

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128263.D
 Acq On : 16 May 2022 12:40
 Operator : CG\JU
 Sample : N2775-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-35D

Quant Time: May 16 15:31:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

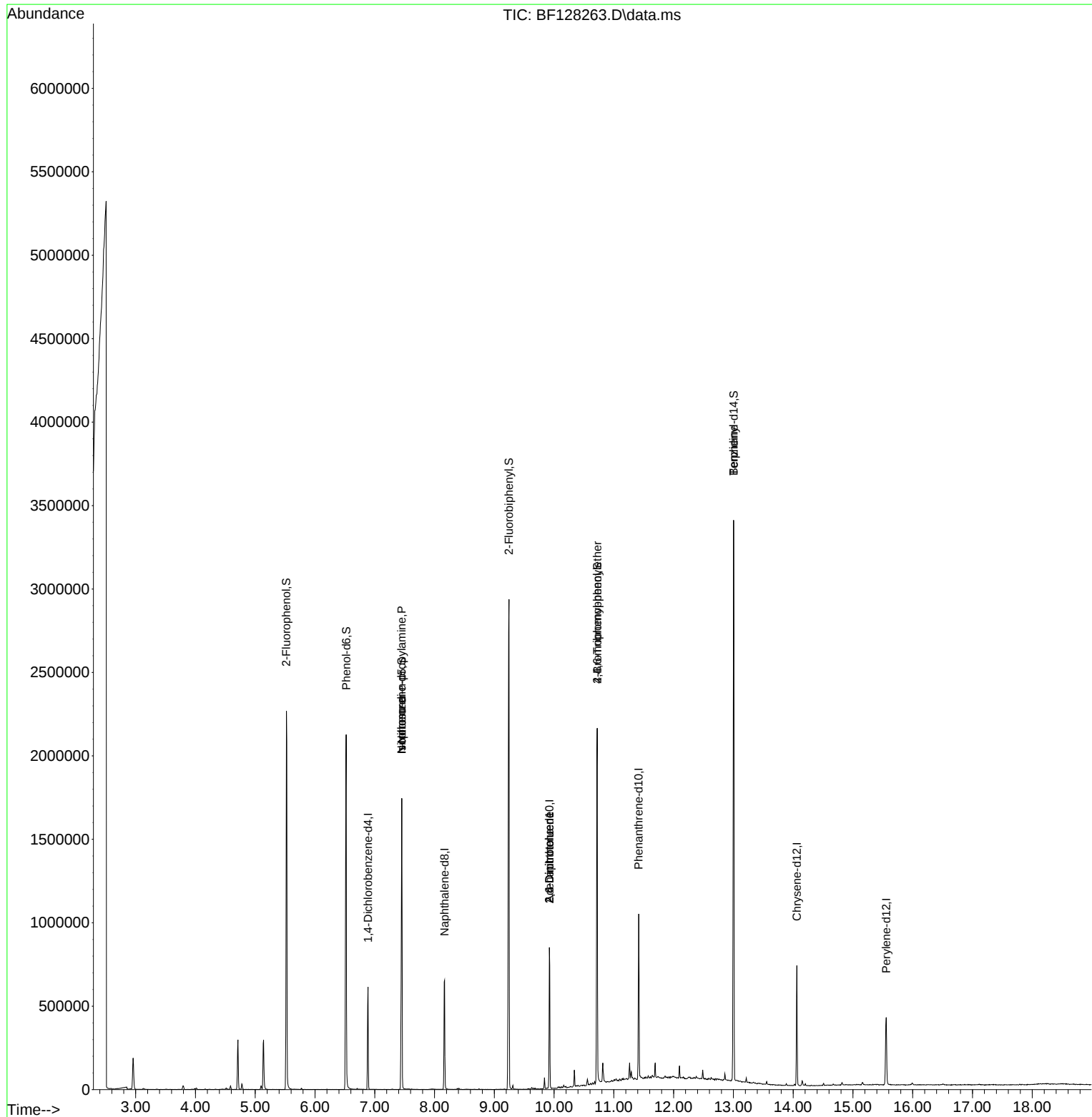
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	79104	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	306193	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	176726	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	332812	20.000	ng	0.00
76) Chrysene-d12	14.063	240	239838	20.000	ng	0.00
86) Perylene-d12	15.557	264	185562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	594350	119.776	ng	0.01
7) Phenol-d6	6.522	99	712830	108.609	ng	0.00
23) Nitrobenzene-d5	7.451	82	599483	88.097	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	264581	130.539	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	971307	85.997	ng	0.00
79) Terphenyl-d14	13.004	244	1239461	96.972	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1312	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.451	70	82665	20.452	ng	# 79
25) Isophorone	7.451	82	598297	56.082	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	22906	9.156	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	22906	6.847	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	16250	4.538	ng	# 1
77) Benizidine	13.004	184	18395	3.541	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128263.D
Acq On : 16 May 2022 12:40
Operator : CG\JU
Sample : N2775-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-35D

Quant Time: May 16 15:31:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration

