

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121220.D
 Acq On : 7 Aug 2020 00:13
 Operator : JU/CG
 Sample : L3575-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-016

Quant Time: Aug 07 04:19:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

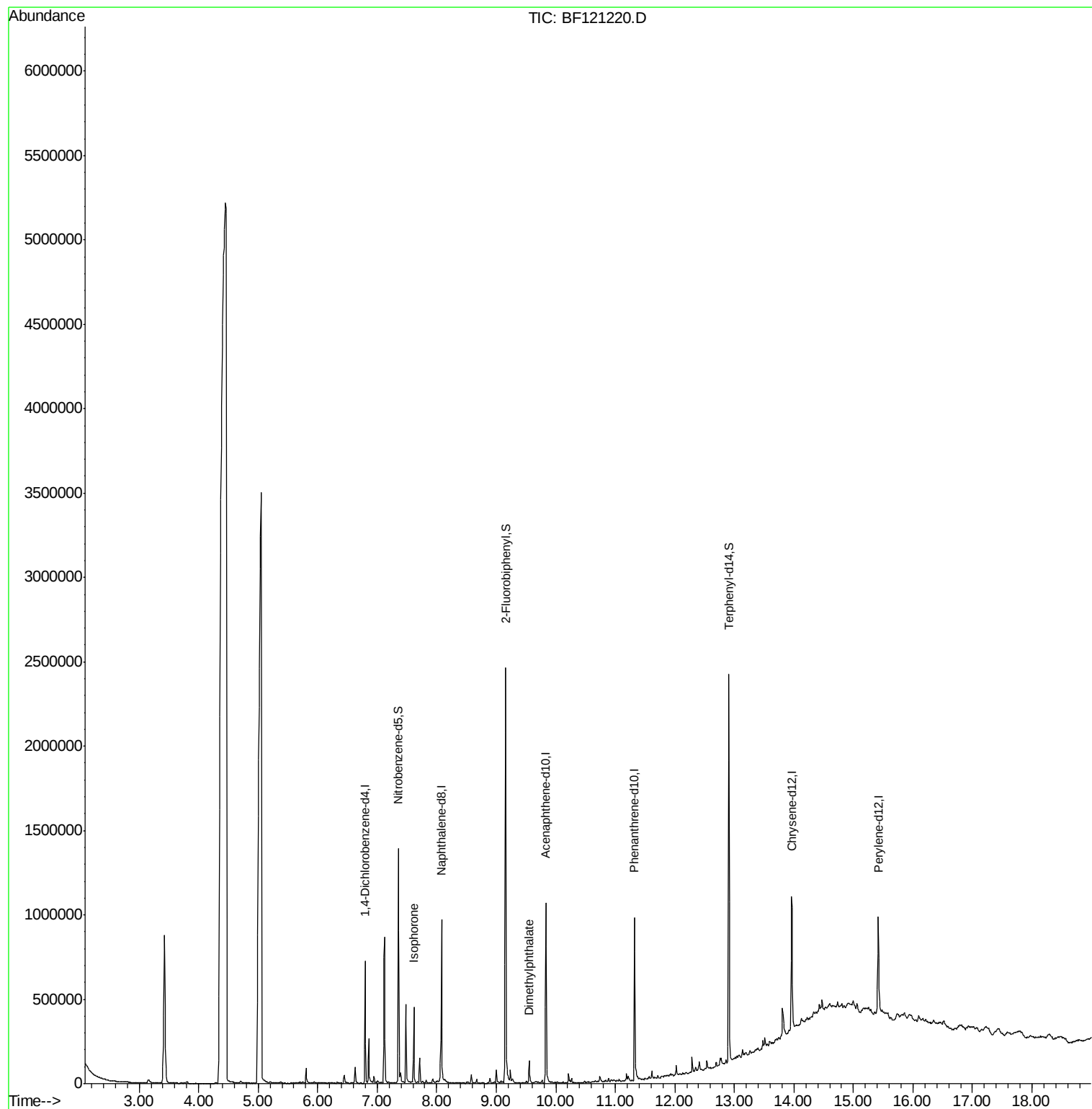
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122535	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	474662	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	234707	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	407081	20.00	ng	0.00
76) Chrysene-d12	13.96	240	320104	20.00	ng	0.00
86) Perylene-d12	15.42	264	297205	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.45	99	10323	1.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	431248	52.57	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.16	172	878181	55.86	ng	0.00
79) Terphenyl-d14	12.91	244	737116	50.06	ng	0.00
Target Compounds						
25) Isophorone	7.62	82	192758	11.774	ng	98
50) Dimethylphthalate	9.55	163	71543	4.225	ng	100

