

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118290.D
 Acq On : 19 Dec 2019 20:21
 Operator : JU
 Sample : K6318-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 X089-WC-2

Quant Time: Dec 20 04:26:52 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	88973	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	346280	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	180214	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	354890	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	276767	20.00	ng	-0.02
87) Perylene-d12	15.54	264	244647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	758078	149.23	ng	0.00
7) Phenol-d6	6.49	99	861373	140.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	622523	101.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	371863	169.86	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1268336	107.09	ng	-0.02
79) Terphenyl-d14	12.99	244	1685798	104.74	ng	-0.01

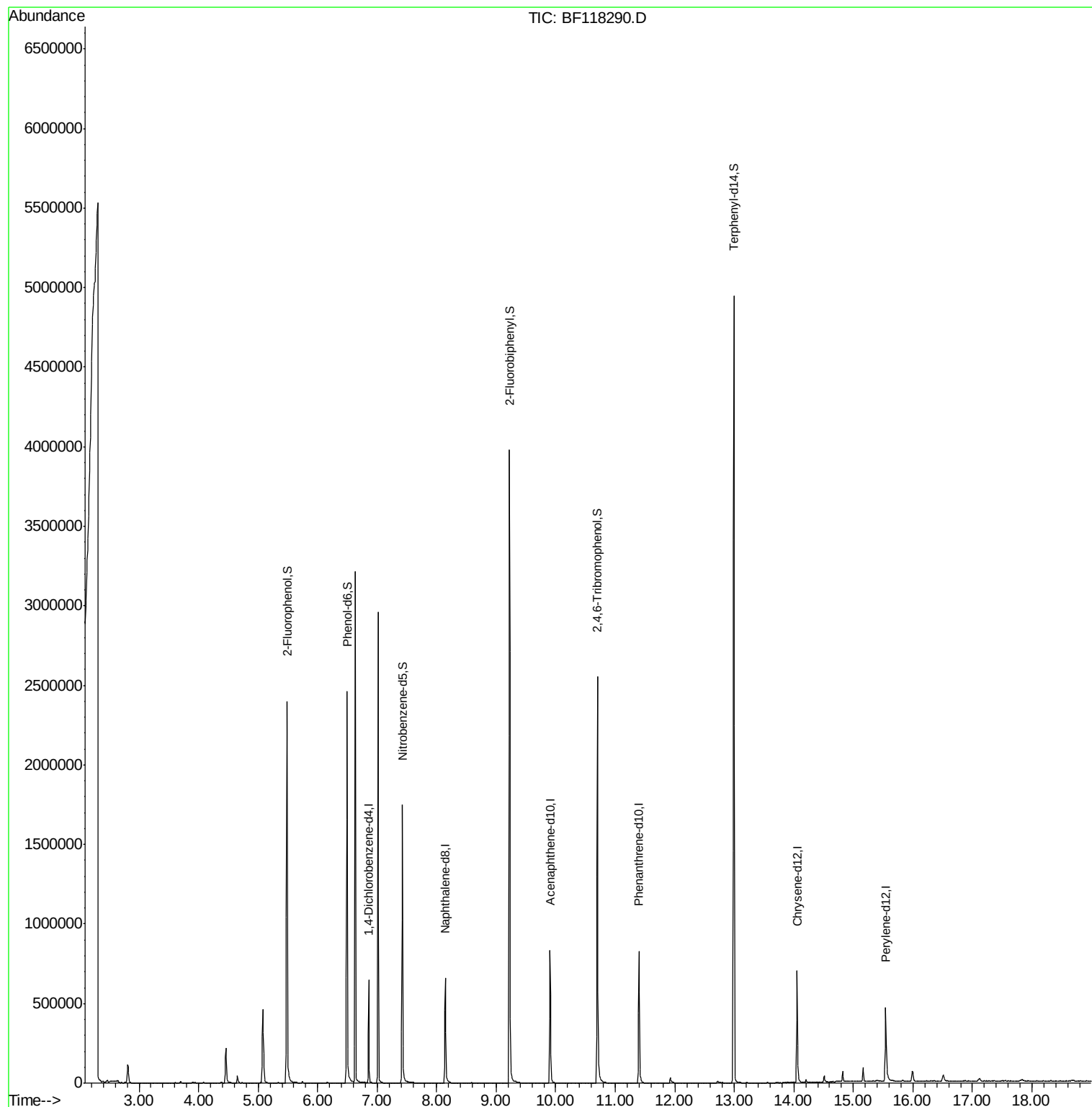
Target Compounds Qvalue

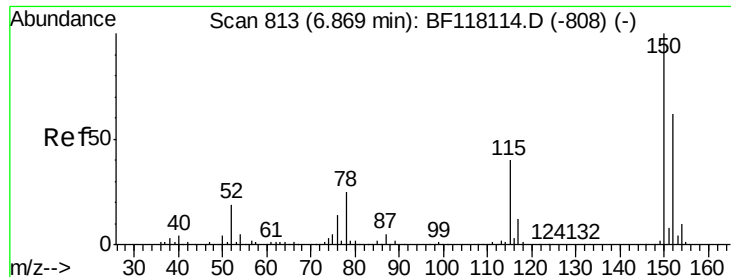
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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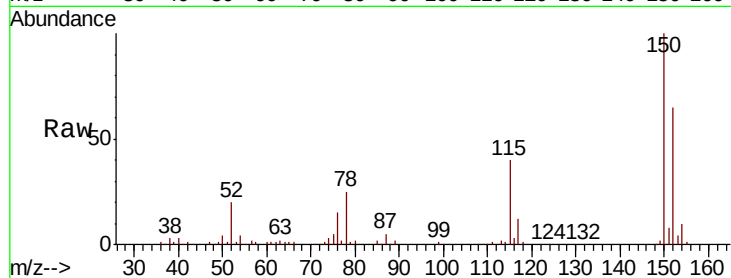


#1

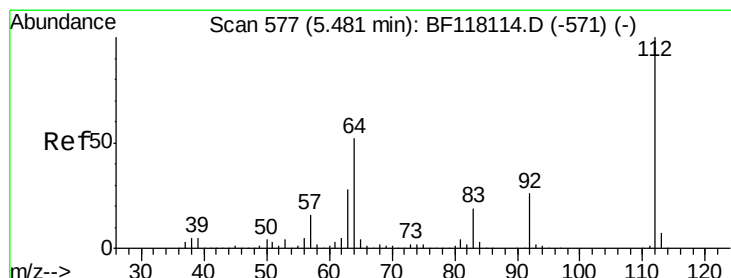
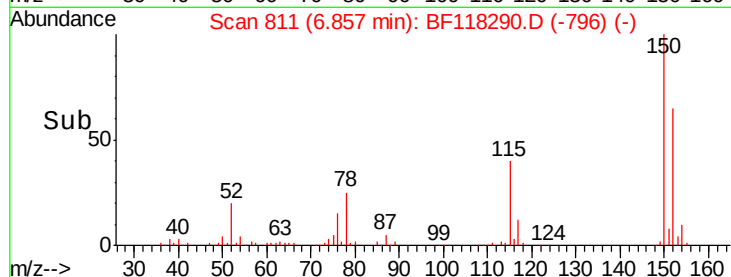
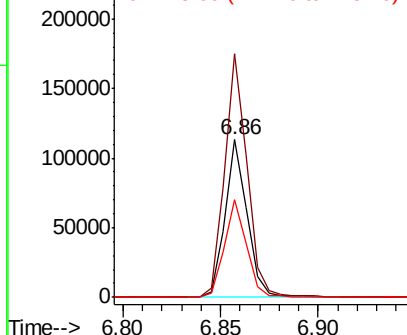
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Instrument :
BNA_F
ClientSampleId :
X089-WC-2

Tot Ion:152 Resp: 88973
Ion Ratio Lower Upper
152 100
150 154.5 128.3 192.5
115 62.3 51.1 76.7



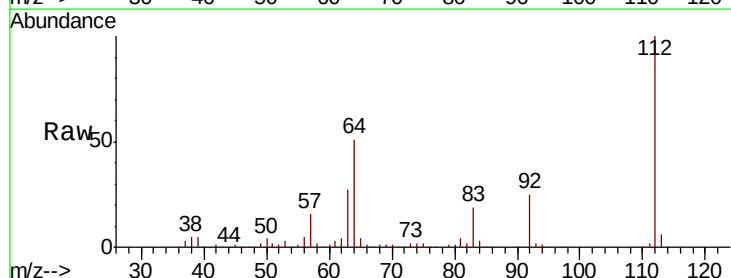
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



