

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117915.D
 Acq On : 21 Nov 2019 16:33
 Operator : JU
 Sample : K5904-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-(4-6)

Quant Time: Nov 22 00:32:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

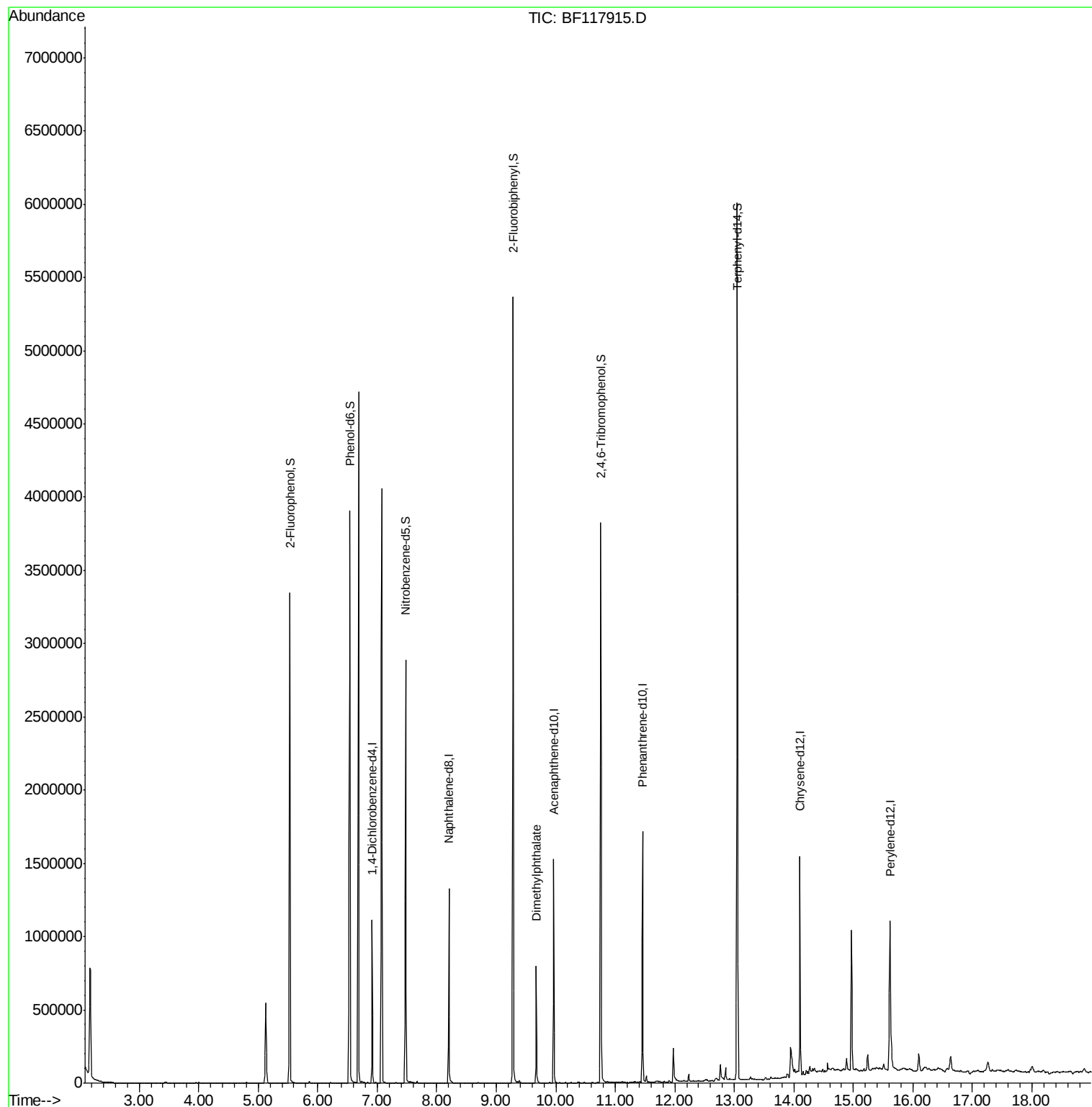
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	149012	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	594238	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	320937	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	620483	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	443659	20.00	ng	-0.01
87) Perylene-d12	15.62	264	489105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1018757	121.02	ng	0.00
7) Phenol-d6	6.54	99	1464231	144.21	ng	0.00
23) Nitrobenzene-d5	7.48	82	923959	92.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	470410	138.45	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1686866	94.30	ng	-0.01
79) Terphenyl-d14	13.05	244	2163006	89.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.67	163	309061	13.733	ng	Qvalue 98