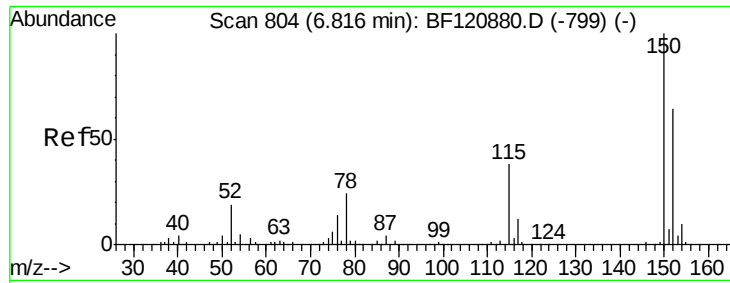
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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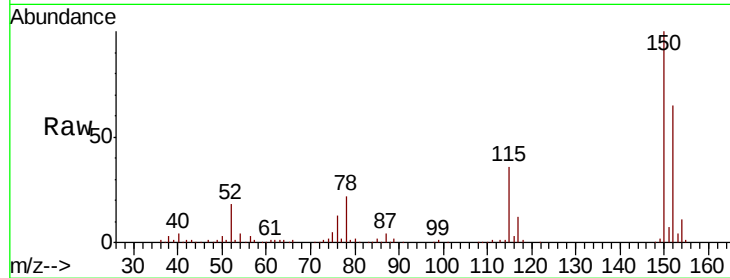


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121220.D
Acq: 7 Aug 2020 00:13

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-016

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.6	188.4
115	55.0	46.2	69.2

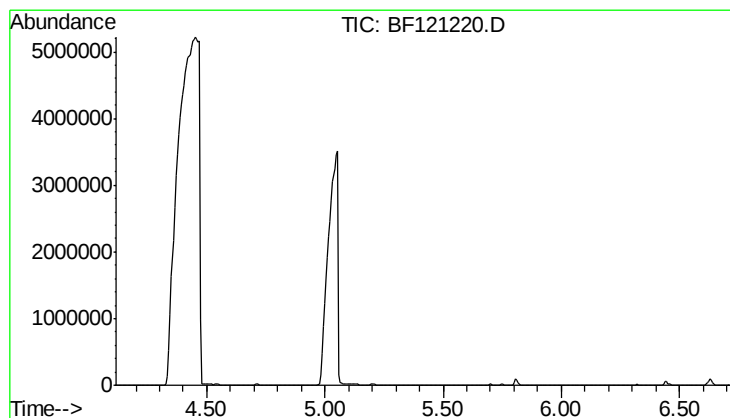
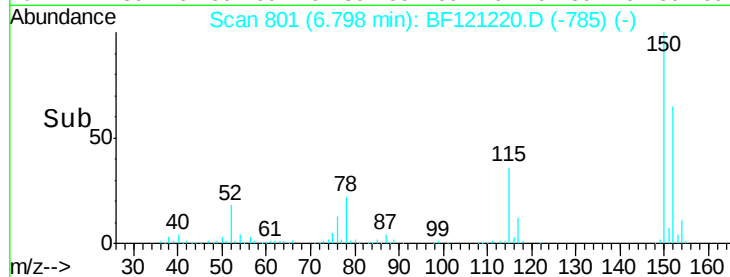
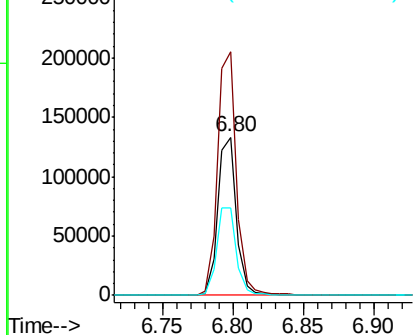


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

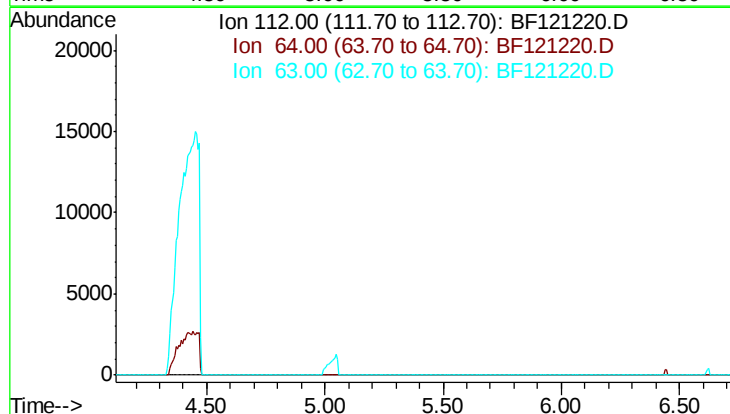


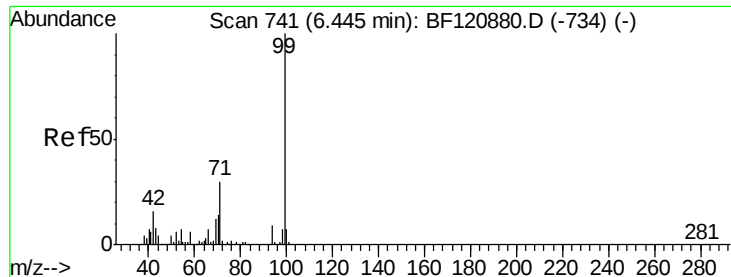
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.42 min

