

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
 Data File : BF120597.D
 Acq On : 11 Jun 2020 10:51
 Operator : JU/CG
 Sample : PB129455BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

Quant Time: Jun 11 12:38:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	191710	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	691874	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	343053	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	521667	20.00	ng	0.00
76) Chrysene-d12	13.96	240	470463	20.00	ng	0.00
86) Perylene-d12	15.40	264	475075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1316271	117.71	ng	0.00
7) Phenol-d6	6.43	99	1660037	119.19	ng	0.00
23) Nitrobenzene-d5	7.36	82	918835	74.23	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	556169	139.44	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1830931	81.66	ng	0.00
79) Terphenyl-d14	12.91	244	1904371	89.41	ng	0.00

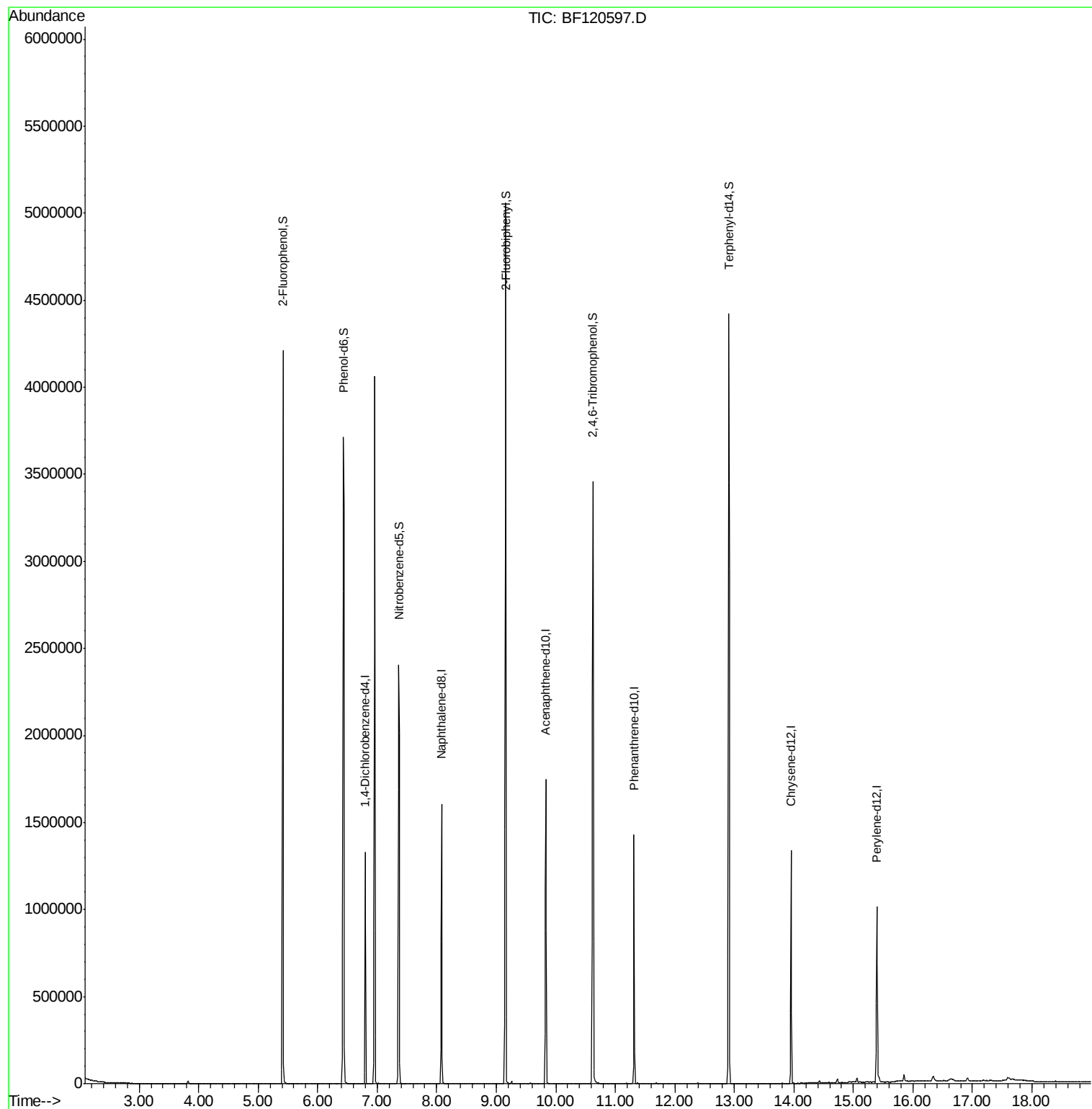
Target Compounds Qvalue

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

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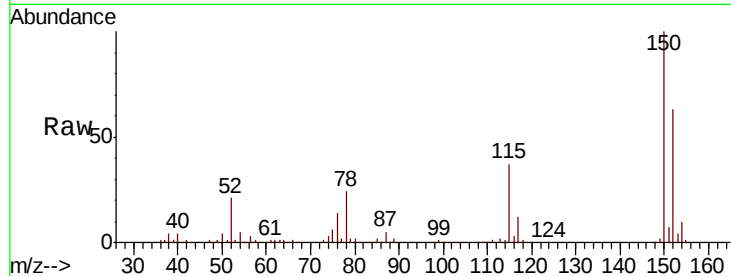


#1

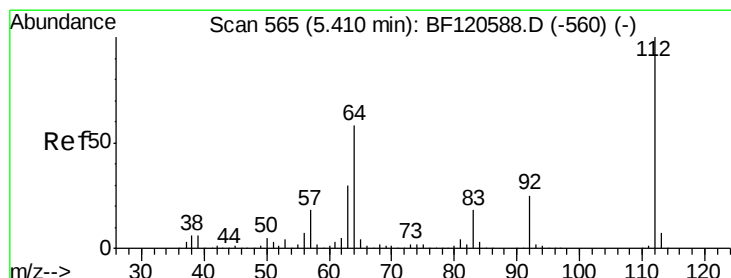
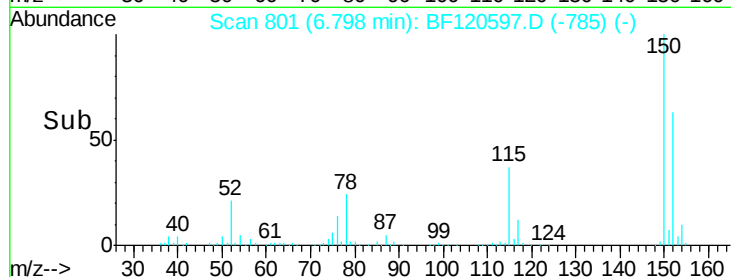
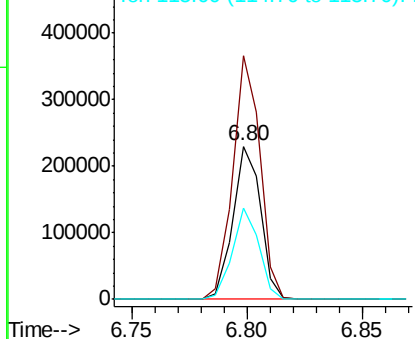
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120597.D
 Acq: 11 Jun 2020 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

Tot Ion:152 Resp: 191710
 Ion Ratio Lower Upper
 152 100
 150 159.3 123.2 184.8
 115 59.5 43.9 65.9



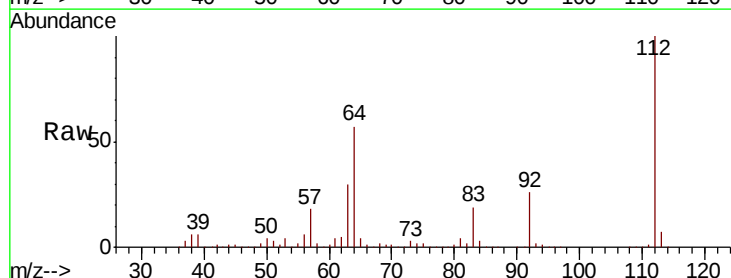
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



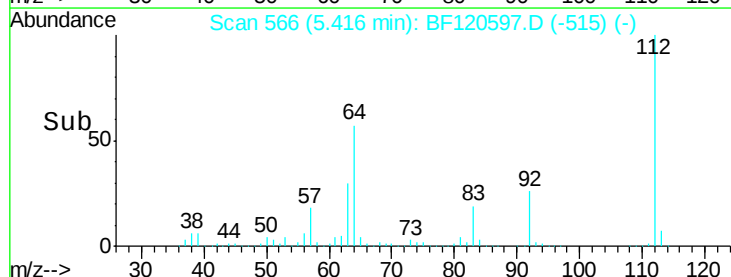
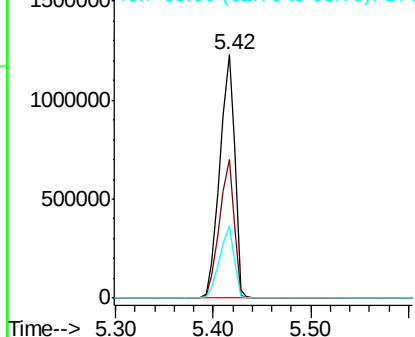
#5

