

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118289.D
 Acq On : 19 Dec 2019 19:53
 Operator : JU
 Sample : K6333-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMP

Quant Time: Dec 20 04:21:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	96328	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	373266	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	200824	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	393082	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	316615	20.00	ng	-0.02
87) Perylene-d12	15.54	264	286497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	720738	131.05	ng	0.00
7) Phenol-d6	6.49	99	804922	121.00	ng	0.00
23) Nitrobenzene-d5	7.42	82	611483	92.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	361757	148.28	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1236601	93.70	ng	-0.02
79) Terphenyl-d14	12.99	244	1672950	90.86	ng	-0.01

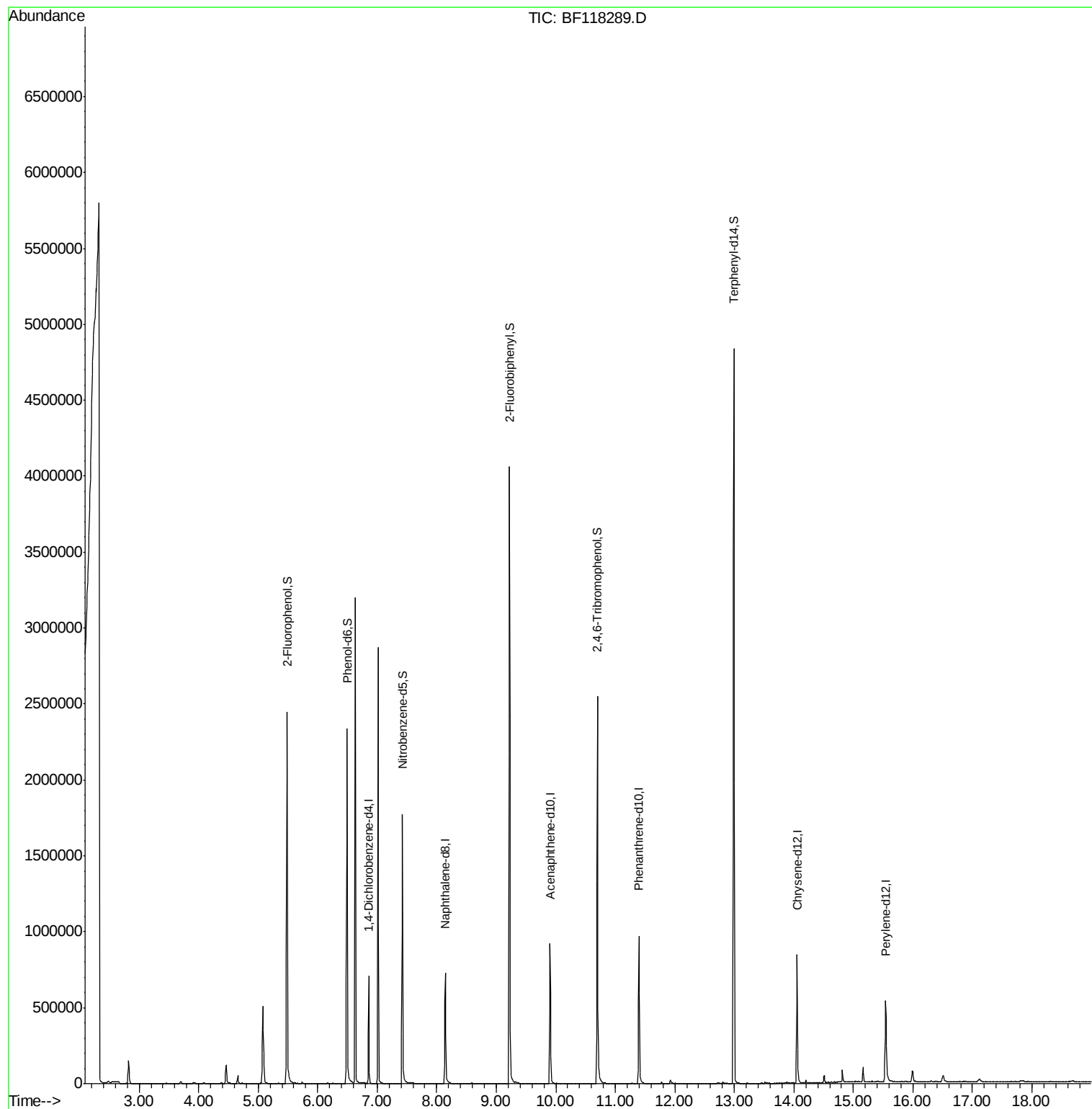
Target Compounds Qvalue

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

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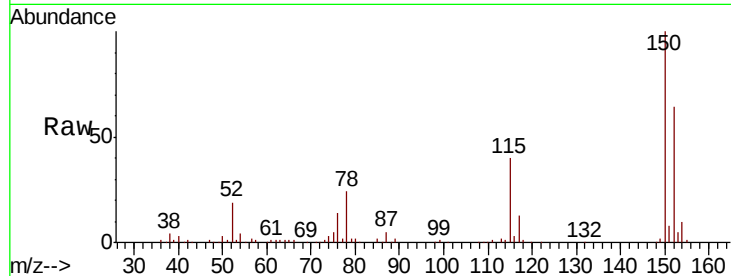




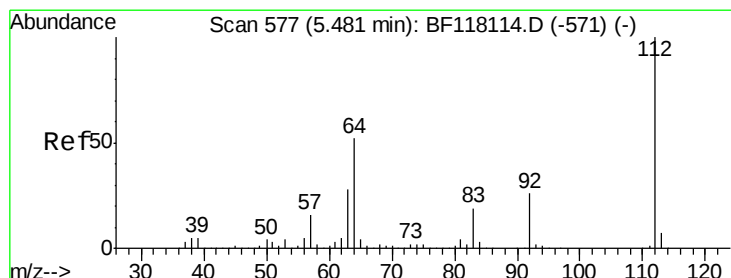
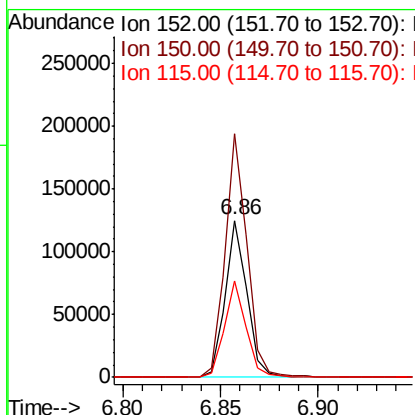
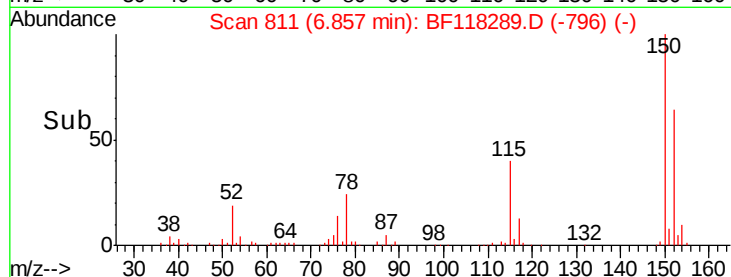
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118289.D
 Acq: 19 Dec 2019 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMP

Tot Ion:152 Resp: 96328
 Ion Ratio Lower Upper
 152 100
 150 155.5 128.3 192.5
 115 61.7 51.1 76.7

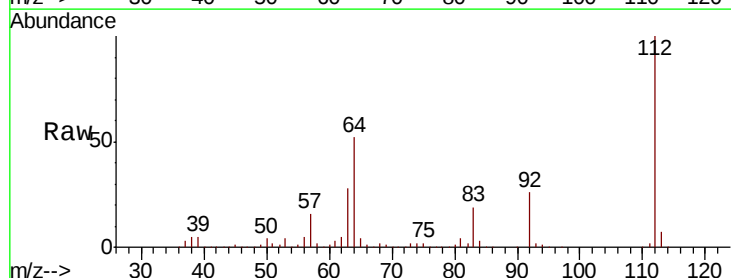


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

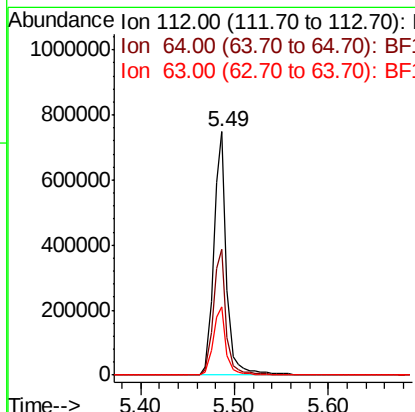
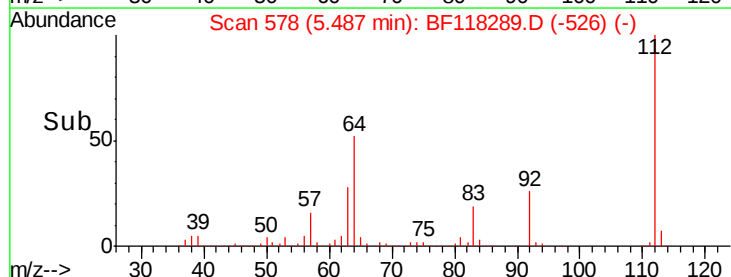


