

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121196.D
 Acq On : 6 Aug 2020 10:55
 Operator : JU/CG
 Sample : PB130683BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BL

Quant Time: Aug 06 12:05:32 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	6.79	152	140336	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	540462	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	279328	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	536790	20.00	ng	0.00
76) Chrysene-d12	13.96	240	451827	20.00	ng	0.00
86) Perylene-d12	15.41	264	430114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	918086	107.25	ng	0.00
7) Phenol-d6	6.43	99	1118981	101.19	ng	-0.01
23) Nitrobenzene-d5	7.36	82	760695	81.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	340542	111.38	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1376969	73.60	ng	-0.01
79) Terphenyl-d14	12.91	244	1370637	65.94	ng	0.00

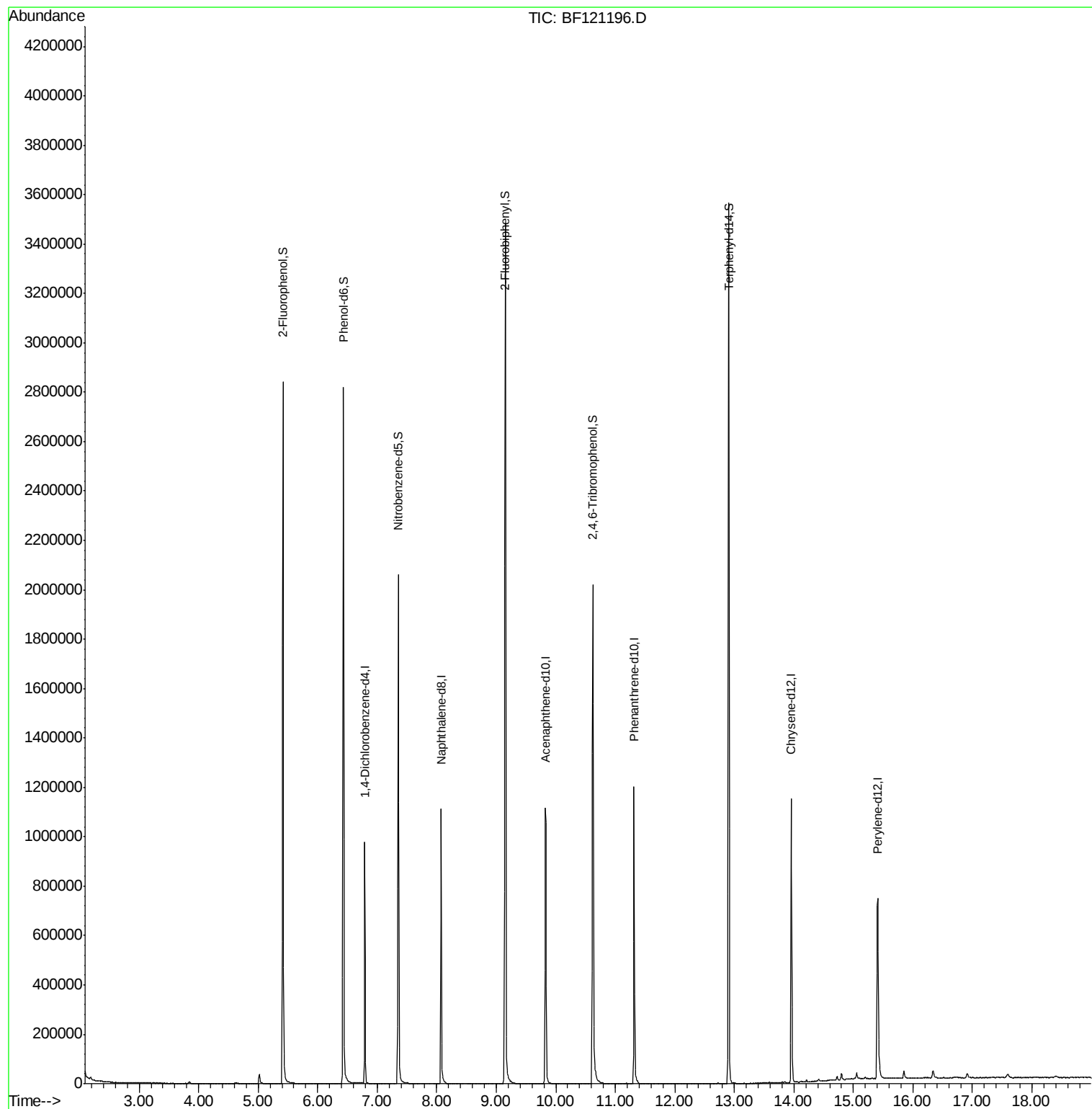
Target Compounds Qvalue

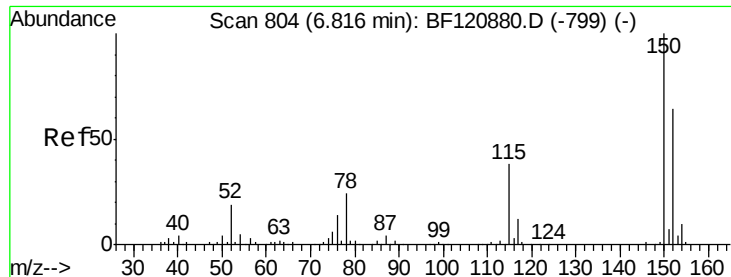
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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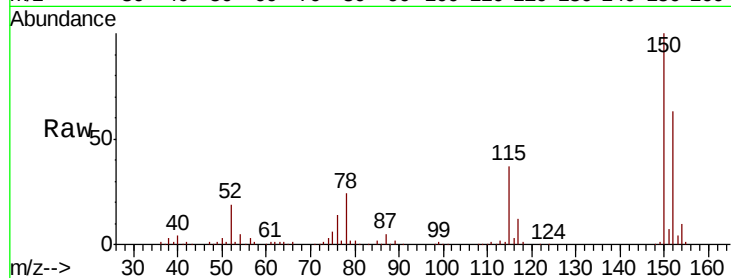


#1

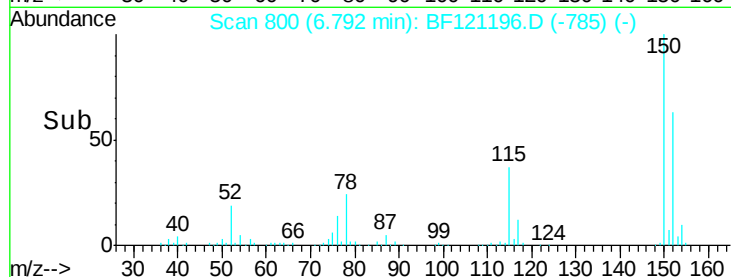
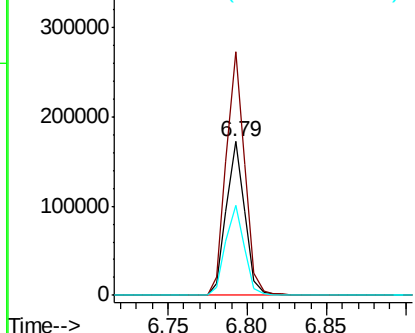
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121196.D
Acq: 6 Aug 2020 10:55

Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tot Ion:152 Resp: 140336
Ion Ratio Lower Upper
152 100
150 158.5 125.6 188.4
115 58.9 46.2 69.2



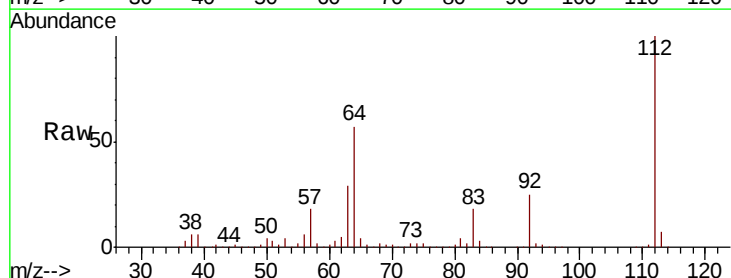
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



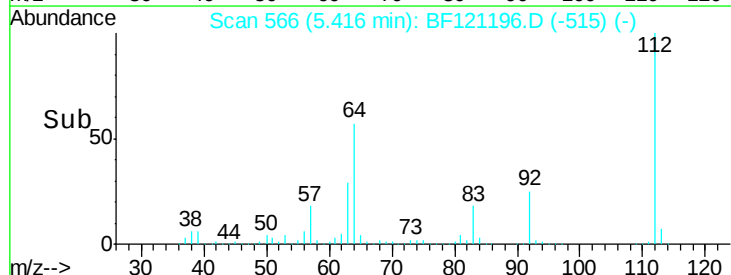
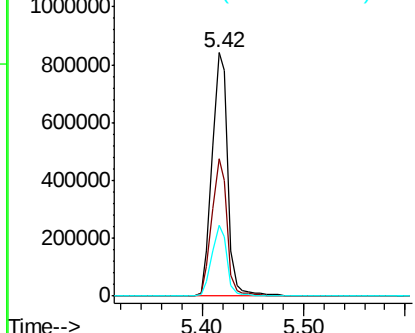
#5

