

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117104.D
 Acq On : 17 Sep 2019 14:11
 Operator : HP/JU
 Sample : K4883-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW5-R2-1

Quant Time: Sep 18 04:03:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	58091	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	220936	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	118769	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	196816	20.00	ng	0.00
76) Chrysene-d12	13.97	240	131016	20.00	ng	0.00
87) Perylene-d12	15.42	264	120823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	210813	56.66	ng	0.00
7) Phenol-d6	6.46	99	184445	38.36	ng	0.00
23) Nitrobenzene-d5	7.39	82	392691	93.39	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	143366	144.43	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	718015	94.53	ng	0.00
79) Terphenyl-d14	12.92	244	638900	91.15	ng	0.00

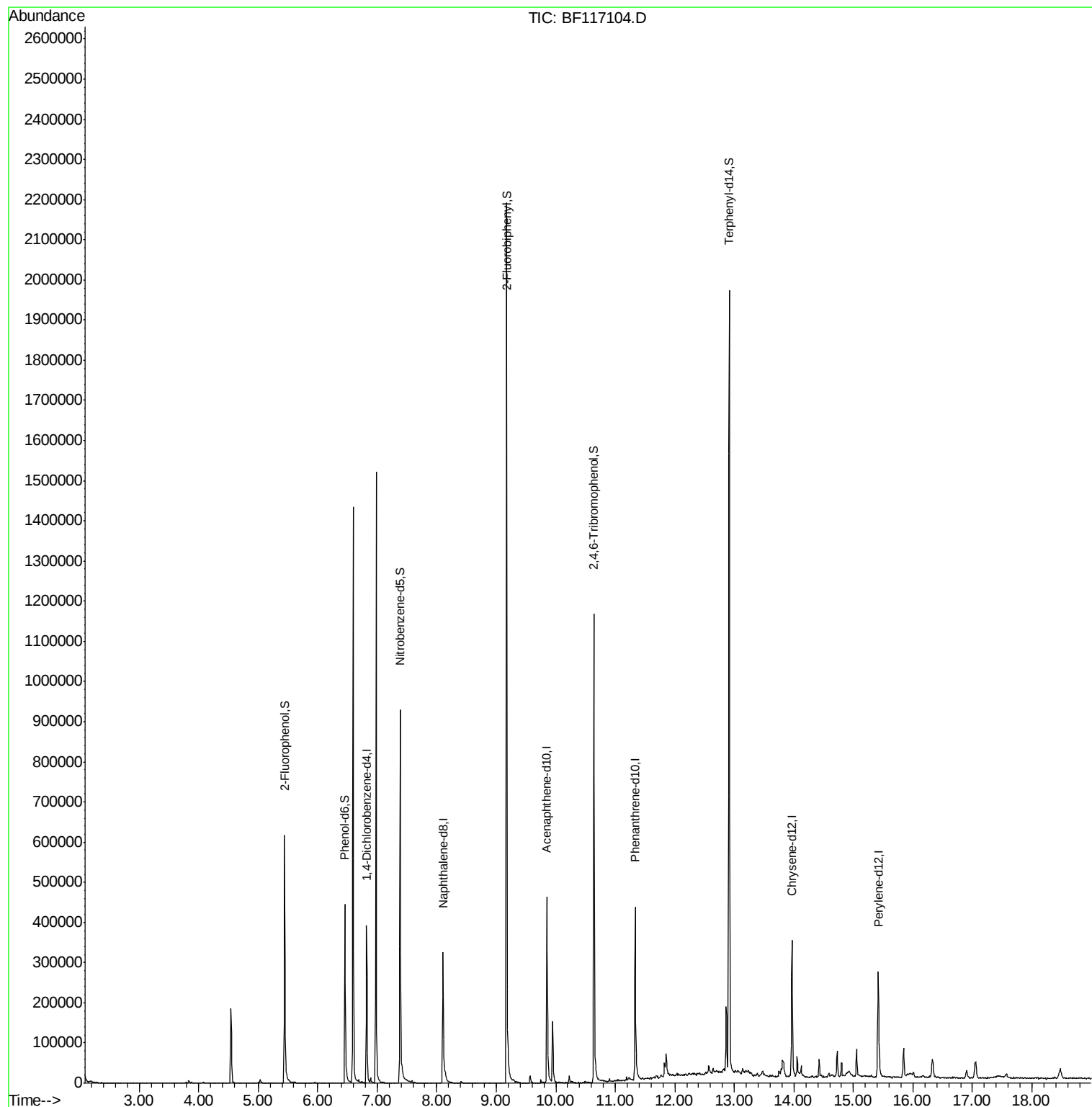
Target Compounds Qvalue

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

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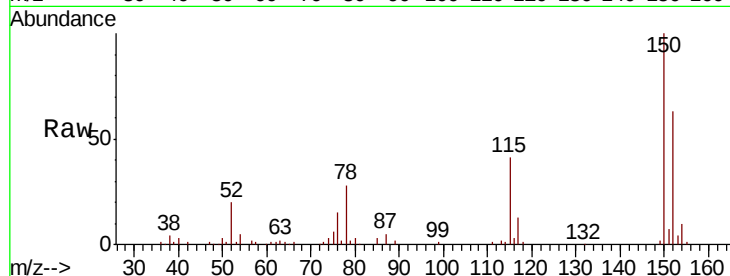


#1

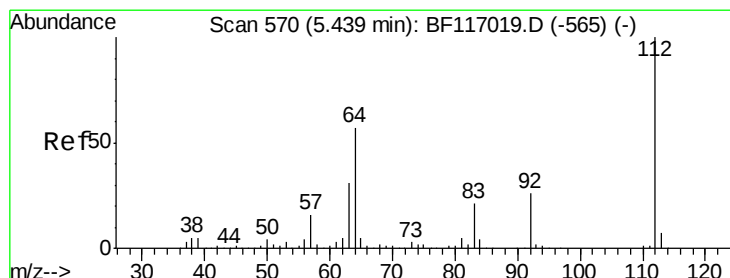
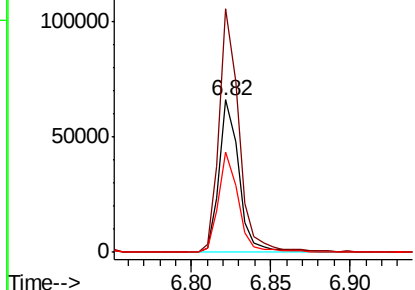
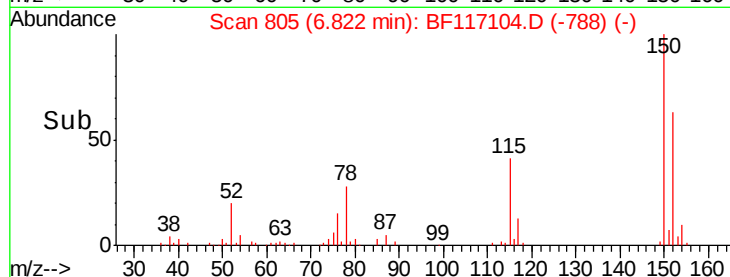
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117104.D
Acq: 17 Sep 2019 14:11

Instrument :
BNA_F
ClientSampleId :
MW5-R2-1

Tot Ion:152 Resp: 58091
Ion Ratio Lower Upper
152 100
150 159.7 127.5 191.3
115 66.0 55.0 82.4



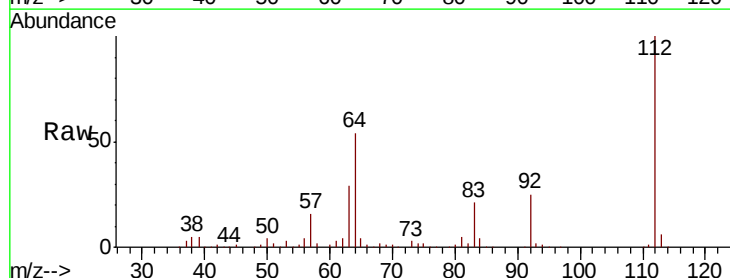
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



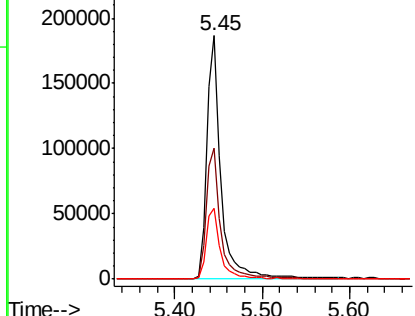
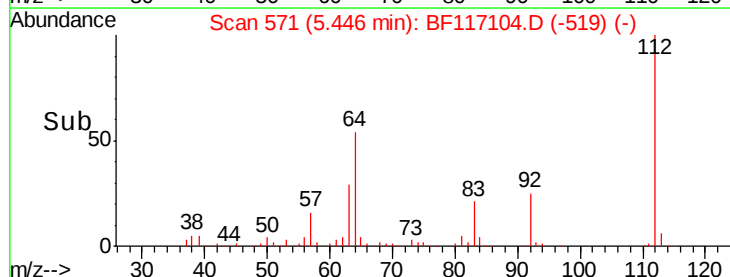
#5

