

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121026.D
 Acq On : 27 Jul 2020 11:51
 Operator : JU/CG
 Sample : PB130443BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BL

Quant Time: Jul 27 12:33:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	158940	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	601323	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	305362	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	599396	20.00	ng	0.00
76) Chrysene-d12	13.97	240	483091	20.00	ng	0.00
86) Perylene-d12	15.42	264	438163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1149568	118.57	ng	0.02
7) Phenol-d6	6.45	99	1384232	110.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	880400	84.72	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	429207	128.41	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1678735	82.08	ng	0.00
79) Terphenyl-d14	12.92	244	1636593	73.64	ng	0.00

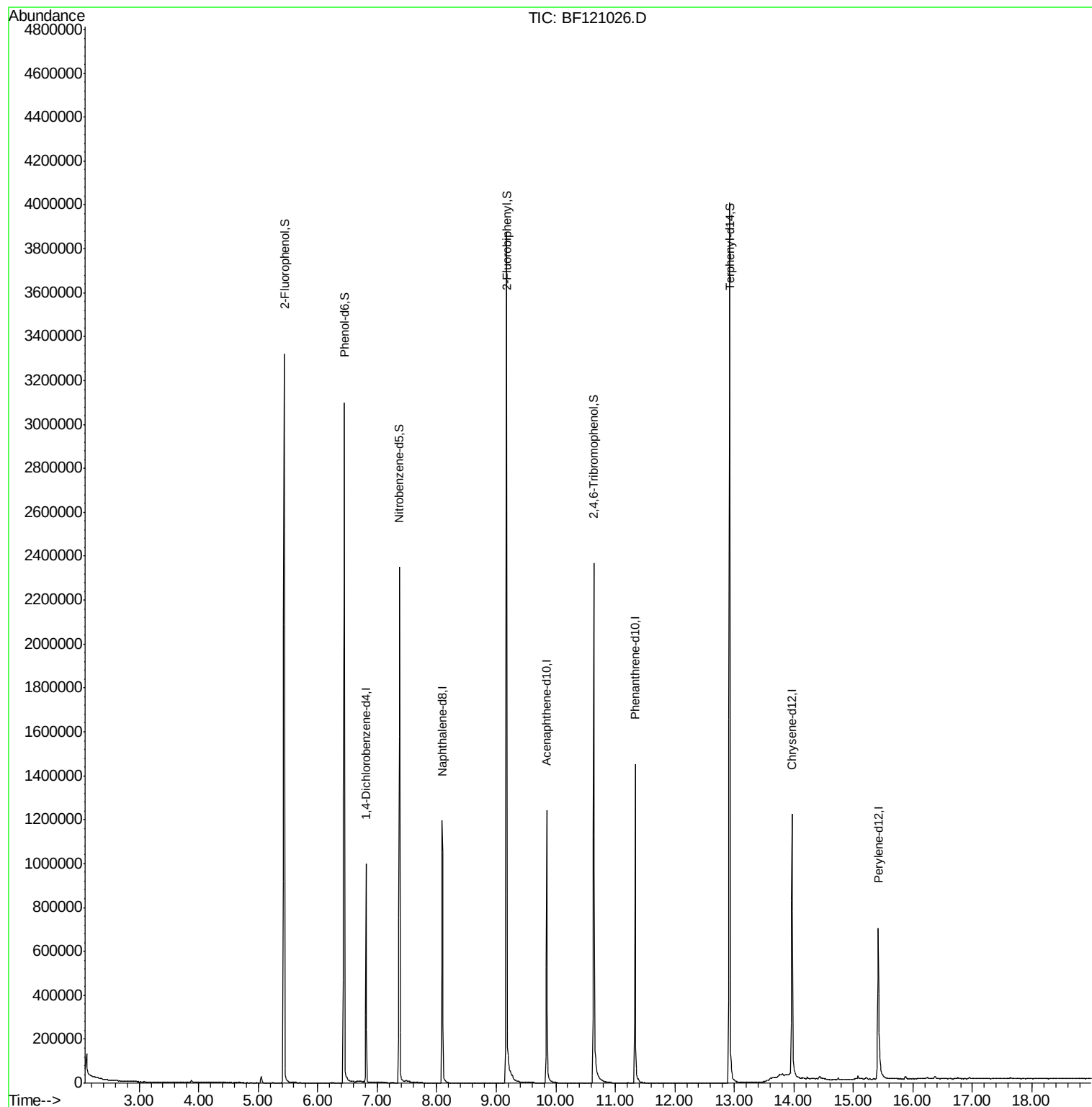
Target Compounds Qvalue

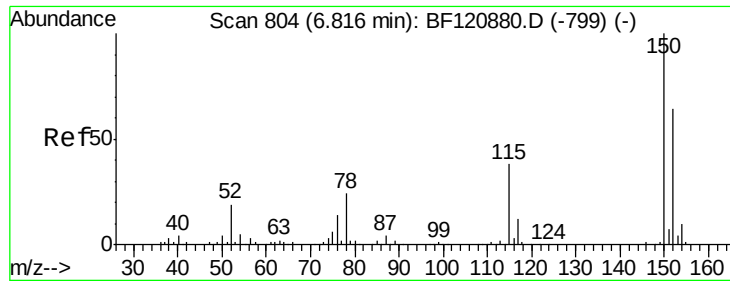
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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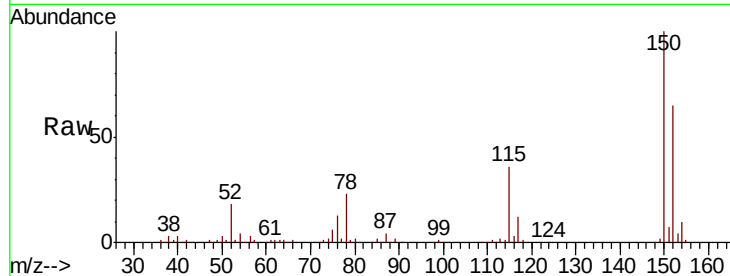


#1

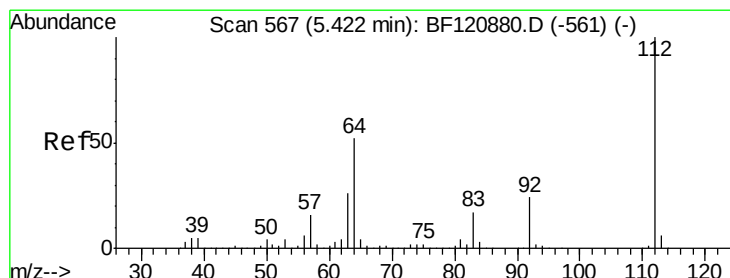
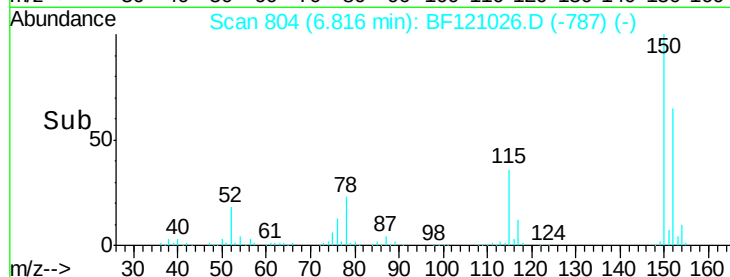
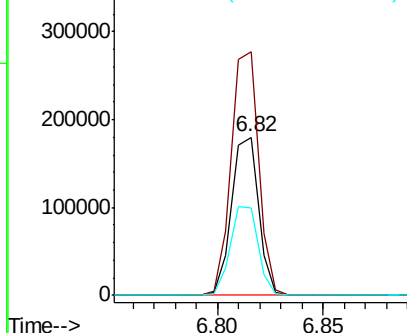
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121026.D
Acq: 27 Jul 2020 11:51

Instrument :
BNA_F
ClientSampleId :
PB130443BL

Tot Ion:152 Resp: 158940
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.6
115 55.6 47.0 70.4



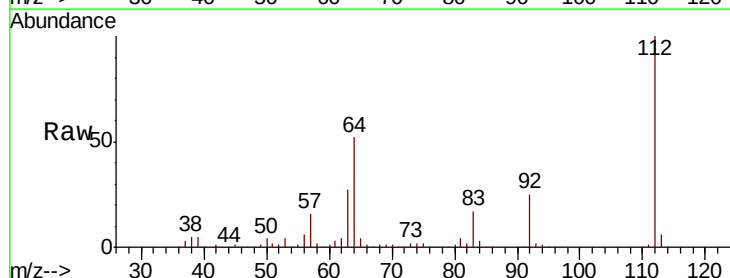
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



