

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116593.D
 Acq On : 27 Aug 2019 20:07
 Operator : HP/JU
 Sample : K4516-27
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-S-B1-B4

Quant Time: Aug 28 07:41:36 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

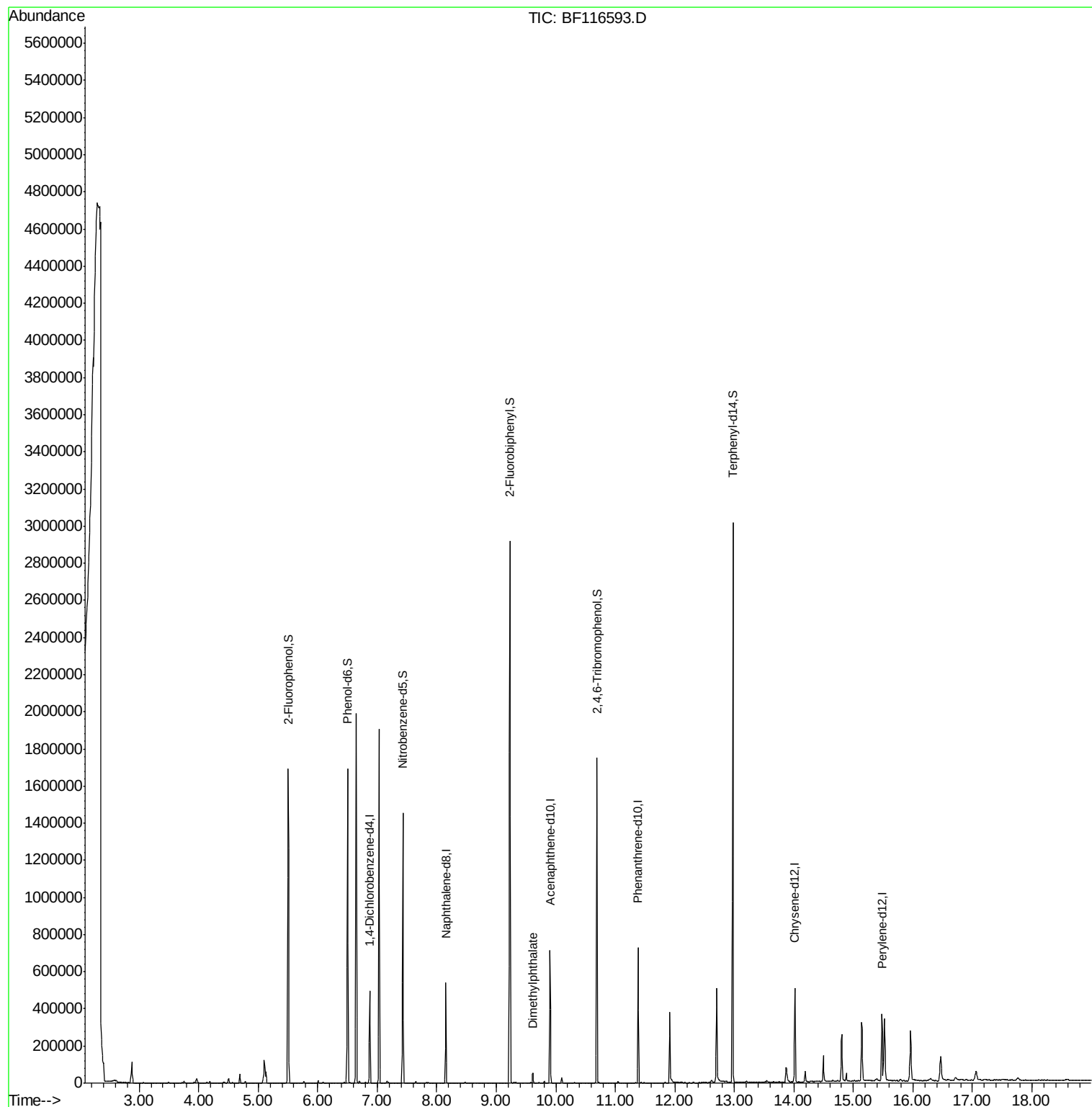
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	63137	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	243014	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	131305	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	233491	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	163011	20.00	ng	-0.02
87) Perylene-d12	15.48	264	160094	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	481002	111.32	ng	0.00
7) Phenol-d6	6.50	99	563048	106.27	ng	0.00
23) Nitrobenzene-d5	7.43	82	451740	101.70	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	189639	168.20	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	822943	100.93	ng	-0.01
79) Terphenyl-d14	12.97	244	950205	108.88	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	21627	2.361	ng	Qvalue # 99

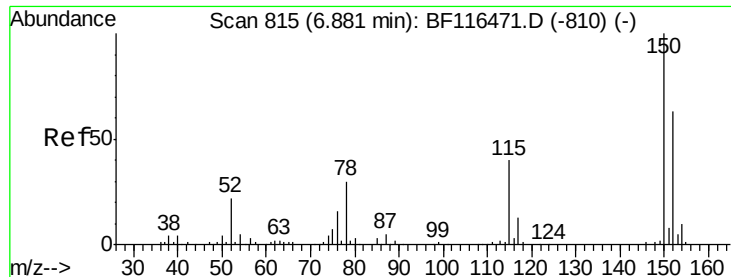
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



