

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130188.D
 Acq On : 08 Sep 2022 20:26
 Operator : CG\JU
 Sample : N4534-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-E

Quant Time: Sep 09 01:09:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

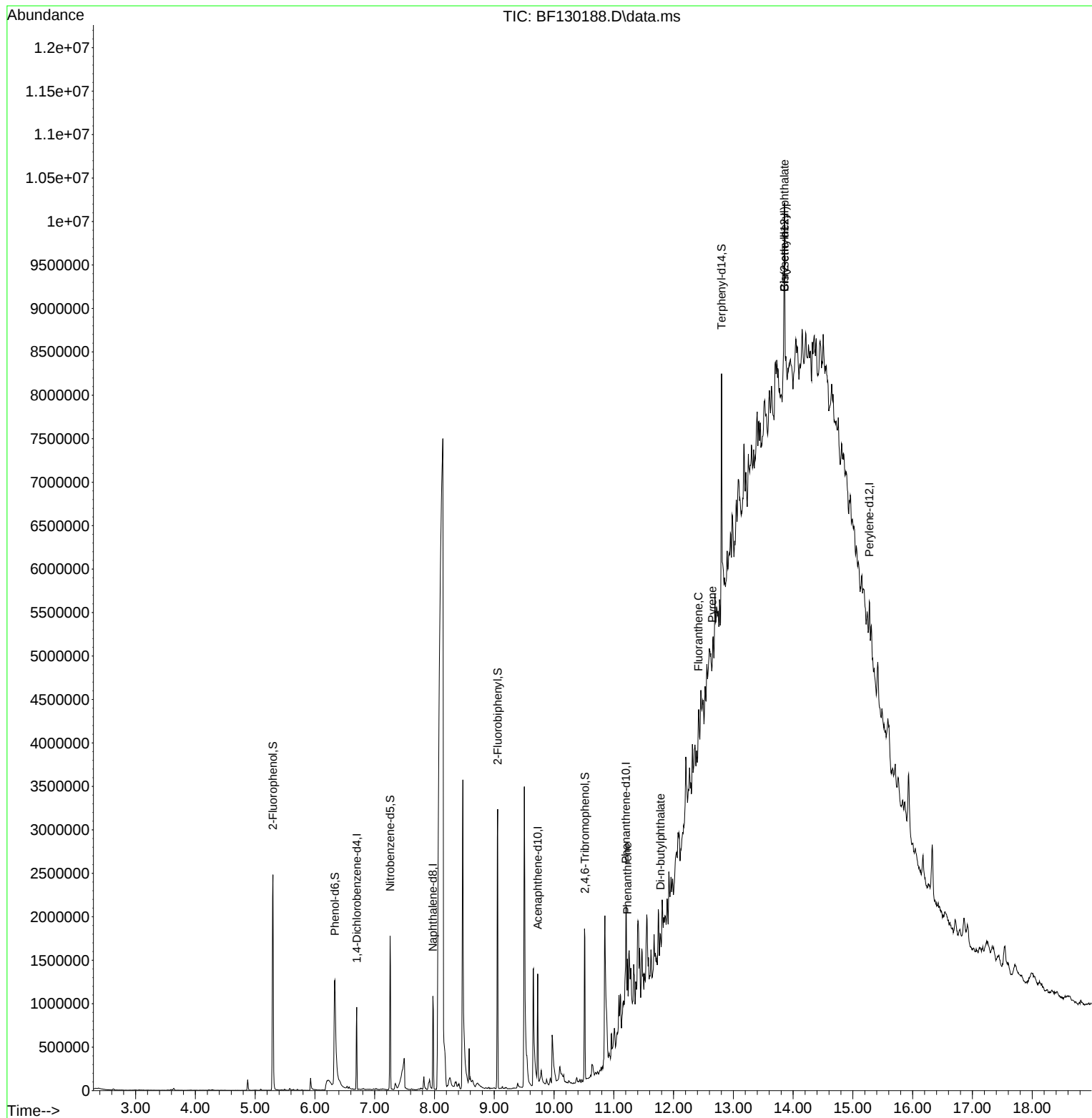
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	134336	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	460223	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	218987	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	368974	20.000	ng	# 0.00
76) Chrysene-d12	13.857	240	267561	20.000	ng	0.01
86) Perylene-d12	15.274	264	284904	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	809130	102.253	ng	0.00
7) Phenol-d6	6.334	99	958875	97.197	ng	0.00
23) Nitrobenzene-d5	7.257	82	551182	76.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	216003	108.360	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	952256	72.096	ng	0.00
79) Terphenyl-d14	12.804	244	1015737	65.832	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.227	178	51951	2.596	ng	97
74) Di-n-butylphthalate	11.780	149	56880	2.600	ng	# 94
75) Fluoranthene	12.416	202	51661	2.604	ng	84
78) Pyrene	12.645	202	55570	2.316	ng	# 88
84) Bis(2-ethylhexyl)phtha...	13.857	149	1062843	89.577	ng	# 95