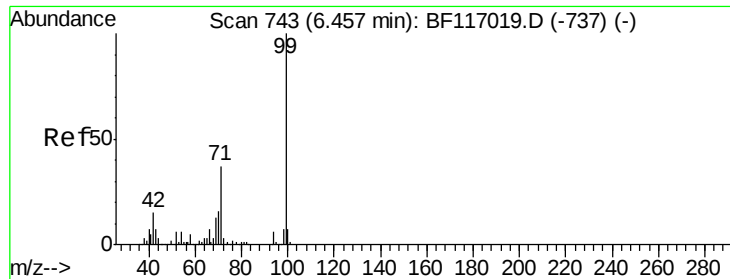
2-Fluorophenol
Concen: 56.658 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117104.D
Acq: 17 Sep 2019 14:11

Tgt Ion:112 Resp: 210813
Ion Ratio Lower Upper
112 100
64 53.9 45.7 68.5
63 28.9 24.9 37.3



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: 38.357 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117104.D

Acq: 17 Sep 2019 14:11

Instrument :

BNA_F

ClientSampleId :

MW5-R2-1

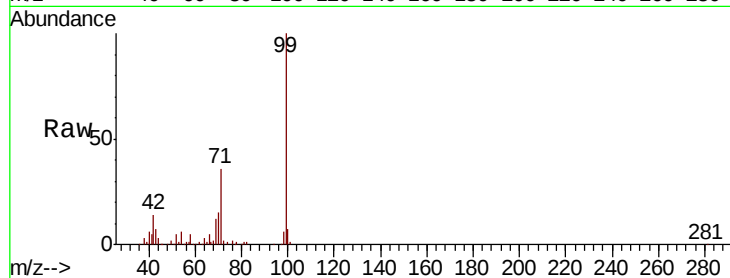
Tot Ion: 99 Resp: 184445

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

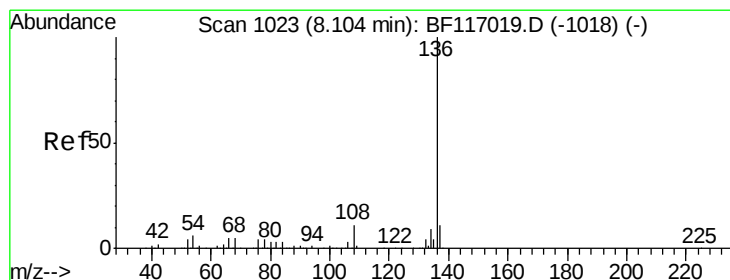
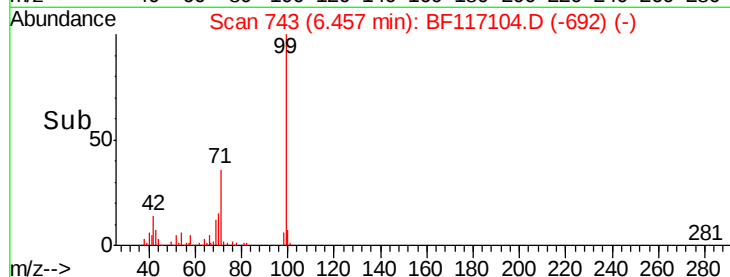
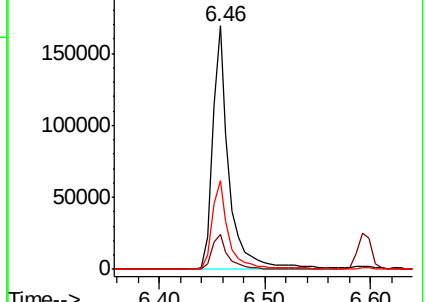
71 36.2 29.8 44.8



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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117104.D