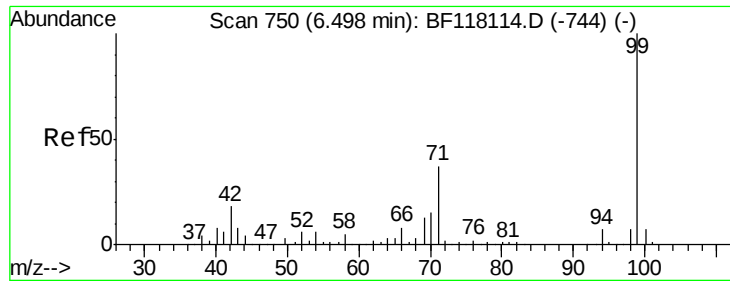
#5
 2-Fluorophenol
 Concen: 131.047 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF118289.D
 Acq: 19 Dec 2019 19:53

Tgt Ion:112 Resp: 720738
 Ion Ratio Lower Upper
 112 100
 64 51.6 41.3 61.9
 63 28.0 22.4 33.6



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: 121.000 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118289.D

Acq: 19 Dec 2019 19:53

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMP

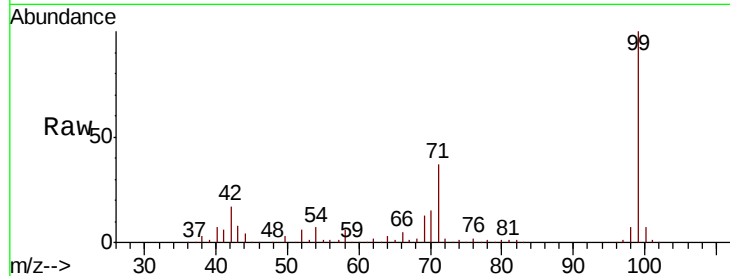
Tot Ion: 99 Resp: 804922

Ion Ratio Lower Upper

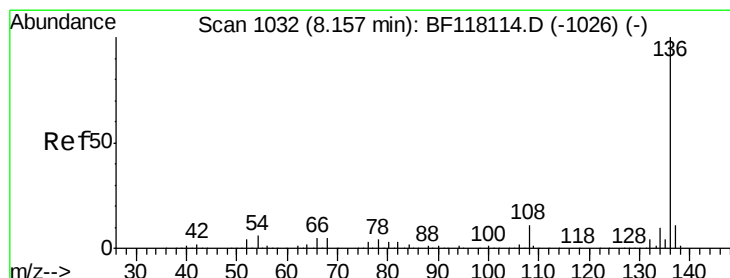
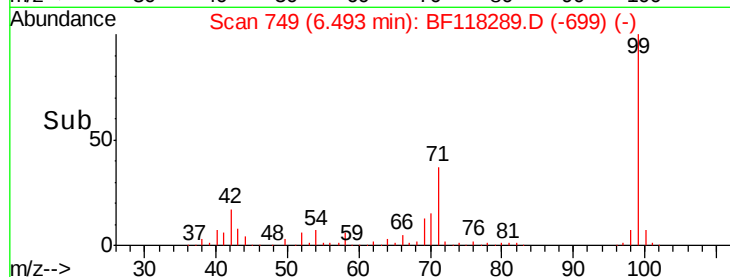
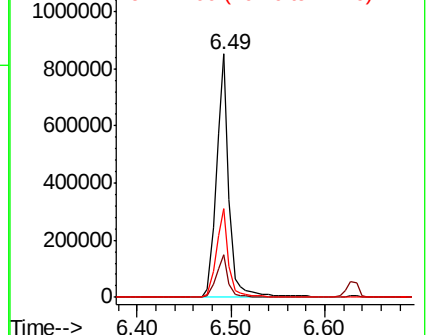
99 100

