

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116594.D
 Acq On : 27 Aug 2019 20:34
 Operator : HP/JU
 Sample : K4516-30
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-S-E

Quant Time: Aug 28 07:51:24 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	87916	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	339582	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	179575	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	319999	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	160738	20.00	ng	-0.02
87) Perylene-d12	15.48	264	145670	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	481987	80.11	ng	0.00
7) Phenol-d6	6.50	99	775017	105.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	623707	100.49	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	257790	167.18	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1102850	98.90	ng	-0.01
79) Terphenyl-d14	12.97	244	987322	114.73	ng	0.00

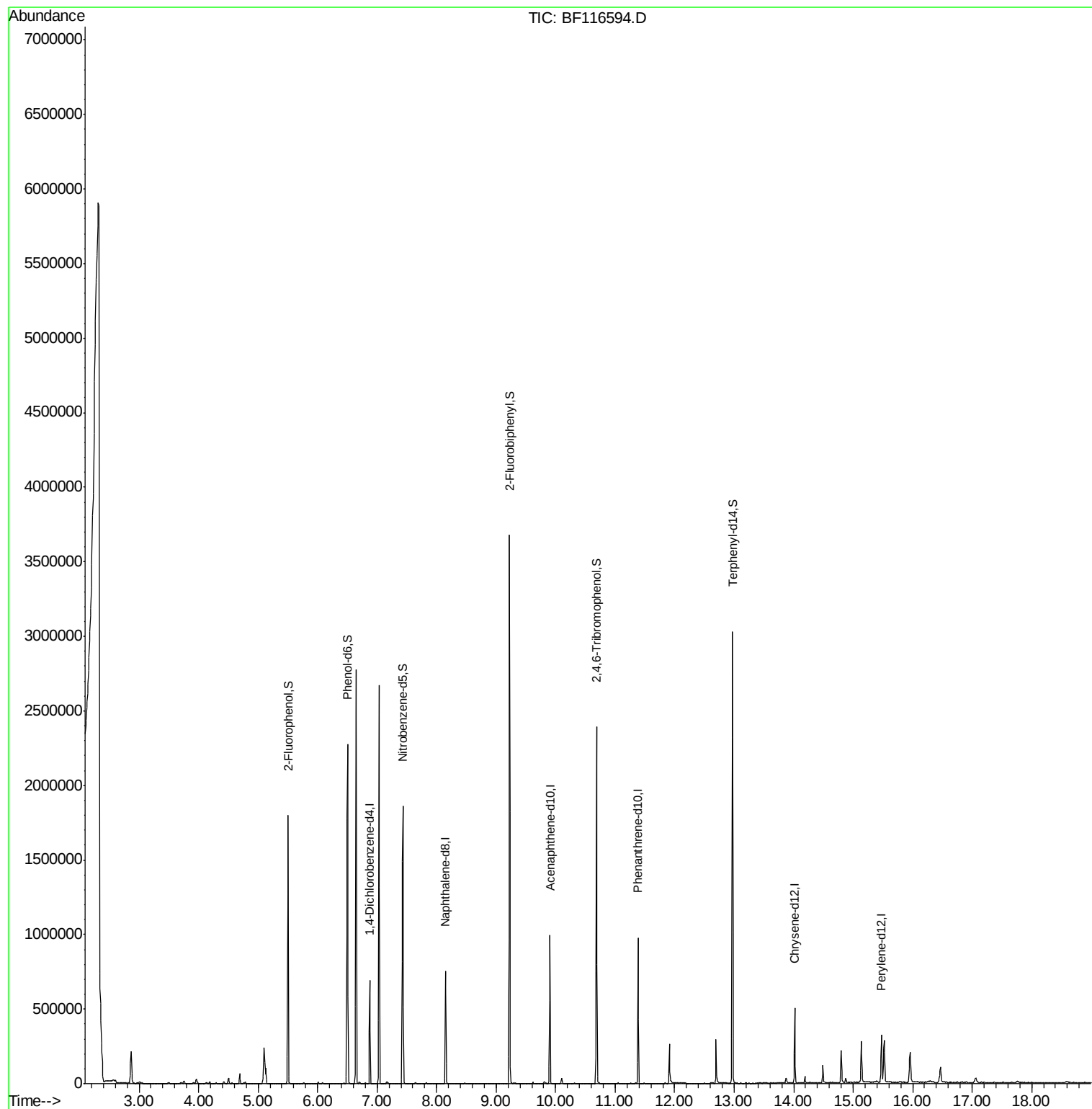
Target Compounds	Qvalue
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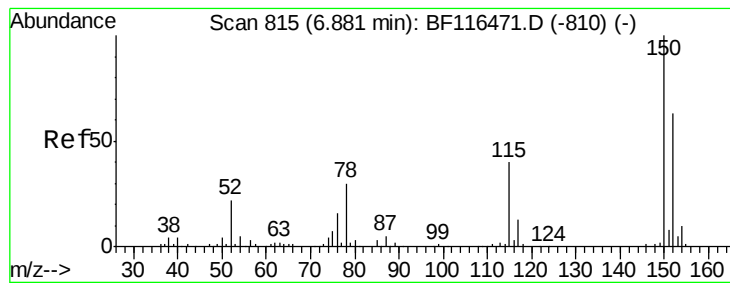
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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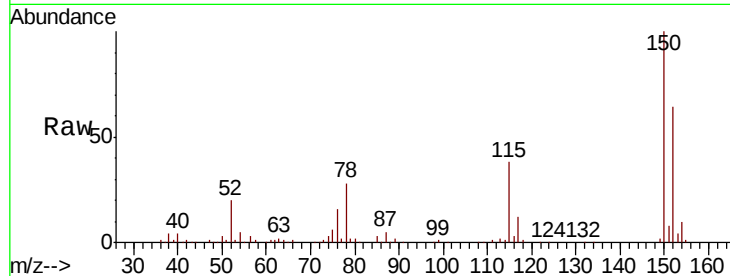