Acq: 17 Sep 2019 14:11

Tgt Ion: 136 Resp: 220936

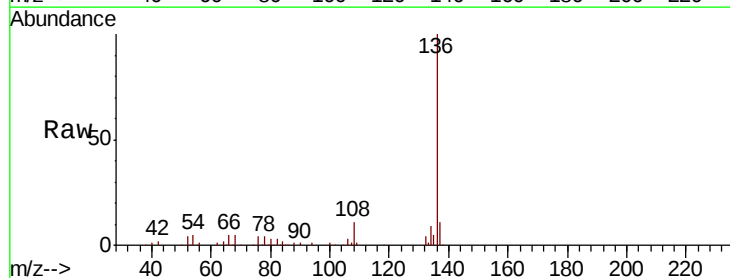
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.2 4.5 6.7

68 4.6 4.0 6.0

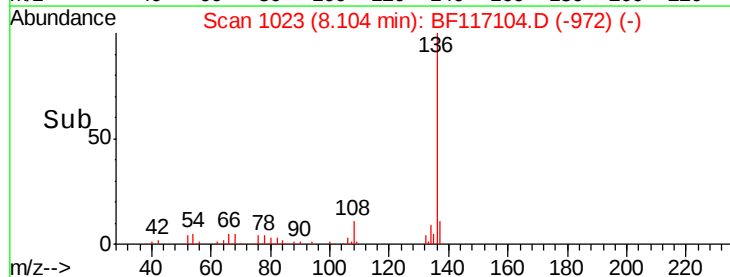
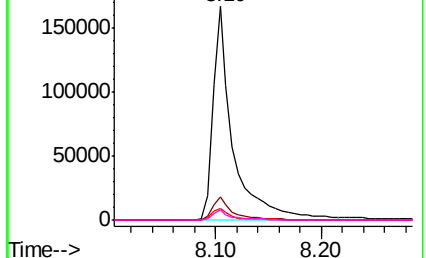


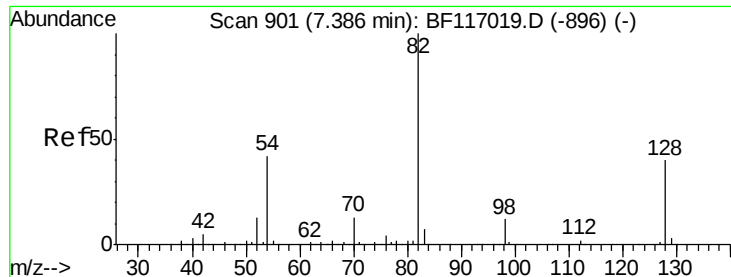
Abundance Ion 136.00 (135.70 to 136.70): E

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

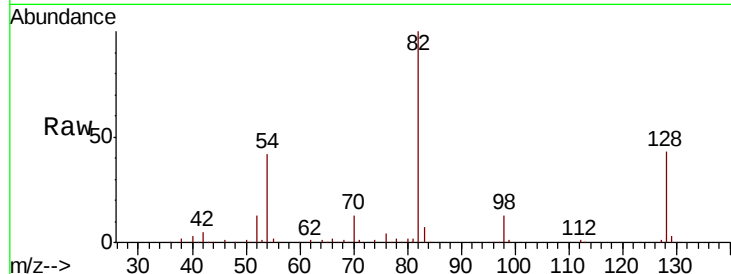




#23
Nitrobenzene-d5
Concen: 93.389 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117104.D
Acq: 17 Sep 2019 14:11

Instrument :
BNA_F
ClientSampleId :
MW5-R2-1

Tot Ion	82	Resp	392691
Ion Ratio	100	Lower	Upper
128	43.0	32.3	48.5
54	41.9	33.3	49.9

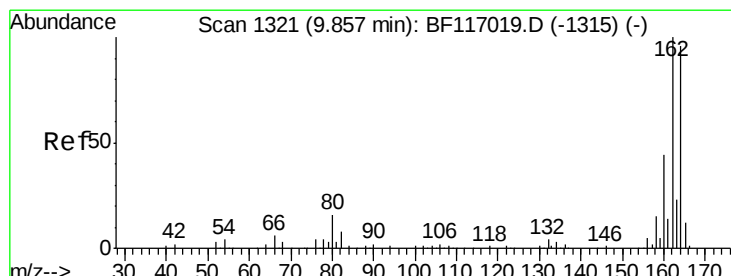
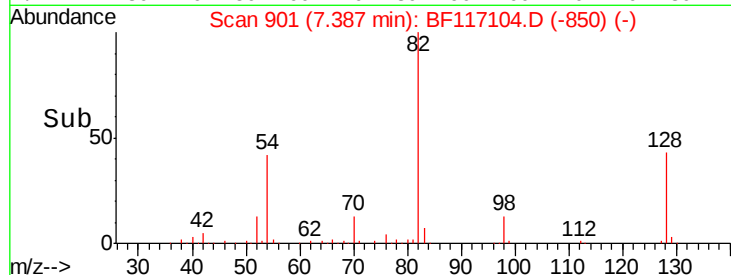
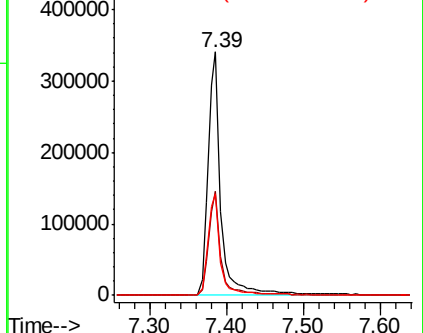


