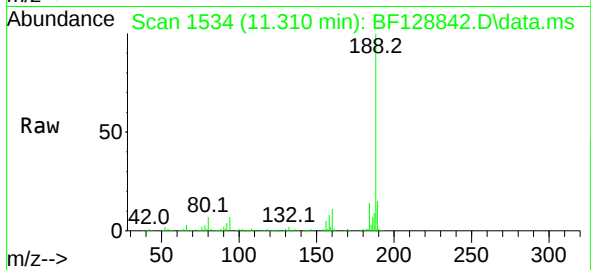




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

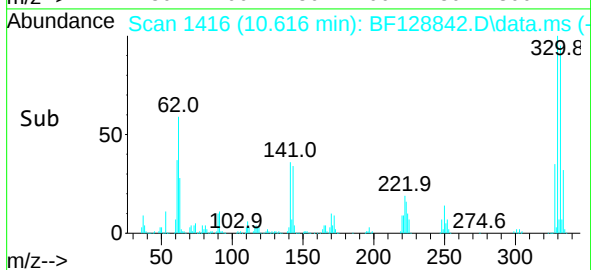
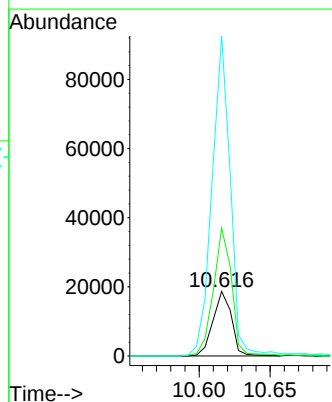
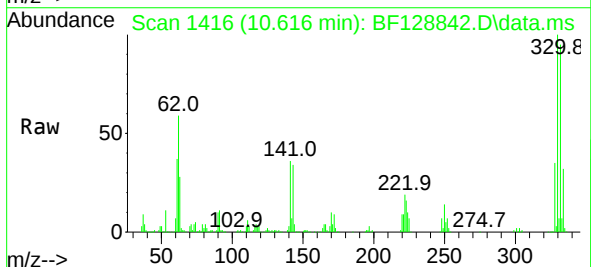
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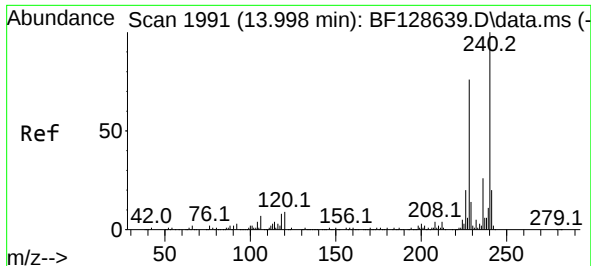
Tgt Ion:188 Resp: 314422
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.5 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.836 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.241 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

Tgt Ion:248 Resp: 16958
Ion Ratio Lower Upper
248 100
250 198.0 80.6 120.8#
141 495.8 58.9 88.3#

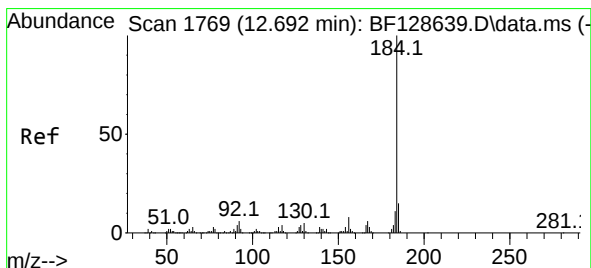
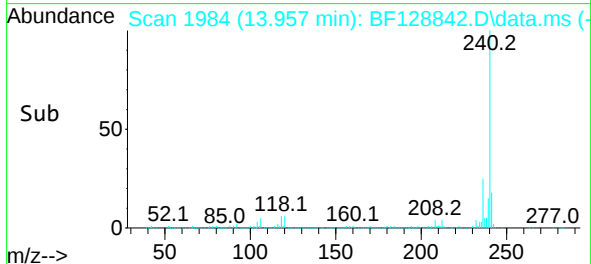
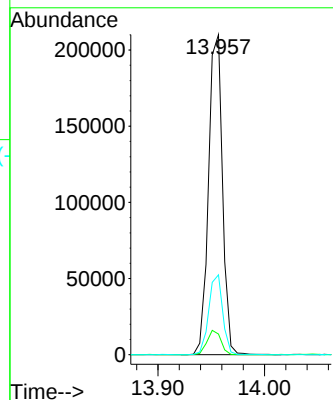
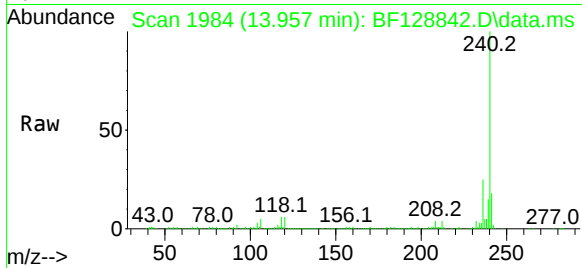




