

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116598.D
 Acq On : 27 Aug 2019 22:23
 Operator : HP/JU
 Sample : K4525-30
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-B1-B4-(0-1.9)

Quant Time: Aug 28 08:14:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	90052	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	346796	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	183583	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	327517	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	234527	20.00	ng	-0.02
87) Perylene-d12	15.48	264	227641	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	673965	109.35	ng	0.00
7) Phenol-d6	6.50	99	812318	107.49	ng	0.00
23) Nitrobenzene-d5	7.43	82	634985	100.17	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	271618	172.31	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1126954	98.86	ng	-0.01
79) Terphenyl-d14	12.97	244	1391774	110.85	ng	0.00

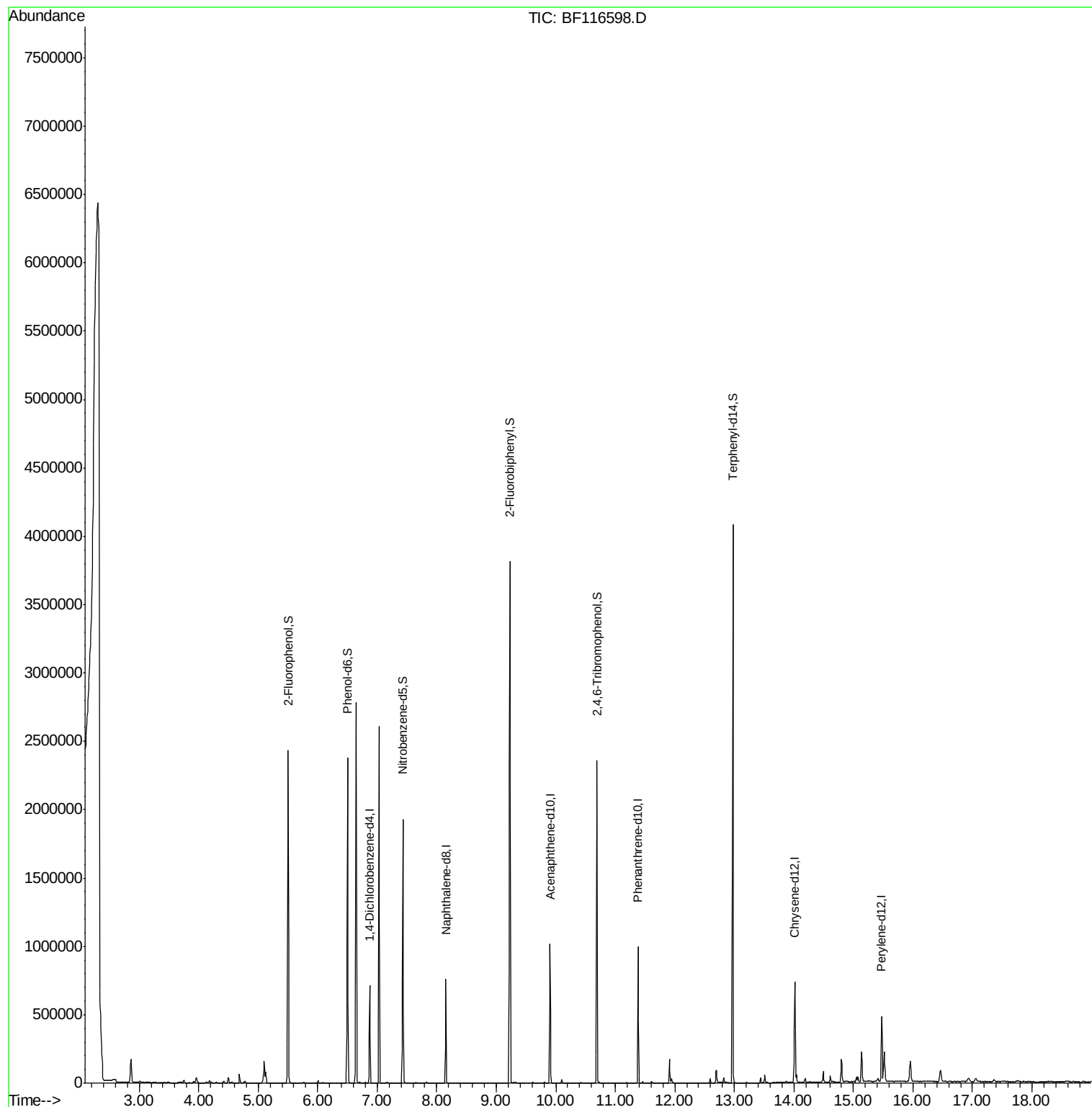
Target Compounds Qvalue

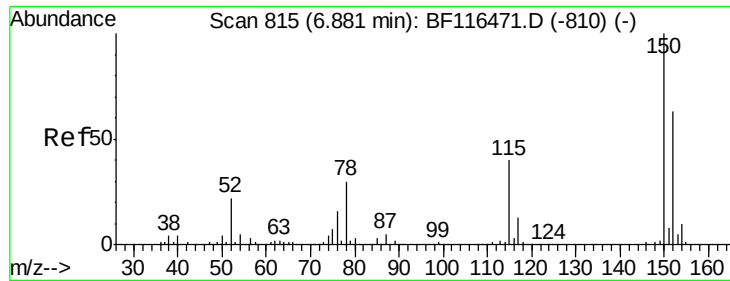
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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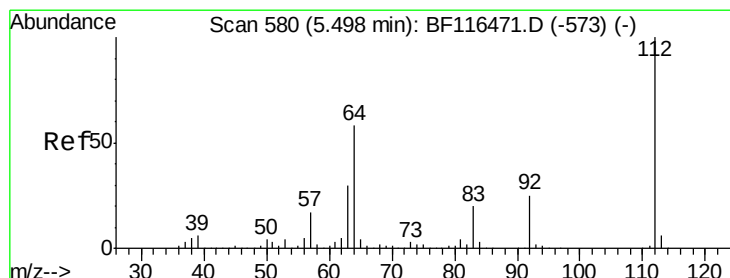
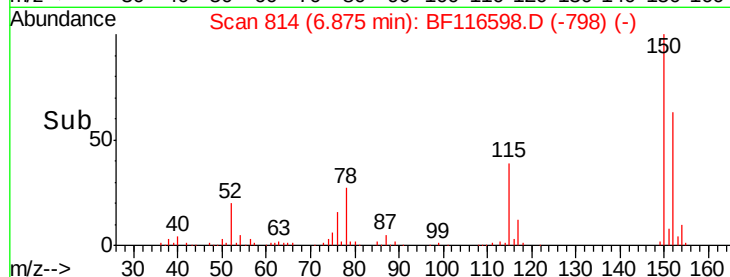
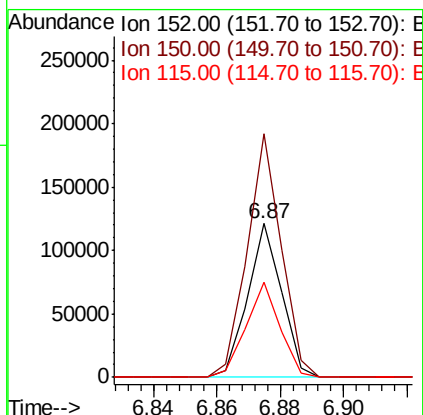
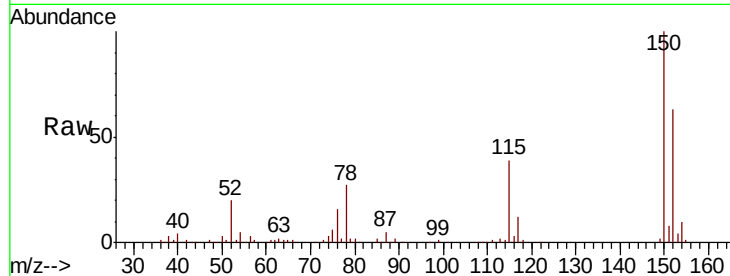


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF116598.D
 Acq: 27 Aug 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-B1-B4-(0-1.9)

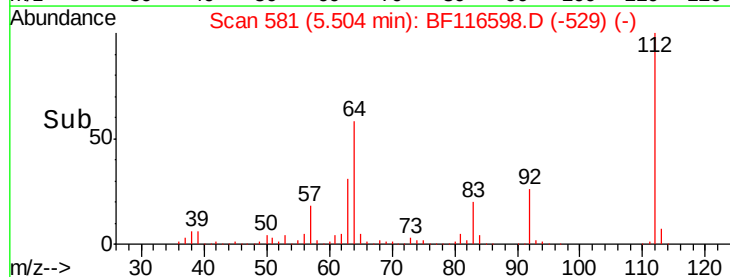
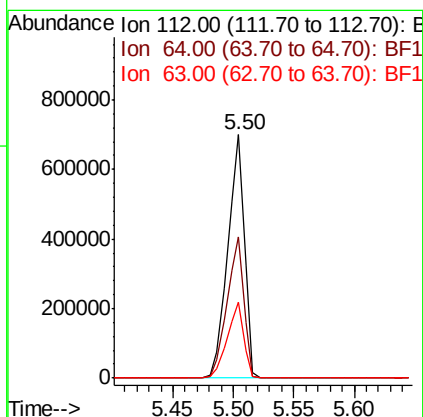
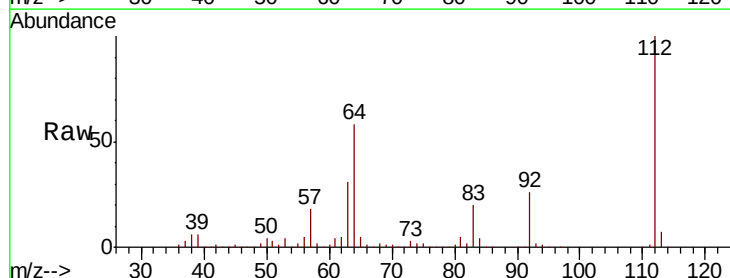
Tot Ion:152 Resp: 90052
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.7 190.1
 115 62.0 50.9 76.3

