

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119993.D
 Acq On : 15 Apr 2020 15:01
 Operator : MA/SJ
 Sample : L2245-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-23B

Quant Time: Apr 15 16:53:15 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	182801	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	699485	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	374053	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	742107	20.00	ng	0.00
76) Chrysene-d12	13.89	240	585252	20.00	ng	-0.01
87) Perylene-d12	15.31	264	469061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1455091	137.56	ng	0.01
7) Phenol-d6	6.36	99	1666946	122.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	1278967	94.59	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	573121	125.14	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2358875	89.54	ng	0.00
79) Terphenyl-d14	12.85	244	2829642	81.35	ng	0.00

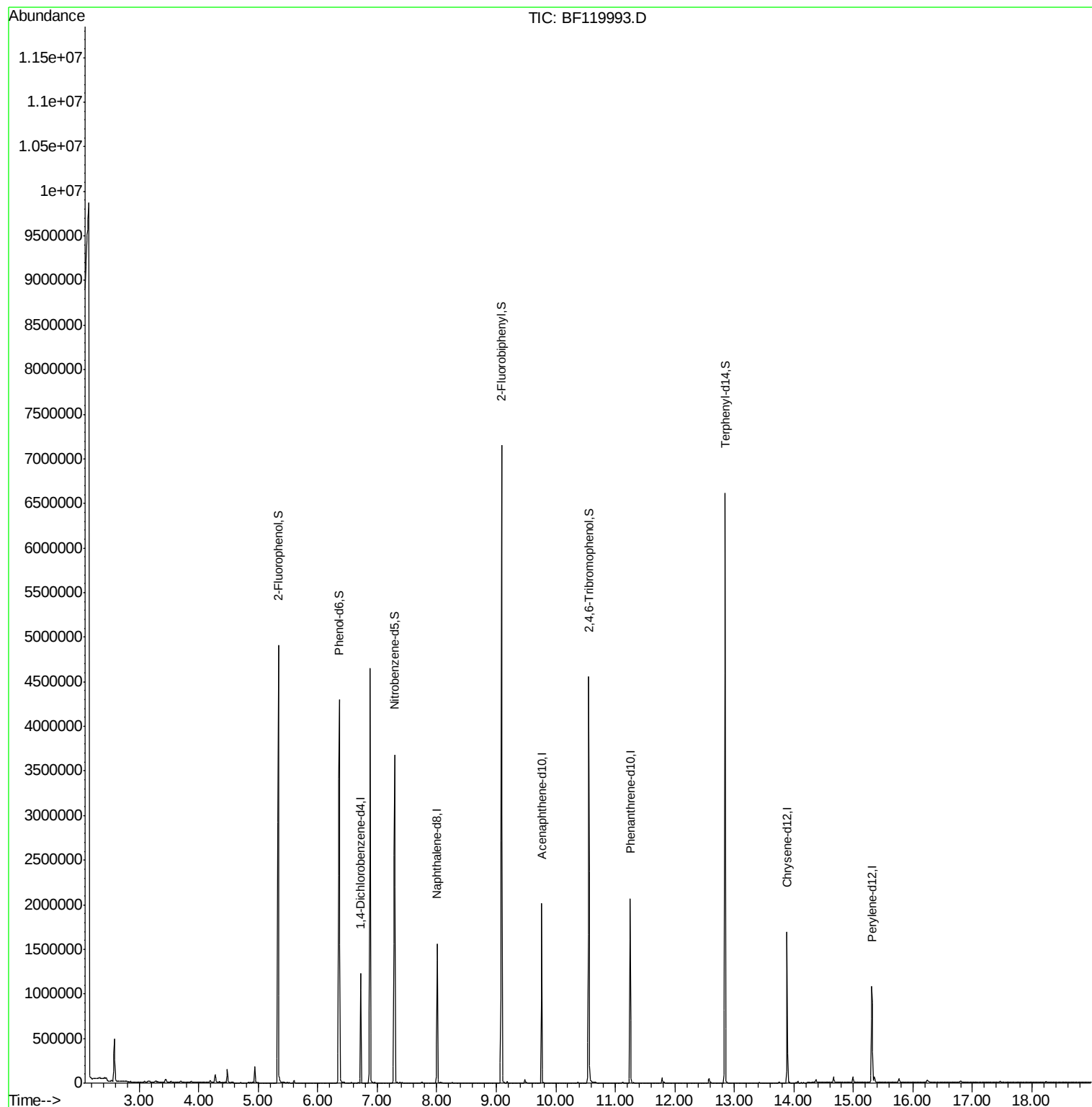
Target Compounds Qvalue

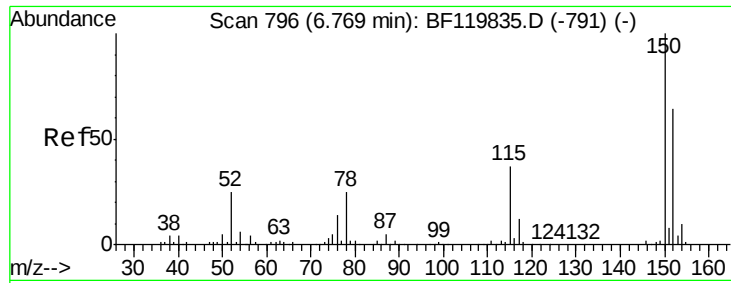
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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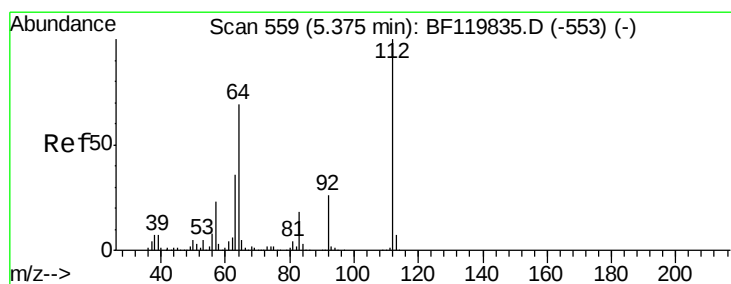
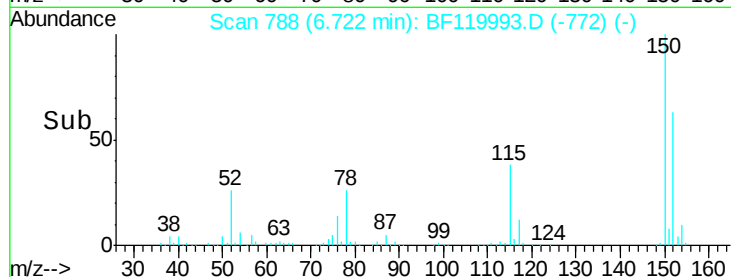
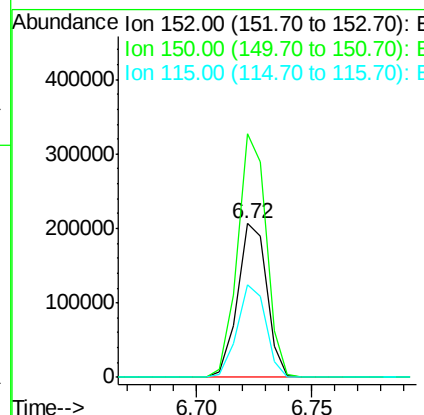
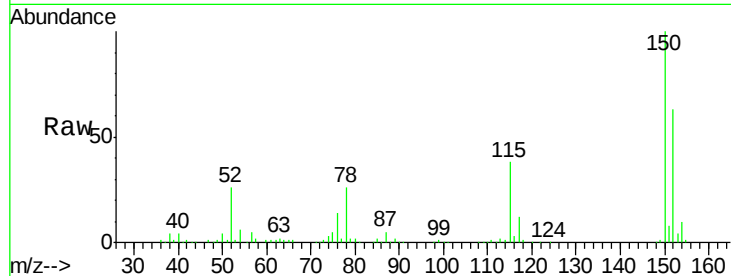




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF119993.D
 Acq: 15 Apr 2020 15:01

