

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
 Data File : BF128697.D
 Acq On : 06 Jun 2022 15:31
 Operator : CG\JU
 Sample : N3189-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220423-AMENDED-COMPOSITE-C

Quant Time: Jun 07 02:42:32 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)

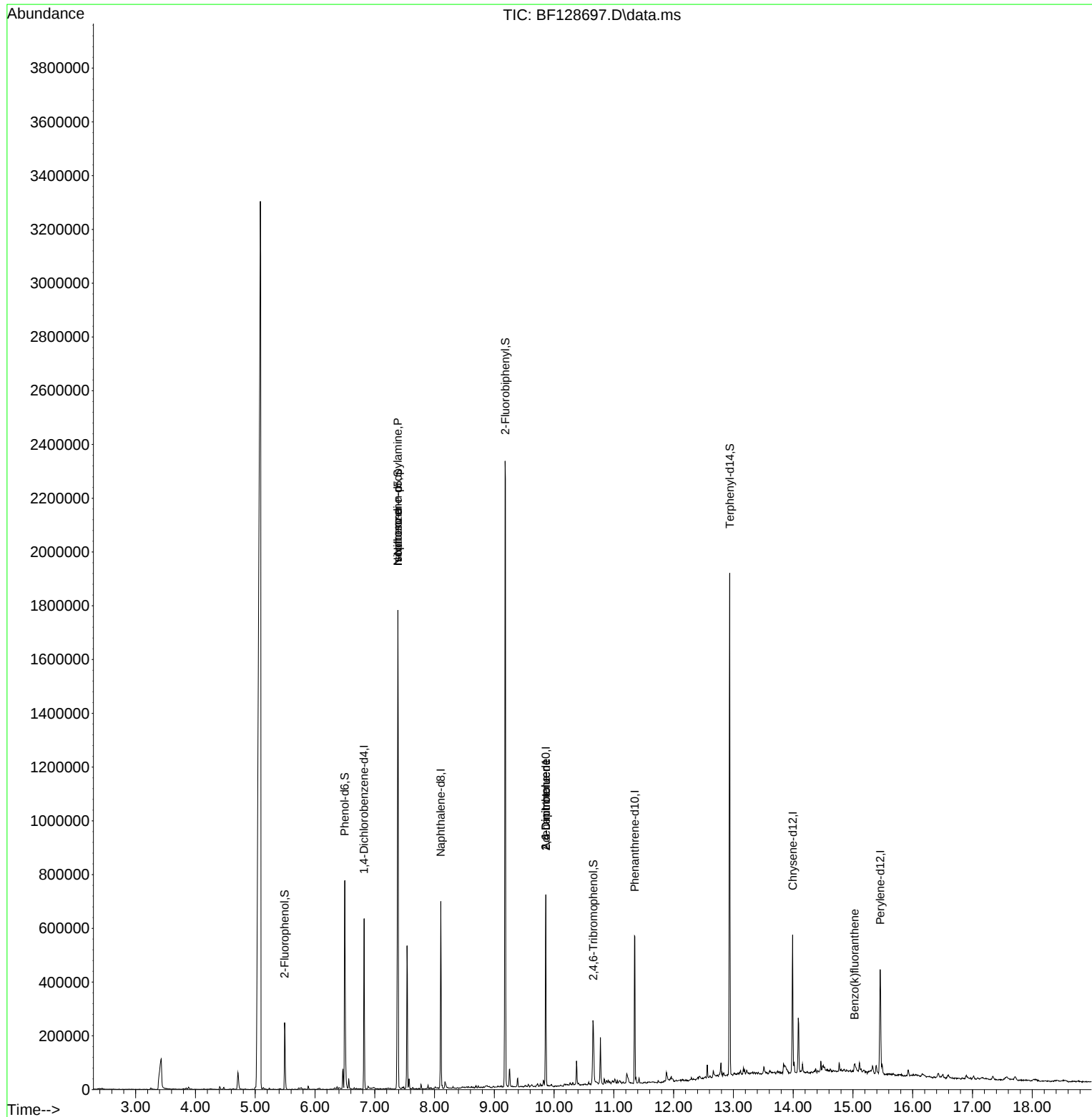
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	74189	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	254729	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	131124	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	204596	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	161038	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	176611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	55795	11.979	ng	0.02
7) Phenol-d6	6.498	99	234728	41.285	ng	0.00
23) Nitrobenzene-d5	7.387	82	563556	103.005	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	10988	7.092	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	735029	78.523	ng	0.00
79) Terphenyl-d14	12.939	244	585411	63.167	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	83238	23.547	ng	# 80
25) Isophorone	7.387	82	562533	67.698	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	17702	9.993	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	17702	7.488	ng	# 21
89) Benzo(k)fluoranthene	15.027	252	22482	2.118	ng	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128697.D
Acq On : 06 Jun 2022 15:31
Operator : CG\JU
Sample : N3189-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