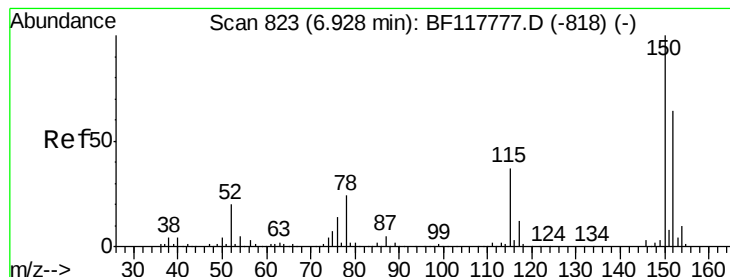
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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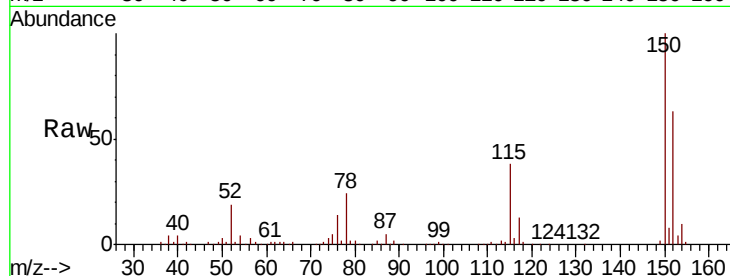


#1

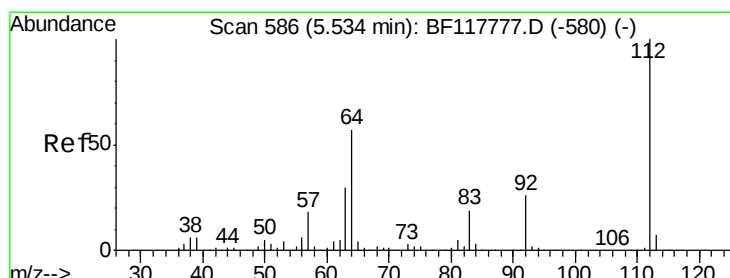
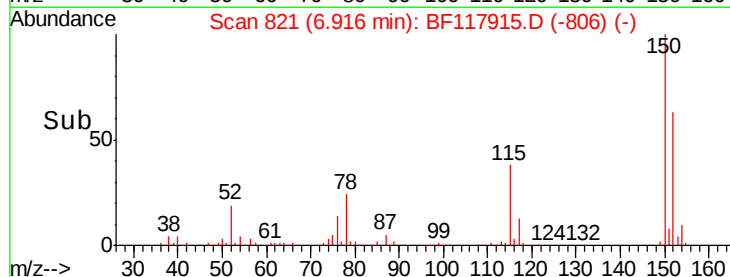
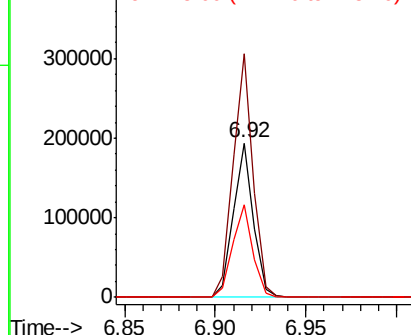
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117915.D
Acq: 21 Nov 2019 16:33

Instrument :
BNA_F
ClientSampleId :
1-(4-6)

Tot Ion:152 Resp: 149012
Ion Ratio Lower Upper
152 100
150 157.8 125.3 187.9
115 60.1 47.0 70.4



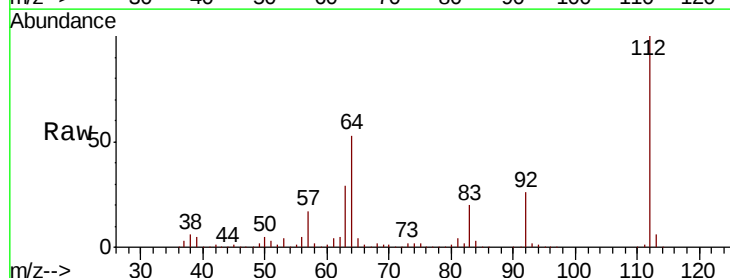
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



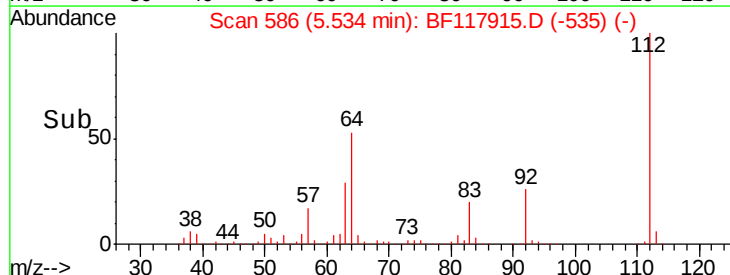
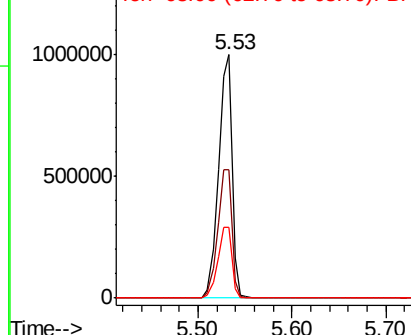
#5