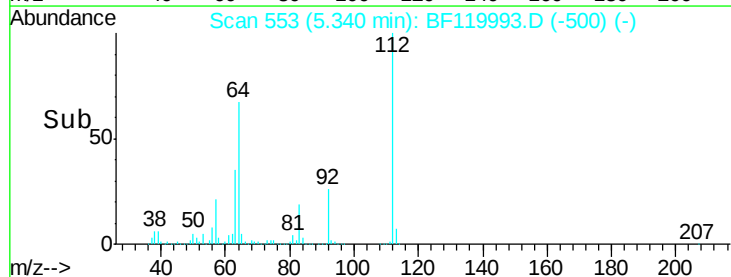
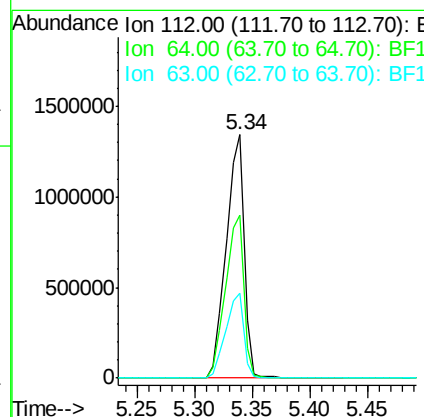
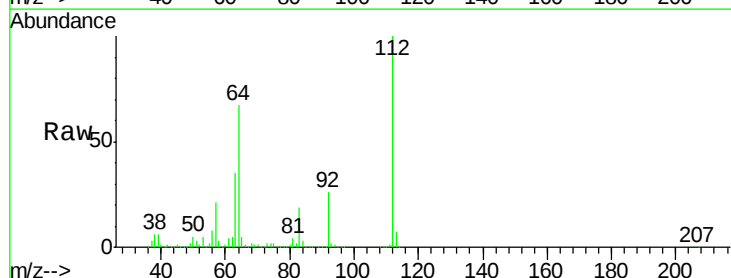
Instrument :
 BNA_F
 ClientSampled :
 TP-23B

Tot Ion:152 Resp: 182801
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.8 187.2
 115 60.5 46.5 69.7



#5
 2-Fluorophenol
 Concen: 137.563 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF119993.D
 Acq: 15 Apr 2020 15:01

Tgt Ion:112 Resp: 1455091
 Ion Ratio Lower Upper
 112 100
 64 66.8 55.5 83.3
 63 34.9 29.1 43.7





#7

Phenol-d6

Concen: 122.302 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119993.D

Acq: 15 Apr 2020 15:01

Instrument :

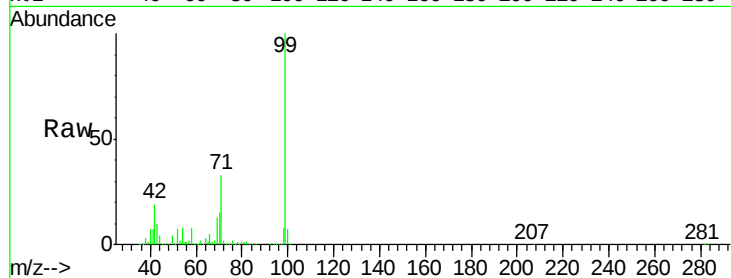
BNA_F

ClientSampleId :

TP-23B

Tot Ion: 99 Resp: 1666946

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.9	25.3
71	32.6	26.3	39.5

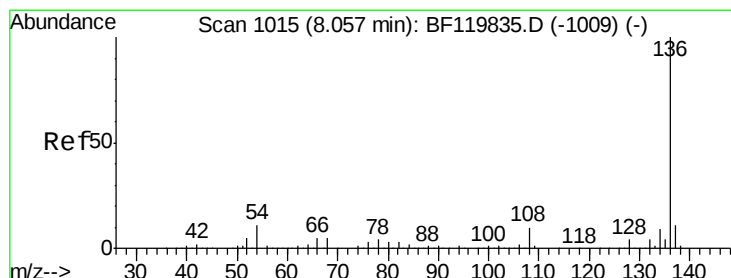
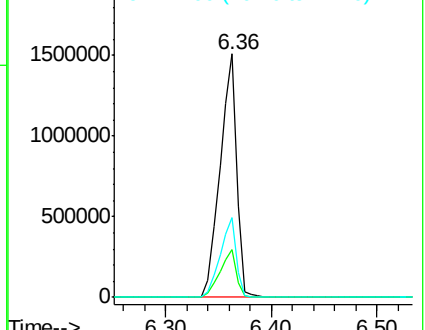
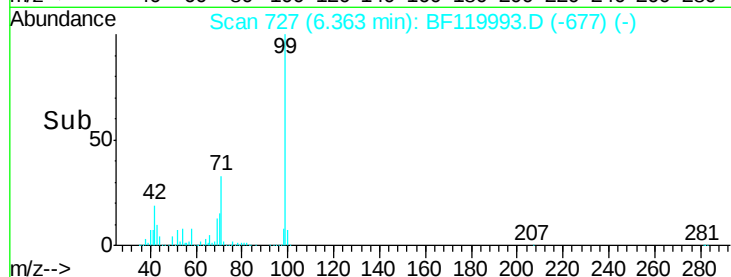


