

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119277.D
 Acq On : 7 Mar 2020 5:27
 Operator : CG/JU
 Sample : PB127331BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BL

Quant Time: Mar 09 04:29:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	98137	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	356074	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	179817	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	294529	20.00	ng	0.00
76) Chrysene-d12	13.88	240	267068	20.00	ng	0.00
87) Perylene-d12	15.31	264	249881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	340804	58.04	ng	0.00
7) Phenol-d6	6.38	99	251380	35.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	613583	90.98	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	269854	114.72	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1199789	98.29	ng	0.00
79) Terphenyl-d14	12.82	244	1310736	84.50	ng	0.00

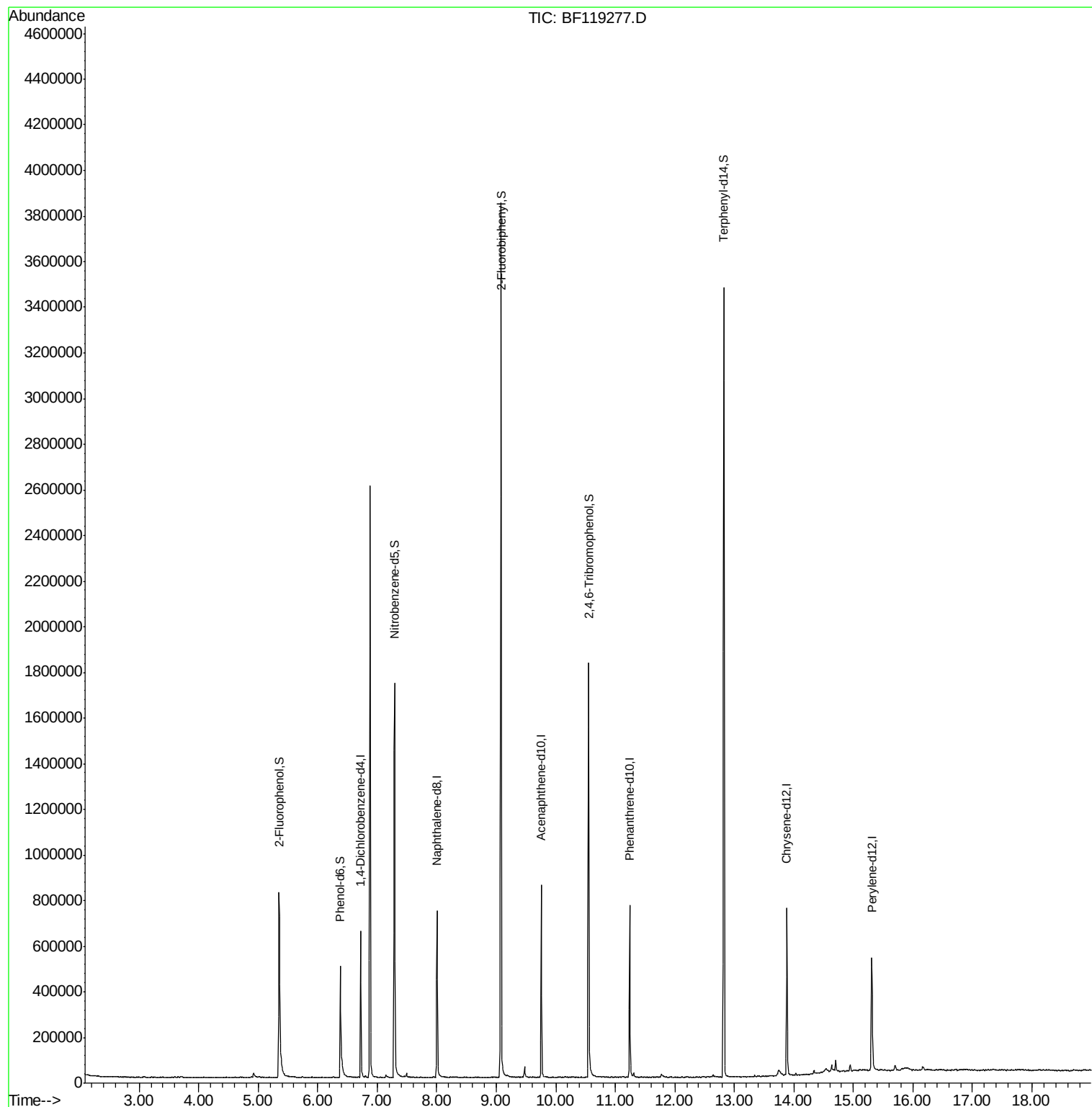
Target Compounds Qvalue

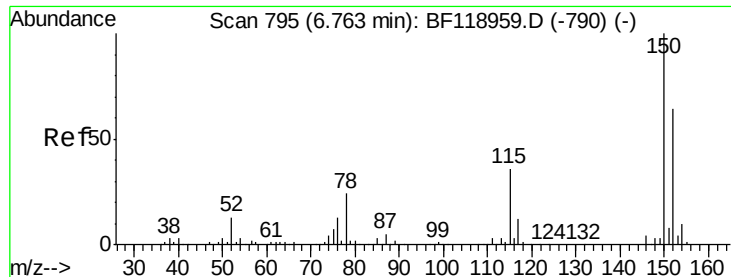
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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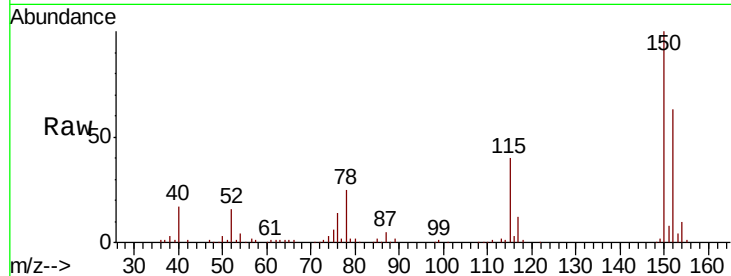


#1

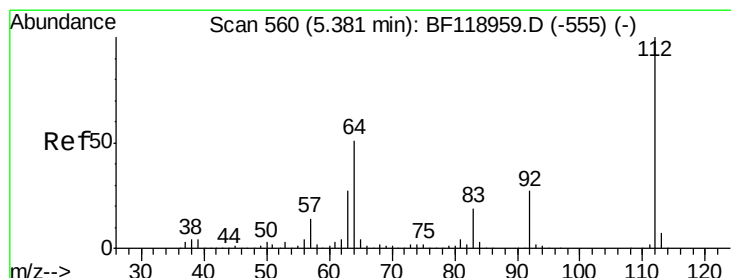
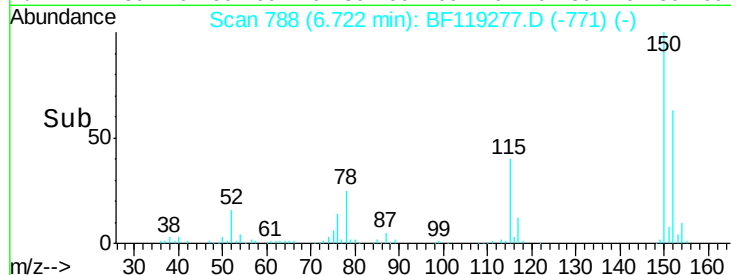
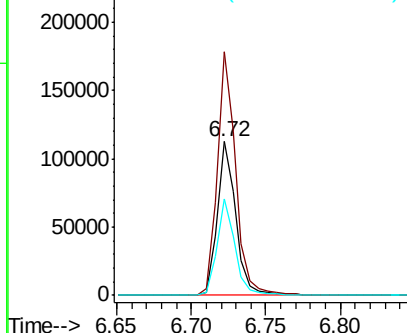
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

Instrument :
BNA_F
ClientSampleId :
PB127331BL

Tot Ion:152 Resp: 98137
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.6
115 62.6 49.5 74.3



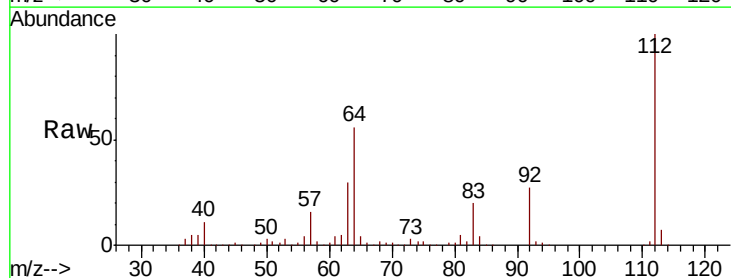
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