42 17.3 14.1 21.1

71 36.6 29.7 44.5



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118289.D

Acq: 19 Dec 2019 19:53

Tgt Ion: 136 Resp: 373266

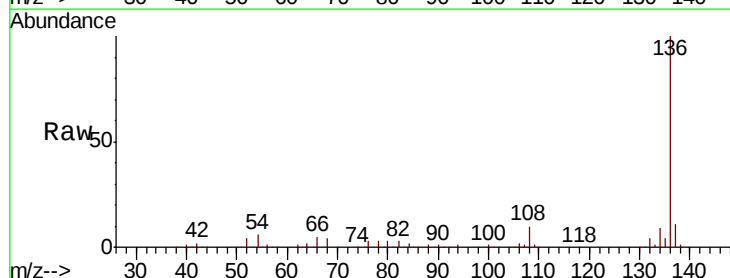
Ion Ratio Lower Upper

136 100

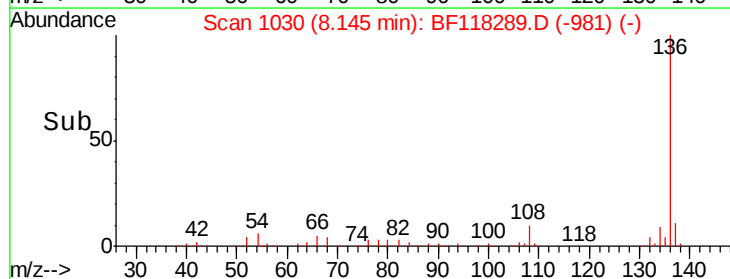
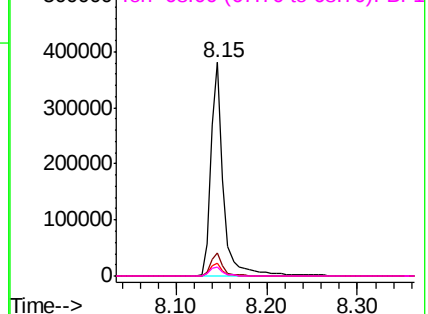
137 10.7 9.0 13.6

54 6.0 5.0 7.6

68 4.4 3.8 5.8



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

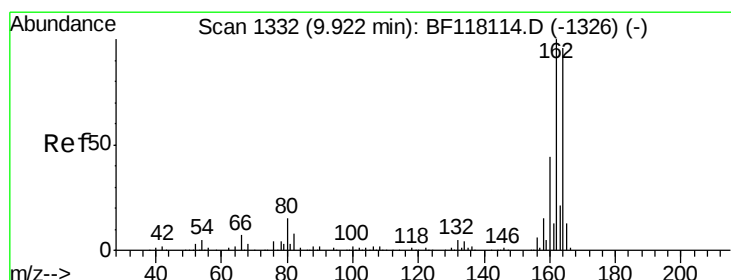
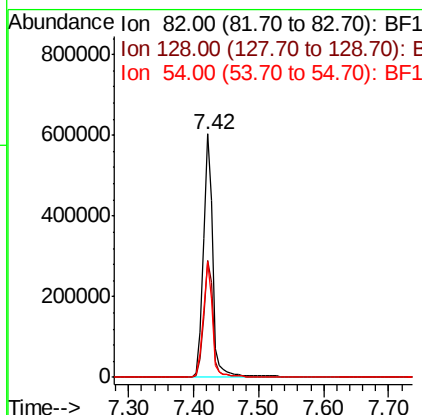
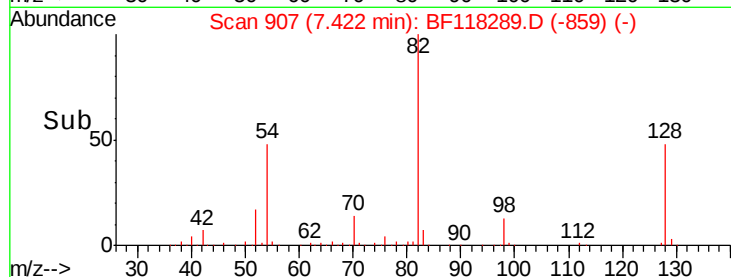
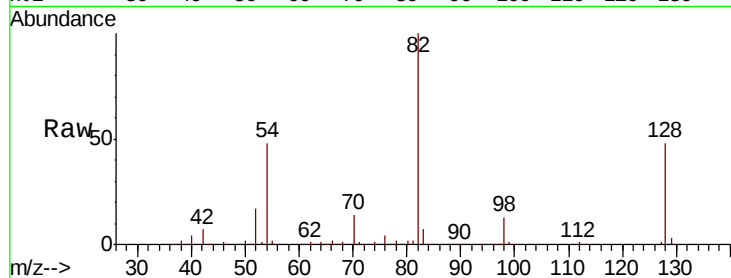