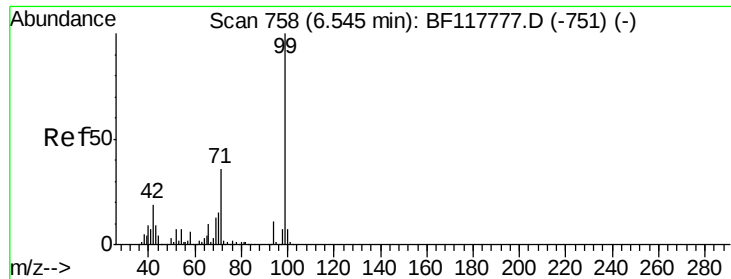
2-Fluorophenol
Concen: 121.018 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117915.D
Acq: 21 Nov 2019 16:33

Tgt Ion:112 Resp: 1018757
Ion Ratio Lower Upper
112 100
64 52.6 45.6 68.4
63 29.3 24.1 36.1



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: 144.206 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117915.D

Acq: 21 Nov 2019 16:33

Instrument :

BNA_F

ClientSampleId :

1-(4-6)

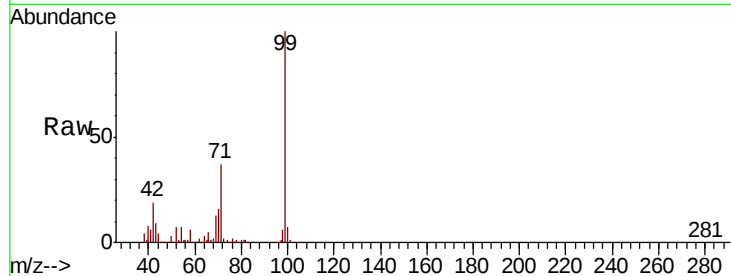
Tot Ion: 99 Resp: 1464231

Ion Ratio Lower Upper

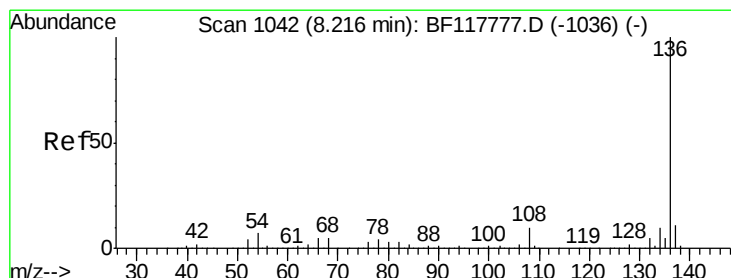
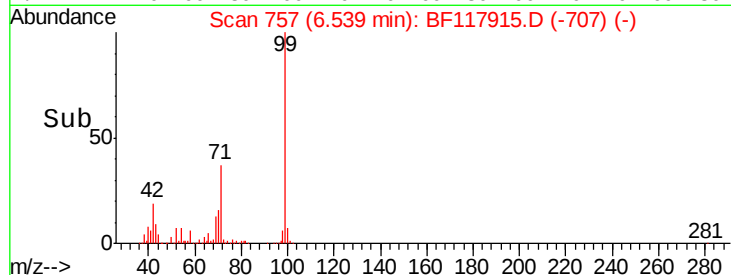
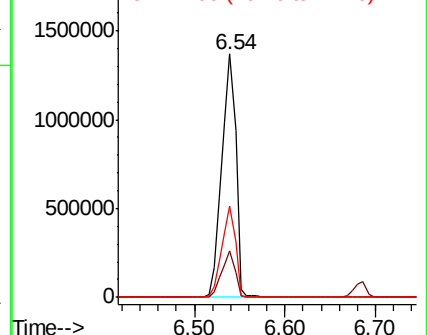
99 100

42 18.9 14.9 22.3

71 37.5 28.6 43.0



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: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117915.D

