

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117411.D
 Acq On : 16 Oct 2019 14:13
 Operator : JU
 Sample : K5148-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119

Quant Time: Oct 16 14:56:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43911	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	175755	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	94778	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	164276	20.00	ng	0.00
76) Chrysene-d12	13.96	240	147242	20.00	ng	0.00
87) Perylene-d12	15.41	264	146192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	385922	135.23	ng	0.00
7) Phenol-d6	6.44	99	503819	133.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	328090	94.63	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	127681	165.53	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	616694	94.86	ng	0.00
79) Terphenyl-d14	12.90	244	754448	83.53	ng	0.00

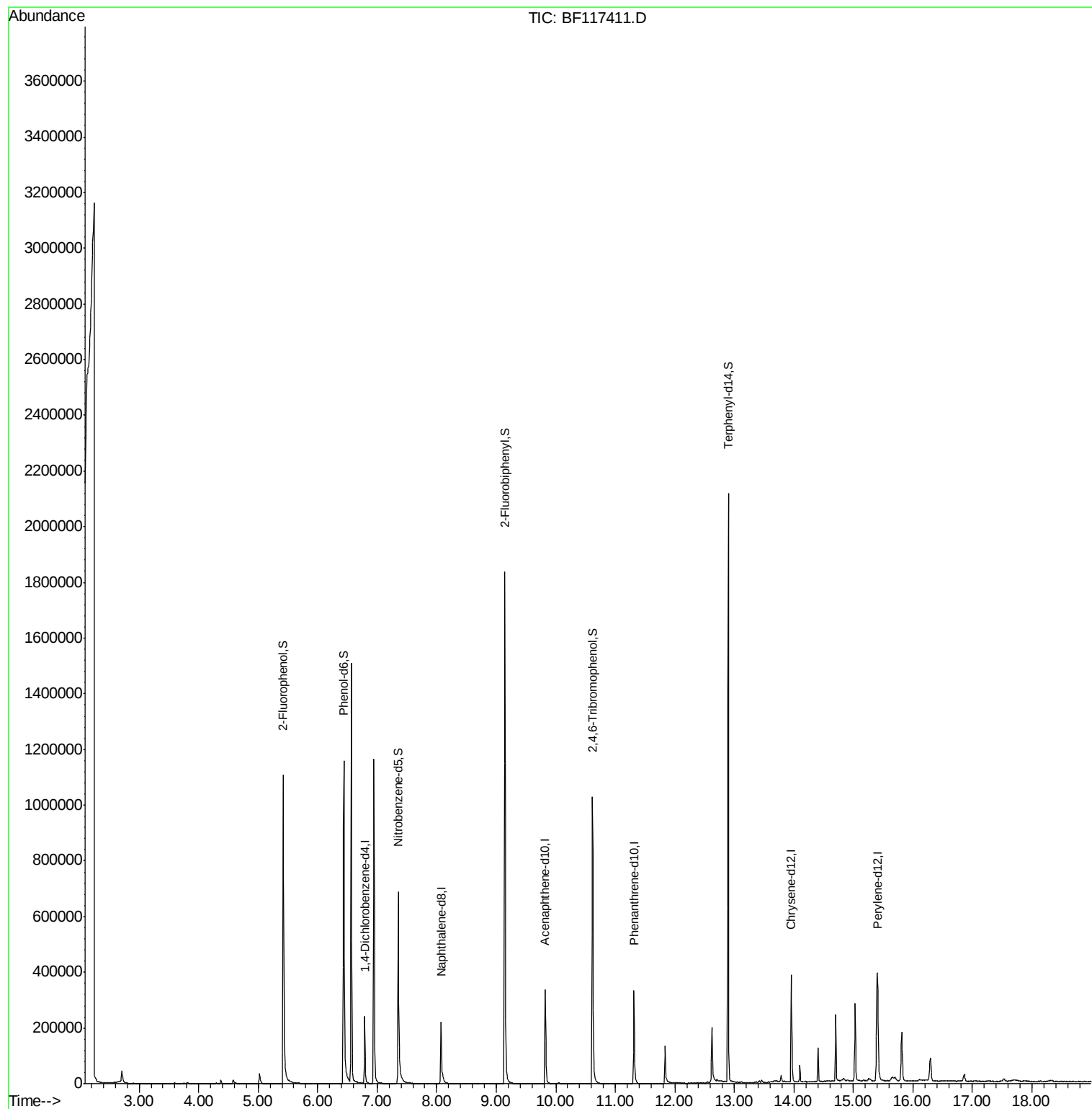
Target Compounds Qvalue

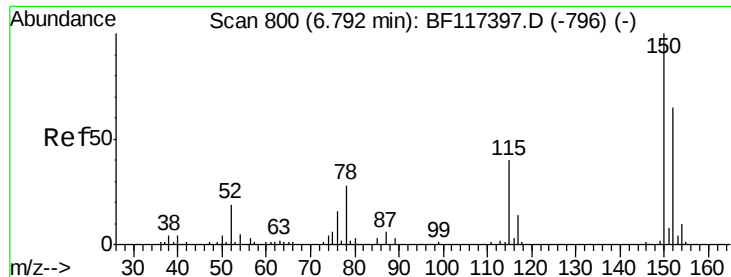
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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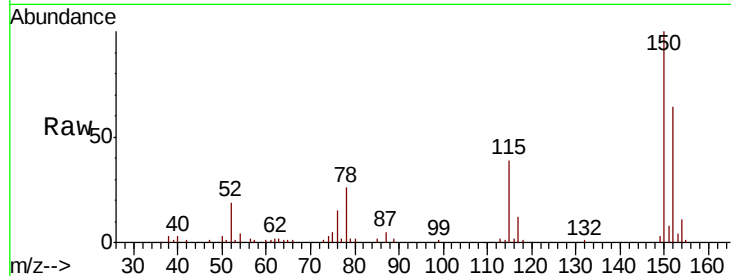


#1

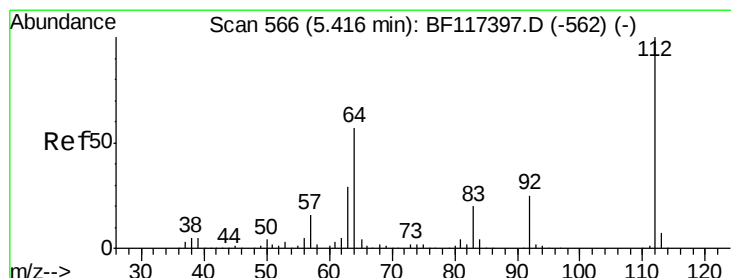
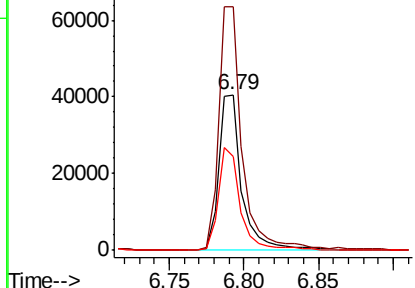
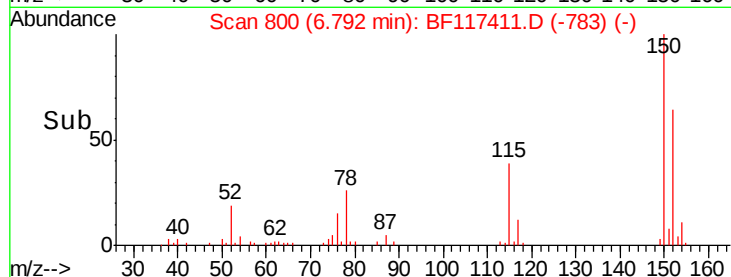
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF117411.D
 Acq: 16 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119

Tot Ion:152 Resp: 43911
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.7 184.1
 115 60.6 48.6 73.0



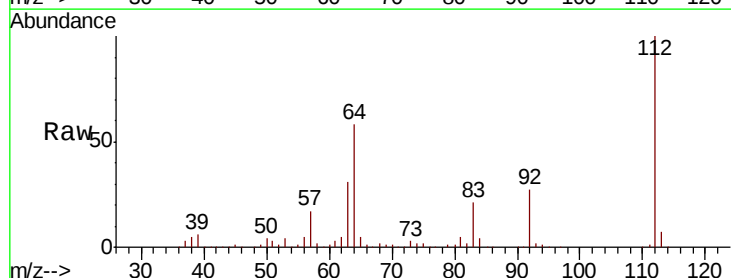
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