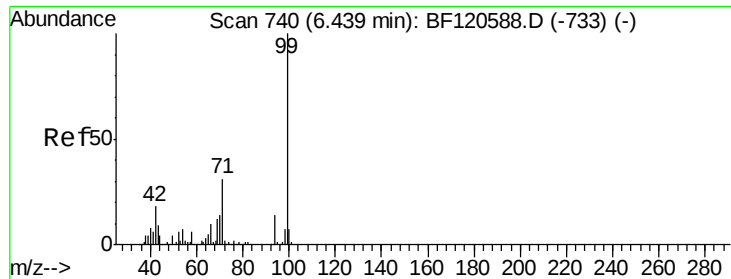
2-Fluorophenol
 Concen: 117.713 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF120597.D
 Acq: 11 Jun 2020 10:51

Tgt Ion:112 Resp: 1316271
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.1 69.1
 63 29.5 23.7 35.5



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: 119.194 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB129455BL

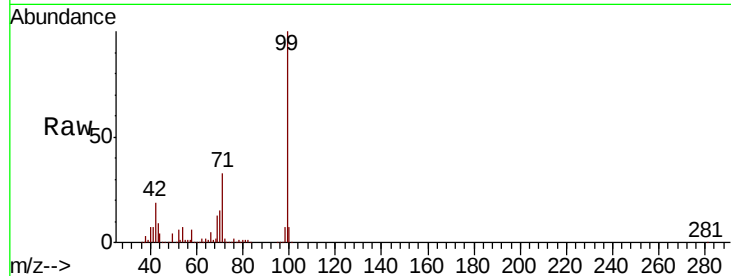
Tot Ion: 99 Resp: 1660037

Ion Ratio Lower Upper

99 100

42 18.8 14.0 21.0

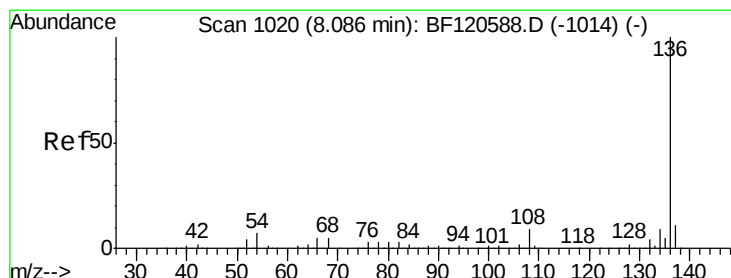
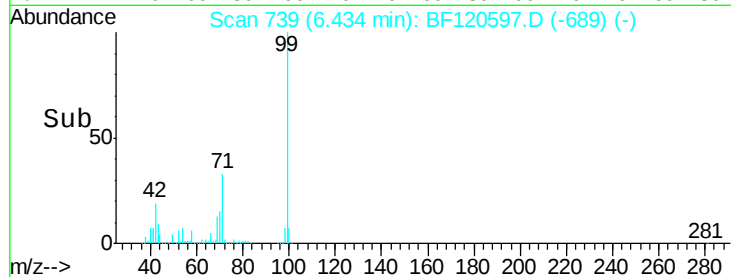
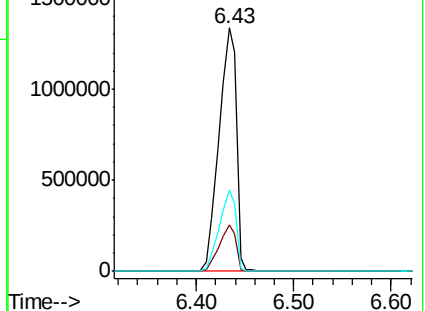
71 33.4 24.9 37.3



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: BF120597.D

Acq: 11 Jun 2020 10:51

Tgt Ion: 136 Resp: 691874

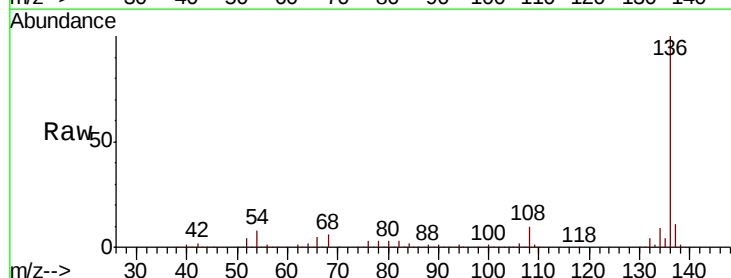
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 7.8 5.8 8.6