Acq: 21 Nov 2019 16:33

Tgt Ion: 136 Resp: 594238

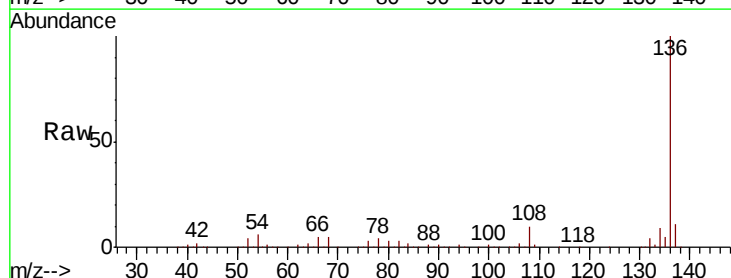
Ion Ratio Lower Upper

136 100

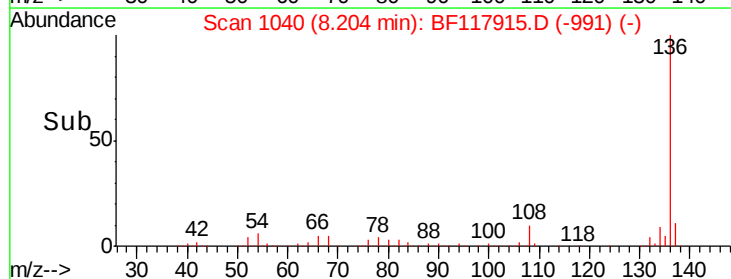
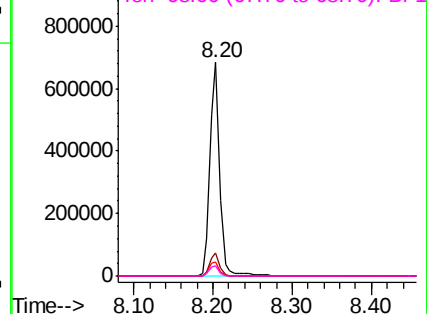
137 10.9 9.0 13.4

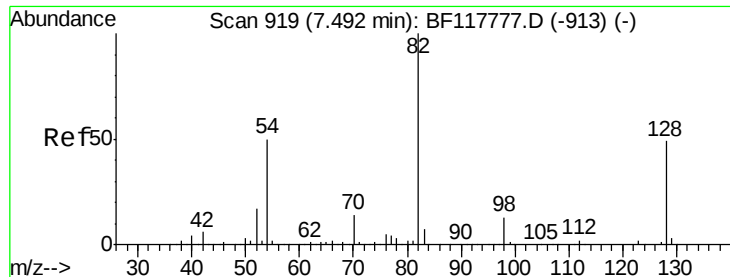
54 6.5 5.4 8.2

68 5.0 4.3 6.5



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

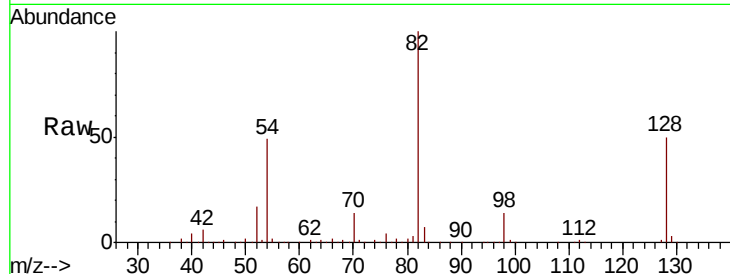




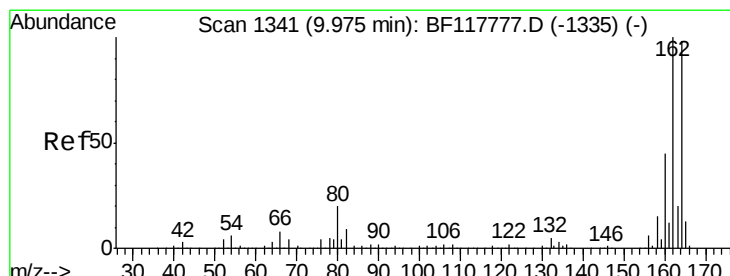
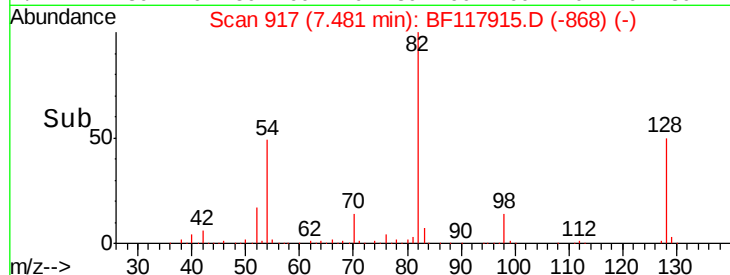
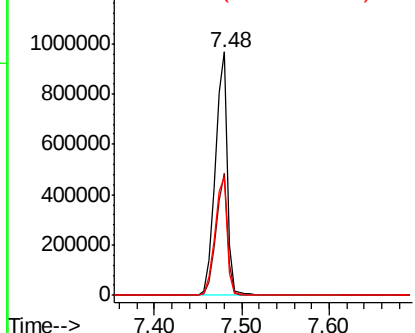
#23
Nitrobenzene-d5
Concen: 92.430 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117915.D
Acq: 21 Nov 2019 16:33

Instrument :
BNA_F
ClientSampleId :
1-(4-6)

Tot Ion	82	Resp	923959
Ion Ratio	100	Lower	Upper
128	50.0	38.9	58.3
54	48.6	39.8	59.6

