

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116595.D
 Acq On : 27 Aug 2019 21:01
 Operator : HP/JU
 Sample : K4516-37
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-B1-B4

Quant Time: Aug 28 07:54:41 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	58969	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	227045	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	121550	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	222916	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	162779	20.00	ng	-0.01
87) Perylene-d12	15.48	264	153924	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	822912	203.90	ng	0.00
7) Phenol-d6	6.50	99	528026	106.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	429299	103.45	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	184393	176.67	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	773657	102.50	ng	-0.01
79) Terphenyl-d14	12.97	244	954193	109.49	ng	0.00

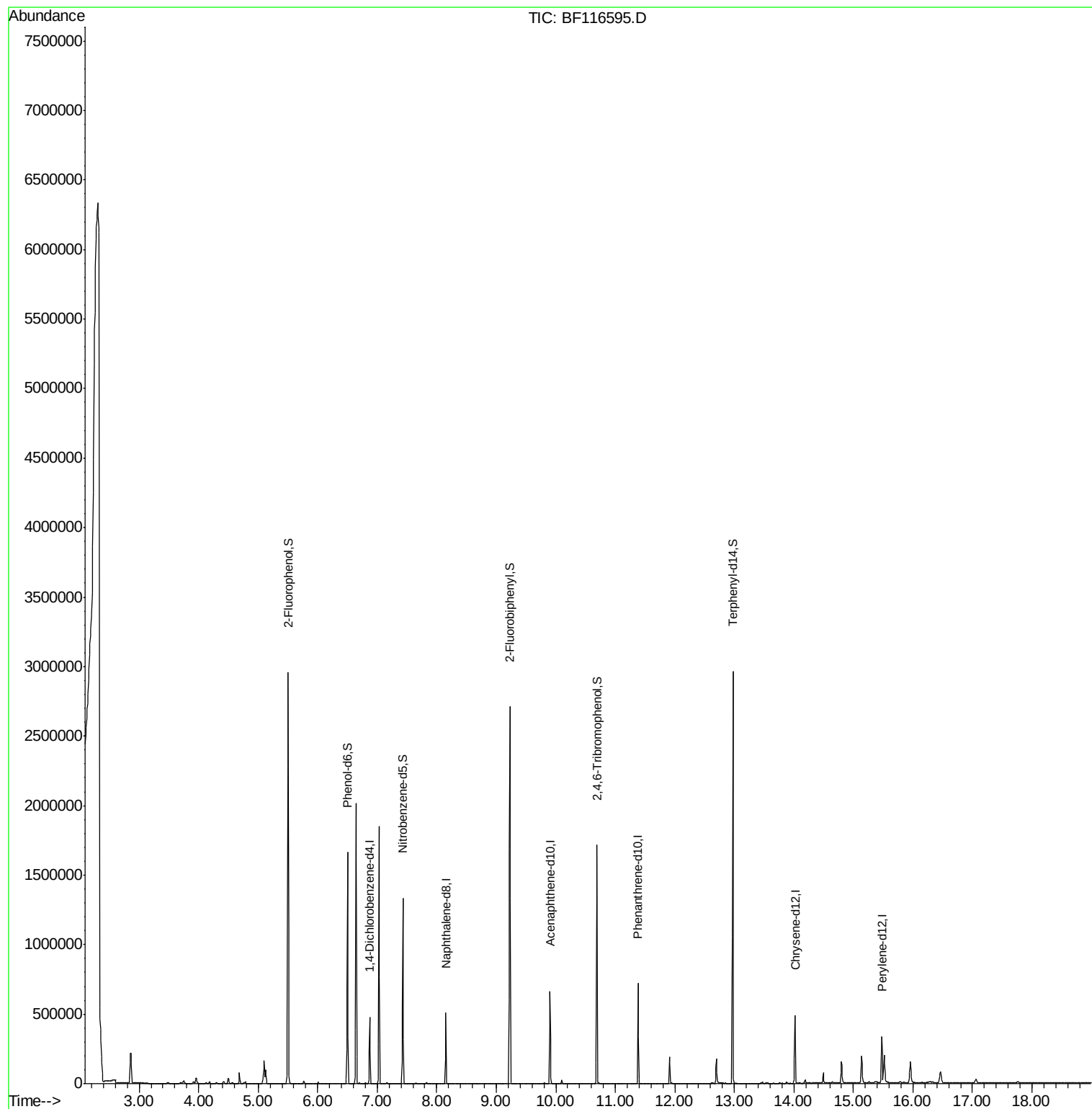
Target Compounds Qvalue

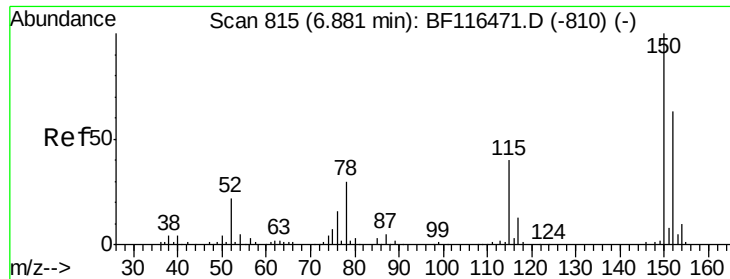
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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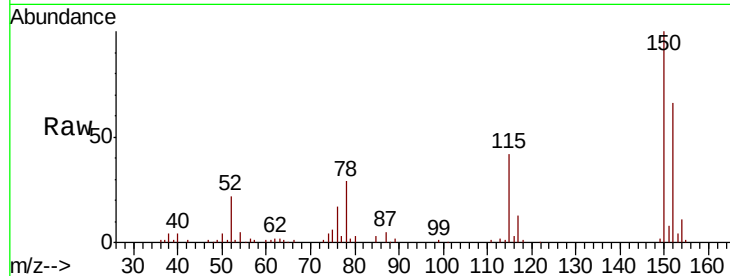


#1

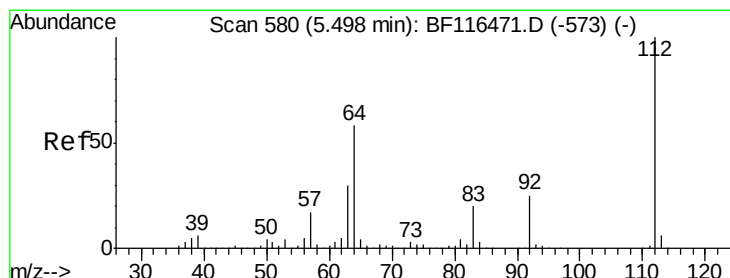
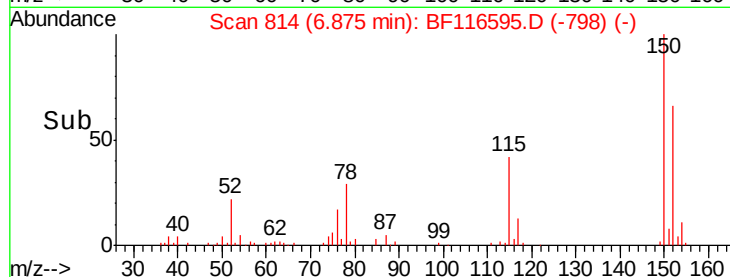
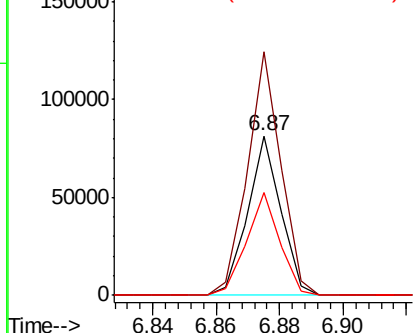
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF116595.D
 Acq: 27 Aug 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-B1-B4

Tot Ion:152 Resp: 58969
 Ion Ratio Lower Upper
 152 100
 150 152.6 126.7 190.1
 115 64.7 50.9 76.3



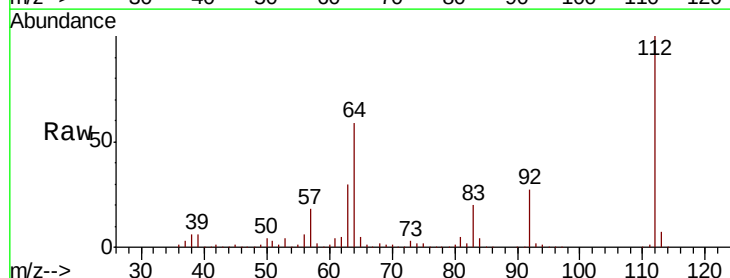
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