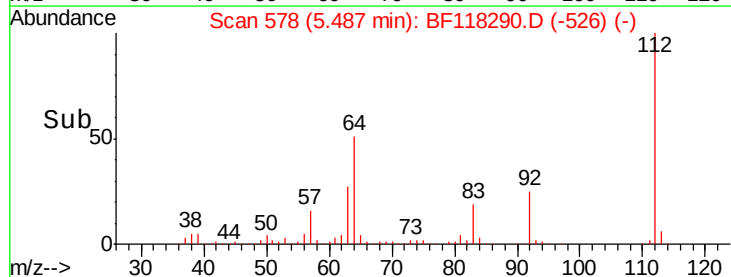
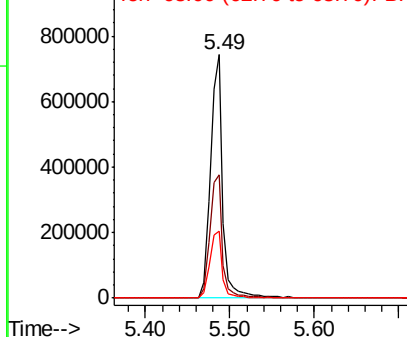
#5

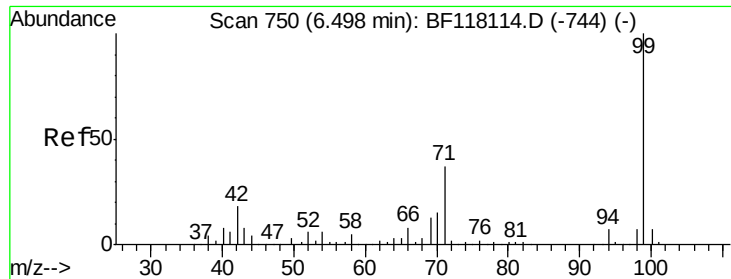
2-Fluorophenol
Concen: 149.230 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Tgt Ion:112 Resp: 758078
Ion Ratio Lower Upper
112 100
64 50.6 41.3 61.9
63 27.4 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: 140.190 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118290.D

Acq: 19 Dec 2019 20:21

Instrument :

BNA_F

ClientSampleId :

X089-WC-2

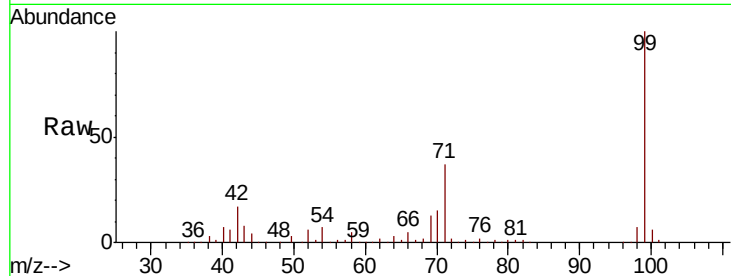
Tot Ion: 99 Resp: 861373

Ion Ratio Lower Upper

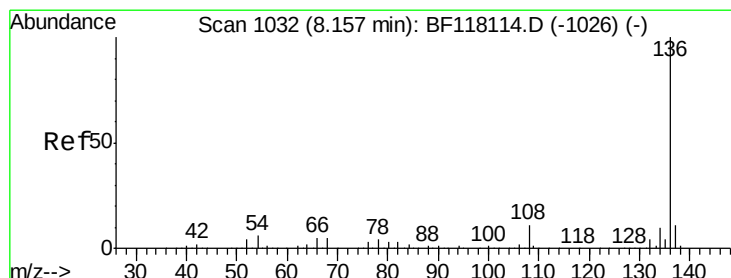
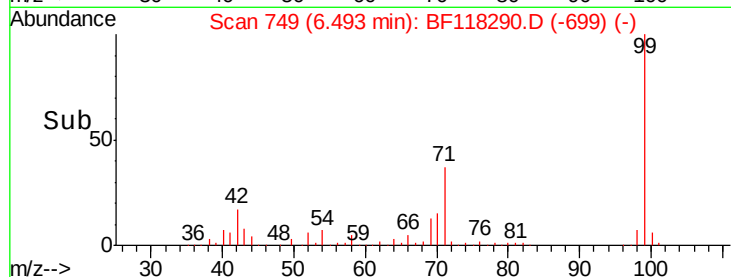
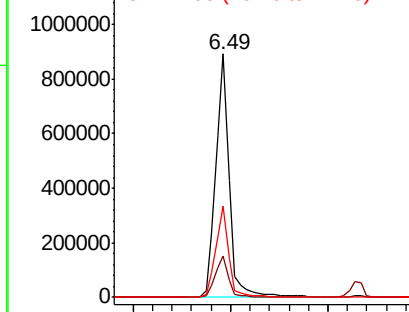
99 100