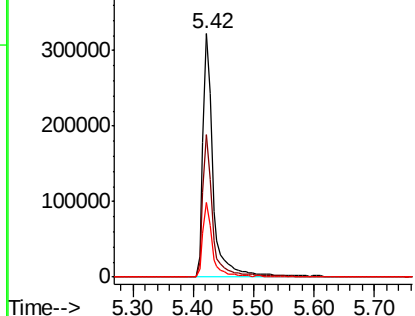
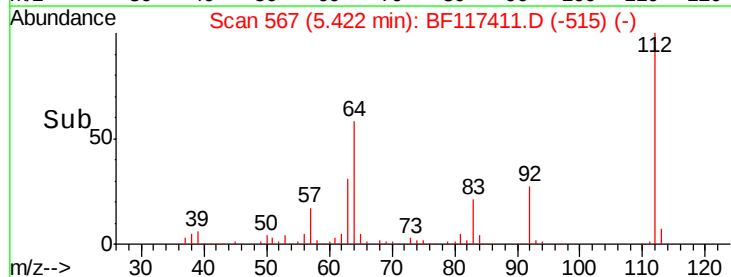
#5

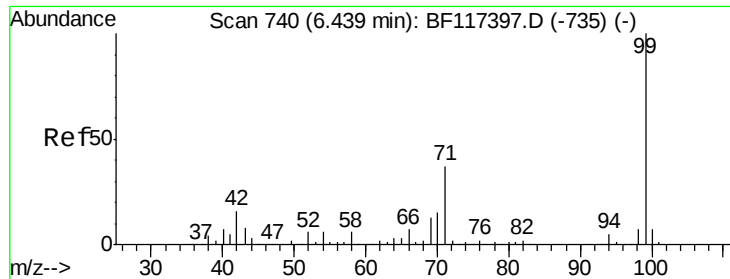
2-Fluorophenol
 Concen: 135.226 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF117411.D
 Acq: 16 Oct 2019 14:13

Tgt Ion:112 Resp: 385922
 Ion Ratio Lower Upper
 112 100
 64 58.5 45.2 67.8
 63 30.6 23.4 35.2



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: 133.054 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117411.D

Acq: 16 Oct 2019 14:13

Instrument :

BNA_F

ClientSampleId :

OR-03-101119

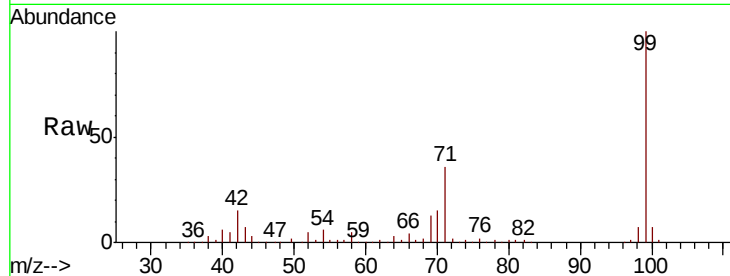
Tot Ion: 99 Resp: 503819

Ion Ratio Lower Upper

99 100

42 15.5 12.5 18.7

71 35.6 29.2 43.8

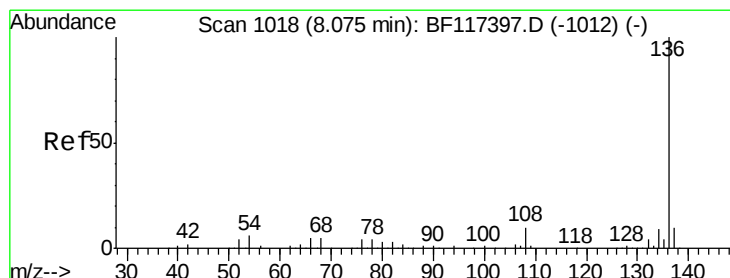
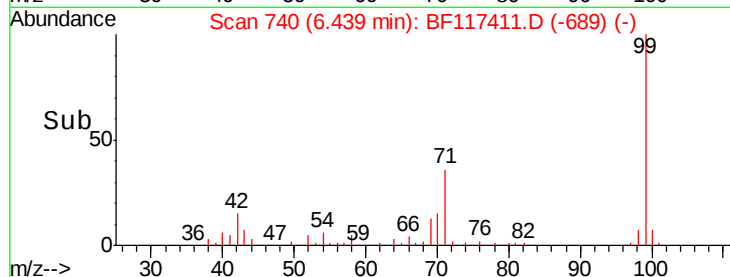
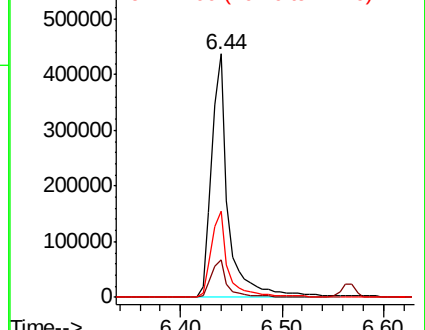