Abundance

Ion 82.00 (81.70 to 82.70): BF1

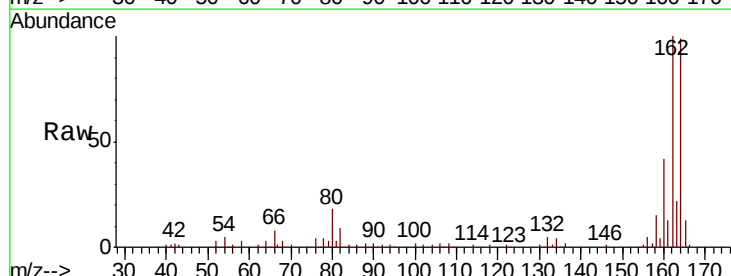
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117104.D
Acq: 17 Sep 2019 14:11

Tgt Ion	164	Resp	118769
Ion Ratio	100	Lower	Upper
162	101.4	83.4	125.2
160	42.9	36.4	54.6

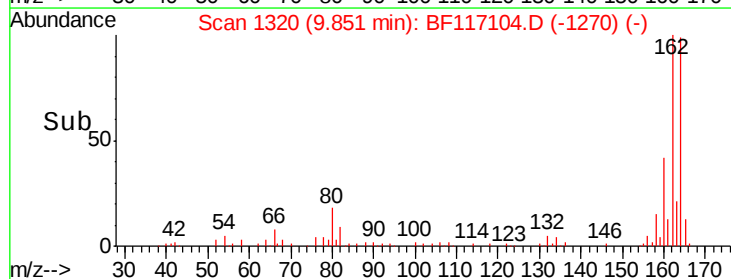
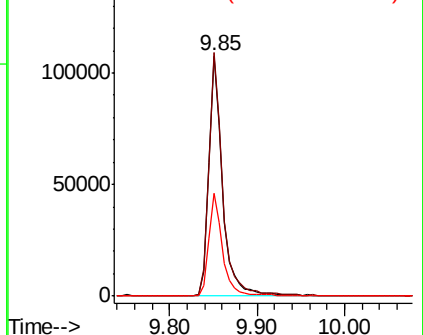