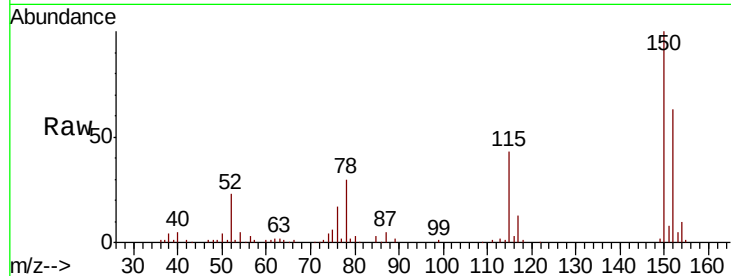


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF116593.D
 Acq: 27 Aug 2019 20:07

Instrument :
 BNA_F
 ClientSampleId :
 T1-S-B1-B4

Tot Ion	152	Resp	63137
Ion Ratio	100		
Lower	126.7		
Upper	190.1		
150	158.3		
115	68.4		
	50.9		
	76.3		

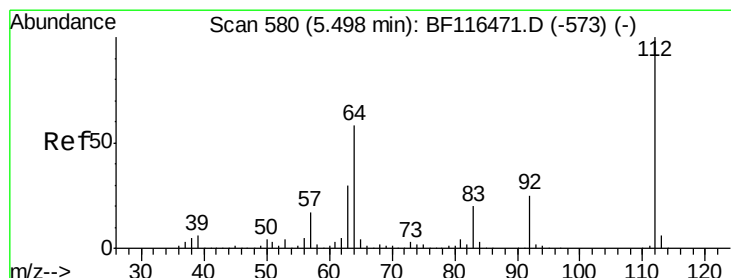
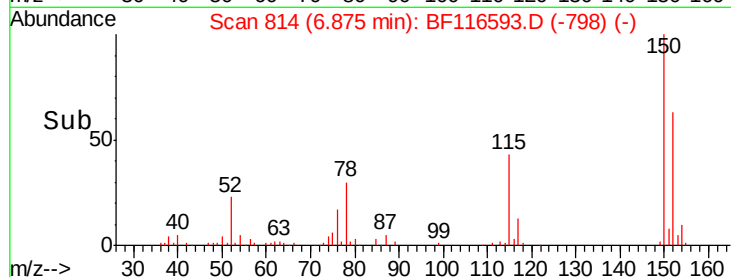
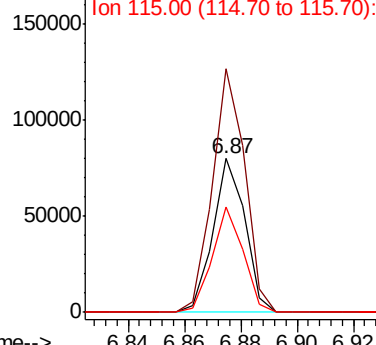


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

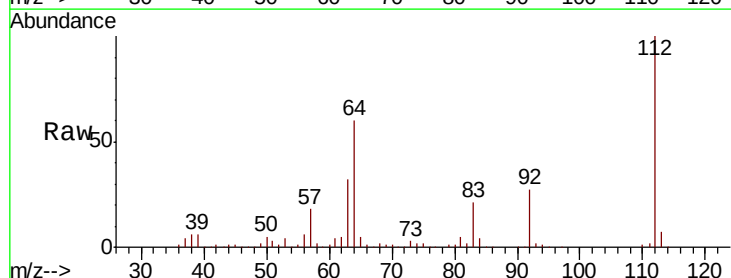
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 111.316 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF116593.D
 Acq: 27 Aug 2019 20:07

Tgt Ion	112	Resp	481002
Ion Ratio	100		
Lower	46.3		
Upper	69.5		
64	60.1		
63	32.2		
	24.2		
	36.4		

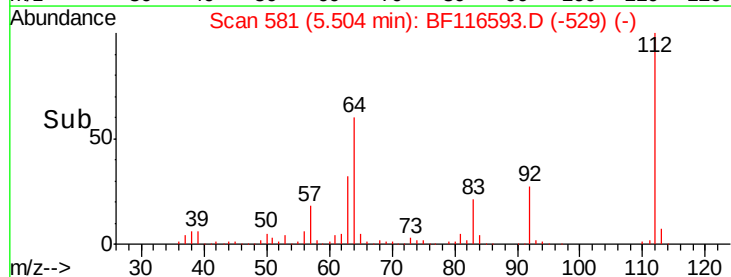
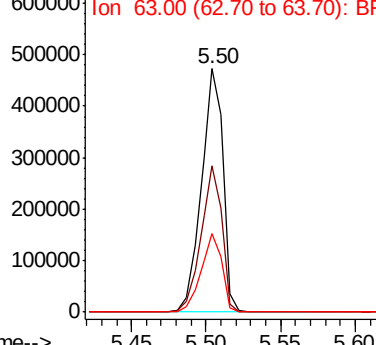