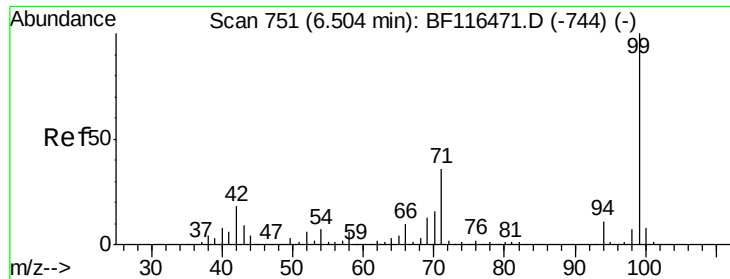


#5

2-Fluorophenol
 Concen: 109.355 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF116598.D
 Acq: 27 Aug 2019 22:23

Tgt Ion:112 Resp: 673965
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.3 69.5
 63 31.1 24.2 36.4





#7

Phenol-d6

Concen: 107.494 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116598.D

Acq: 27 Aug 2019 22:23

Instrument :

BNA_F

ClientSampleId :

T9-12-13-B1-B4-(0-1.9)

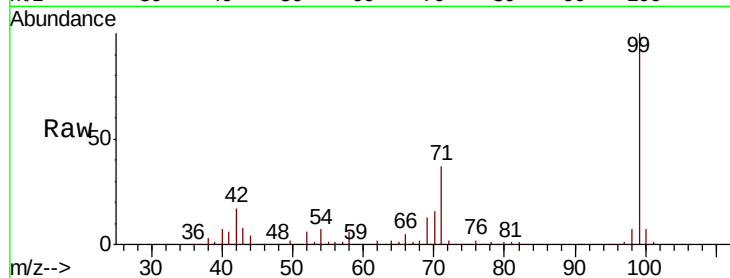
Tot Ion: 99 Resp: 812318

Ion Ratio Lower Upper

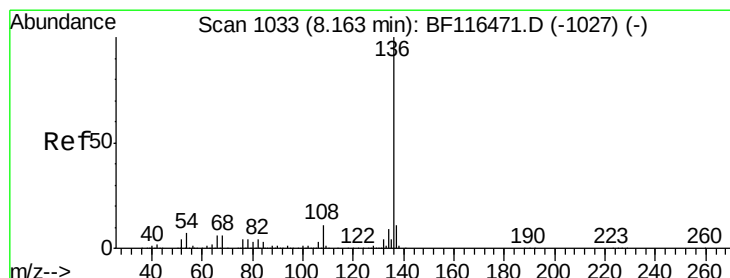
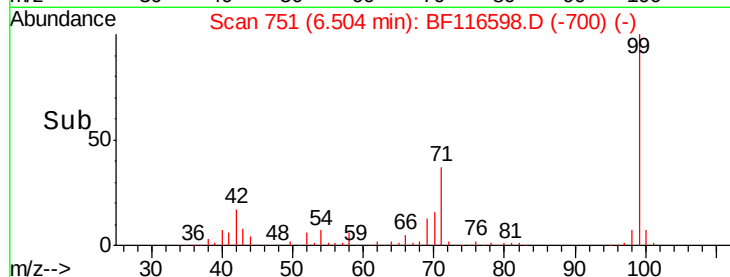
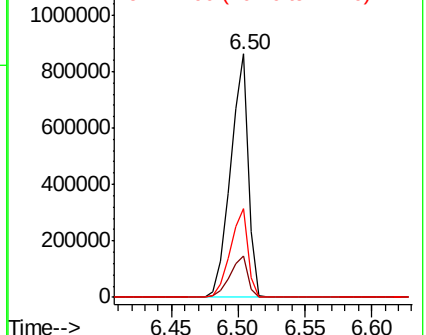
99 100