42 17.2 14.1 21.1

71 37.3 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: BF118290.D

Acq: 19 Dec 2019 20:21

Tgt Ion: 136 Resp: 346280

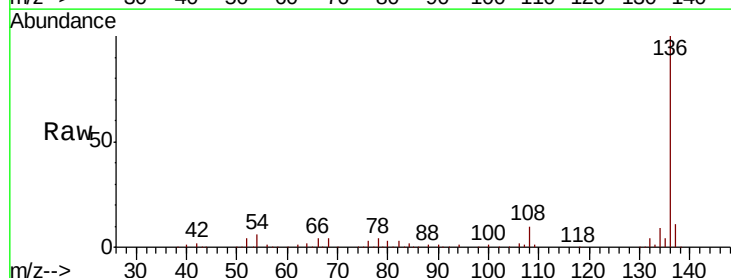
Ion Ratio Lower Upper

136 100

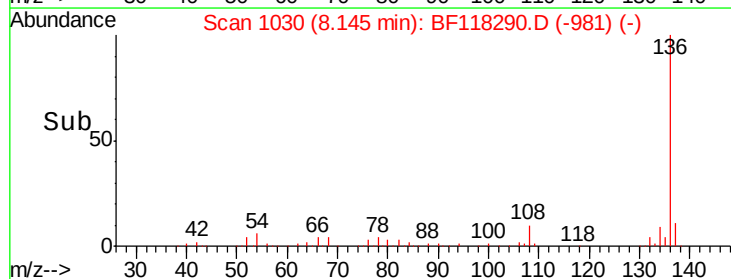
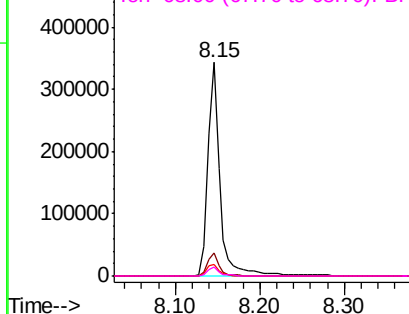
137 10.9 9.0 13.6

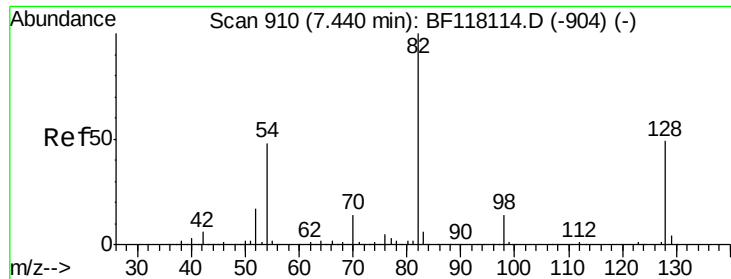
54 5.6 5.0 7.6

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

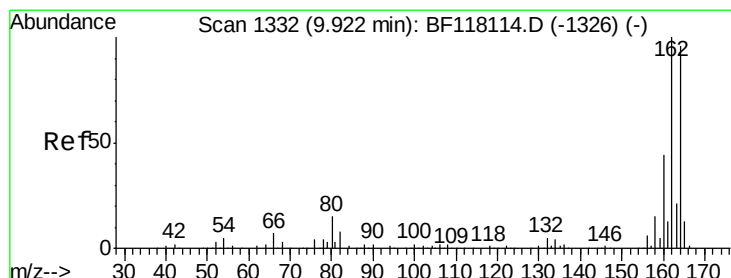
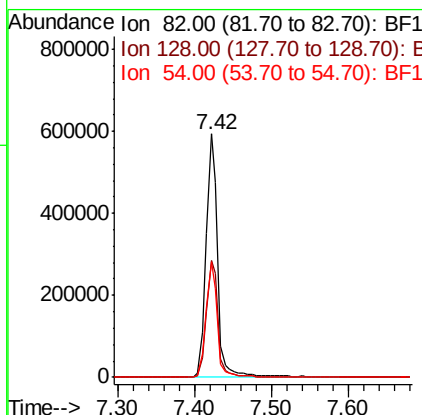
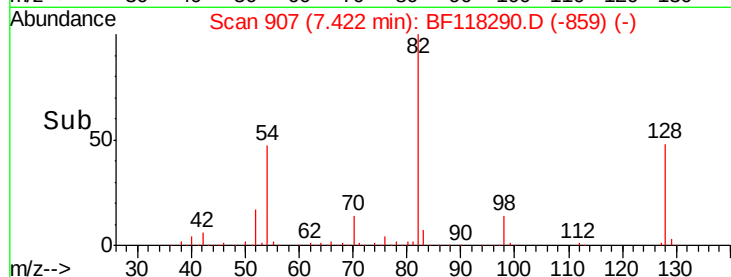
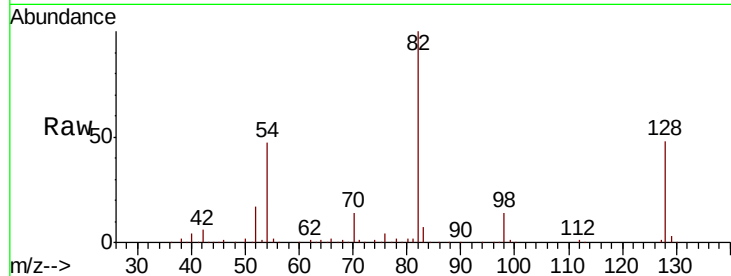