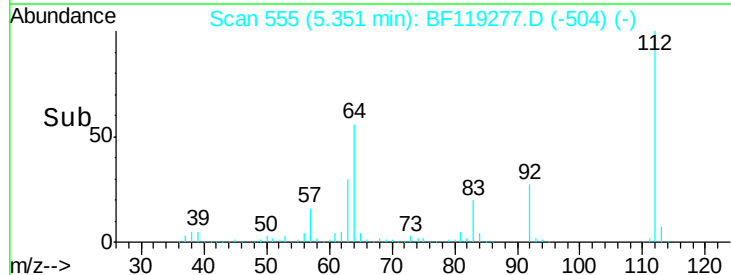
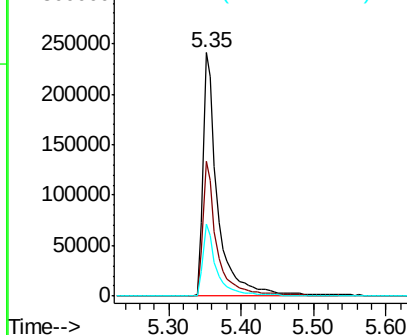
#5

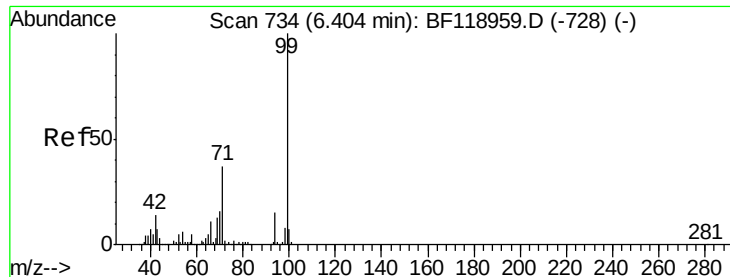
2-Fluorophenol
Concen: 58.036 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119277.D
Acq: 7 Mar 2020 5:27

Tgt Ion:112 Resp: 340804
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.4
63 29.8 24.2 36.4



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: 35.198 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Instrument :

BNA_F

ClientSampleId :

PB127331BL

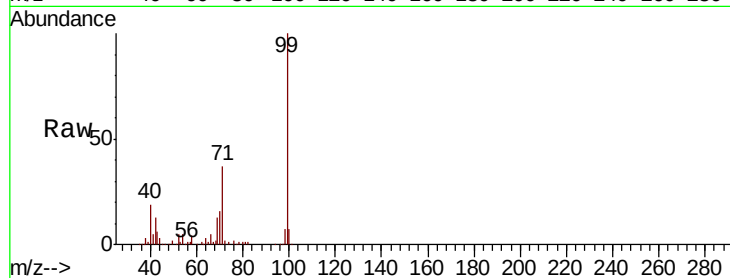
Tot Ion: 99 Resp: 251380

Ion Ratio Lower Upper

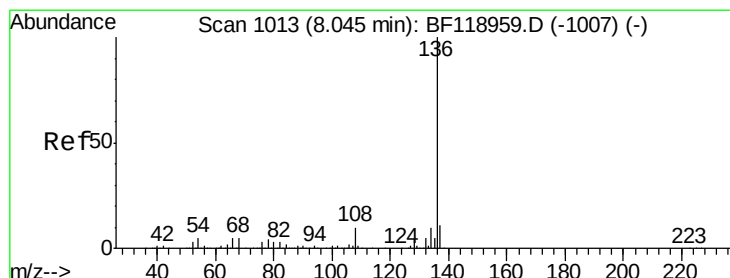
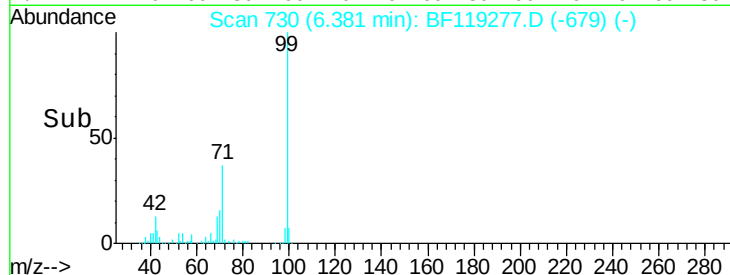
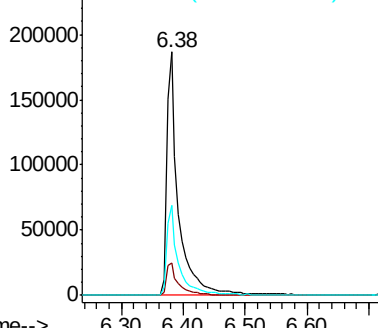
99 100

42 13.3 12.6 18.8

71 36.9 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Tgt Ion: 136 Resp: 356074