42 17.0 14.6 21.8

71 36.6 28.5 42.7



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: BF116598.D

Acq: 27 Aug 2019 22:23

Tgt Ion: 136 Resp: 346796

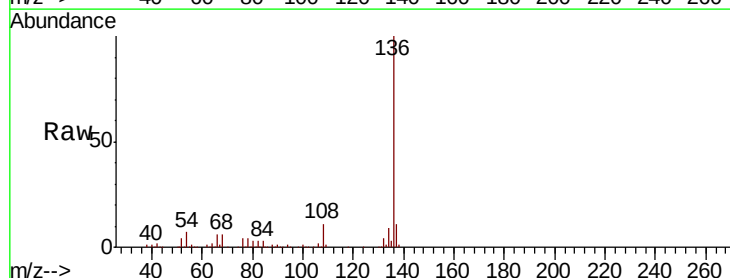
Ion Ratio Lower Upper

136 100

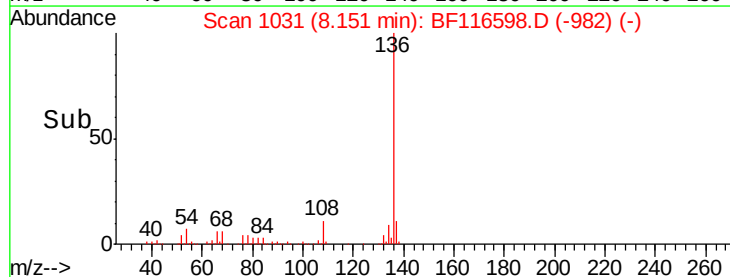
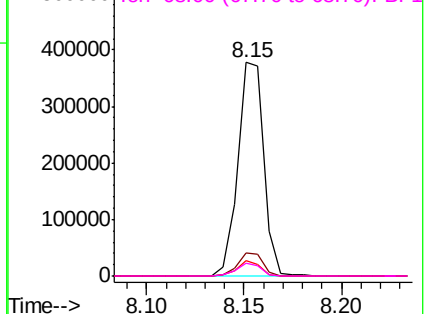
137 10.7 9.0 13.4

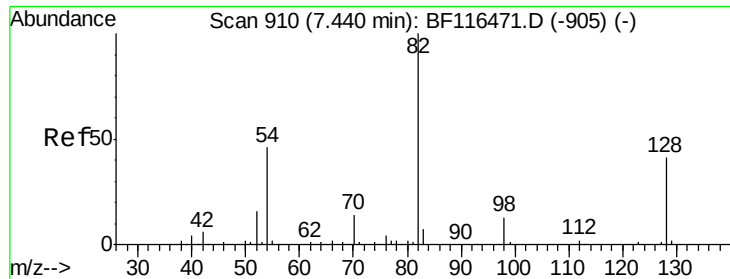
54 7.1 5.8 8.6

68 5.9 5.1 7.7



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

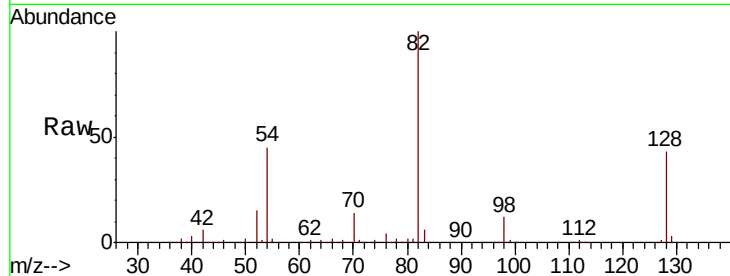




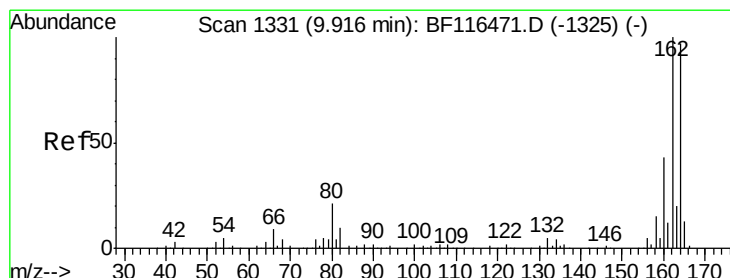
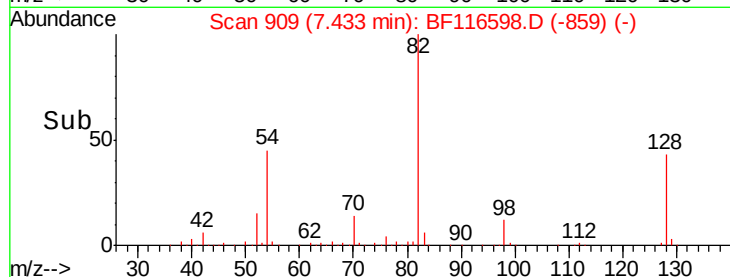
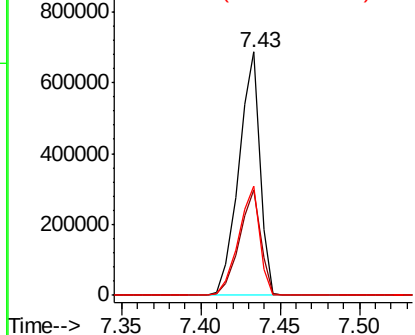
#23
 Nitrobenzene-d5
 Concen: 100.174 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116598.D
 Acq: 27 Aug 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-B1-B4-(0-1.9)