#1

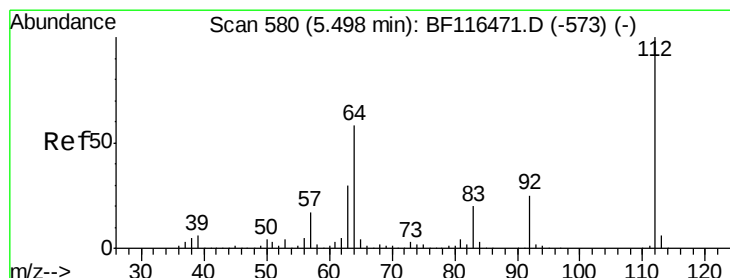
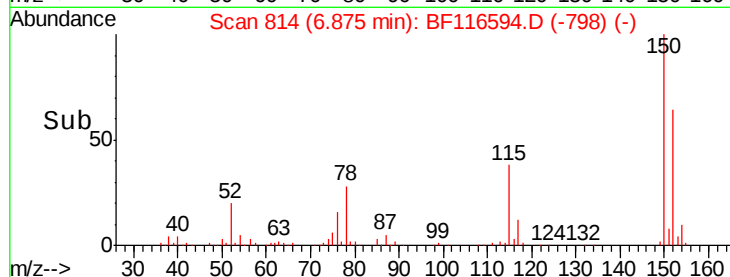
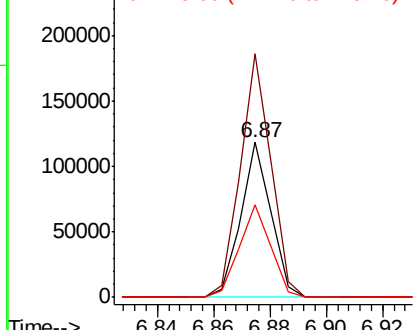
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF116594.D
 Acq: 27 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampleID :
 T1-S-E

Tot Ion:152 Resp: 87916
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.7 190.1
 115 60.1 50.9 76.3



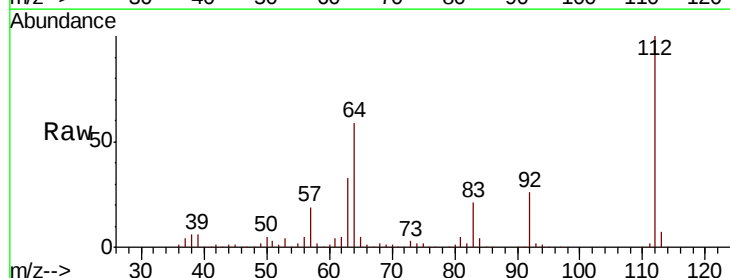
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