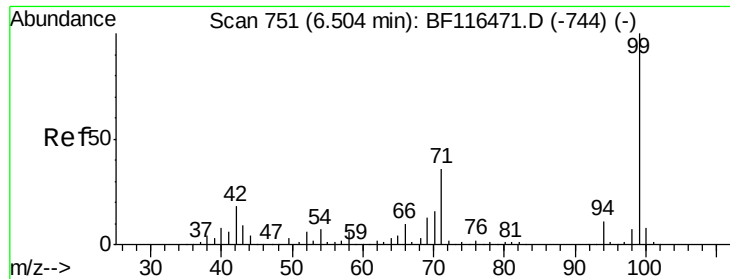
Abundance

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: 106.270 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116593.D

Acq: 27 Aug 2019 20:07

Instrument :

BNA_F

ClientSampleId :

T1-S-B1-B4

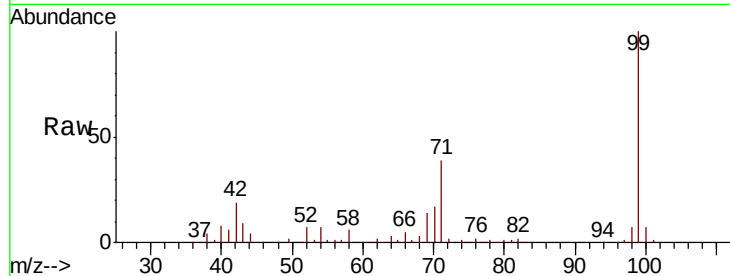
Tot Ion: 99 Resp: 563048

Ion Ratio Lower Upper

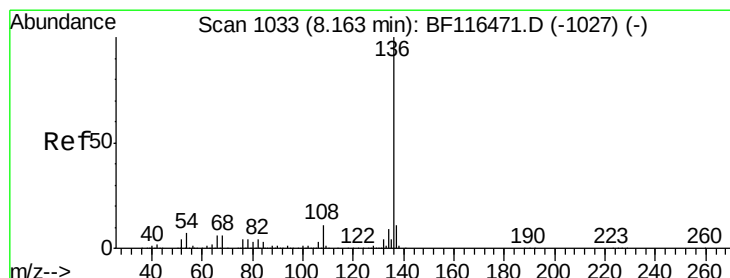
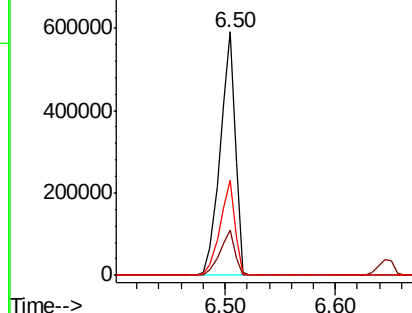
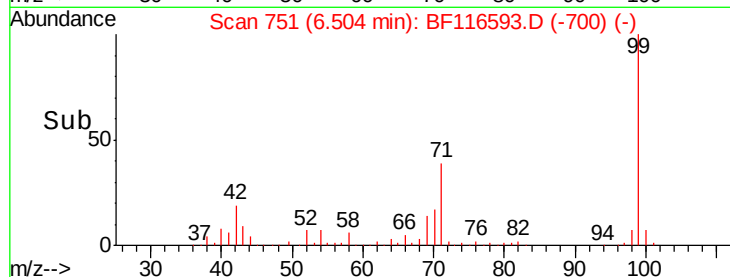
99 100

42 18.7 14.6 21.8

71 39.0 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: BF116593.D

Acq: 27 Aug 2019 20:07

Tgt Ion: 136 Resp: 243014

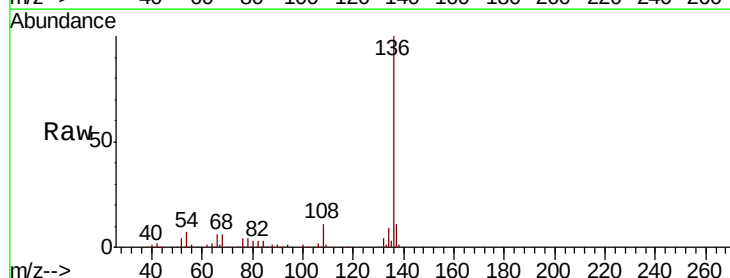
Ion Ratio Lower Upper

136 100

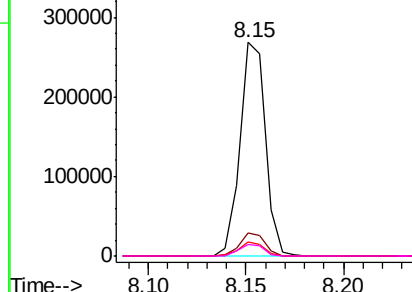
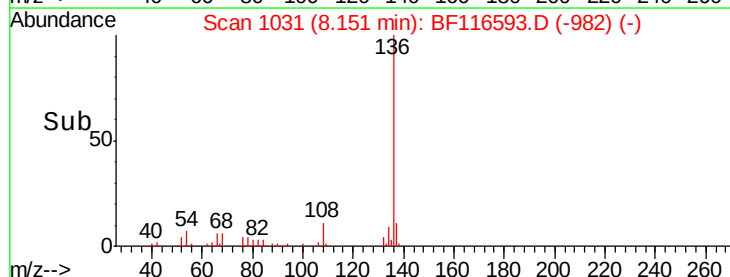
137 11.0 9.0 13.4