#23
 Nitrobenzene-d5
 Concen: 92.161 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118289.D
 Acq: 19 Dec 2019 19:53

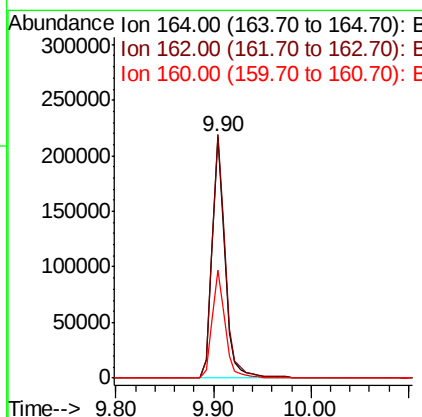
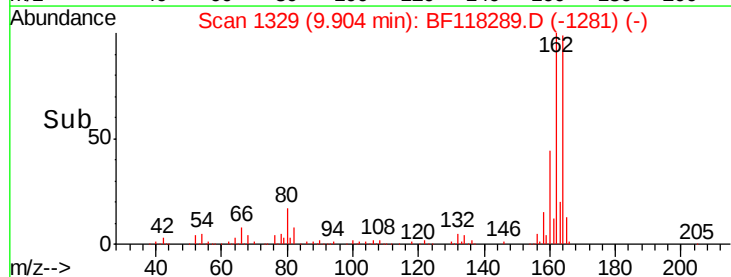
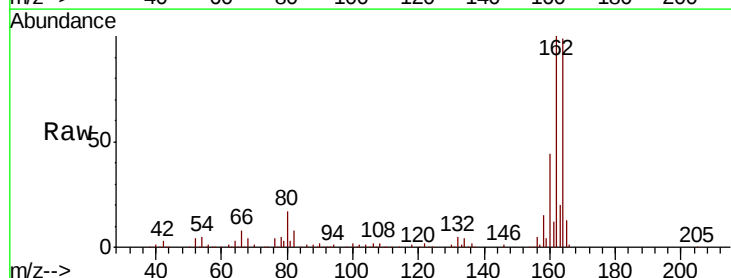
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMP

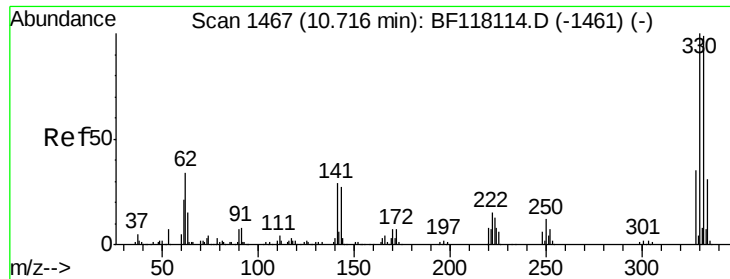
Tot Ion: 82 Resp: 611483
 Ion Ratio Lower Upper
 82 100
 128 48.2 39.1 58.7
 54 47.6 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF118289.D
 Acq: 19 Dec 2019 19:53

Tgt Ion:164 Resp: 200824
 Ion Ratio Lower Upper
 164 100
 162 101.0 83.4 125.0
 160 44.6 36.6 54.8

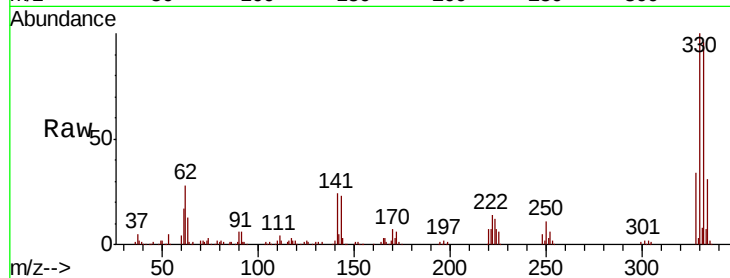




#42
 2,4,6-Tribromophenol
 Concen: 148.283 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118289.D
 Acq: 19 Dec 2019 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	32.3	26.9	40.3