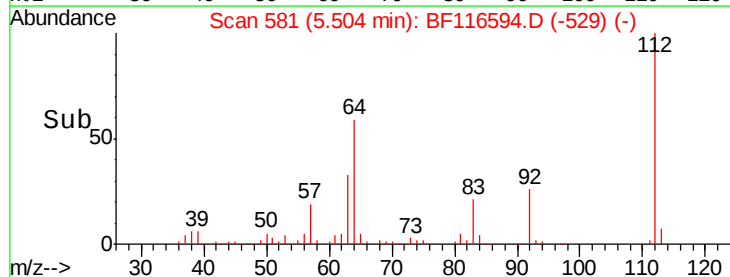
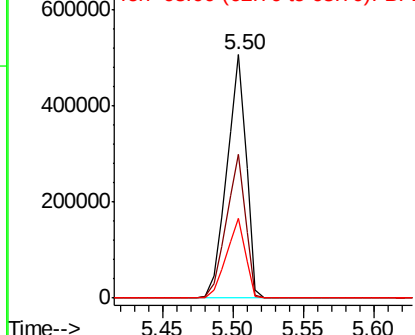
#5

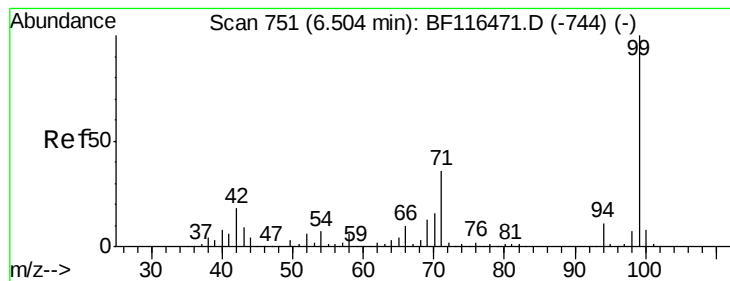
2-Fluorophenol
 Concen: 80.105 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF116594.D
 Acq: 27 Aug 2019 20:34

Tgt Ion:112 Resp: 481987
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.3 69.5
 63 33.0 24.2 36.4



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: 105.050 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116594.D

Acq: 27 Aug 2019 20:34

Instrument :

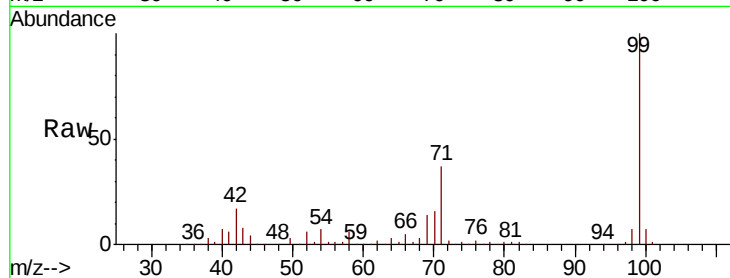
BNA_F

ClientSampled :

T1-S-E

Tot Ion: 99 Resp: 775017

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.6	21.8
71	36.8	28.5	42.7

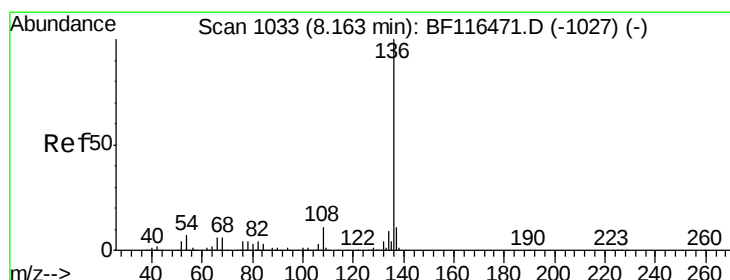
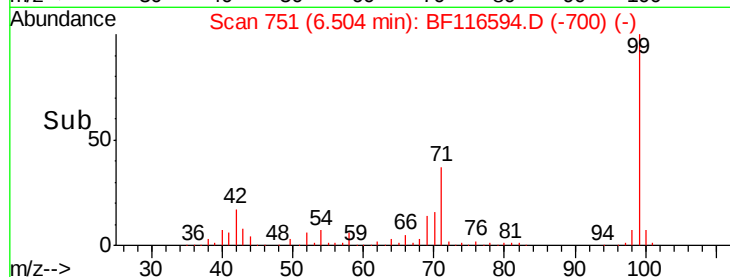
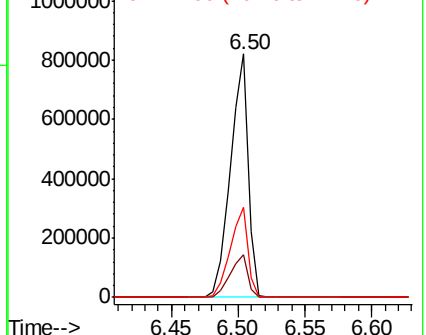