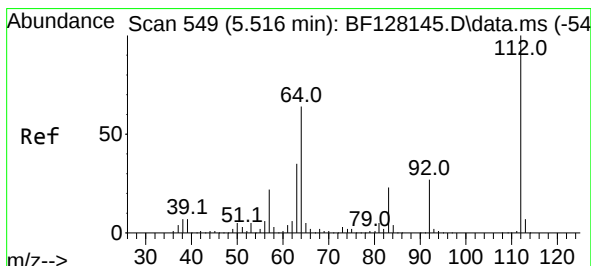
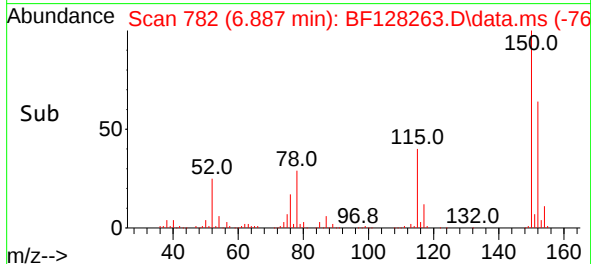
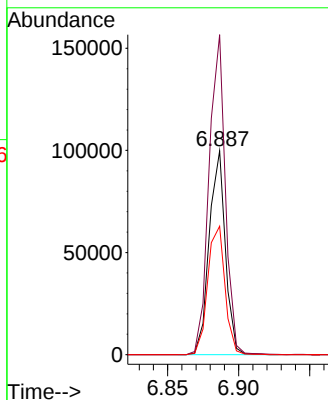
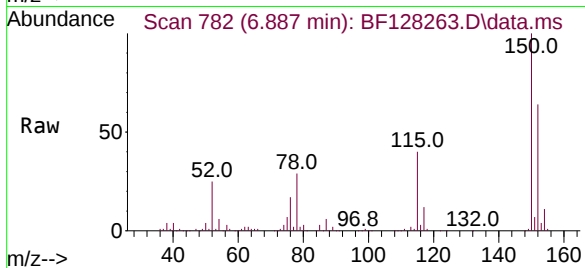




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128263.D
 Acq: 16 May 2022 12:40

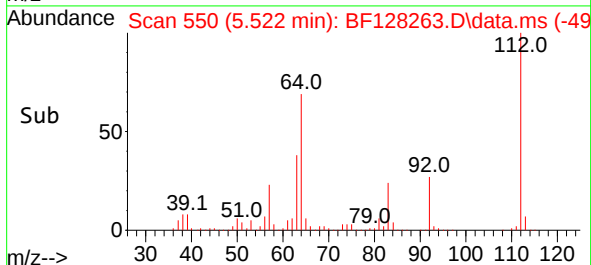
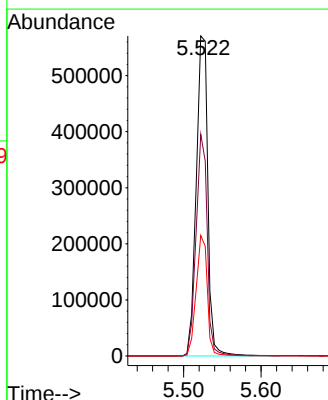
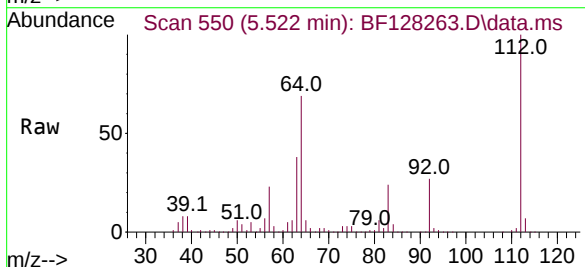
Instrument :
 BNA_F
 ClientSampleId :
 MH-35D

Tgt Ion:152 Resp: 79104
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.3 187.9
 115 63.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 119.776 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.012 min
 Lab File: BF128263.D
 Acq: 16 May 2022 12:40

Tgt Ion:112 Resp: 594350
 Ion Ratio Lower Upper
 112 100
 64 69.3 49.5 74.3
 63 37.6 26.3 39.5

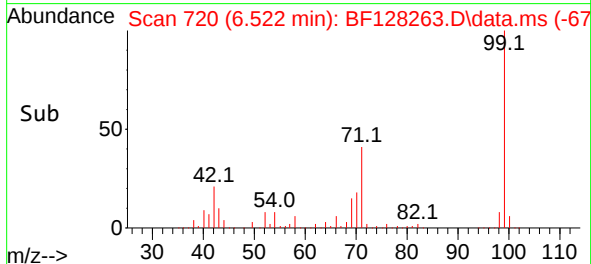
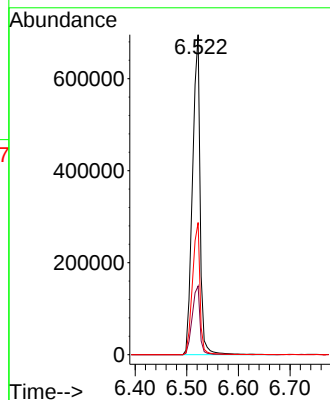
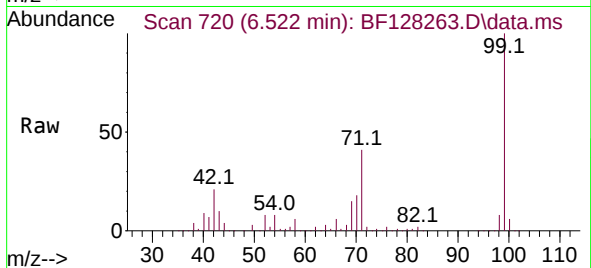