2-Fluorophenol
Concen: 107.248 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121196.D
Acq: 6 Aug 2020 10:55

Tgt Ion:112 Resp: 918086
Ion Ratio Lower Upper
112 100
64 56.6 43.9 65.9
63 28.9 22.7 34.1



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: 101.193 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Instrument :

BNA_F

ClientSampled :

PB130683BL

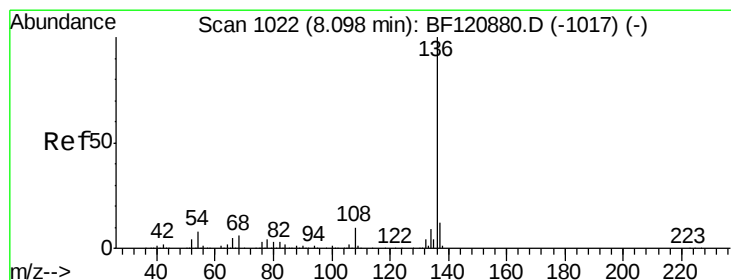
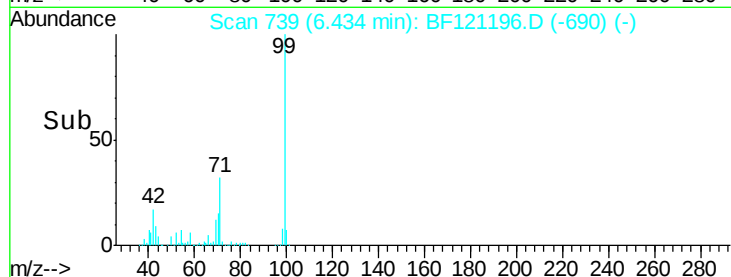
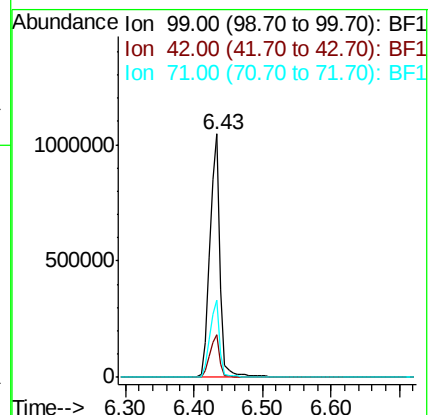
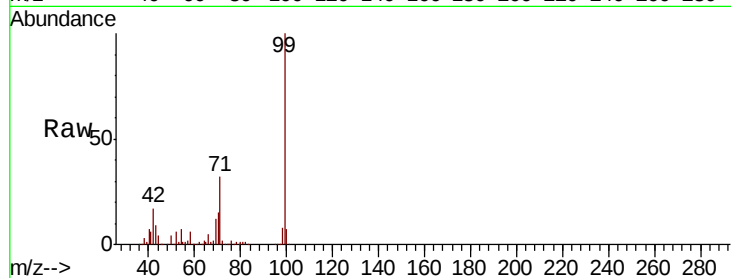
Tot Ion: 99 Resp: 1118981

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 31.5 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Tgt Ion: 136 Resp: 540462