Tot Ion	82	Resp	634985
Ion Ratio	100		
Lower	32.2		
Upper	48.4		
54	44.6	36.5	54.7

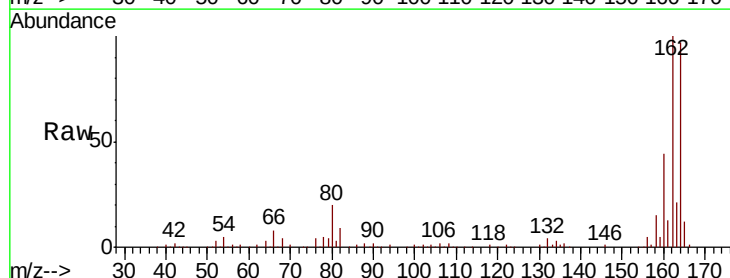


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

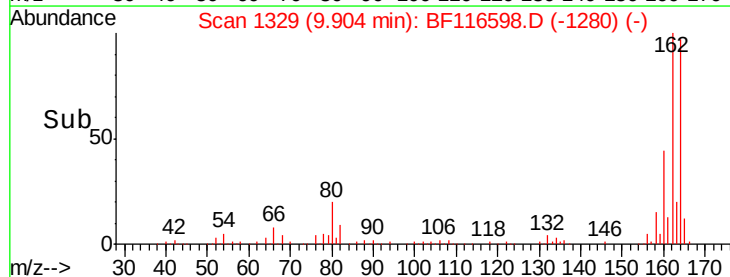
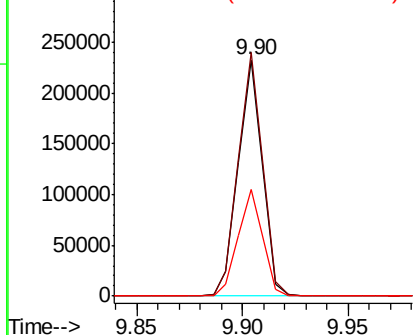


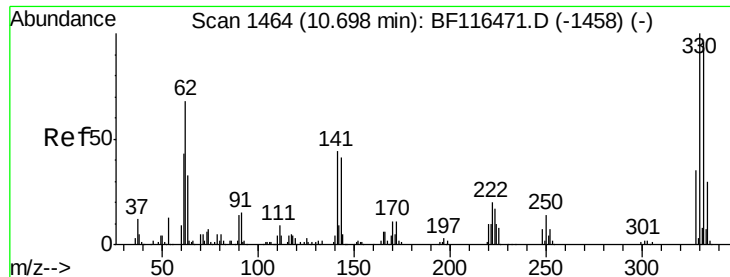
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF116598.D
 Acq: 27 Aug 2019 22:23

Tgt Ion	164	Resp	183583
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	103.1	35.8	53.8
160	45.4		



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

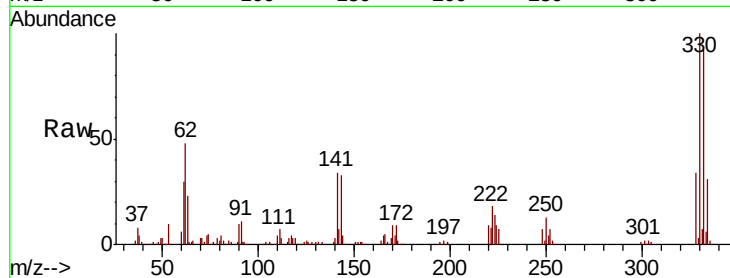




#42
 2,4,6-Tribromophenol
 Concen: 172.305 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF116598.D
 Acq: 27 Aug 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-B1-B4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.2	115.8
141	36.9	33.3	49.9