Abundance

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

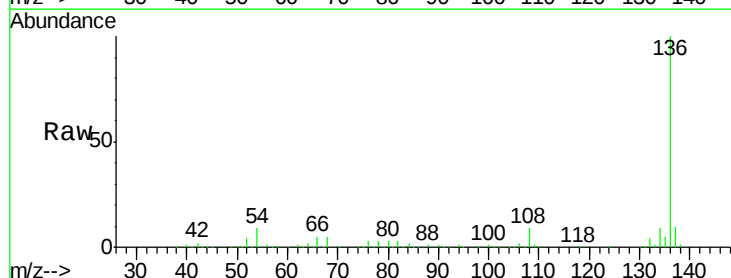
Delta R.T. -0.01 min

Lab File: BF119993.D

Acq: 15 Apr 2020 15:01

Tgt Ion: 136 Resp: 699485

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	8.8	8.5	12.7
68	5.2	3.9	5.9



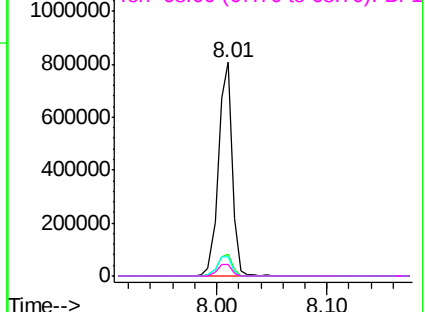
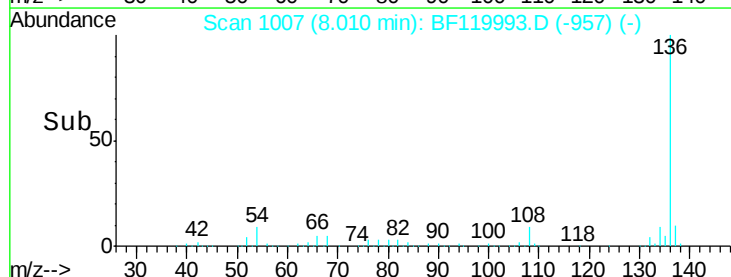
Abundance

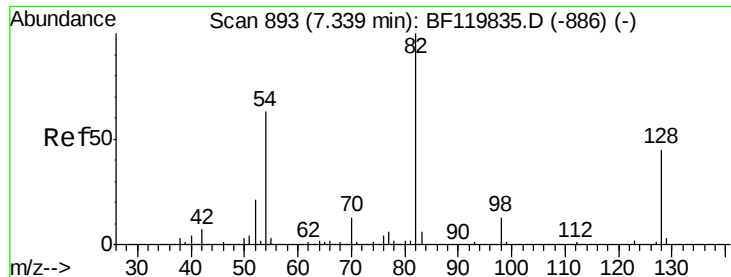
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



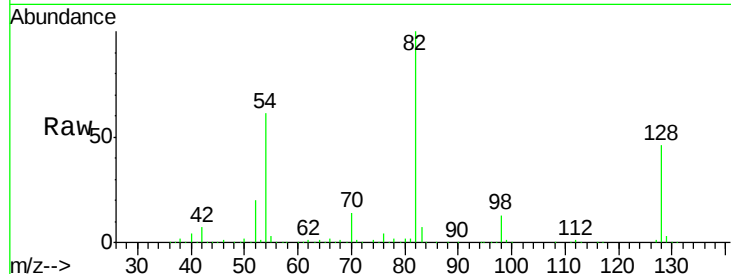


#23
 Nitrobenzene-d5
 Concen: 94.592 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF119993.D
 Acq: 15 Apr 2020 15:01

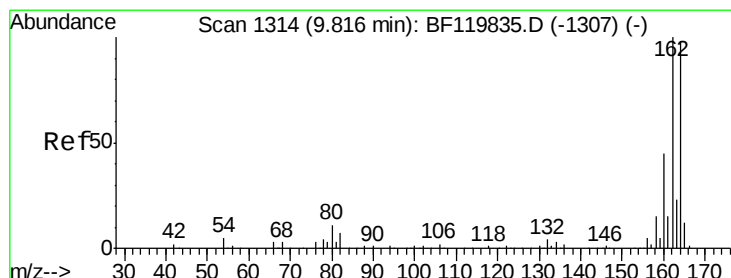
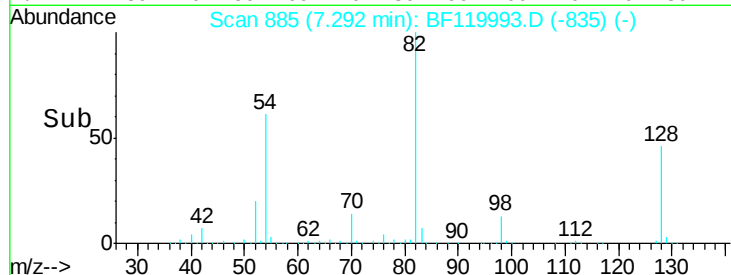
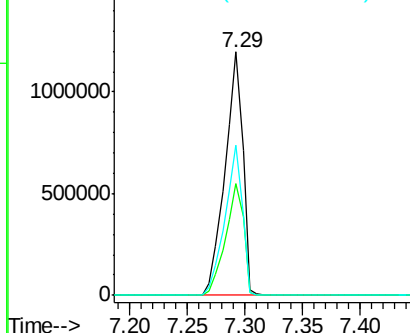
Instrument :
 BNA_F
 ClientSampleId :
 TP-23B

