

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128702.D
 Acq On : 06 Jun 2022 17:59
 Operator : CG\JU
 Sample : N3189-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220428-AMENDED-COMPOSITE-H

Quant Time: Jun 07 02:43:09 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)

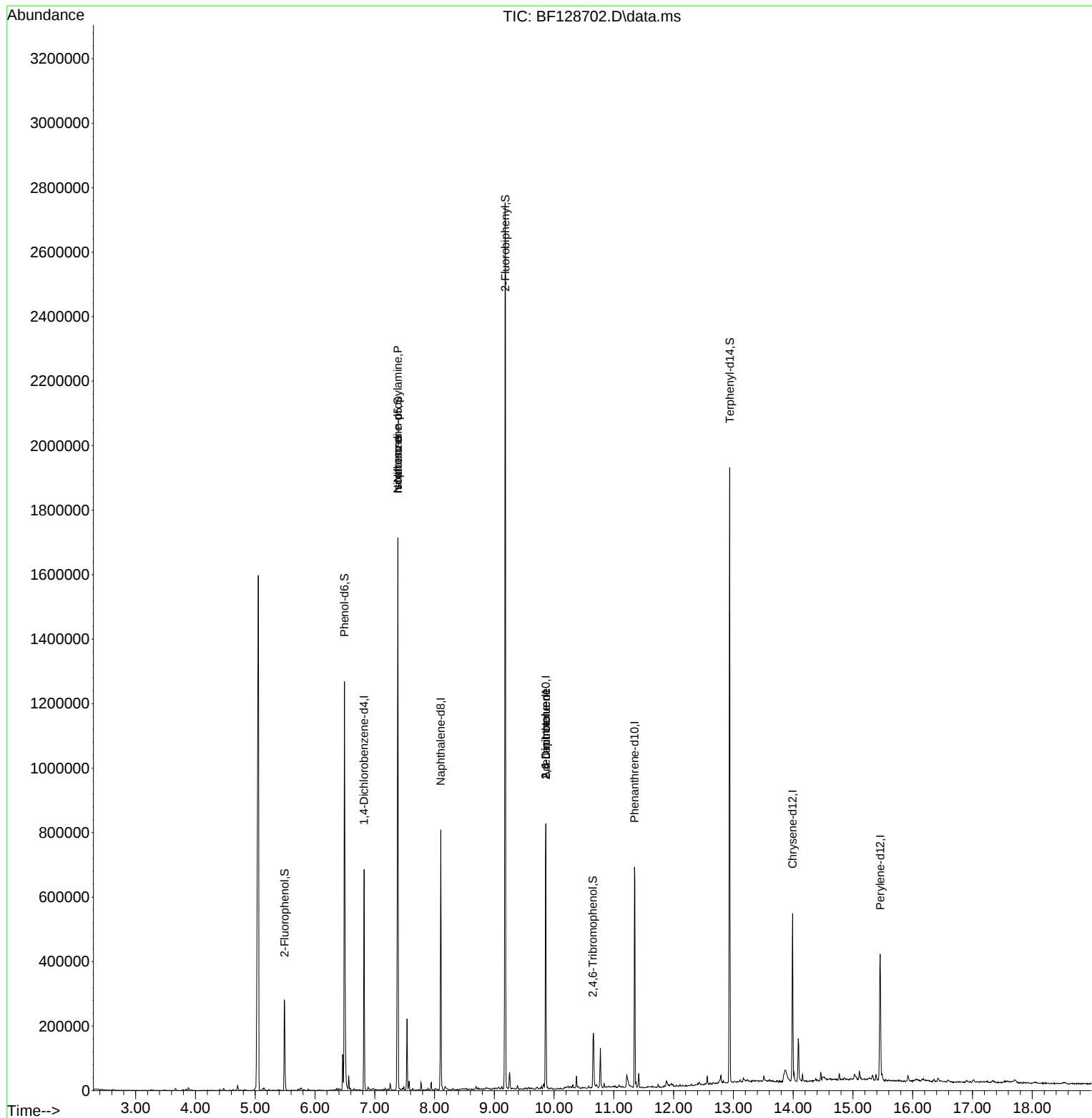
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	80353	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	293763	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	164136	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	250012	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	164134	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	184031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	69052	13.688	ng	0.02
7) Phenol-d6	6.492	99	379168	61.574	ng	0.00
23) Nitrobenzene-d5	7.386	82	486630	77.126	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	12502	6.446	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	841506	71.817	ng	0.00
79) Terphenyl-d14	12.939	244	586256	62.065	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	70236	18.345	ng	# 81
25) Isophorone	7.386	82	485292	50.642	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	21010	9.475	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	21010	7.100	ng	# 22

