

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114835.D
 Acq On : 5 Jun 2019 23:00
 Operator : HP/JU
 Sample : K3189-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-8C

Quant Time: Jun 06 07:27:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

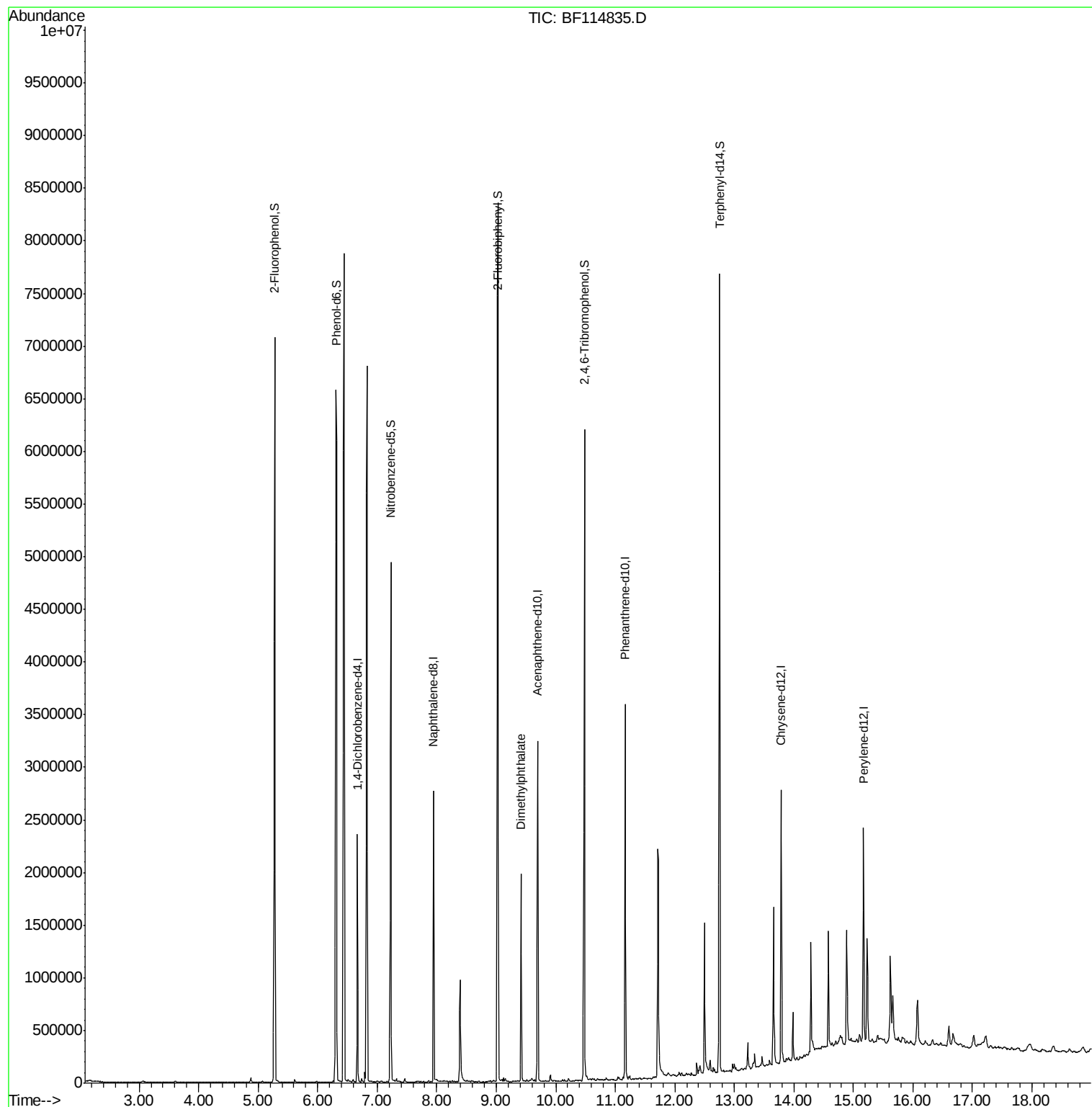
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	338947	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1291118	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	649205	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1249736	20.00	ng	0.00
76) Chrysene-d12	13.79	240	786447	20.00	ng	0.00
87) Perylene-d12	15.17	264	886038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2389902	123.21	ng	0.02
7) Phenol-d6	6.31	99	2967209	125.71	ng	0.00
23) Nitrobenzene-d5	7.23	82	1864476	88.90	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	835999	119.49	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2719509	78.47	ng	0.00
79) Terphenyl-d14	12.75	244	2856045	70.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	757280	15.971	ng	Qvalue 99