68 6.1 4.4 6.6

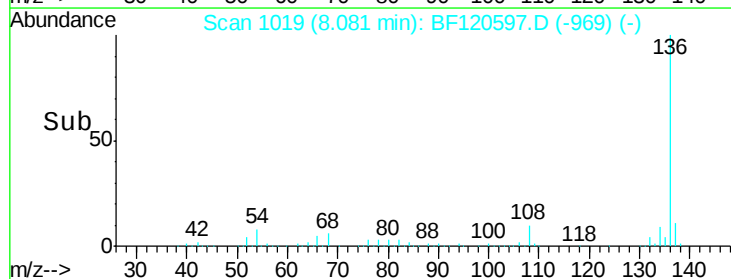
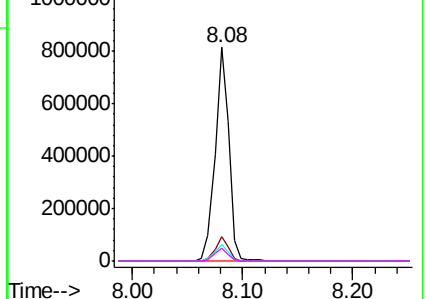


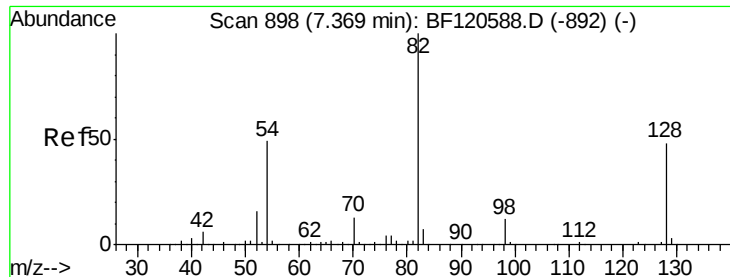
Abundance Ion 136.00 (135.70 to 136.70): E

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

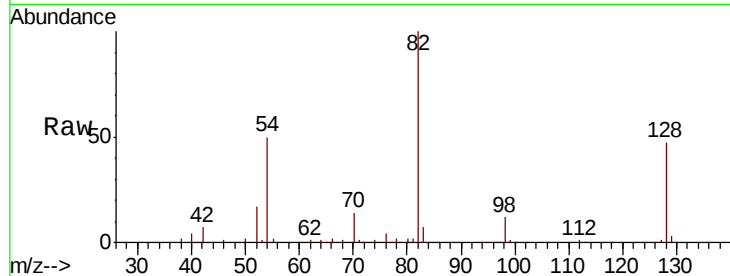




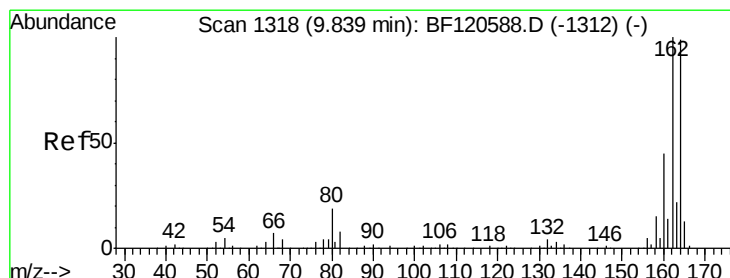
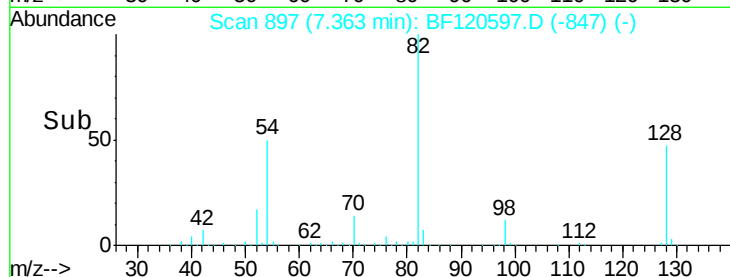
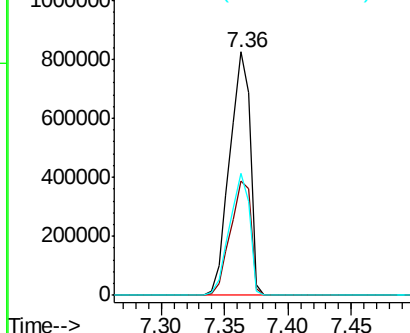
#23
Nitrobenzene-d5
Concen: 74.233 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120597.D
Acq: 11 Jun 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB129455BL