Tot Ion: 82 Resp: 1278967

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.2	54.4
54	61.5	50.4	75.6



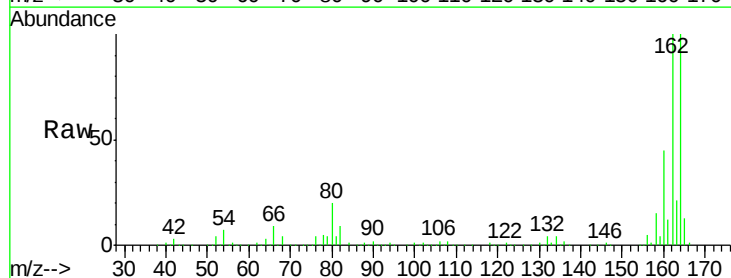
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



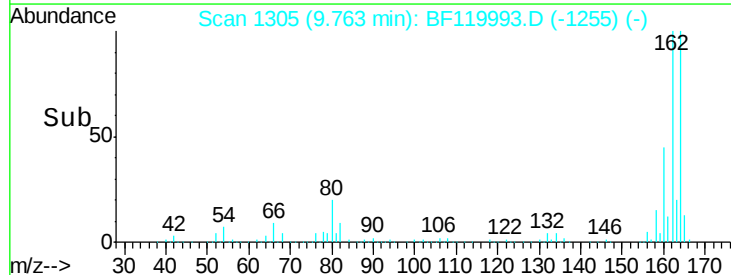
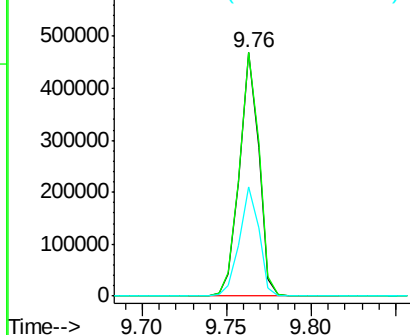
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119993.D
 Acq: 15 Apr 2020 15:01