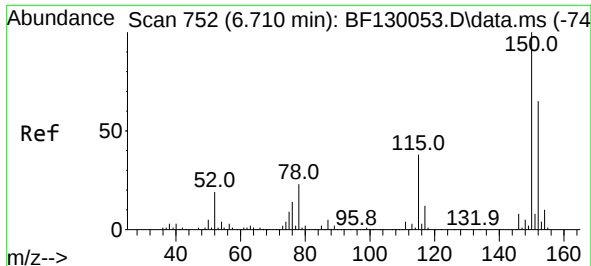
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

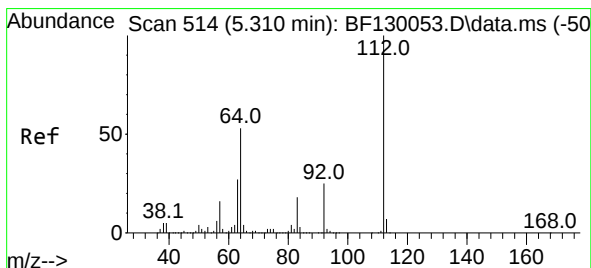
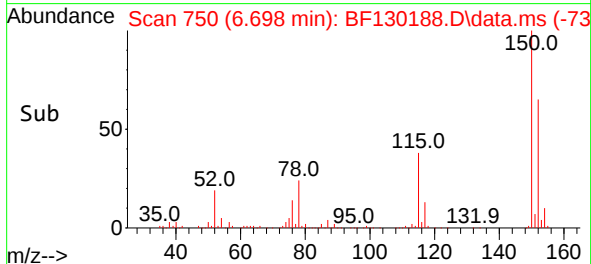
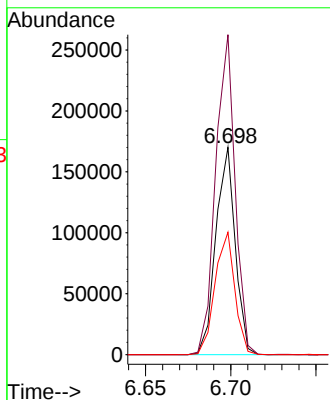
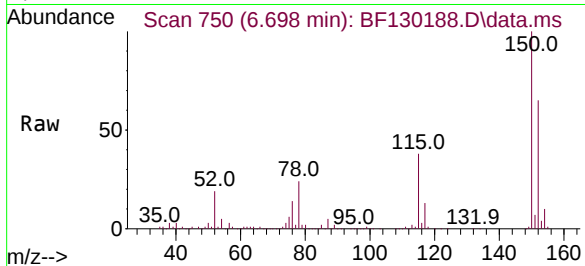




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130188.D
 Acq: 08 Sep 2022 20:26

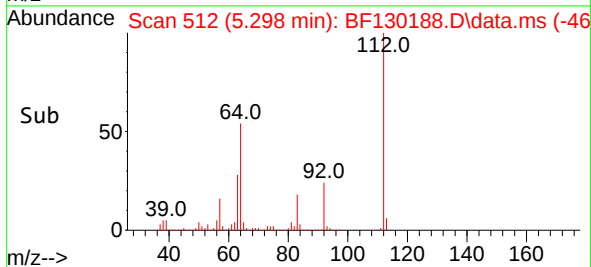
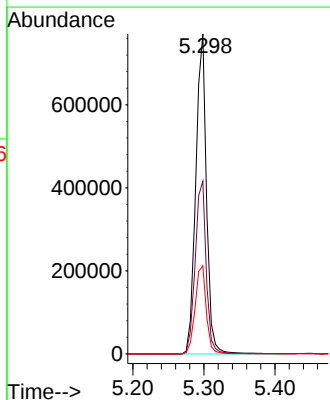
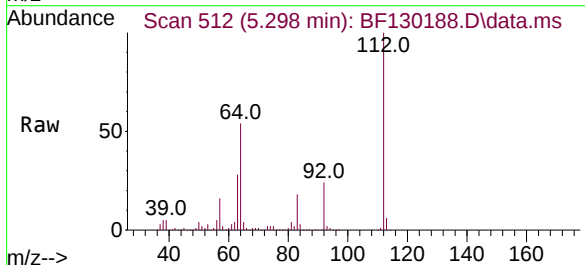
Instrument :
 BNA_F
 ClientSampleId :
 FL-E

Tgt Ion:152 Resp: 134336
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.9 190.3
 115 59.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 102.253 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130188.D
 Acq: 08 Sep 2022 20:26

Tgt Ion:112 Resp: 809130
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.6 71.4
 63 27.5 24.6 37.0

