

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118209.D
 Acq On : 16 Dec 2019 21:11
 Operator : JU
 Sample : K6113-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-121319

Quant Time: Dec 17 03:54:32 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	98653	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	379222	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	202298	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	402942	20.00	ng	0.00
76) Chrysene-d12	14.06	240	319953	20.00	ng	-0.01
87) Perylene-d12	15.54	264	252123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	715453	127.02	ng	0.00
7) Phenol-d6	6.50	99	831621	122.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	588024	87.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	363932	148.09	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1227417	92.32	ng	-0.01
79) Terphenyl-d14	13.00	244	1686276	90.63	ng	0.00

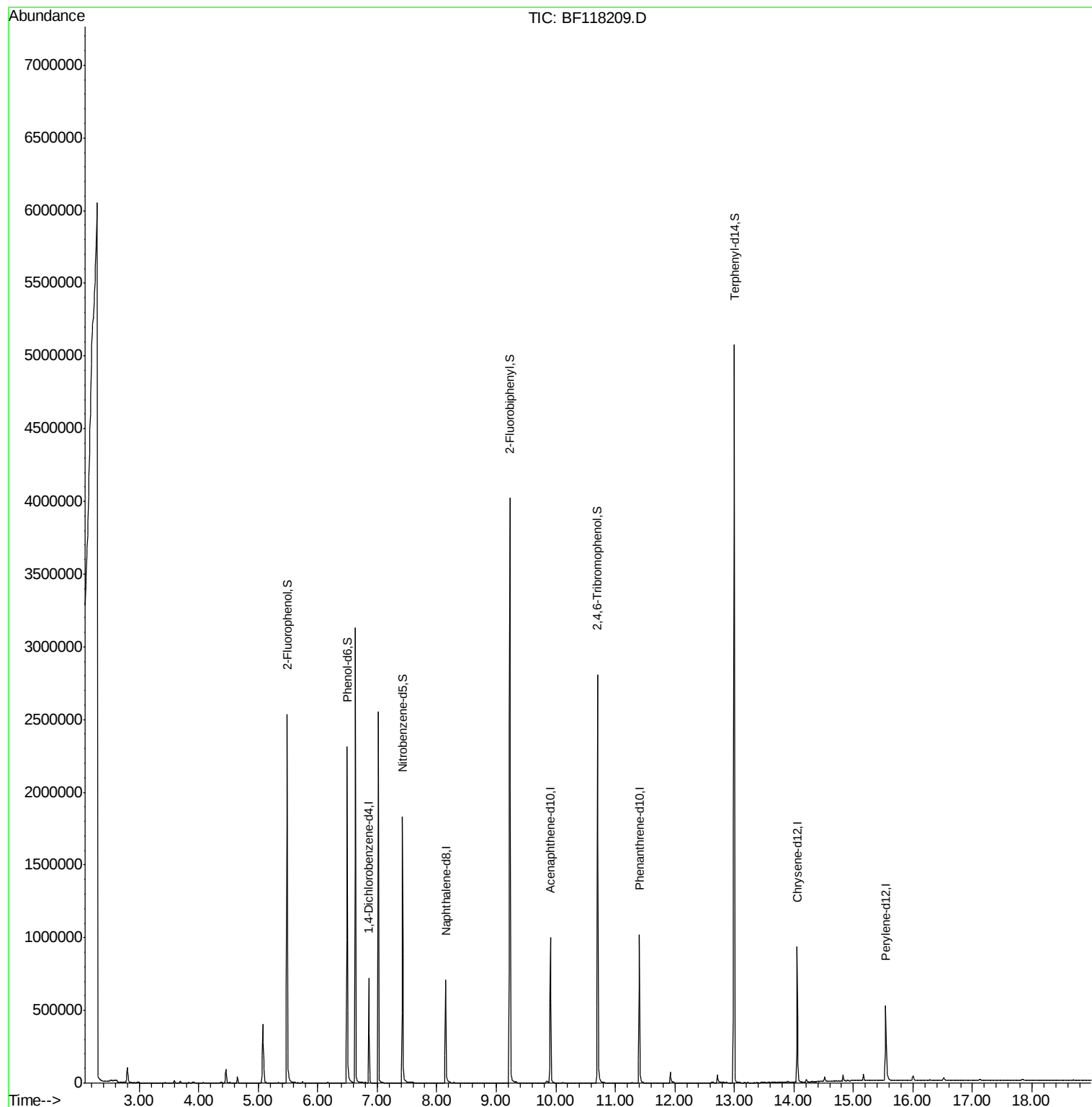
Target Compounds Qvalue

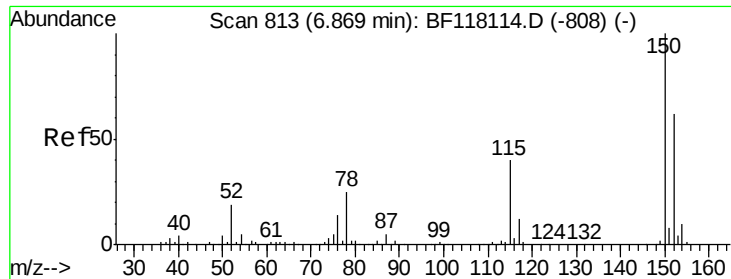
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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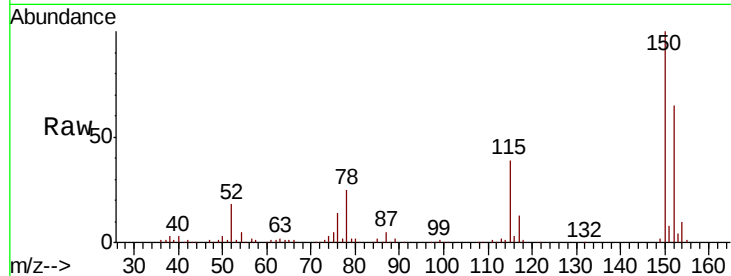


#1

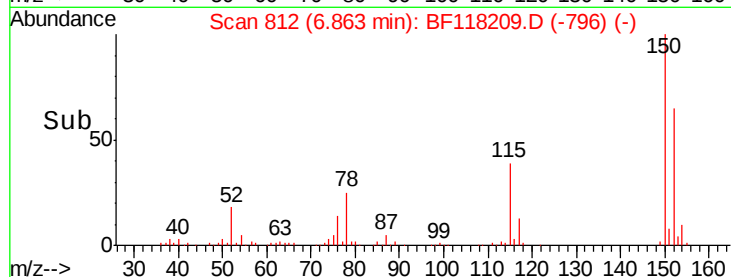
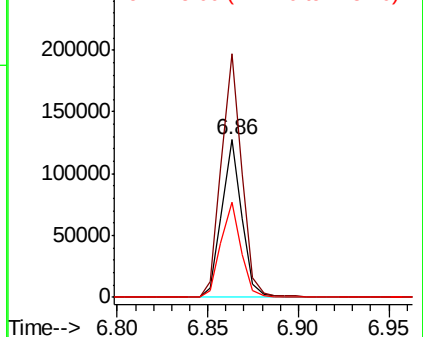
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118209.D
 Acq: 16 Dec 2019 21:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-121319

Tot Ion:152 Resp: 98653
 Ion Ratio Lower Upper
 152 100
 150 154.5 128.3 192.5
 115 60.3 51.1 76.7



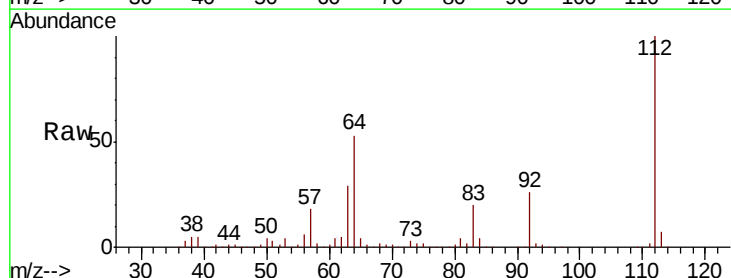
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



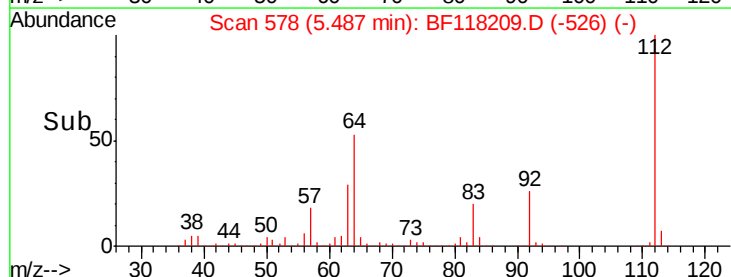
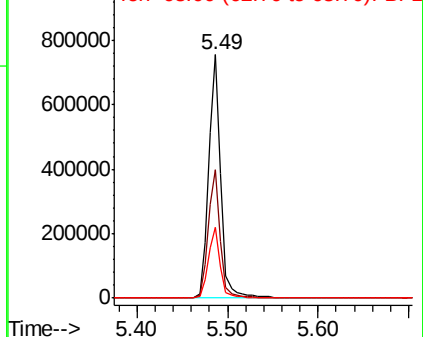
#5

