

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119997.D
 Acq On : 15 Apr 2020 16:49
 Operator : MA/SJ
 Sample : L2245-29
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

Quant Time: Apr 16 02:27:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169909	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	643905	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	348162	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	690855	20.00	ng	0.00
76) Chrysene-d12	13.89	240	548349	20.00	ng	-0.01
87) Perylene-d12	15.31	264	444055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1274429	129.63	ng	0.00
7) Phenol-d6	6.36	99	1509543	119.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	1100970	88.46	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	506903	118.92	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2128141	86.78	ng	0.00
79) Terphenyl-d14	12.84	244	2595767	79.65	ng	0.00

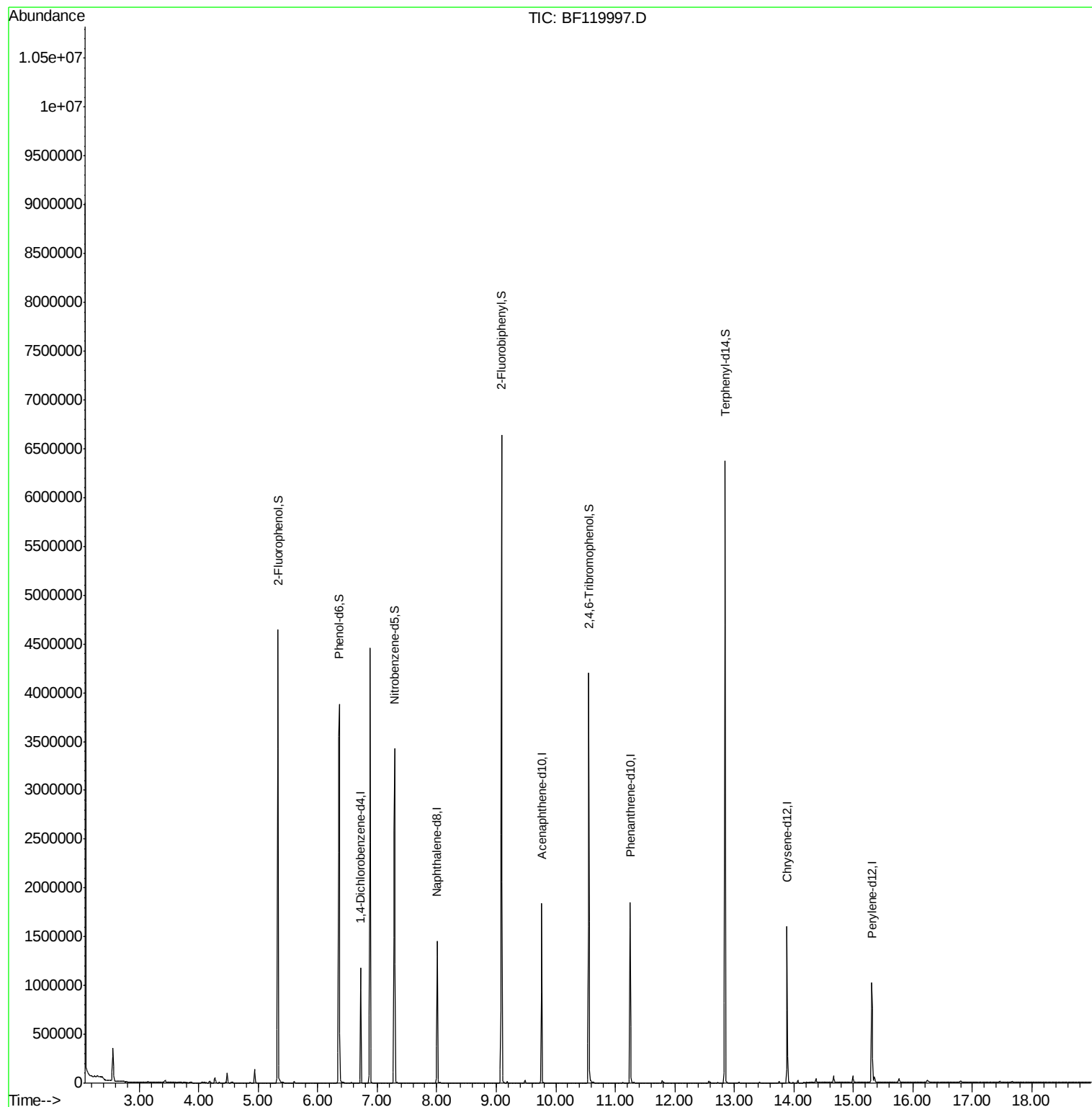
Target Compounds Qvalue

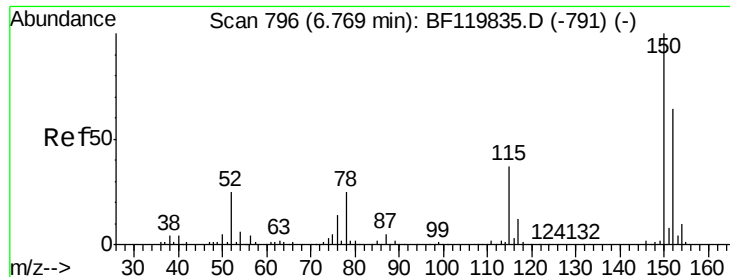
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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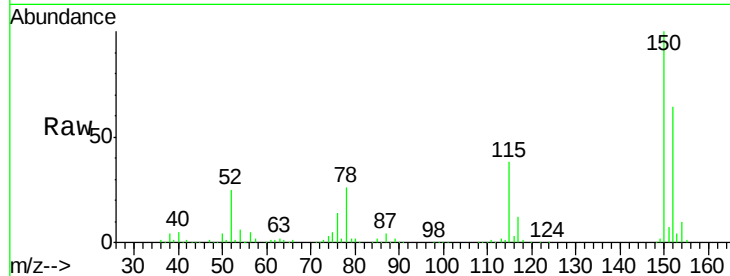


#1

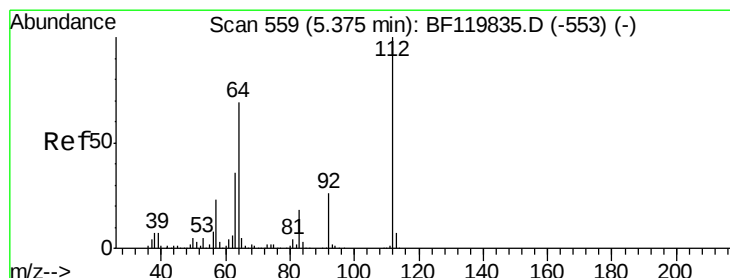
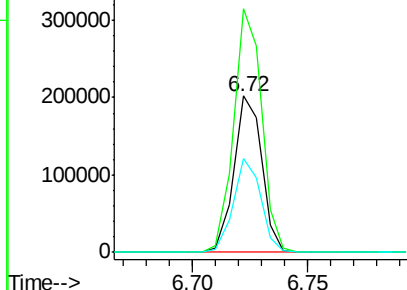
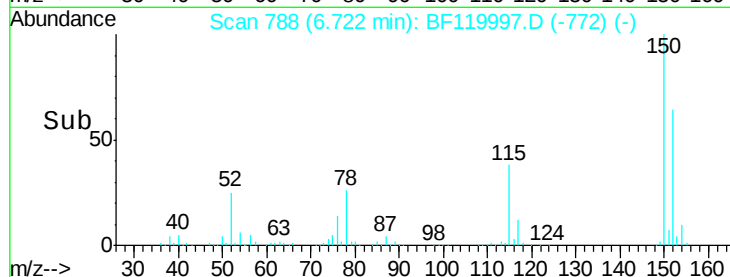
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119997.D
Acq: 15 Apr 2020 16:49

Instrument :
BNA_F
ClientSampleId :
TP-21B

Tot Ion:152 Resp: 169909
Ion Ratio Lower Upper
152 100
150 155.9 124.8 187.2
115 59.8 46.5 69.7



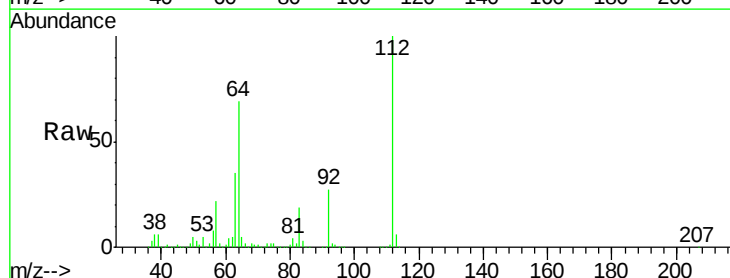
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