Abundance

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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF117411.D

Acq: 16 Oct 2019 14:13

Tgt Ion: 136 Resp: 175755

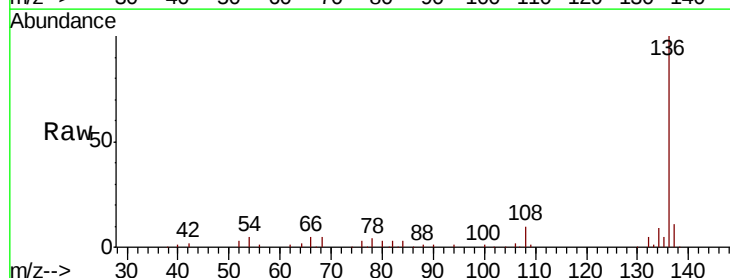
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 5.5 4.6 6.8

68 5.4 3.8 5.8



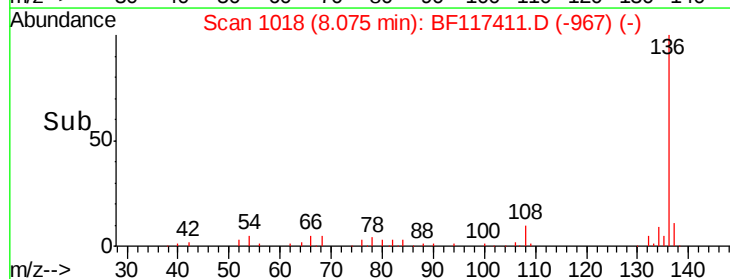
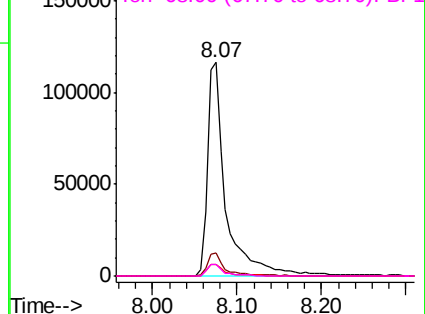
Abundance

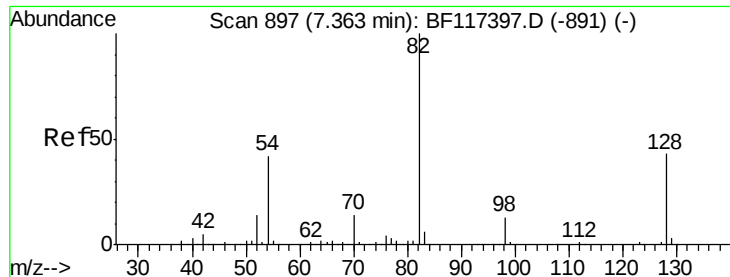
Ion 136.00 (135.70 to 136.70): E

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

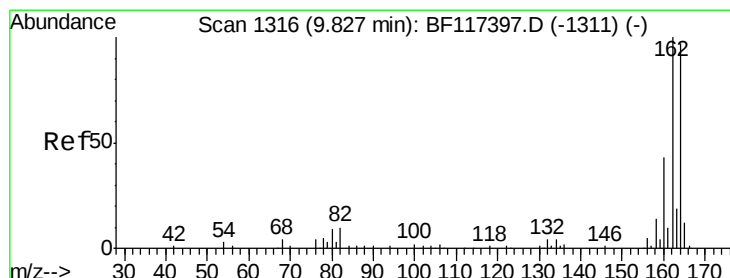
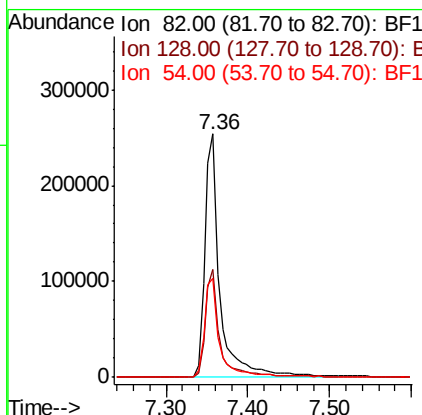
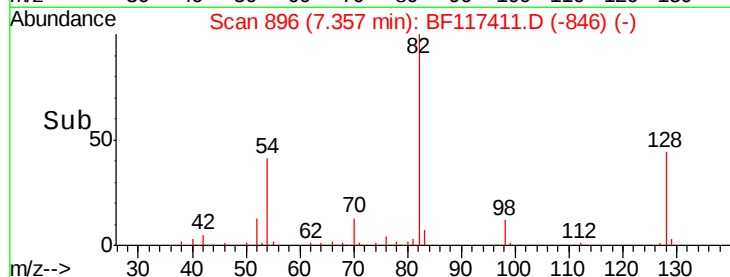
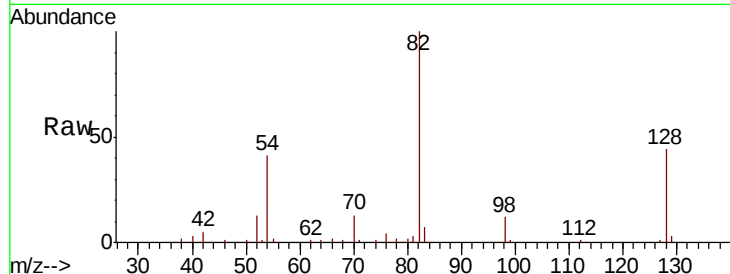