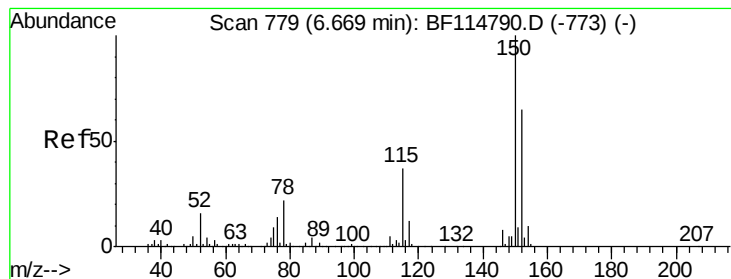
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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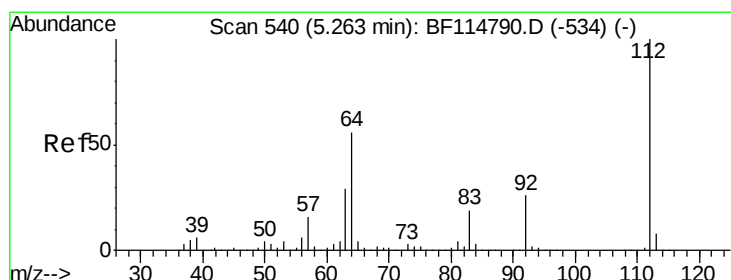
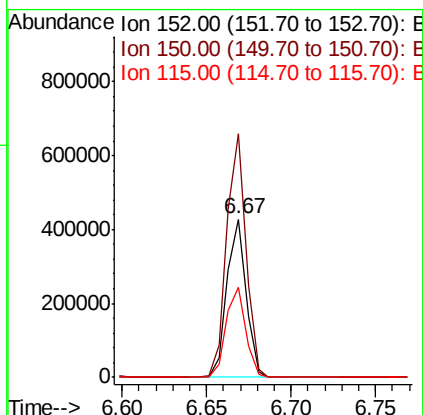
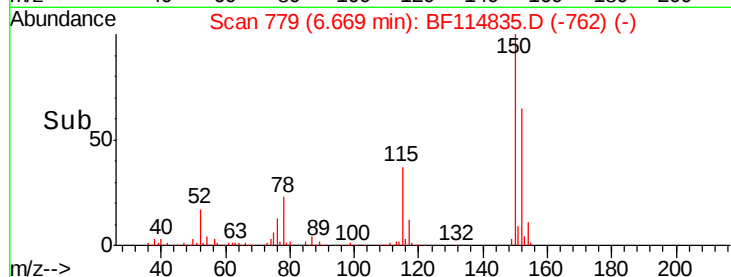
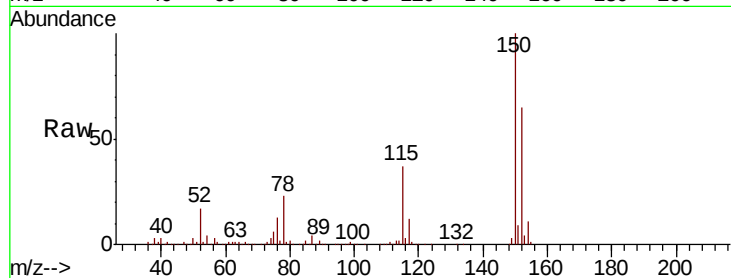