#7
Phenol-d6
Concen: 108.609 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

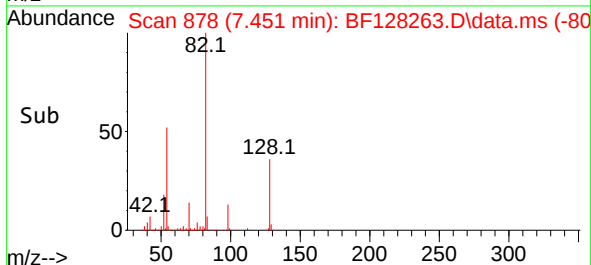
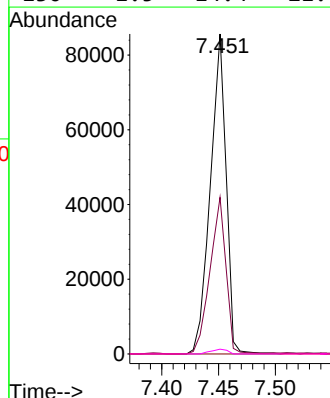
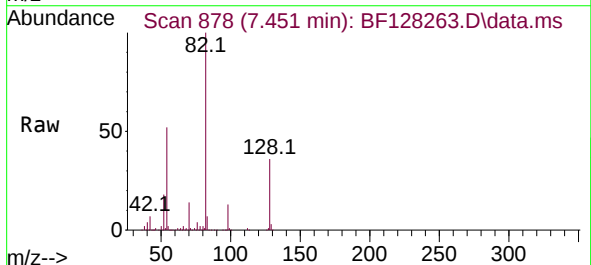
Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion: 99 Resp: 712830
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.452 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion: 70 Resp: 82665
Ion Ratio Lower Upper
70 100
42 49.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

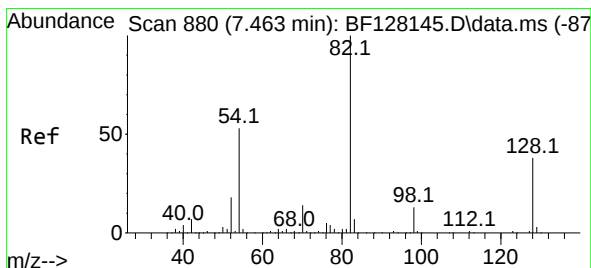
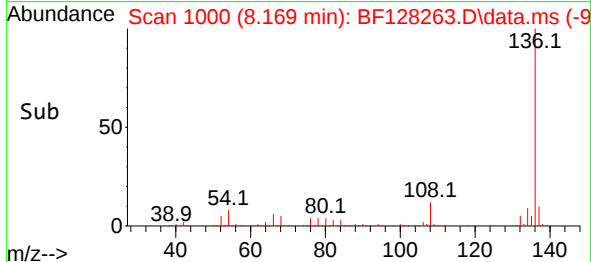
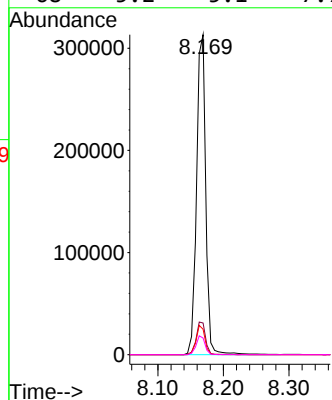
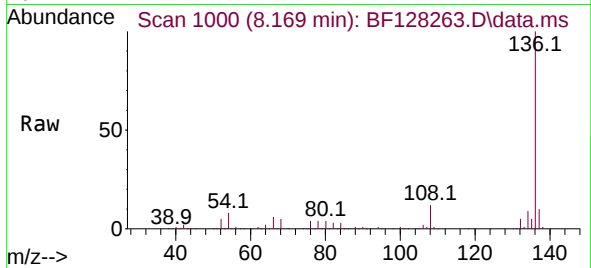