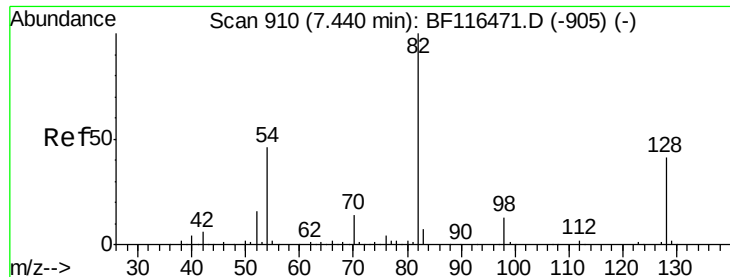
54 6.6 5.8 8.6

68 5.5 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

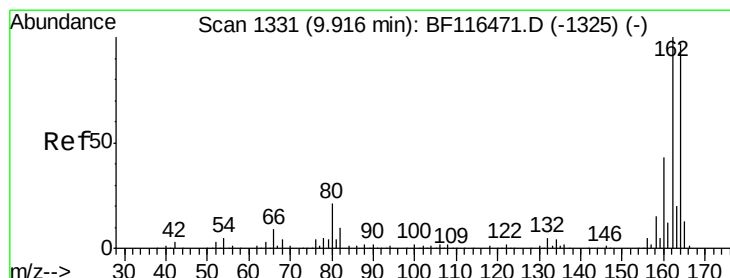
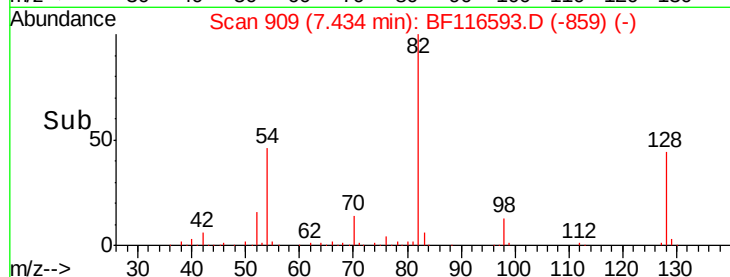
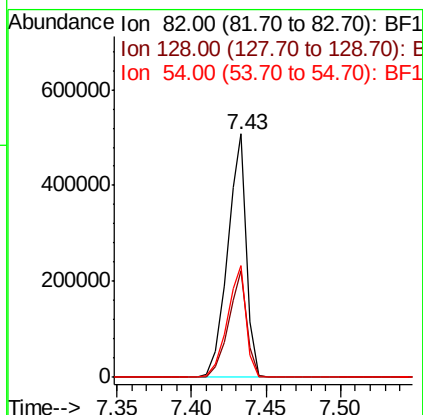
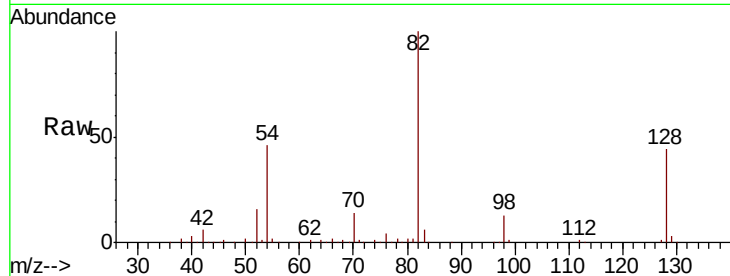




#23
 Nitrobenzene-d5
 Concen: 101.701 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116593.D
 Acq: 27 Aug 2019 20:07