Quant Time: Jun 07 02:42:32 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

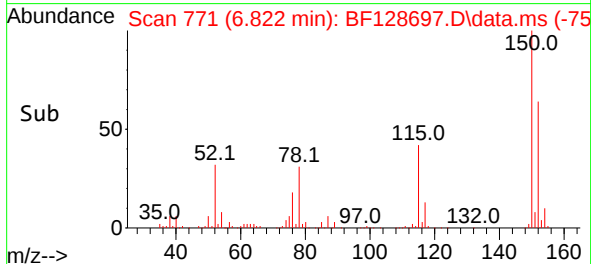
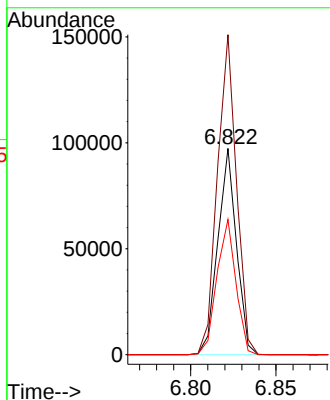
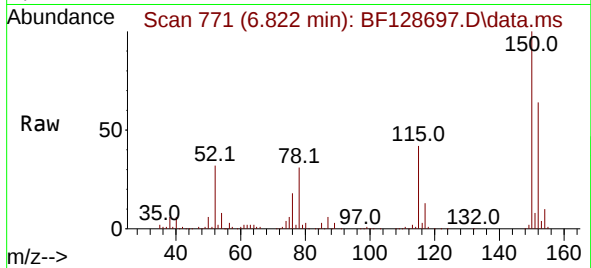




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

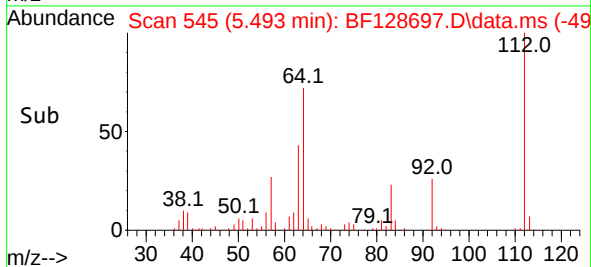
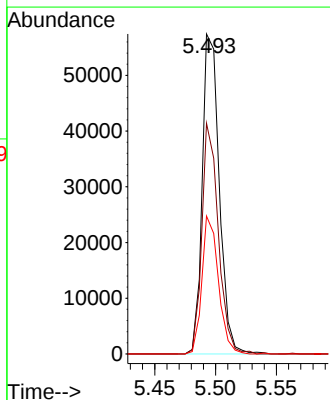
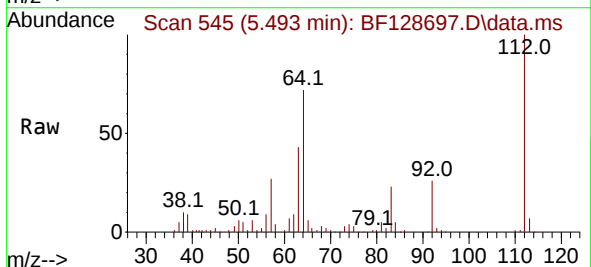
Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

Tgt Ion:152 Resp: 74189
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 65.6 49.9 74.9



#5
2-Fluorophenol
Concen: 11.979 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.018 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion:112 Resp: 55795
Ion Ratio Lower Upper
112 100
64 72.1 53.3 79.9
63 43.1 28.0 42.0#

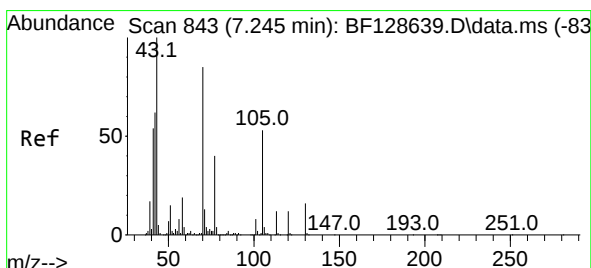
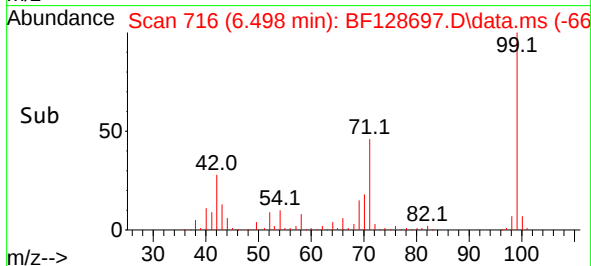
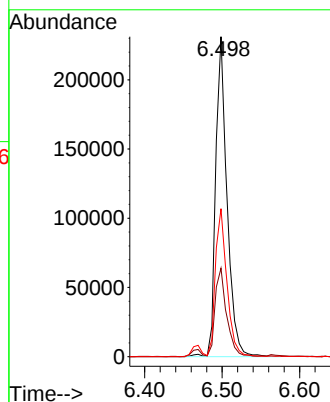
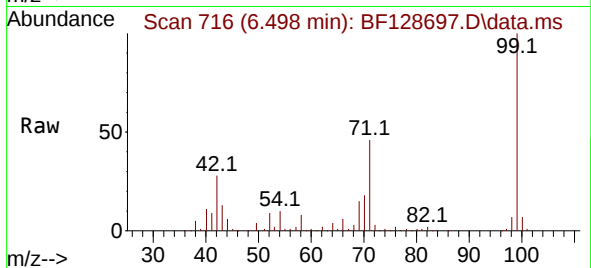