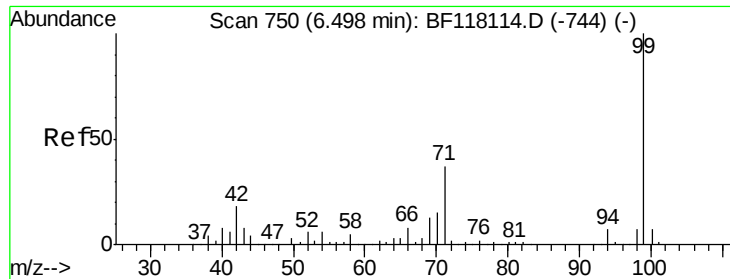
2-Fluorophenol
 Concen: 127.020 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF118209.D
 Acq: 16 Dec 2019 21:11

Tgt Ion:112 Resp: 715453
 Ion Ratio Lower Upper
 112 100
 64 52.6 41.3 61.9
 63 29.2 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: 122.067 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118209.D

Acq: 16 Dec 2019 21:11

Instrument :

BNA_F

ClientSampleId :

OR-02-121319

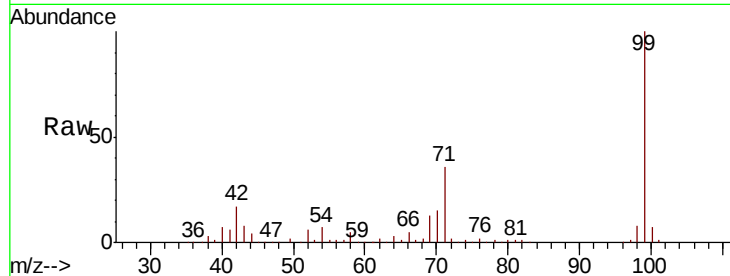
Tot Ion: 99 Resp: 831621

Ion Ratio Lower Upper

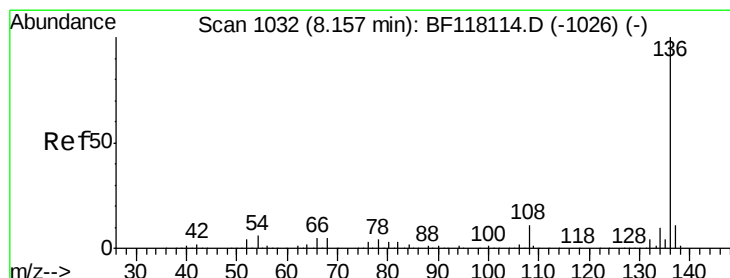
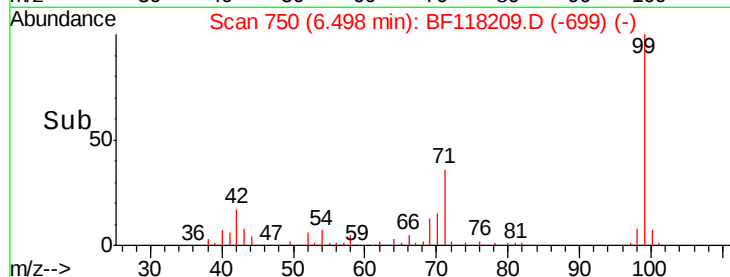
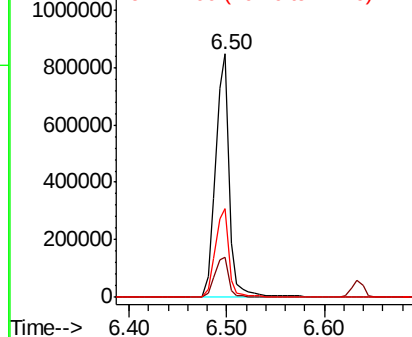
99 100