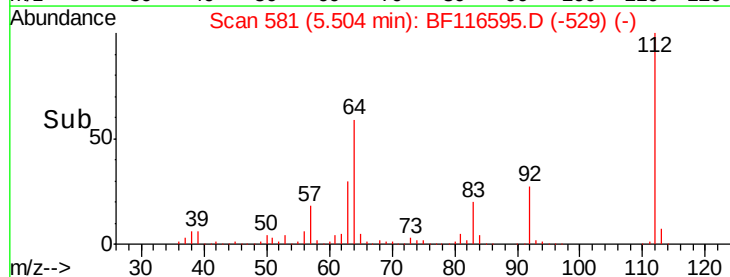
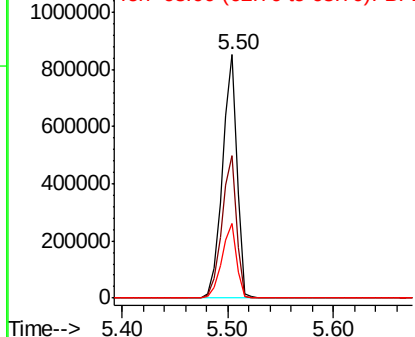
#5

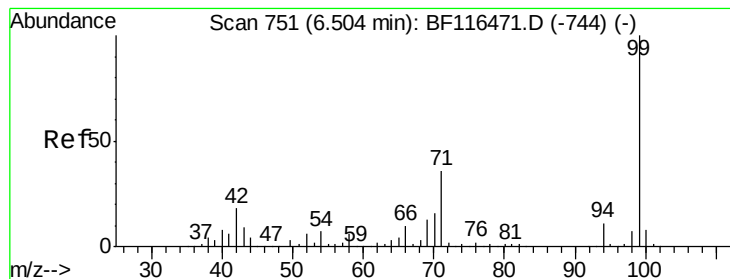
2-Fluorophenol
 Concen: 203.903 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF116595.D
 Acq: 27 Aug 2019 21:01

Tgt Ion:112 Resp: 822912
 Ion Ratio Lower Upper
 112 100
 64 58.6 46.3 69.5
 63 30.4 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: 106.704 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116595.D

Acq: 27 Aug 2019 21:01

Instrument :

BNA_F

ClientSampleId :

T2-S-B1-B4

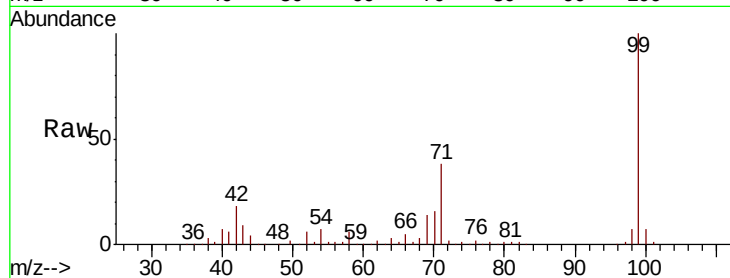
Tot Ion: 99 Resp: 528026

Ion Ratio Lower Upper

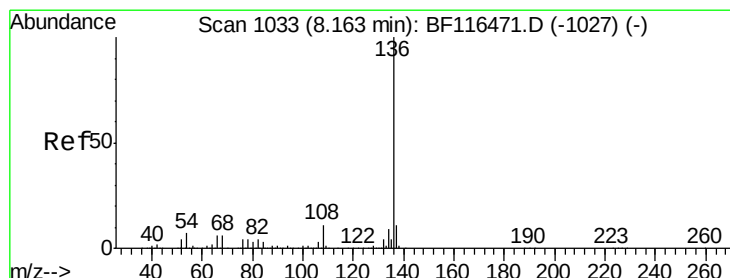
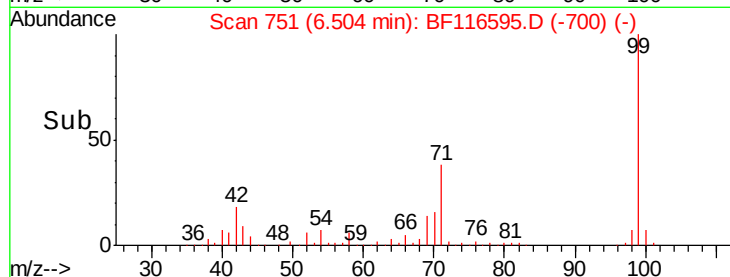
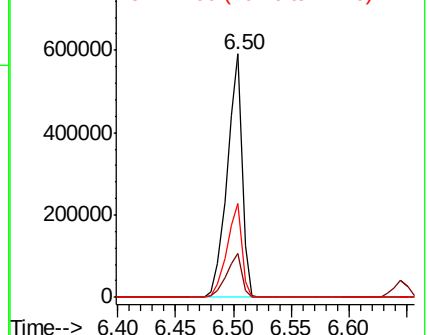
99 100