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

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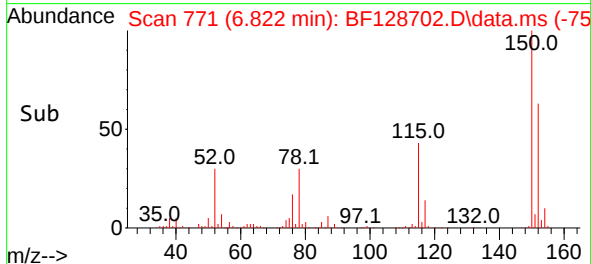
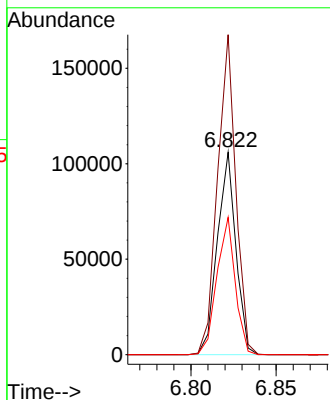
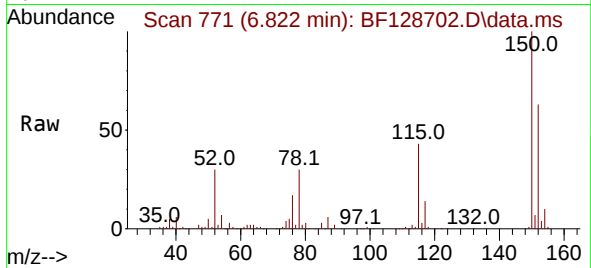




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128702.D
Acq: 06 Jun 2022 17:59

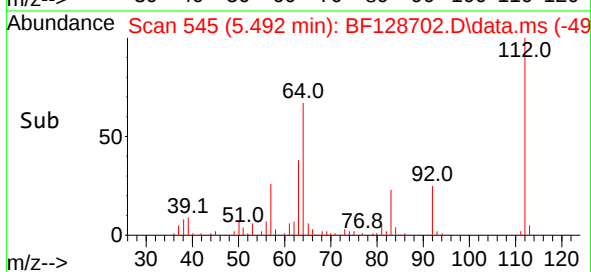
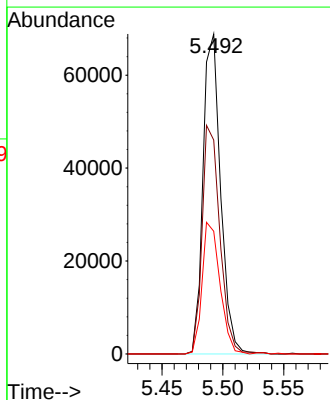
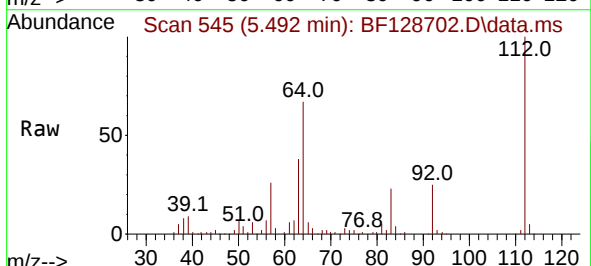
Instrument :
BNA_F
ClientSampleId :
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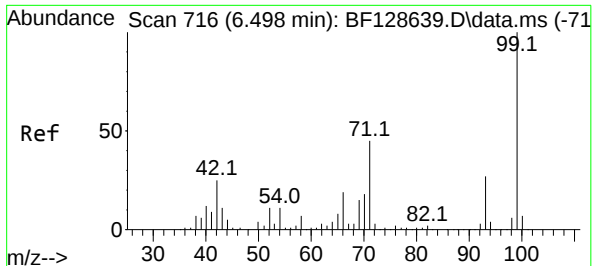
Tgt Ion:152 Resp: 80353
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 67.8 49.9 74.9



#5
2-Fluorophenol
Concen: 13.688 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.017 min
Lab File: BF128702.D
Acq: 06 Jun 2022 17:59

Tgt Ion:112 Resp: 69052
Ion Ratio Lower Upper
112 100
64 66.8 53.3 79.9
63 38.3 28.0 42.0