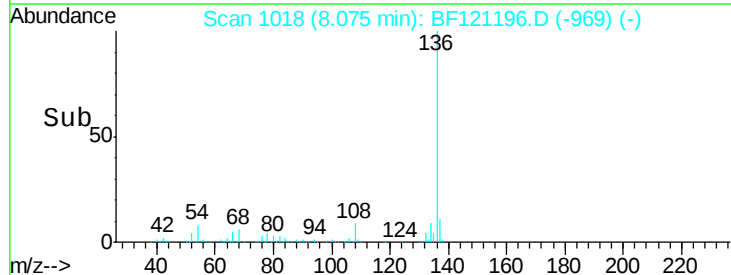
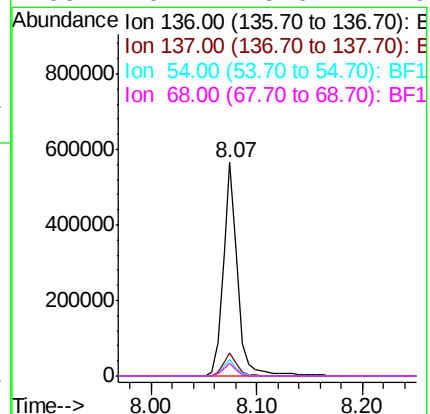
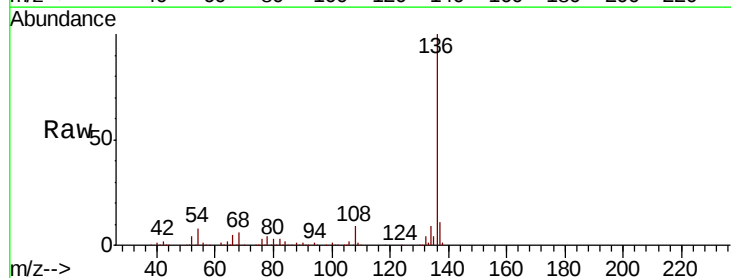
Ion Ratio Lower Upper

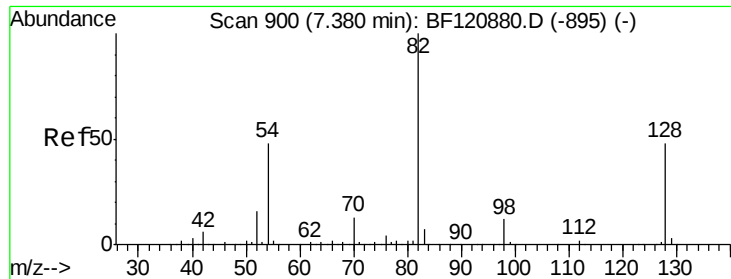
136 100

137 11.0 9.0 13.4

54 7.6 6.1 9.1

68 6.1 5.0 7.6

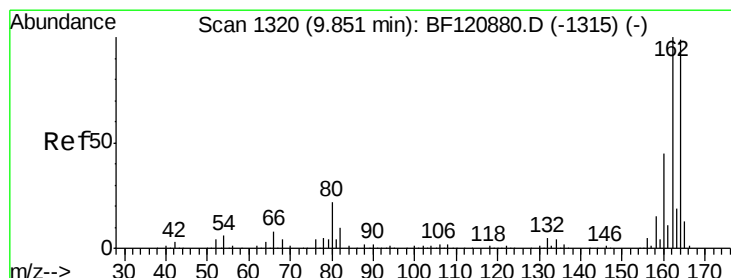
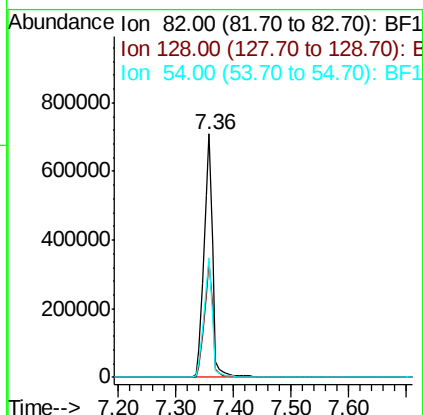
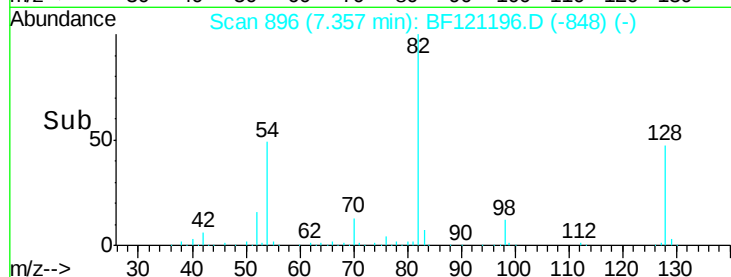
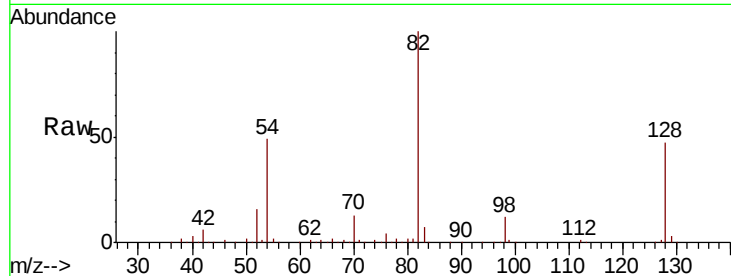