#7
Phenol-d6
Concen: 41.285 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

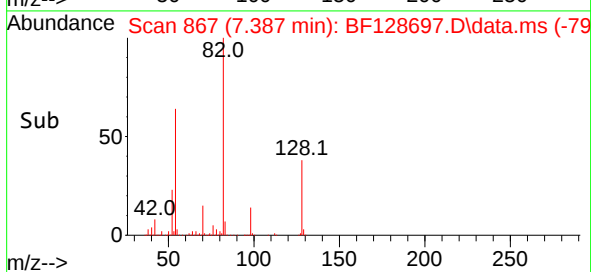
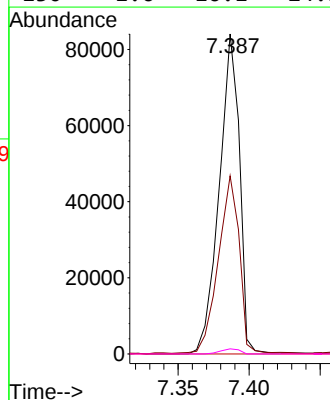
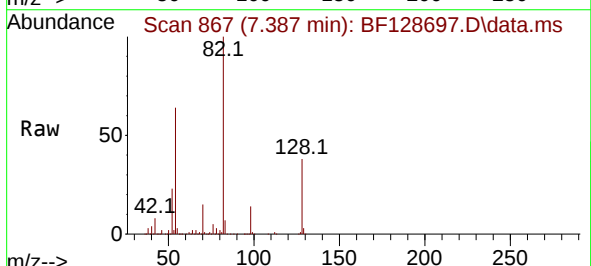
Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

Tgt Ion: 99 Resp: 234728
Ion Ratio Lower Upper
99 100
42 27.6 17.3 25.9#
71 46.2 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 23.547 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion: 70 Resp: 83238
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#

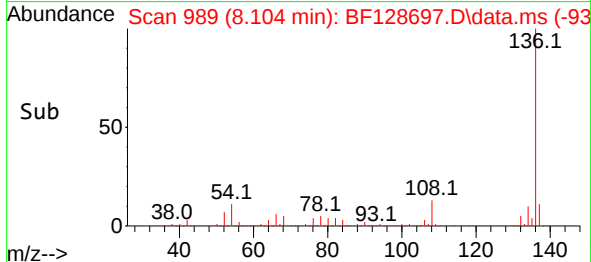
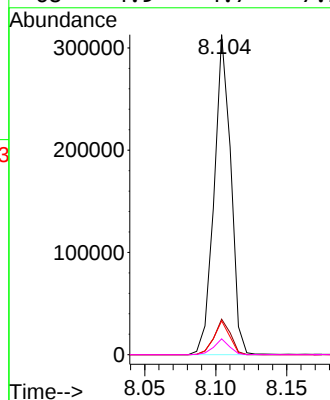
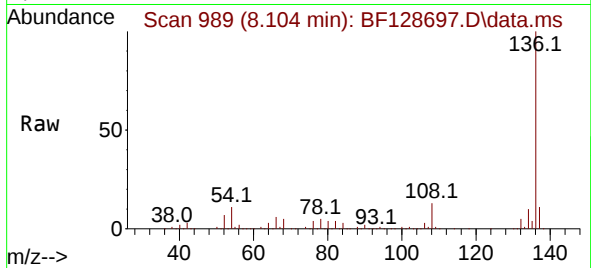