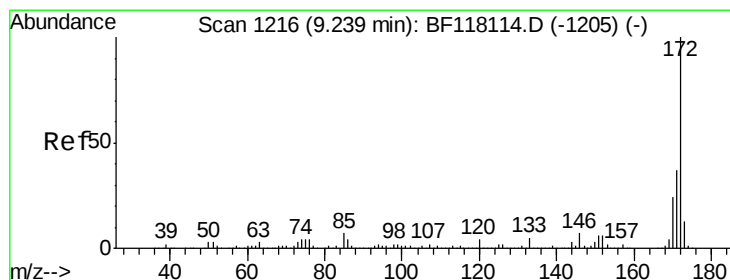
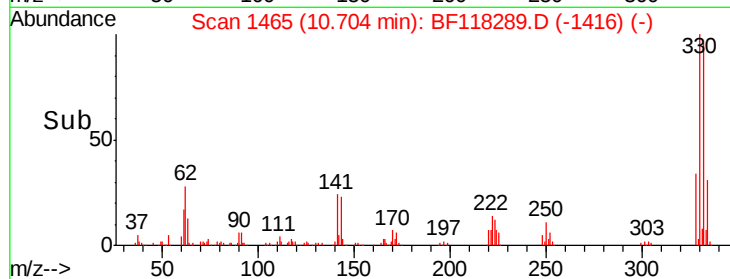
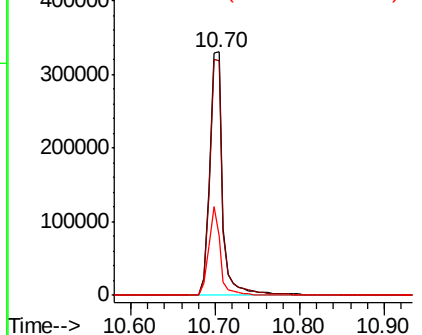


Abundance

Ion 329.80 (329.50 to 330.50): E

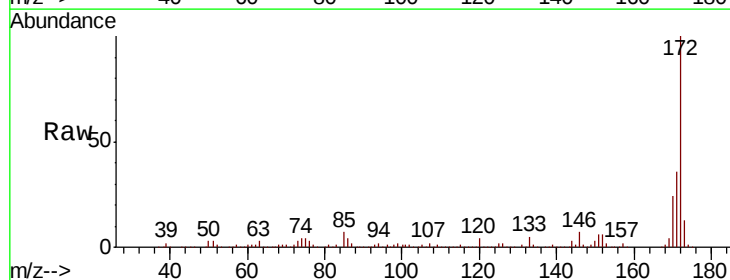
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.697 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118289.D
 Acq: 19 Dec 2019 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	23.9	19.4	29.2

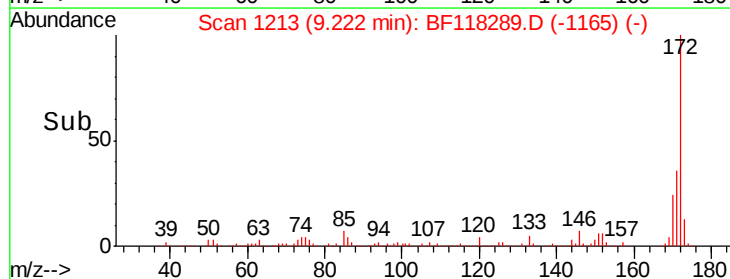
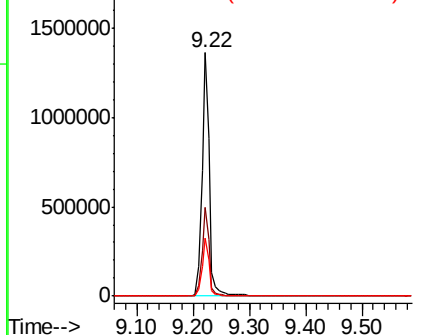