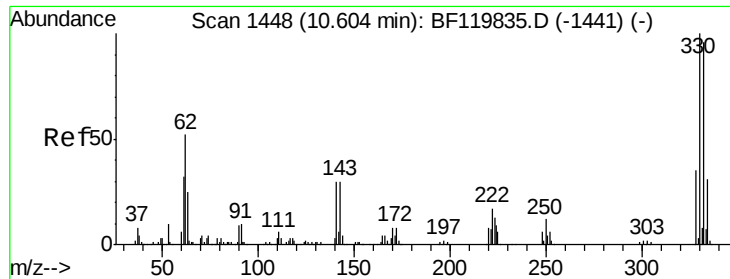
Tgt Ion: 164 Resp: 374053

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.9	122.9
160	44.7	36.6	54.8



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

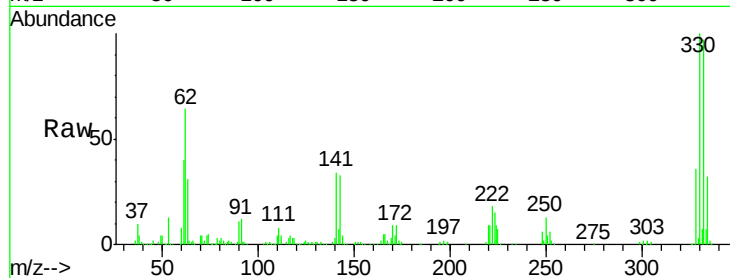




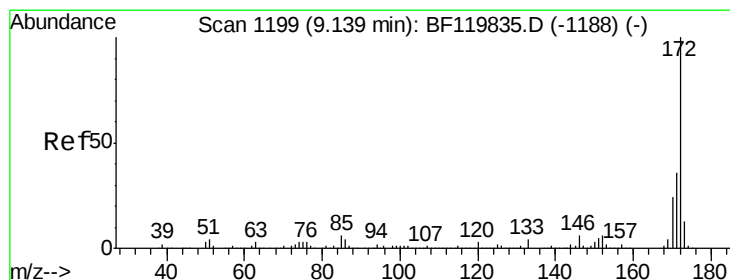
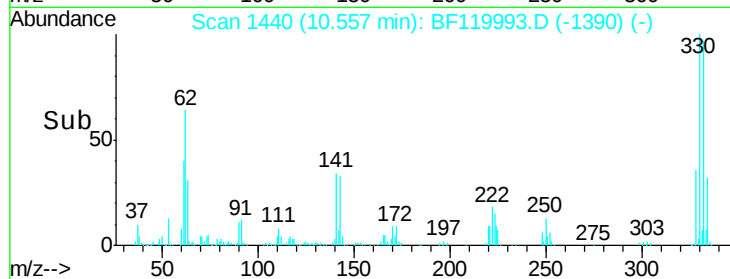
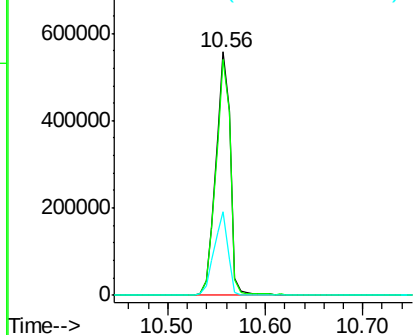
#42
 2,4,6-Tribromophenol
 Concen: 125.144 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119993.D
 Acq: 15 Apr 2020 15:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-23B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	33.2	25.1	37.7

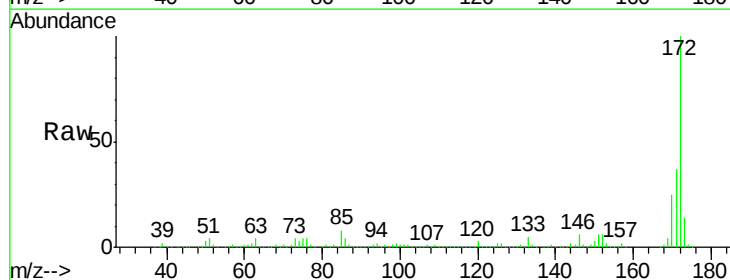


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

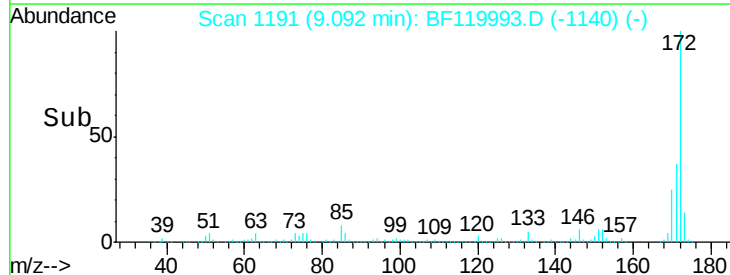
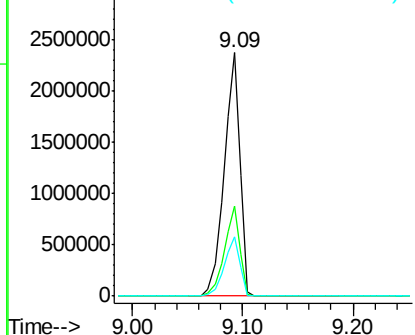


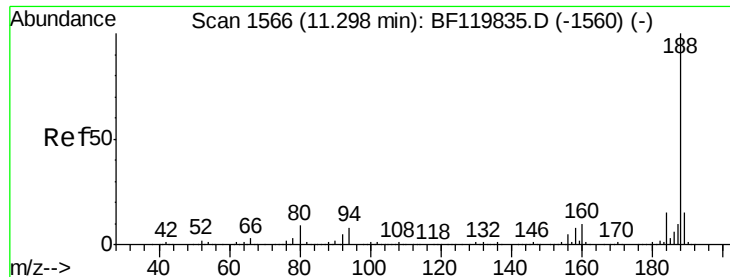
#45
 2-Fluorobiphenyl
 Concen: 89.535 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119993.D
 Acq: 15 Apr 2020 15:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.5	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