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

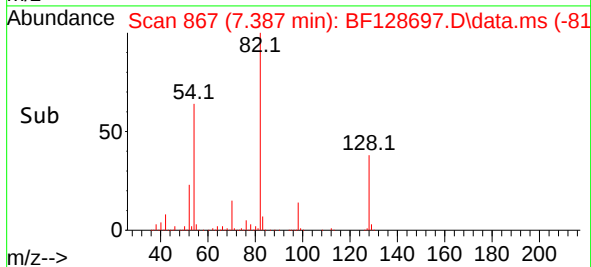
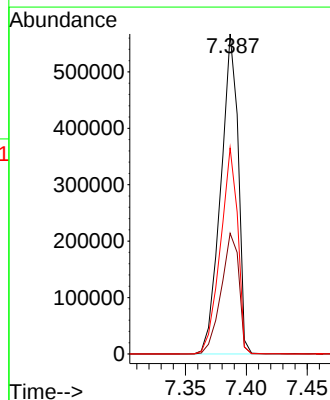
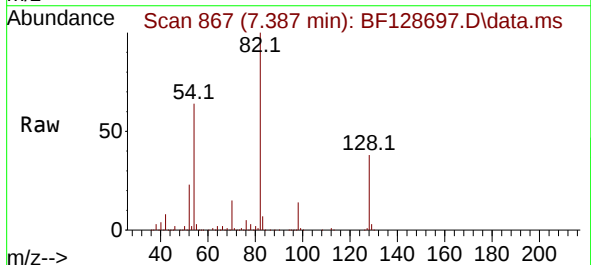
Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

Tgt Ion:136	Resp: 254729
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 10.5	7.5 11.3
68 4.9	4.7 7.1



#23
Nitrobenzene-d5
Concen: 103.005 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion: 82	Resp: 563556
Ion Ratio	Lower Upper
82 100	
128 37.7	34.0 51.0
54 64.4	46.9 70.3

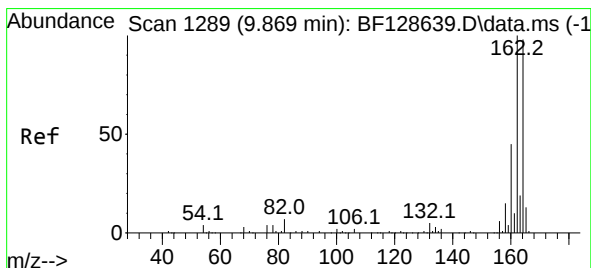
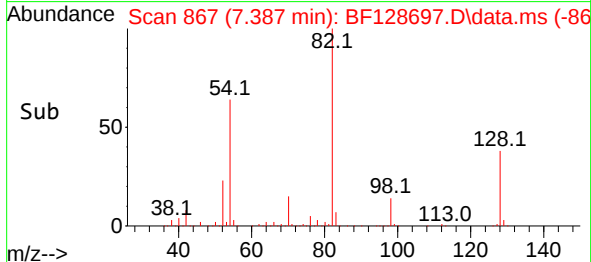
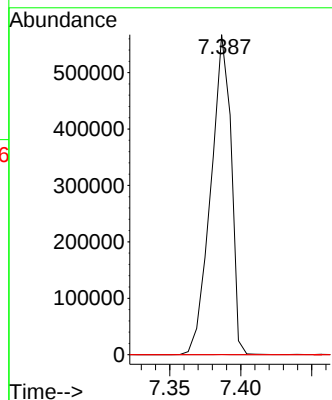
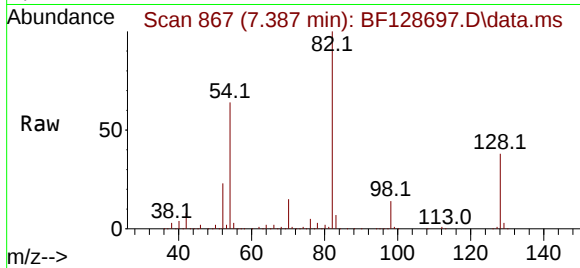




#25
Isophorone
Concen: 67.698 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

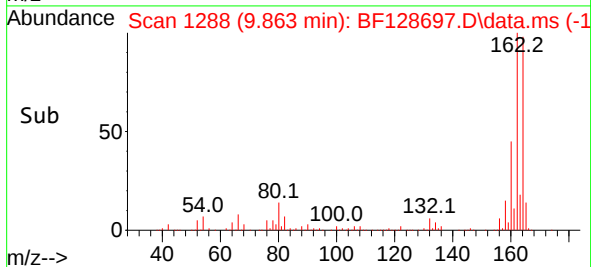
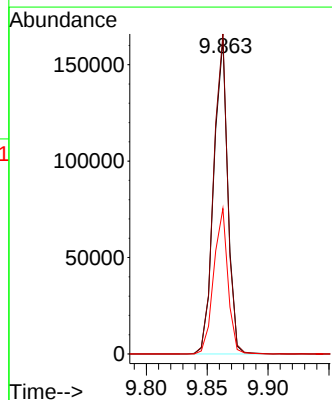
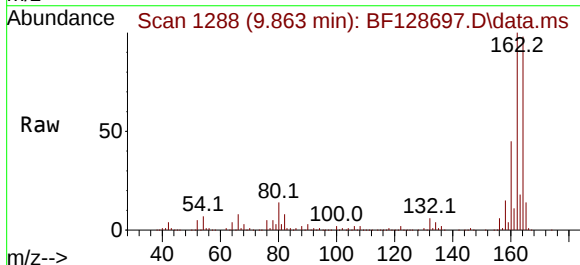
Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