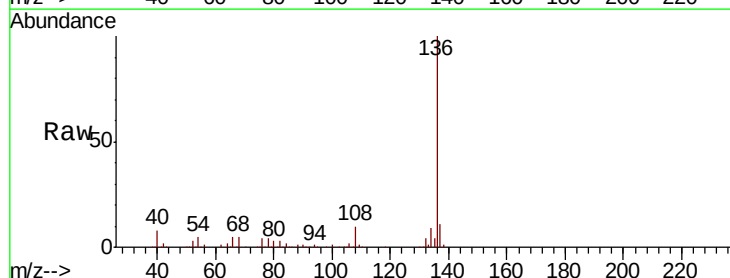
Ion Ratio Lower Upper

136 100

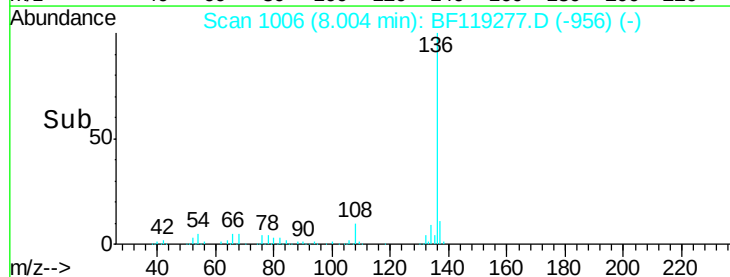
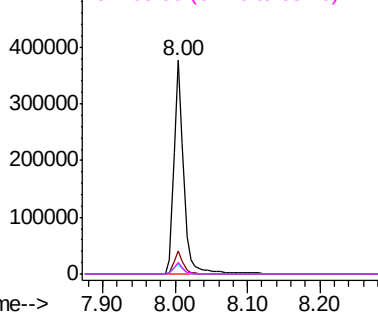
137 10.9 8.8 13.2

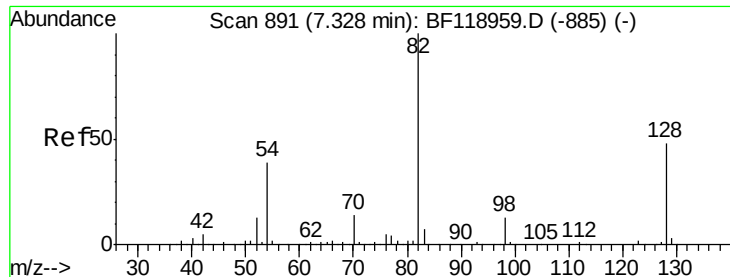
54 5.0 3.8 5.6

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

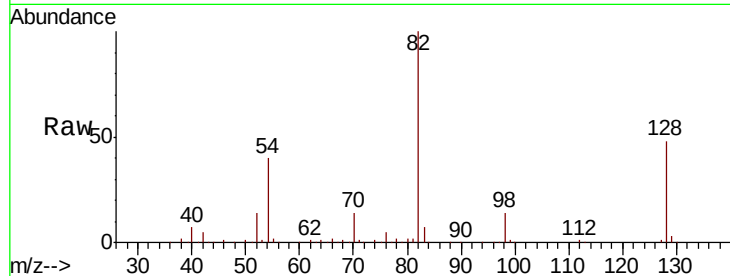




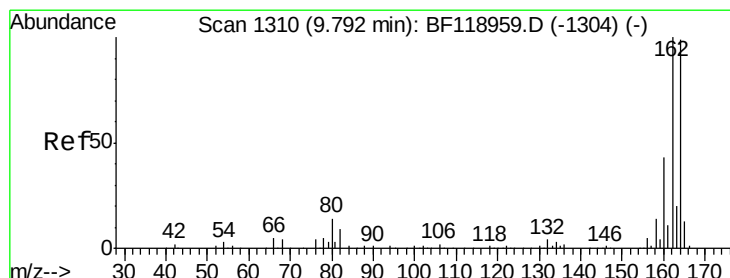
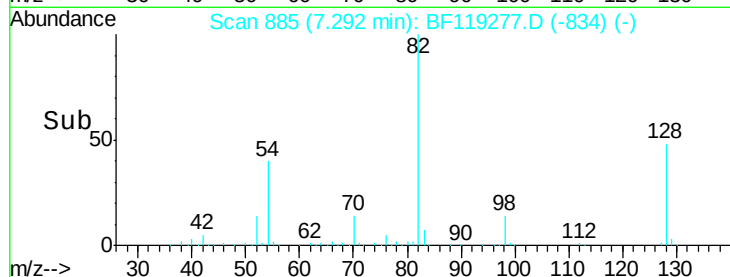
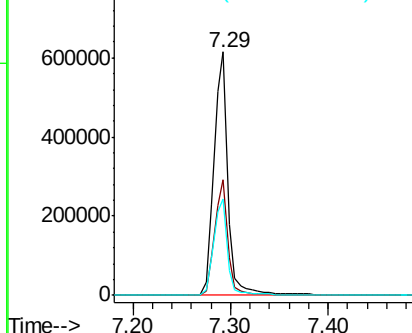
#23
 Nitrobenzene-d5
 Concen: 90.984 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119277.D
 Acq: 7 Mar 2020 5:27