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

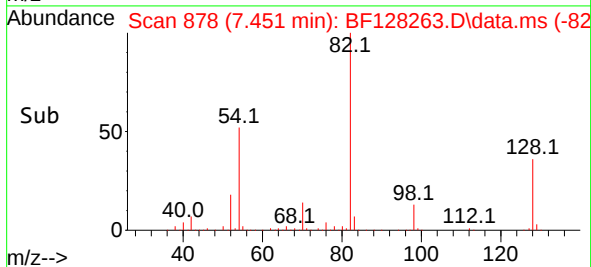
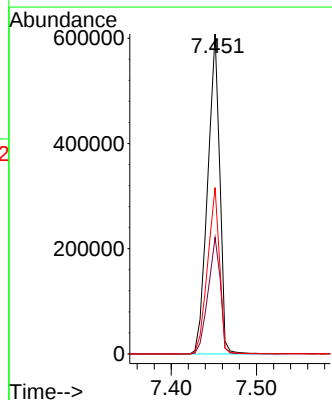
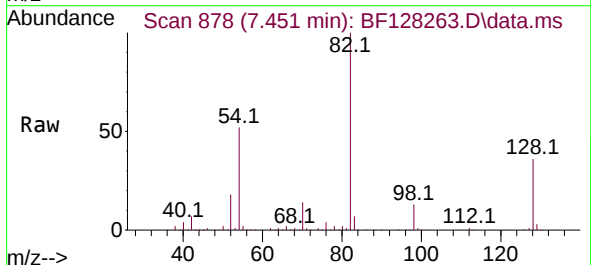
Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion:136 Resp: 306193
Ion Ratio Lower Upper
136 100
137 9.9 8.6 13.0
54 8.0 6.8 10.2
68 5.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 88.097 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion: 82 Resp: 599483
Ion Ratio Lower Upper
82 100
128 36.5 30.0 45.0
54 52.0 41.3 61.9

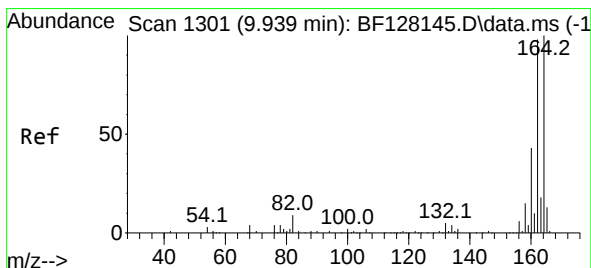
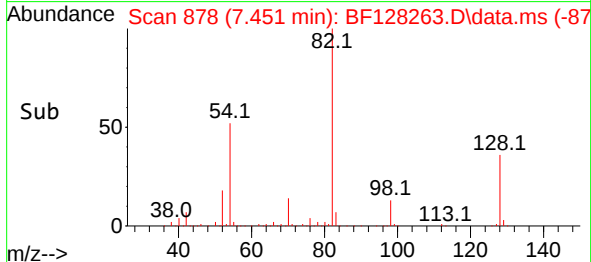
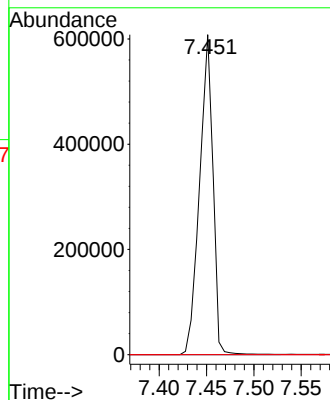
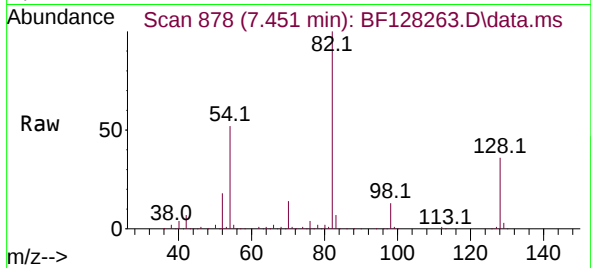




#25
Isophorone
Concen: 56.082 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

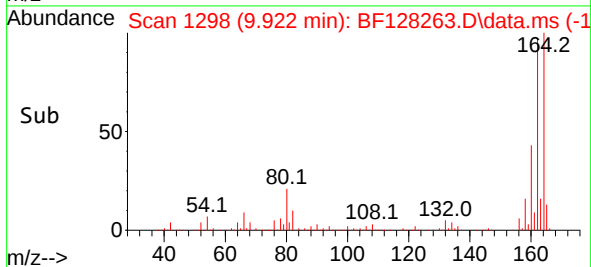
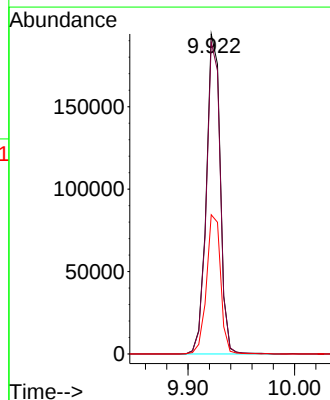
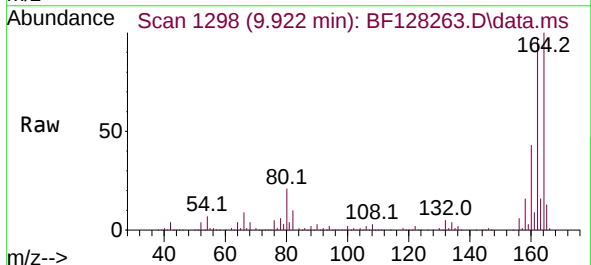
Instrument :
BNA_F
ClientSampleId :
MH-35D