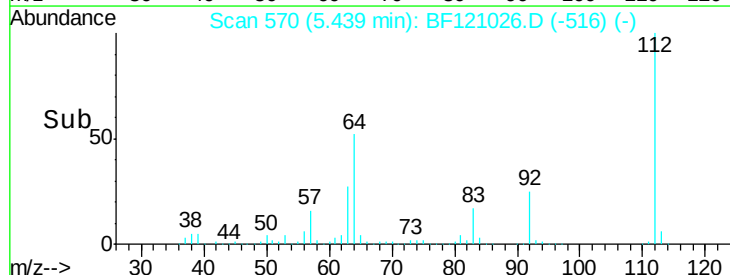
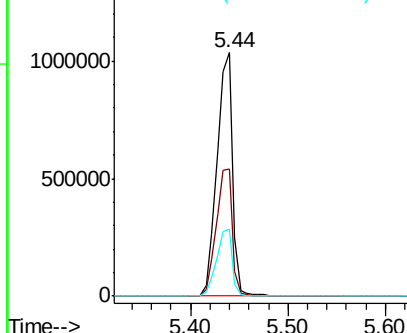
#5

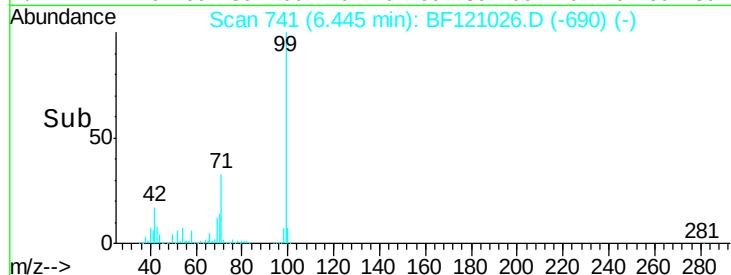
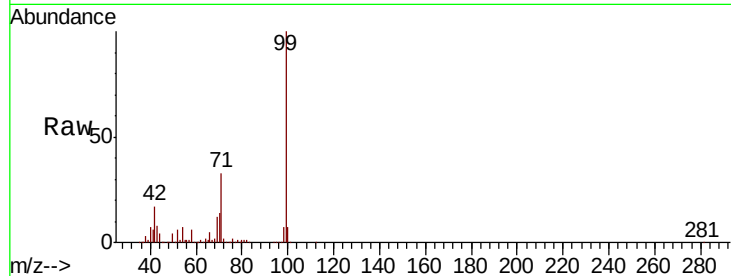
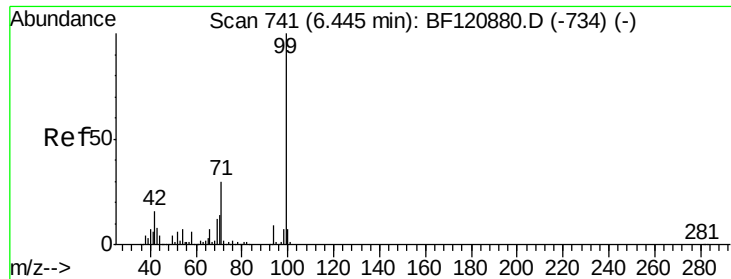
2-Fluorophenol
Concen: 118.570 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121026.D
Acq: 27 Jul 2020 11:51

Tgt Ion:112 Resp: 1149568
Ion Ratio Lower Upper
112 100
64 52.3 41.3 61.9
63 27.3 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 110.528 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121026.D

Acq: 27 Jul 2020 11:51

Instrument :

BNA_F

ClientSampleId :