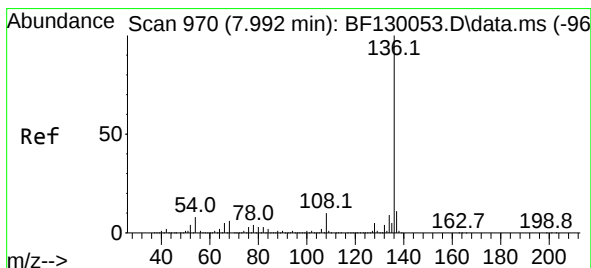
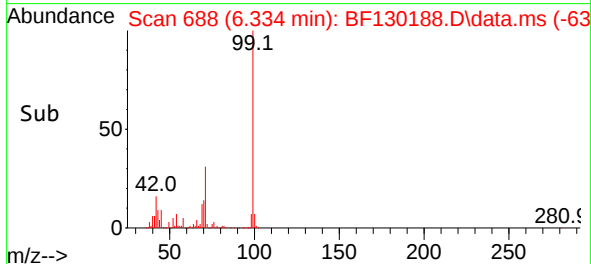
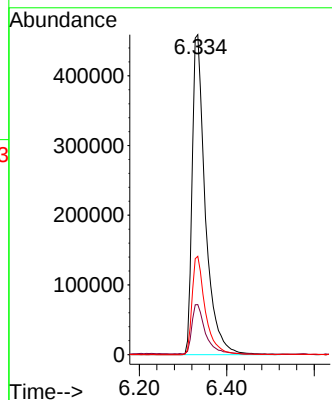
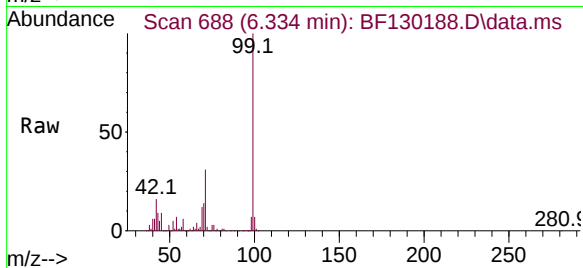




#7
Phenol-d6
Concen: 97.197 ng
RT: 6.334 min Scan# 68
Delta R.T. -0.000 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

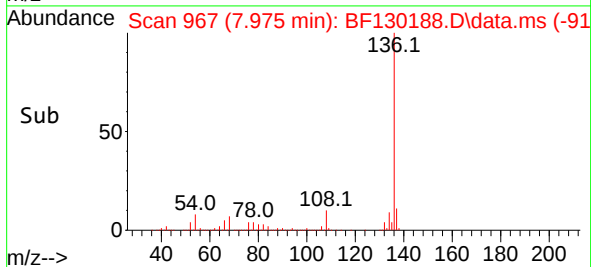
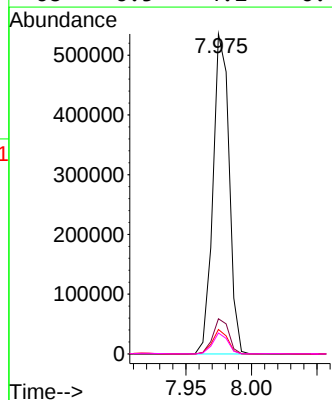
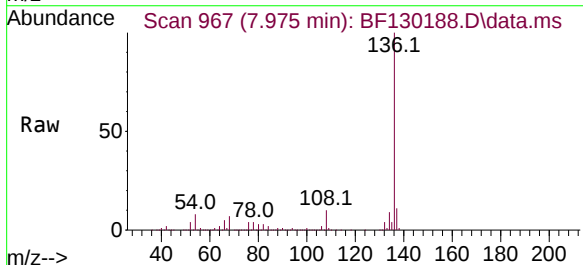
Instrument :
BNA_F
ClientSampleId :
FL-E

Tgt Ion: 99 Resp: 958875
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 30.7 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion: 136 Resp: 460223
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.6 6.2 9.2
68 6.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 76.968 ng

RT: 7.257 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

Instrument :

BNA_F

ClientSampleId :

FL-E

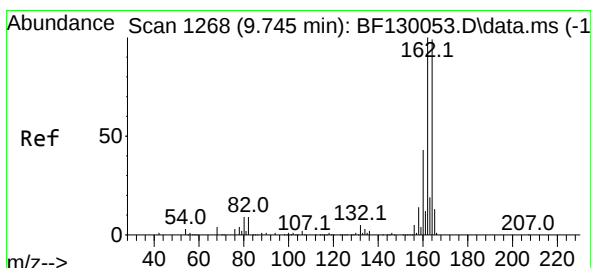
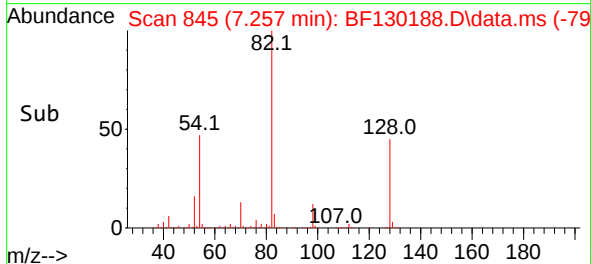
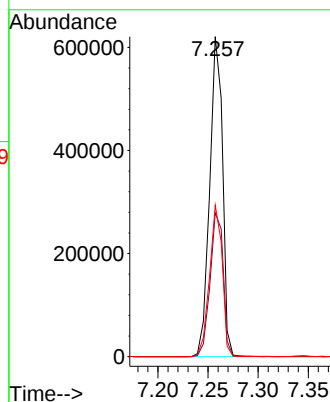
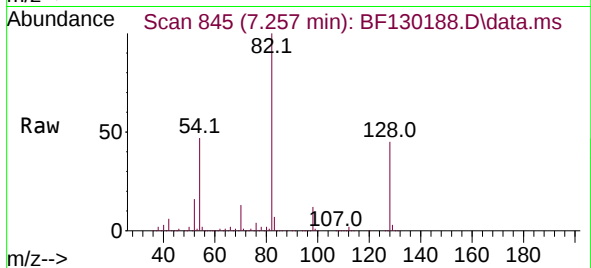
Tgt Ion: 82 Resp: 551182