42 16.6 14.1 21.1

71 36.5 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# 1031

Delta R.T. -0.01 min

Lab File: BF118209.D

Acq: 16 Dec 2019 21:11

Tgt Ion: 136 Resp: 379222

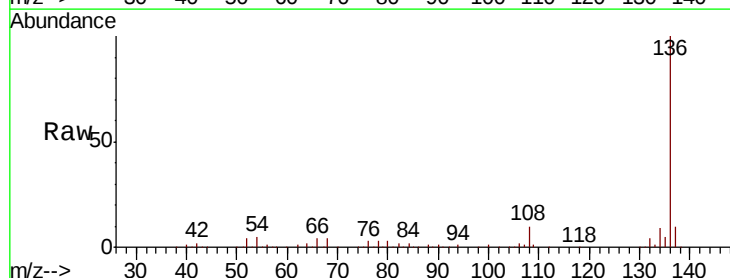
Ion Ratio Lower Upper

136 100

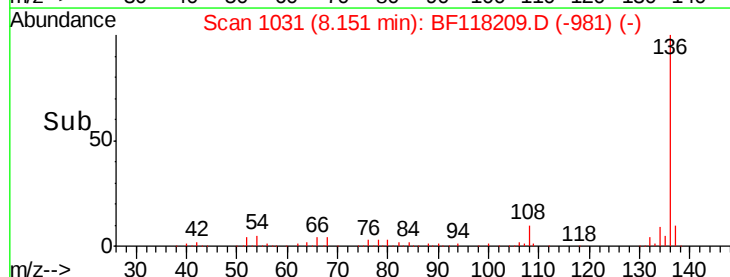
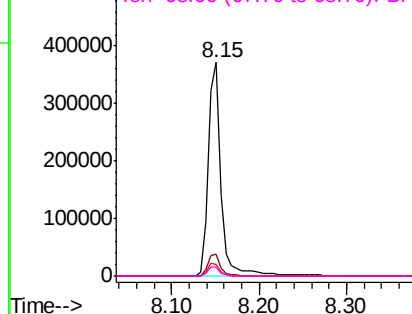
137 10.3 9.0 13.6

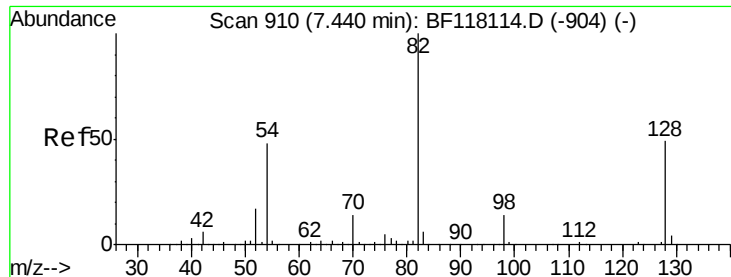
54 5.4 5.0 7.6

68 4.2 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: 87.234 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118209.D

Acq: 16 Dec 2019 21:11

Instrument :

BNA_F

ClientSampleId :

OR-02-121319

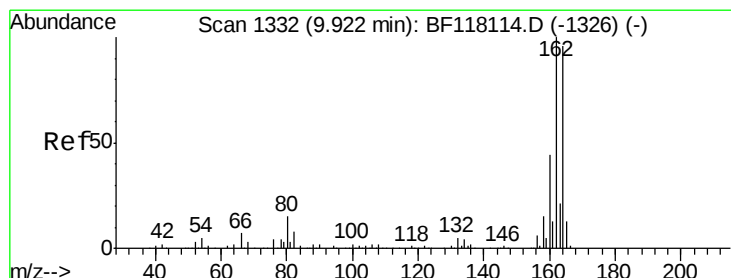
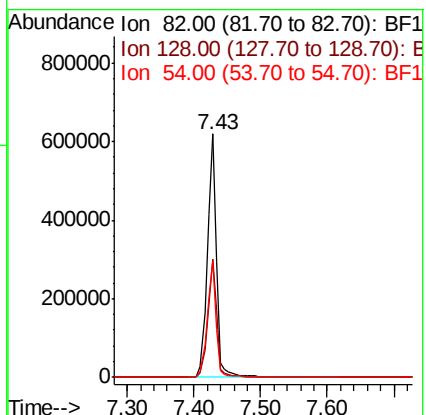
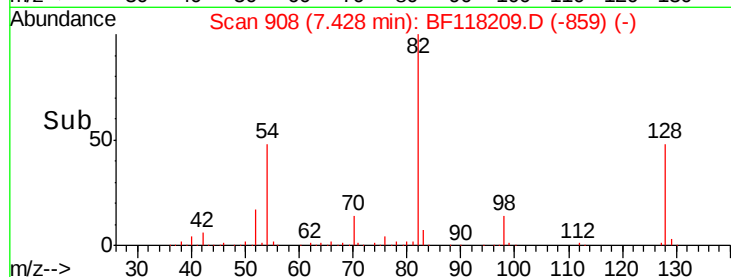
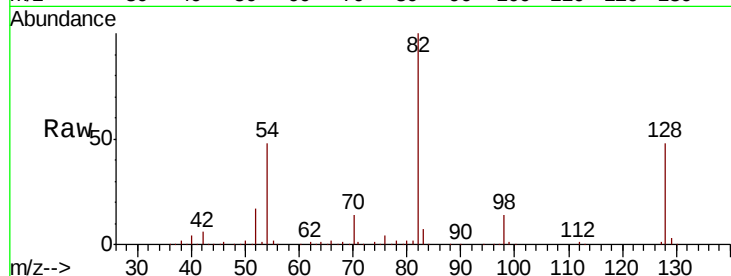
Tot Ion: 82 Resp: 588024