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

Instrument :
BNA_F
ClientSampleId :
S-8C

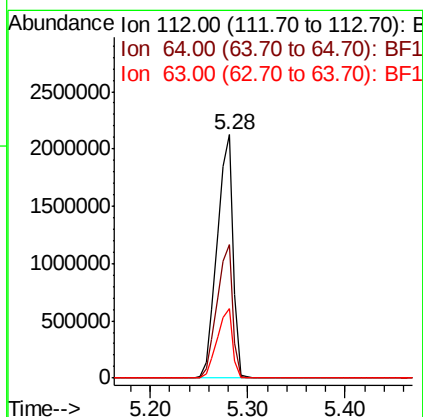
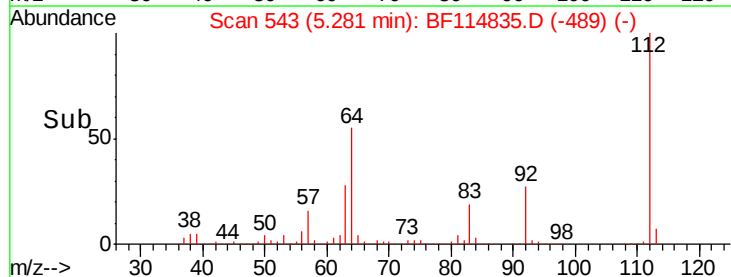
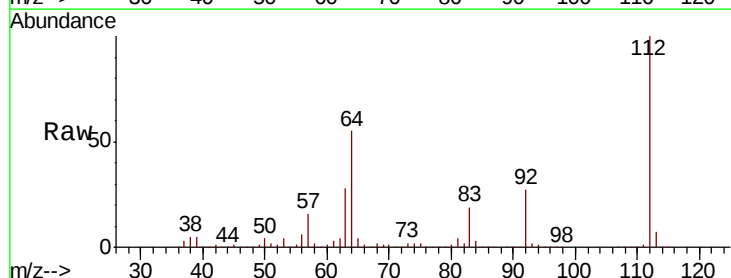
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.0	186.0
115	56.8	46.3	69.5

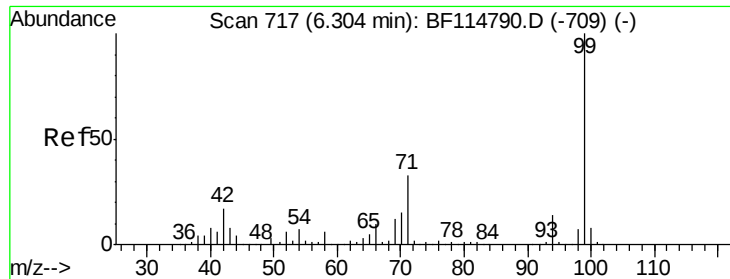


#5

2-Fluorophenol
Concen: 123.205 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	44.6	66.8
63	28.5	23.0	34.4





#7

Phenol-d6

Concen: 125.712 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Instrument :

BNA_F

ClientSampleId :

S-8C

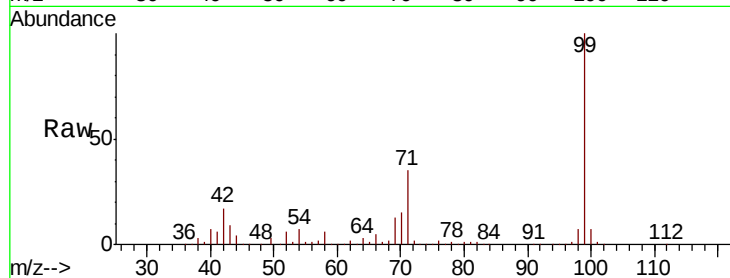
Tot Ion: 99 Resp: 2967209

Ion Ratio Lower Upper

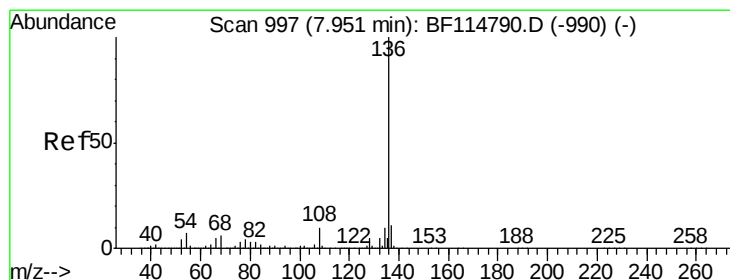
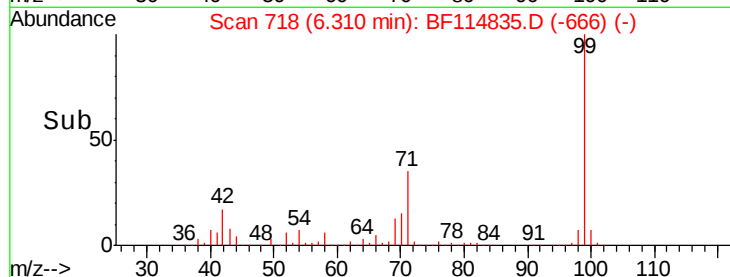
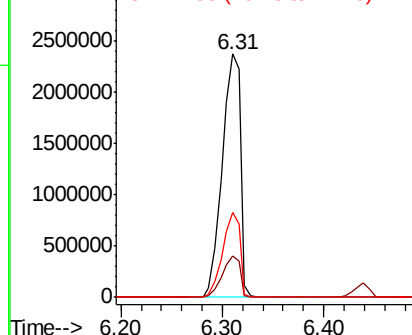
99 100