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

54 47.3 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.728 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

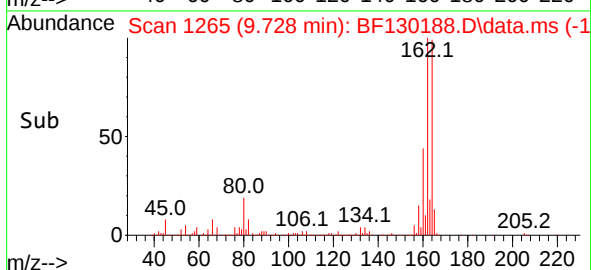
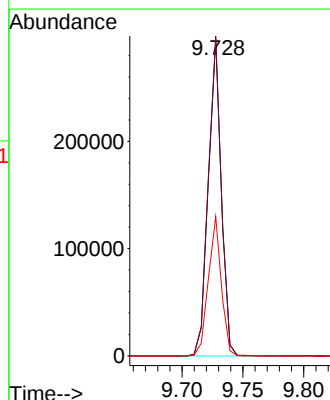
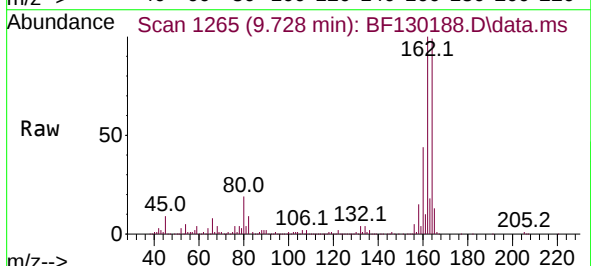
Tgt Ion:164 Resp: 218987

Ion Ratio Lower Upper

164 100

162 101.0 82.0 123.0

160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 108.360 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

Instrument :

BNA_F

ClientSampleId :

FL-E

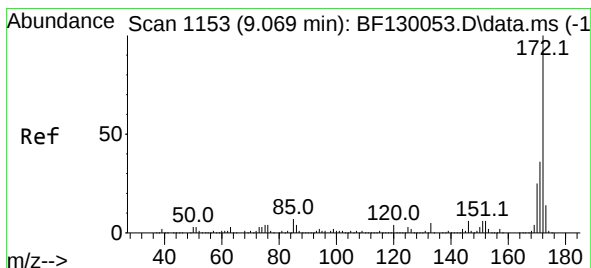
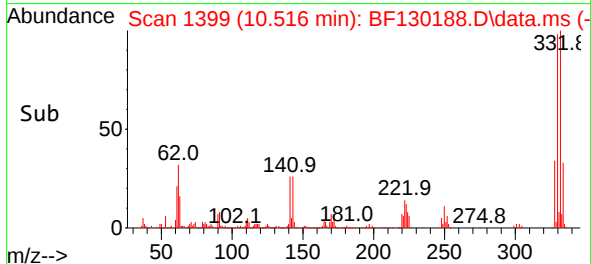
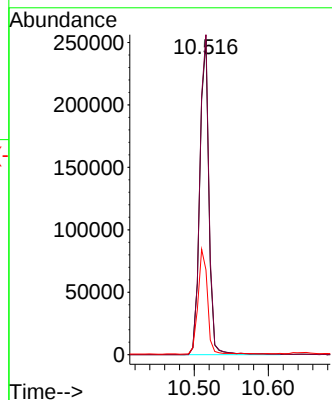
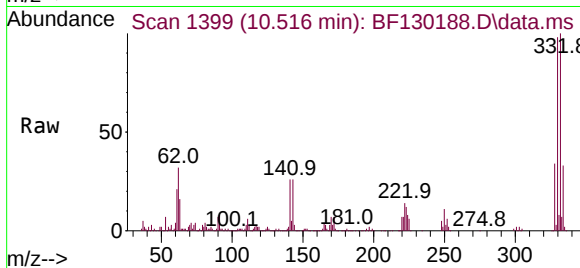
Tgt Ion:330 Resp: 216003

Ion Ratio Lower Upper

330 100

332 101.8 82.6 124.0

141 34.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 72.096 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130188.D