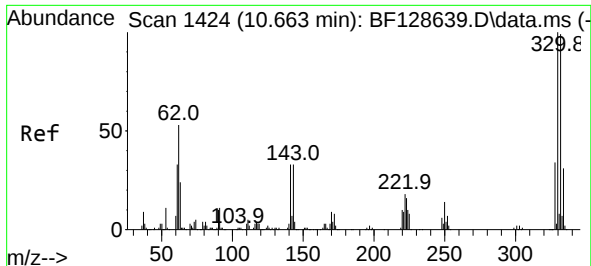
Tgt Ion: 82 Resp: 562533
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion:164 Resp: 131124
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 46.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 7.092 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128697.D

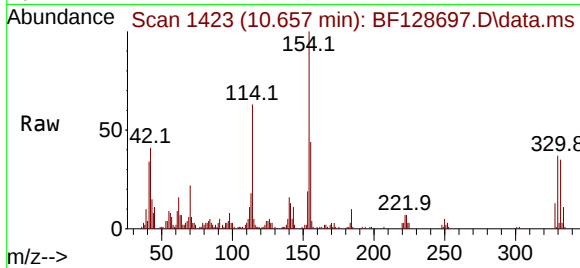
Acq: 06 Jun 2022 15:31

Instrument :

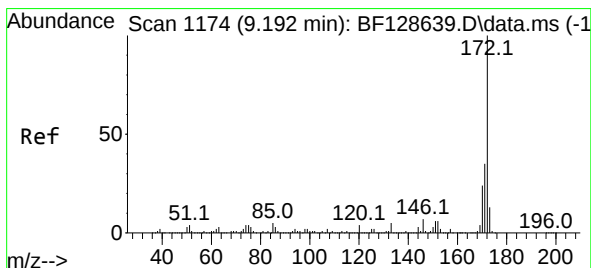
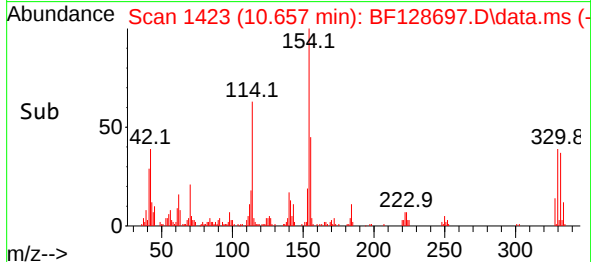
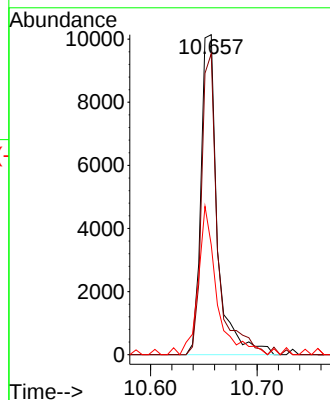
BNA_F

ClientSampleId :

20220423-AMENDED-COMPOSITE-C



Tgt Ion:	330	Resp:	10988
Ion Ratio	Lower	Upper	
330	100		
332	91.4	76.8	115.2
141	52.1	28.0	42.0



#45

2-Fluorobiphenyl

Concen: 78.523 ng

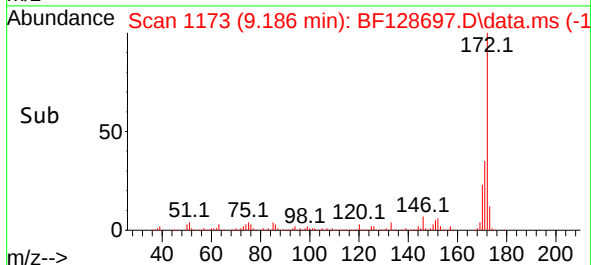
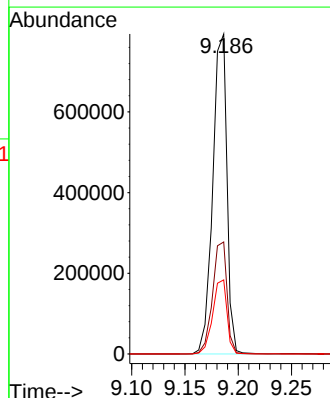
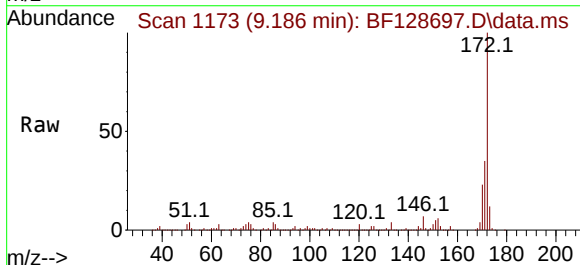
RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128697.D

