

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128699.D
 Acq On : 06 Jun 2022 16:29
 Operator : CG\JU
 Sample : N3205-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-060322

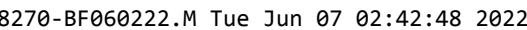
Quant Time: Jun 07 02:42:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

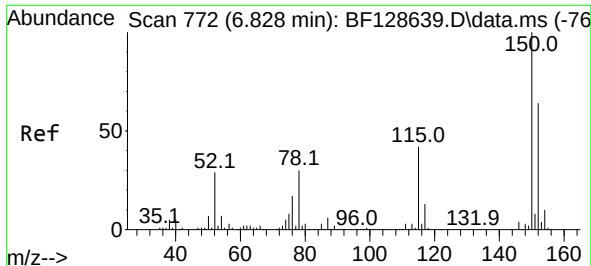
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	86717	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	329674	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	183586	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	300393	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	177958	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	182976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	529049	97.177	ng	0.00
7) Phenol-d6	6.492	99	665316	100.114	ng	0.00
23) Nitrobenzene-d5	7.386	82	485355	68.545	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	186933	86.178	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	871257	66.479	ng	0.00
79) Terphenyl-d14	12.939	244	645917	63.069	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	69792	16.891	ng	# 82
25) Isophorone	7.386	82	484082	45.013	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	23757	9.579	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	23757	7.178	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	12561	3.750	ng	# 1
77) Benzidine	12.939	184	10532	2.969	ng	# 91

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

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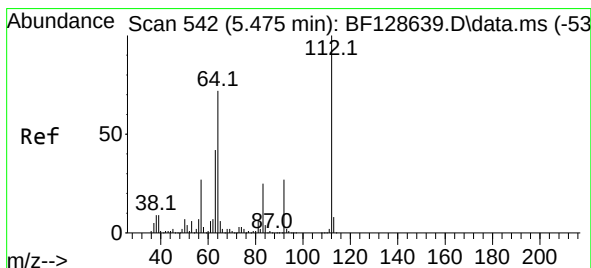
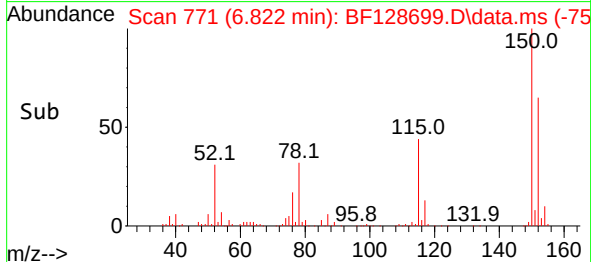
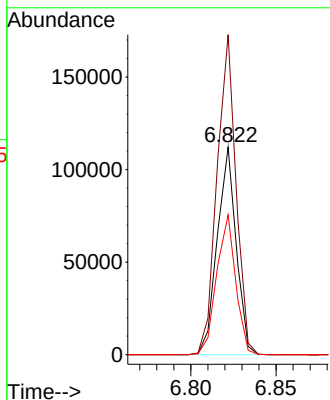
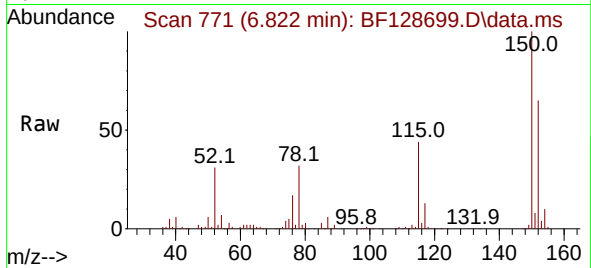




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

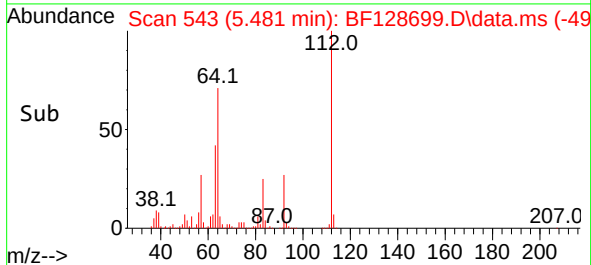
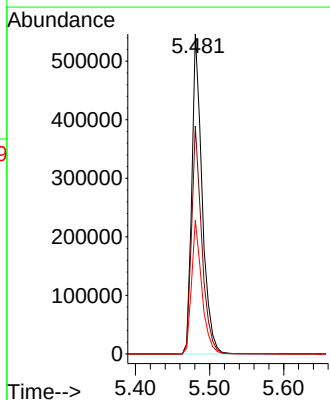
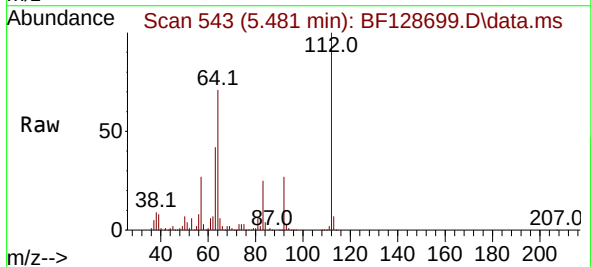
Instrument :
BNA_F
ClientSampleId :
HR-02-060322