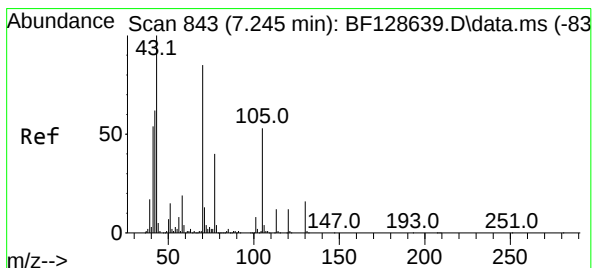
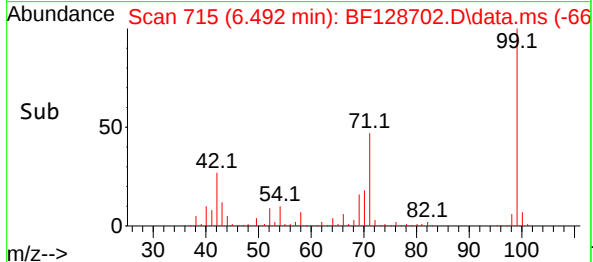
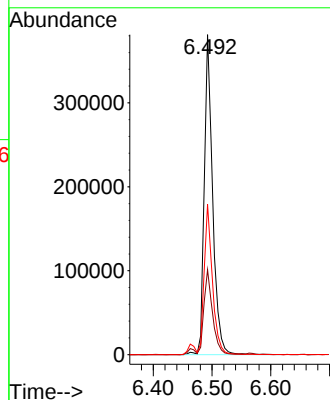
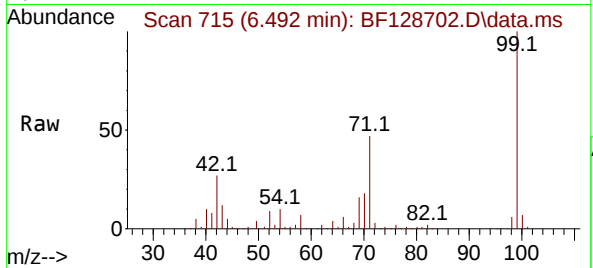




#7
Phenol-d6
Concen: 61.574 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128702.D
Acq: 06 Jun 2022 17:59

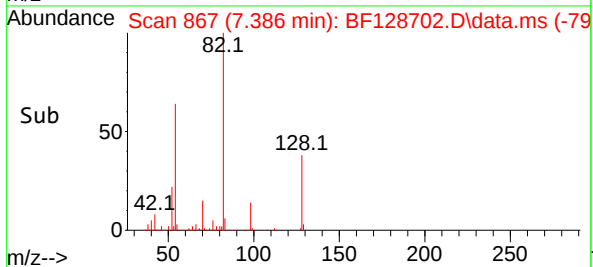
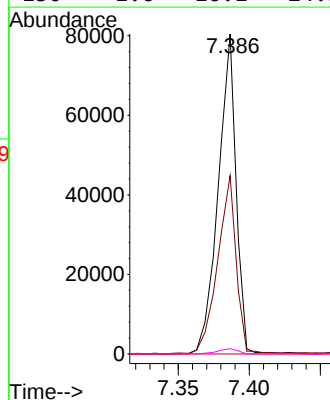
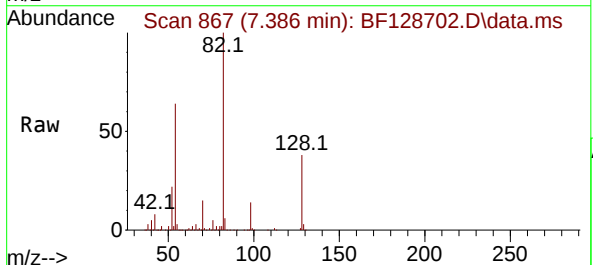
Instrument :
BNA_F
ClientSampleId :
20220428-AMENDED-COMPOSITE-H

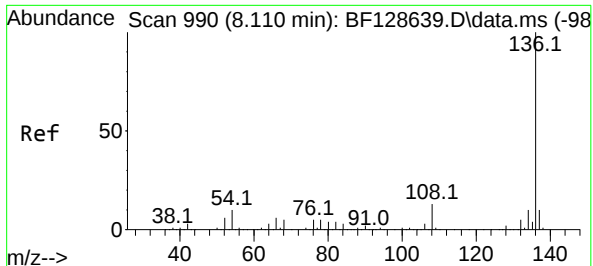
Tgt Ion: 99 Resp: 379168
Ion Ratio Lower Upper
99 100
42 26.6 17.3 25.9#
71 47.0 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.345 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128702.D
Acq: 06 Jun 2022 17:59

Tgt Ion: 70 Resp: 70236
Ion Ratio Lower Upper
70 100
42 55.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