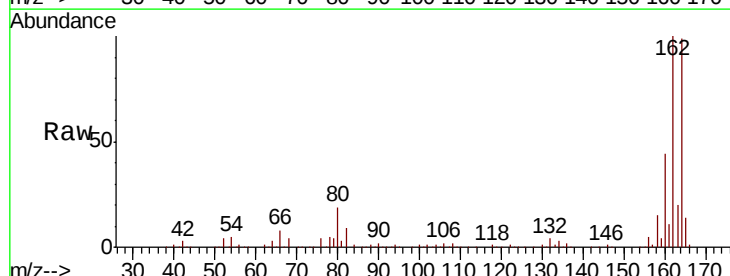


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

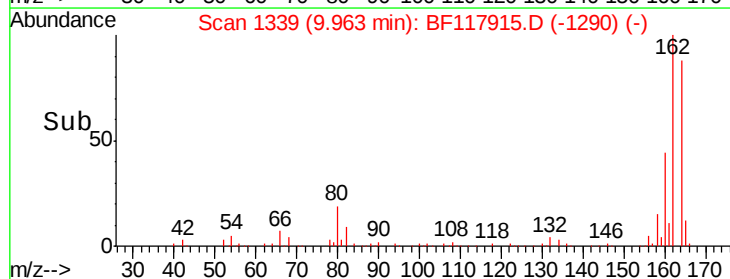
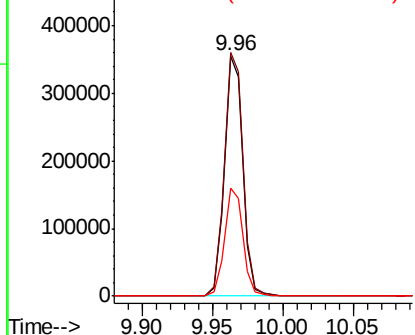


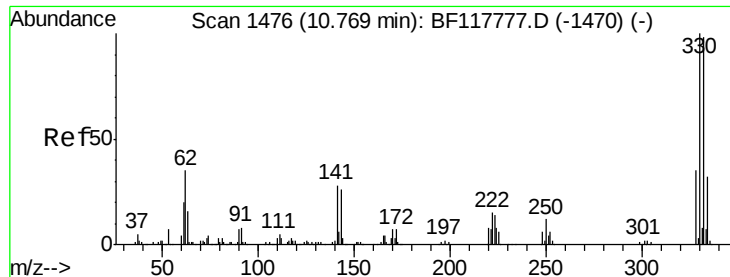
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117915.D
Acq: 21 Nov 2019 16:33

Tgt Ion	164	Resp	320937
Ion Ratio	100	Lower	Upper
162	101.4	81.3	121.9
160	45.1	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 138.448 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117915.D

Acq: 21 Nov 2019 16:33

Instrument :

BNA_F

ClientSampleId :

1-(4-6)

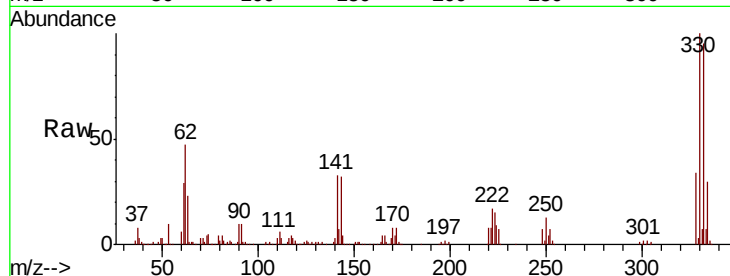
Tot Ion:330 Resp: 470410

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

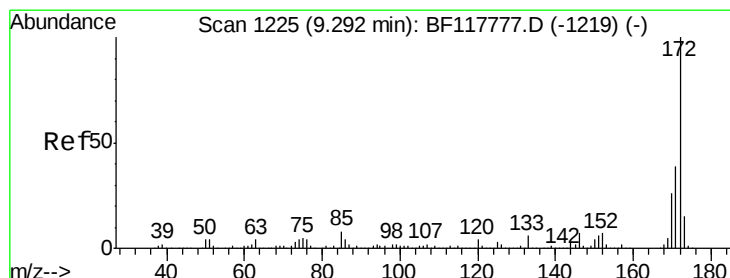
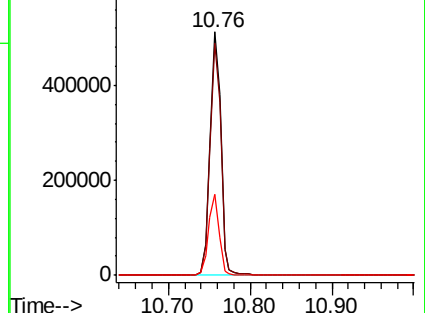
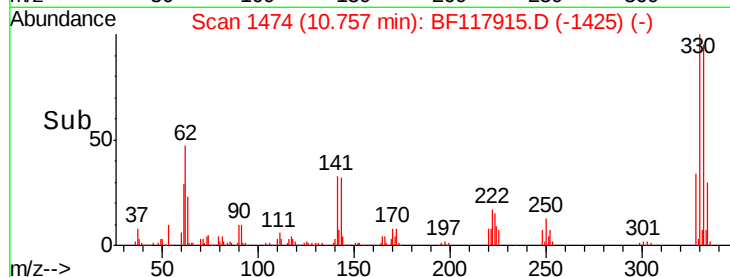
141 32.5 27.7 41.5