#23
 Nitrobenzene-d5
 Concen: 101.137 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118290.D
 Acq: 19 Dec 2019 20:21

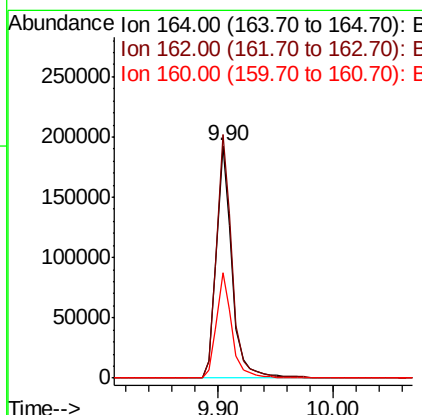
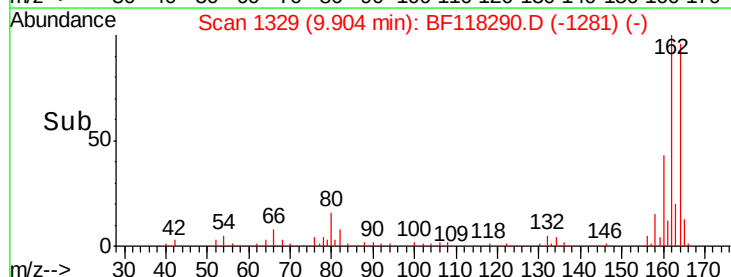
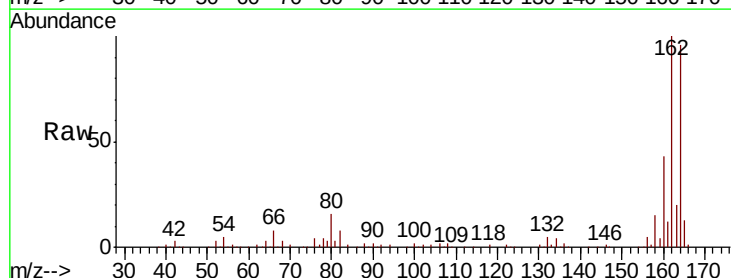
Instrument :
 BNA_F
 ClientSampleId :
 X089-WC-2

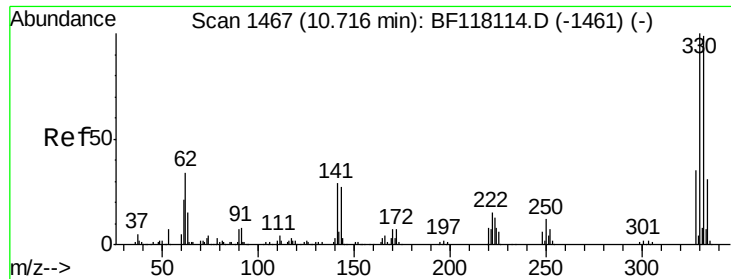
Tot Ion: 82 Resp: 622523
 Ion Ratio Lower Upper
 82 100
 128 47.8 39.1 58.7
 54 47.3 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF118290.D
 Acq: 19 Dec 2019 20:21

Tgt Ion:164 Resp: 180214
 Ion Ratio Lower Upper
 164 100
 162 104.7 83.4 125.0
 160 45.3 36.6 54.8

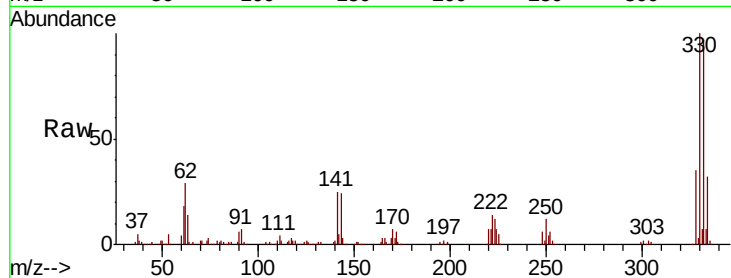




#42
 2,4,6-Tribromophenol
 Concen: 169.857 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118290.D
 Acq: 19 Dec 2019 20:21