Tgt Ion: 82 Resp: 598297
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: 9.922 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion:164 Resp: 176726
Ion Ratio Lower Upper
164 100
162 97.5 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 130.539 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF128263.D

Acq: 16 May 2022 12:40

Instrument :

BNA_F

ClientSampleId :

MH-35D

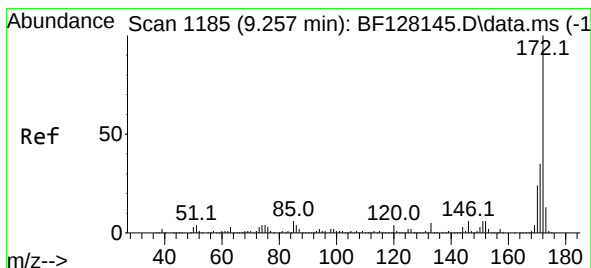
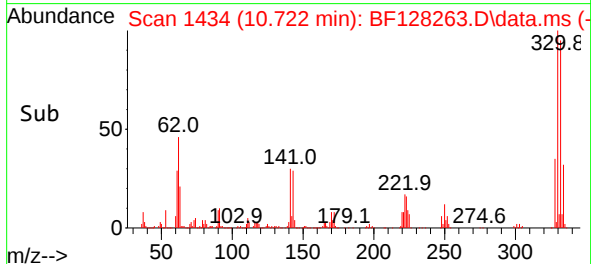
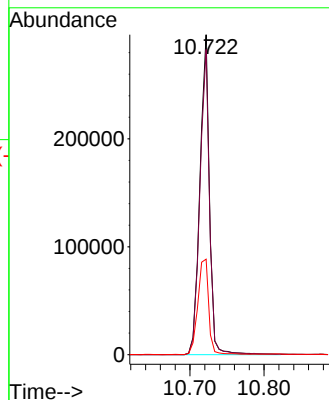
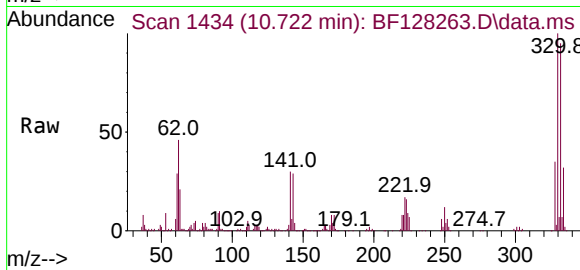
Tgt Ion:330 Resp: 264581

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 85.997 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128263.D

Acq: 16 May 2022 12:40

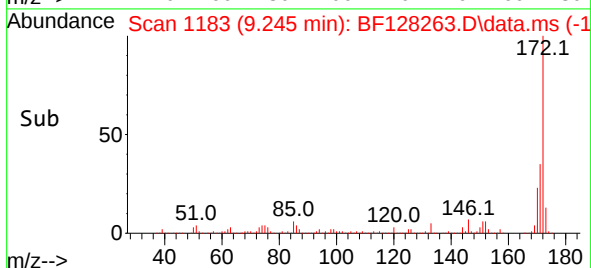
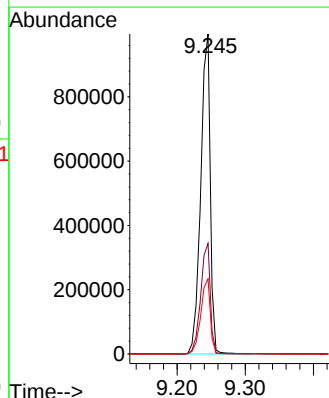
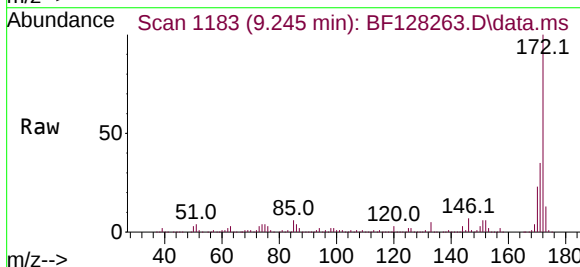
Tgt Ion:172 Resp: 971307

Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.5 19.1 28.7

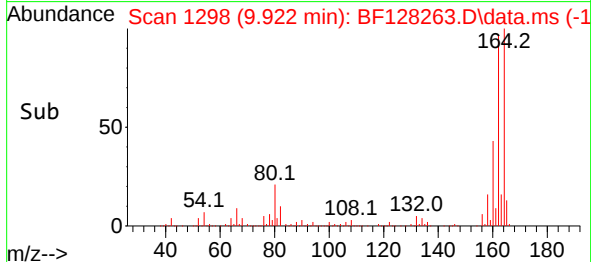
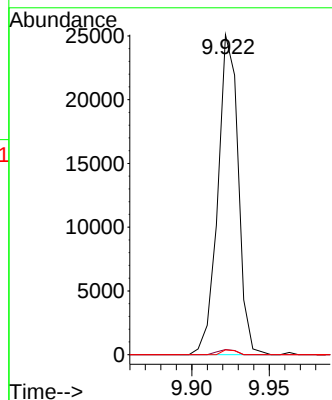
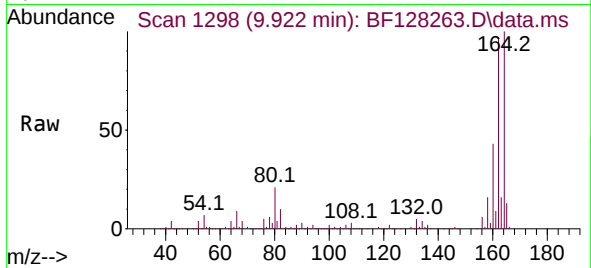




#51
2,6-Dinitrotoluene
Concen: 9.156 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.200 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

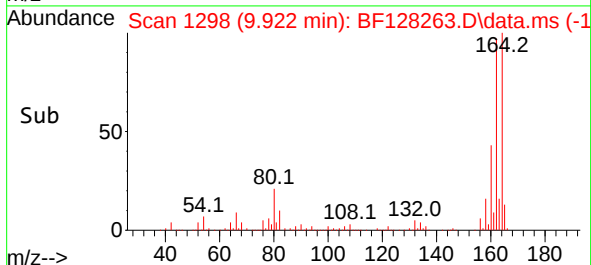
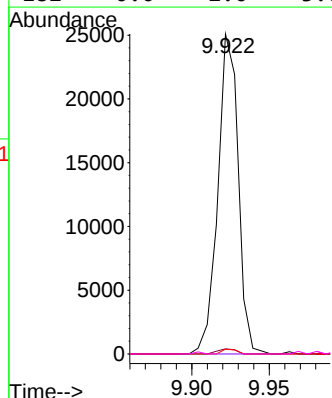
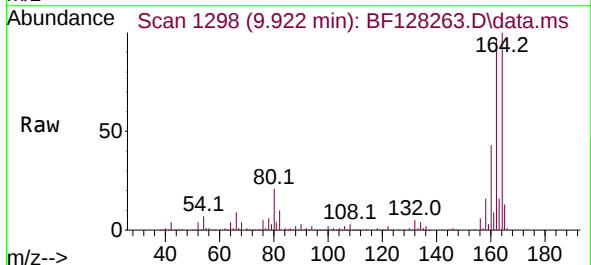
Instrument :
BNA_F
ClientSampleId :
MH-35D

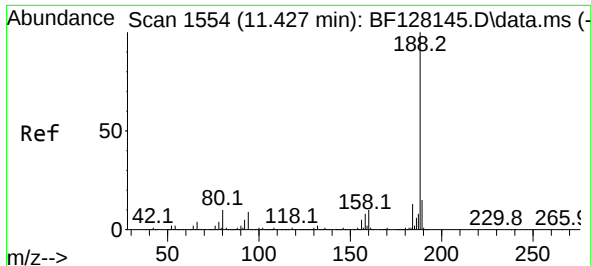
Tgt Ion:165 Resp: 22906
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.847 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.206 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion:165 Resp: 22906
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

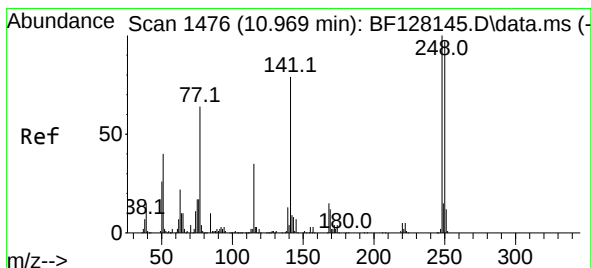
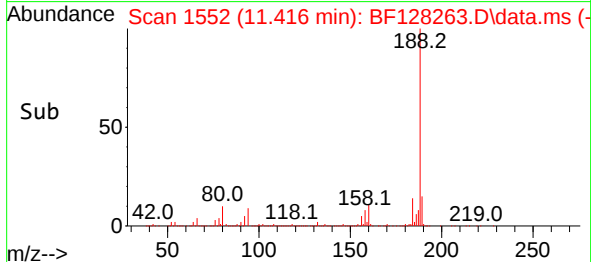
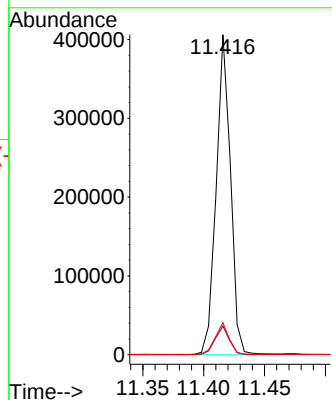
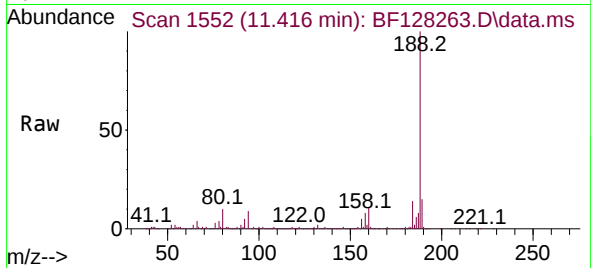