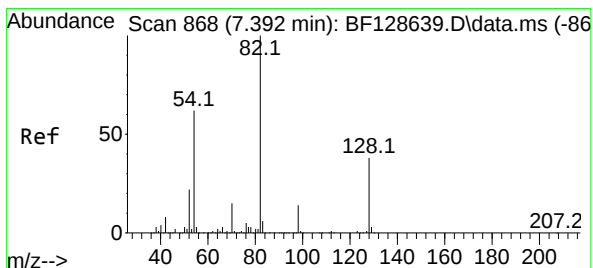
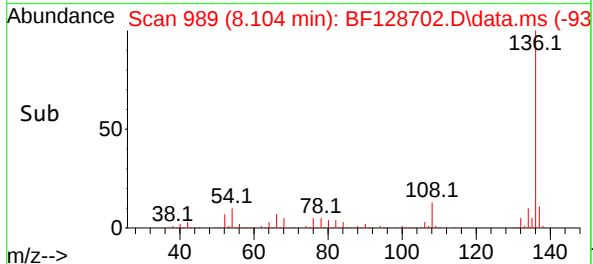
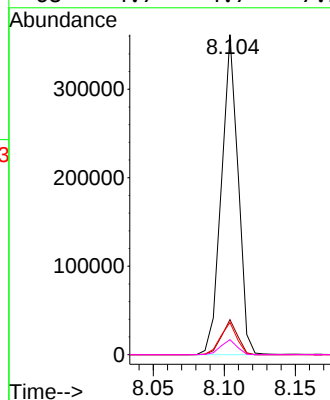
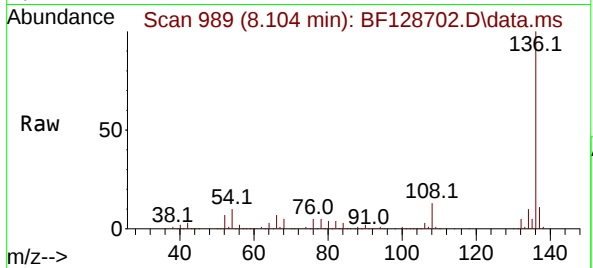




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128702.D
Acq: 06 Jun 2022 17:59

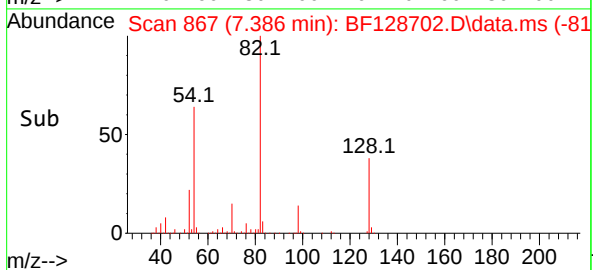
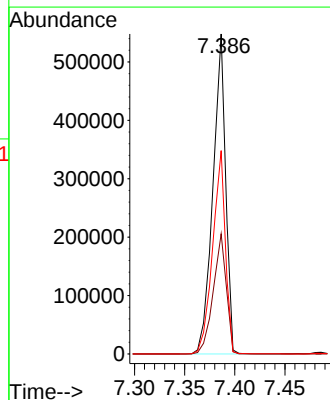
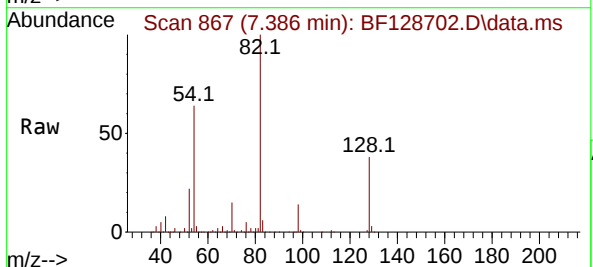
Instrument :
BNA_F
ClientSampleId :
20220428-AMENDED-COMPOSITE-H

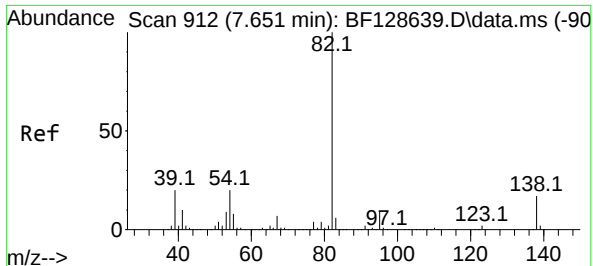
Tgt Ion:	136	Resp:	293763
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.0	7.5	11.3
68	4.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 77.126 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128702.D
Acq: 06 Jun 2022 17:59

Tgt Ion:	82	Resp:	486630
Ion	Ratio	Lower	Upper
82	100		
128	37.6	34.0	51.0
54	63.6	46.9	70.3