42 17.9 14.6 21.8

71 38.4 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: BF116595.D

Acq: 27 Aug 2019 21:01

Tgt Ion: 136 Resp: 227045

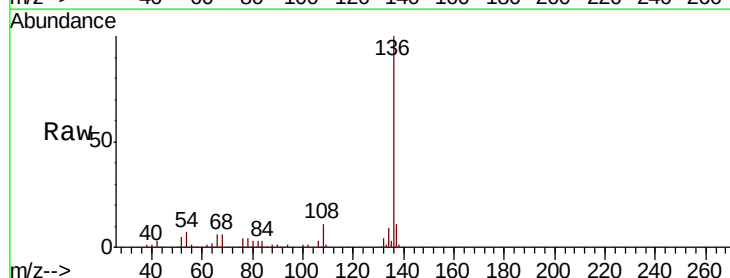
Ion Ratio Lower Upper

136 100

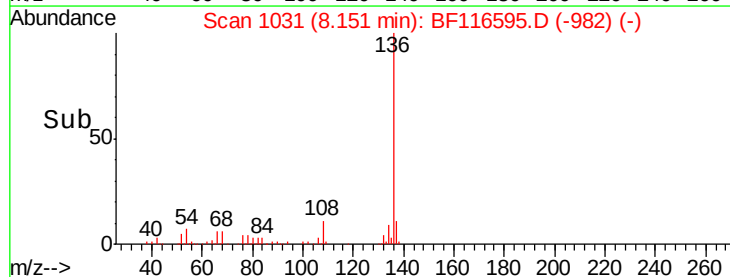
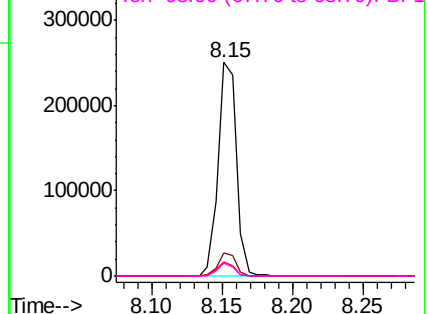
137 10.6 9.0 13.4

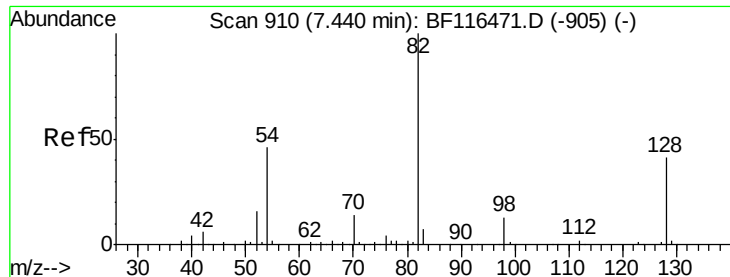
54 6.8 5.8 8.6

68 5.8 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

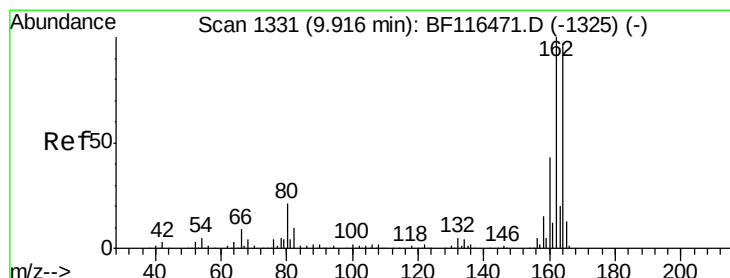
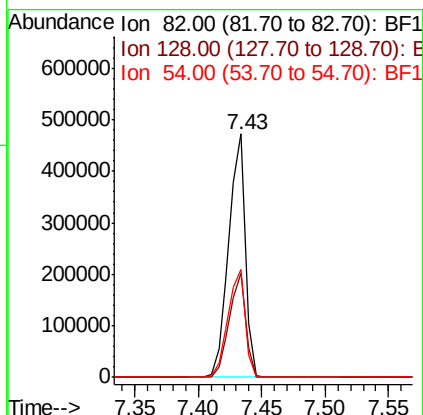
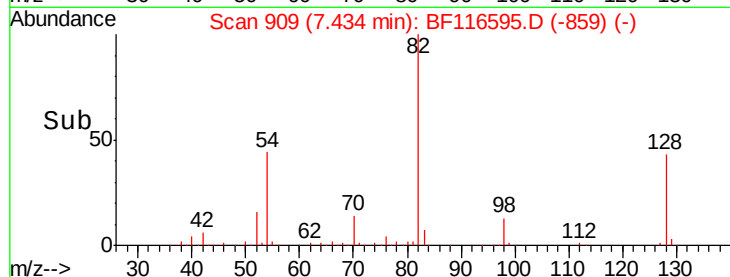
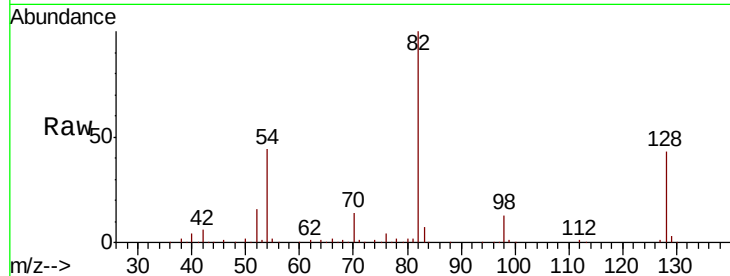