Tot Ion	82	Resp	918835
Ion Ratio	Lower	Upper	
82	100		
128	46.8	38.0	57.0
54	50.3	38.8	58.2

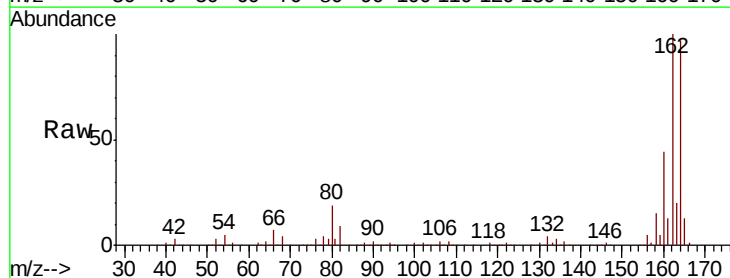


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

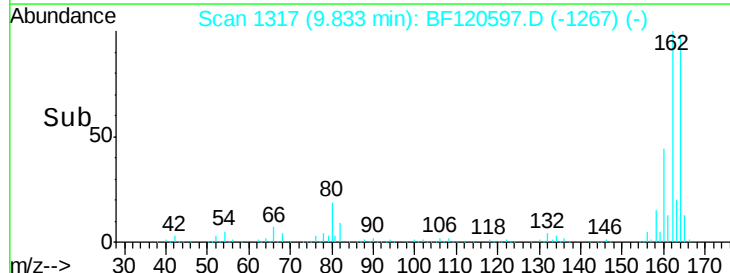
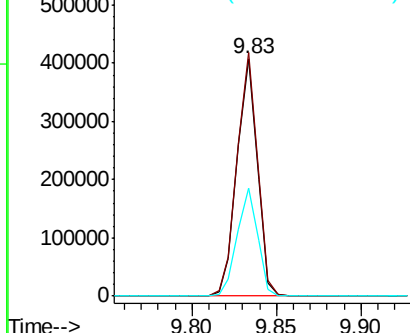


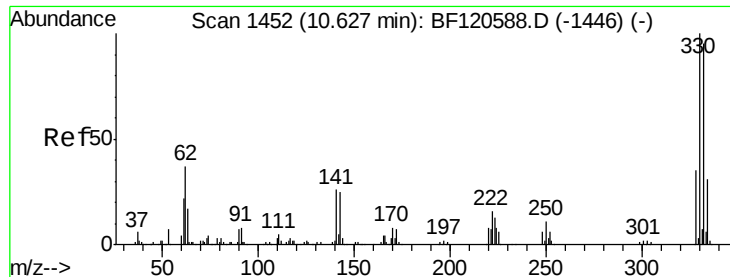
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120597.D
Acq: 11 Jun 2020 10:51

Tgt Ion	164	Resp	343053
Ion Ratio	Lower	Upper	
164	100		
162	102.7	80.6	120.8
160	45.5	36.2	54.2