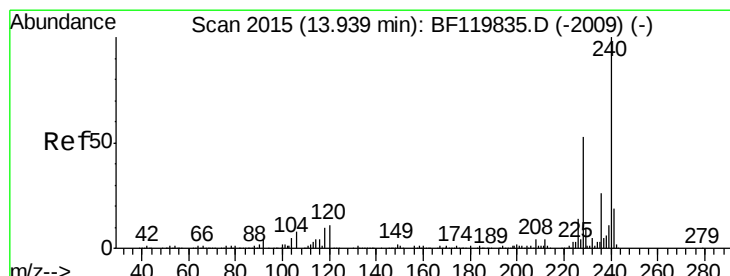
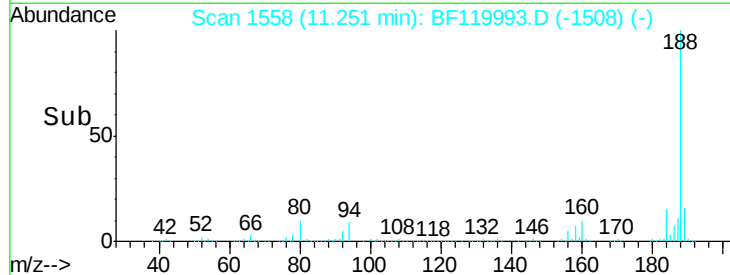
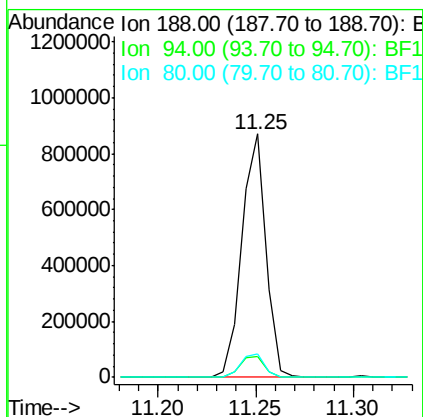
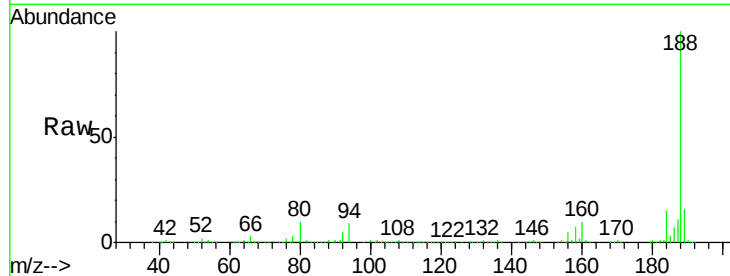




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119993.D
Acq: 15 Apr 2020 15:01

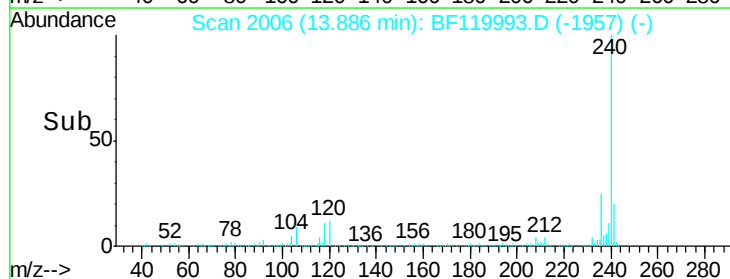
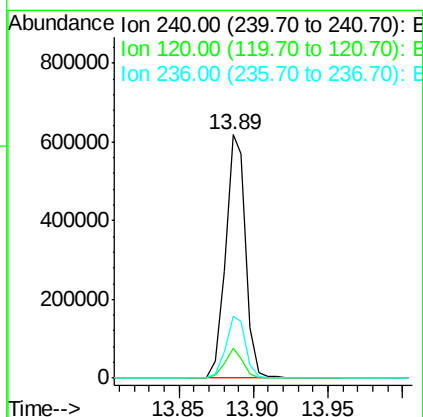
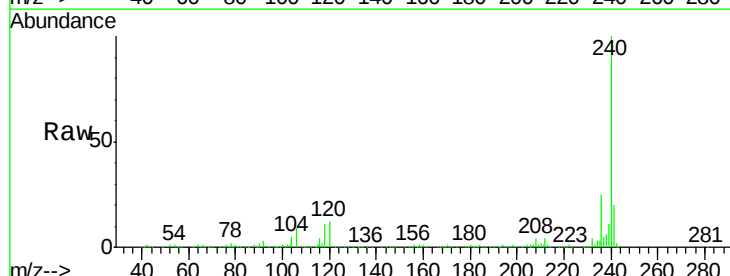
Instrument :
BNA_F
ClientSampleID :
TP-23B