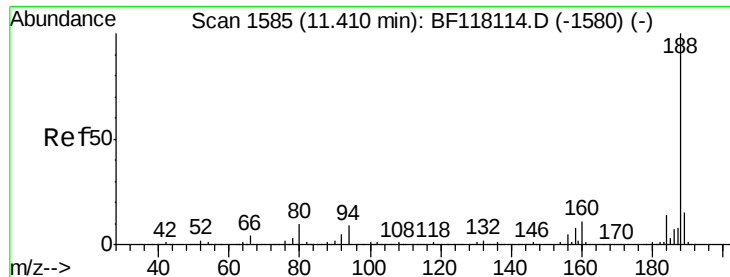
Abundance

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

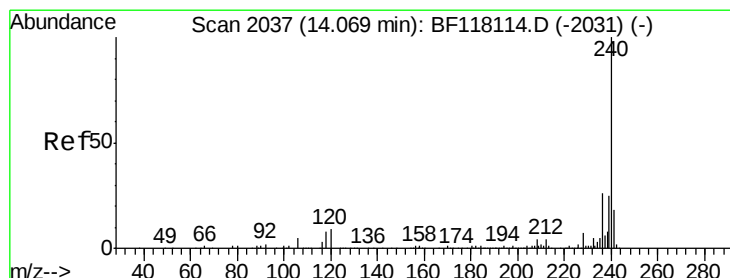
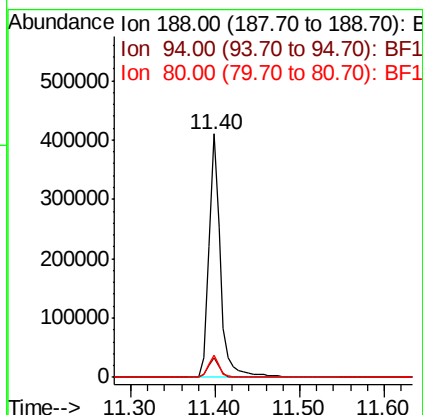
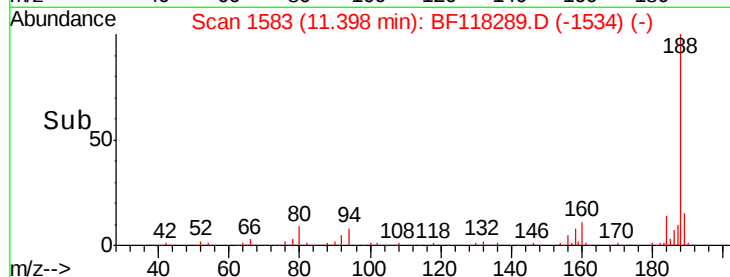
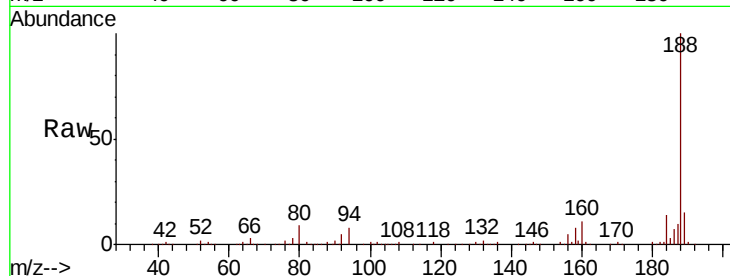




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118289.D
Acq: 19 Dec 2019 19:53

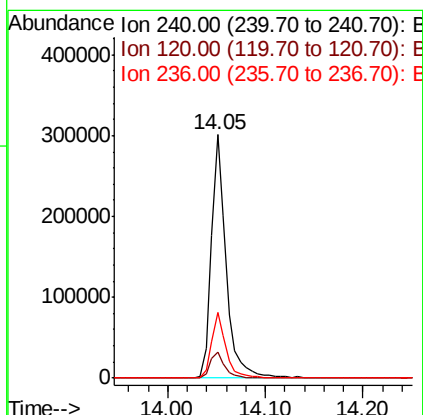
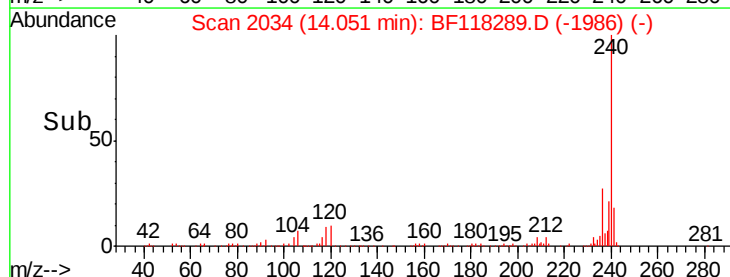
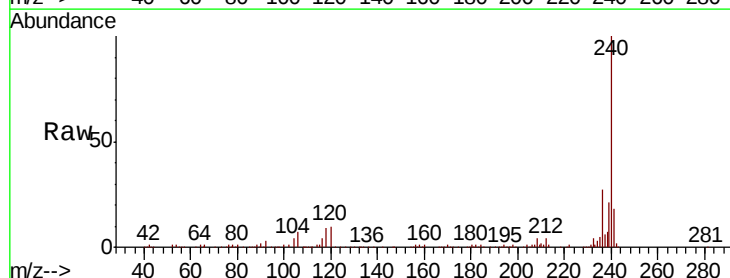
Instrument :
BNA_F
ClientSampled :
TP-1A-COMP