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: 94.296 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117915.D

Acq: 21 Nov 2019 16:33

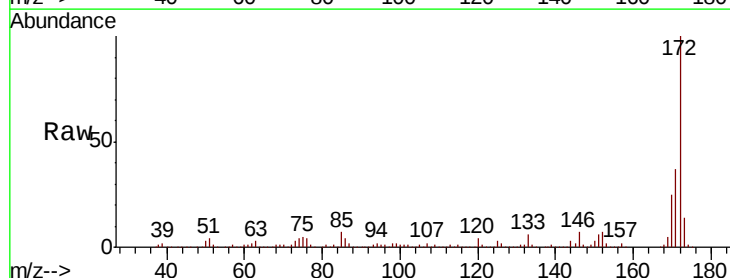
Tgt Ion:172 Resp: 1686866

Ion Ratio Lower Upper

172 100

171 37.4 30.9 46.3

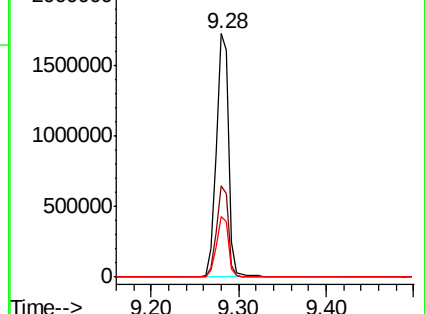
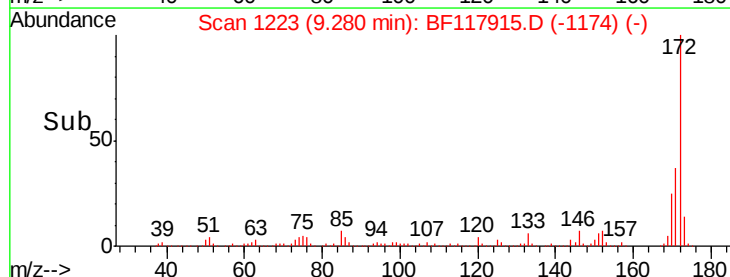
170 24.7 21.0 31.4

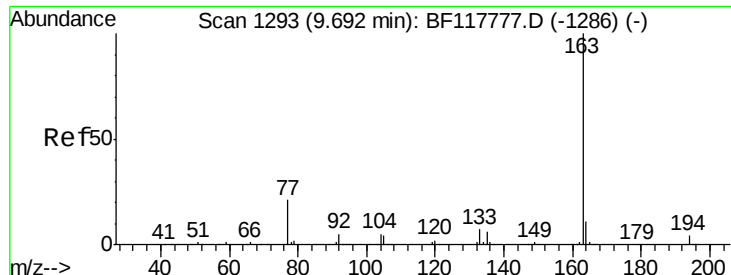


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

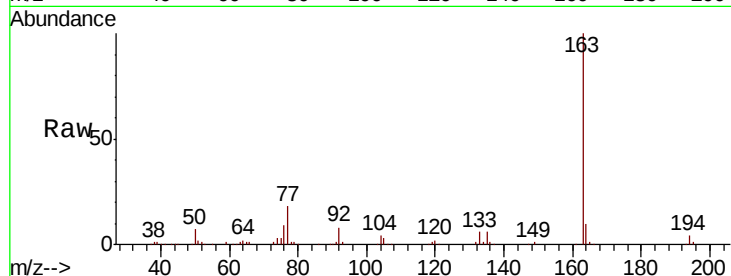




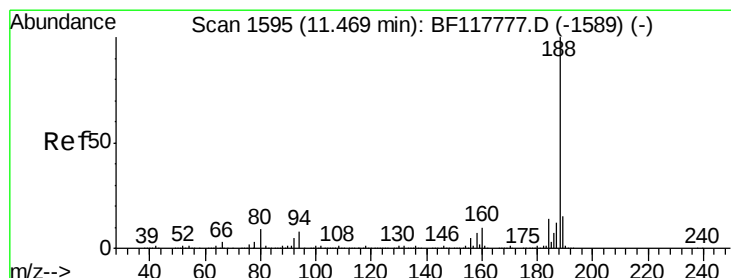
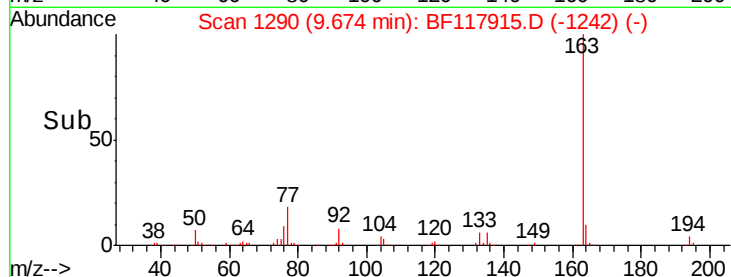
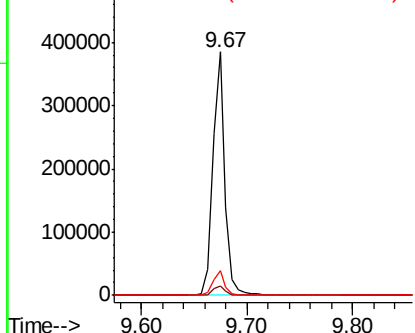
#50
Dimethylphthalate
Concen: 13.733 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117915.D
Acq: 21 Nov 2019 16:33