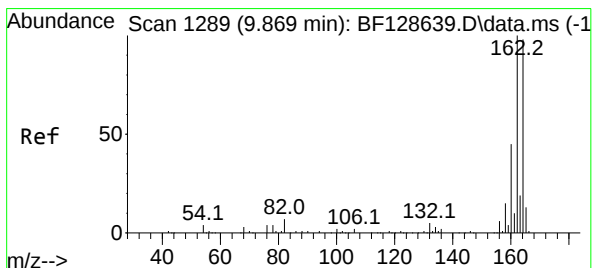
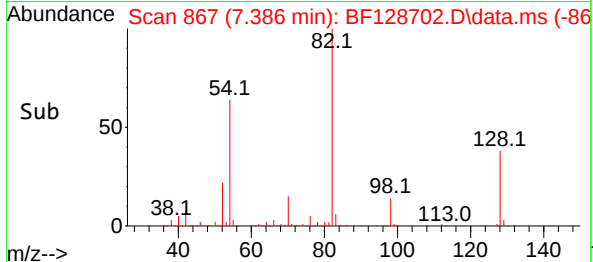
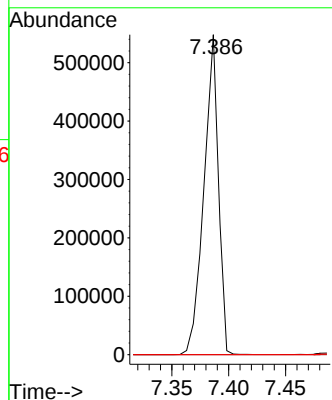
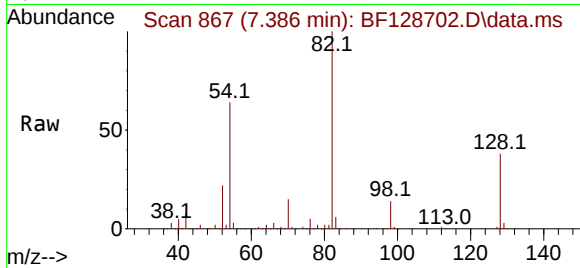




#25
Isophorone
Concen: 50.642 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128702.D
Acq: 06 Jun 2022 17:59

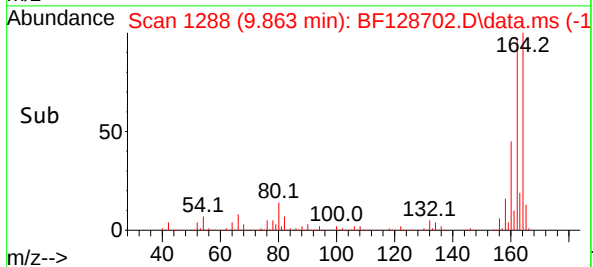
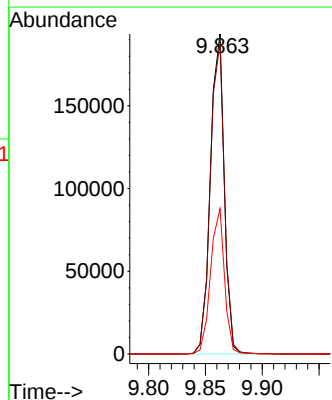
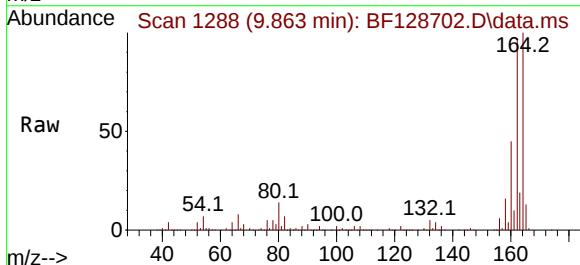
Instrument :
BNA_F
ClientSampleId :
20220428-AMENDED-COMPOSITE-H

Tgt Ion: 82 Resp: 485292
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: BF128702.D
Acq: 06 Jun 2022 17:59

Tgt Ion:164 Resp: 164136
Ion Ratio Lower Upper
164 100
162 97.3 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 6.446 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128702.D

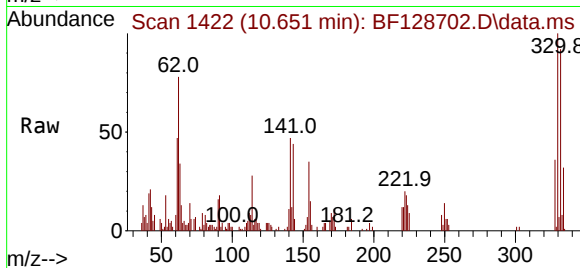
Acq: 06 Jun 2022 17:59

Instrument :

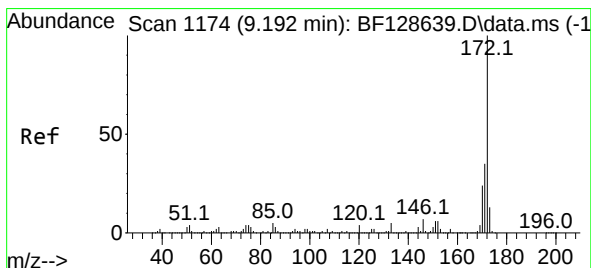
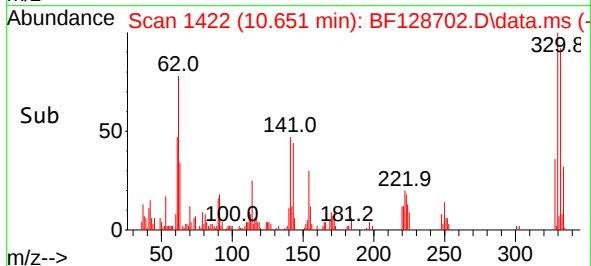
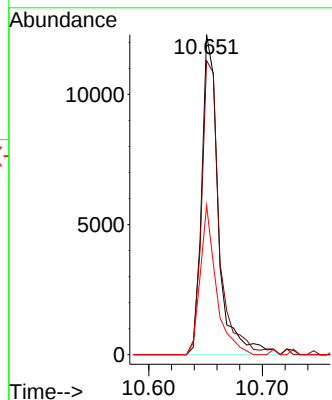
BNA_F