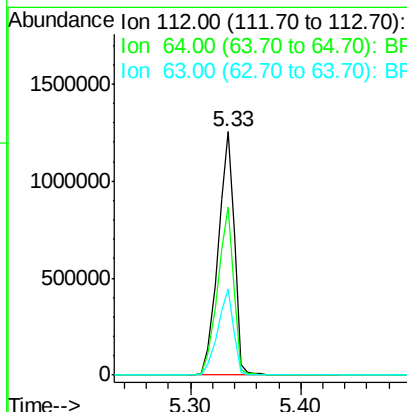
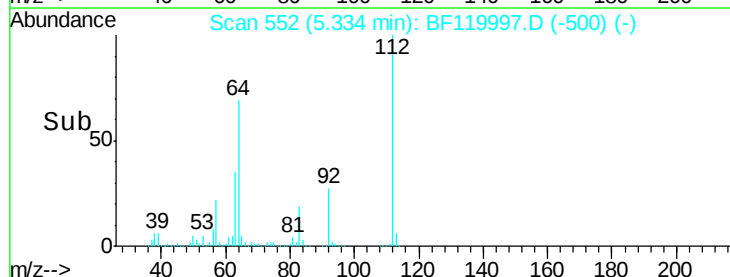
#5

2-Fluorophenol
Concen: 129.625 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF119997.D
Acq: 15 Apr 2020 16:49

Tgt Ion:112 Resp: 1274429
Ion Ratio Lower Upper
112 100
64 69.1 55.5 83.3
63 35.4 29.1 43.7



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: 119.157 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-21B

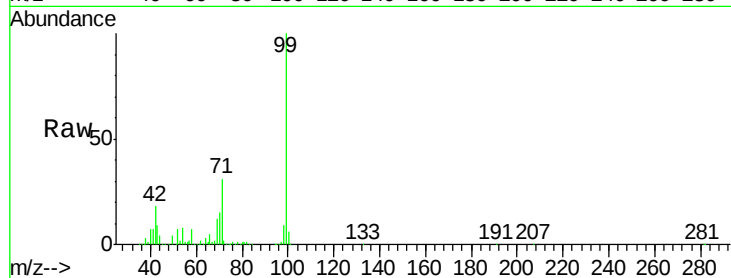
Tot Ion: 99 Resp: 1509543

Ion Ratio Lower Upper

99 100

42 17.9 16.9 25.3

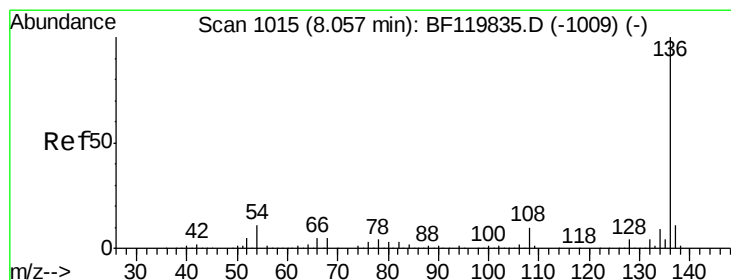
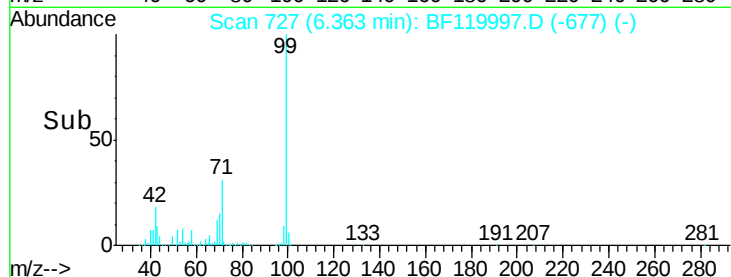
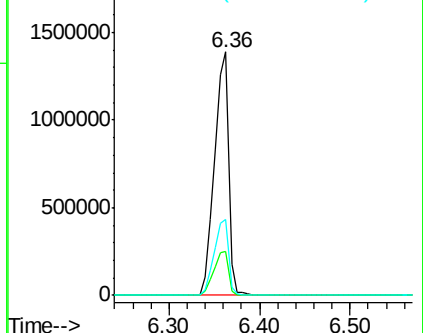
71 31.4 26.3 39.5