#23
 Nitrobenzene-d5
 Concen: 94.626 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117411.D
 Acq: 16 Oct 2019 14:13

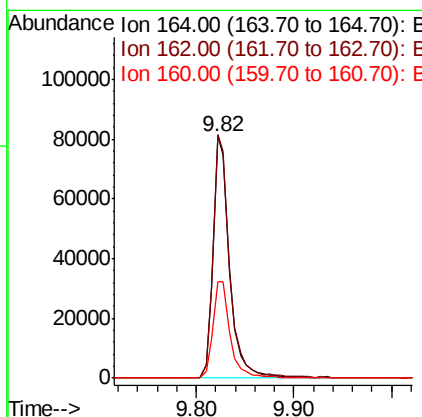
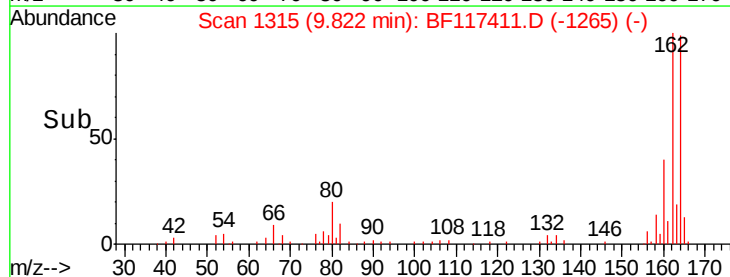
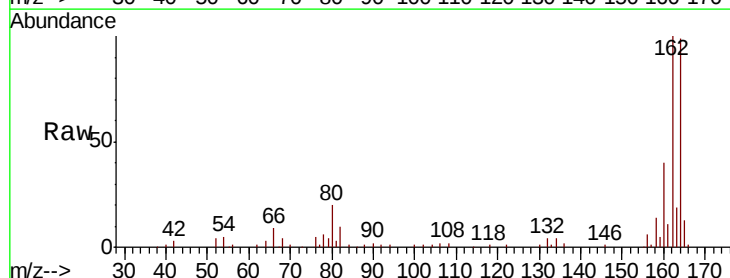
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119

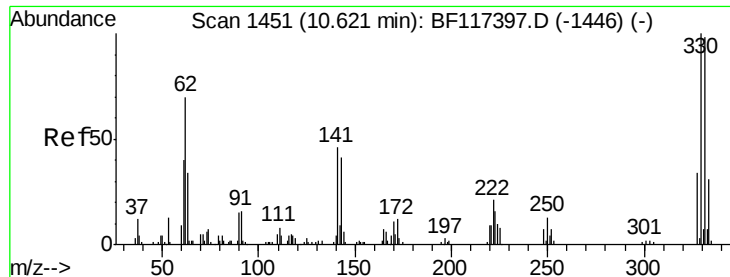
Tot Ion: 82 Resp: 328090
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.1 51.1
 54 40.6 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF117411.D
 Acq: 16 Oct 2019 14:13

Tgt Ion: 164 Resp: 94778
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.4 123.6
 160 39.9 35.4 53.0

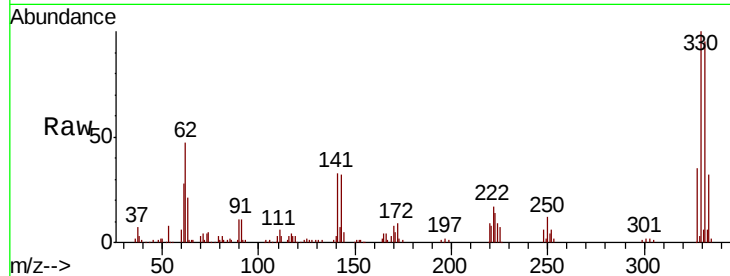




#42
 2,4,6-Tribromophenol
 Concen: 165.526 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF117411.D
 Acq: 16 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.0	112.6
141	43.6	34.2	51.4