Ion Ratio Lower Upper

82 100

128 48.3 39.1 58.7

54 47.8 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118209.D

Acq: 16 Dec 2019 21:11

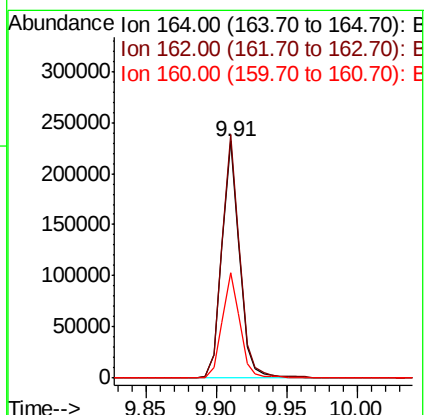
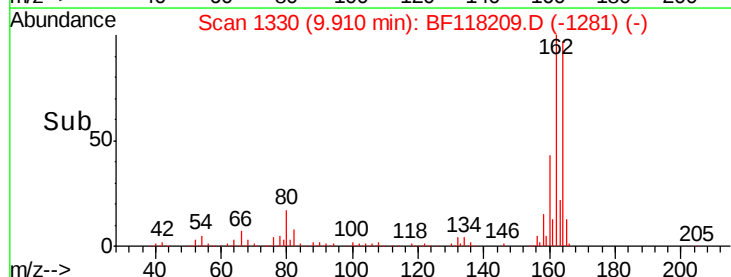
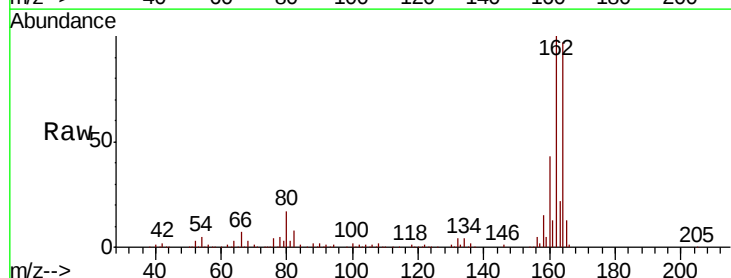
Tgt Ion:164 Resp: 202298