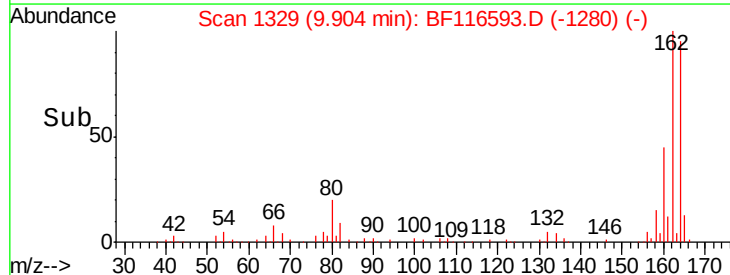
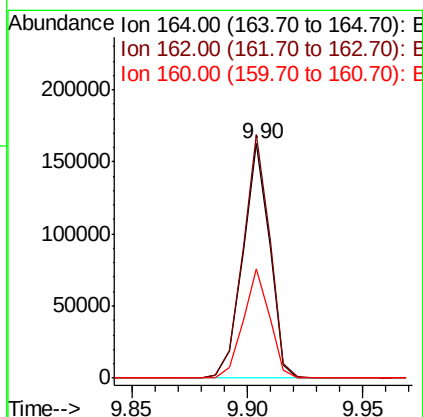
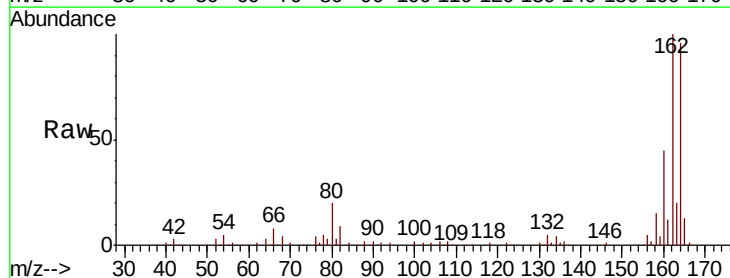
Instrument :
 BNA_F
 ClientSampleId :
 T1-S-B1-B4

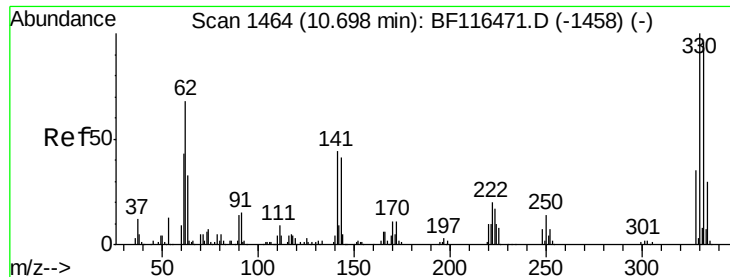
Tot Ion	82	Resp	451740
Ion Ratio	100	Lower	Upper
128	43.9	32.2	48.4
54	45.9	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF116593.D
 Acq: 27 Aug 2019 20:07

Tgt Ion	164	Resp	131305
Ion Ratio	100	Lower	Upper
162	104.0	82.6	123.8
160	46.6	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 168.197 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF116593.D

Acq: 27 Aug 2019 20:07

Instrument :

BNA_F

ClientSampleId :

T1-S-B1-B4

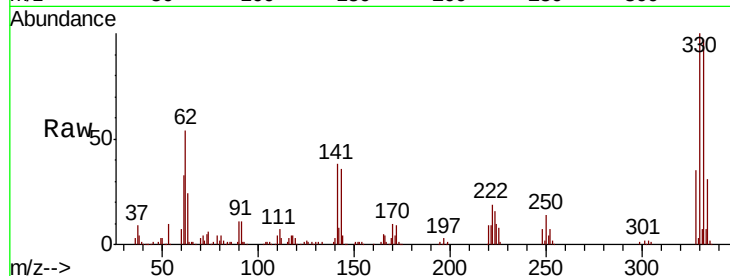
Tot Ion:330 Resp: 189639

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

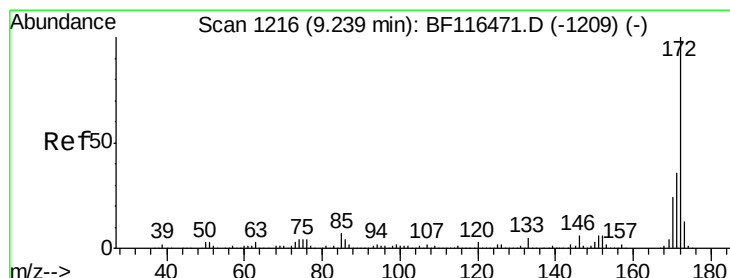
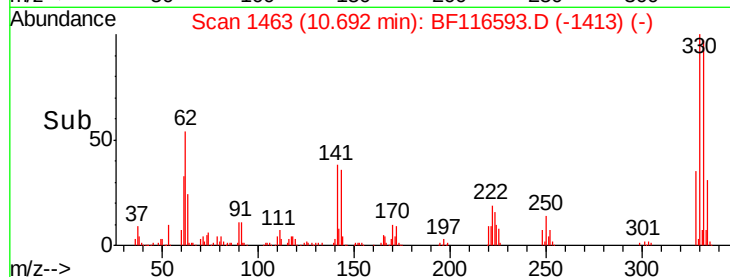
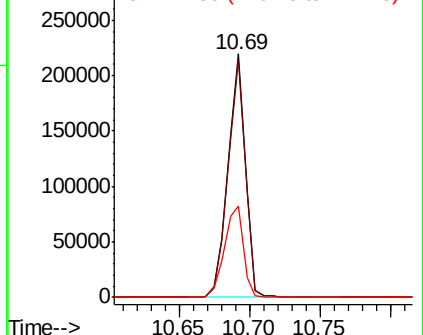
141 40.4 33.3 49.9



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: 100.931 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF116593.D