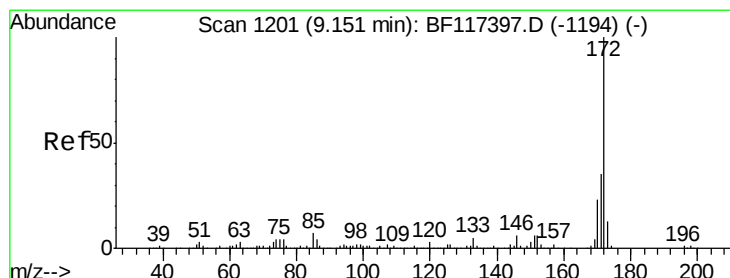
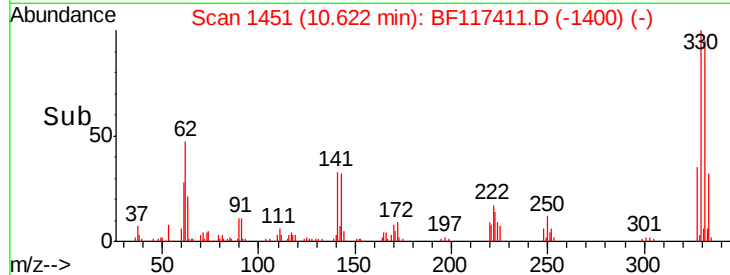
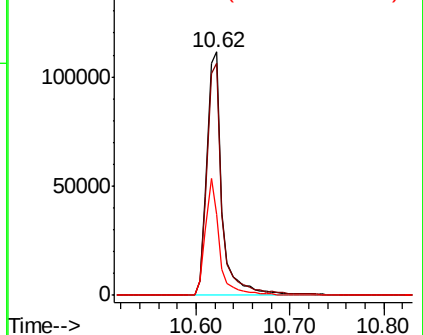


Abundance

Ion 329.80 (329.50 to 330.50): E

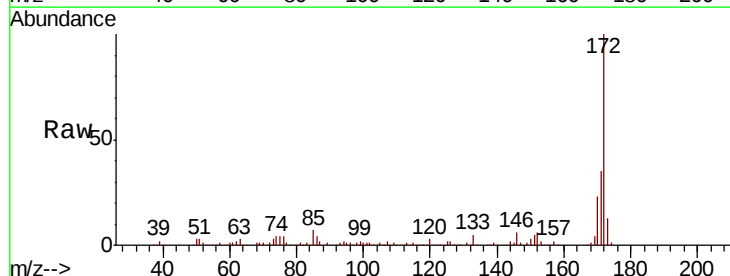
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.860 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117411.D
 Acq: 16 Oct 2019 14:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	22.7	18.2	27.2

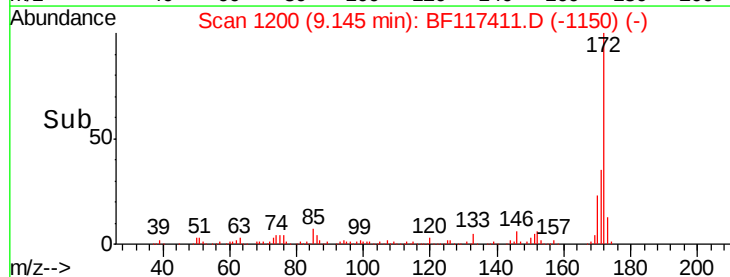
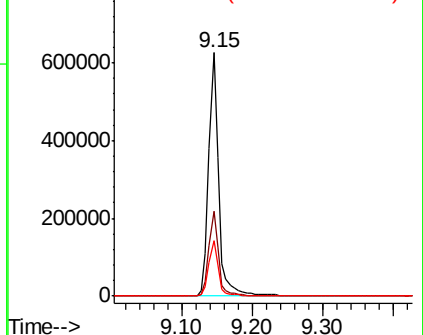