#23
 Nitrobenzene-d5
 Concen: 81.442 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121196.D
 Acq: 6 Aug 2020 10:55

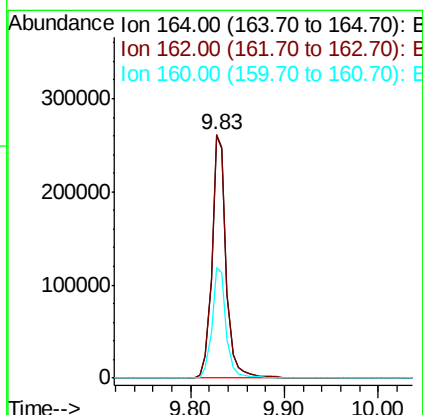
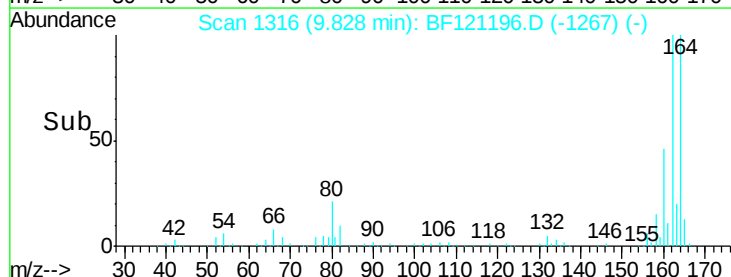
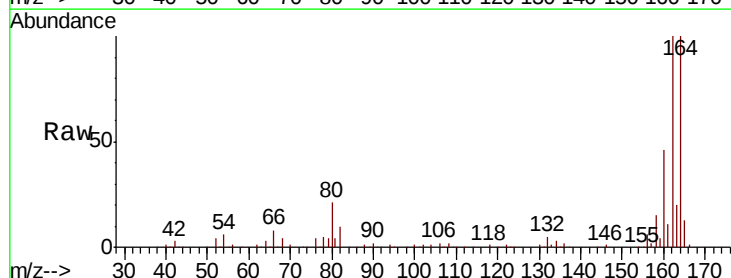
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BL

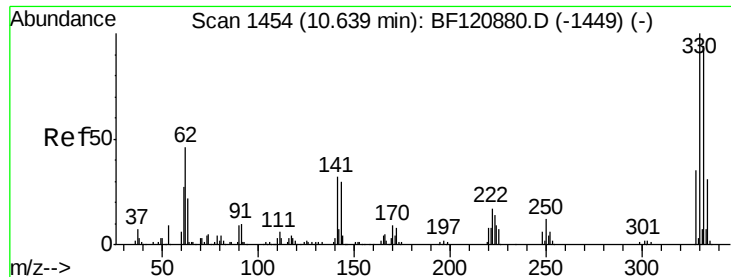
Tot Ion: 82 Resp: 760695
 Ion Ratio Lower Upper
 82 100
 128 47.4 39.2 58.8
 54 49.1 37.8 56.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF121196.D
 Acq: 6 Aug 2020 10:55

Tgt Ion: 164 Resp: 279328
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.2 123.2
 160 45.7 37.2 55.8