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

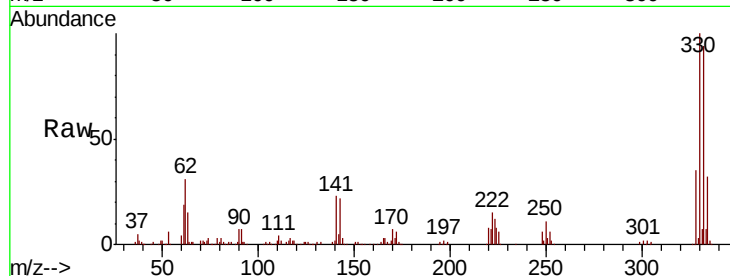




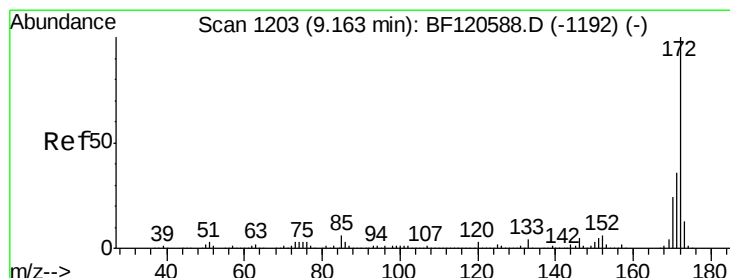
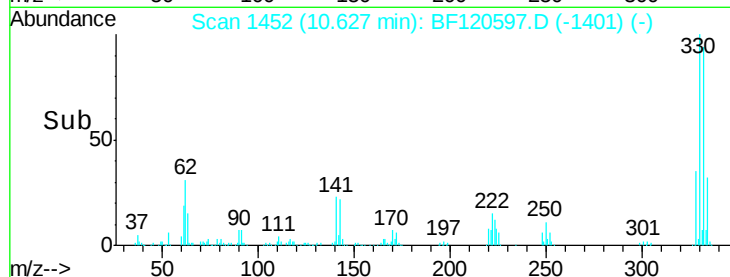
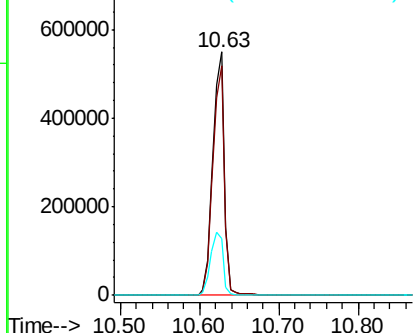
#42
 2,4,6-Tribromophenol
 Concen: 139.444 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120597.D
 Acq: 11 Jun 2020 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB129455BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	28.4	23.2	34.8

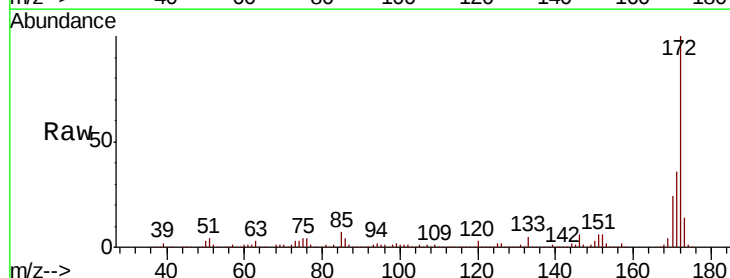


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

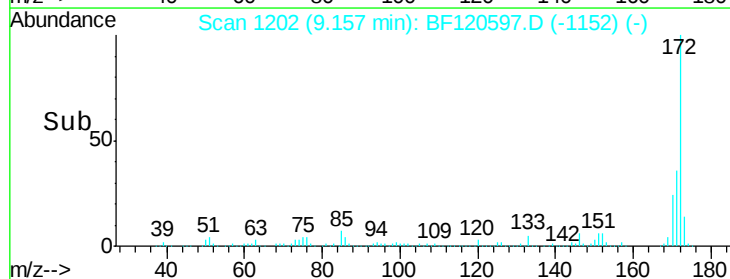
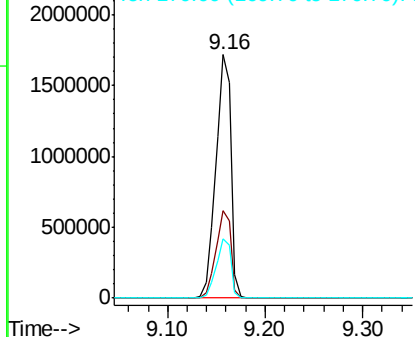


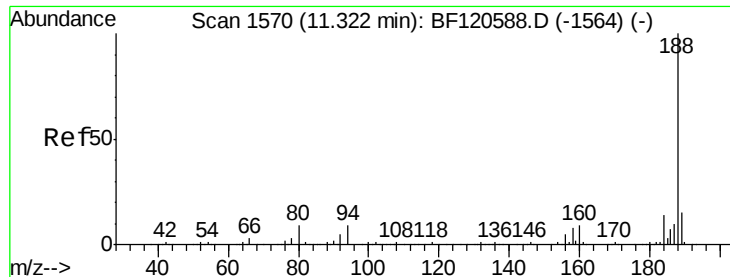
#45
 2-Fluorobiphenyl
 Concen: 81.658 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120597.D
 Acq: 11 Jun 2020 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.4	19.4	29.2