Lab File: BF121220.D
Acq: 7 Aug 2020 00:13

Tgt Ion	Sig	Exp Ratio
112	100	
64	54.9	
63	28.4	





#7

Phenol-d6

Concen: 1.069 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016

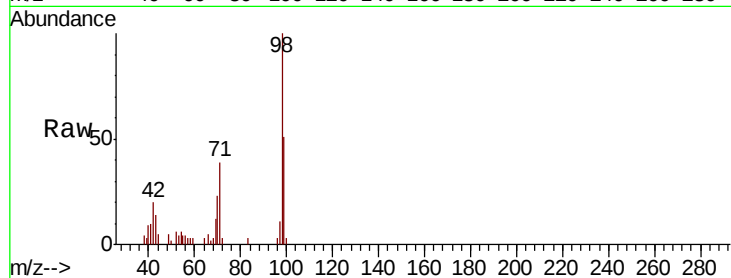
Tot Ion: 99 Resp: 10323

Ion Ratio Lower Upper

99 100

42 38.2 13.5 20.3#

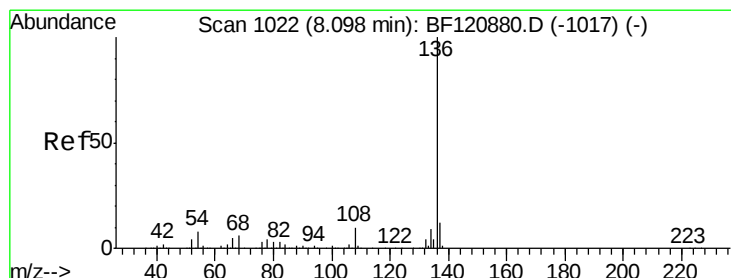
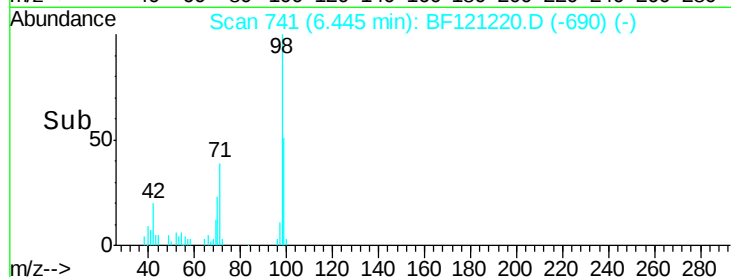
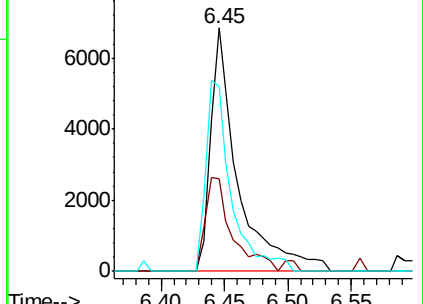
71 76.1 25.0 37.4#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Tgt Ion: 136 Resp: 474662

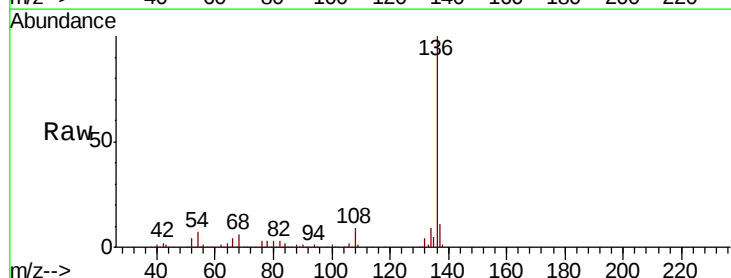
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.9 6.1 9.1

68 5.8 5.0 7.6

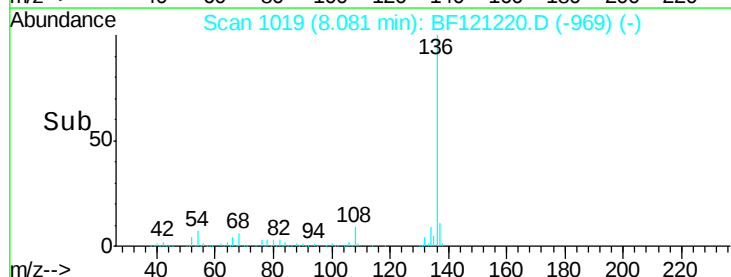
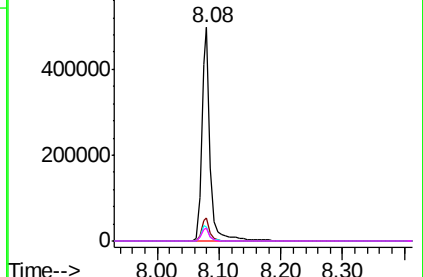


