

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128686.D
 Acq On : 03 Jun 2022 18:39
 Operator : CG\JU
 Sample : N3099-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220426-AMENDED-COMPOSITE-FRX

Quant Time: Jun 03 23:42:44 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)

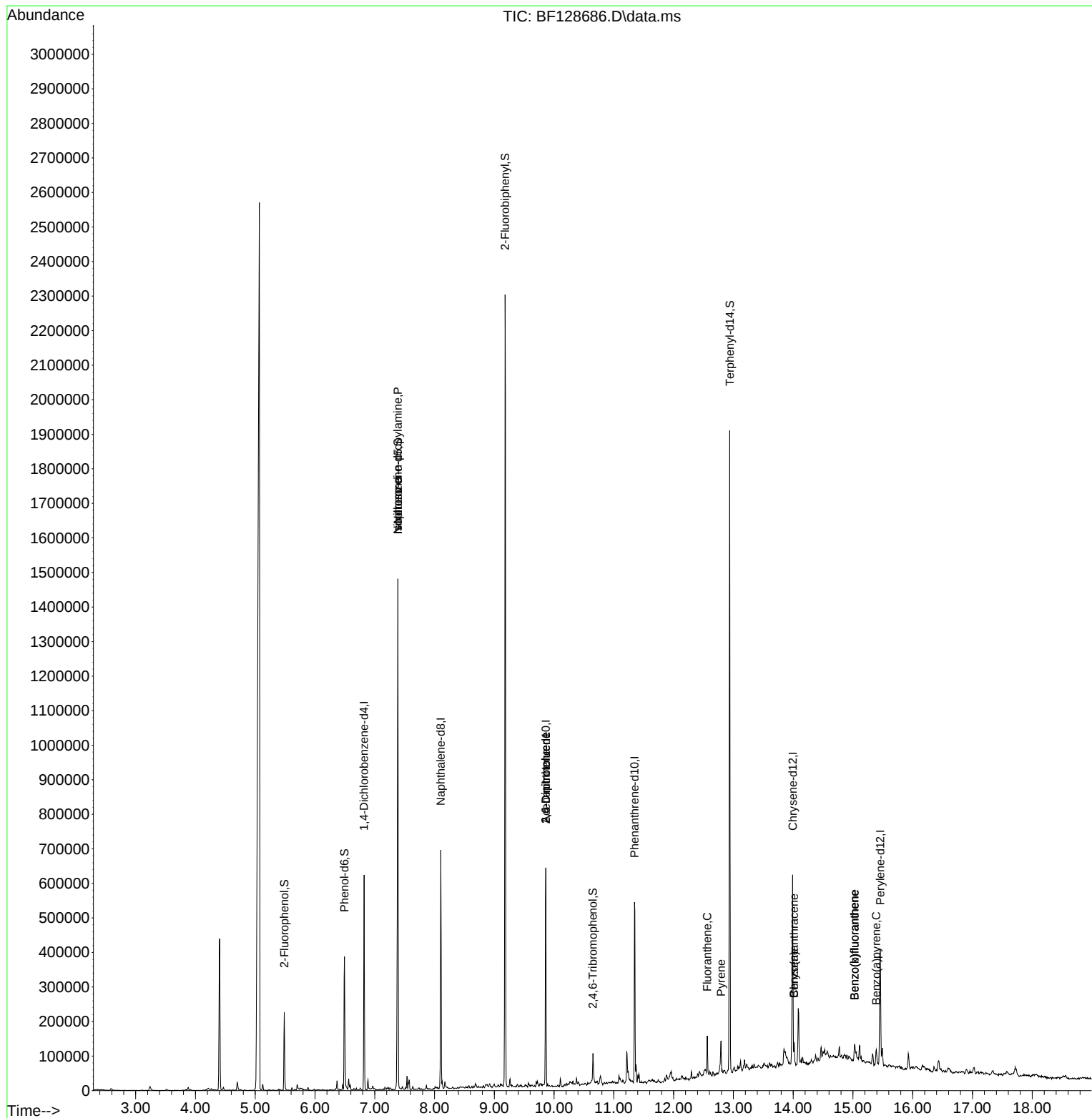
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	72216	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	248005	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	118030	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	189364	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	167107	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	148447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	47576	10.494	ng	0.01
7) Phenol-d6	6.492	99	115945	20.950	ng	0.00
23) Nitrobenzene-d5	7.387	82	412663	77.470	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	8226	5.899	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	663502	78.746	ng	-0.01
79) Terphenyl-d14	12.939	244	555549	57.768	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	60979	17.721	ng	# 85
25) Isophorone	7.387	82	412510	50.989	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	15642	9.810	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	15642	7.351	ng	# 22
75) Fluoranthene	12.563	202	35477	3.573	ng	97
78) Pyrene	12.792	202	37846	3.044	ng	97
81) Benzo(a)anthracene	14.015	228	23246	2.232	ng	95
83) Chrysene	14.015	228	23246	2.341	ng	97
88) Benzo(b)fluoranthene	15.027	252	34047	3.589	ng	94
89) Benzo(k)fluoranthene	15.027	252	34047	3.816	ng	95
90) Benzo(a)pyrene	15.392	252	21780	2.921	ng	94

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

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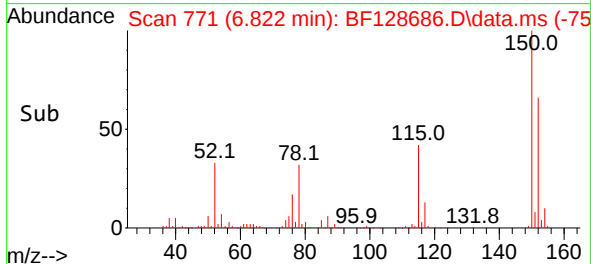
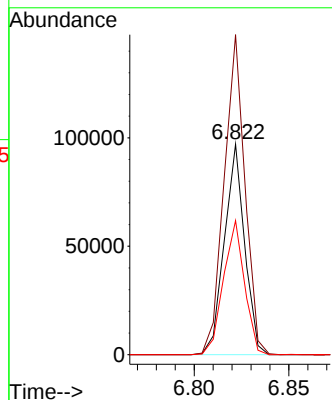
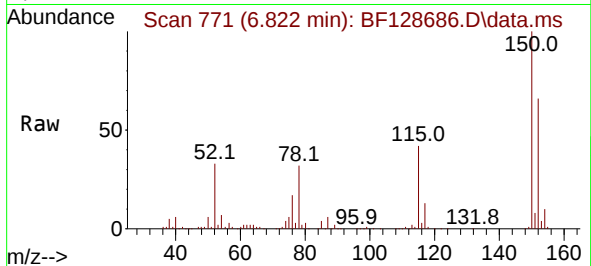