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

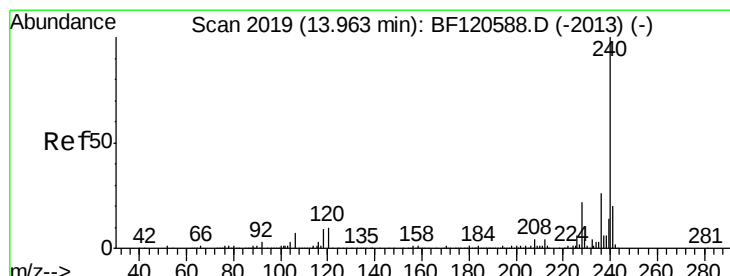
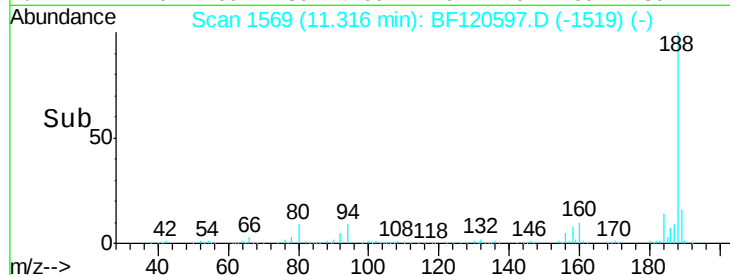
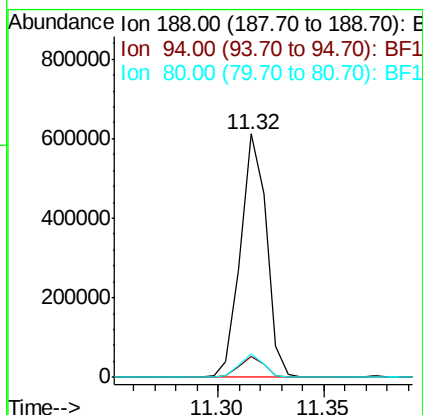
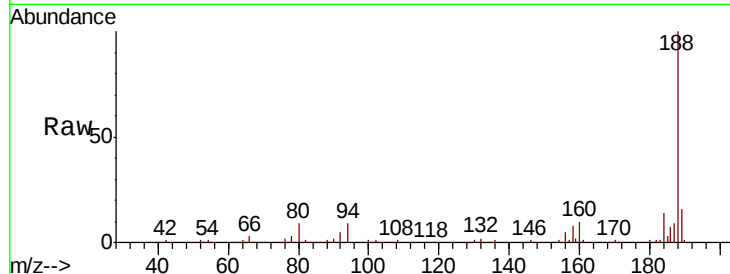




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120597.D
Acq: 11 Jun 2020 10:51

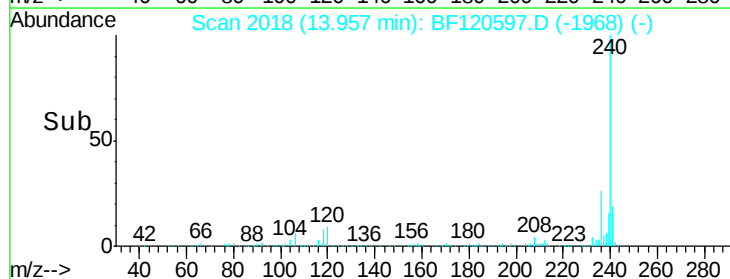
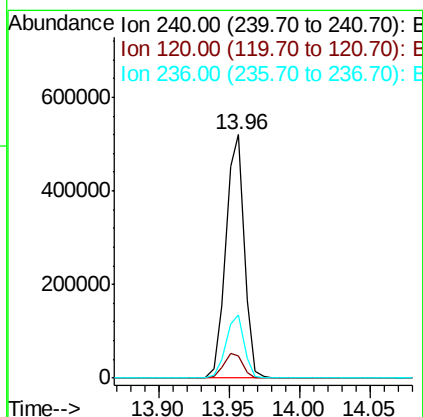
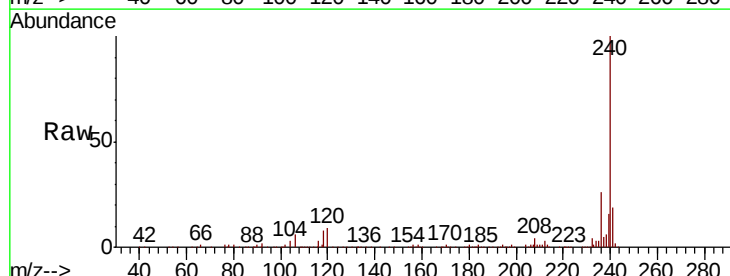
Instrument :
BNA_F
ClientSampleId :
PB129455BL