Acq: 06 Jun 2022 15:31

Tgt Ion:	172	Resp:	735029
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.8	43.2
170	23.2	19.8	29.8

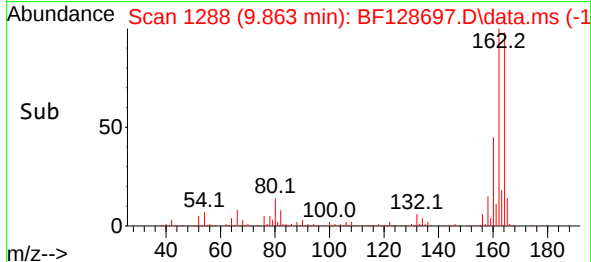
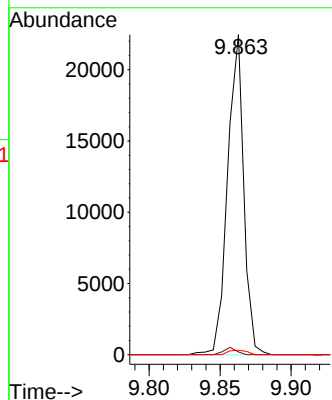
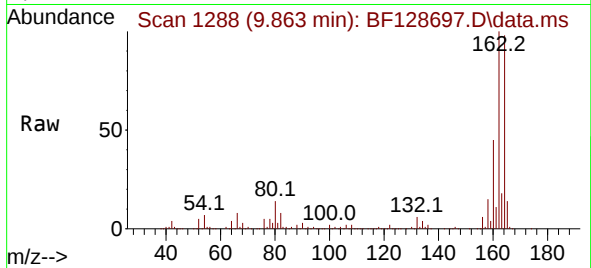




#51
2,6-Dinitrotoluene
Concen: 9.993 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

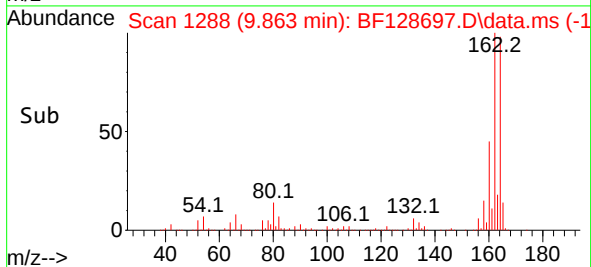
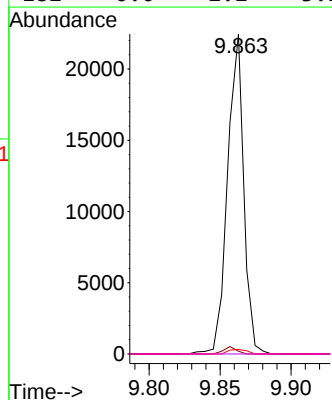
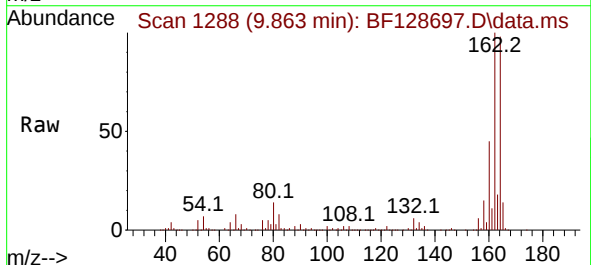
Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

Tgt Ion:165 Resp: 17702
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.488 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion:165 Resp: 17702
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