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

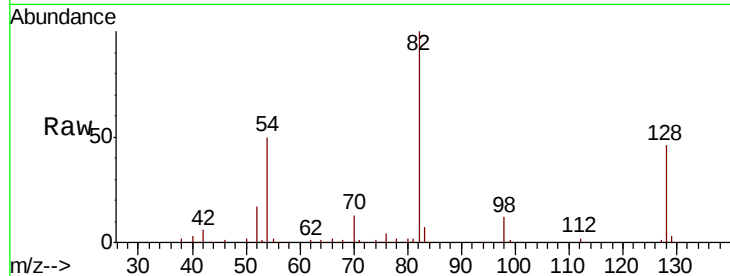




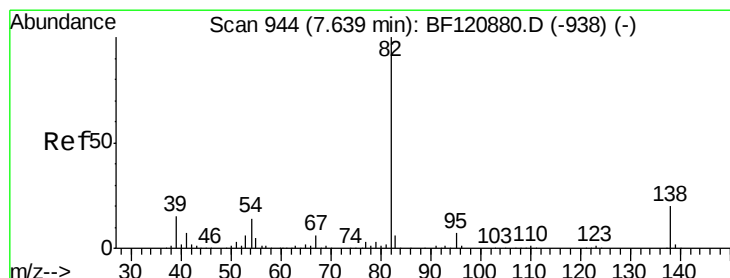
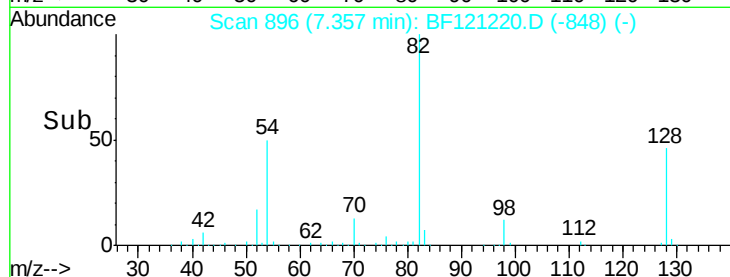
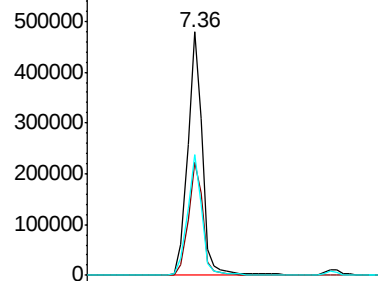
#23
Nitrobenzene-d5
Concen: 52.571 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121220.D
Acq: 7 Aug 2020 00:13

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-016

Tot Ion: 82 Resp: 431248
Ion Ratio Lower Upper
82 100
128 46.5 39.2 58.8
54 49.7 37.8 56.8

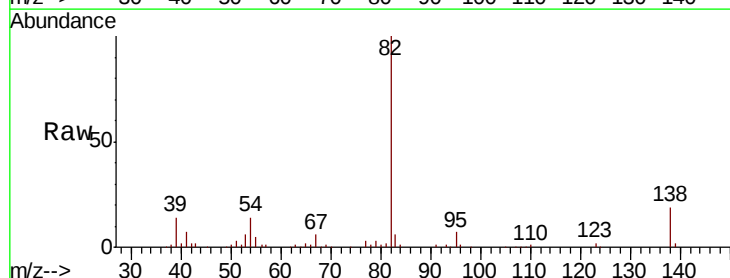


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

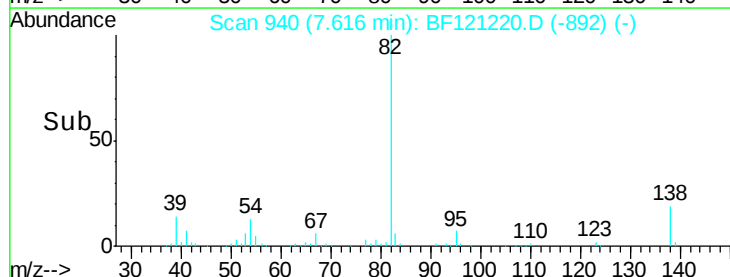
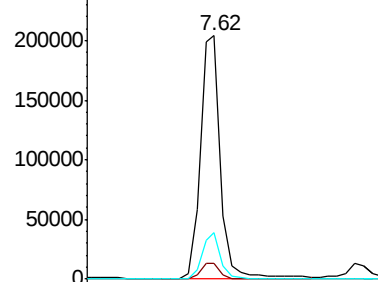


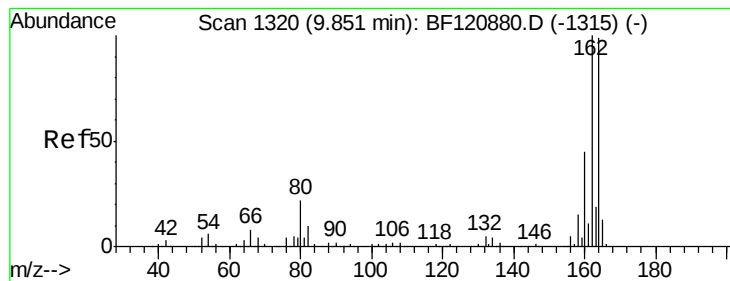
#25
Isophorone
Concen: 11.774 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF121220.D
Acq: 7 Aug 2020 00:13