ClientSampleId :

20220428-AMENDED-COMPOSITE-H



Tgt Ion:	330	Resp:	12502
Ion Ratio	Lower	Upper	
330	100		
332	98.9	76.8	115.2
141	45.0	28.0	42.0



#45

2-Fluorobiphenyl

Concen: 71.817 ng

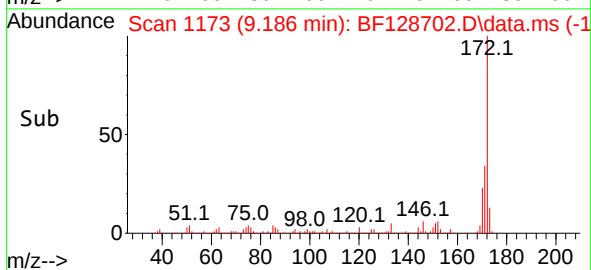
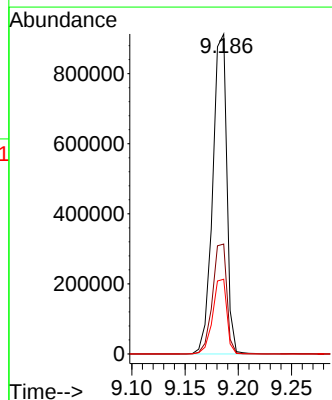
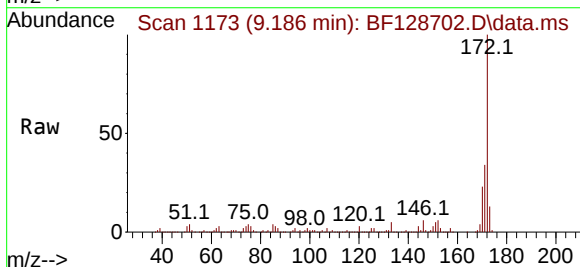
RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128702.D

Acq: 06 Jun 2022 17:59

Tgt Ion:	172	Resp:	841506
Ion Ratio	Lower	Upper	
172	100		
171	34.3	28.8	43.2
170	23.4	19.8	29.8





#51

2,6-Dinitrotoluene

Concen: 9.475 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128702.D

Acq: 06 Jun 2022 17:59

Instrument :

BNA_F

ClientSampleId :

20220428-AMENDED-COMPOSITE-H

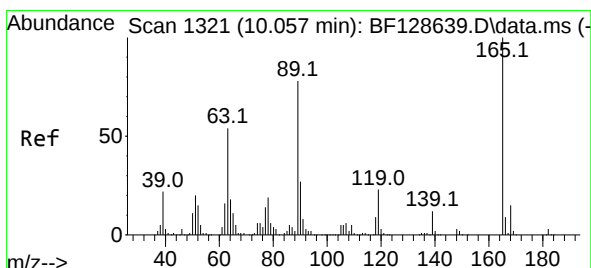
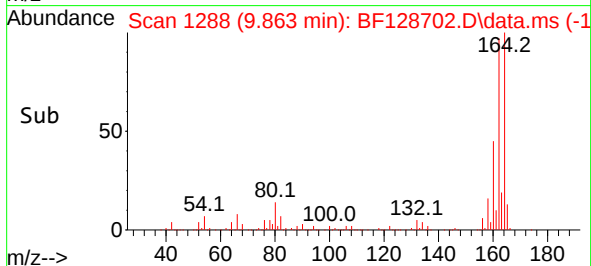
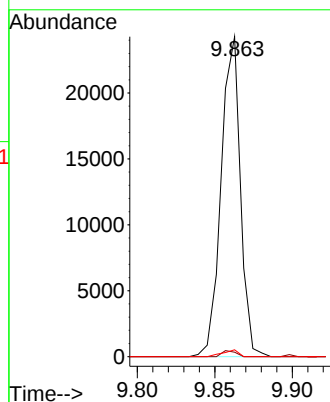
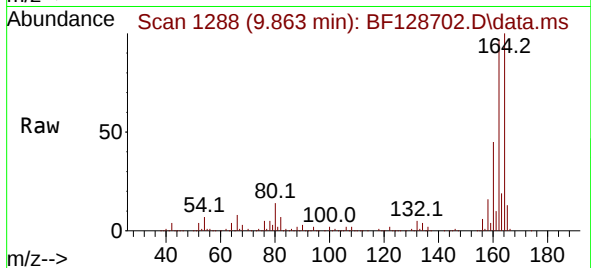
Tgt Ion:165 Resp: 21010