Instrument :
BNA_F
ClientSampleId :
1-(4-6)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	8.7	13.1

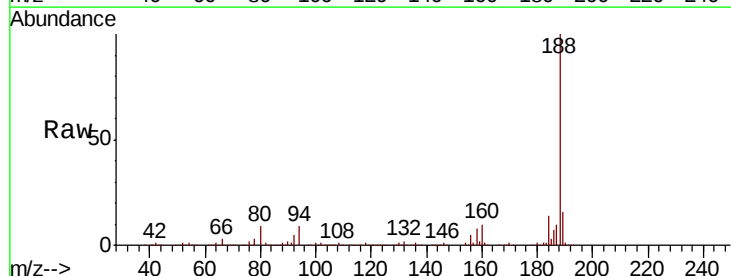


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

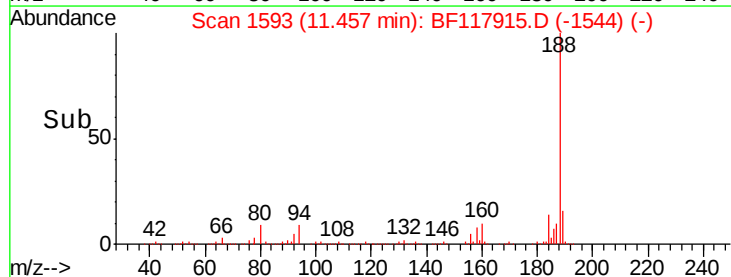
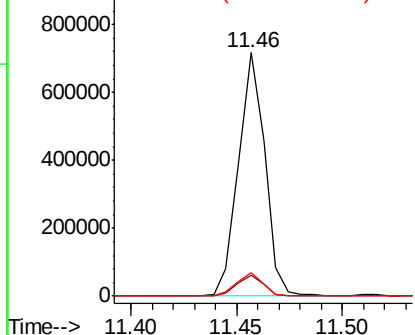


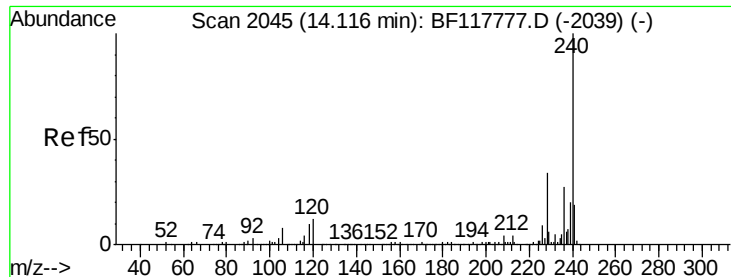
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117915.D
Acq: 21 Nov 2019 16:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.5	7.2	10.8



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

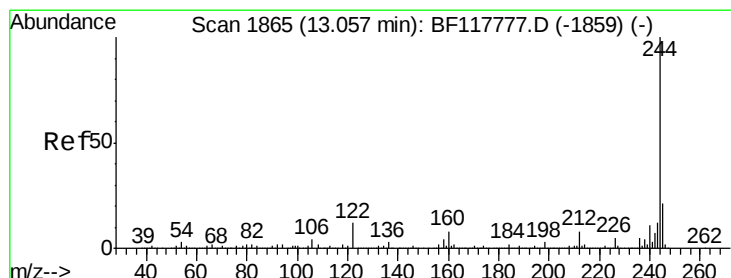
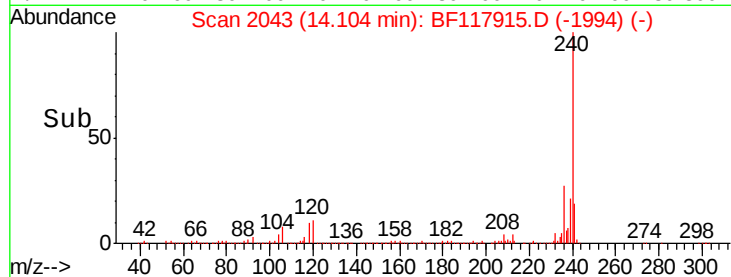
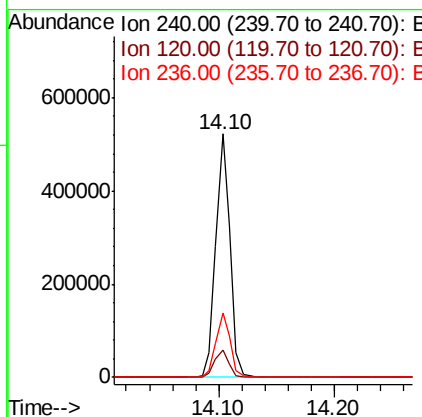
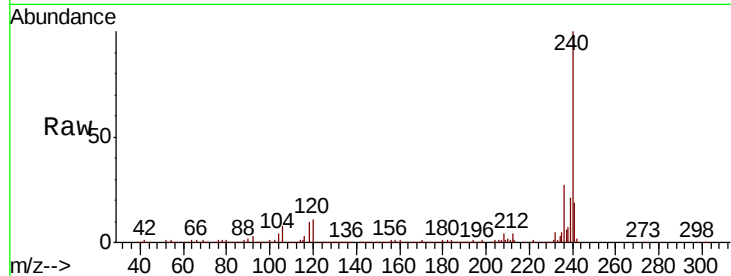