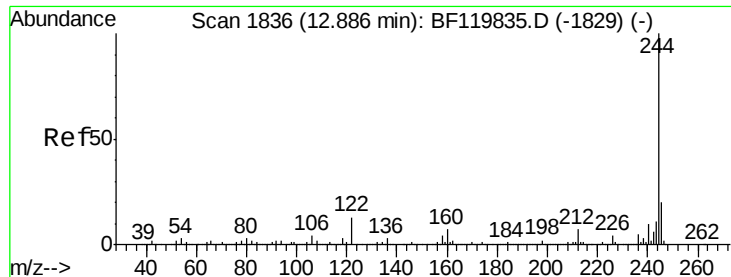
Tot Ion:188 Resp: 742107
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.6 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF119993.D
Acq: 15 Apr 2020 15:01

Tgt Ion:240 Resp: 585252
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.6
236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 81.355 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF119993.D

Acq: 15 Apr 2020 15:01

Instrument :

BNA_F

ClientSampleId :

TP-23B

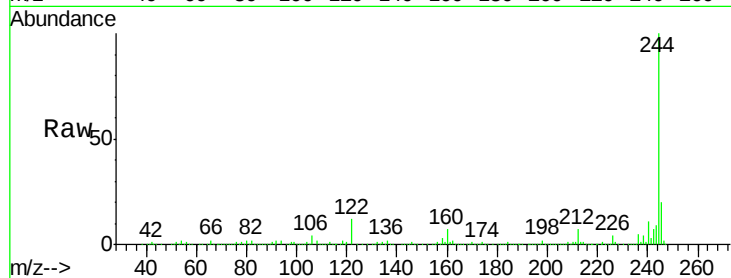
Tot Ion:244 Resp: 2829642

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

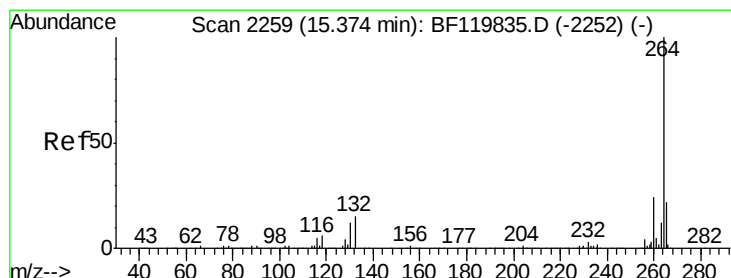
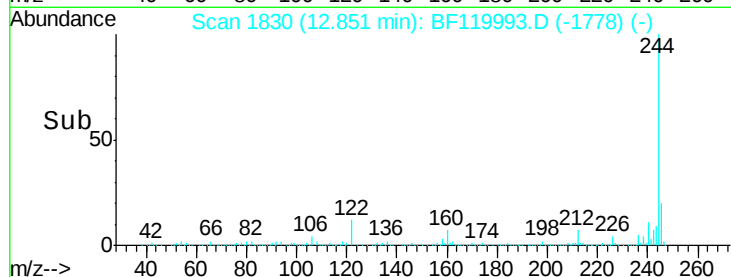
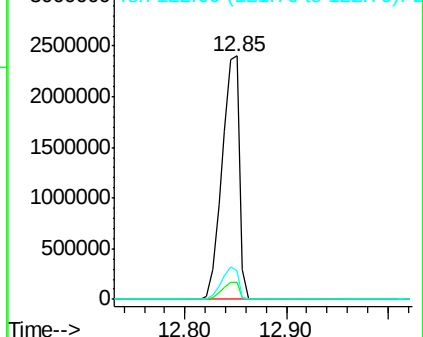
122 11.6 10.3 15.5



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: BF119993.D

Acq: 15 Apr 2020 15:01

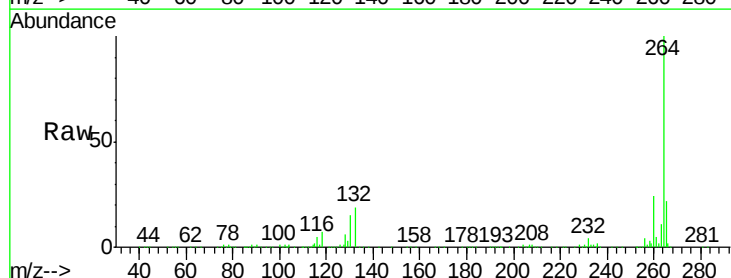
Tgt Ion:264 Resp: 469061

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.0 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