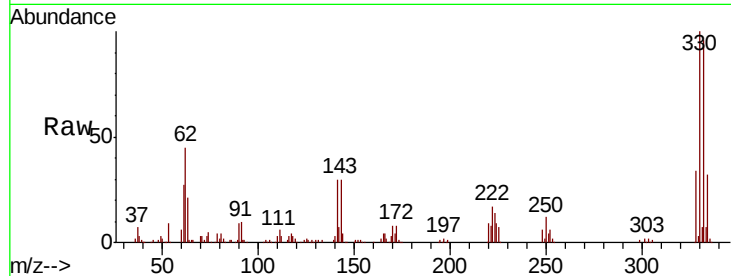




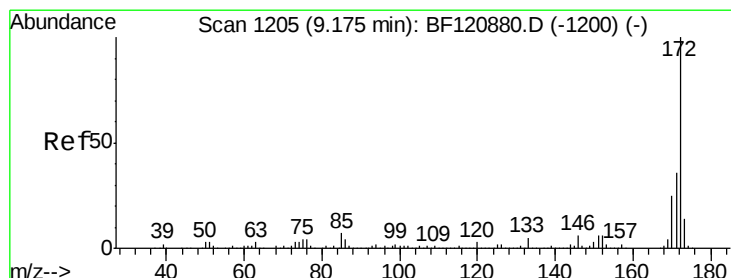
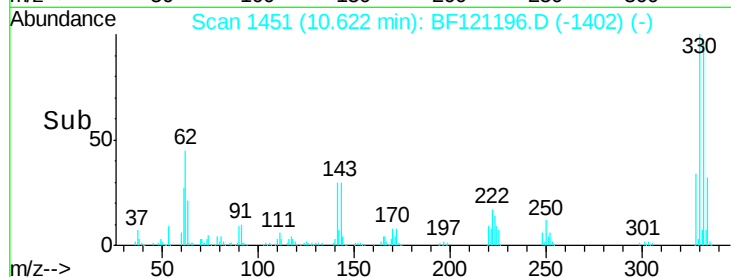
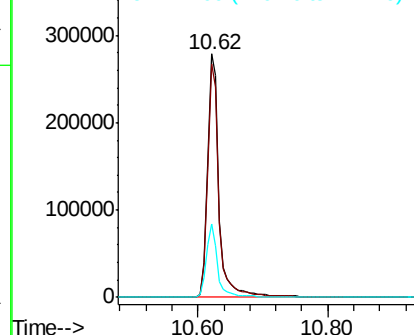
#42
 2,4,6-Tribromophenol
 Concen: 111.378 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121196.D
 Acq: 6 Aug 2020 10:55

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BL

Tot Ion:330 Resp: 340542
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.1 114.1
 141 30.0 24.1 36.1

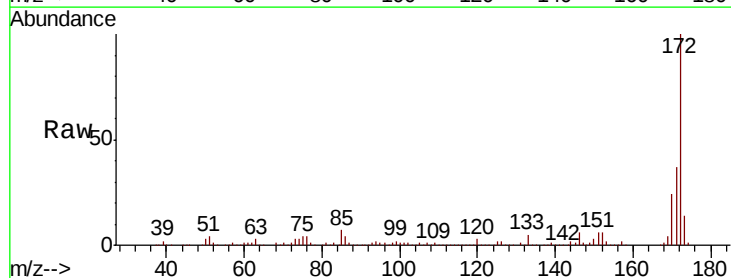


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

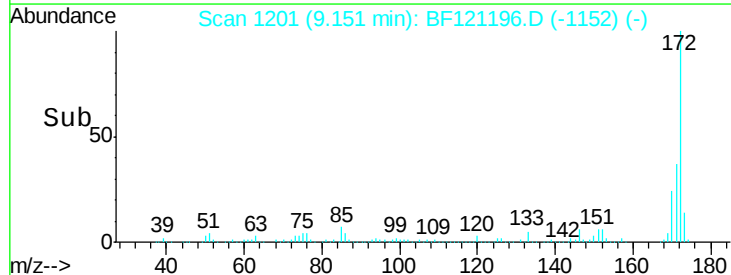
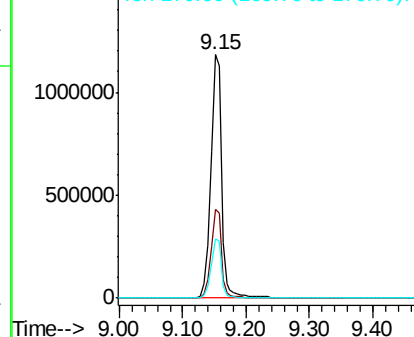


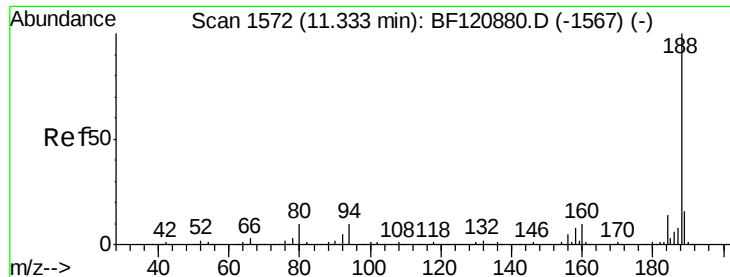
#45
 2-Fluorobiphenyl
 Concen: 73.601 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121196.D
 Acq: 6 Aug 2020 10:55