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

Tgt Ion: 136 Resp: 643905

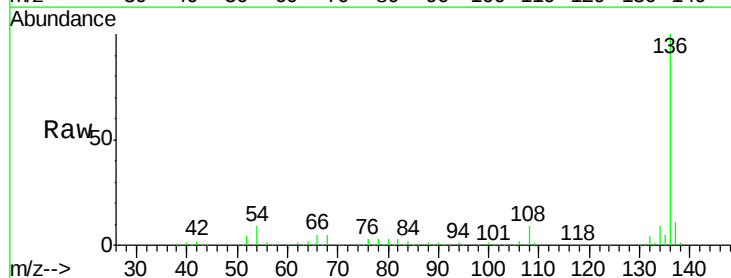
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.2 8.5 12.7

68 5.2 3.9 5.9

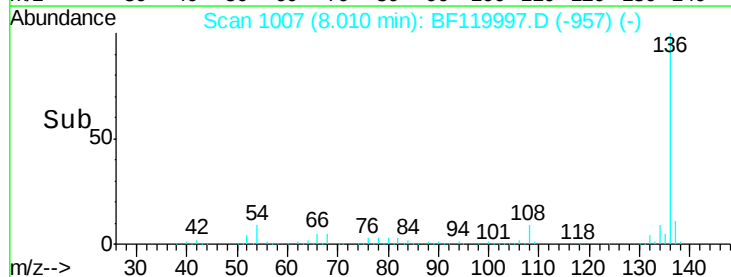
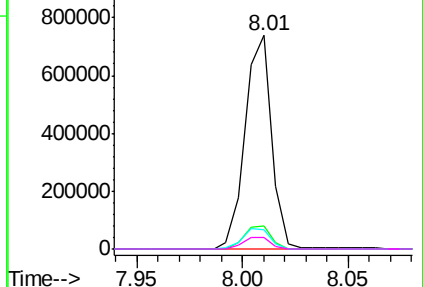


Abundance Ion 136.00 (135.70 to 136.70): E

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

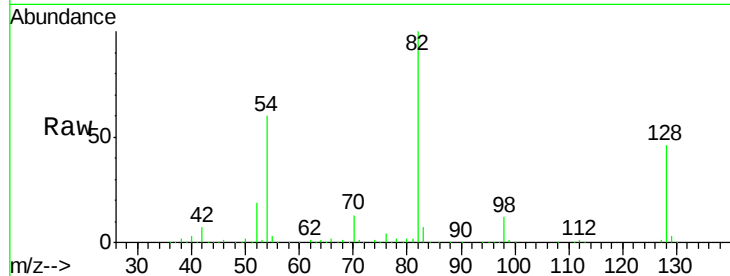




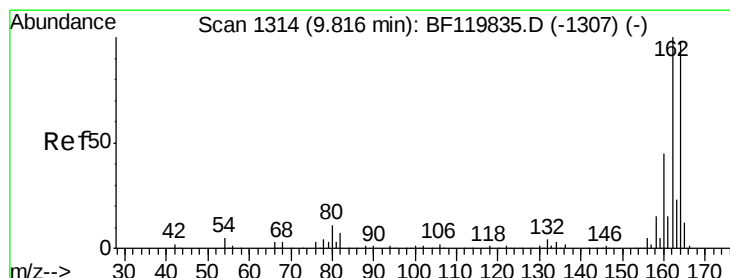
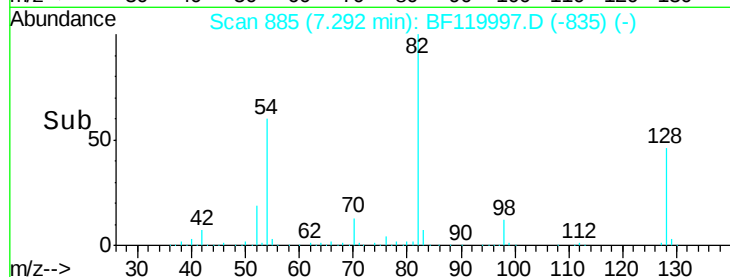
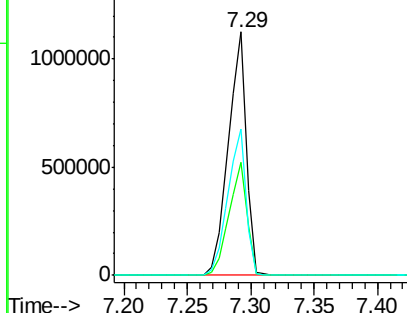
#23
 Nitrobenzene-d5
 Concen: 88.456 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