Acq: 27 Aug 2019 20:07

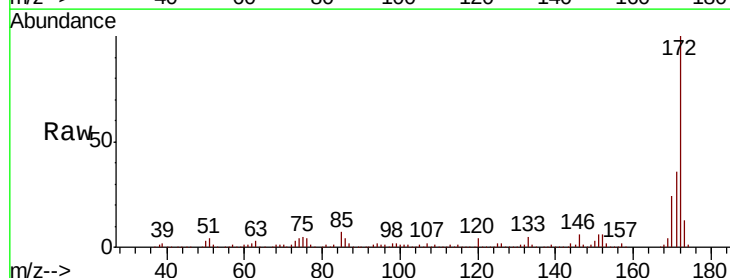
Tgt Ion:172 Resp: 822943

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

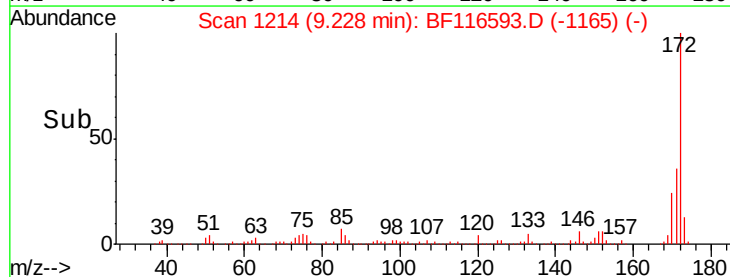
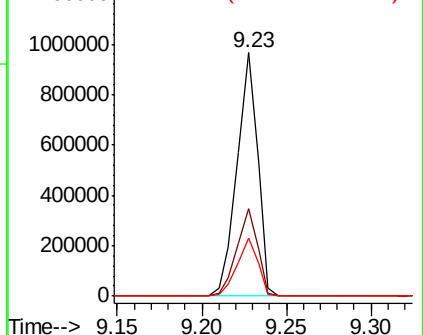
170 24.1 19.4 29.0

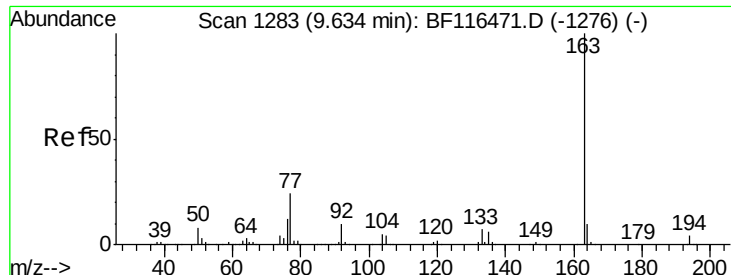


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

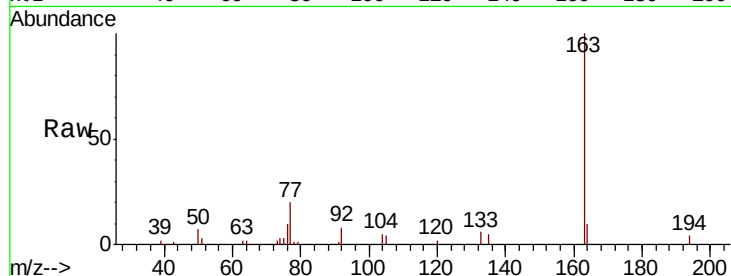




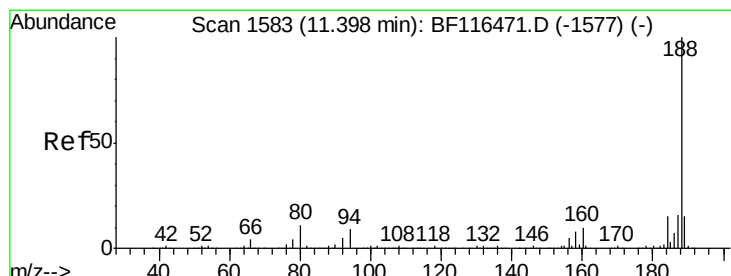
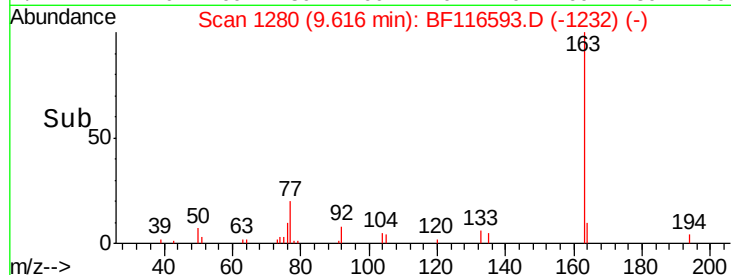
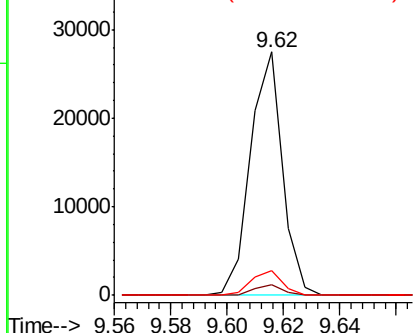
#50
Dimethylphthalate
Concen: 2.361 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF116593.D
Acq: 27 Aug 2019 20:07