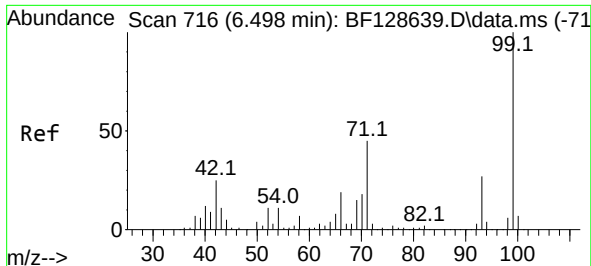
Tgt Ion:152 Resp: 86717
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 67.4 49.9 74.9



#5
2-Fluorophenol
Concen: 97.177 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

Tgt Ion:112 Resp: 529049
Ion Ratio Lower Upper
112 100
64 71.2 53.3 79.9
63 41.8 28.0 42.0

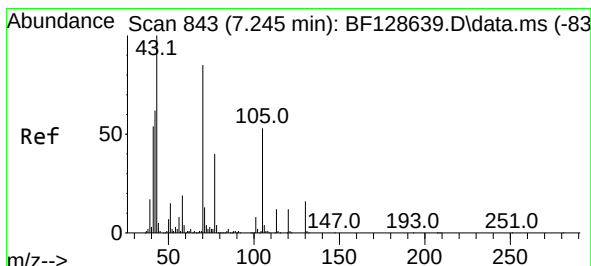
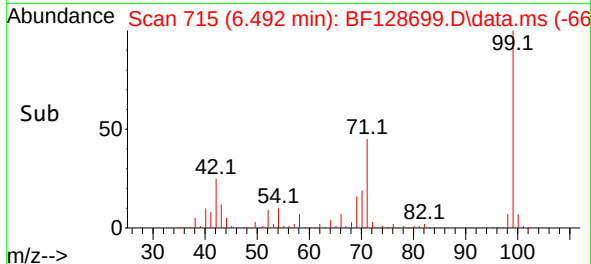
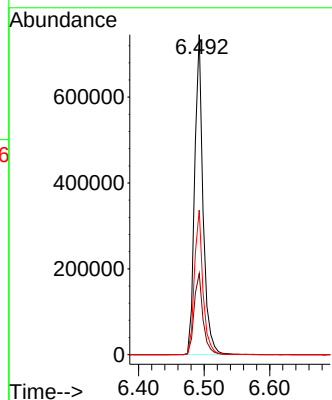
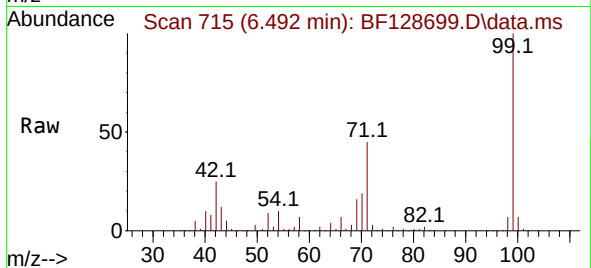




#7
Phenol-d6
Concen: 100.114 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

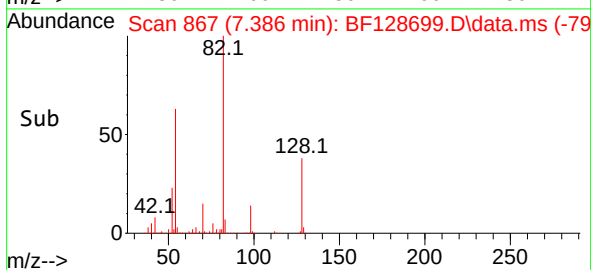
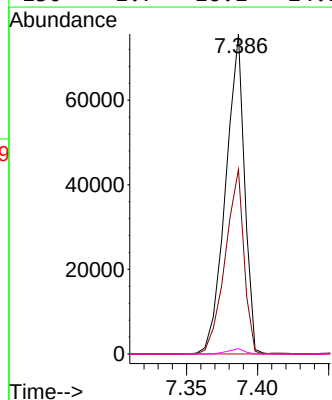
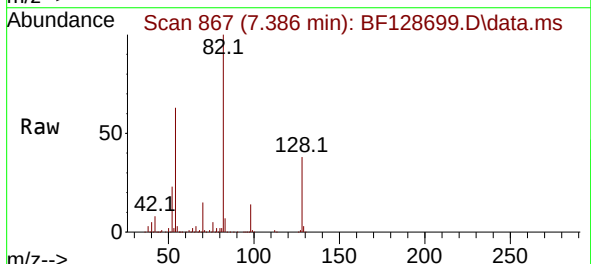
Instrument :
BNA_F
ClientSampleId :
HR-02-060322