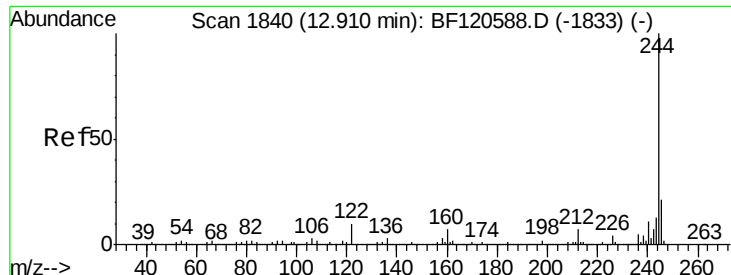
Tot Ion:188 Resp: 521667
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.5 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120597.D
Acq: 11 Jun 2020 10:51

Tgt Ion:240 Resp: 470463
Ion Ratio Lower Upper
240 100
120 9.1 8.3 12.5
236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 89.413 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB129455BL

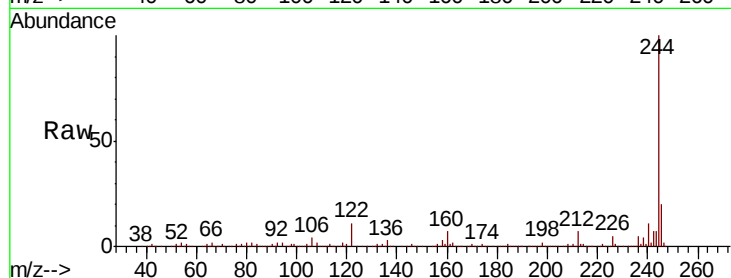
Tot Ion:244 Resp: 1904371

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

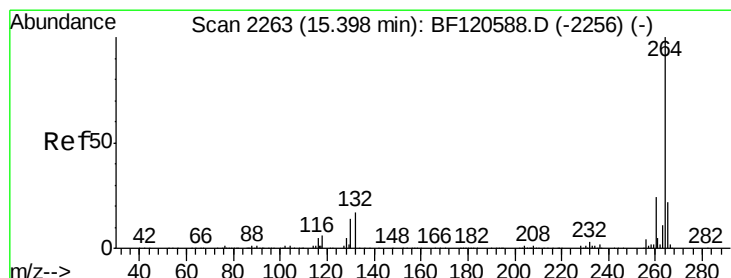
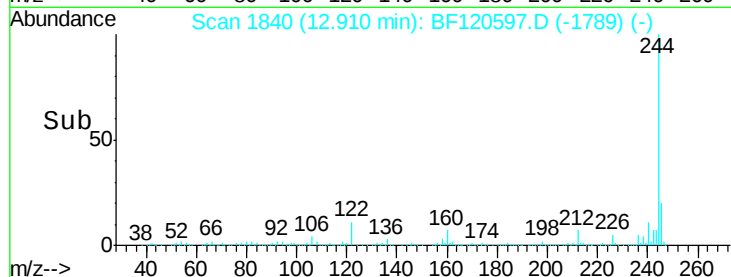
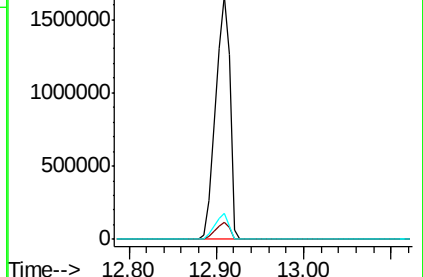
122 10.8 8.3 12.5



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: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF120597.D

Acq: 11 Jun 2020 10:51

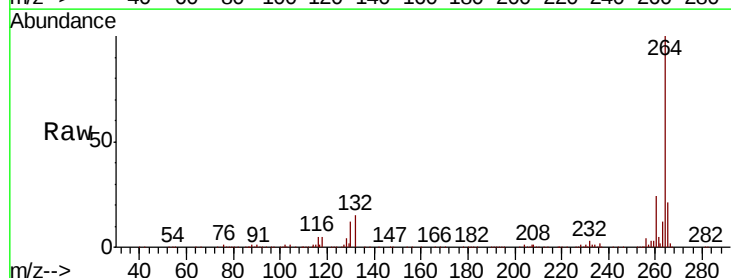
Tgt Ion:264 Resp: 475075

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.4 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