#23
 Nitrobenzene-d5
 Concen: 103.446 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116595.D
 Acq: 27 Aug 2019 21:01

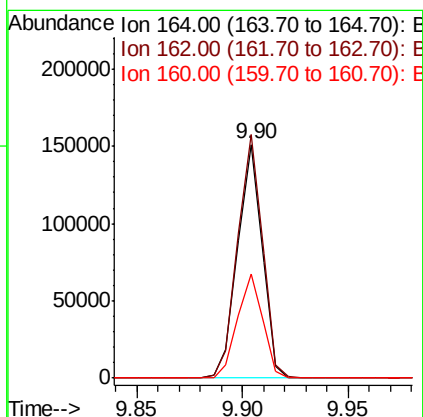
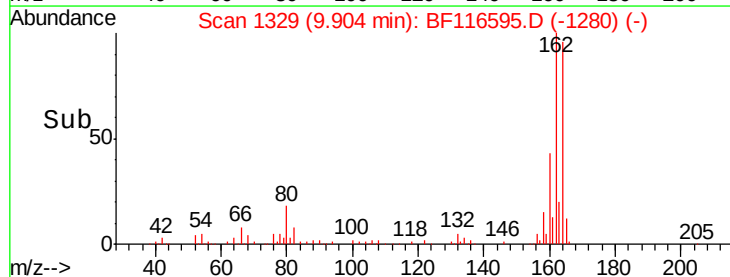
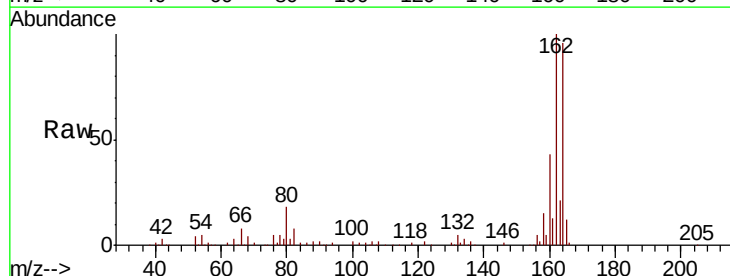
Instrument :
 BNA_F
 ClientSampleId :
 T2-S-B1-B4

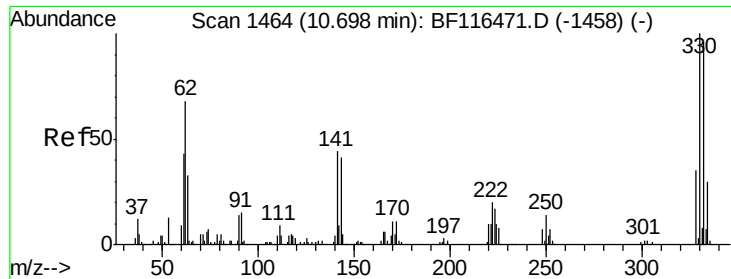
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.4
54	44.5	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF116595.D
 Acq: 27 Aug 2019 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	44.7	35.8	53.8