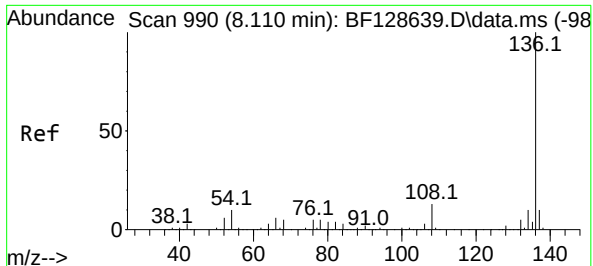
Tgt Ion: 99 Resp: 665316
Ion Ratio Lower Upper
99 100
42 25.4 17.3 25.9
71 45.2 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.891 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 70 Resp: 69792
Ion Ratio Lower Upper
70 100
42 57.6 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



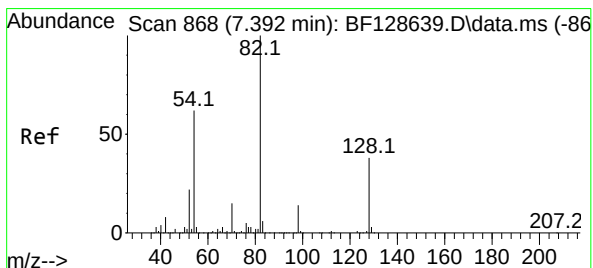
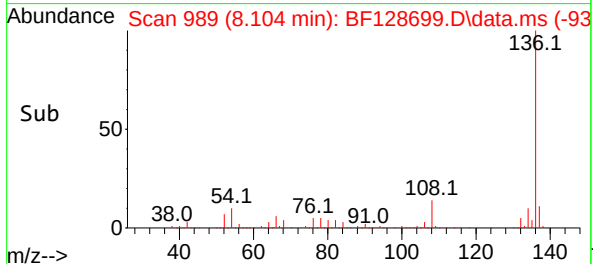
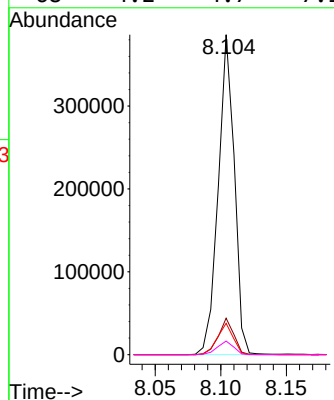
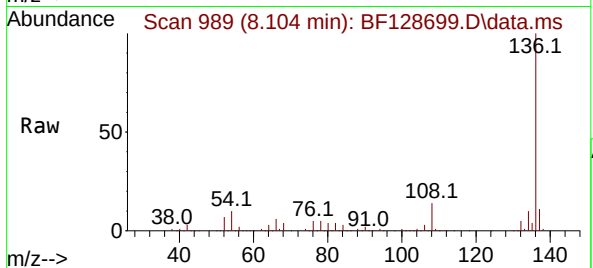


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

Instrument :
BNA_F
ClientSampleId :
HR-02-060322

Tgt Ion:136 Resp: 329674

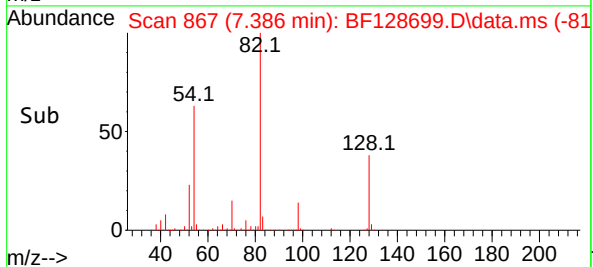
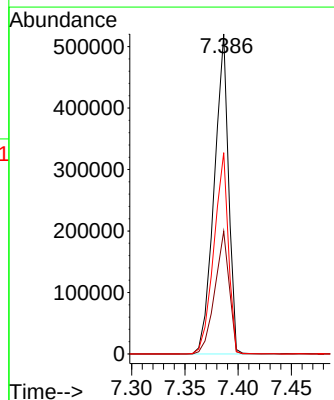
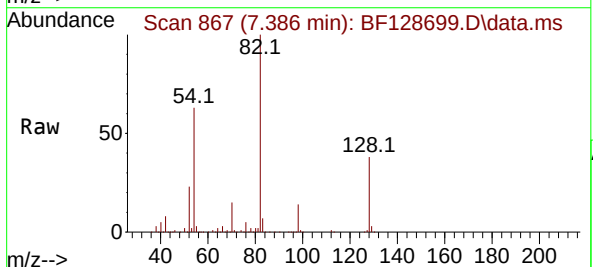
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.8	7.5	11.3
68	4.2	4.7	7.1

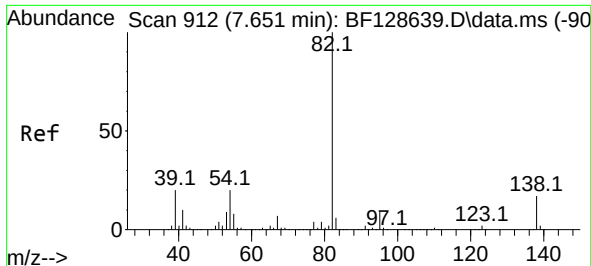


#23
Nitrobenzene-d5
Concen: 68.545 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 82 Resp: 485355

Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.0	51.0
54	62.9	46.9	70.3

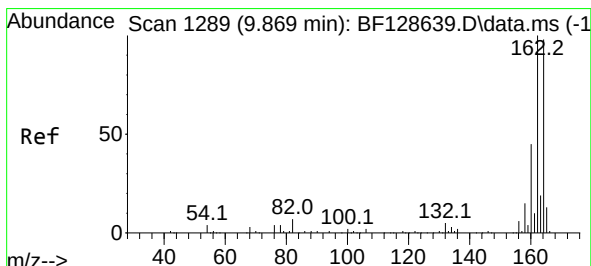
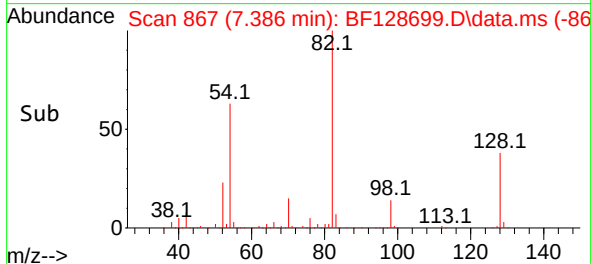
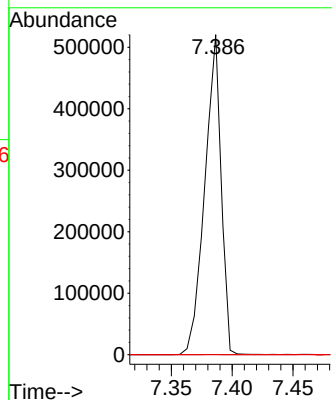
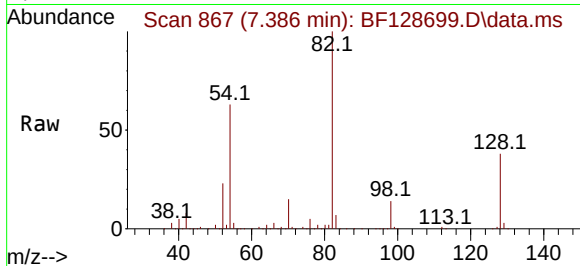




#25
Isophorone
Concen: 45.013 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

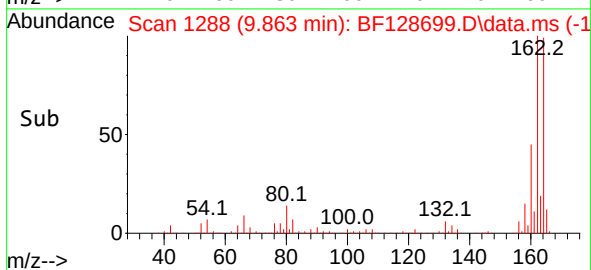
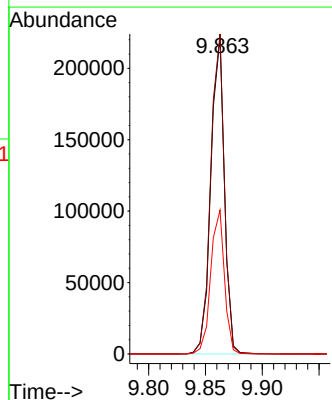
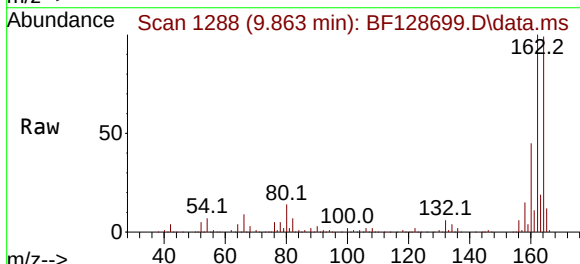
Instrument :
BNA_F
ClientSampleId :
HR-02-060322

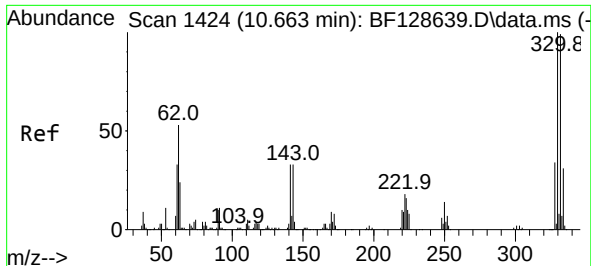
Tgt Ion: 82 Resp: 484082
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

Tgt Ion:164 Resp: 183586
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 86.178 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128699.D

Acq: 06 Jun 2022 16:29

Instrument :

BNA_F

ClientSampleId :