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BL

Tot Ion	82	Resp	613583
Ion Ratio	Lower	Upper	
82	100		
128	47.6	37.9	56.9
54	39.8	33.4	50.2

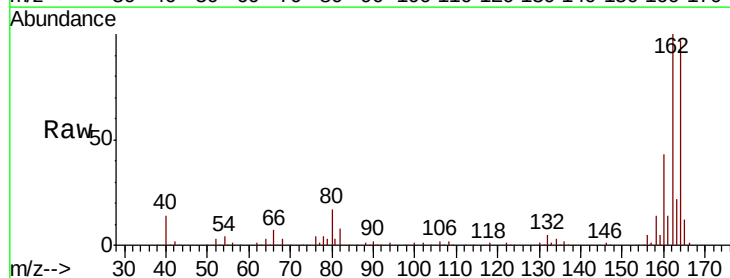


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

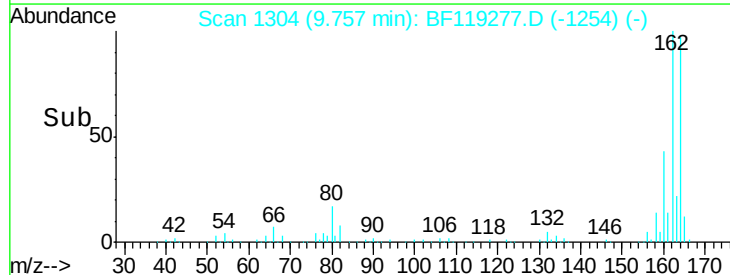
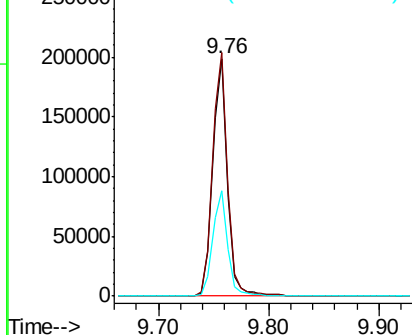


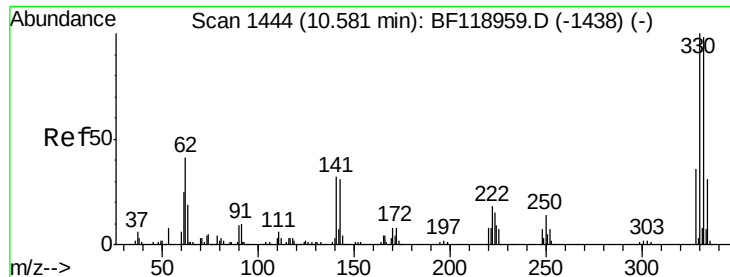
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119277.D
 Acq: 7 Mar 2020 5:27

Tgt Ion	164	Resp	179817
Ion Ratio	Lower	Upper	
164	100		
162	102.6	81.8	122.8
160	44.4	36.0	54.0