Abundance

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

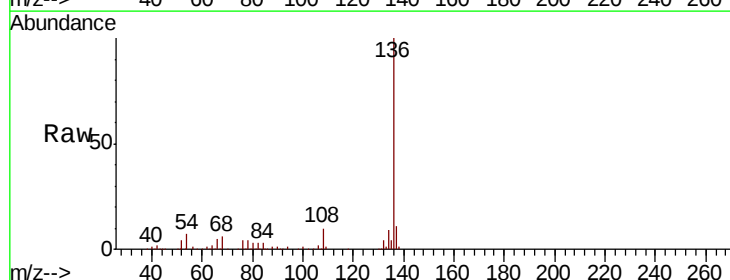
Delta R.T. -0.01 min

Lab File: BF116594.D

Acq: 27 Aug 2019 20:34

Tgt Ion: 136 Resp: 339582

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.0	5.8	8.6
68	5.9	5.1	7.7



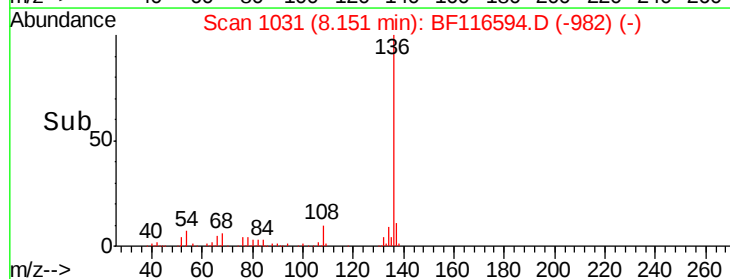
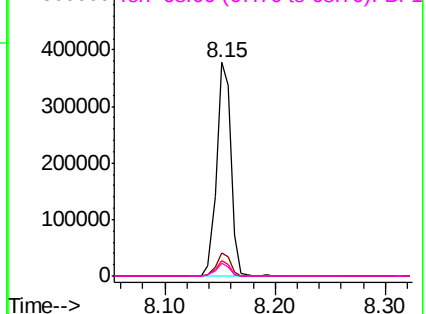
Abundance

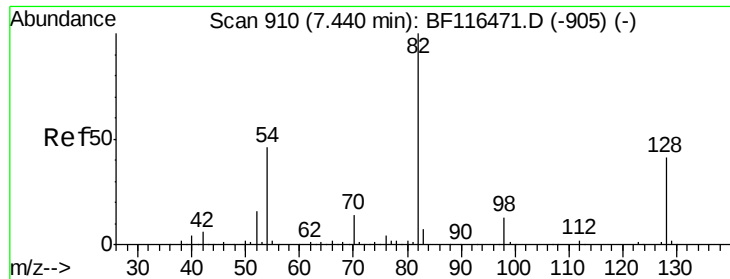
Ion 136.00 (135.70 to 136.70): E

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

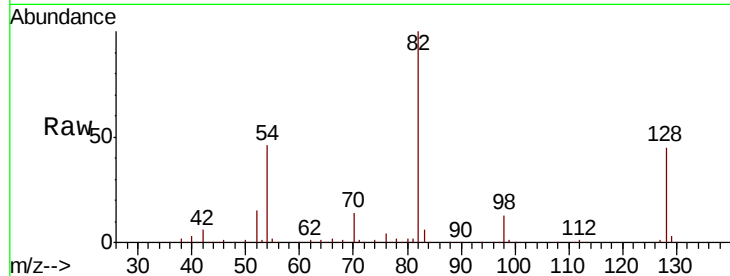




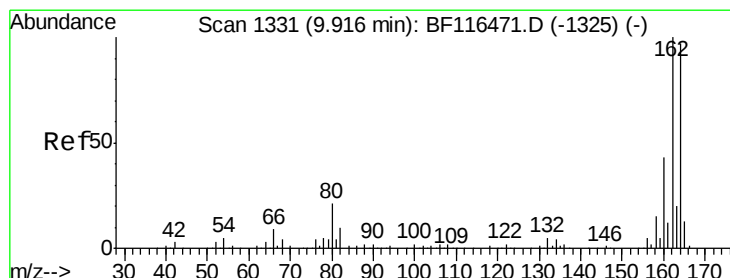
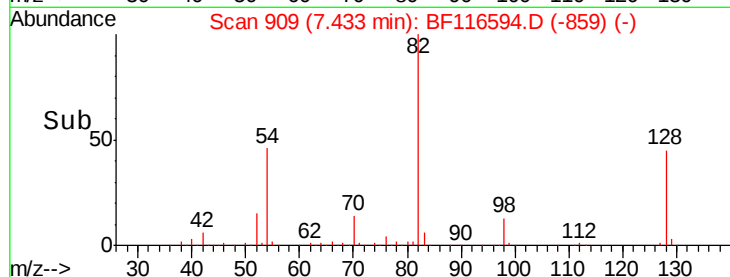
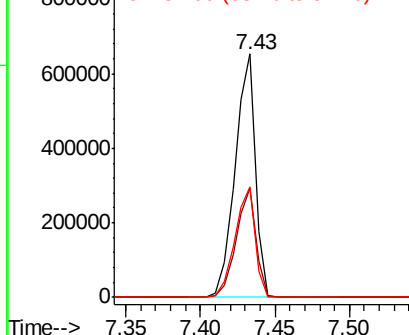
#23
Nitrobenzene-d5
Concen: 100.485 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116594.D
Acq: 27 Aug 2019 20:34