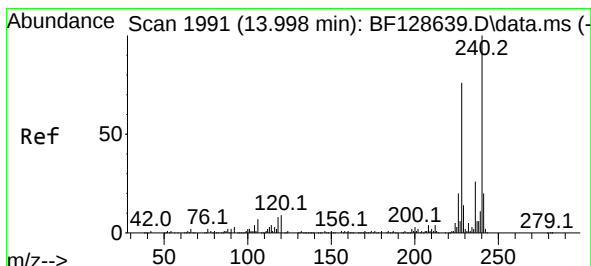
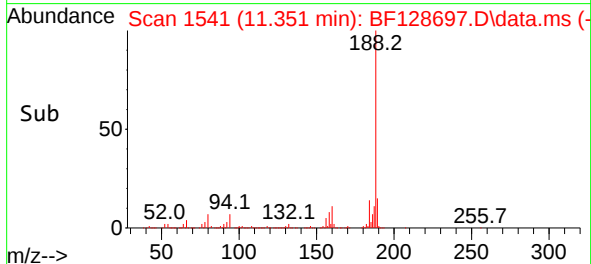
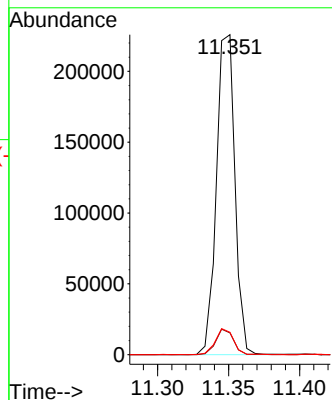
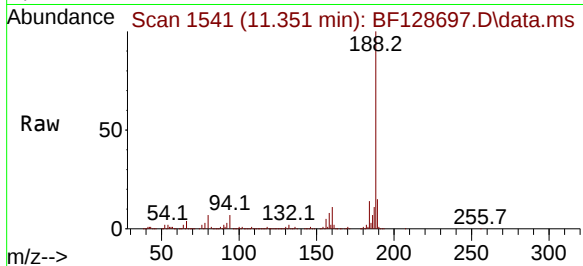




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

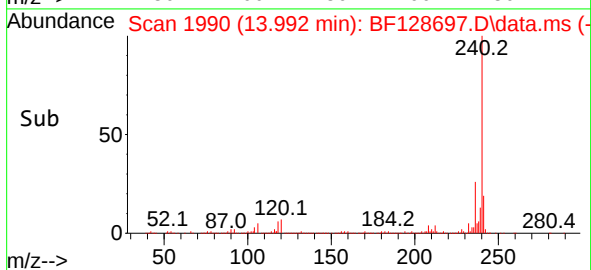
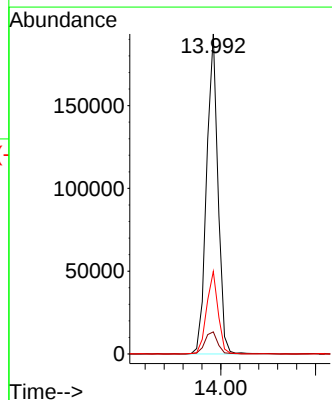
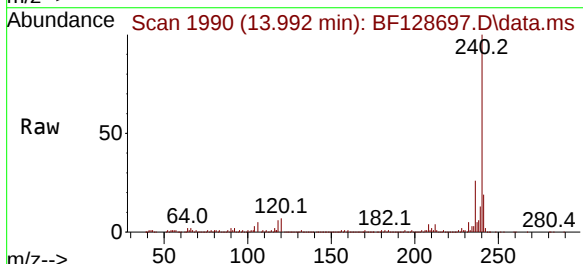
Instrument :
BNA_F
ClientSampleId :
20220423-AMENDED-COMPOSITE-C

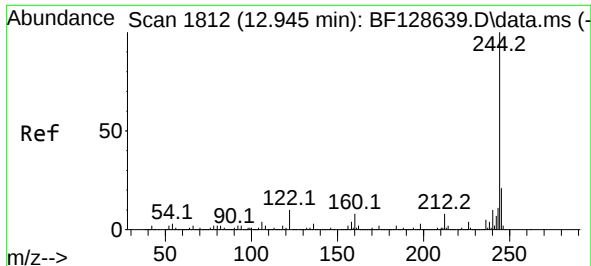
Tgt Ion:188 Resp: 204596
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 7.0 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128697.D
Acq: 06 Jun 2022 15:31

Tgt Ion:240 Resp: 161038
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3#
236 25.8 20.8 31.2