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

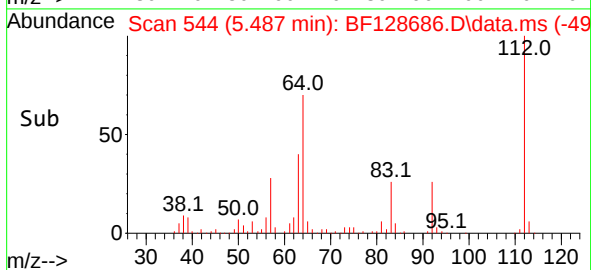
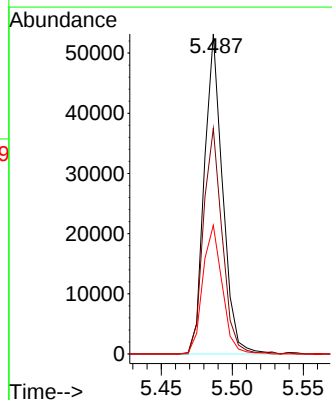
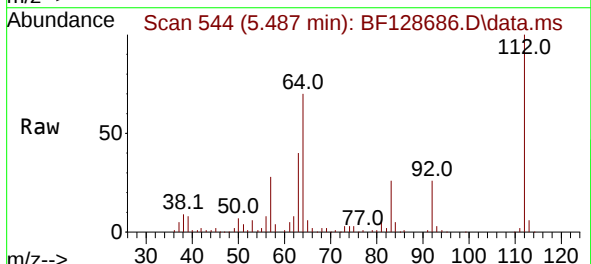
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-FRX

Tgt Ion:152 Resp: 72216
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 10.494 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.012 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Tgt Ion:112 Resp: 47576
Ion Ratio Lower Upper
112 100
64 70.5 53.3 79.9
63 40.2 28.0 42.0

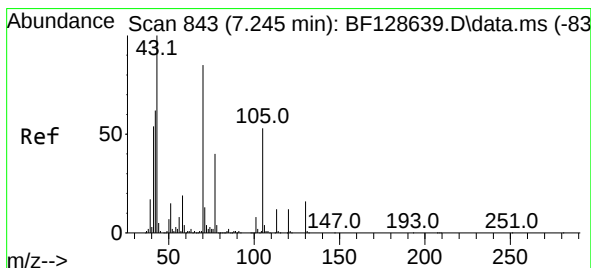
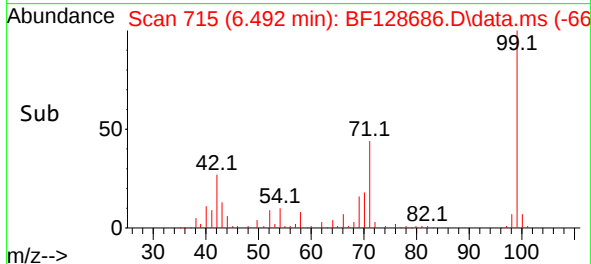
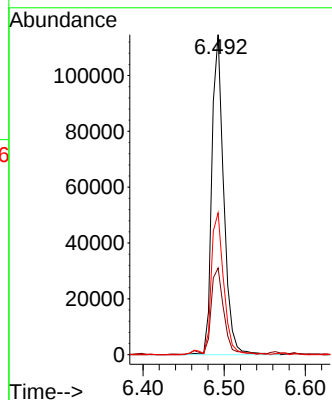
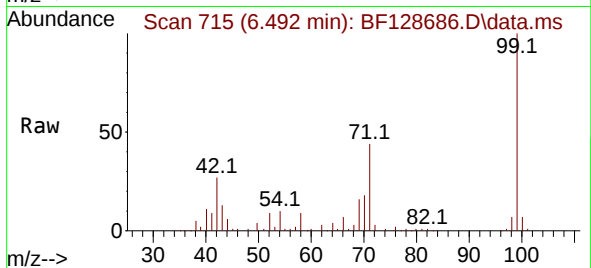




#7
Phenol-d6
Concen: 20.950 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

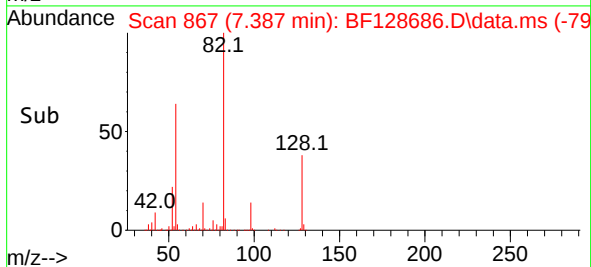
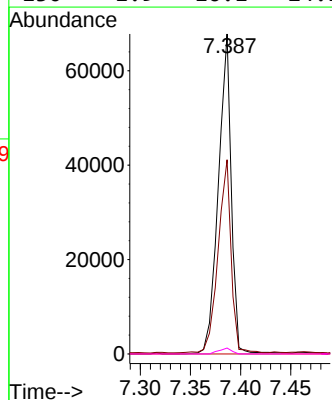
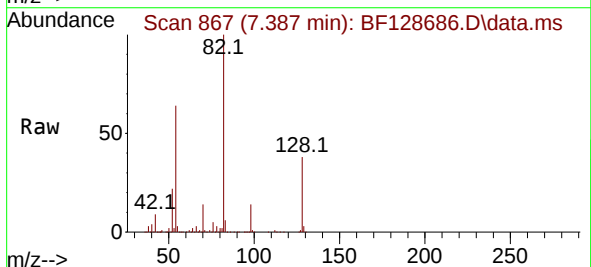
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-FRX

Tgt Ion: 99 Resp: 115945
Ion Ratio Lower Upper
99 100
42 27.1 17.3 25.9#
71 44.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.721 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Tgt Ion: 70 Resp: 60979
Ion Ratio Lower Upper
70 100
42 60.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

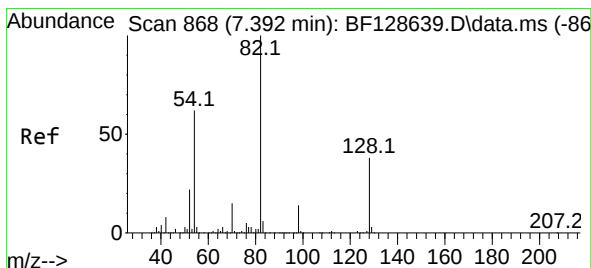
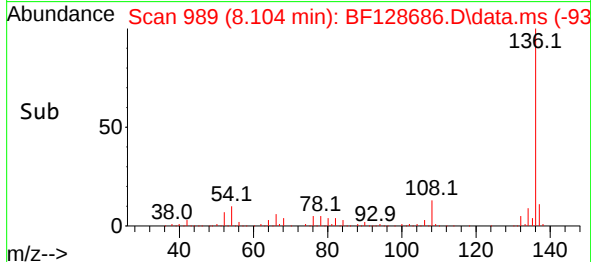
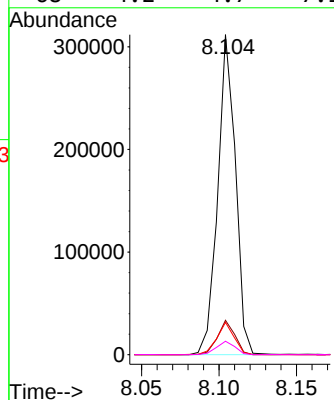
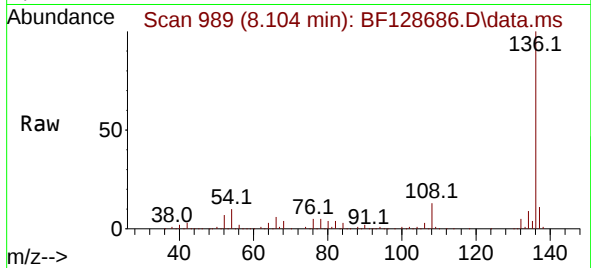