Tgt Ion: 82 Resp: 192758
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 19.0 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016

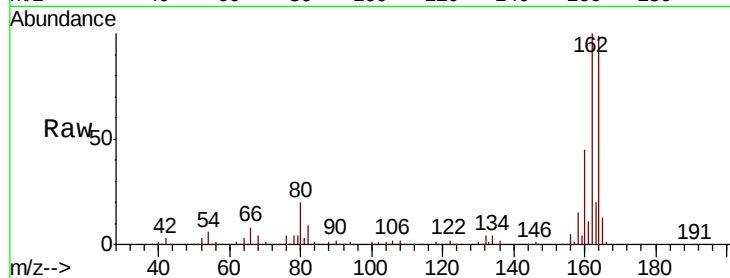
Tot Ion:164 Resp: 234707

Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.2

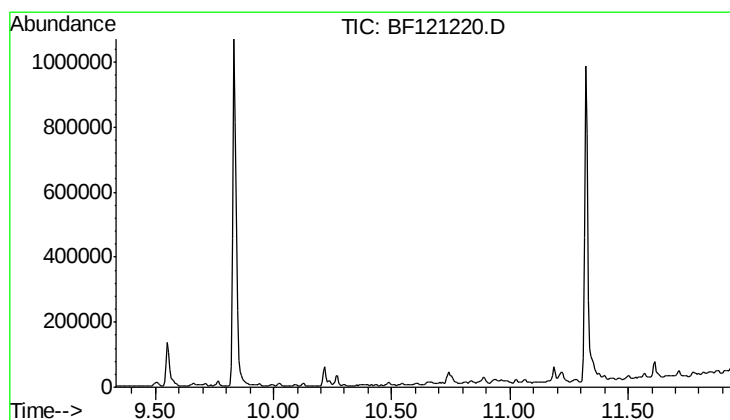
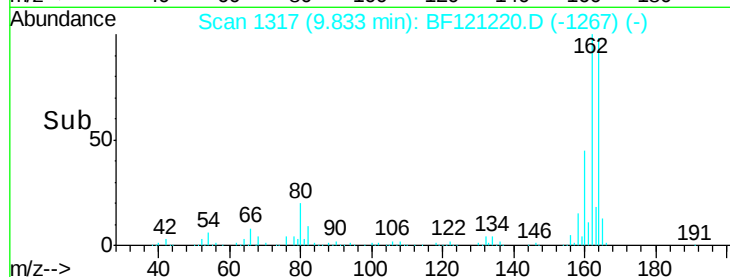
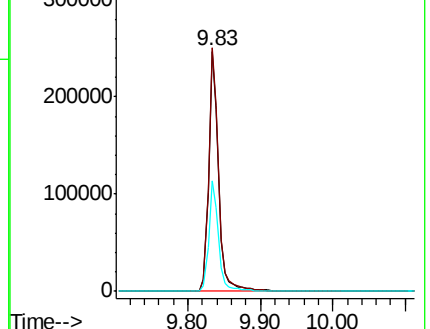
160 45.8 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.63 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