Instrument :
 BNA_F
 ClientSampleId :
 X089-WC-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	32.5	26.9	40.3

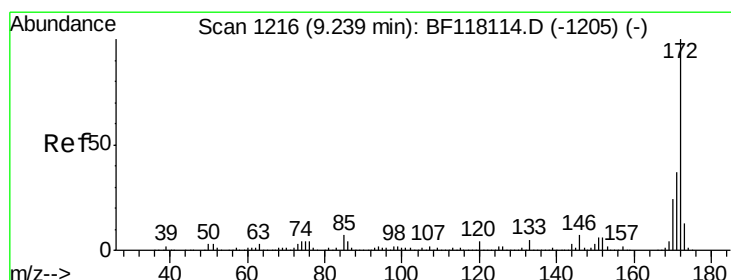
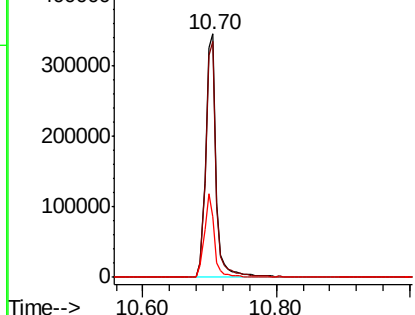
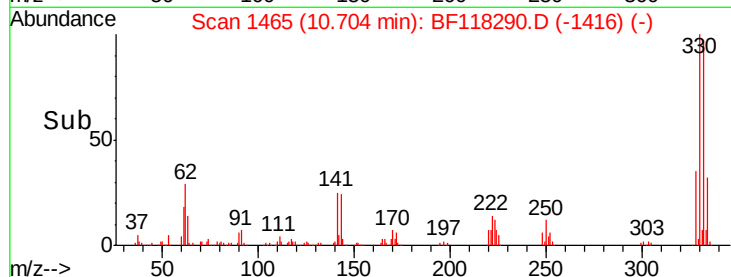


Abundance

Ion 329.80 (329.50 to 330.50): E

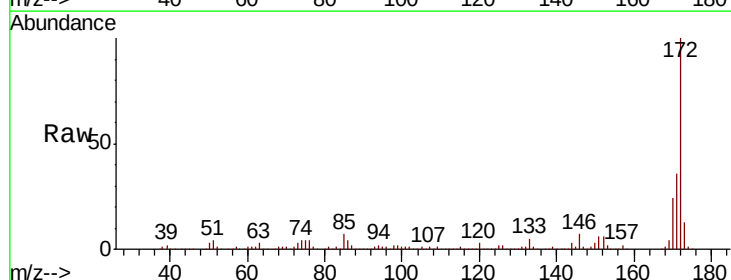
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 107.093 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118290.D
 Acq: 19 Dec 2019 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.5	19.4	29.2

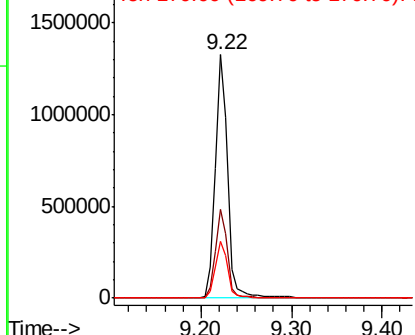
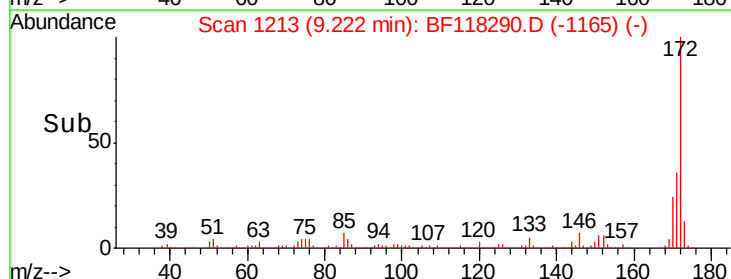