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

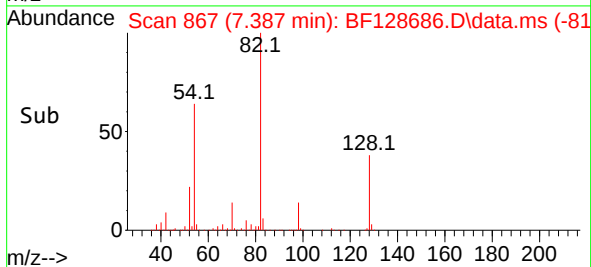
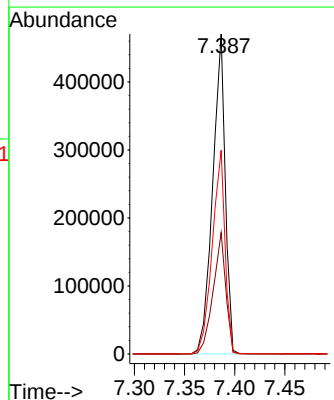
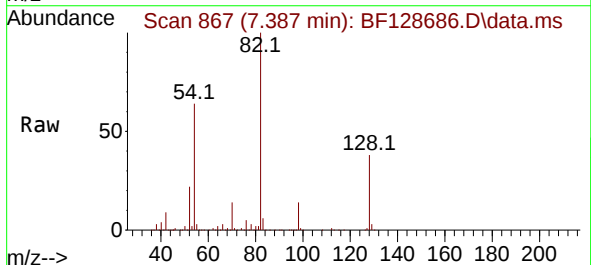
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-FRX

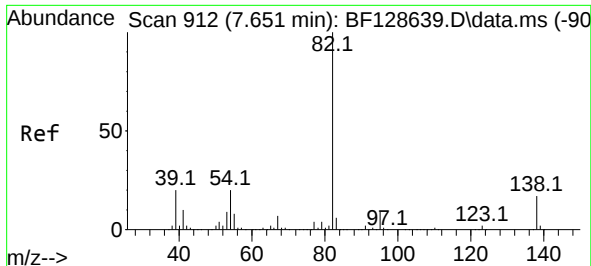
Tgt Ion:	136	Resp:	248005
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	10.1	7.5	11.3
68	4.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 77.470 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Tgt Ion:	82	Resp:	412663
Ion Ratio	Lower	Upper	
82	100		
128	37.9	34.0	51.0
54	63.6	46.9	70.3

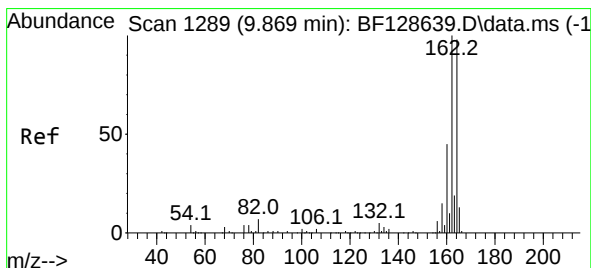
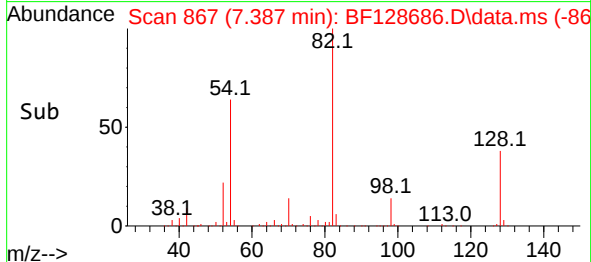
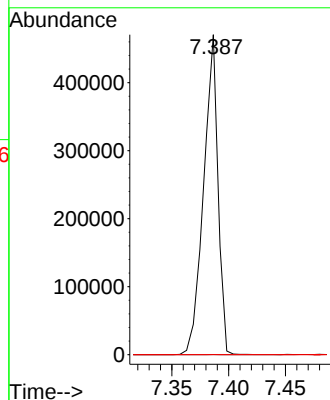
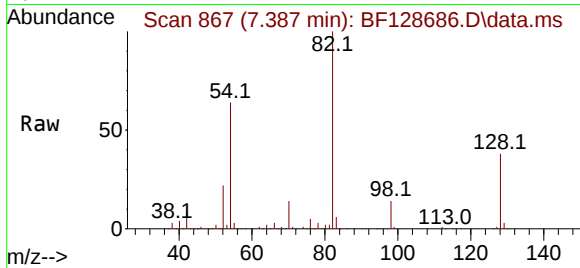




#25
Isophorone
Concen: 50.989 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

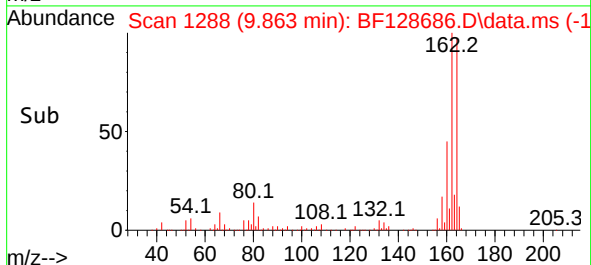
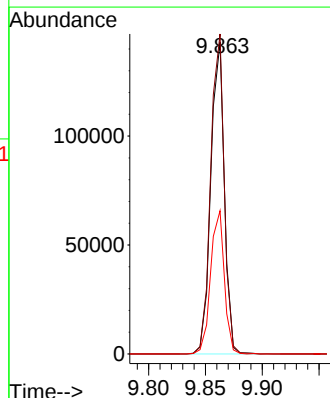
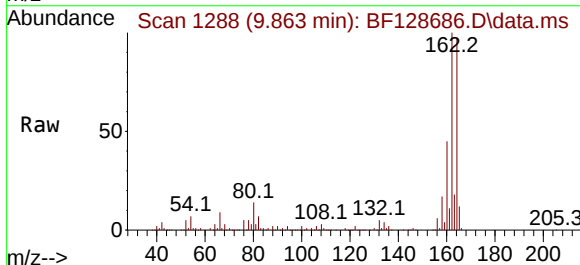
Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-FRX