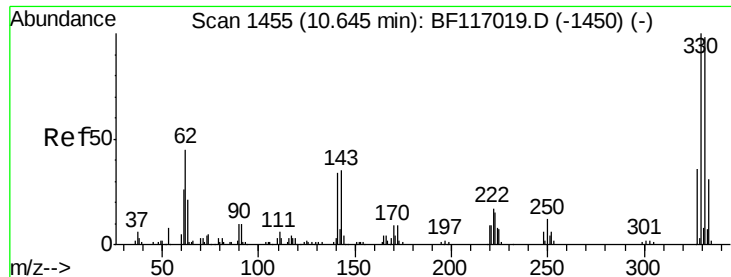
Abundance

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

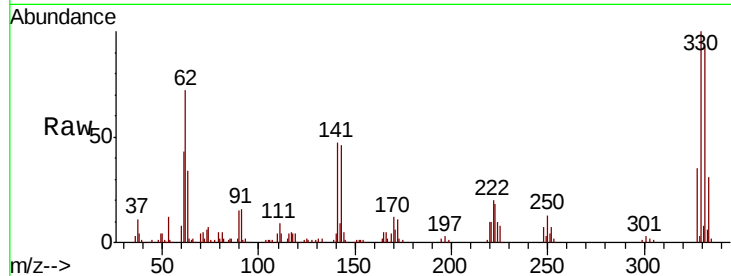




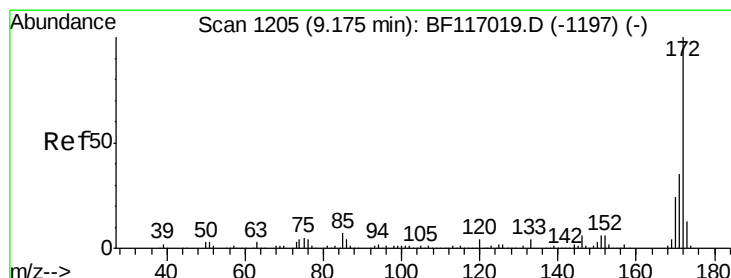
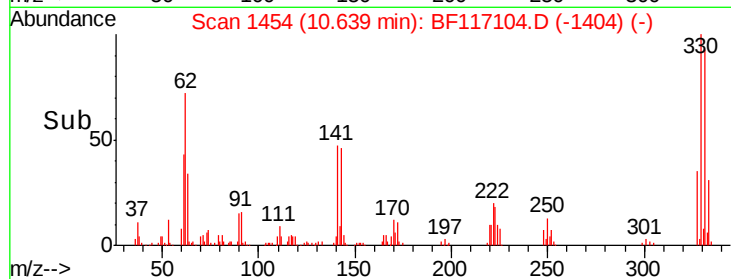
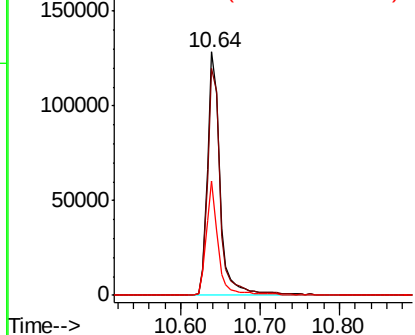
#42
 2,4,6-Tribromophenol
 Concen: 144.429 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117104.D
 Acq: 17 Sep 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :
 MW5-R2-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	78.0	117.0
141	44.3	35.8	53.6

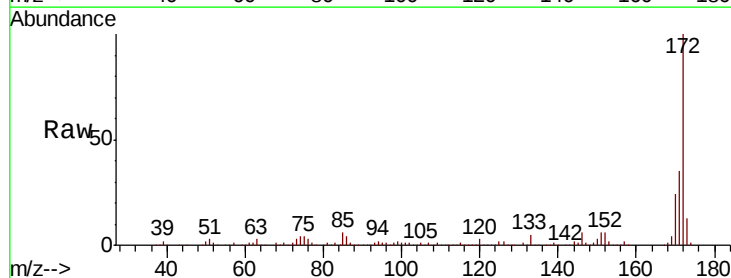


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

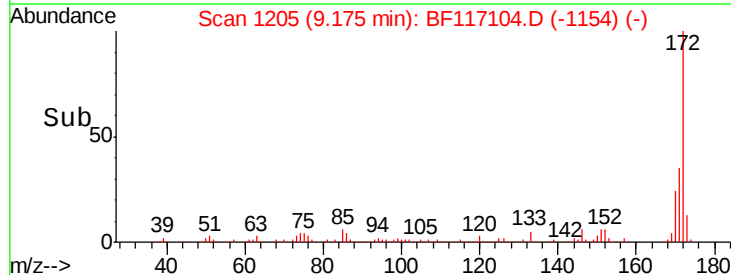
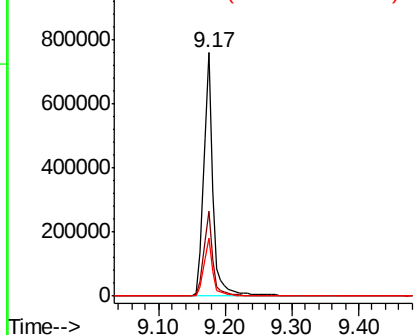


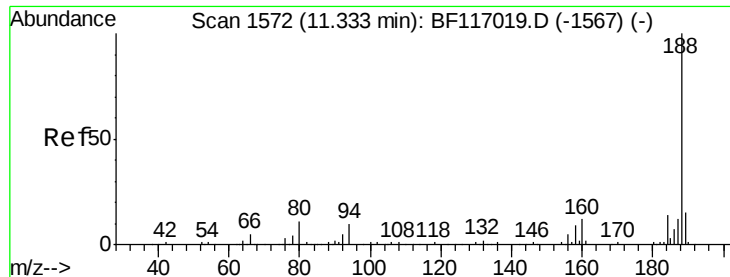
#45
 2-Fluorobiphenyl
 Concen: 94.526 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117104.D
 Acq: 17 Sep 2019 14:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.7	18.9	28.3