42 17.2 13.3 19.9

71 35.0 26.3 39.5



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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Tgt Ion:136 Resp: 1291118

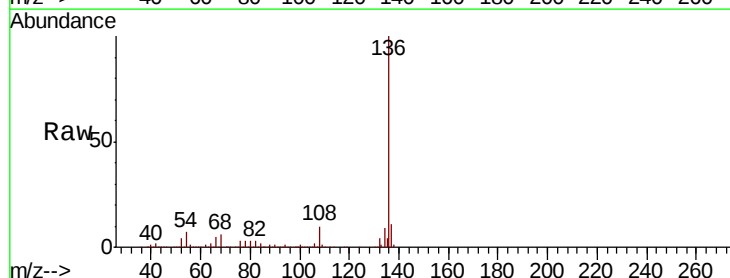
Ion Ratio Lower Upper

136 100

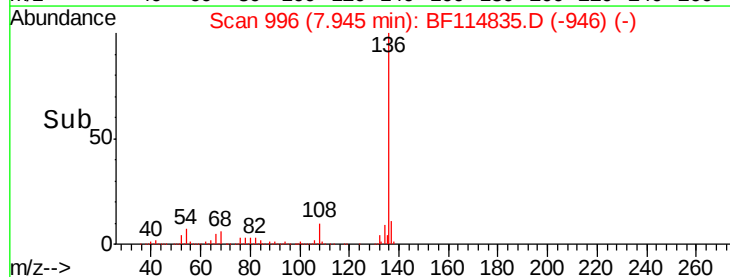
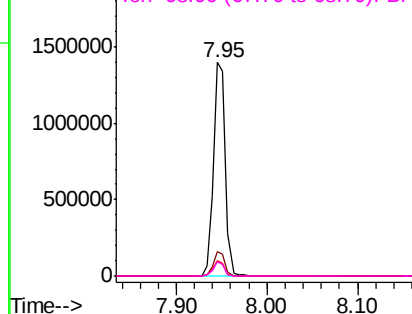
137 11.4 9.1 13.7

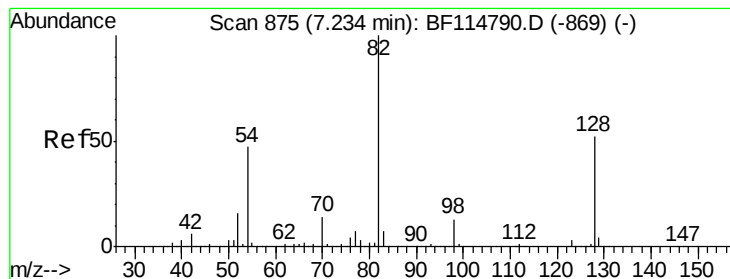
54 7.3 5.4 8.0

68 6.4 4.6 6.8



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: 88.895 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Instrument :

BNA_F

ClientSampleId :