Acq: 08 Sep 2022 20:26

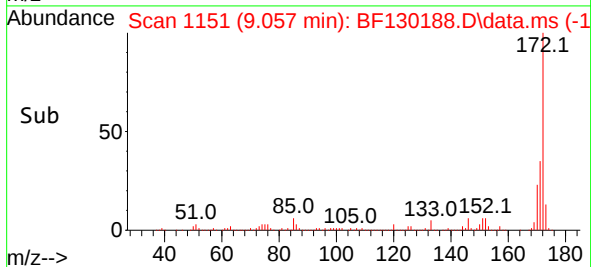
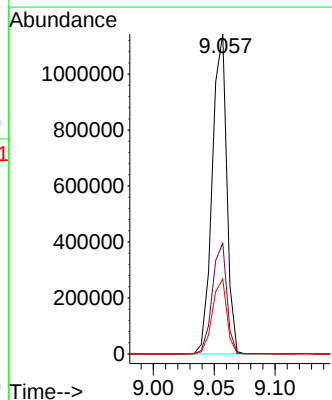
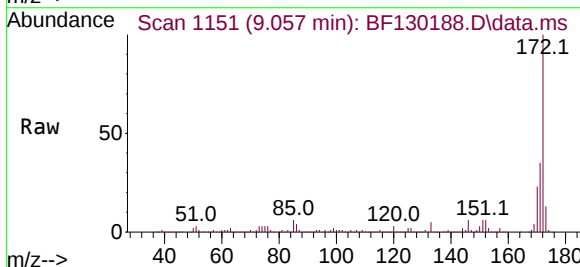
Tgt Ion:172 Resp: 952256

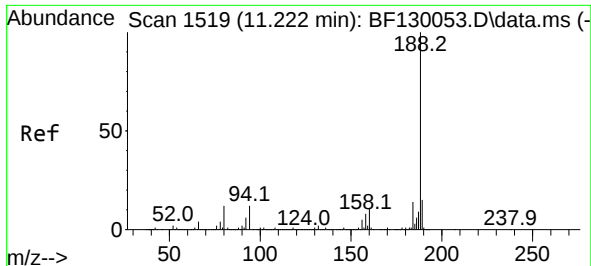
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.4 19.1 28.7

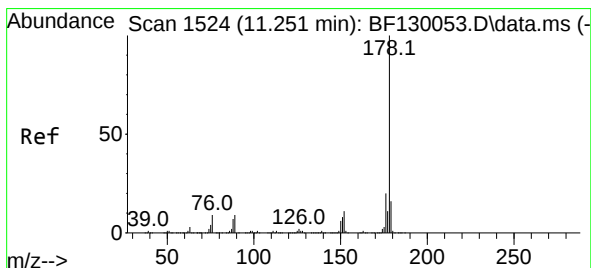
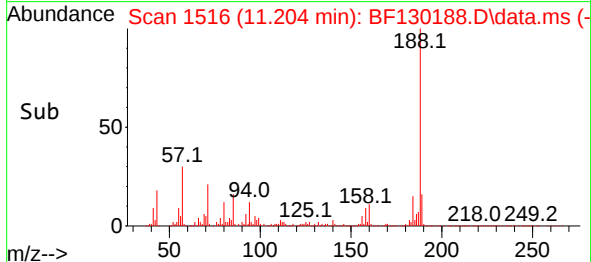
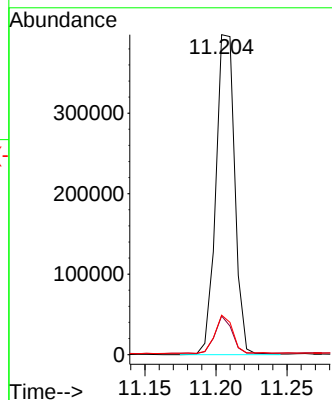
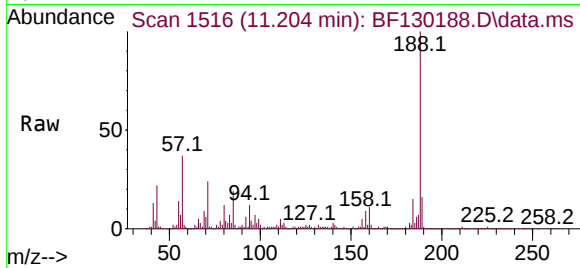




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

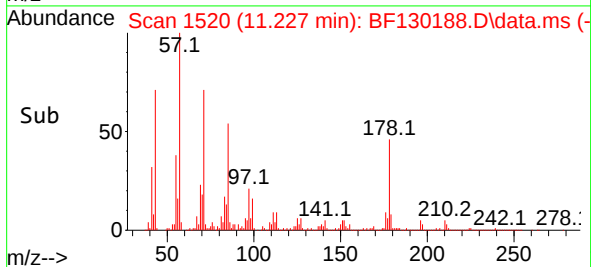
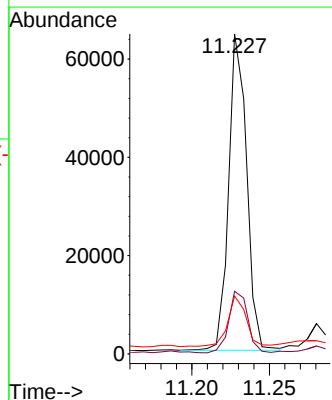
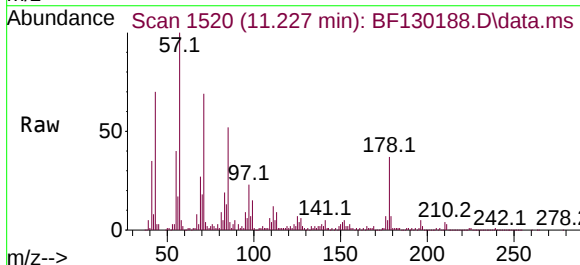
Instrument :
BNA_F
ClientSampleId :
FL-E