HR-02-060322

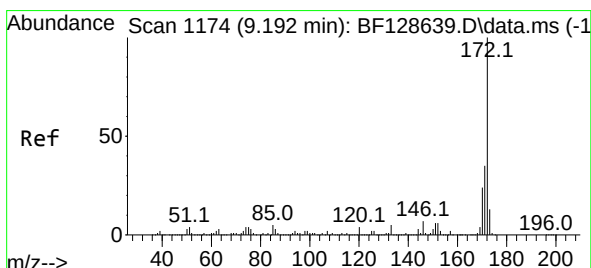
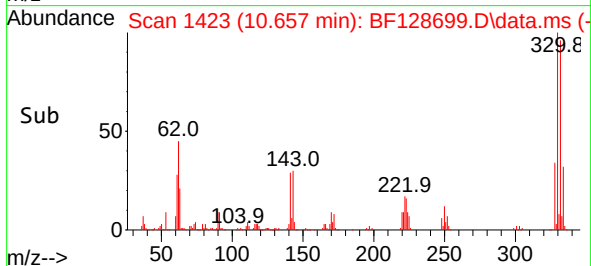
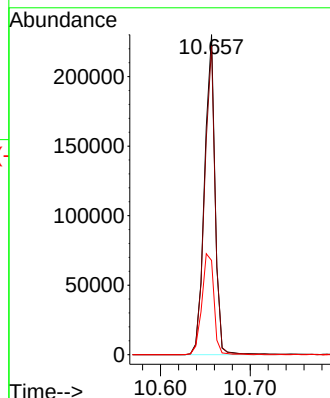
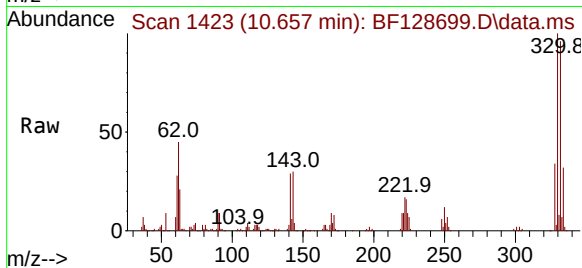
Tgt Ion:330 Resp: 186933

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.479 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128699.D

Acq: 06 Jun 2022 16:29

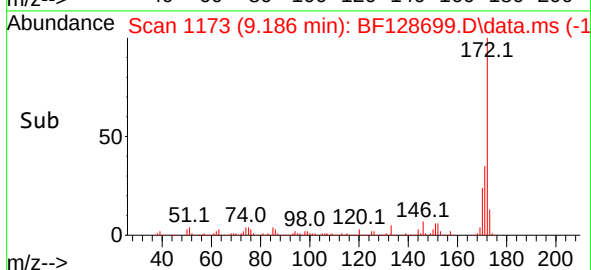
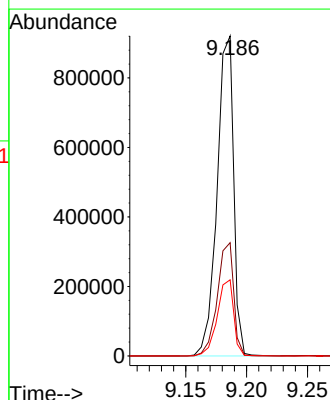
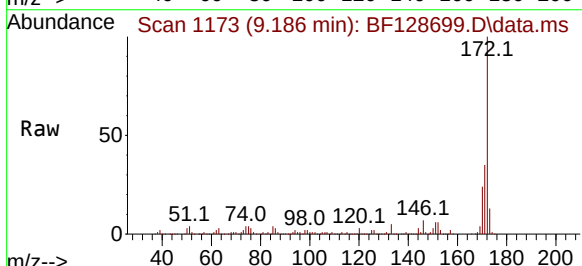
Tgt Ion:172 Resp: 871257

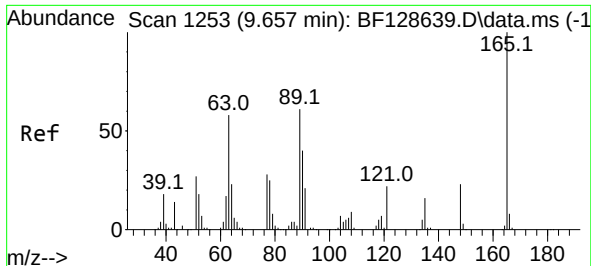
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.579 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128699.D

Acq: 06 Jun 2022 16:29

Instrument :

BNA_F

ClientSampleId :