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

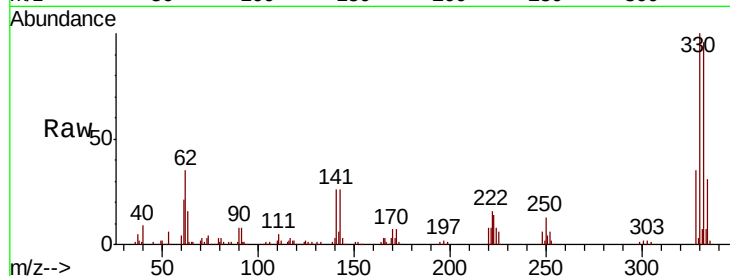




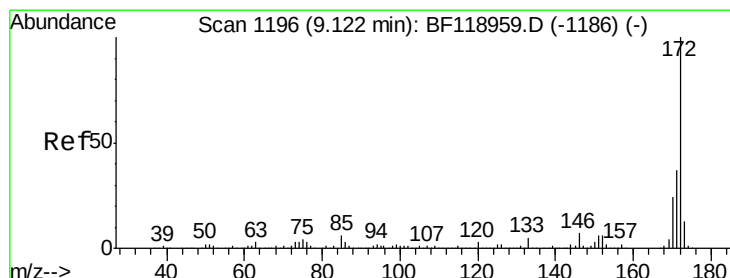
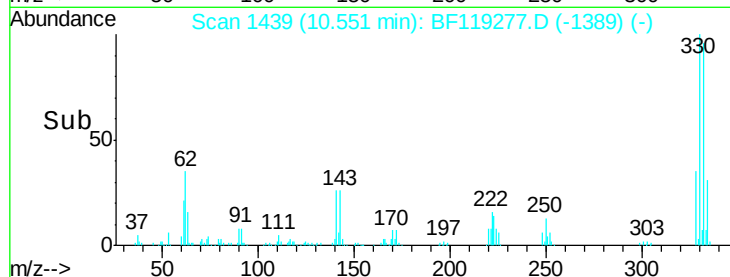
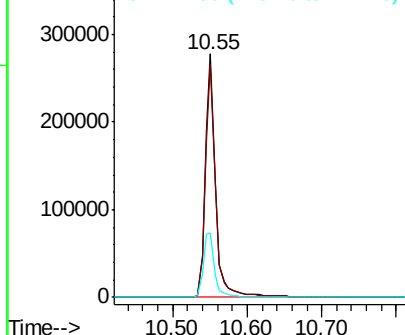
#42
 2,4,6-Tribromophenol
 Concen: 114.719 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119277.D
 Acq: 7 Mar 2020 5:27

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BL

Tot Ion:330 Resp: 269854
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.0 114.0
 141 29.7 22.9 34.3

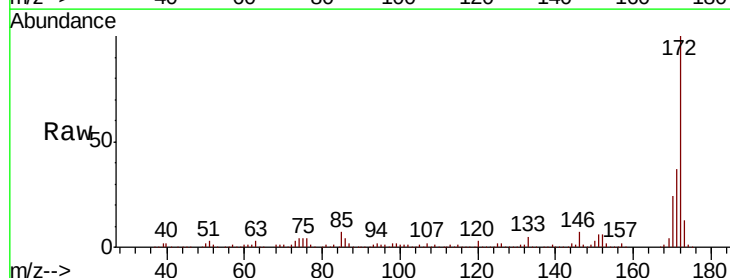


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

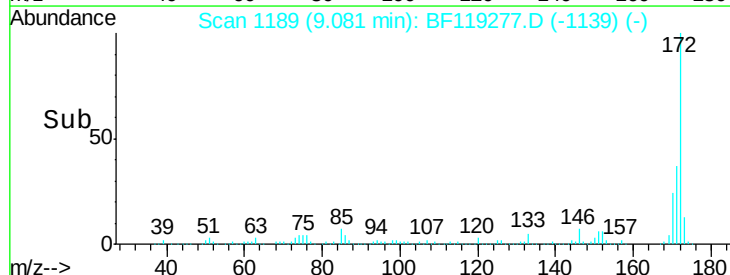
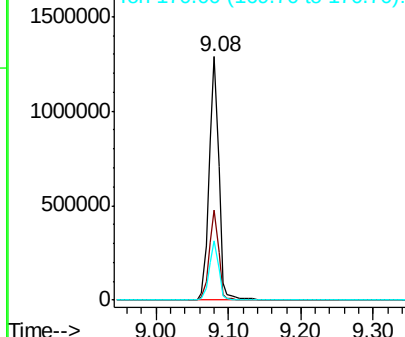


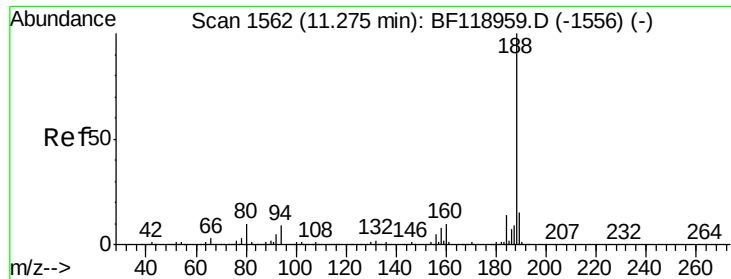
#45
 2-Fluorobiphenyl
 Concen: 98.294 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119277.D
 Acq: 7 Mar 2020 5:27