Tot Ion: 82 Resp: 1100970
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.2 54.4
 54 59.9 50.4 75.6

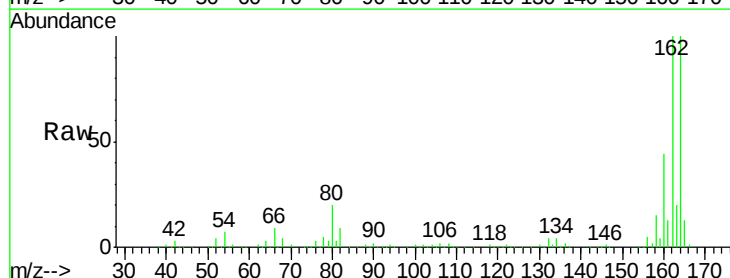


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

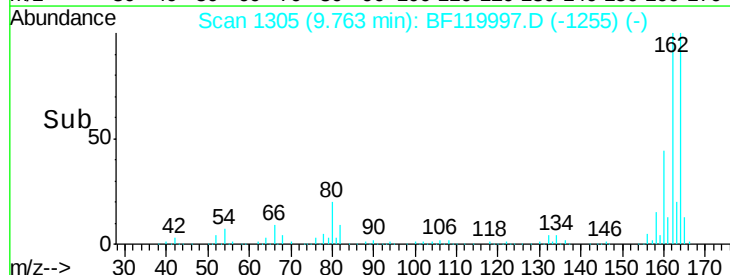
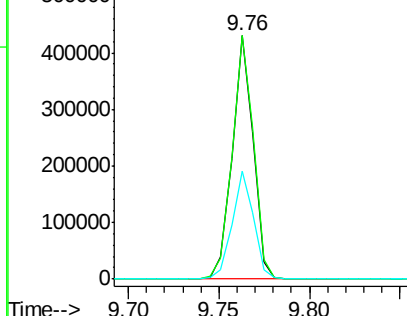


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

Tgt Ion:164 Resp: 348162
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.9 122.9
 160 44.5 36.6 54.8



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

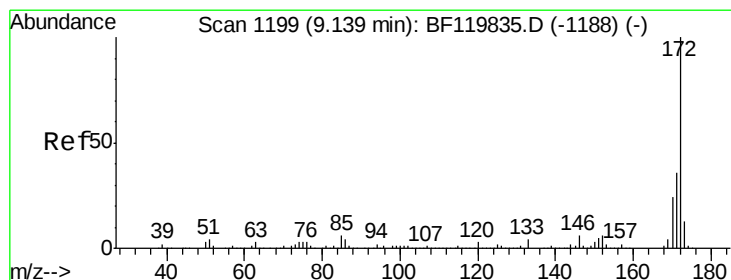
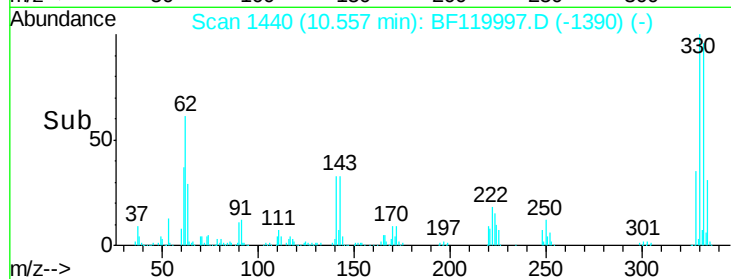
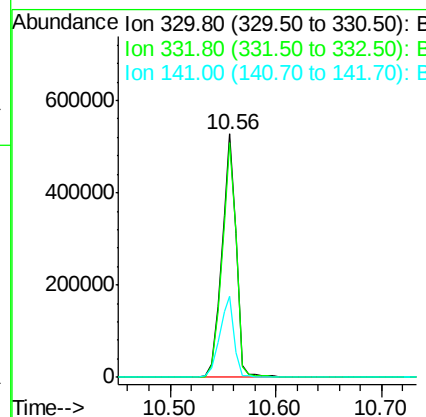
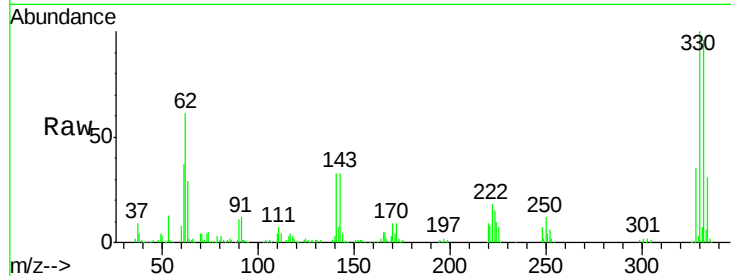