PB130443BL

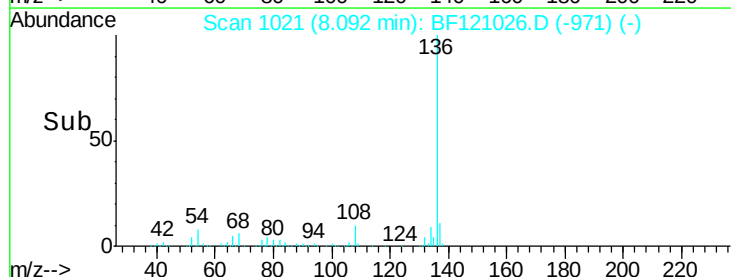
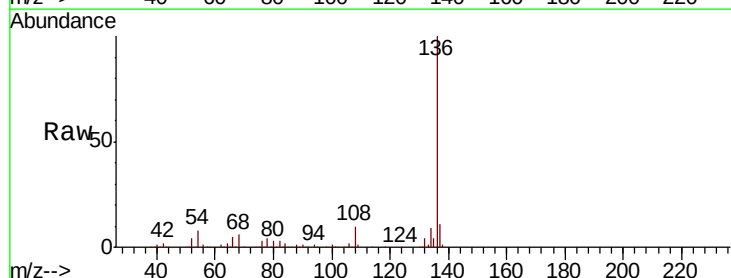
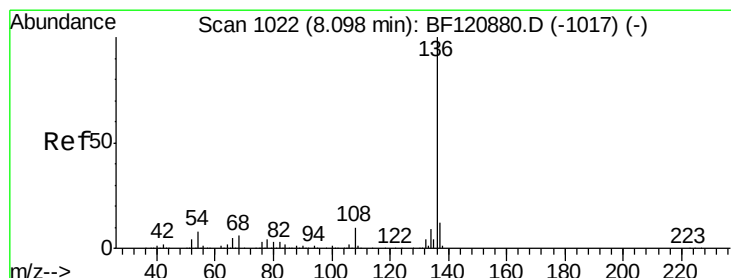
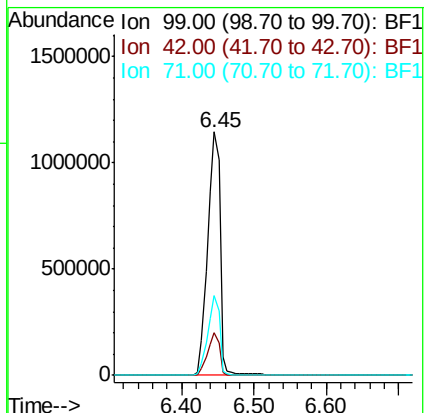
Tot Ion: 99 Resp: 1384232