S-8C

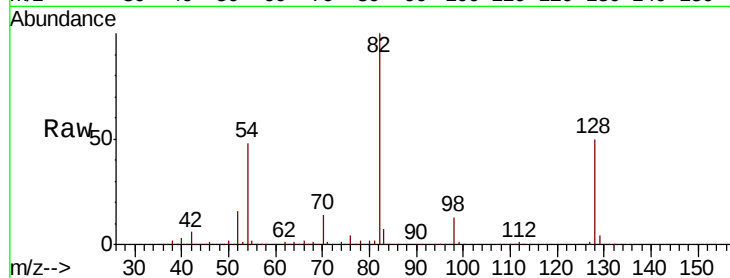
Tot Ion: 82 Resp: 1864476

Ion Ratio Lower Upper

82 100

128 50.3 41.8 62.6

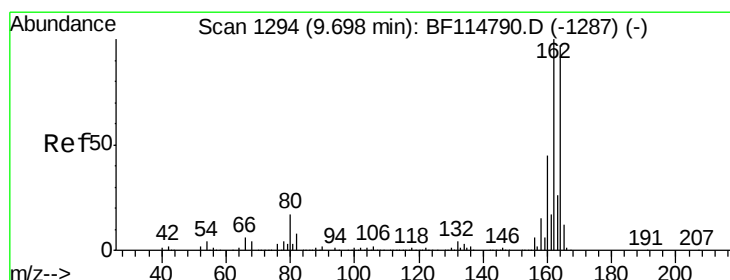
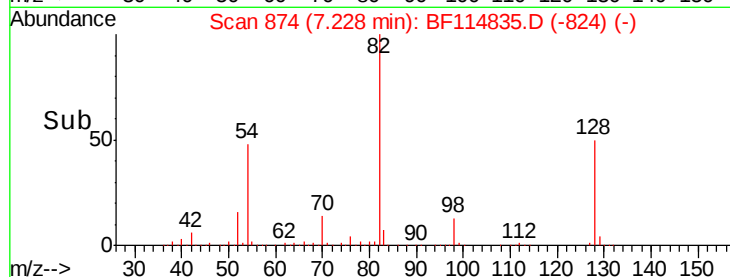
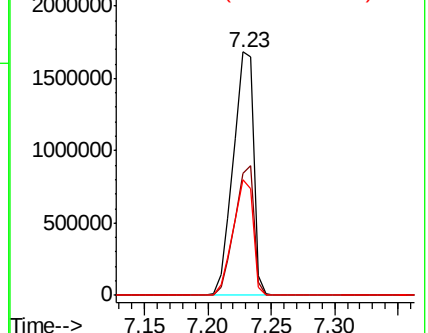
54 47.5 37.9 56.9



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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

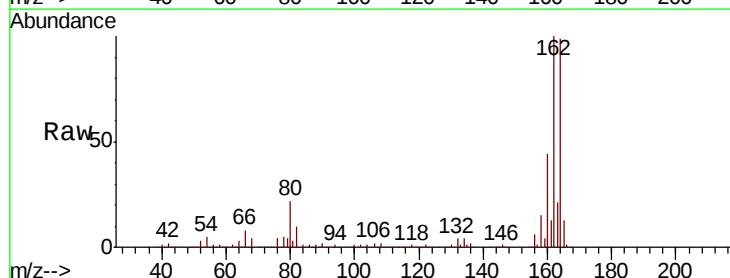
Tgt Ion:164 Resp: 649205

Ion Ratio Lower Upper

164 100

162 100.6 82.3 123.5

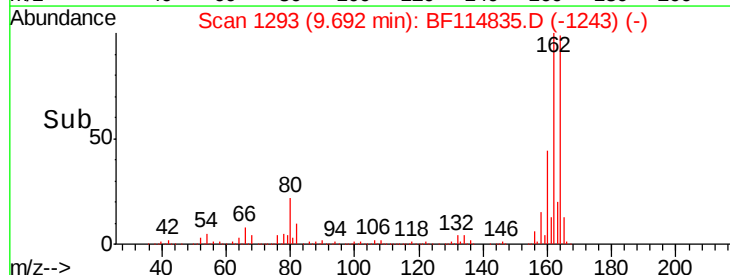
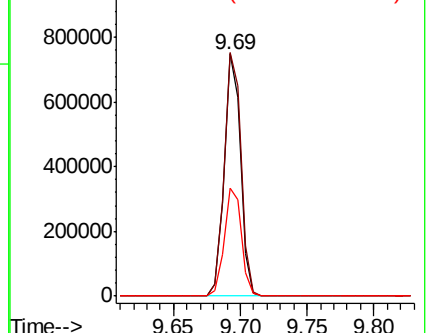
160 44.7 36.7 55.1

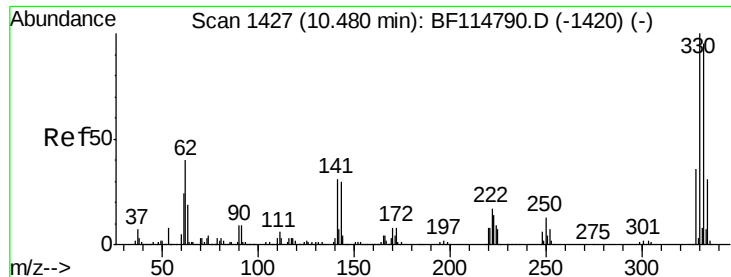


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 119.493 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Instrument :

BNA_F

ClientSampleId :