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

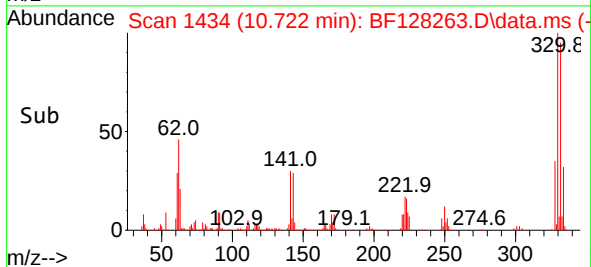
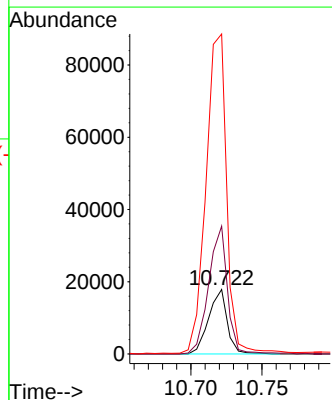
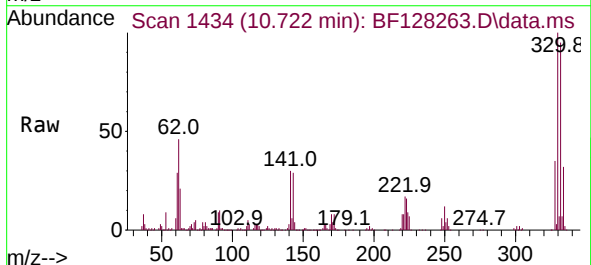
Instrument :
BNA_F
ClientSampleId :
MH-35D

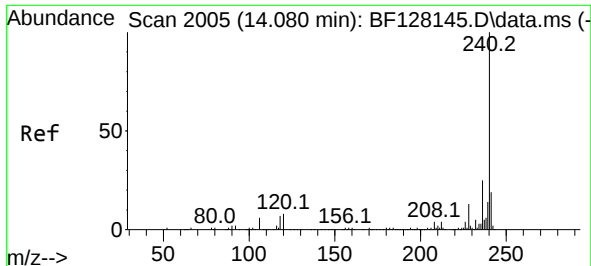
Tgt Ion:188 Resp: 332812
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.538 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.241 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion:248 Resp: 16250
Ion Ratio Lower Upper
248 100
250 198.3 77.7 116.5#
141 496.4 65.6 98.4#

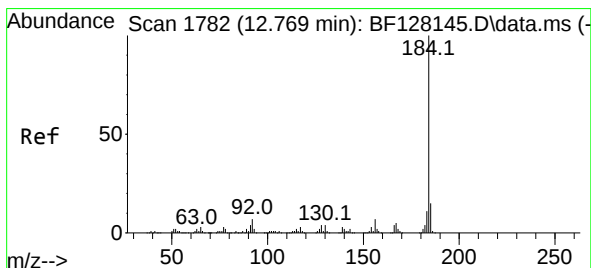
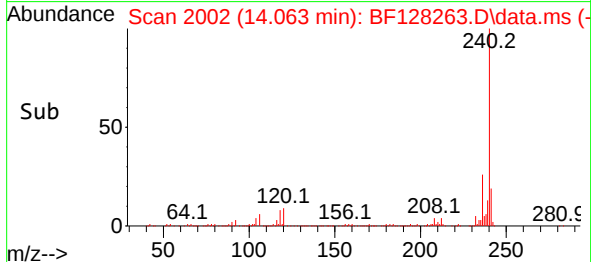
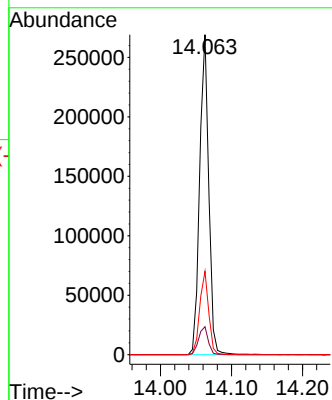
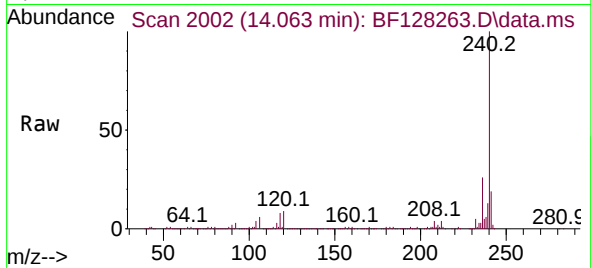