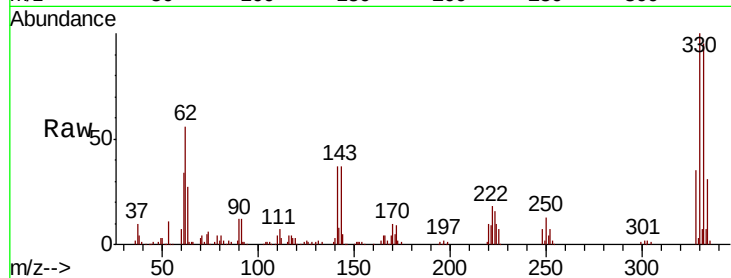




#42
 2,4,6-Tribromophenol
 Concen: 176.670 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF116595.D
 Acq: 27 Aug 2019 21:01

Instrument :
 BNA_F
 ClientSampled :
 T2-S-B1-B4

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	39.9	33.3	49.9

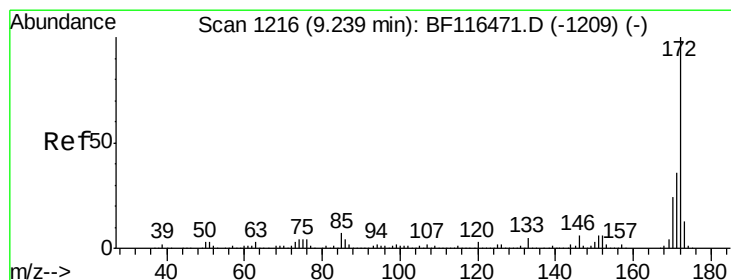
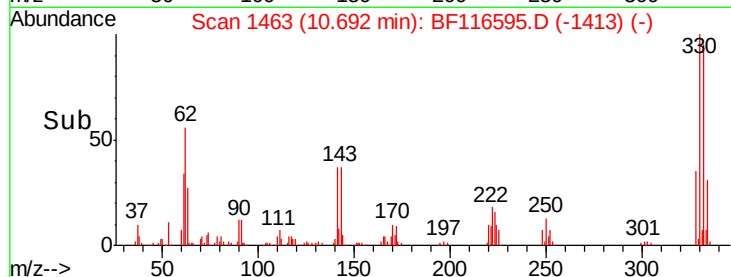
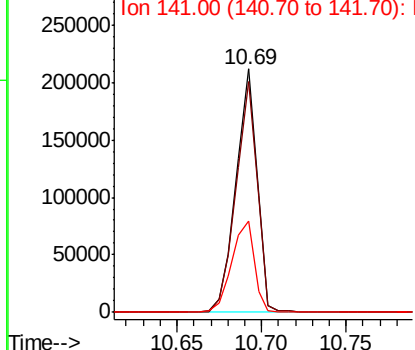


Abundance

Ion 329.80 (329.50 to 330.50): E

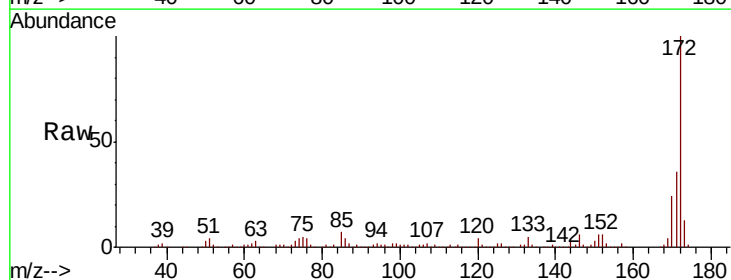
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.501 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF116595.D
 Acq: 27 Aug 2019 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.9	19.4	29.0

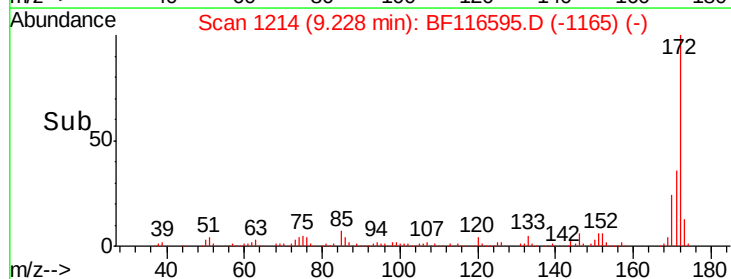
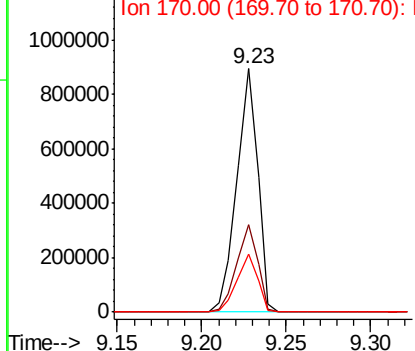