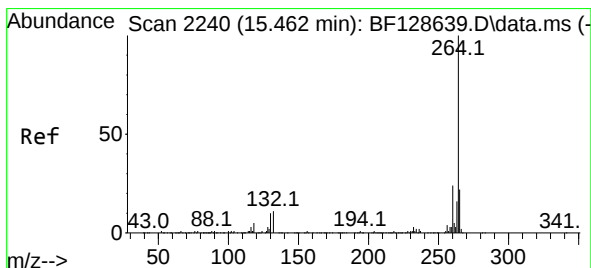
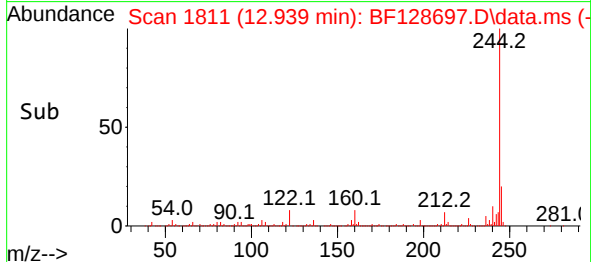
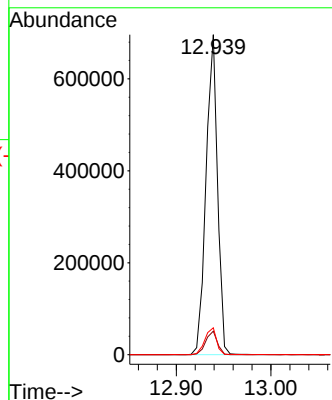
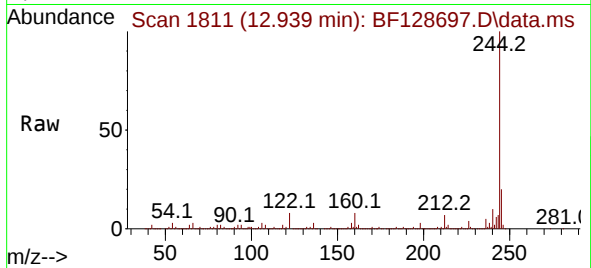




#79
 Terphenyl-d14
 Concen: 63.167 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128697.D
 Acq: 06 Jun 2022 15:31

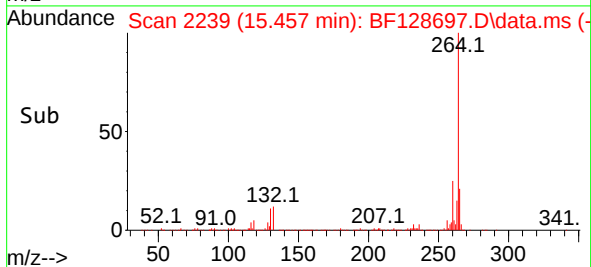
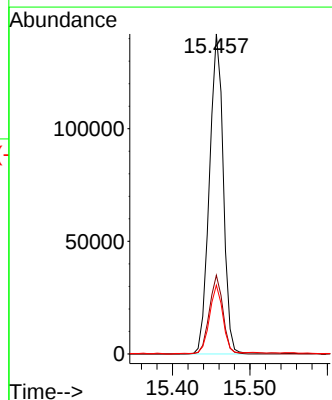
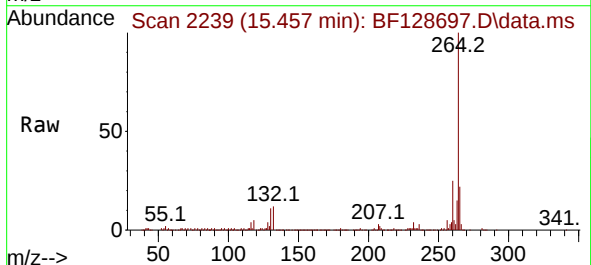
Instrument :
 BNA_F
 ClientSampleId :
 20220423-AMENDED-COMPOSITE-C

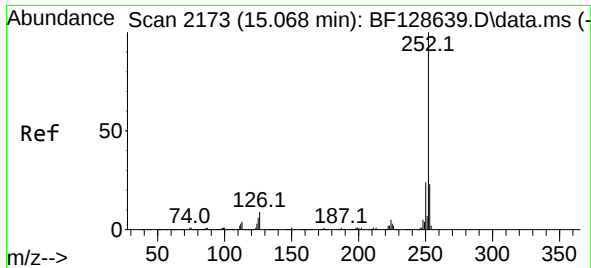
Tgt Ion:244 Resp: 585411
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 8.4 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128697.D
 Acq: 06 Jun 2022 15:31

Tgt Ion:264 Resp: 176611
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 21.5 17.2 25.8





#89

Benzo(k)fluoranthene

Concen: 2.118 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF128697.D

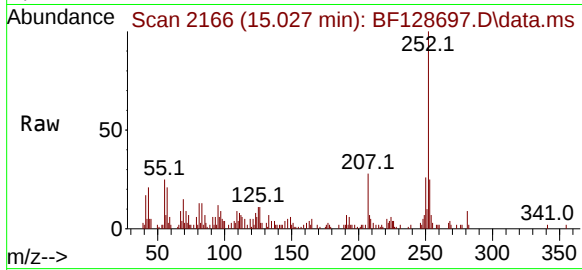
Acq: 06 Jun 2022 15:31

Instrument :

BNA_F

ClientSampleId :

20220423-AMENDED-COMPOSITE-C



Tgt Ion:252 Resp: 22482

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

125 11.3 8.3 12.5