Tgt Ion:172 Resp: 1376969
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

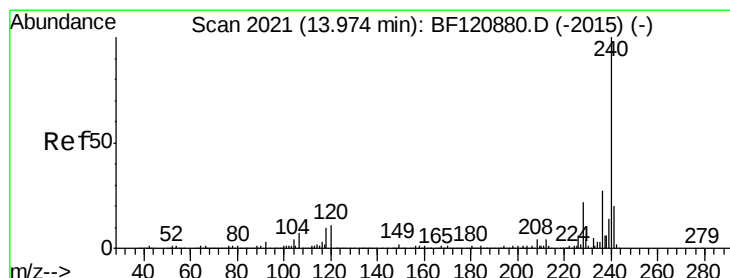
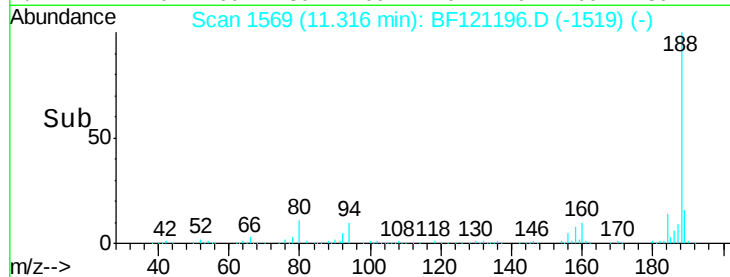
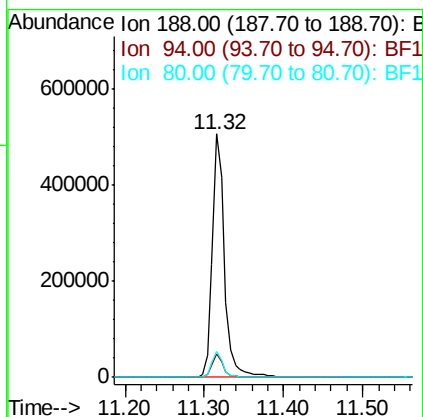
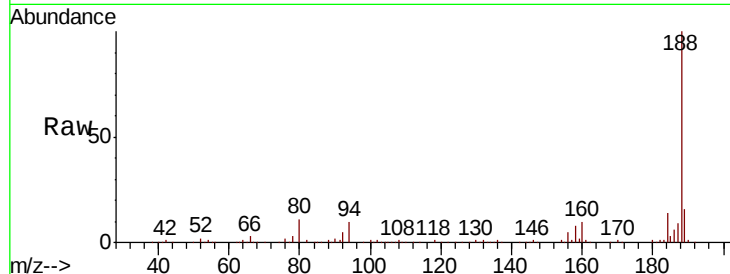




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121196.D
Acq: 6 Aug 2020 10:55

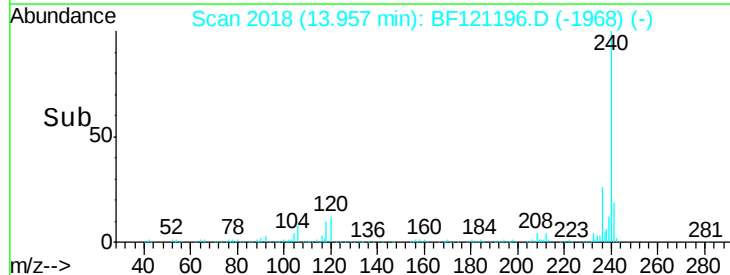
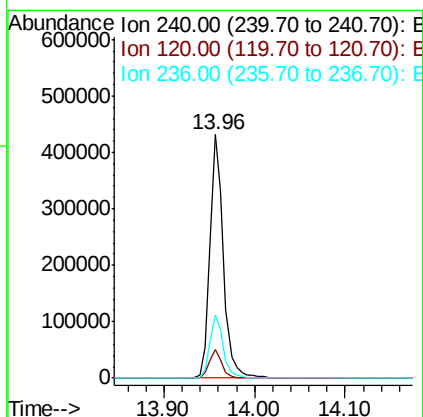
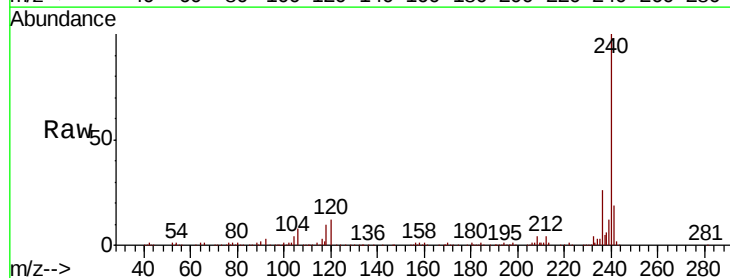
Instrument :
BNA_F
ClientSampleId :
PB130683BL