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 2.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.100 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128702.D

Acq: 06 Jun 2022 17:59

Tgt Ion:165 Resp: 21010

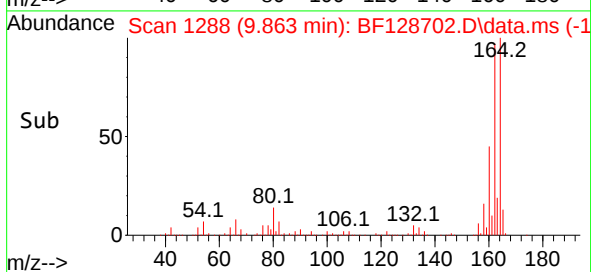
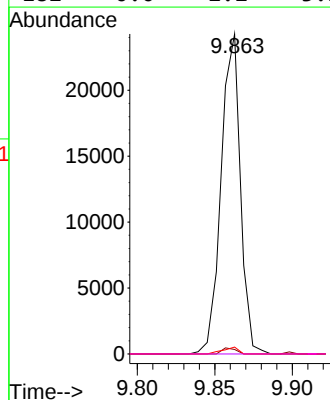
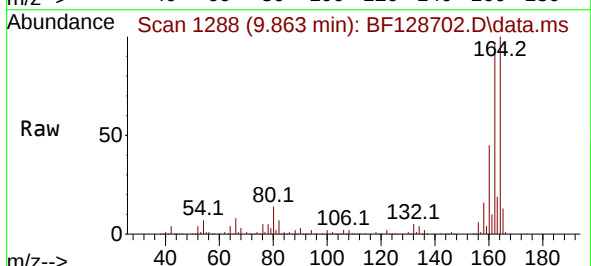
Ion Ratio Lower Upper

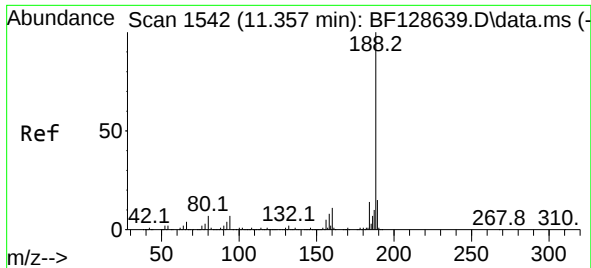
165 100

63 1.4 39.8 59.6#

89 2.2 60.2 90.2#

182 0.0 2.2 3.2#

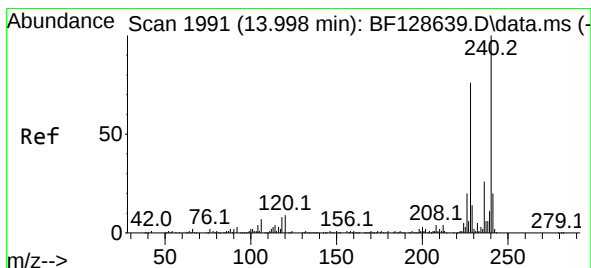
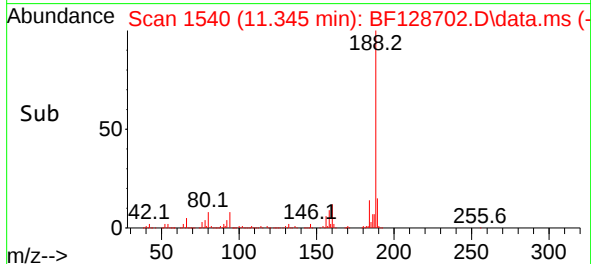
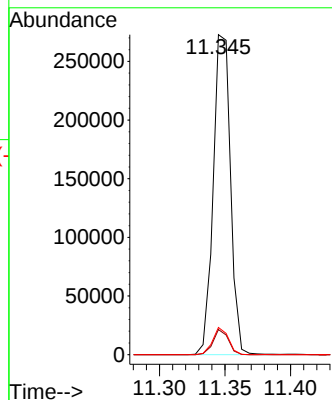
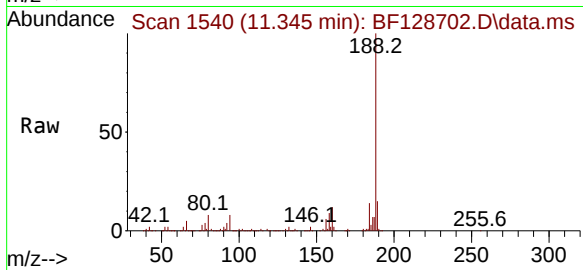




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128702.D
Acq: 06 Jun 2022 17:59