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

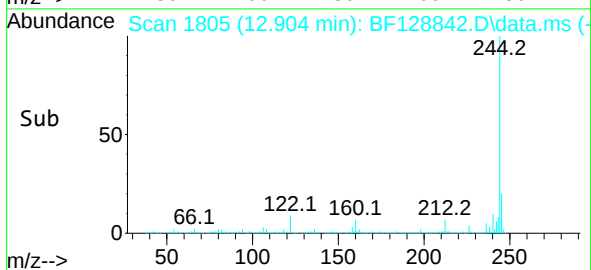
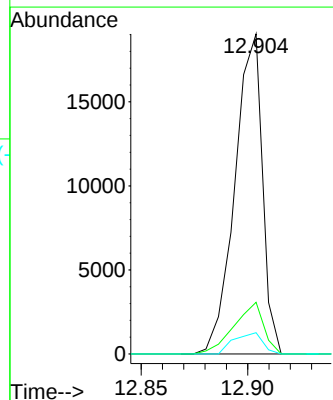
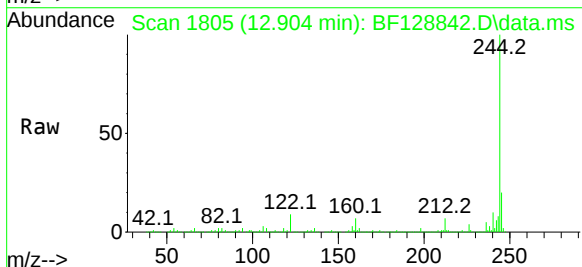
Instrument :
BNA_F
ClientSampleId :
B-107-(10-12)

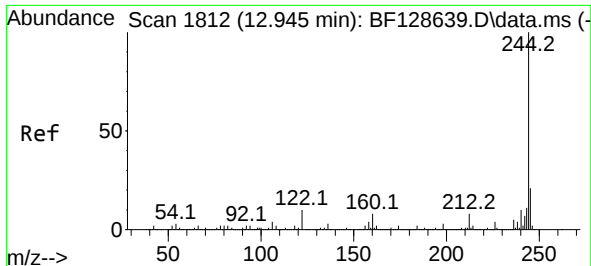
Tgt Ion:240 Resp: 192005
Ion Ratio Lower Upper
240 100
120 6.5 8.9 13.3#
236 25.0 20.8 31.2



#77
Benzidine
Concen: 4.470 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.253 min
Lab File: BF128842.D
Acq: 16 Jun 2022 16:31

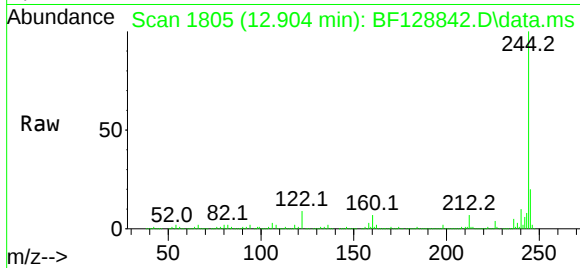
Tgt Ion:184 Resp: 17108
Ion Ratio Lower Upper
184 100
185 16.2 11.9 17.9
183 6.7 9.3 13.9#



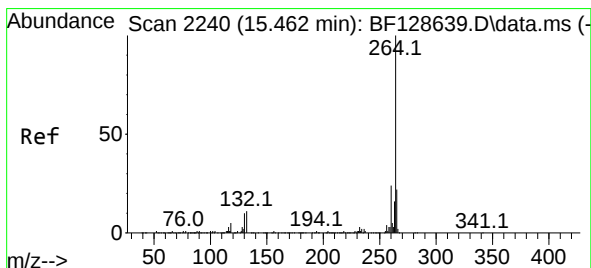
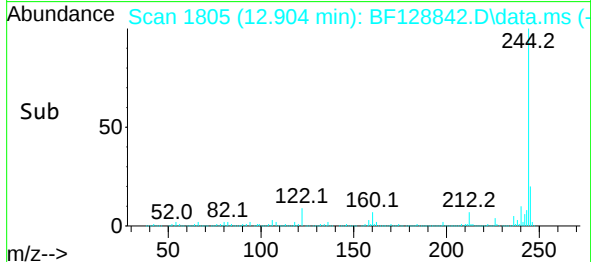
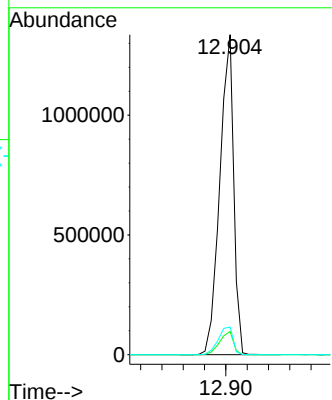


#79
 Terphenyl-d14
 Concen: 108.810 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128842.D
 Acq: 16 Jun 2022 16:31

Instrument :
 BNA_F
 ClientSampleId :
 B-107-(10-12)



Tgt Ion:244 Resp: 1202326
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.6 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: BF128842.D
 Acq: 16 Jun 2022 16:31

Tgt Ion:264 Resp: 152125
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.8 17.2 25.8