Tot Ion:188 Resp: 536790
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 10.6 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121196.D
Acq: 6 Aug 2020 10:55

Tgt Ion:240 Resp: 451827
Ion Ratio Lower Upper
240 100
120 11.6 9.3 13.9
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 65.943 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Instrument :

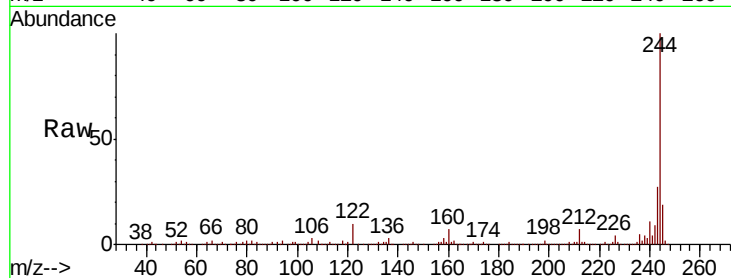
BNA_F

ClientSampleId :

PB130683BL

Tot Ion:244 Resp: 1370637

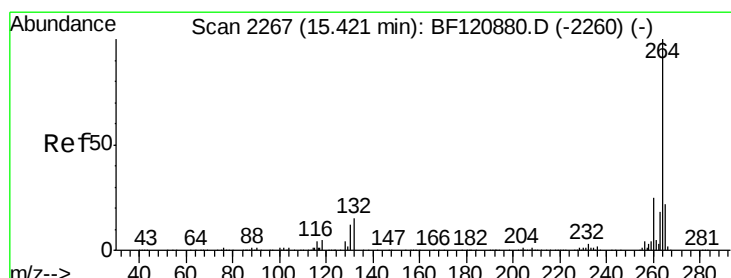
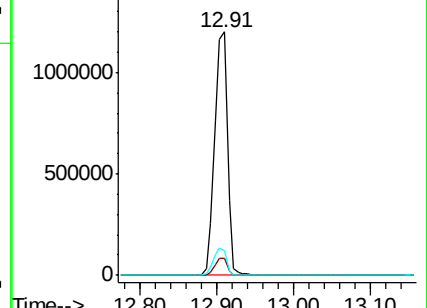
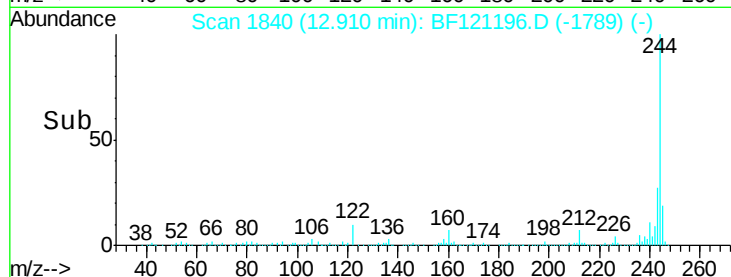
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.3	8.3	12.5



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: 15.41 min Scan# 2265

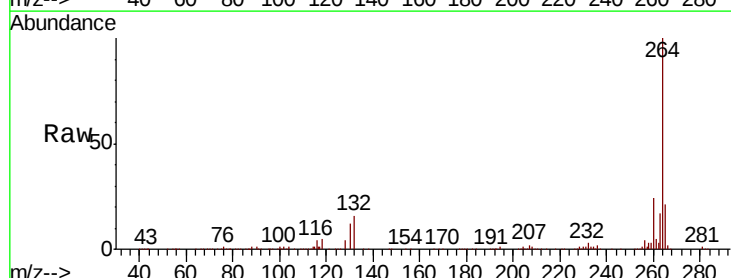
Delta R.T. 0.01 min

Lab File: BF121196.D

Acq: 6 Aug 2020 10:55

Tgt Ion:264 Resp: 430114

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.9	29.9
265	20.8	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