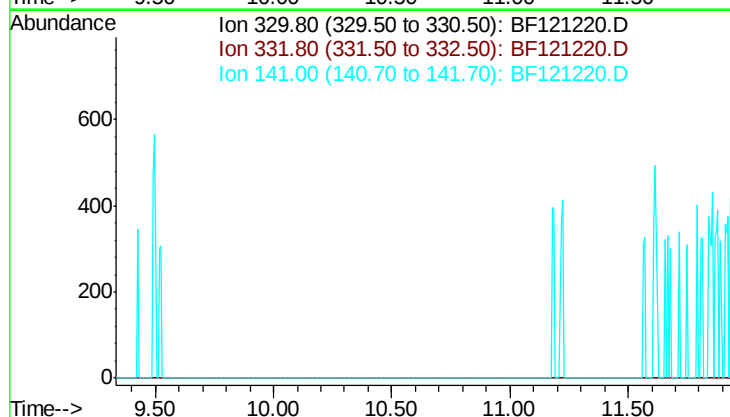
Tgt Ion: 330

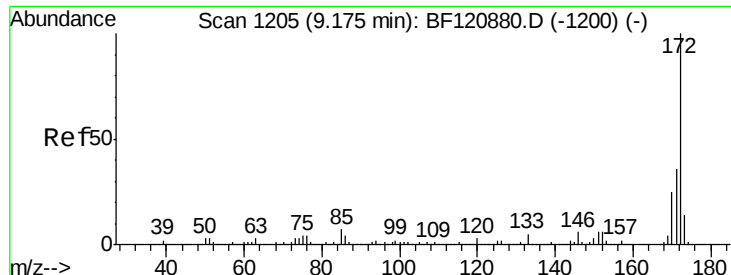
Sig Exp Ratio

330 100

332 95.1

141 30.1

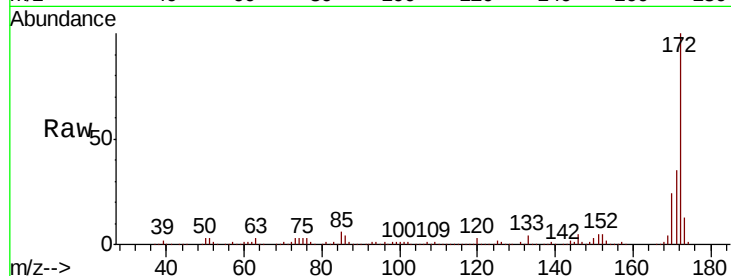




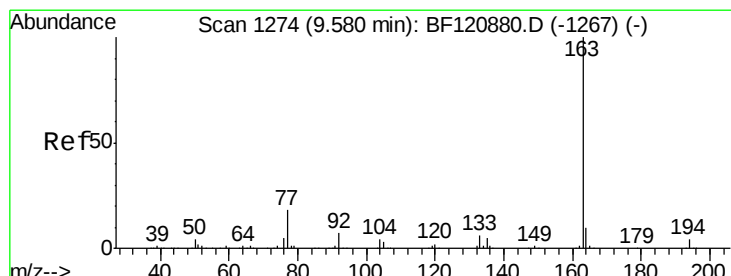
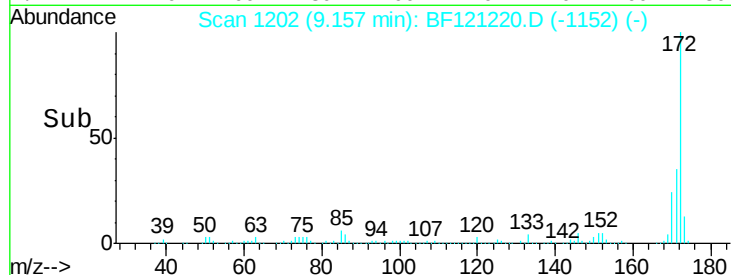
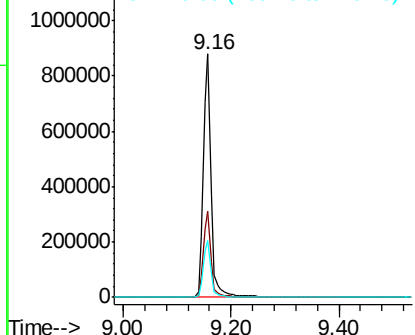
#45
 2-Fluorobiphenyl
 Concen: 55.864 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121220.D
 Acq: 7 Aug 2020 00:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-016

Tot Ion:172 Resp: 878181
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.4
 170 23.5 19.6 29.4

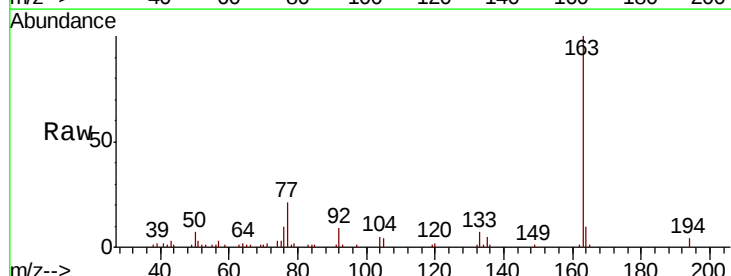


Abundance Ion 172.00 (171.70 to 172.70): E
 1200000 Ion 171.00 (170.70 to 171.70): E
 1000000 Ion 170.00 (169.70 to 170.70): E

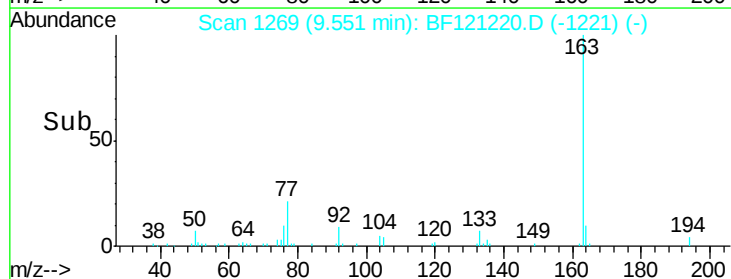
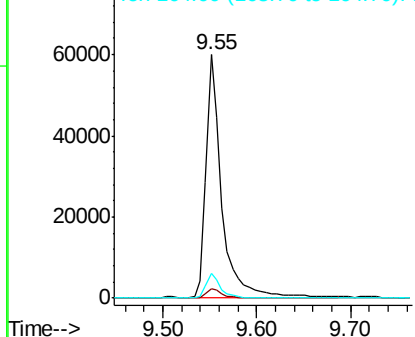