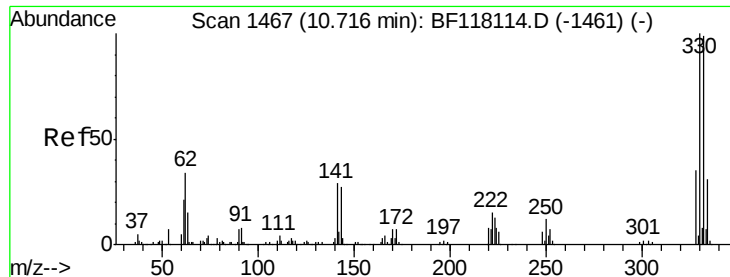
Ion Ratio Lower Upper

164 100

162 102.8 83.4 125.0

160 44.3 36.6 54.8

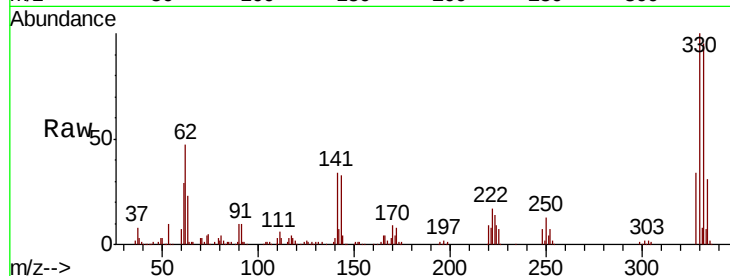




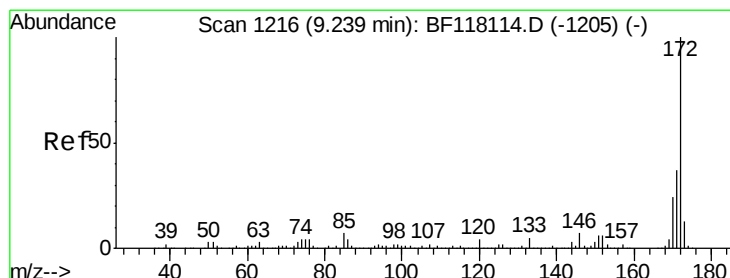
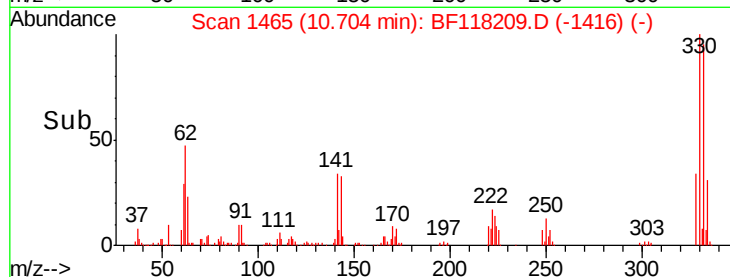
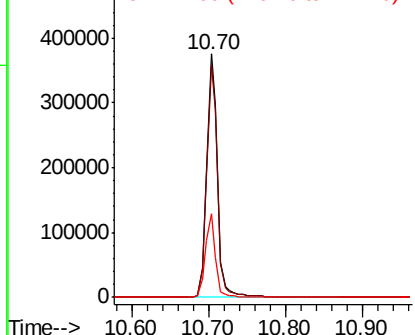
#42
 2,4,6-Tribromophenol
 Concen: 148.087 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118209.D
 Acq: 16 Dec 2019 21:11

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-121319

Tot Ion:330 Resp: 363932
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.1 117.1
 141 32.6 26.9 40.3

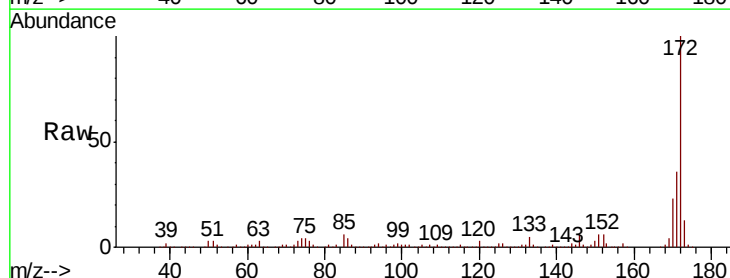


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

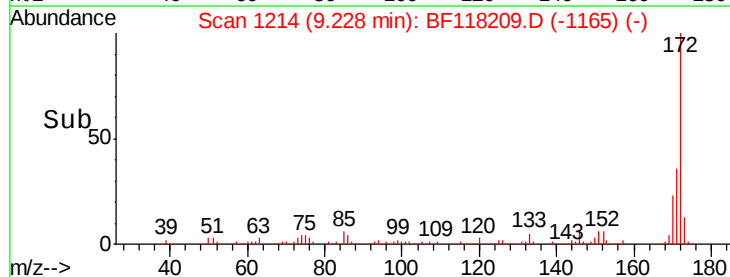
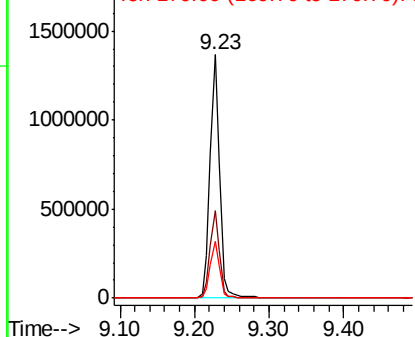


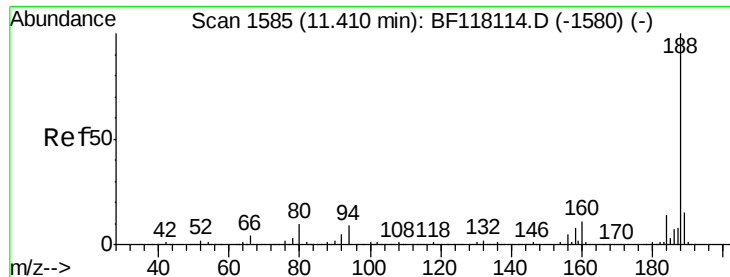
#45
 2-Fluorobiphenyl
 Concen: 92.324 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118209.D
 Acq: 16 Dec 2019 21:11

Tgt Ion:172 Resp: 1227417
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.4 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