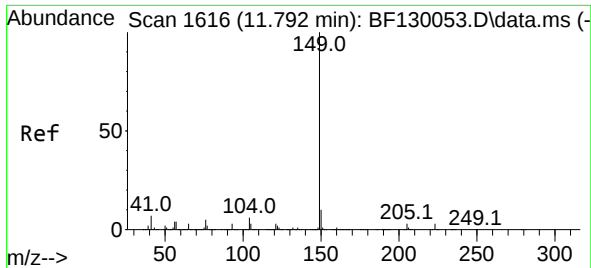
Tgt Ion:188 Resp: 368974
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.3 7.9 11.9#



#71
Phenanthrene
Concen: 2.596 ng
RT: 11.227 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion:178 Resp: 51951
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 18.1 12.5 18.7

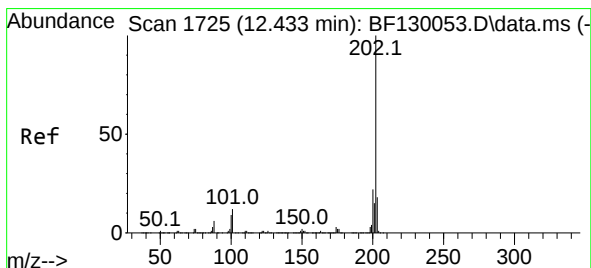
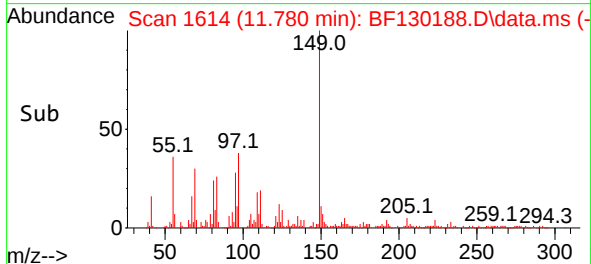
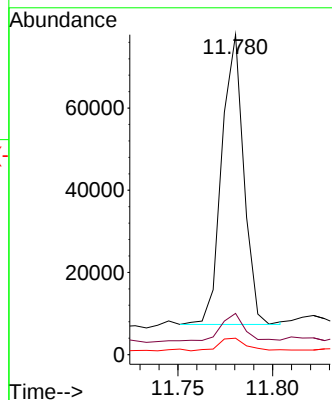
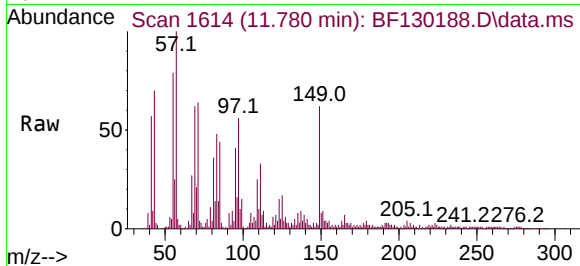




#74
Di-n-butylphthalate
Concen: 2.600 ng
RT: 11.780 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

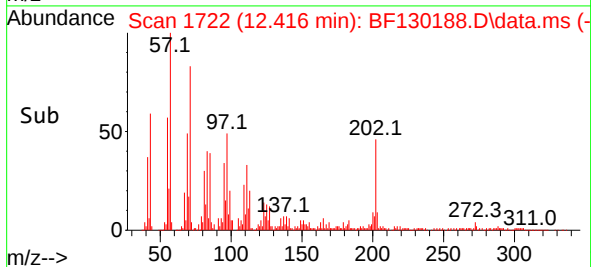
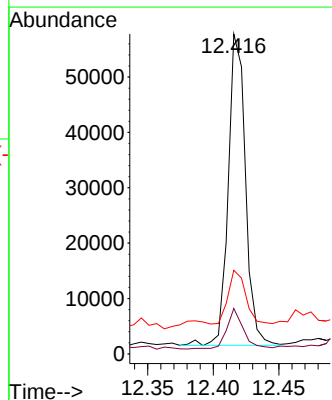
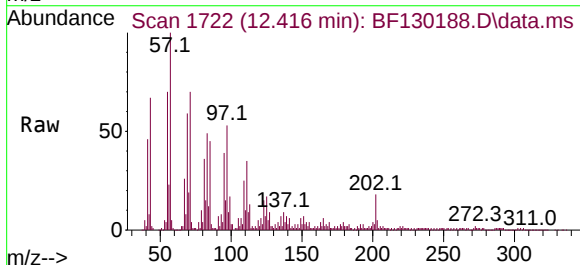
Instrument :
BNA_F
ClientSampleId :
FL-E