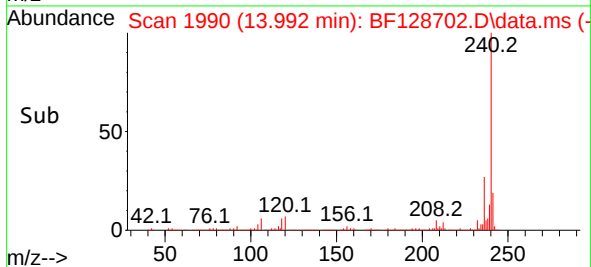
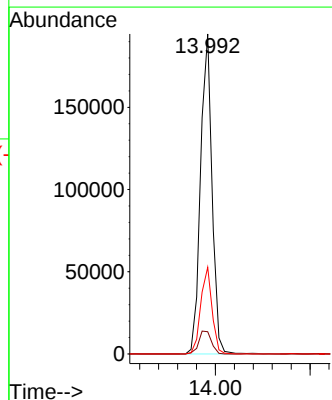
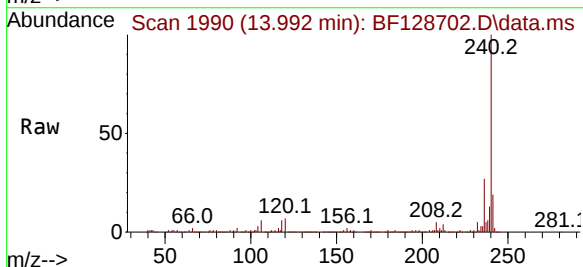
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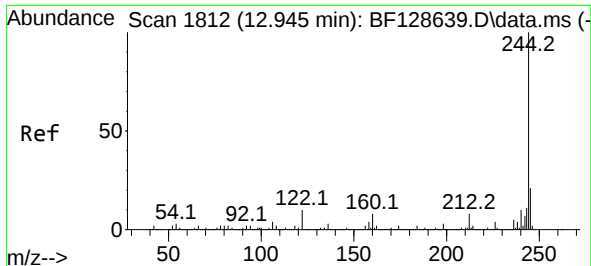
Tgt Ion:188 Resp: 250012
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128702.D
Acq: 06 Jun 2022 17:59

Tgt Ion:240 Resp: 164134
Ion Ratio Lower Upper
240 100
120 7.0 8.9 13.3#
236 27.1 20.8 31.2

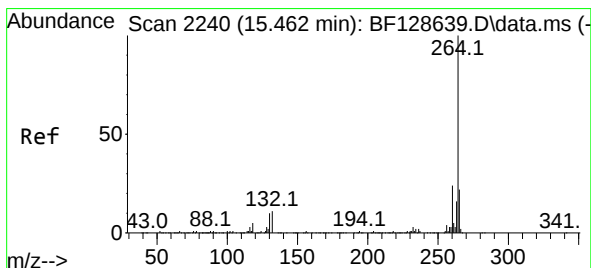
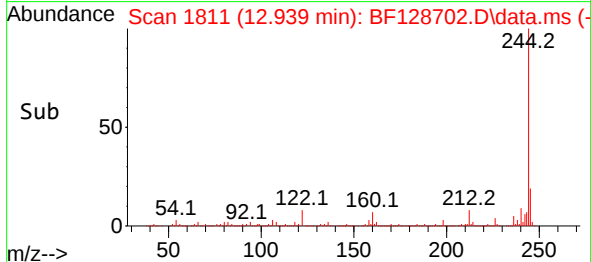
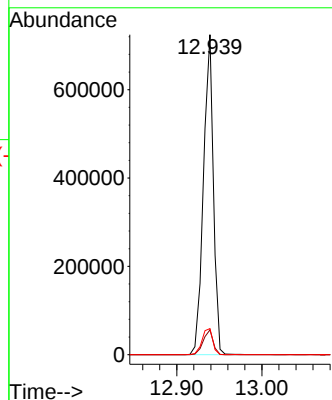
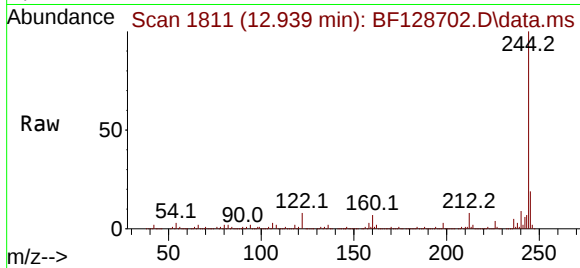




#79
 Terphenyl-d14
 Concen: 62.065 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128702.D
 Acq: 06 Jun 2022 17:59

Instrument :
 BNA_F
 ClientSampleId :
 20220428-AMENDED-COMPOSITE-H

Tgt Ion:244 Resp: 586256
 Ion Ratio Lower Upper
 244 100
 212 7.8 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: BF128702.D
 Acq: 06 Jun 2022 17:59

Tgt Ion:264 Resp: 184031
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.7 17.2 25.8