#42
 2,4,6-Tribromophenol
 Concen: 118.916 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

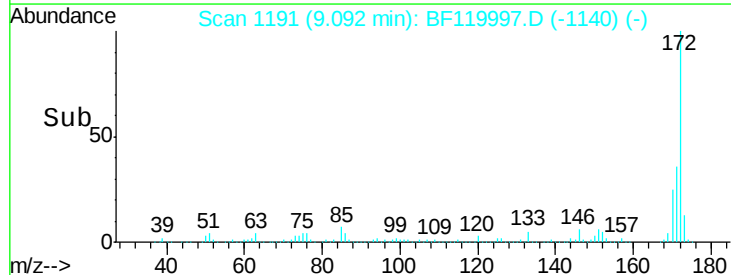
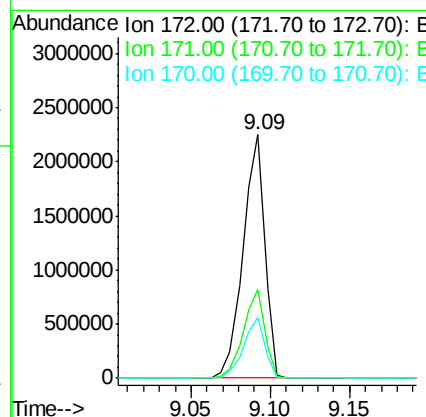
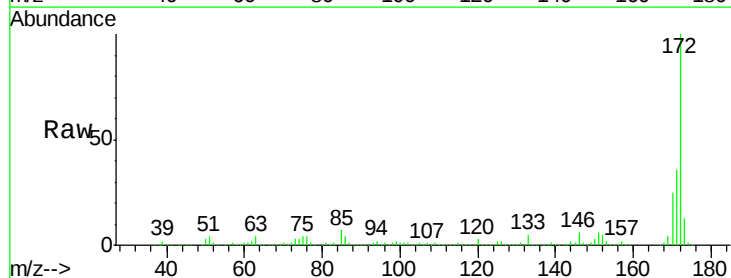
Instrument :
 BNA_F
 ClientSampleId :
 TP-21B

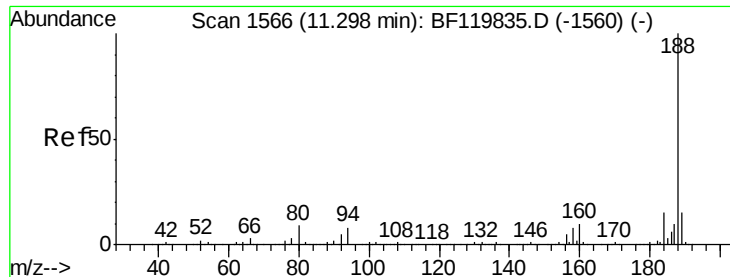
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	34.0	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 86.784 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119997.D
 Acq: 15 Apr 2020 16:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.7	19.4	29.2