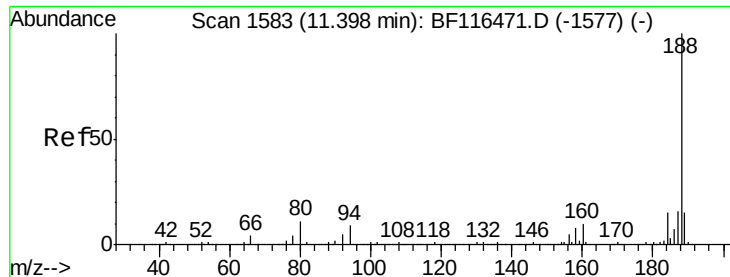
Abundance

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

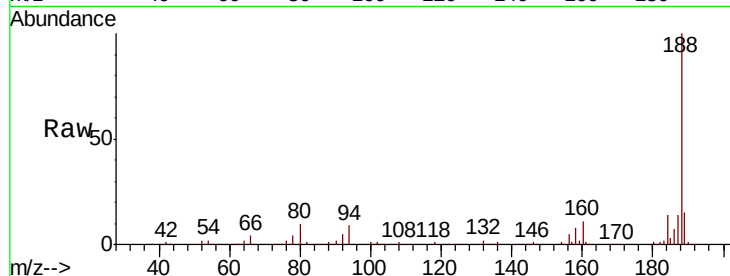




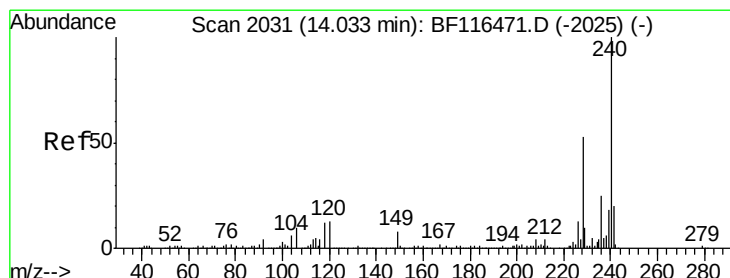
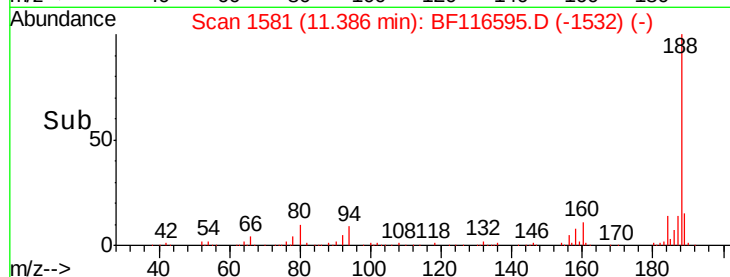
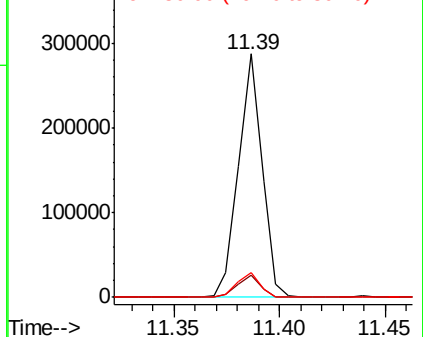
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :
T2-S-B1-B4