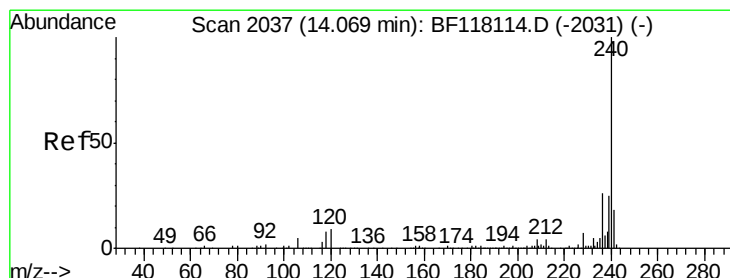
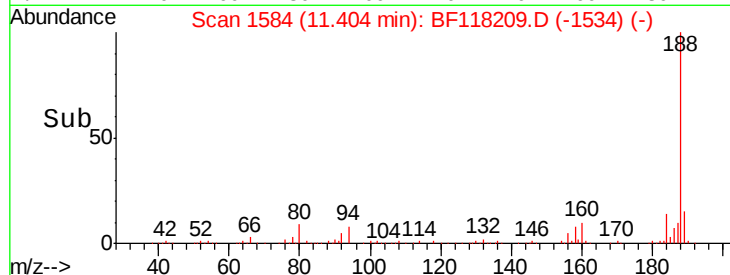
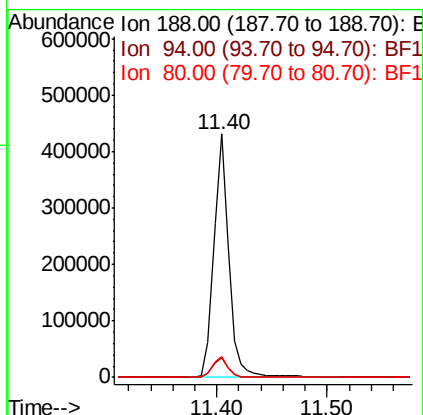
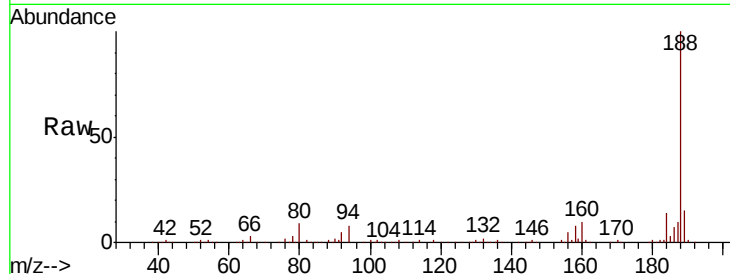




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118209.D
 Acq: 16 Dec 2019 21:11

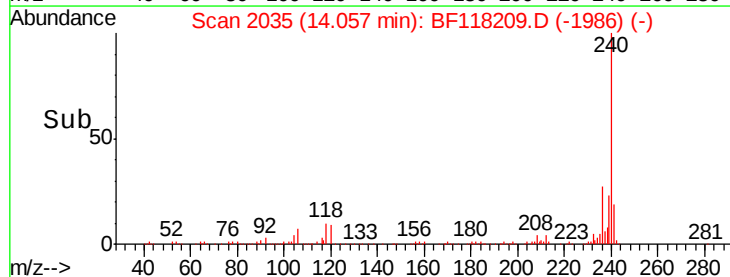
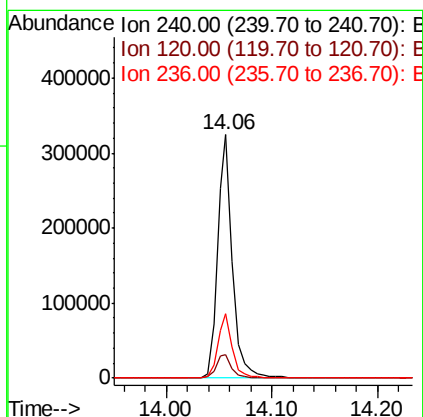
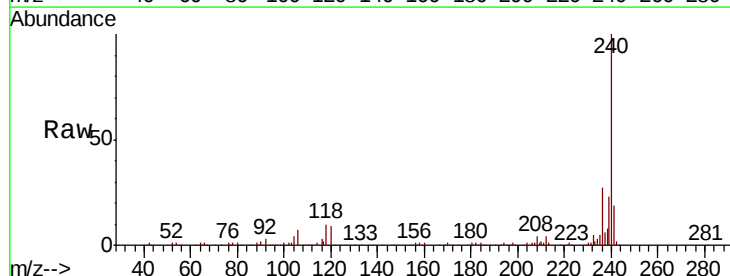
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-121319