HR-02-060322

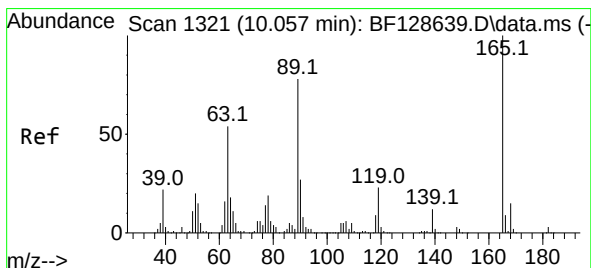
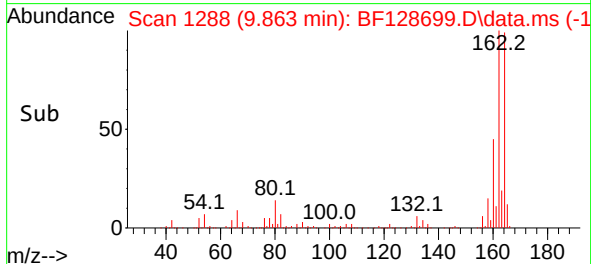
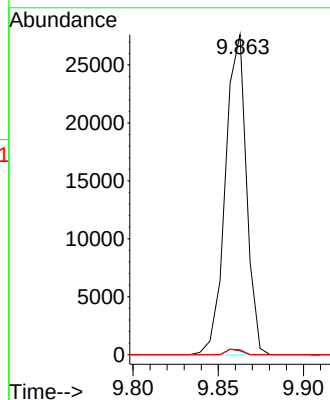
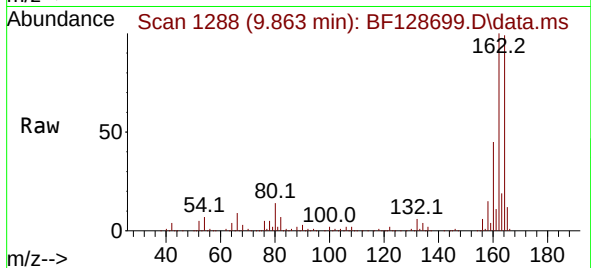
Tgt Ion:165 Resp: 23757

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.178 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128699.D

Acq: 06 Jun 2022 16:29

Tgt Ion:165 Resp: 23757

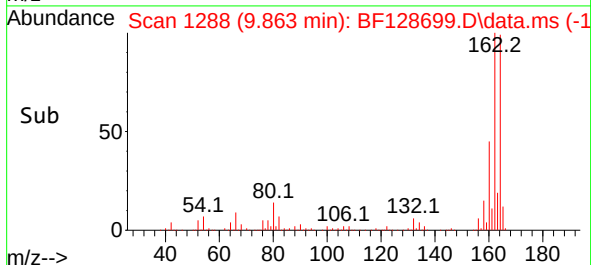
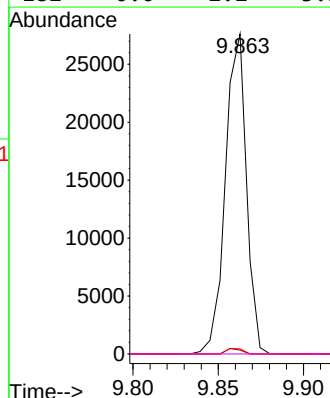
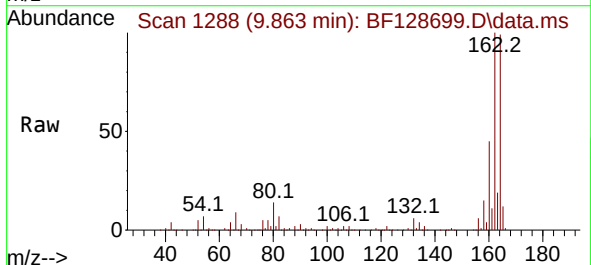
Ion Ratio Lower Upper

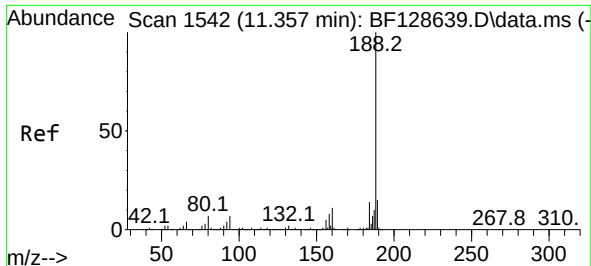
165 100

63 1.2 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#

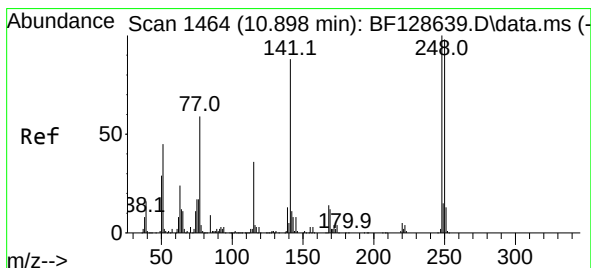
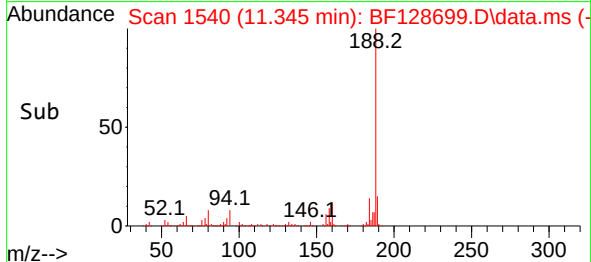
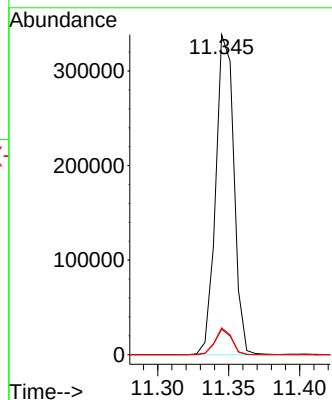
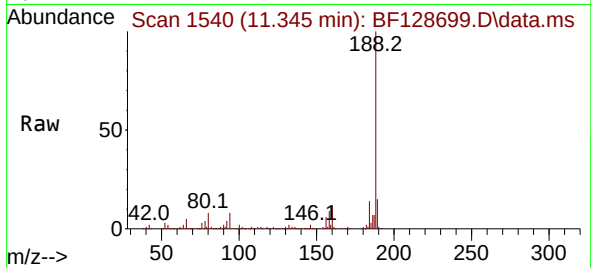