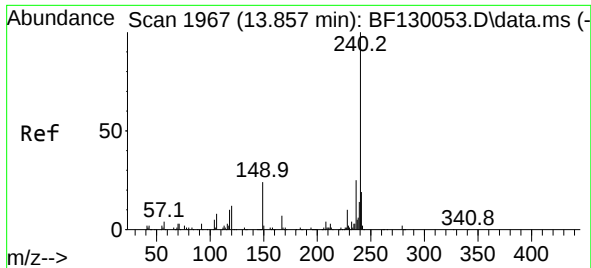
Tgt Ion:149 Resp: 56880
Ion Ratio Lower Upper
149 100
150 12.9 7.8 11.6#
104 5.1 4.2 6.4



#75
Fluoranthene
Concen: 2.604 ng
RT: 12.416 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion:202 Resp: 51661
Ion Ratio Lower Upper
202 100
101 14.2 0.0 30.7
203 26.1 0.0 37.5

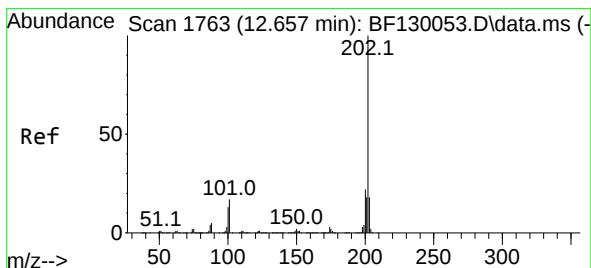
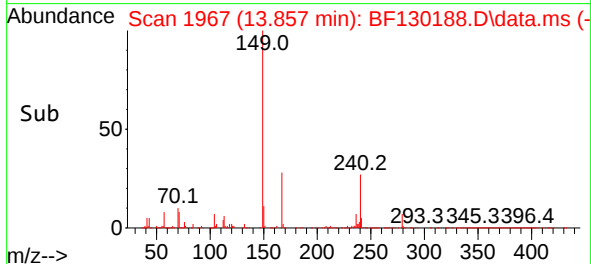
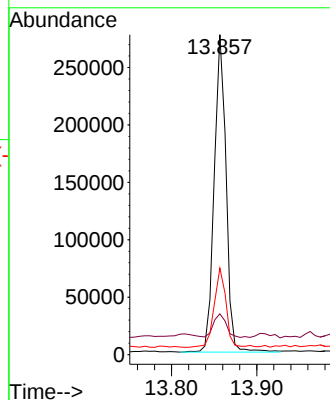
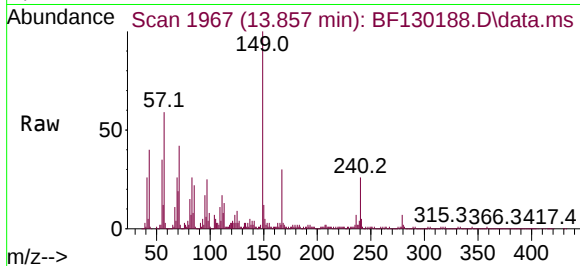




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.857 min Scan# 1967
Delta R.T. 0.012 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

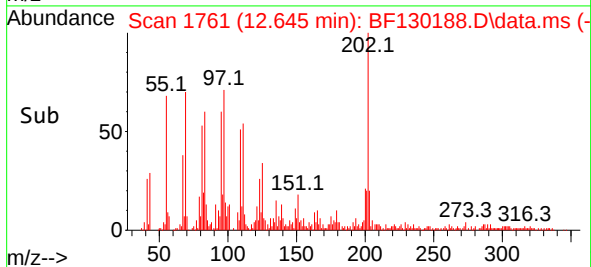
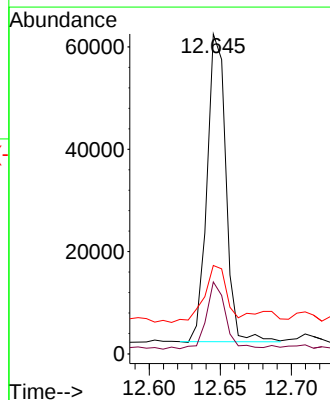
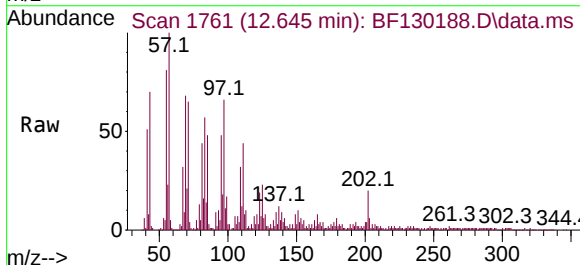
Instrument :
BNA_F
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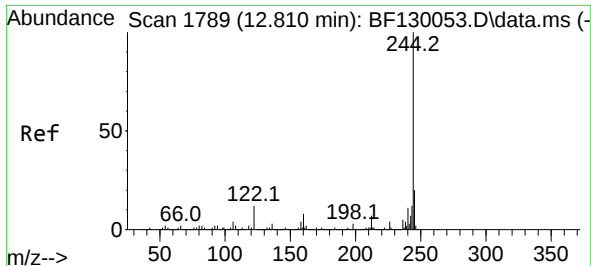
Tgt Ion:240 Resp: 267561
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 27.0 20.7 31.1



#78
Pyrene
Concen: 2.316 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Tgt Ion:202 Resp: 55570
Ion Ratio Lower Upper
202 100
200 22.5 17.0 25.6
203 27.6 14.1 21.1#