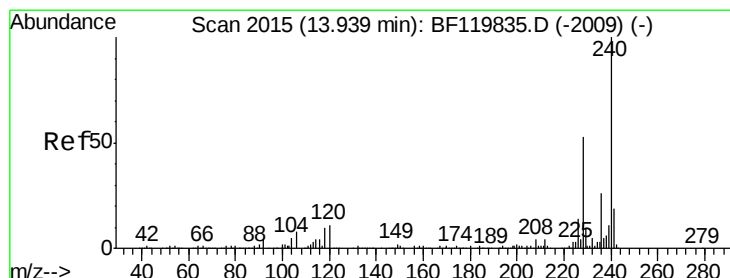
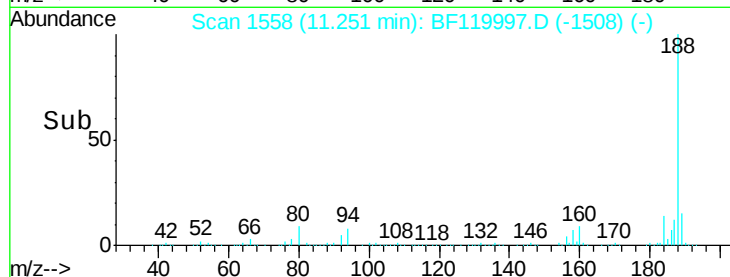
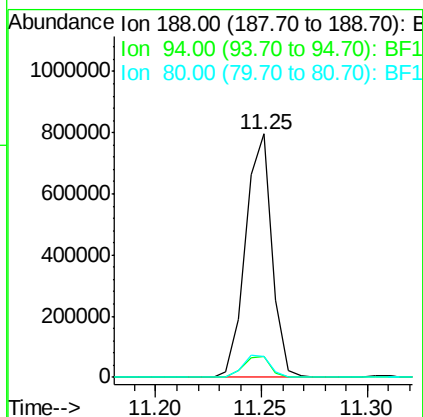
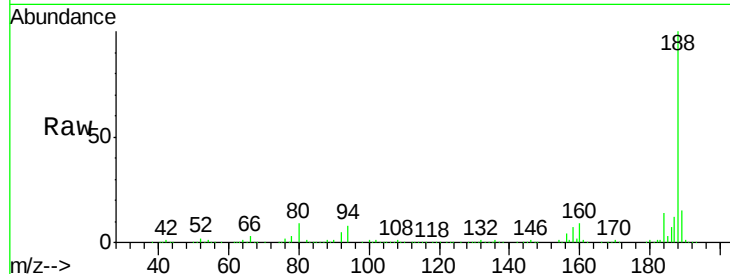




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119997.D
Acq: 15 Apr 2020 16:49

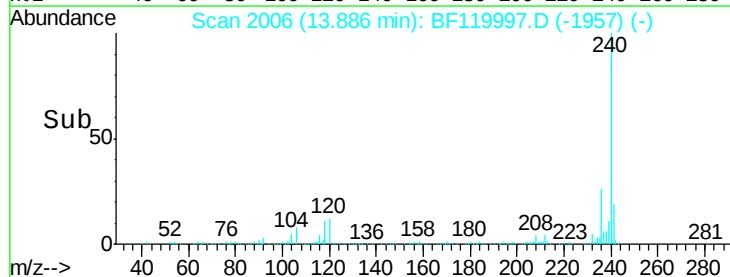
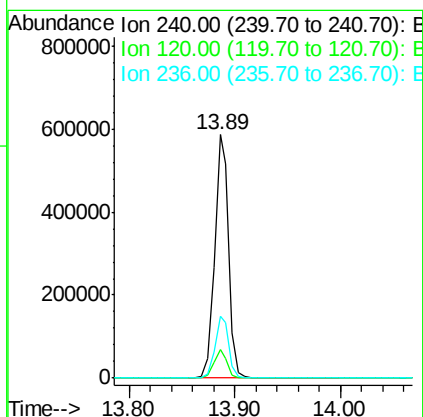
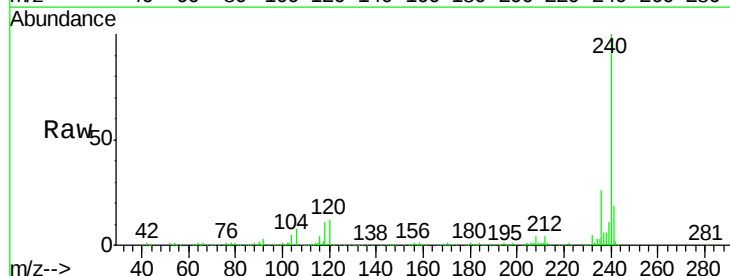
Instrument :
BNA_F
ClientSampled :
TP-21B