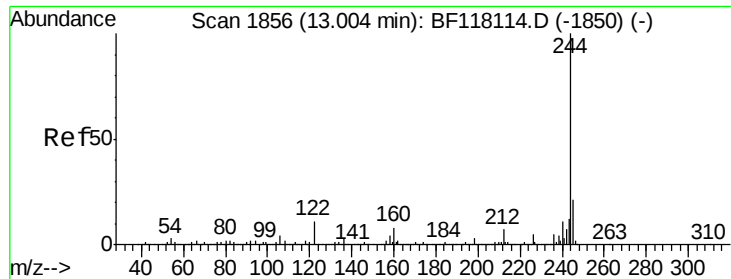
Tot Ion:188	Resp:	402942
Ion	Ratio	Lower Upper
188	100	
94	8.2	7.1 10.7
80	8.6	7.9 11.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118209.D
 Acq: 16 Dec 2019 21:11

Tgt Ion:240	Resp:	319953
Ion	Ratio	Lower Upper
240	100	
120	9.5	7.1 10.7
236	26.7	21.0 31.6





#79

Terphenyl-d14

Concen: 90.631 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118209.D

Acq: 16 Dec 2019 21:11

Instrument :

BNA_F

ClientSampleId :

OR-02-121319

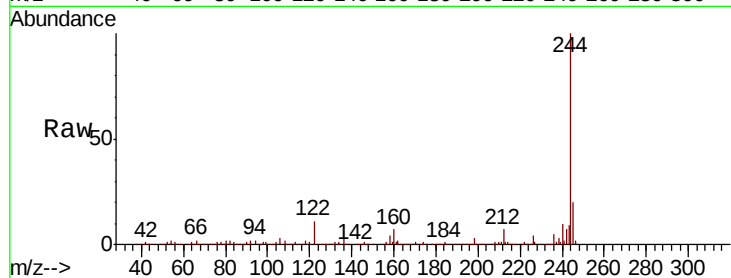
Tot Ion:244 Resp: 1686276

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

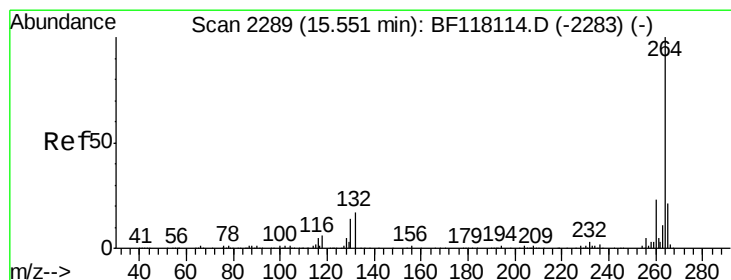
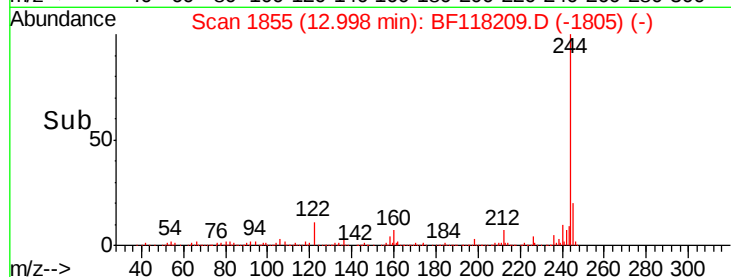
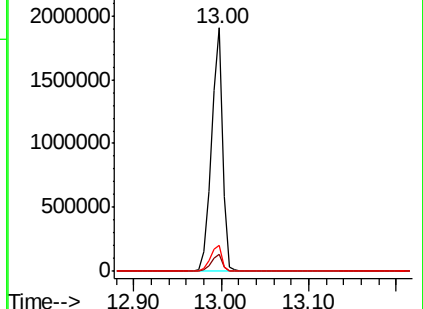
122 10.7 9.0 13.6



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: BF118209.D

Acq: 16 Dec 2019 21:11

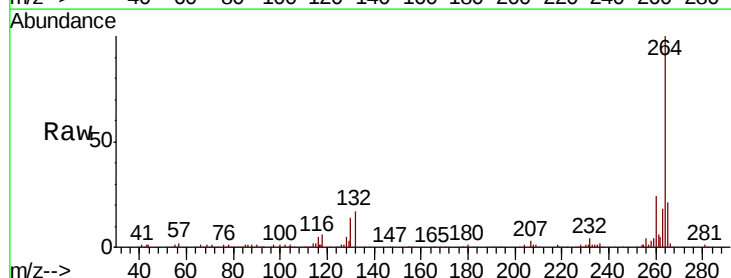
Tgt Ion:264 Resp: 252123

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.3 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