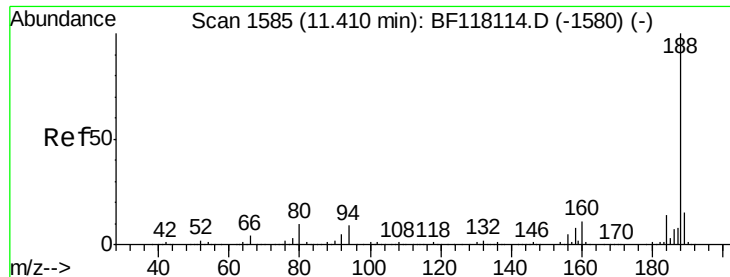
Abundance

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

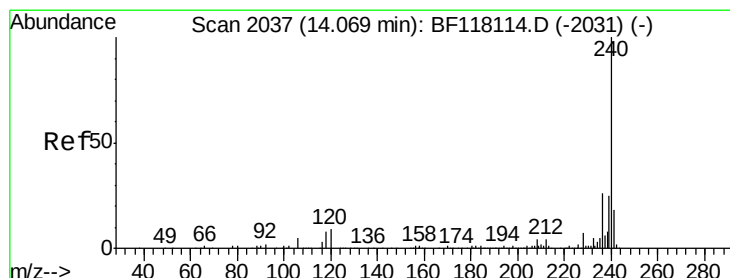
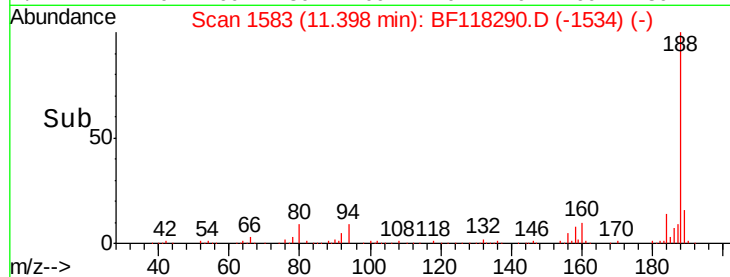
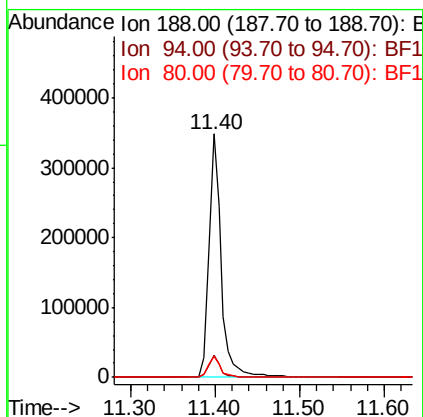
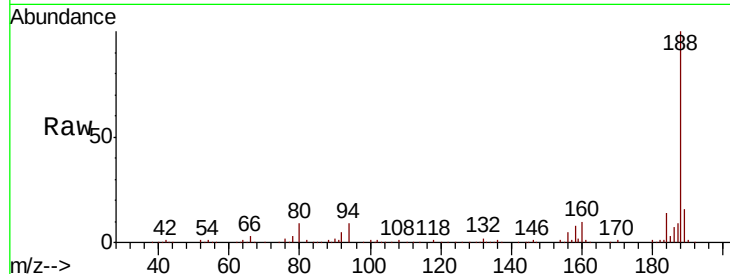




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

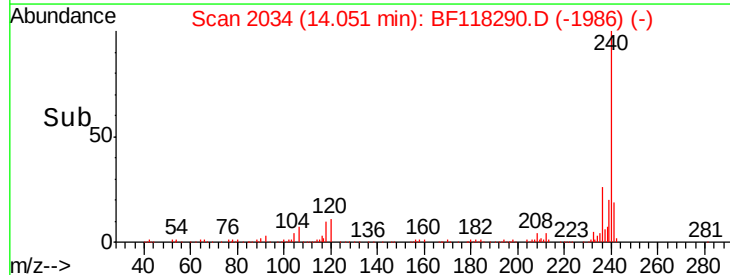
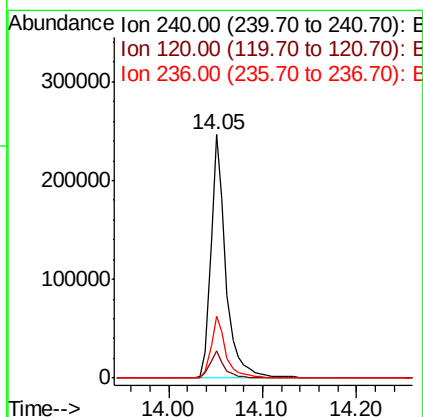
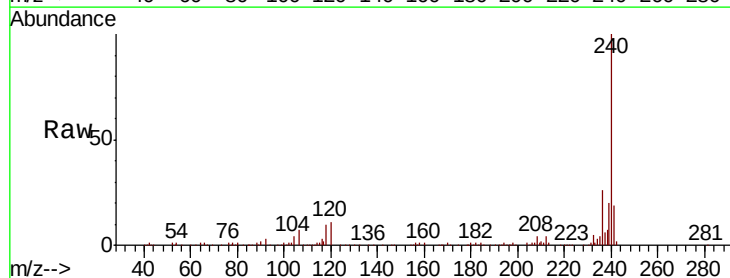
Instrument :
BNA_F
ClientSampleId :
X089-WC-2