Tgt Ion: 82 Resp: 412510
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: BF128686.D
Acq: 03 Jun 2022 18:39

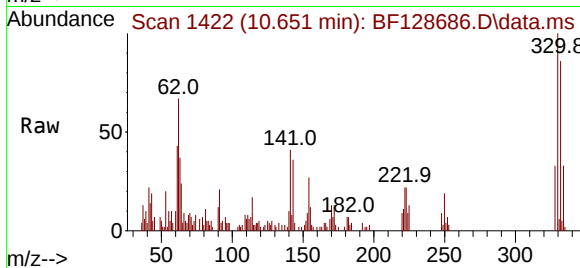
Tgt Ion:164 Resp: 118030
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 45.9 34.2 51.4



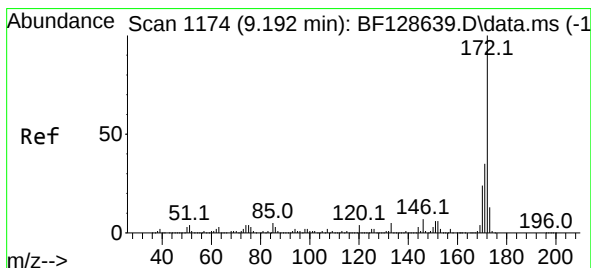
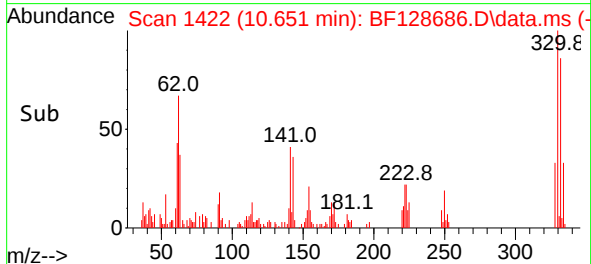
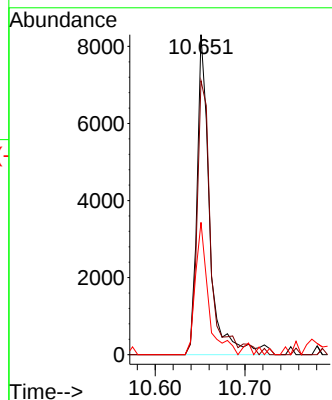


#42
2,4,6-Tribromophenol
Concen: 5.899 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Instrument : BNA_F
ClientSampleId : 20220426-AMENDED-COMPOSITE-FRX

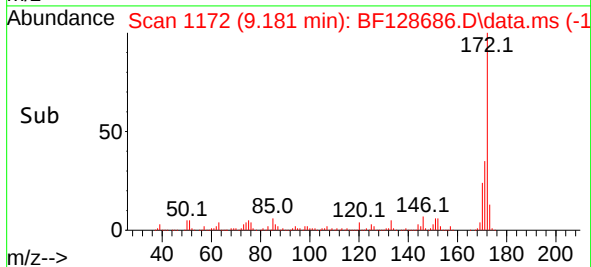
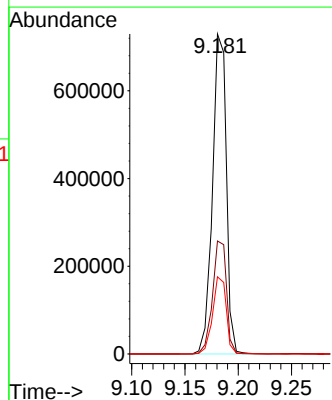
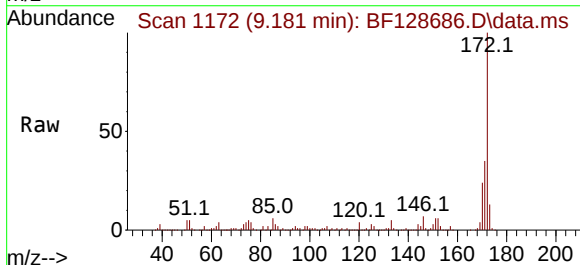


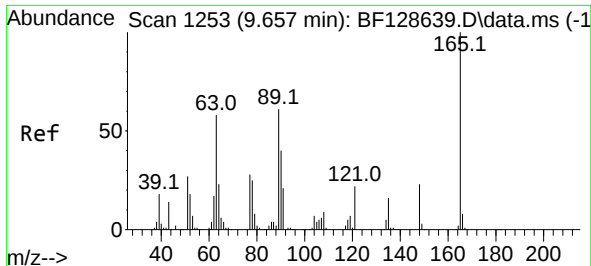
Tgt Ion: 330 Resp: 8226
Ion Ratio Lower Upper
330 100
332 92.5 76.8 115.2
141 41.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 78.746 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Tgt Ion: 172 Resp: 663502
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.1 19.8 29.8

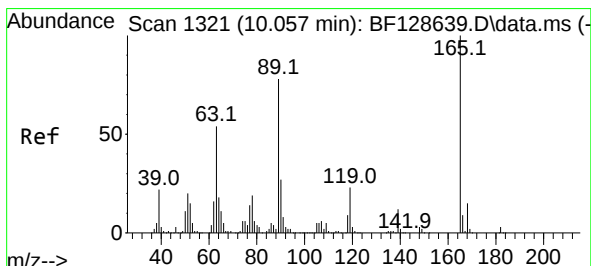
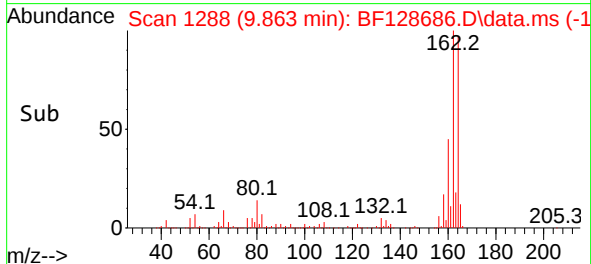
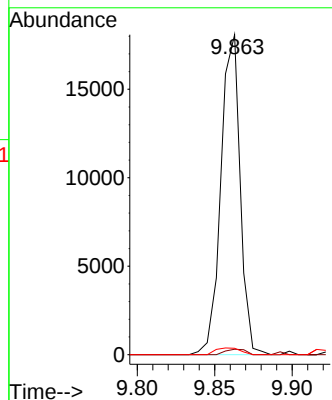
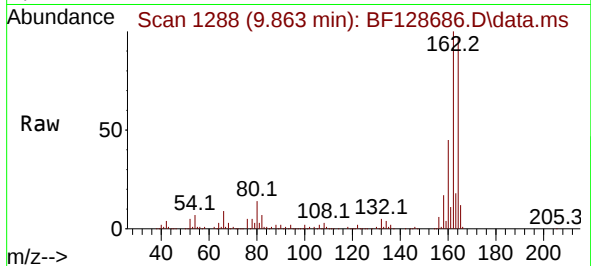