Tgt Ion:172 Resp: 1199789
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 45.8
 170 24.3 20.2 30.2



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Instrument :

BNA_F

ClientSampleId :

PB127331BL

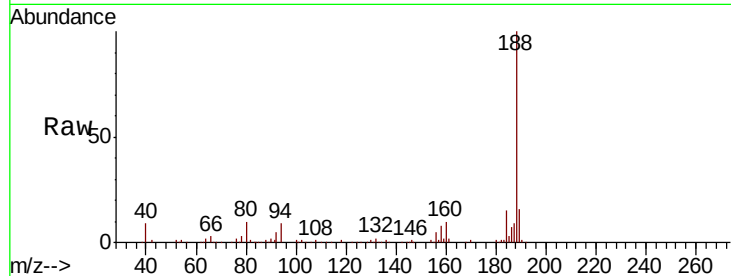
Tot Ion:188 Resp: 294529

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

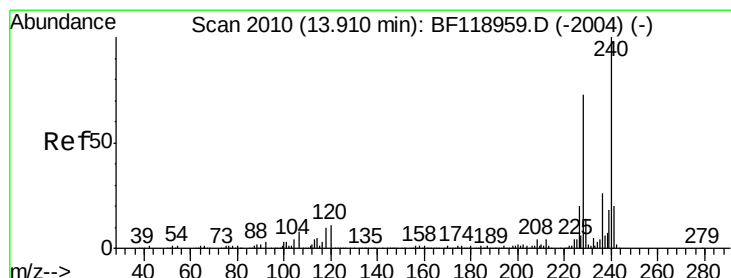
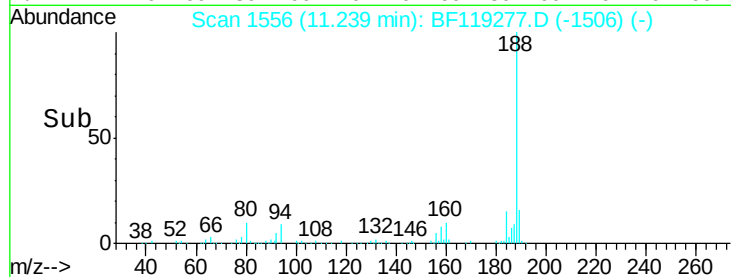
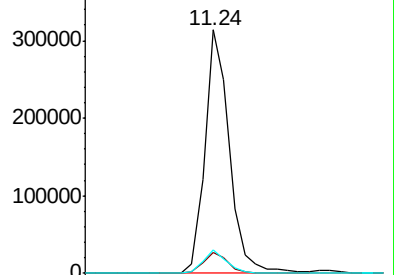
80 9.9 7.8 11.8



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: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

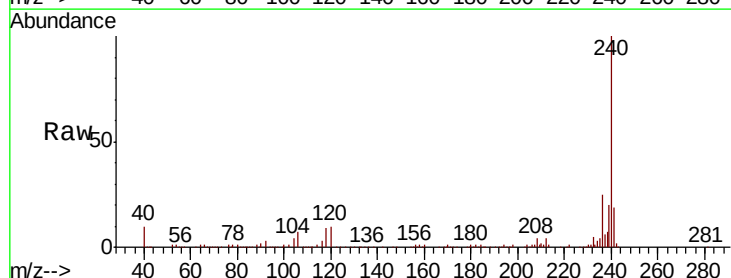
Tgt Ion:240 Resp: 267068

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

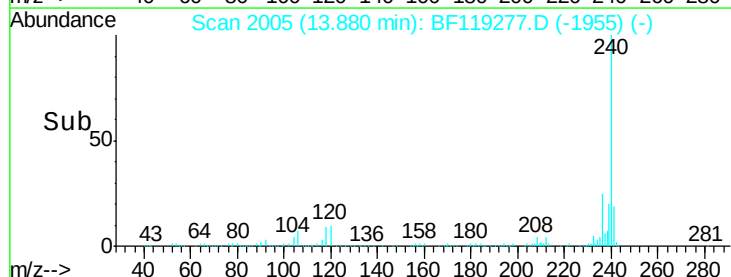
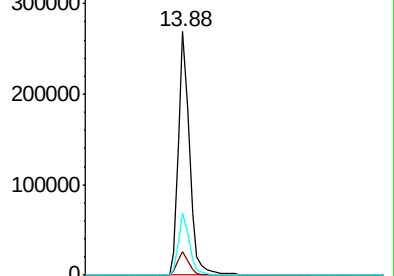
236 25.5 21.0 31.4