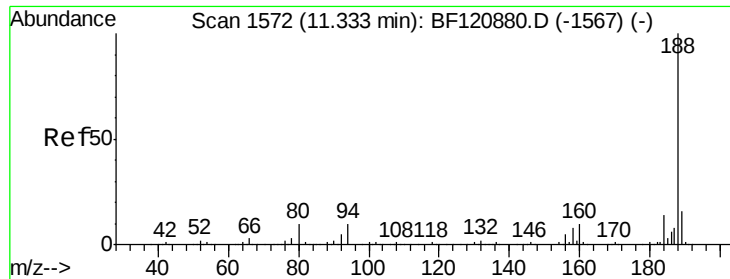
#50
 Dimethylphthalate
 Concen: 4.225 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BF121220.D
 Acq: 7 Aug 2020 00:13

Tgt Ion:163 Resp: 71543
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.4
 164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 80000 Ion 194.00 (193.70 to 194.70): E
 60000 Ion 164.00 (163.70 to 164.70): E

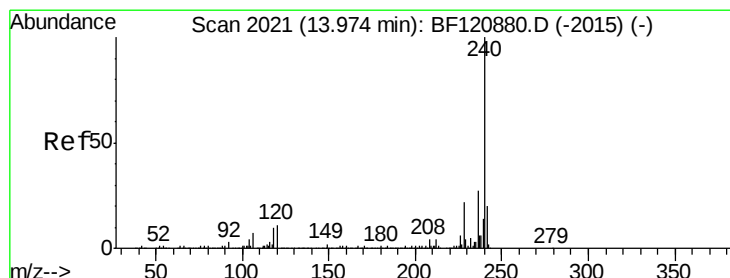
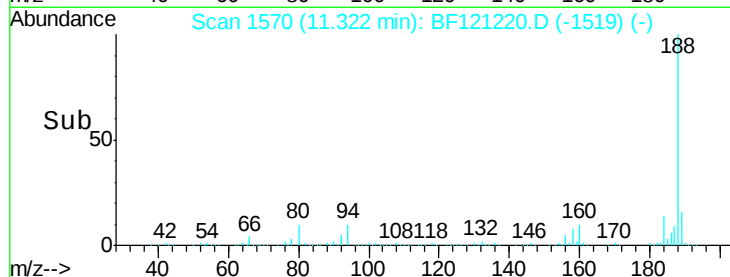
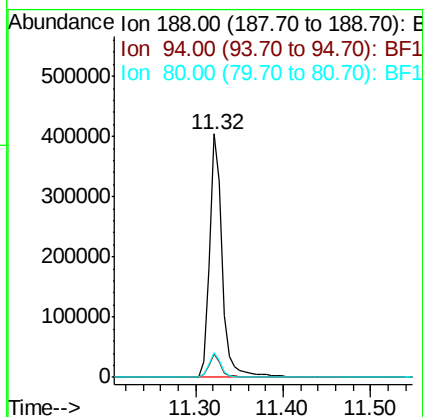
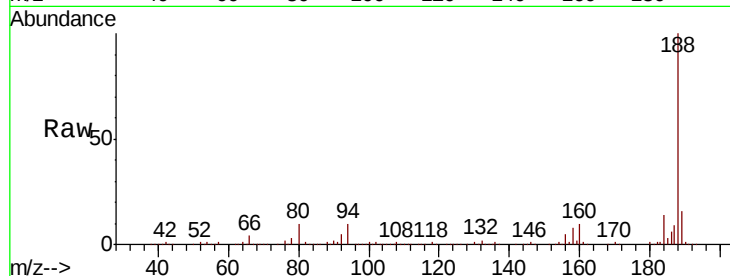




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121220.D
Acq: 7 Aug 2020 00:13

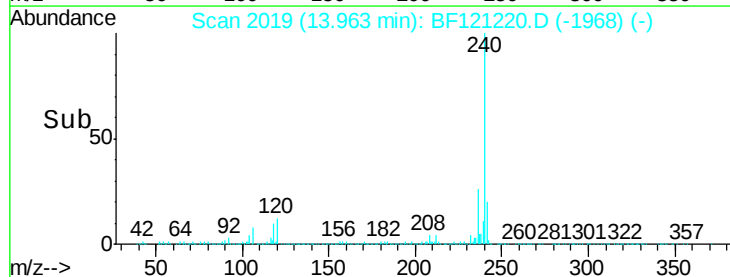
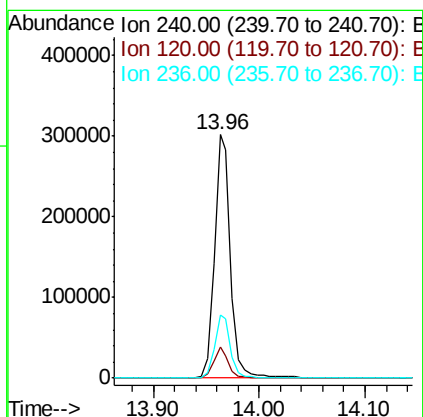
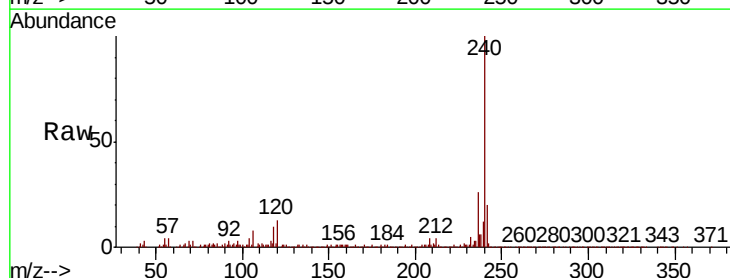
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-016