#51
2,6-Dinitrotoluene
Concen: 9.810 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

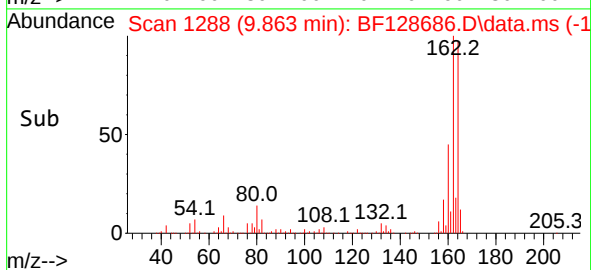
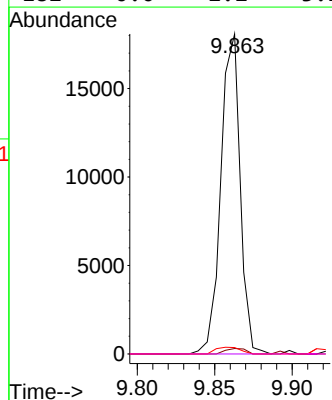
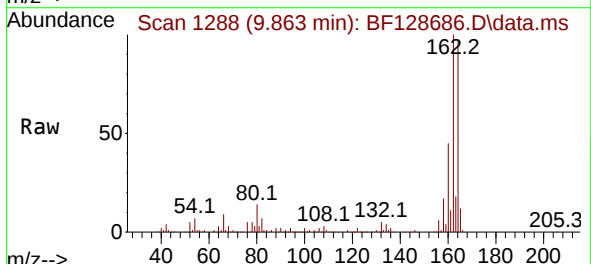
Instrument :
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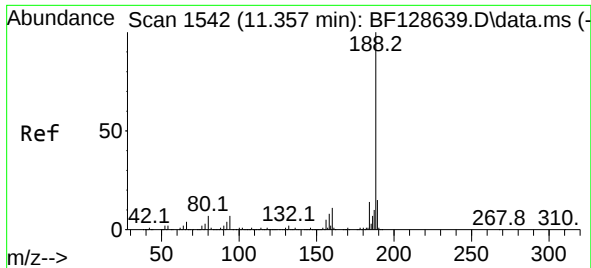
Tgt Ion:165 Resp: 15642
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 2.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.351 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Tgt Ion:165 Resp: 15642
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 2.0 60.2 90.2#
182 0.0 2.2 3.2#

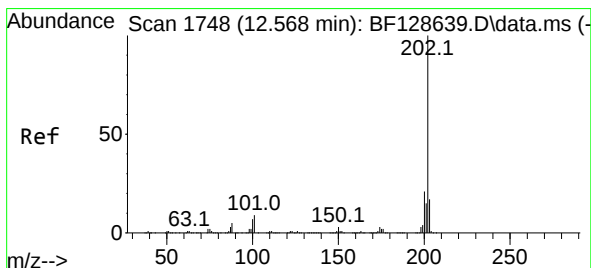
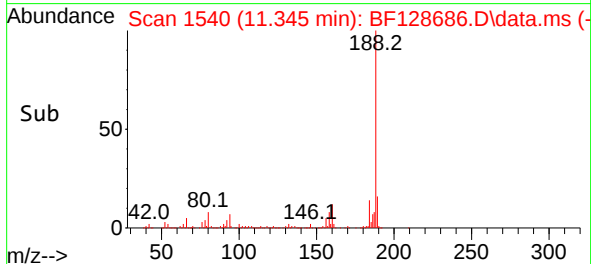
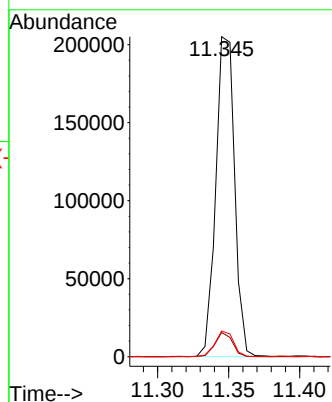
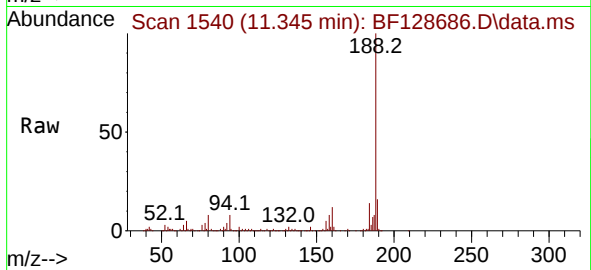




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

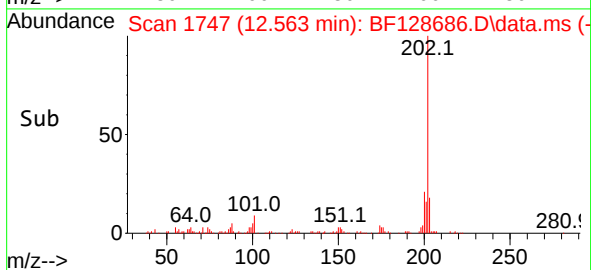
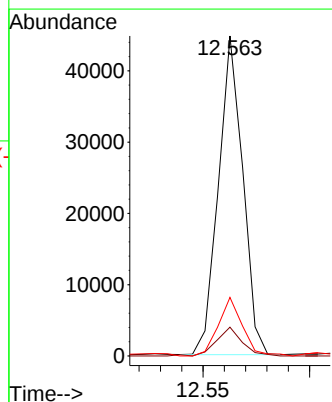
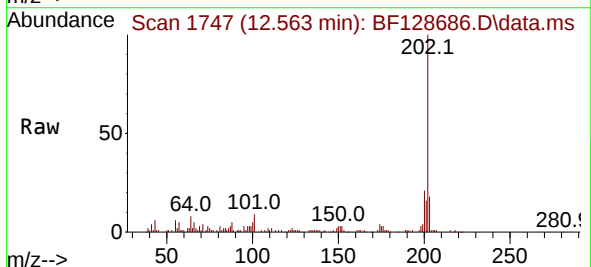
Instrument :
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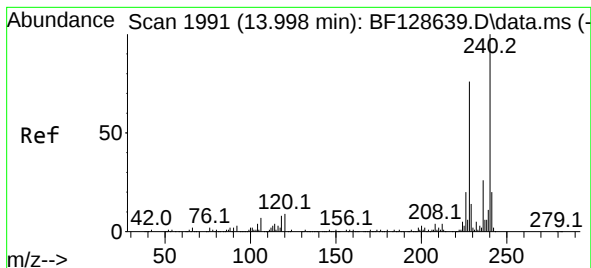
Tgt Ion:188 Resp: 189364
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.0 7.6 11.4