Instrument :
BNA_F
ClientSampled :
T1-S-E

Tot Ion	82	Resp	623707
Ion Ratio	100		
Lower	32.2		
Upper	48.4		
128	44.7		
54	45.5		

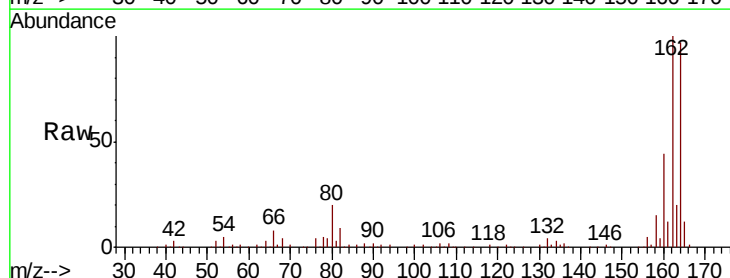


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

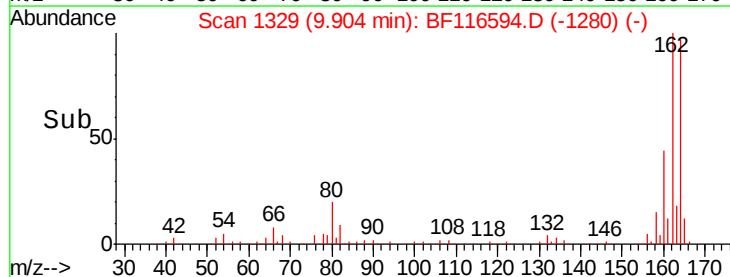
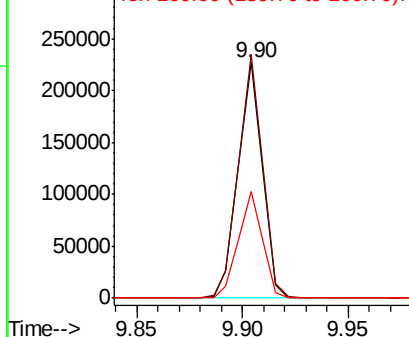


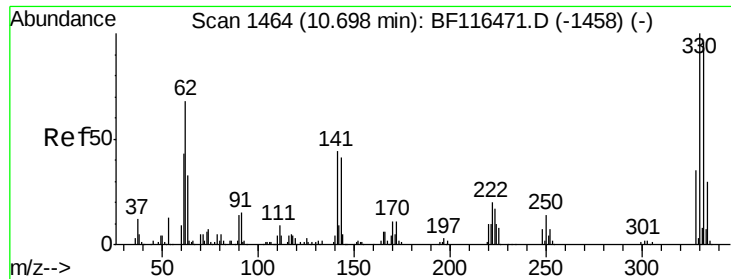
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF116594.D
Acq: 27 Aug 2019 20:34

Tgt Ion	164	Resp	179575
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	103.3		
160	45.3		



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

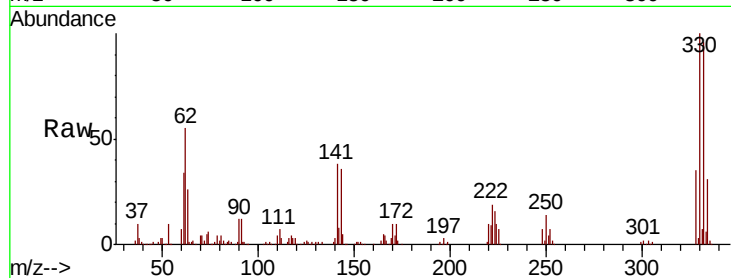




#42
 2,4,6-Tribromophenol
 Concen: 167.183 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF116594.D
 Acq: 27 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampleId :
 T1-S-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	38.2	33.3	49.9