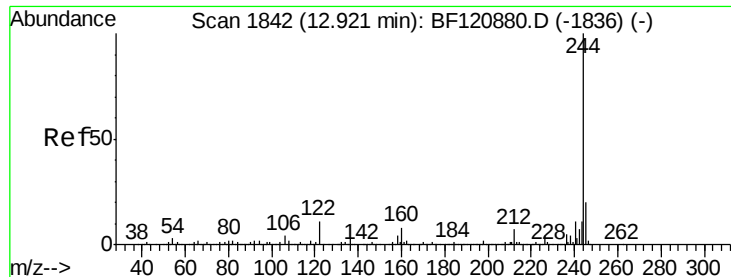
Tot Ion:188 Resp: 407081
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.4 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121220.D
Acq: 7 Aug 2020 00:13

Tgt Ion:240 Resp: 320104
Ion Ratio Lower Upper
240 100
120 12.6 9.3 13.9
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 50.057 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016

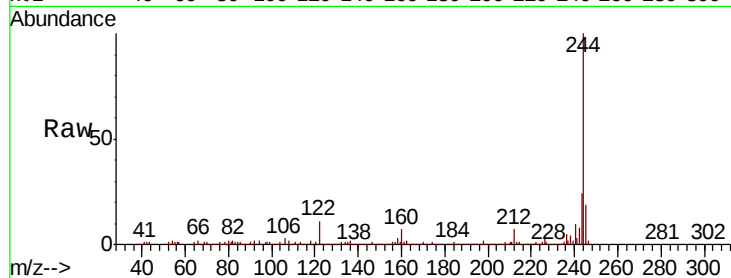
Tot Ion:244 Resp: 737116

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

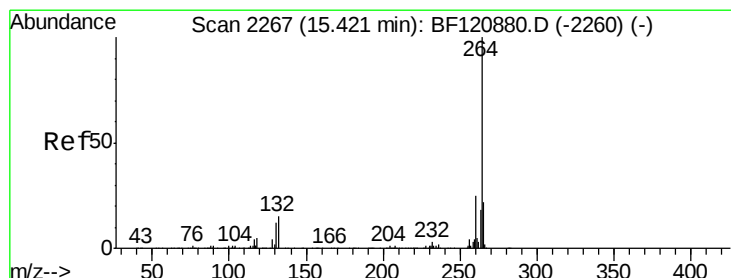
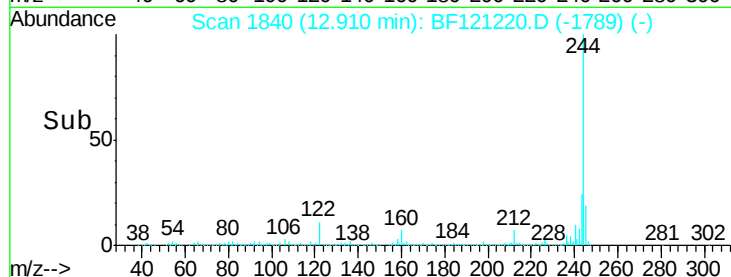
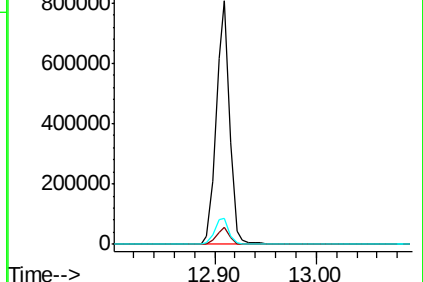
122 10.8 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

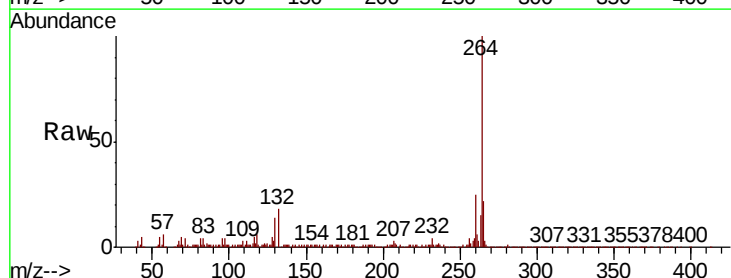
Tgt Ion:264 Resp: 297205

Ion Ratio Lower Upper

264 100

260 24.8 19.9 29.9

265 21.7 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