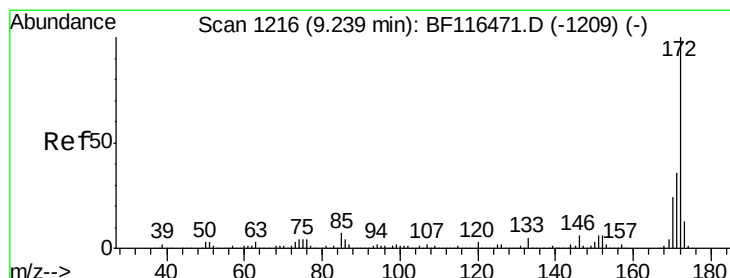
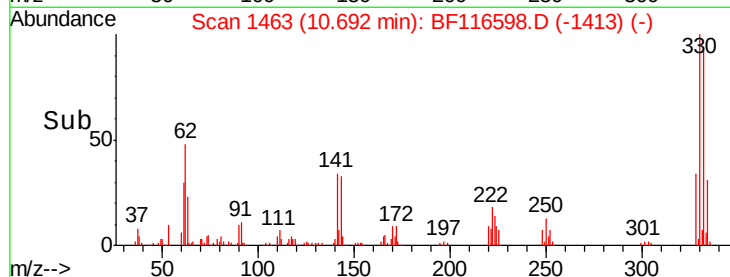
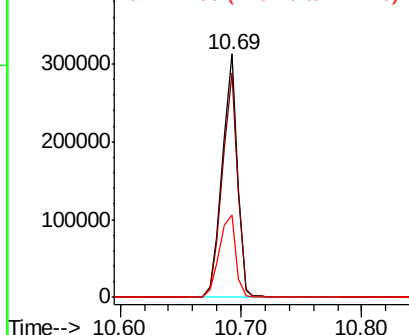


Abundance

Ion 329.80 (329.50 to 330.50): E

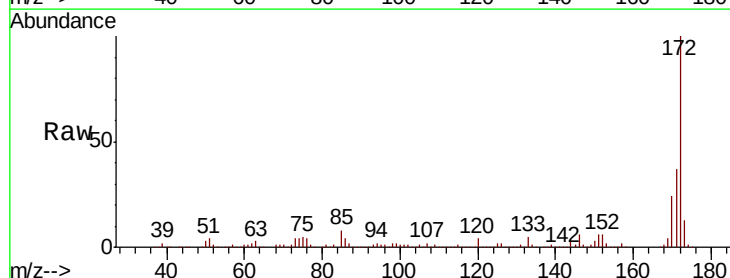
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.857 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF116598.D
 Acq: 27 Aug 2019 22:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	23.9	19.4	29.0

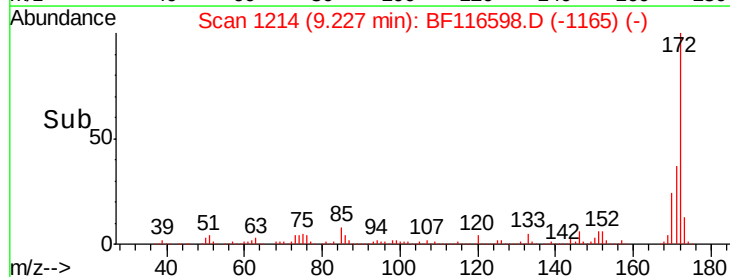
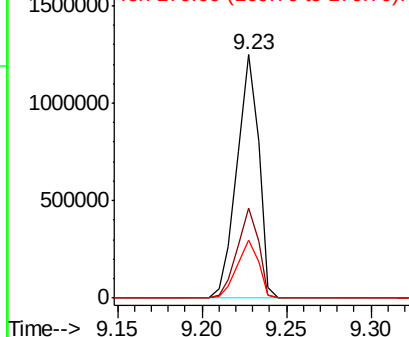