Ion Ratio Lower Upper

99 100

42 17.4 13.1 19.7

71 32.9 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121026.D

Acq: 27 Jul 2020 11:51

Tgt Ion: 136 Resp: 601323

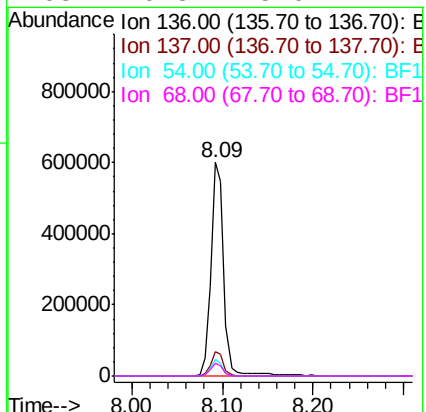
Ion Ratio Lower Upper

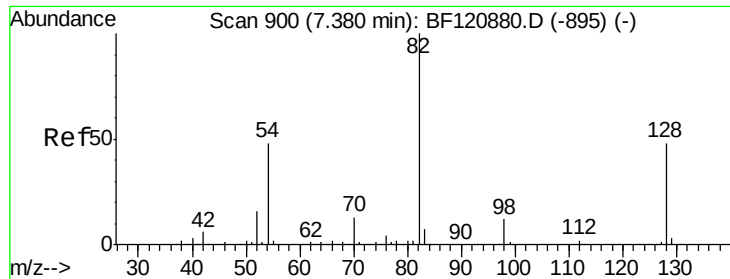
136 100

137 11.1 9.3 13.9

54 7.8 6.3 9.5

68 6.3 5.0 7.4

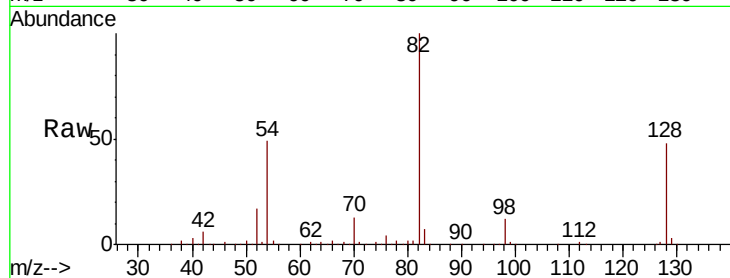




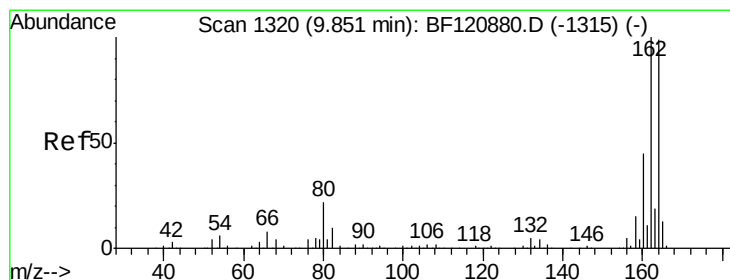
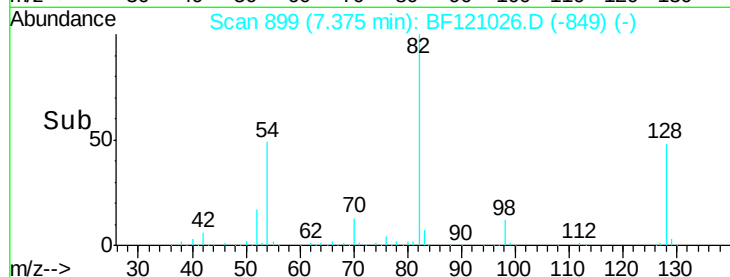
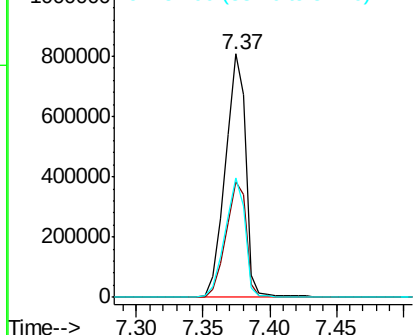
#23
 Nitrobenzene-d5
 Concen: 84.718 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121026.D
 Acq: 27 Jul 2020 11:51

Instrument :
 BNA_F
 ClientSampled :
 PB130443BL

Tot Ion: 82 Resp: 880400
 Ion Ratio Lower Upper
 82 100
 128 47.6 38.2 57.4
 54 49.0 38.7 58.1

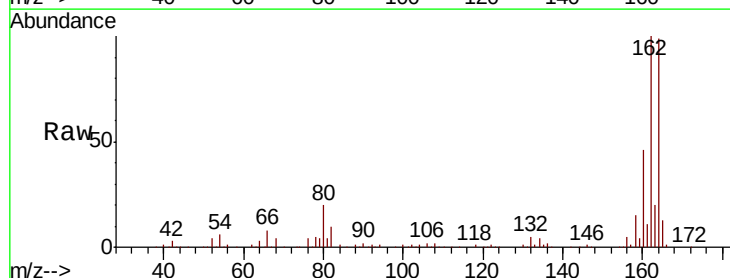


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

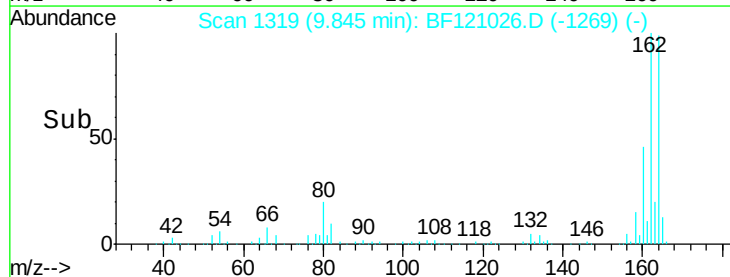
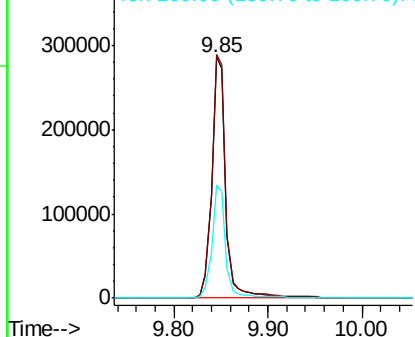


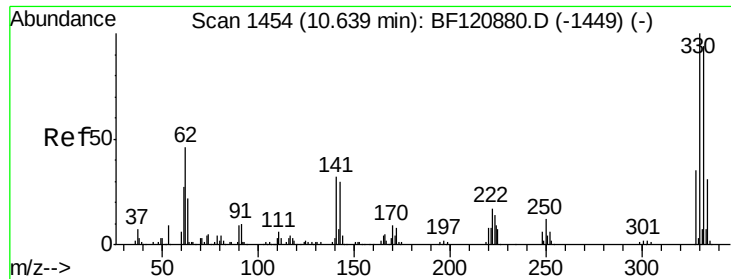
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121026.D
 Acq: 27 Jul 2020 11:51

Tgt Ion: 164 Resp: 305362
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.2 121.8
 160 46.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 128.409 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121026.D

Acq: 27 Jul 2020 11:51

Instrument :

BNA_F

ClientSampleId :