#75
Fluoranthene
Concen: 3.573 ng
RT: 12.563 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Tgt Ion:202 Resp: 35477
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.4
203 18.3 0.0 38.0

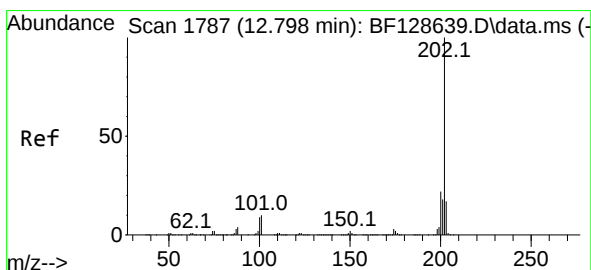
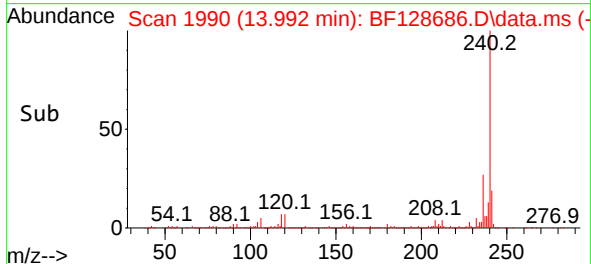
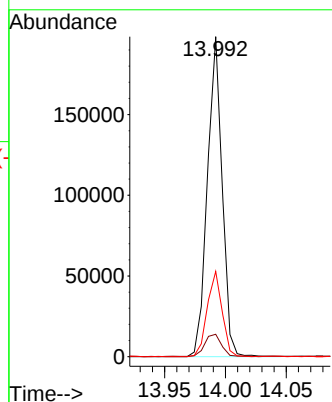
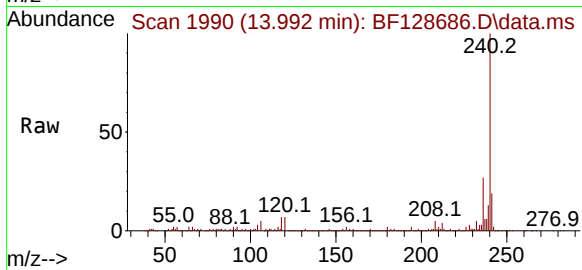




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

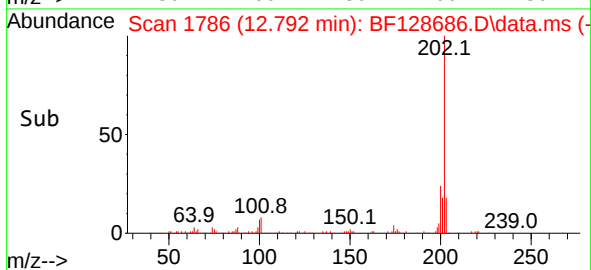
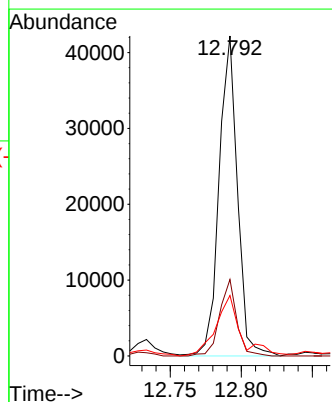
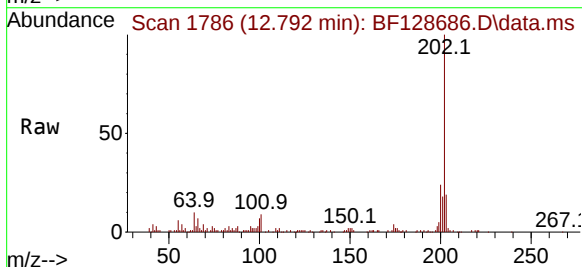
Instrument : BNA_F
ClientSampleId : 20220426-AMENDED-COMPOSITE-FRX

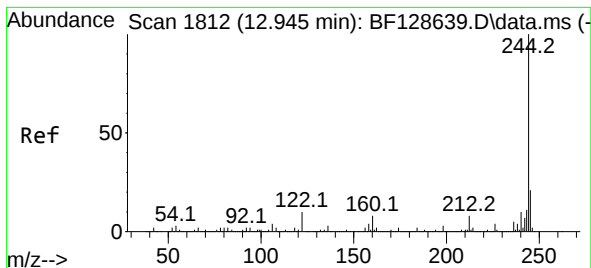
Tgt Ion:240 Resp: 167107
Ion Ratio Lower Upper
240 100
120 7.0 8.9 13.3#
236 26.6 20.8 31.2



#78
Pyrene
Concen: 3.044 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Tgt Ion:202 Resp: 37846
Ion Ratio Lower Upper
202 100
200 23.9 17.7 26.5
203 18.9 14.6 21.8





#79

Terphenyl-d14

Concen: 57.768 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF128686.D

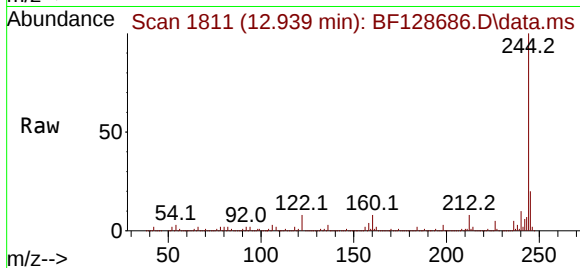
Acq: 03 Jun 2022 18:39

Instrument :

BNA_F

ClientSampleId :

20220426-AMENDED-COMPOSITE-FRX



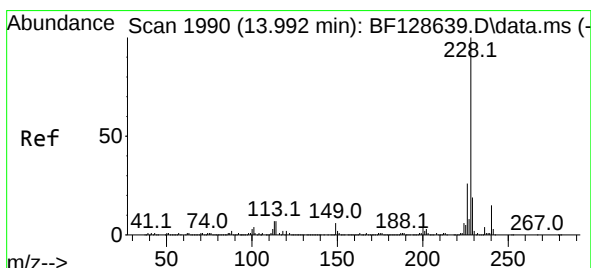
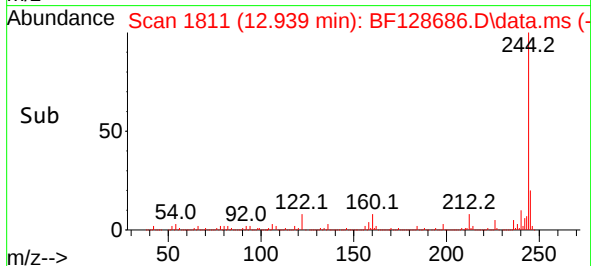
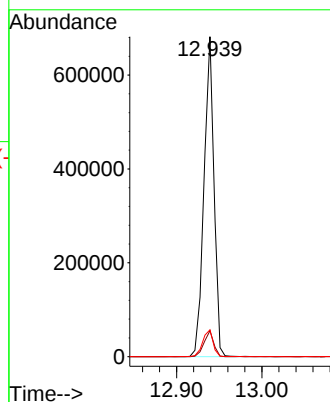
Tgt Ion:244 Resp: 555549

Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

122 8.4 8.8 13.2#



#81

Benzo(a)anthracene

Concen: 2.232 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.024 min

Lab File: BF128686.D

Acq: 03 Jun 2022 18:39

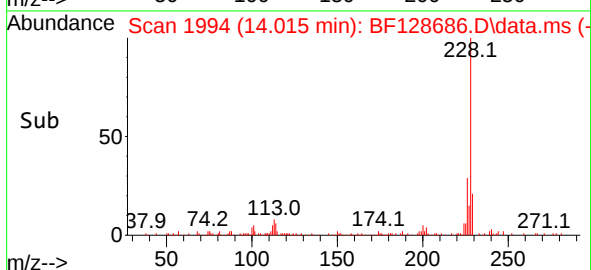
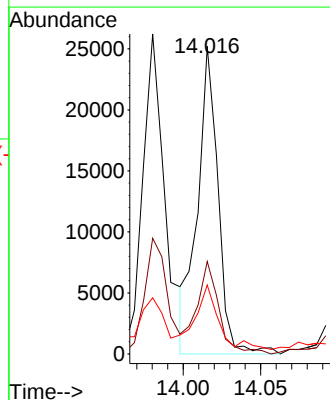
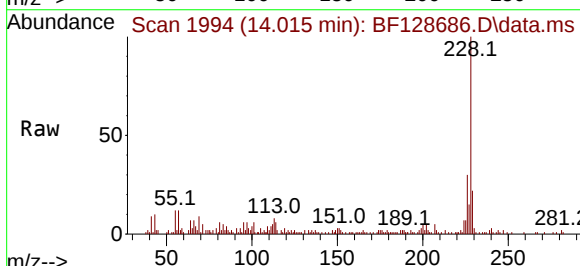
Tgt Ion:228 Resp: 23246

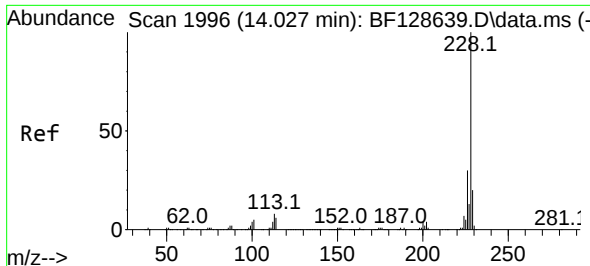
Ion Ratio Lower Upper

228 100

226 30.1 22.1 33.1

229 22.4 15.8 23.8

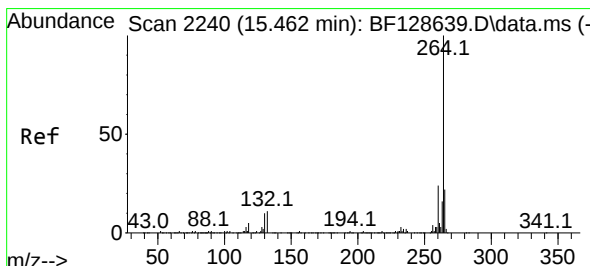
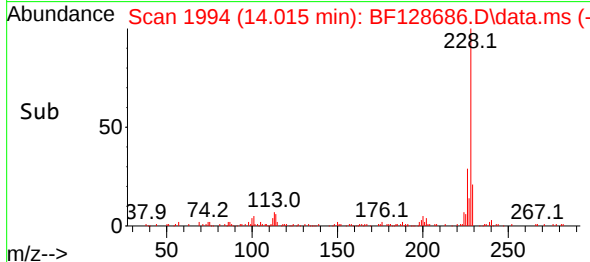
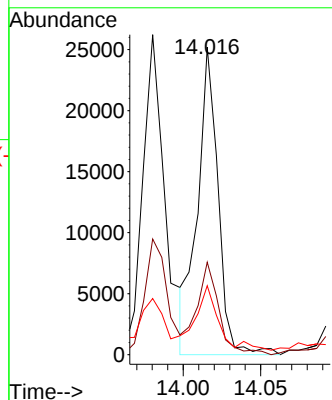
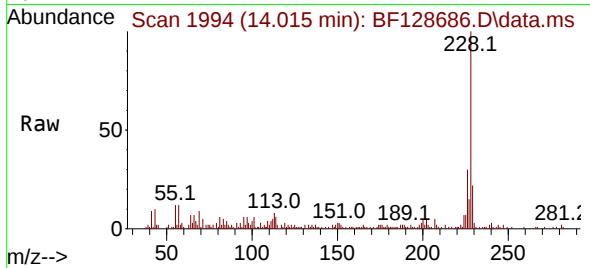




#83
Chrysene
Concen: 2.341 ng
RT: 14.015 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

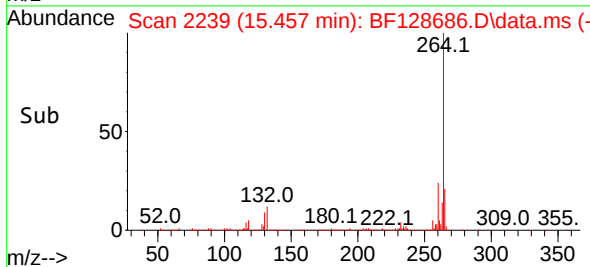
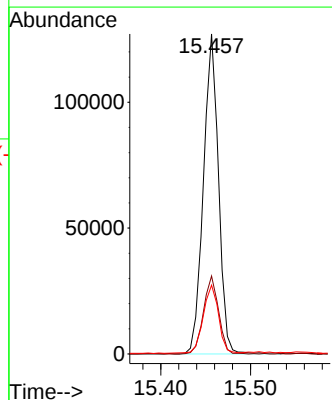
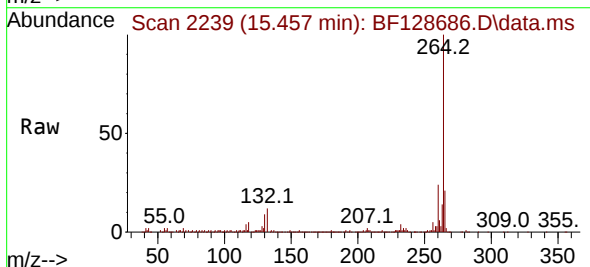
Instrument : BNA_F
ClientSampleId : 20220426-AMENDED-COMPOSITE-FRX