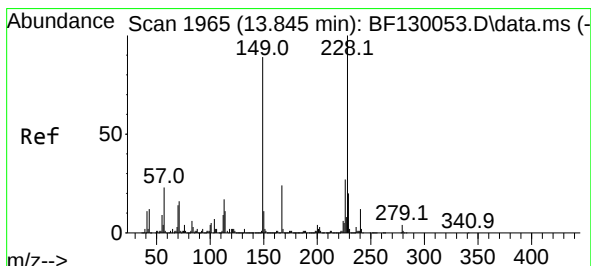
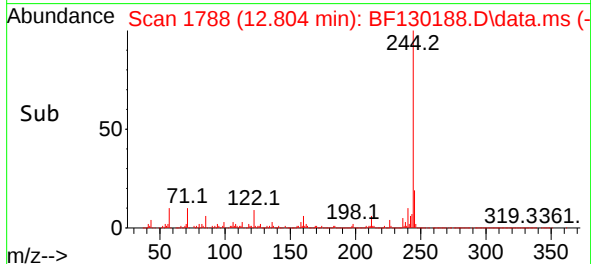
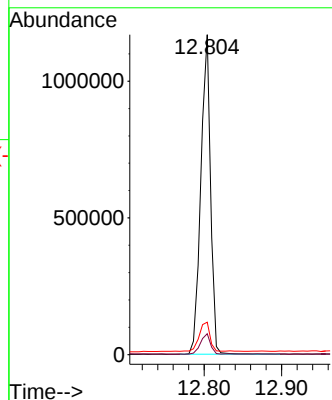
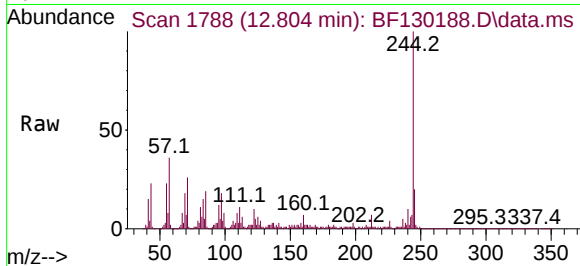




#79
 Terphenyl-d14
 Concen: 65.832 ng
 RT: 12.804 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: BF130188.D
 Acq: 08 Sep 2022 20:26

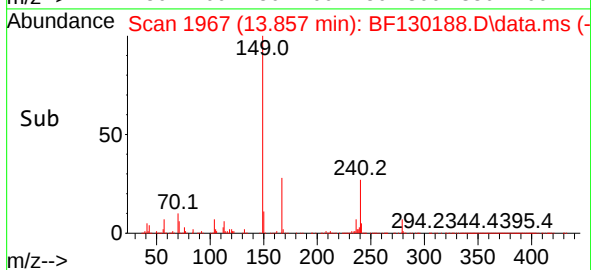
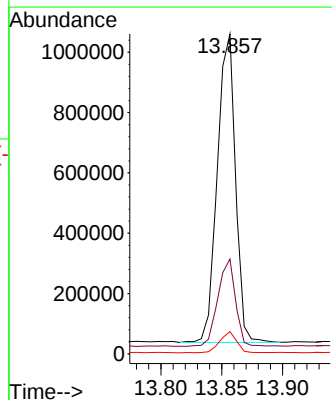
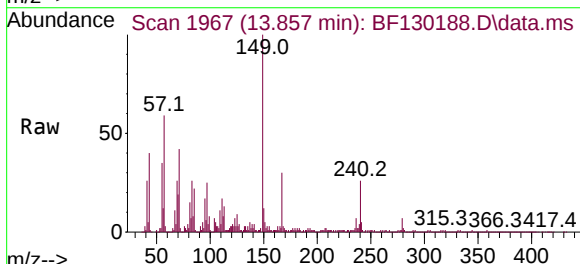
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 BNA_F
 ClientSampleId :
 FL-E

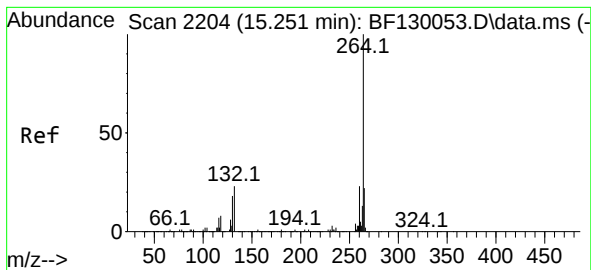
Tgt Ion:244 Resp: 1015737
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 10.1 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 89.577 ng
 RT: 13.857 min Scan# 1967
 Delta R.T. 0.023 min
 Lab File: BF130188.D
 Acq: 08 Sep 2022 20:26

Tgt Ion:149 Resp: 1062843
 Ion Ratio Lower Upper
 149 100
 167 29.6 22.0 33.0
 279 7.0 3.6 5.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.274 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF130188.D
Acq: 08 Sep 2022 20:26

Instrument :
BNA_F
ClientSampleId :
FL-E

Tgt Ion:264 Resp: 284904
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 23.4 16.7 25.1