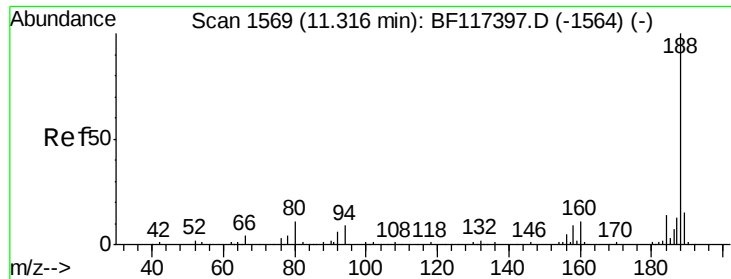
Abundance

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

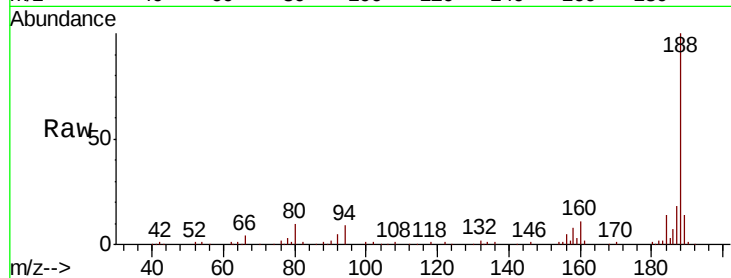




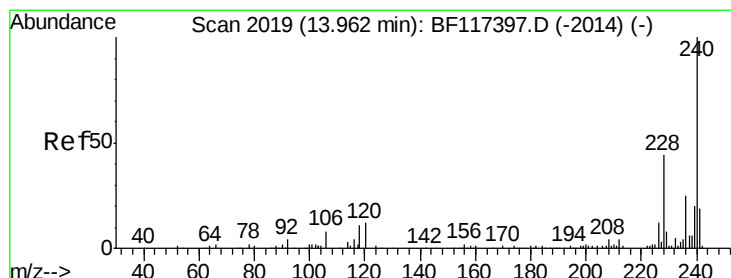
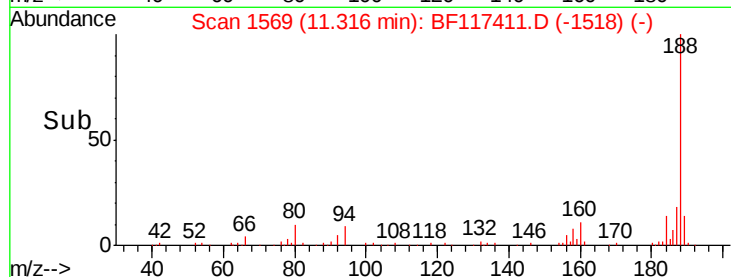
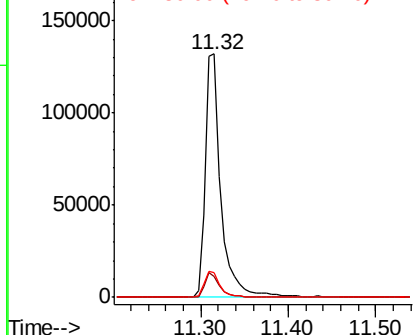
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117411.D
Acq: 16 Oct 2019 14:13

Instrument :
BNA_F
ClientSampleId :
OR-03-101119

Tot Ion:188 Resp: 164276
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 10.3 8.7 13.1

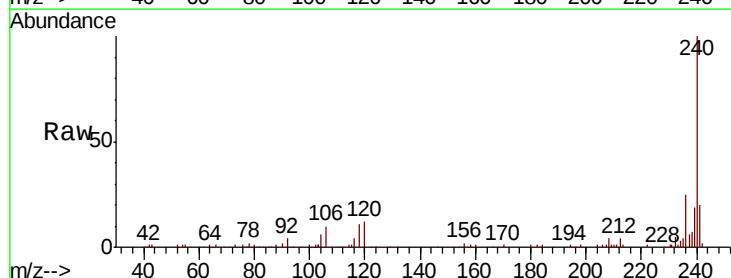


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

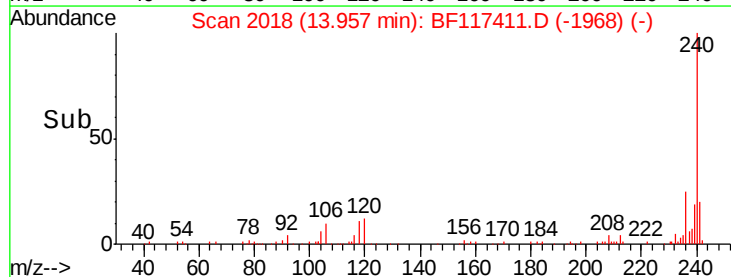
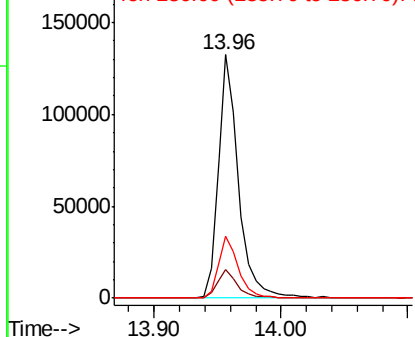