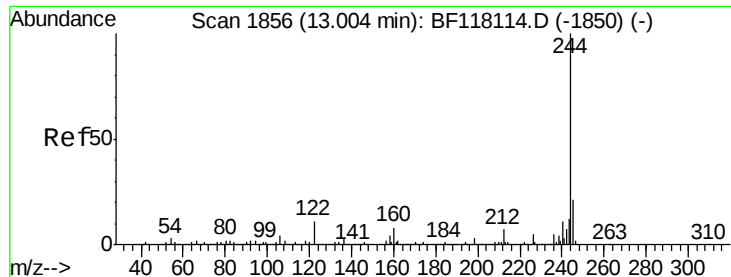
Tot Ion:188 Resp: 393082
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118289.D
Acq: 19 Dec 2019 19:53

Tgt Ion:240 Resp: 316615
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 26.7 21.0 31.6





#79

Terphenyl-d14

Concen: 90.863 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118289.D

Acq: 19 Dec 2019 19:53

Instrument :

BNA_F

ClientSampleId :

TP-1A-COMP

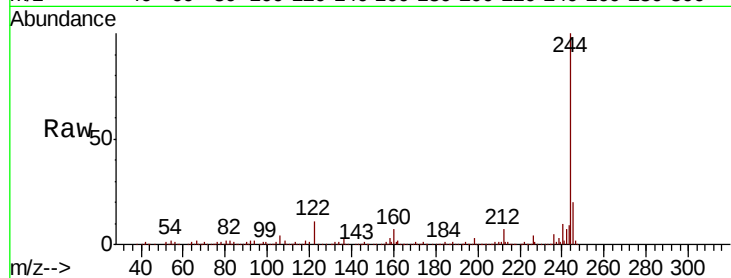
Tot Ion:244 Resp: 1672950

Ion Ratio Lower Upper

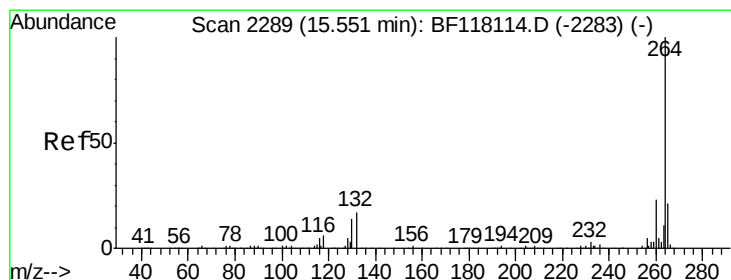
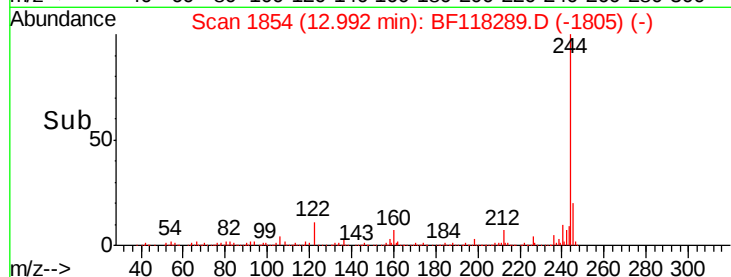
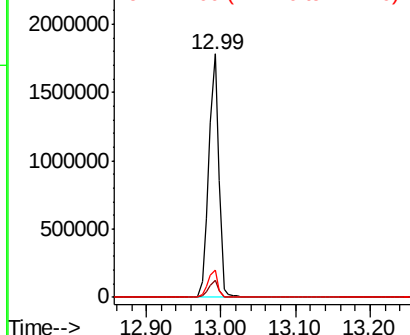
244 100

212 7.3 5.9 8.9

122 11.4 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118289.D

Acq: 19 Dec 2019 19:53

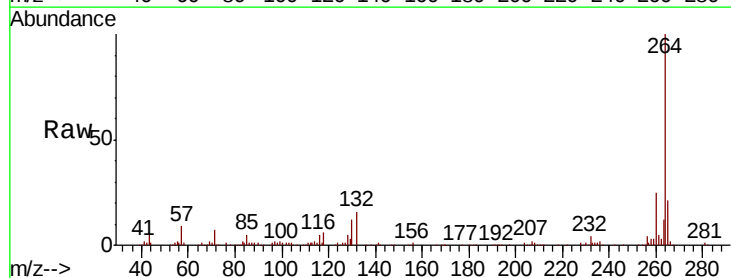
Tgt Ion:264 Resp: 286497

Ion Ratio Lower Upper

264 100

260 24.6 18.6 28.0

265 20.8 16.8 25.2



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