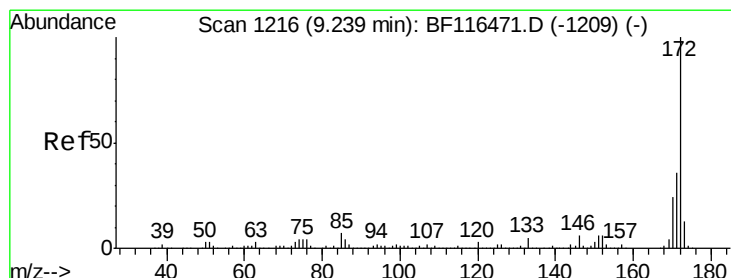
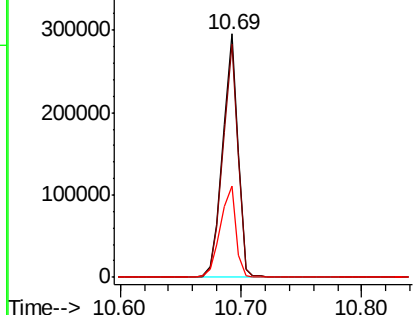
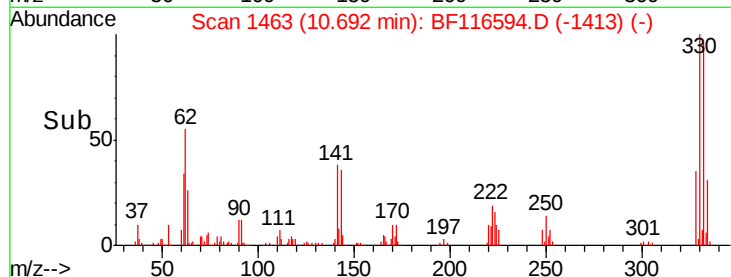


Abundance

Ion 329.80 (329.50 to 330.50): E

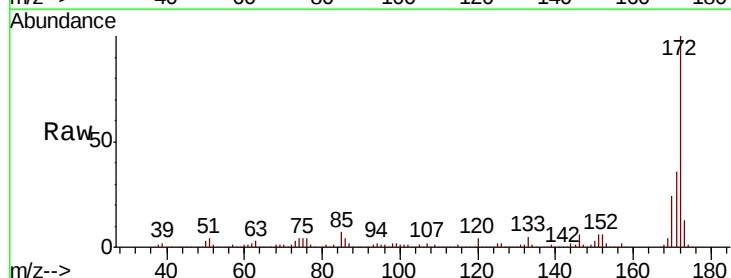
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.902 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF116594.D
 Acq: 27 Aug 2019 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.0	19.4	29.0

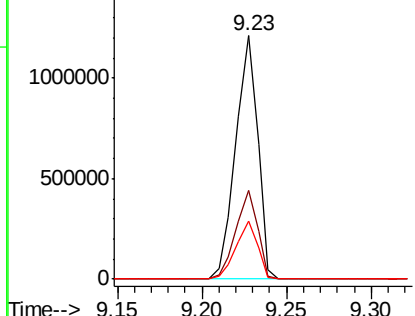
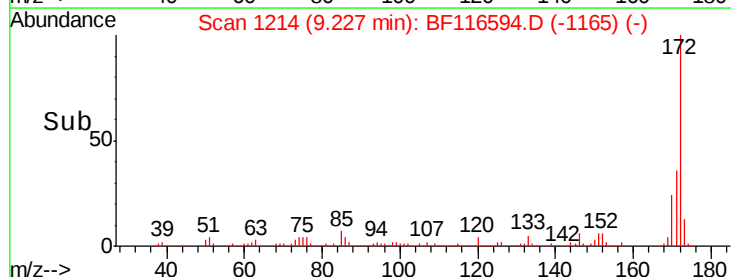


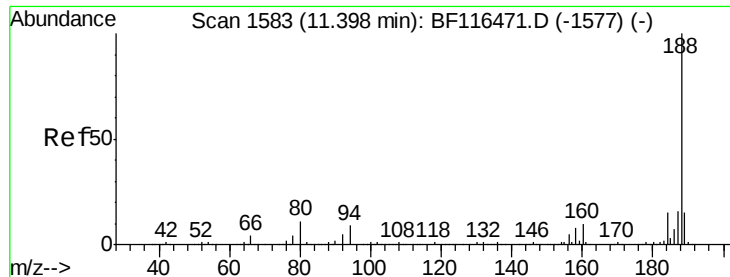
Abundance

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: BF116594.D

Acq: 27 Aug 2019 20:34

Instrument :