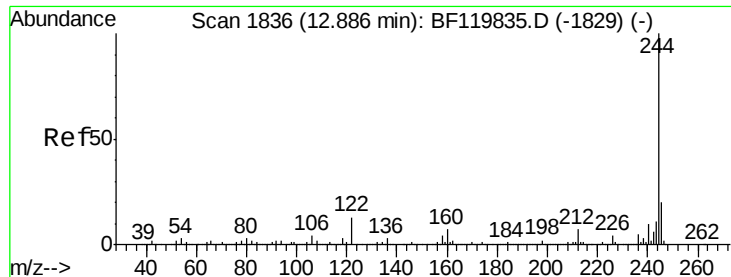
Tot Ion:188 Resp: 690855
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.7 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF119997.D
Acq: 15 Apr 2020 16:49

Tgt Ion:240 Resp: 548349
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.6
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 79.653 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

Instrument :

BNA_F

ClientSampleId :

TP-21B

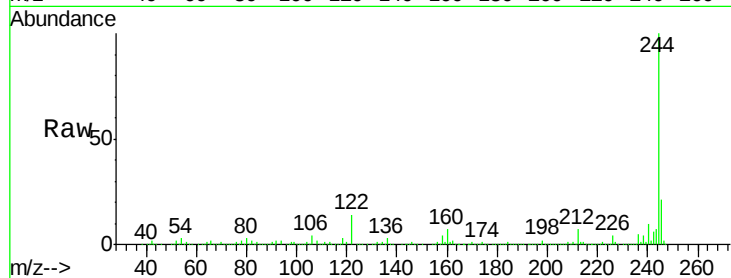
Tot Ion:244 Resp: 2595767

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

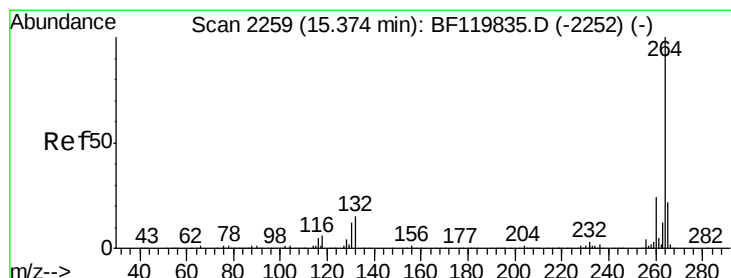
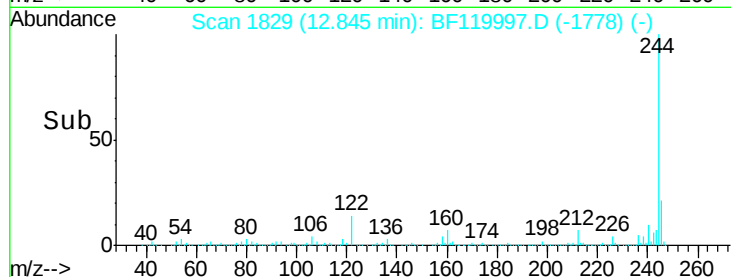
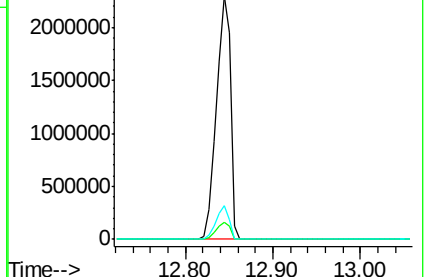
122 13.7 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF119997.D

Acq: 15 Apr 2020 16:49

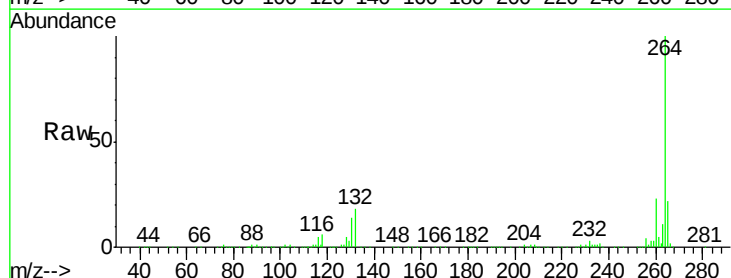
Tgt Ion:264 Resp: 444055

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 21.8 17.6 26.4



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