PB130443BL

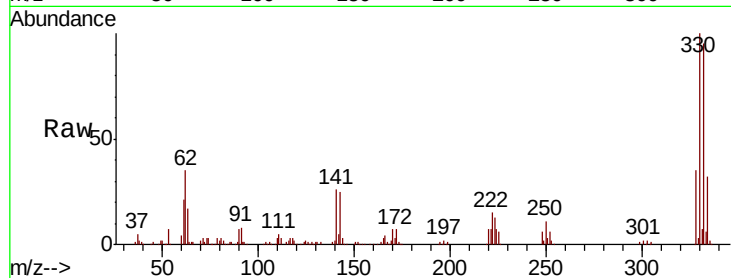
Tot Ion:330 Resp: 429207

Ion Ratio Lower Upper

330 100

332 94.0 75.5 113.3

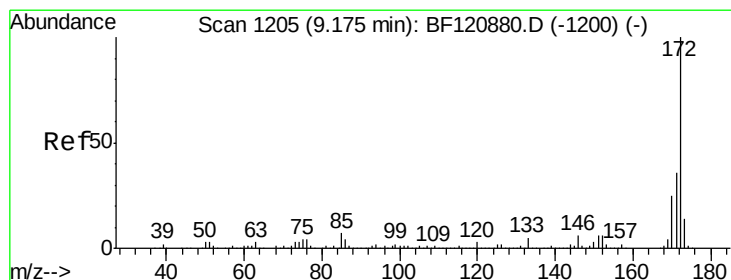
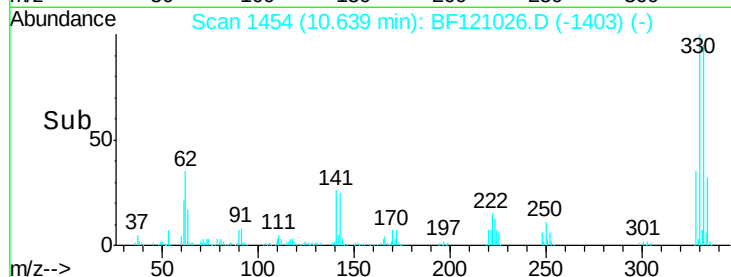
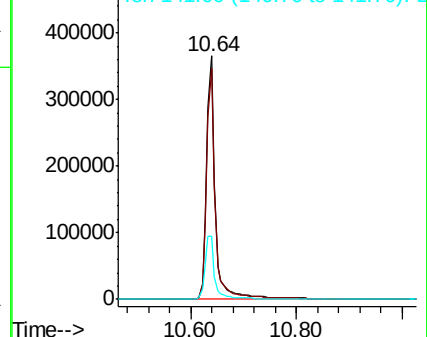
141 29.2 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 82.080 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121026.D

Acq: 27 Jul 2020 11:51

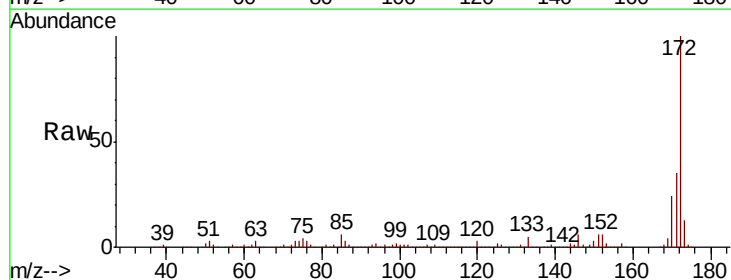
Tgt Ion:172 Resp: 1678735

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.4

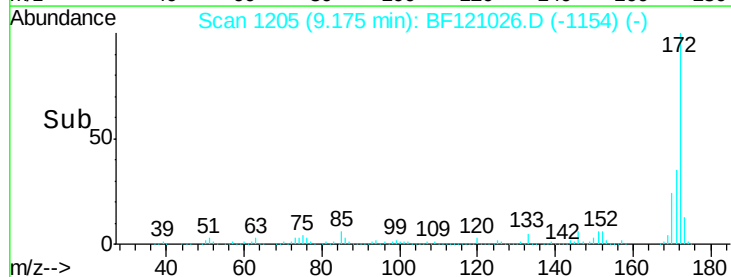
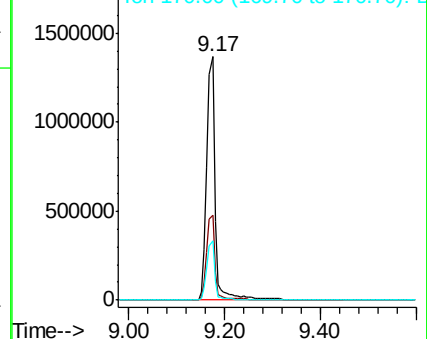
170 24.2 19.6 29.4