BNA_F

ClientSampled :

T1-S-E

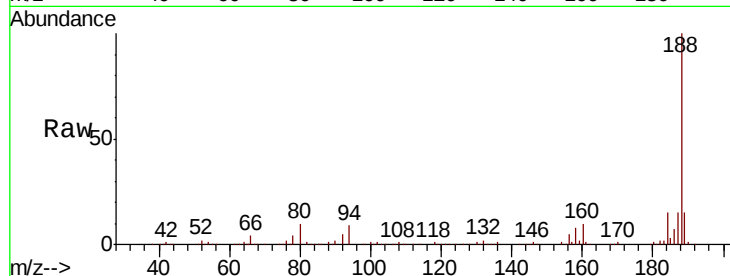
Tot Ion:188 Resp: 319999

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

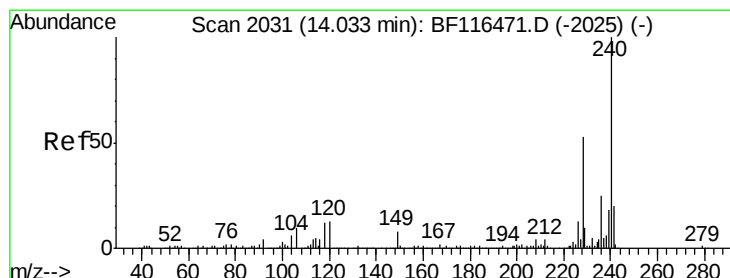
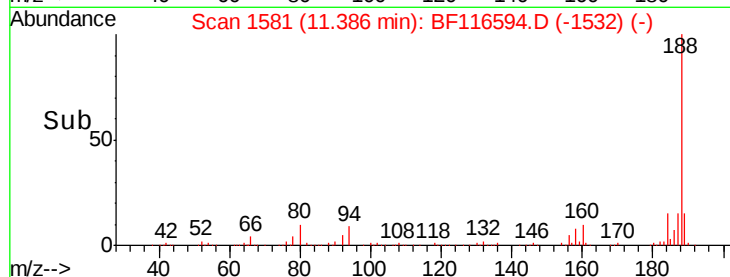
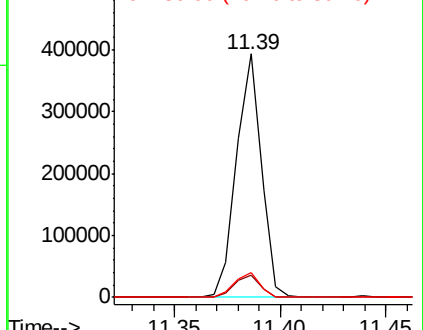
80 10.1 8.6 12.8



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

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF116594.D

Acq: 27 Aug 2019 20:34

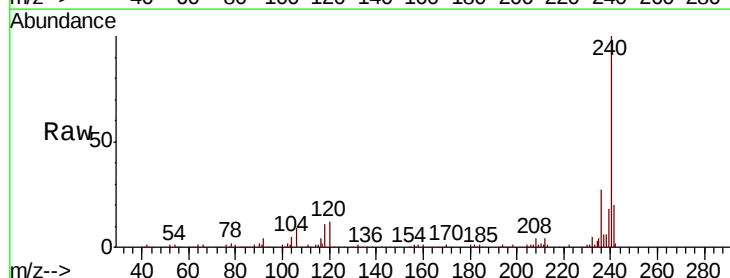
Tgt Ion:240 Resp: 160738

Ion Ratio Lower Upper

240 100

120 12.2 10.5 15.7

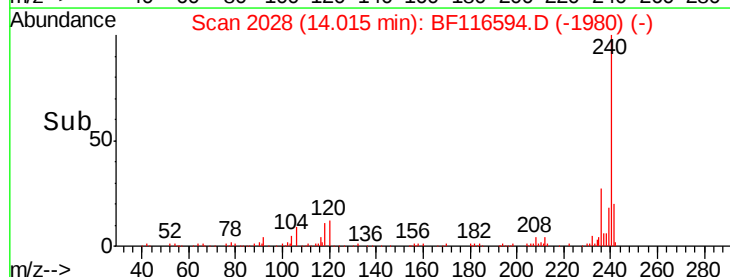
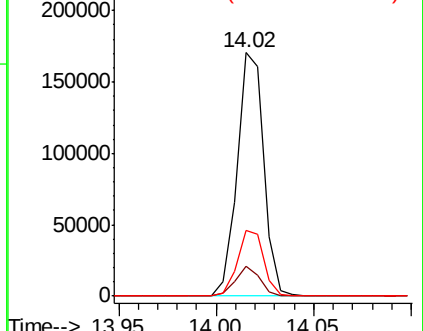
236 26.9 20.2 30.2