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

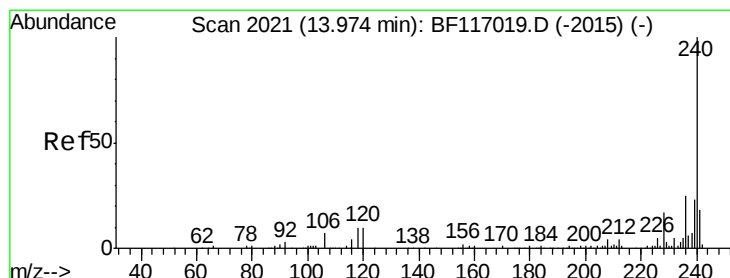
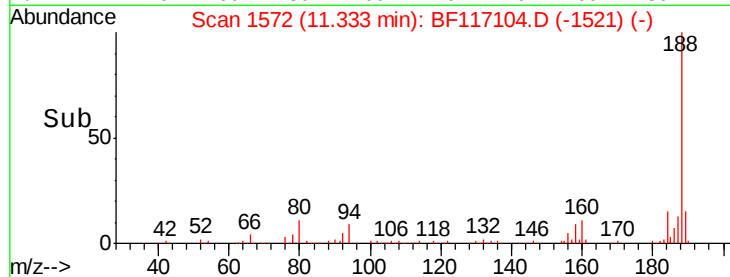
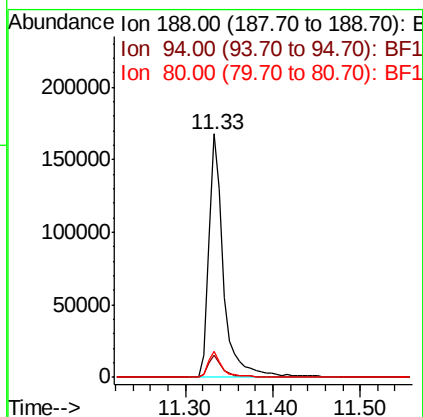
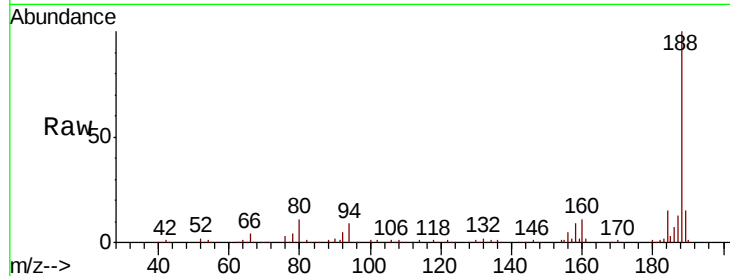




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117104.D
Acq: 17 Sep 2019 14:11

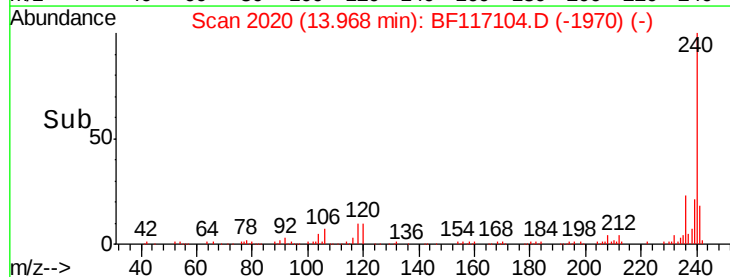
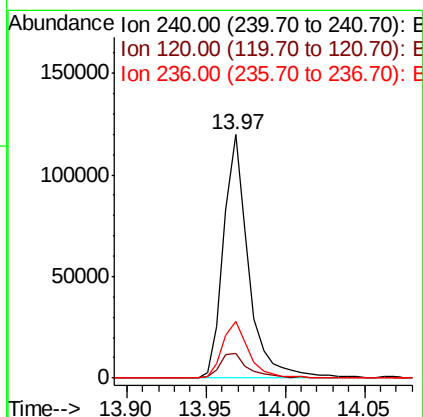
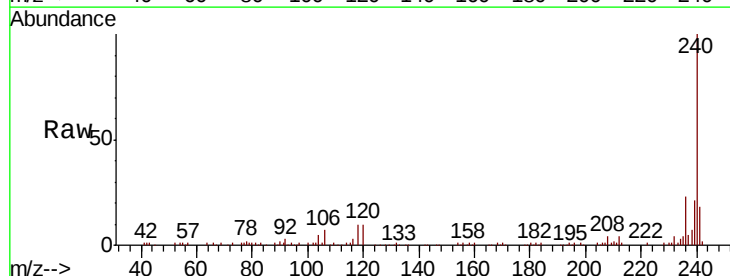
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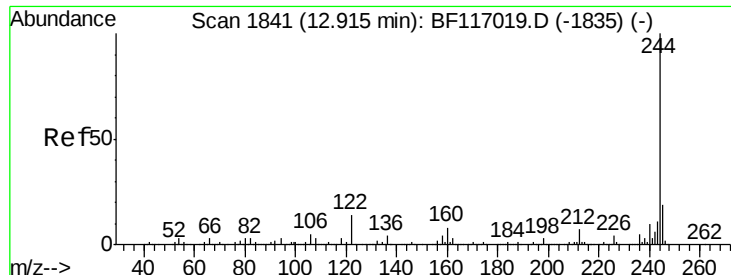
Tot Ion:188 Resp: 196816
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.6 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117104.D
Acq: 17 Sep 2019 14:11