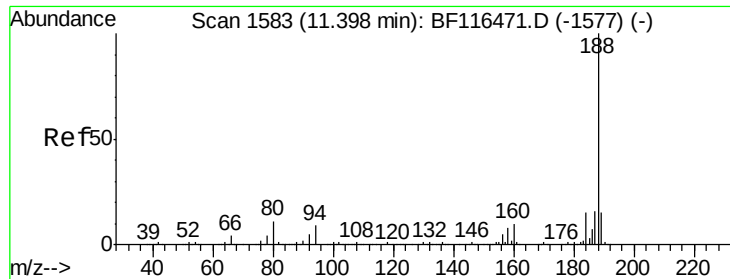
Abundance

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

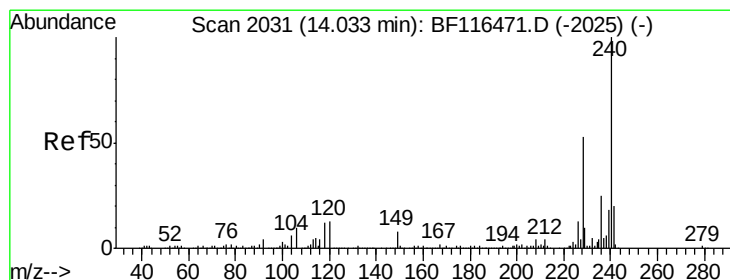
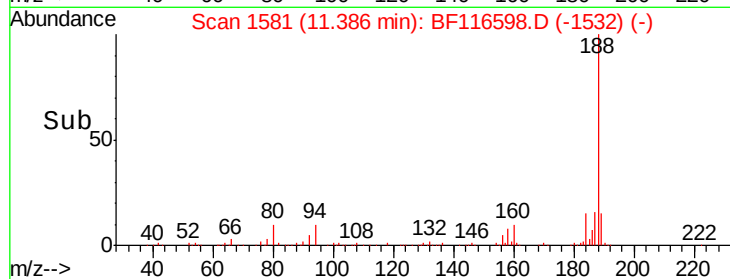
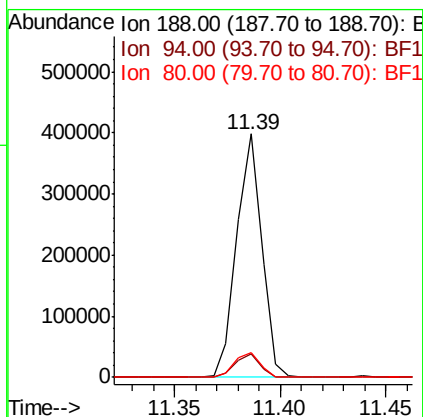
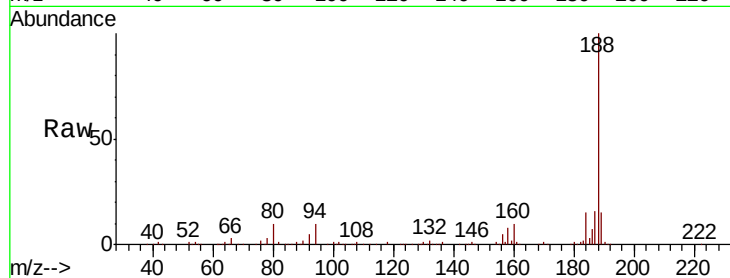




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116598.D
Acq: 27 Aug 2019 22:23

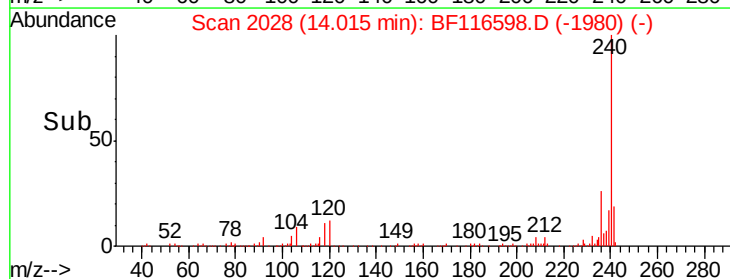
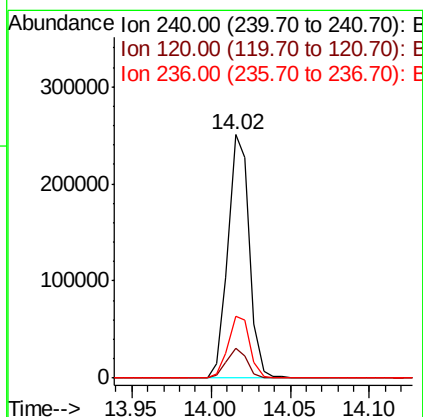
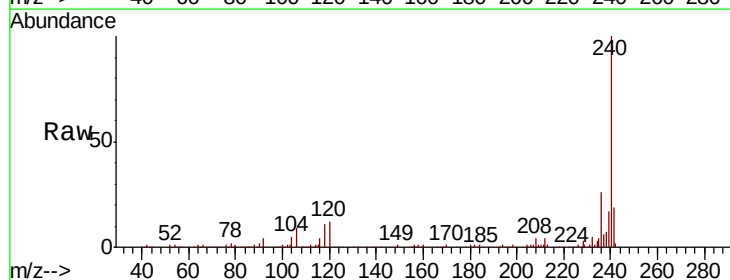
Instrument :
BNA_F
ClientSampleId :
T9-12-13-B1-B4-(0-1.9)