Instrument :
BNA_F
ClientSampleId :
T1-S-B1-B4

Tot Ion:163 Resp: 21627
Ion Ratio Lower Upper
163 100
194 4.4 2.9 4.3#
164 10.0 8.2 12.2

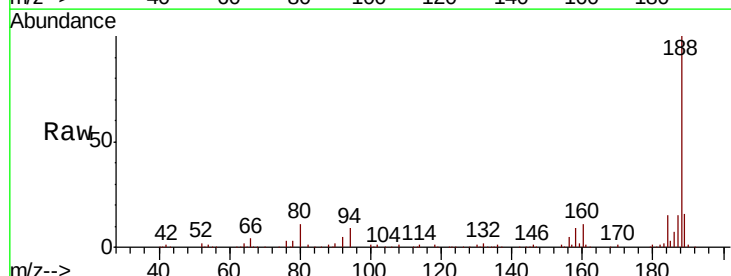


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

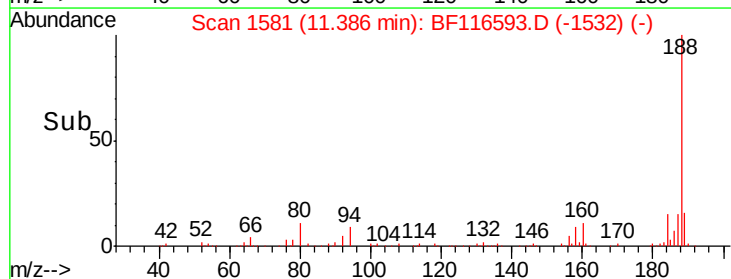
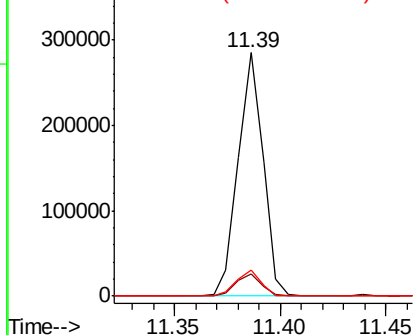


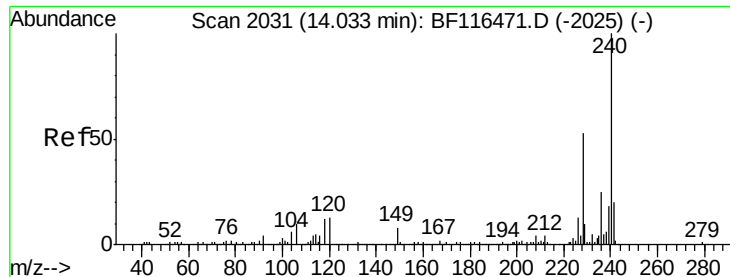
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116593.D
Acq: 27 Aug 2019 20:07

Tgt Ion:188 Resp: 233491
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.5 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: BF116593.D

Acq: 27 Aug 2019 20:07

Instrument :

BNA_F

ClientSampleId :

T1-S-B1-B4

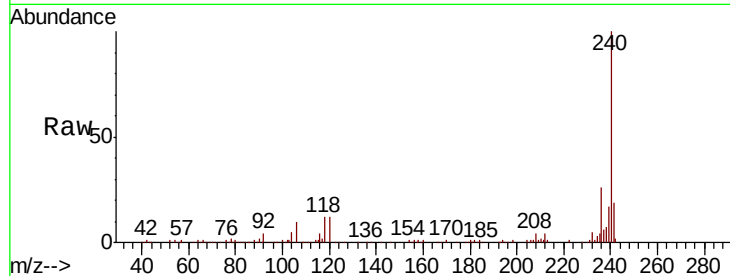
Tot Ion:240 Resp: 163011

Ion Ratio Lower Upper

240 100

120 11.8 10.5 15.7

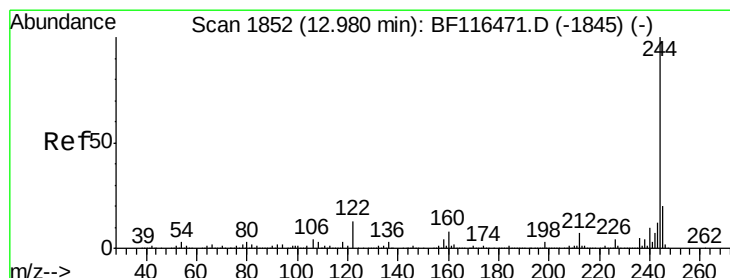
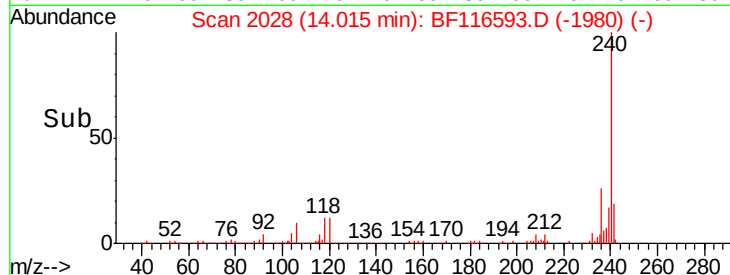
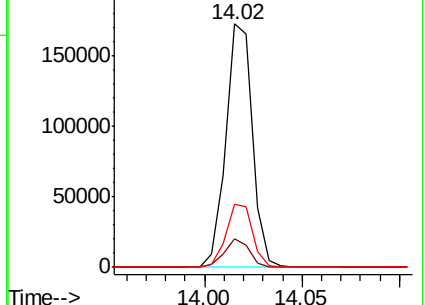
236 25.8 20.2 30.2