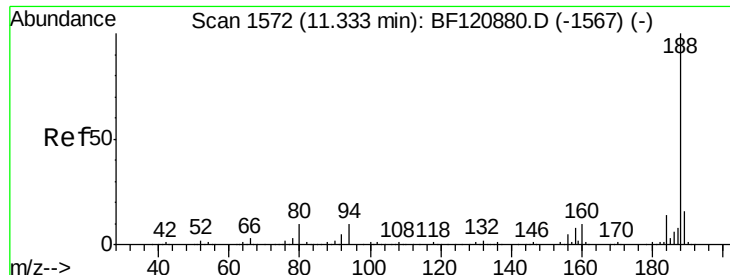


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

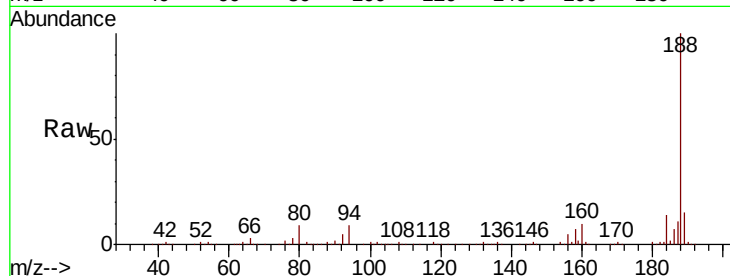




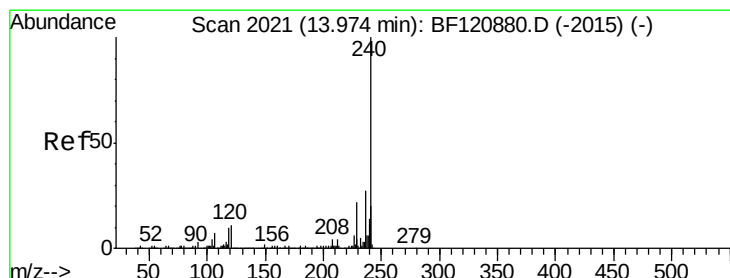
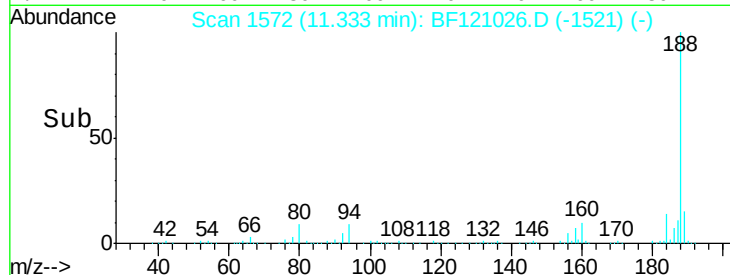
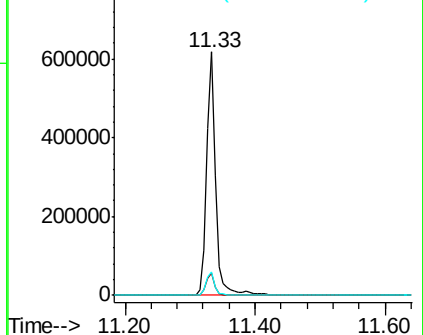
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121026.D
Acq: 27 Jul 2020 11:51

Instrument :
BNA_F
ClientSampleId :
PB130443BL

Tot Ion:188 Resp: 599396
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.4 8.3 12.5