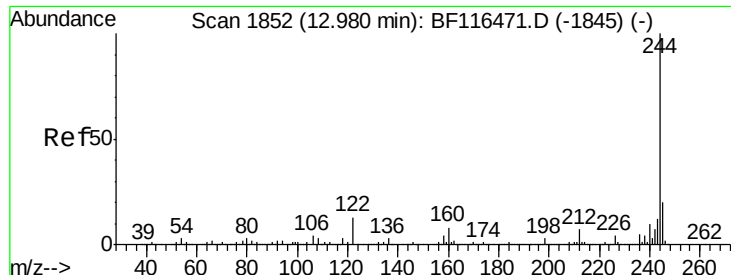
Tot Ion:188 Resp: 327517
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF116598.D
Acq: 27 Aug 2019 22:23

Tgt Ion:240 Resp: 234527
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 25.5 20.2 30.2





#79

Terphenyl-d14

Concen: 110.849 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116598.D

Acq: 27 Aug 2019 22:23

Instrument :

BNA_F

ClientSampleId :

T9-12-13-B1-B4-(0-1.9)

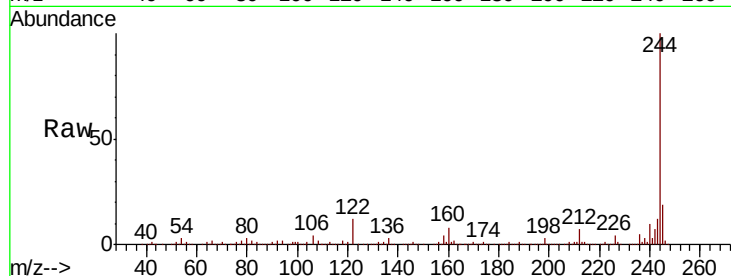
Tot Ion:244 Resp: 1391774

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

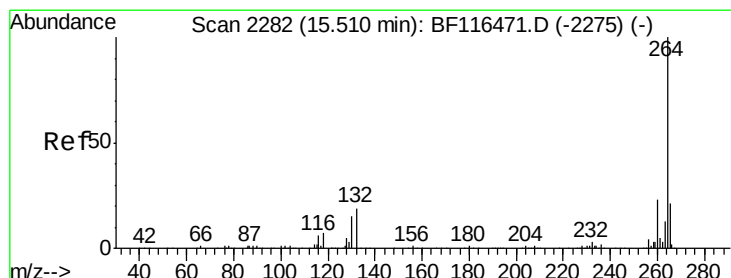
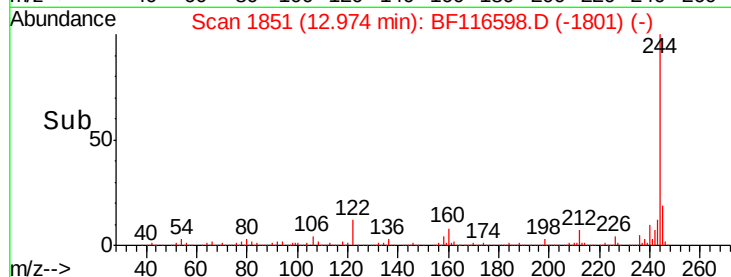
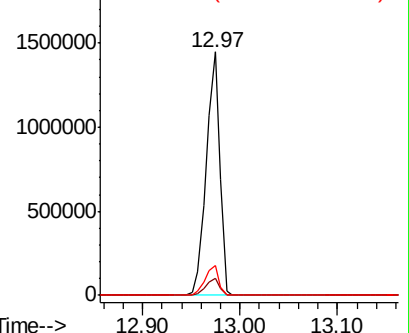
122 12.1 10.2 15.4



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: 15.48 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BF116598.D

Acq: 27 Aug 2019 22:23

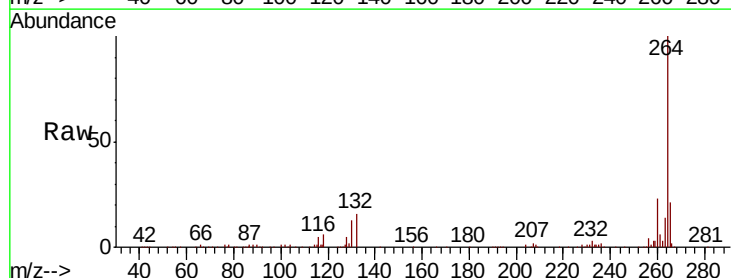
Tgt Ion:264 Resp: 227641

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 20.7 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