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: 108.882 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116593.D

Acq: 27 Aug 2019 20:07

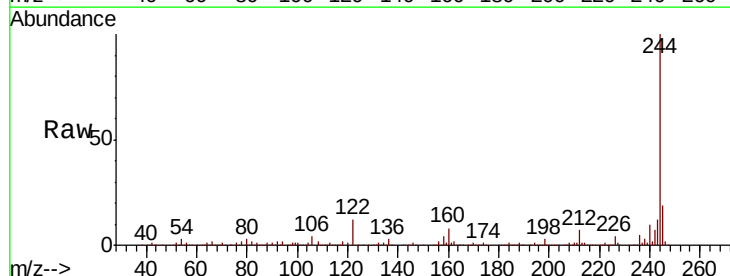
Tgt Ion:244 Resp: 950205

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

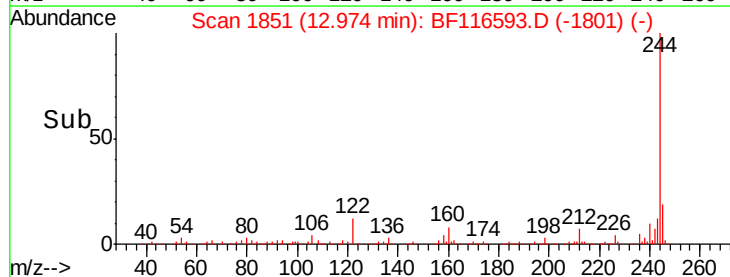
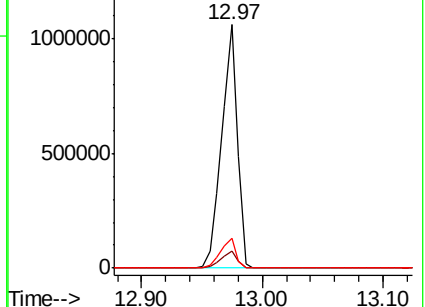
122 12.2 10.2 15.4

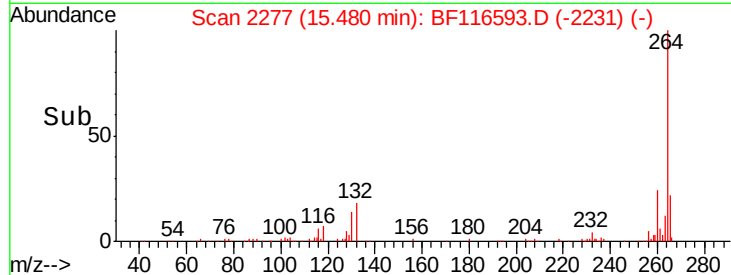
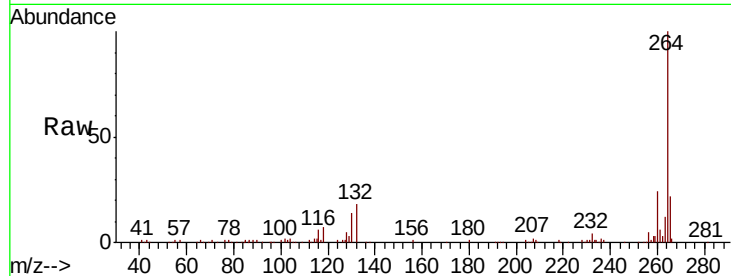
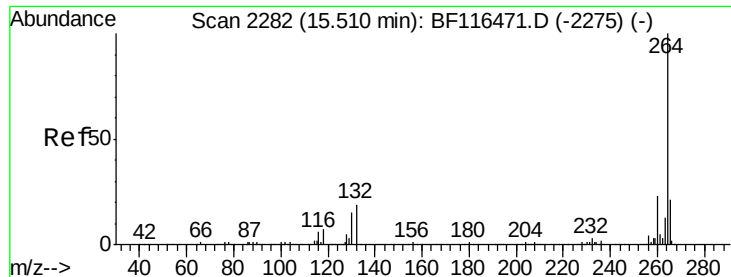


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF116593.D
Acq: 27 Aug 2019 20:07

Instrument :
BNA_F
ClientSampleId :
T1-S-B1-B4

Tot Ion:264	Resp:	160094
Ion Ratio	Lower	Upper
264	100	
260	23.8	18.8 28.2
265	22.0	17.1 25.7