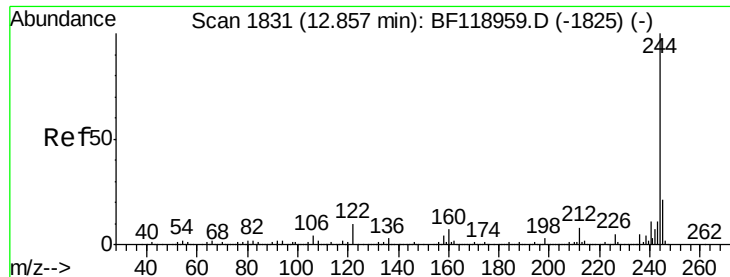


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.498 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Instrument :

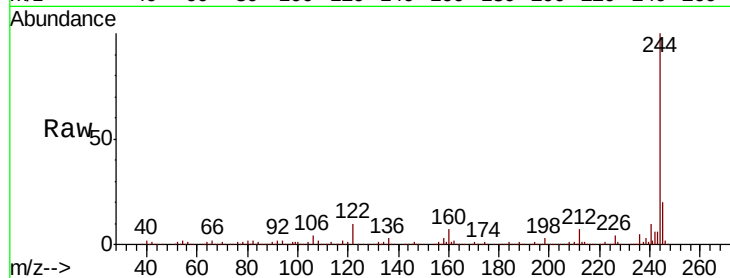
BNA_F

ClientSampleId :

PB127331BL

Tot Ion:244 Resp: 1310736

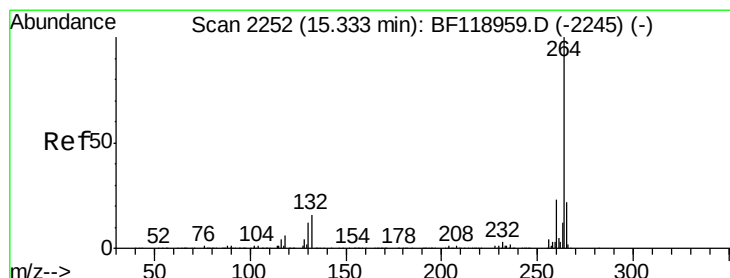
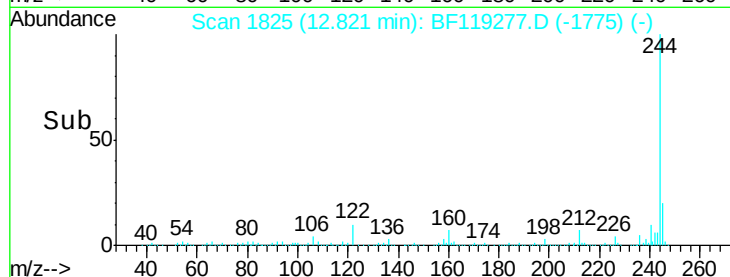
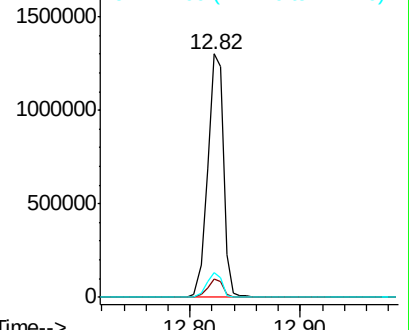
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	10.3	8.2	12.2



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

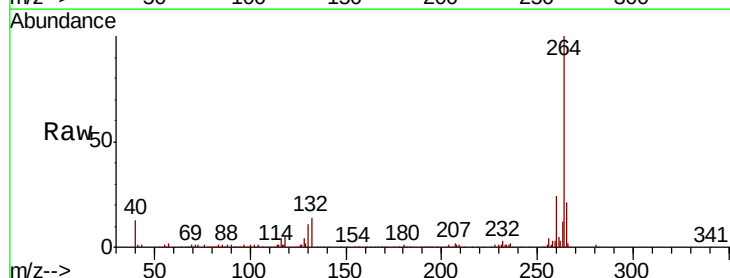
Delta R.T. 0.00 min

Lab File: BF119277.D

Acq: 7 Mar 2020 5:27

Tgt Ion:264 Resp: 249881

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	20.5	17.7	26.5



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