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

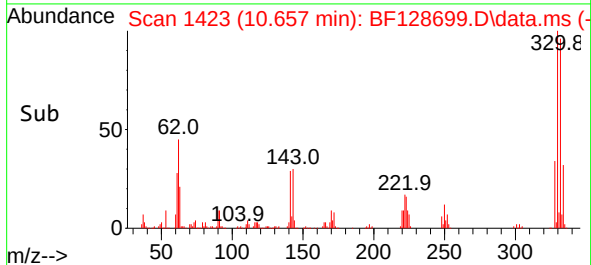
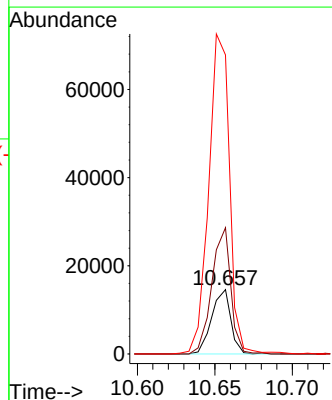
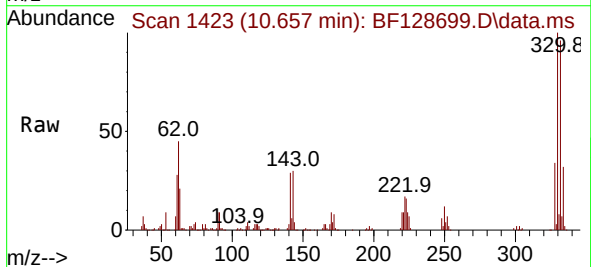
Instrument :
BNA_F
ClientSampleId :
HR-02-060322

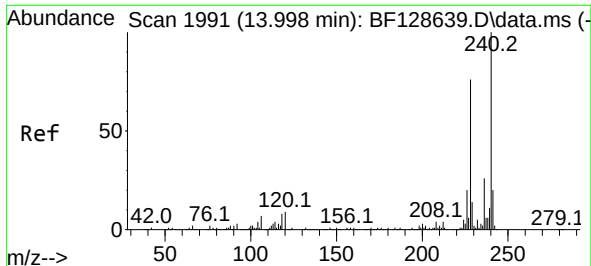
Tgt Ion:188 Resp: 300393
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.750 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

Tgt Ion:248 Resp: 12561
Ion Ratio Lower Upper
248 100
250 196.2 80.6 120.8#
141 464.8 58.9 88.3#

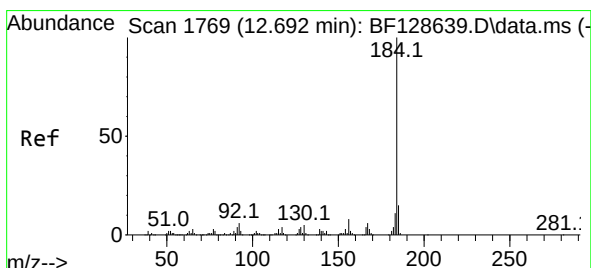
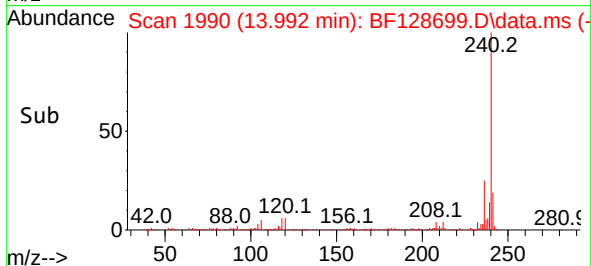
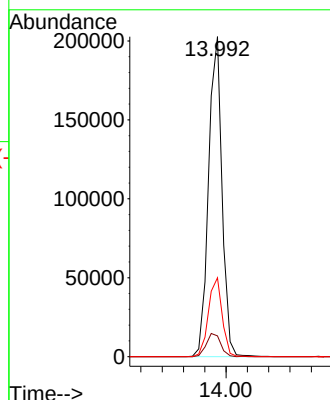
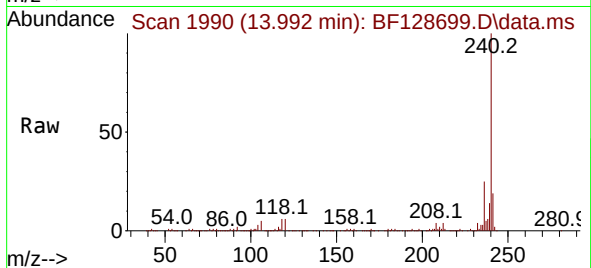