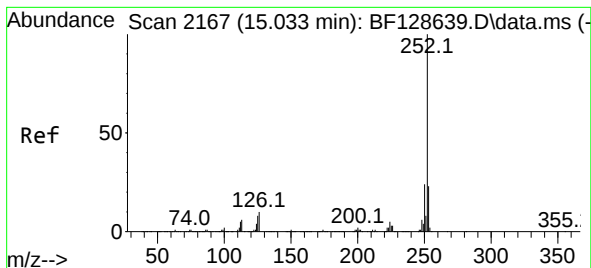
Tgt Ion:228	Resp:	23246
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.3 36.5
229	22.4	15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2239
Delta R.T. -0.005 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Tgt Ion:264	Resp:	148447
Ion Ratio	Lower	Upper
264	100	
260	24.4	18.4 27.6
265	21.5	17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.589 ng

RT: 15.027 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BF128686.D

Acq: 03 Jun 2022 18:39

Instrument :

BNA_F

ClientSampleId :

20220426-AMENDED-COMPOSITE-FRX

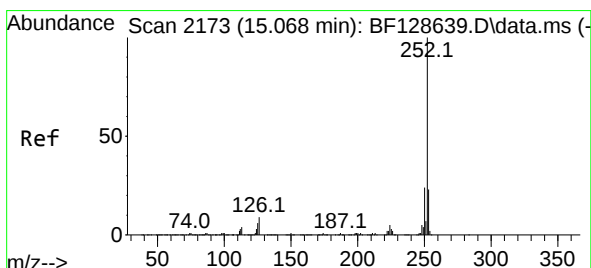
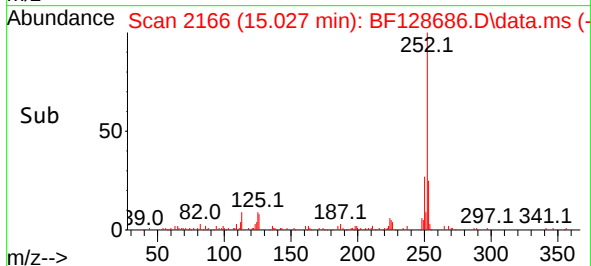
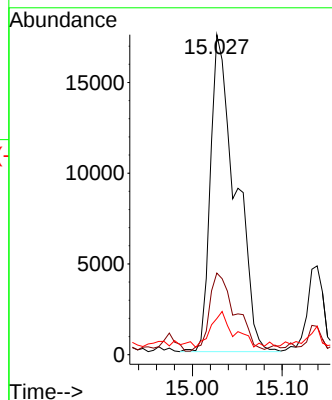
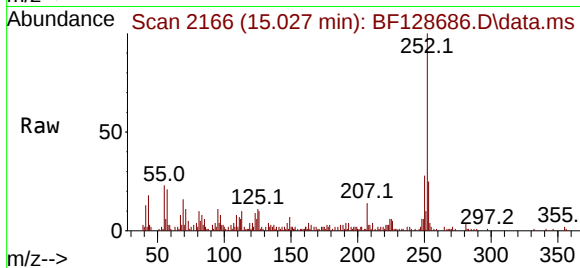
Tgt Ion:252 Resp: 34047

Ion Ratio Lower Upper

252 100

253 25.5 17.7 26.5

125 11.3 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 3.816 ng

RT: 15.027 min Scan# 2166

Delta R.T. -0.041 min

Lab File: BF128686.D

Acq: 03 Jun 2022 18:39

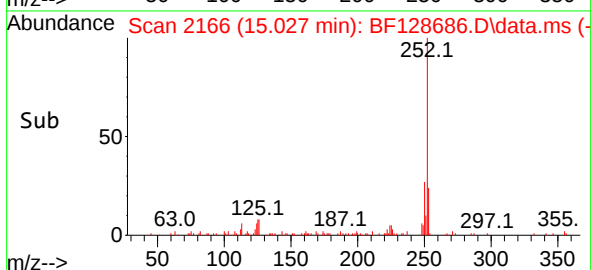
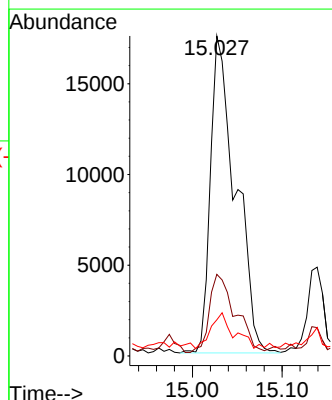
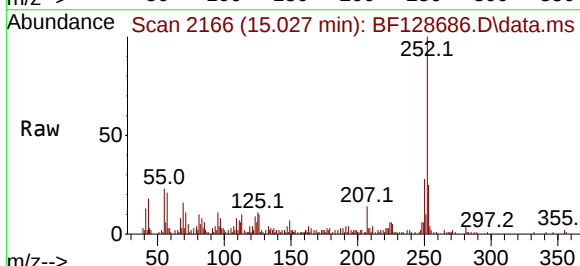
Tgt Ion:252 Resp: 34047

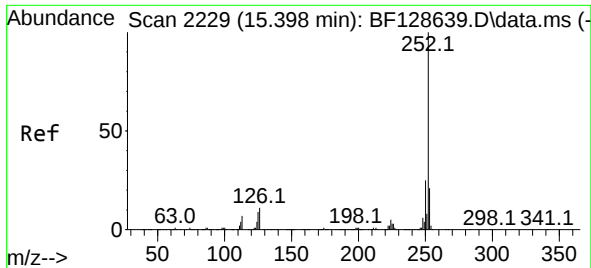
Ion Ratio Lower Upper

252 100

253 25.5 17.8 26.6

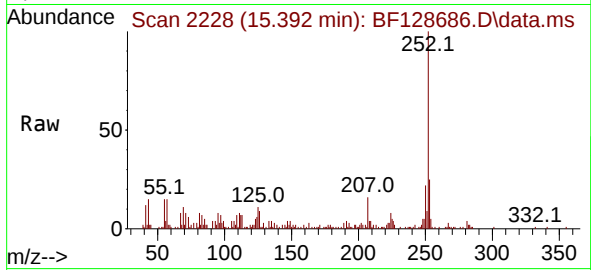
125 11.3 8.3 12.5





#90
Benzo(a)pyrene
Concen: 2.921 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128686.D
Acq: 03 Jun 2022 18:39

Instrument :
BNA_F
ClientSampleId :
20220426-AMENDED-COMPOSITE-FRX



Tgt Ion:252 Resp: 21780
Ion Ratio Lower Upper
252 100
253 25.0 17.0 25.6
125 11.4 8.8 13.2