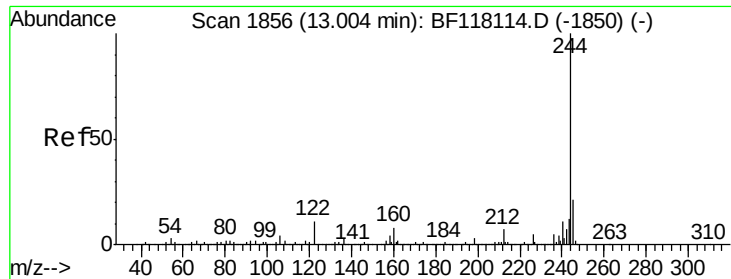
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	8.8	7.9	11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.1	10.7#
236	25.6	21.0	31.6





#79

Terphenyl-d14

Concen: 104.743 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118290.D

Acq: 19 Dec 2019 20:21

Instrument :

BNA_F

ClientSampleId :

X089-WC-2

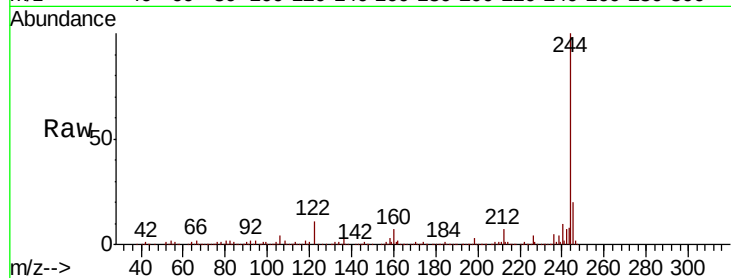
Tot Ion:244 Resp: 1685798

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

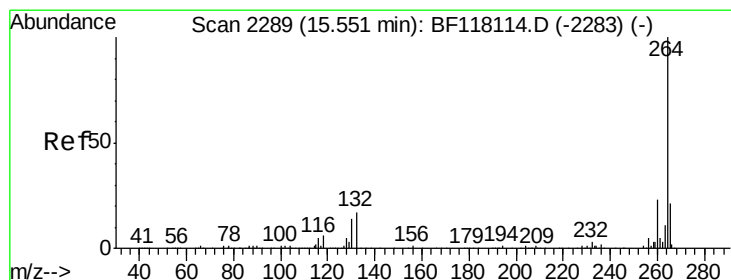
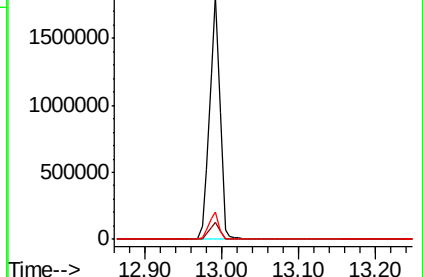
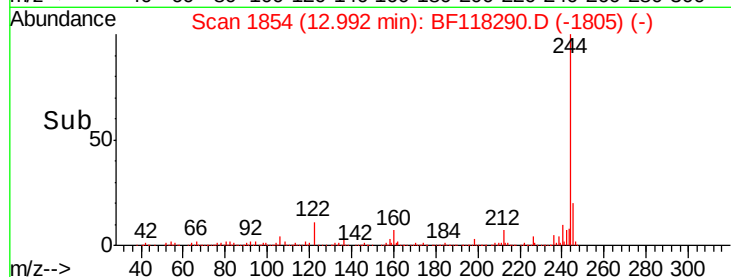
122 11.4 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

2500000 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: BF118290.D

Acq: 19 Dec 2019 20:21

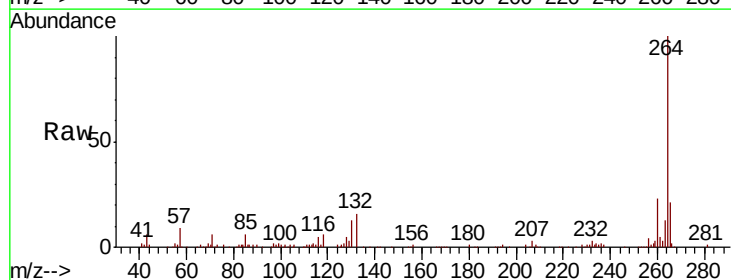
Tgt Ion:264 Resp: 244647

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.1 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