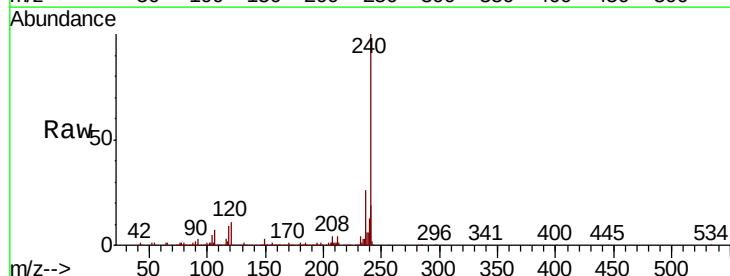


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

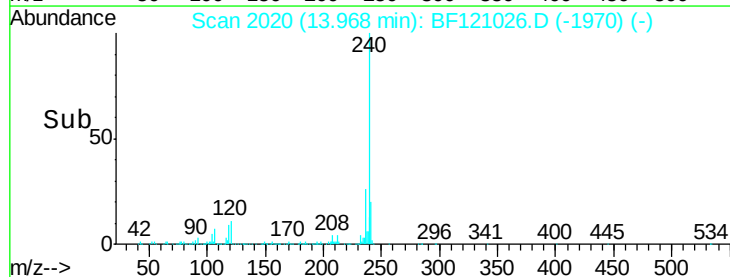
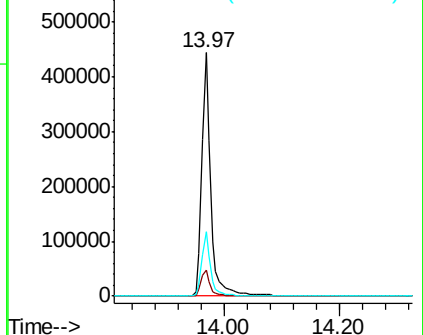


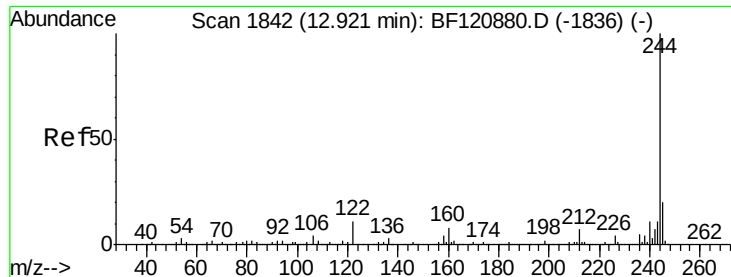
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121026.D
Acq: 27 Jul 2020 11:51

Tgt Ion:240 Resp: 483091
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 26.2 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



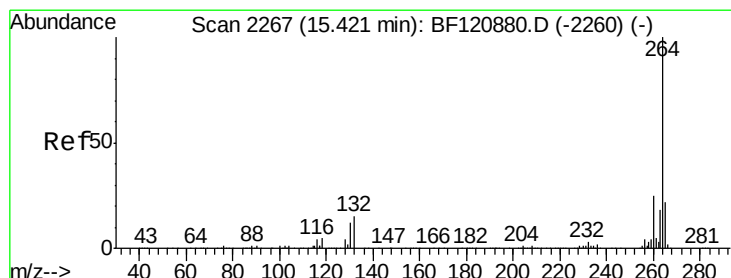
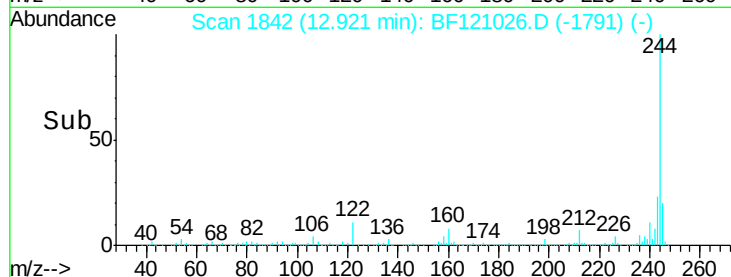
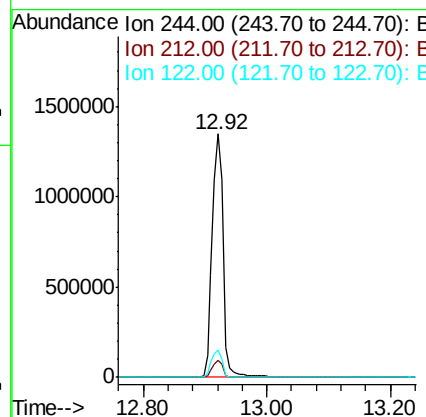
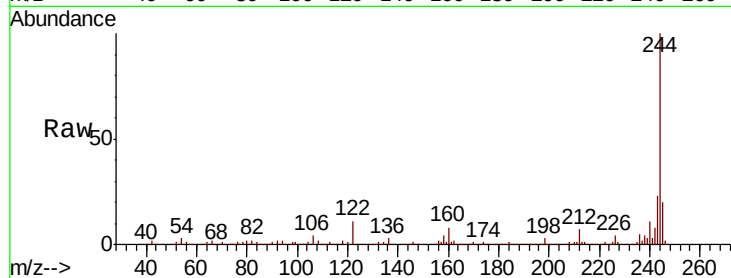


#79
 Terphenyl-d14
 Concen: 73.642 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121026.D
 Acq: 27 Jul 2020 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BL

Tot Ion:244 Resp: 1636593

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.0	8.9	13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121026.D
 Acq: 27 Jul 2020 11:51

Tgt Ion:264 Resp: 438163

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	21.5	17.4	26.2