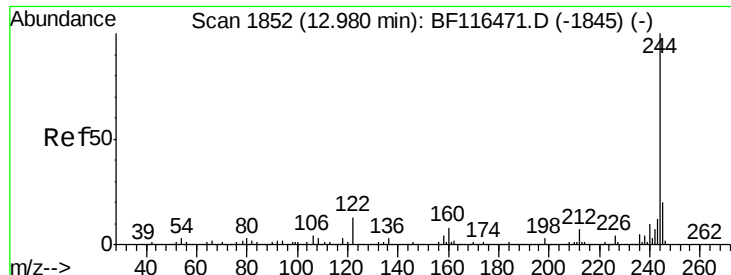


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

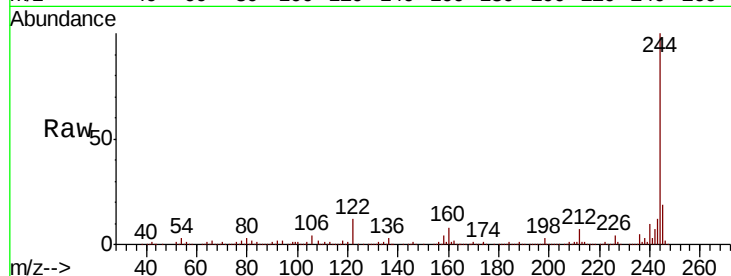




#79
 Terphenyl-d14
 Concen: 114.735 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116594.D
 Acq: 27 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampled :
 T1-S-E

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.6	10.2	15.4

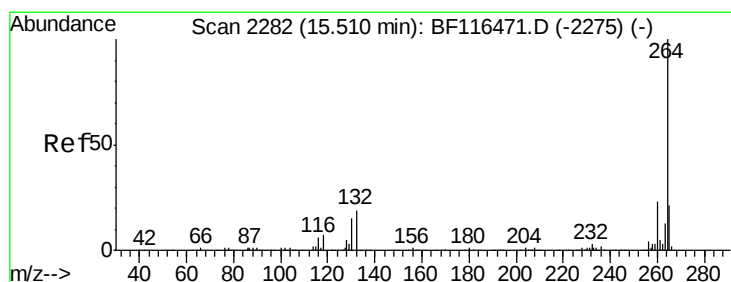
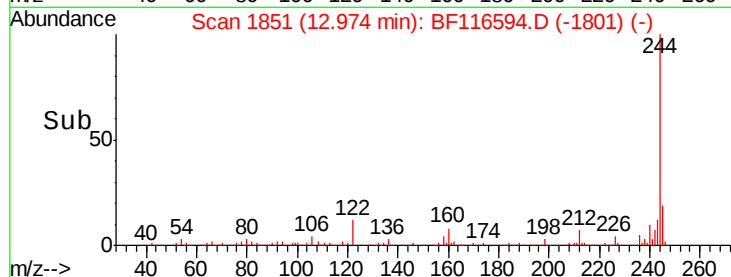
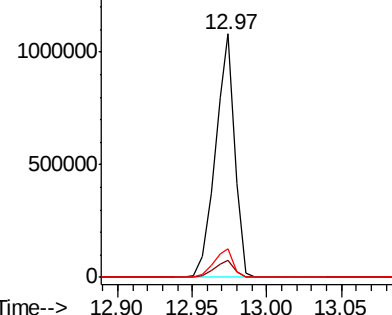


Abundance

Ion 244.00 (243.70 to 244.70): E

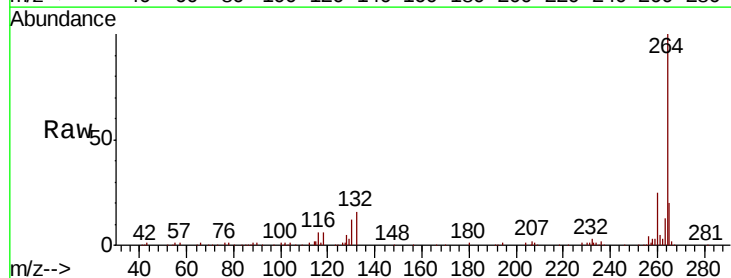
Ion 212.00 (211.70 to 212.70): E

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: BF116594.D
 Acq: 27 Aug 2019 20:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	20.5	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