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.0	8.6	12.8

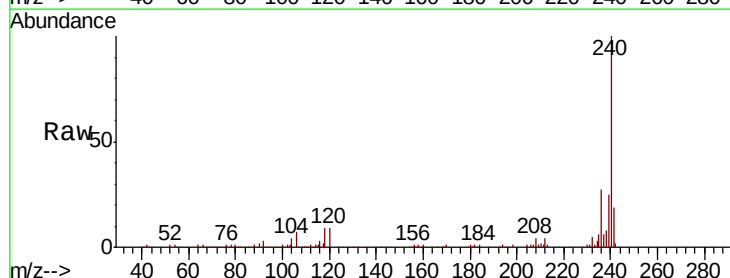


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

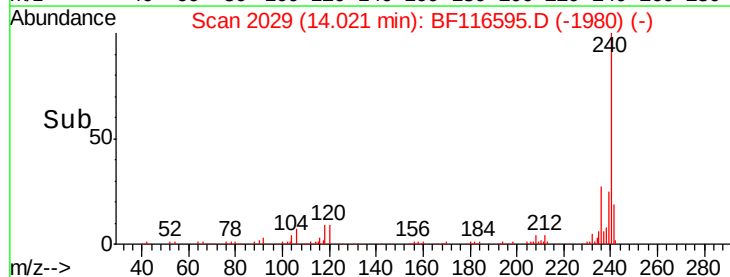
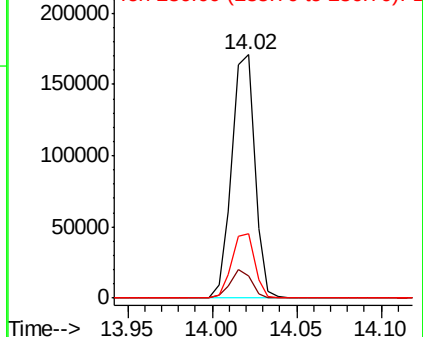


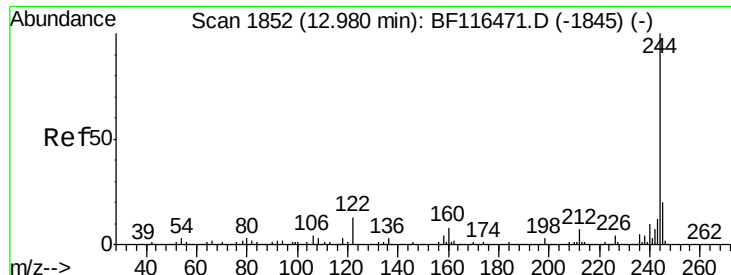
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.5	15.7#
236	26.5	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

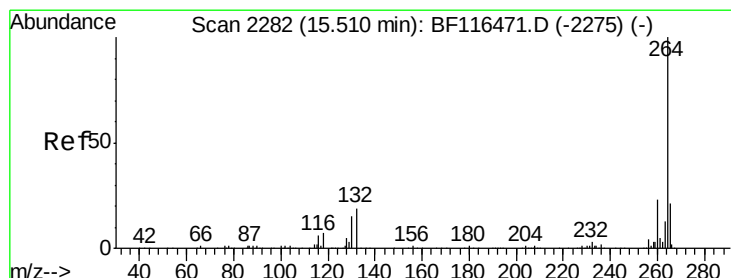
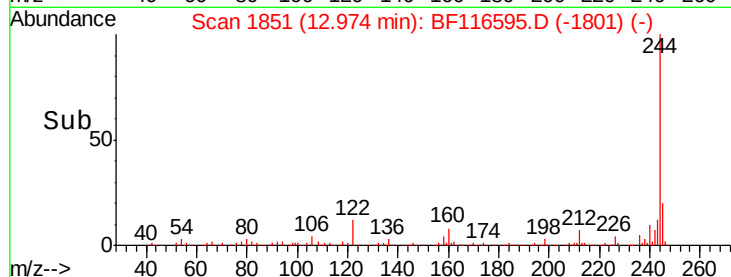
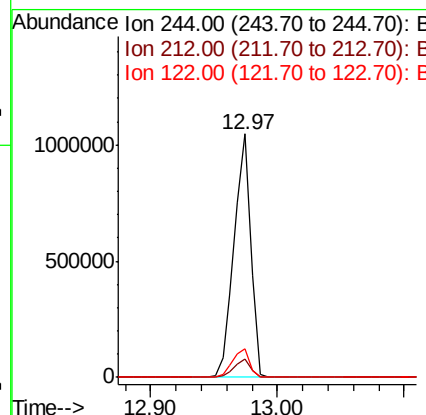
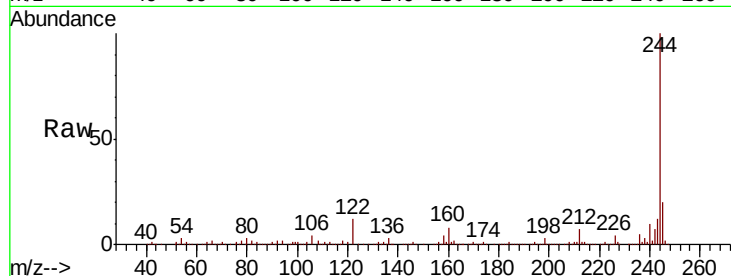




#79
 Terphenyl-d14
 Concen: 109.494 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116595.D
 Acq: 27 Aug 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-B1-B4

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.9	10.2	15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BF116595.D
 Acq: 27 Aug 2019 21:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	20.7	17.1	25.7