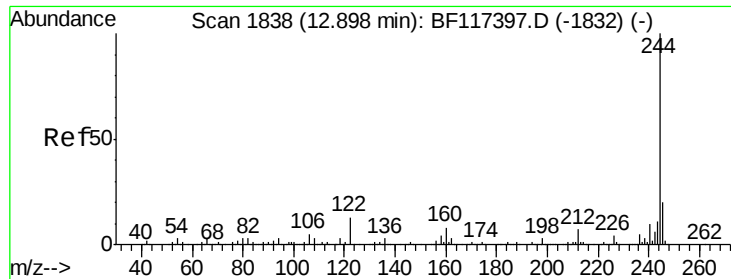
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117411.D
Acq: 16 Oct 2019 14:13

Tgt Ion:240 Resp: 147242
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.0
236 25.4 19.8 29.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

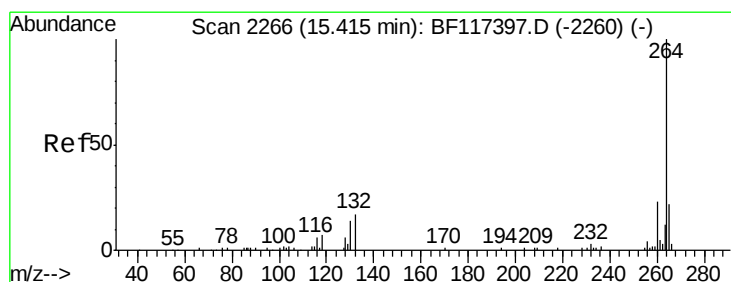
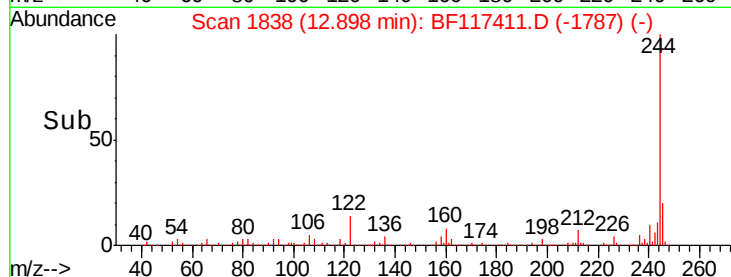
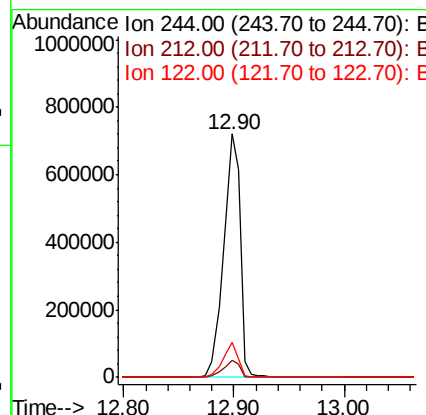
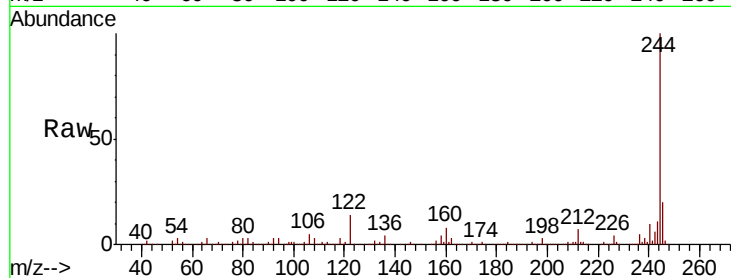




#79
 Terphenyl-d14
 Concen: 83.527 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117411.D
 Acq: 16 Oct 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119

Tot Ion:244 Resp: 754448
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 14.5 10.7 16.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117411.D
 Acq: 16 Oct 2019 14:13

Tgt Ion:264 Resp: 146192
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.6 27.8
 265 21.1 17.4 26.0