Tgt Ion:240 Resp: 131016
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 23.4 20.3 30.5

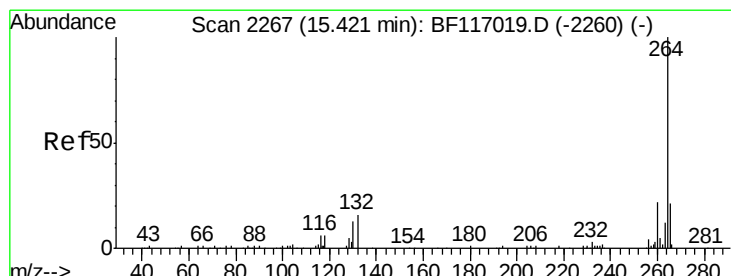
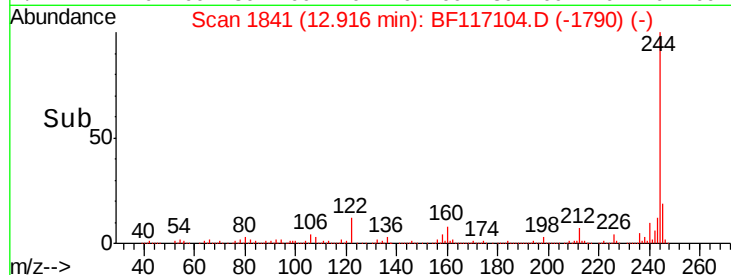
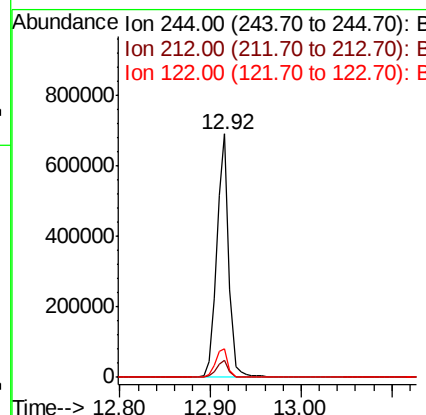
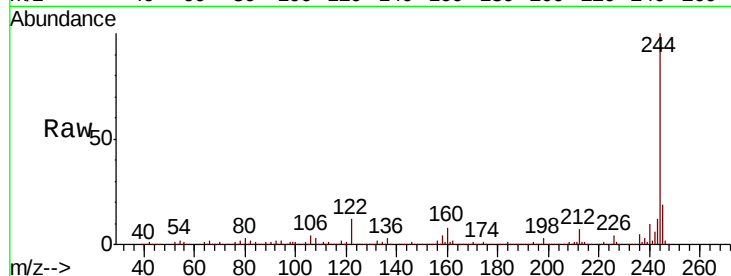




#79
 Terphenyl-d14
 Concen: 91.153 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117104.D
 Acq: 17 Sep 2019 14:11

Instrument :
 BNA_F
 ClientSampleId :
 MW5-R2-1

Tot Ion:244 Resp: 638900
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.9 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117104.D
 Acq: 17 Sep 2019 14:11

Tgt Ion:264 Resp: 120823
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.6 26.4
 265 22.3 16.6 24.8