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

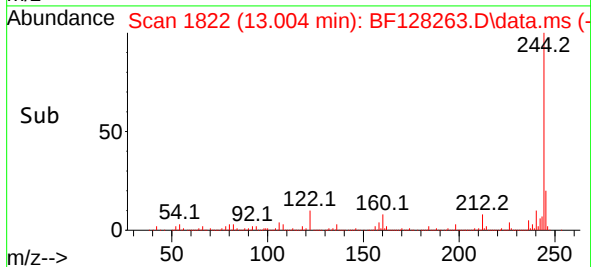
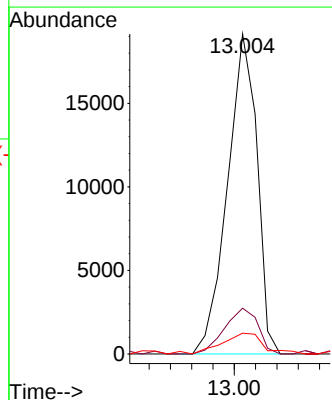
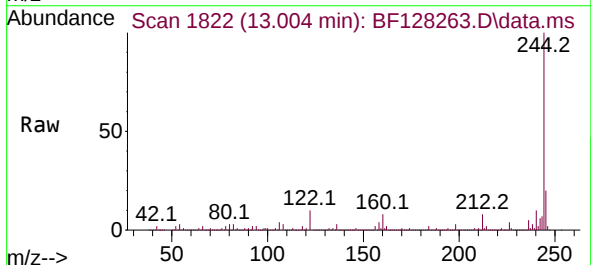
Instrument :
BNA_F
ClientSampleId :
MH-35D

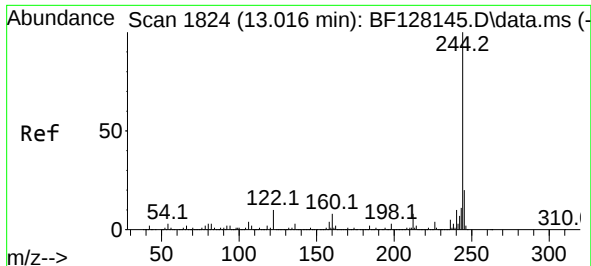
Tgt Ion:240 Resp: 239838
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.1 20.3 30.5



#77
Benzidine
Concen: 3.541 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF128263.D
Acq: 16 May 2022 12:40

Tgt Ion:184 Resp: 18395
Ion Ratio Lower Upper
184 100
185 14.3 12.1 18.1
183 6.5 9.0 13.4#

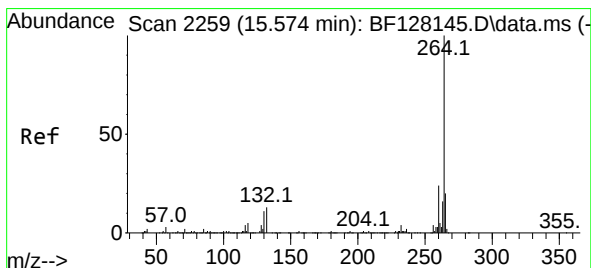
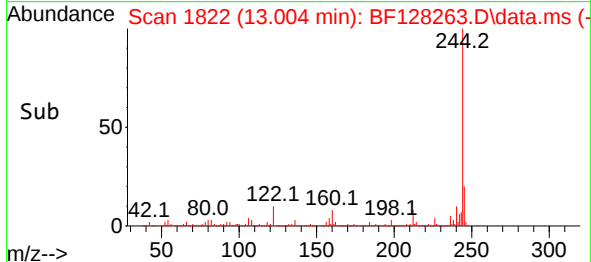
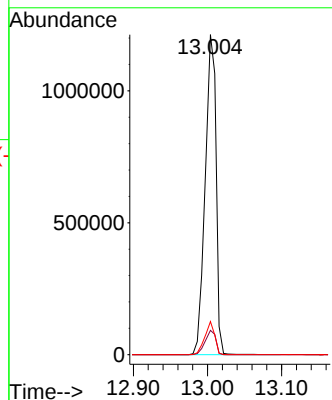
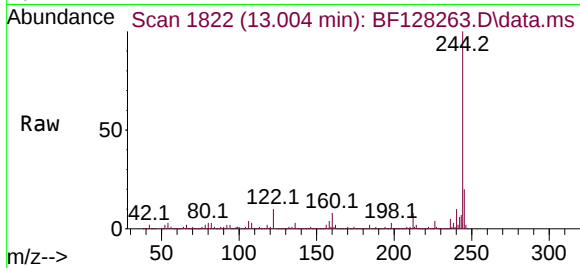




#79
 Terphenyl-d14
 Concen: 96.972 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128263.D
 Acq: 16 May 2022 12:40

Instrument :
 BNA_F
 ClientSampleId :
 MH-35D

Tgt Ion:244 Resp: 1239461
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128263.D
 Acq: 16 May 2022 12:40

Tgt Ion:264 Resp: 185562
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.1 30.1
 265 22.1 17.5 26.3