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

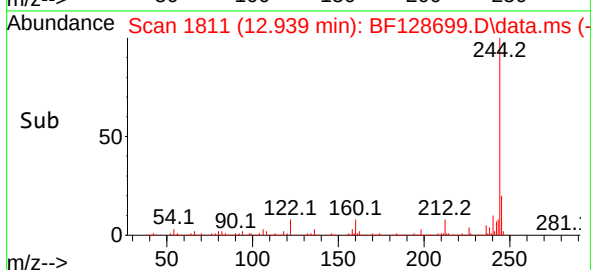
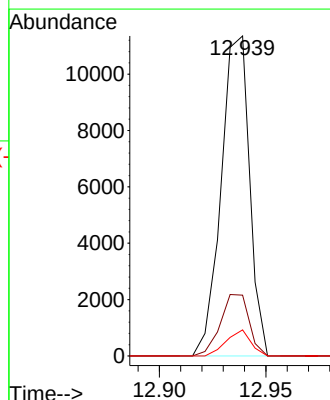
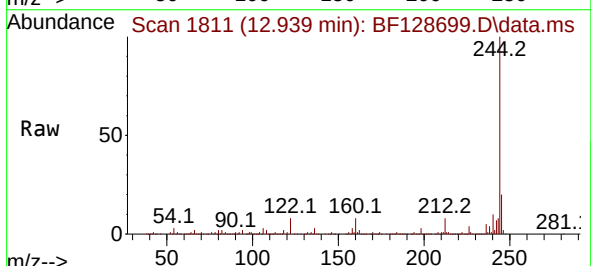
Instrument :
BNA_F
ClientSampleId :
HR-02-060322

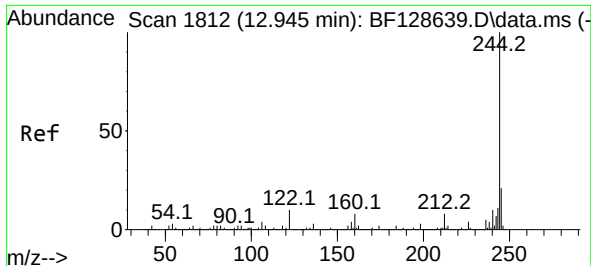
Tgt Ion:240 Resp: 177958
Ion Ratio Lower Upper
240 100
120 6.5 8.9 13.3#
236 24.6 20.8 31.2



#77
Benzidine
Concen: 2.969 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128699.D
Acq: 06 Jun 2022 16:29

Tgt Ion:184 Resp: 10532
Ion Ratio Lower Upper
184 100
185 19.0 11.9 17.9#
183 8.2 9.3 13.9#

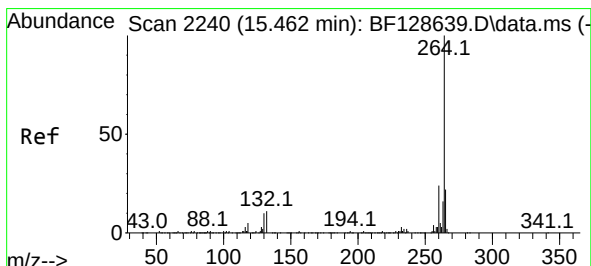
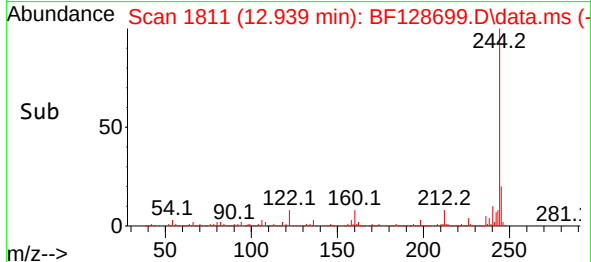
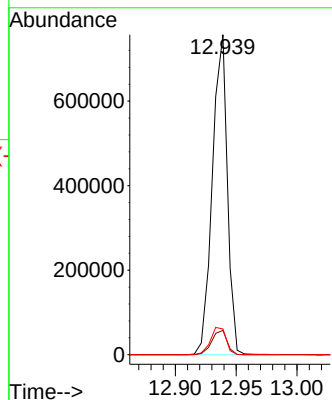
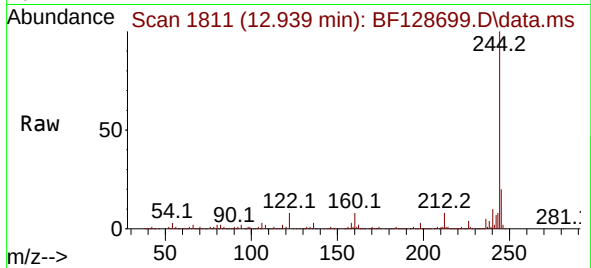




#79
 Terphenyl-d14
 Concen: 63.069 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128699.D
 Acq: 06 Jun 2022 16:29

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-060322

Tgt Ion:244 Resp: 645917
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 8.1 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128699.D
 Acq: 06 Jun 2022 16:29

Tgt Ion:264 Resp: 182976
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 21.6 17.2 25.8