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117915.D
 Acq: 21 Nov 2019 16:33

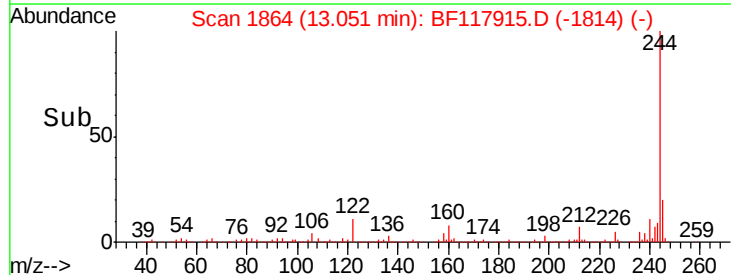
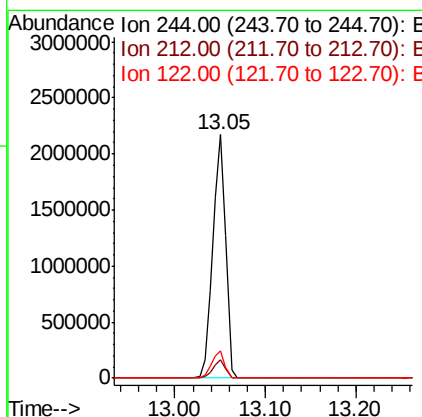
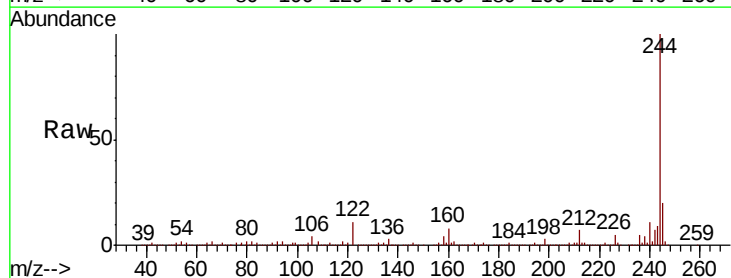
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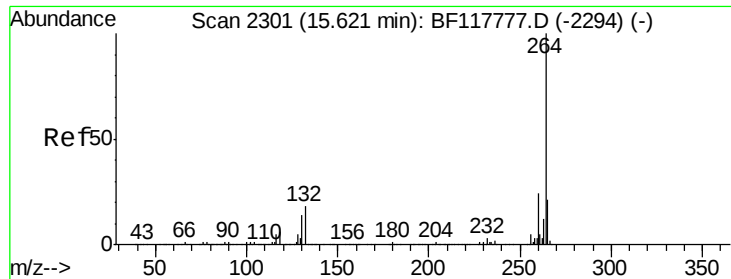
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.6	21.3	31.9



#79
 Terphenyl-d14
 Concen: 89.103 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117915.D
 Acq: 21 Nov 2019 16:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	11.0	9.4	14.2

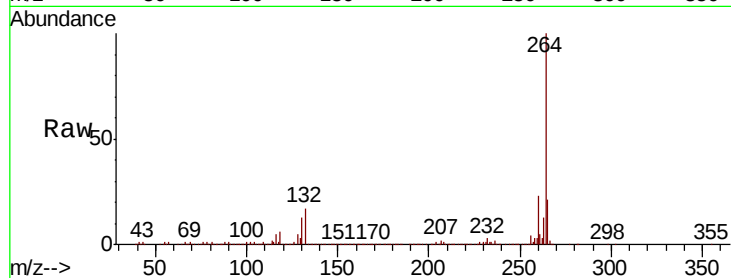




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117915.D
 Acq: 21 Nov 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :
 1-(4-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.4	17.1	25.7



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