S-8C

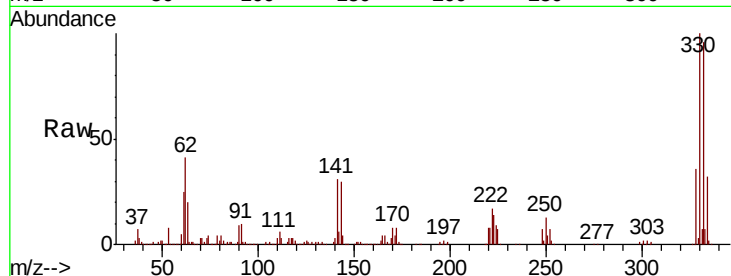
Tot Ion:330 Resp: 835999

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

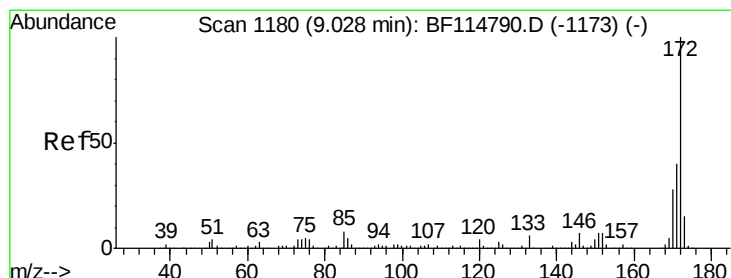
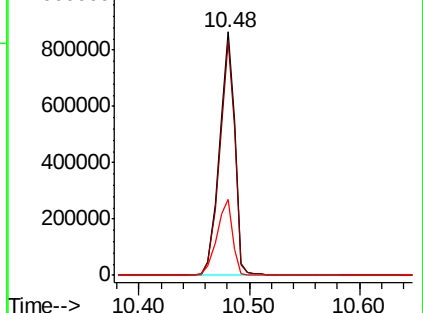
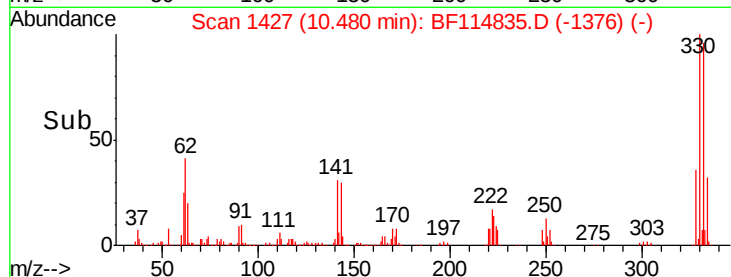
141 31.8 26.2 39.4



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: 78.471 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

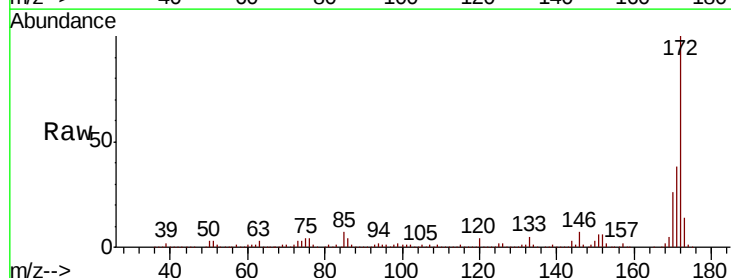
Tgt Ion:172 Resp: 2719509

Ion Ratio Lower Upper

172 100

171 38.5 32.3 48.5

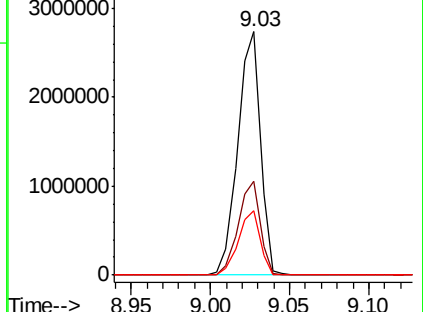
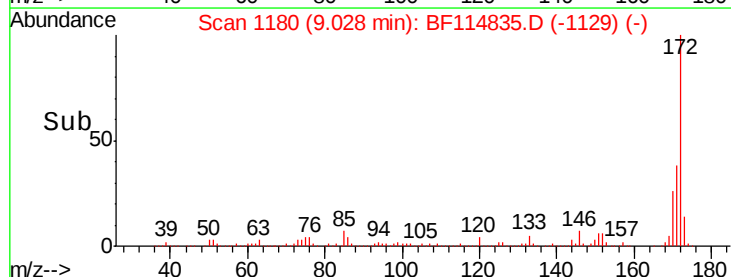
170 26.4 22.4 33.6

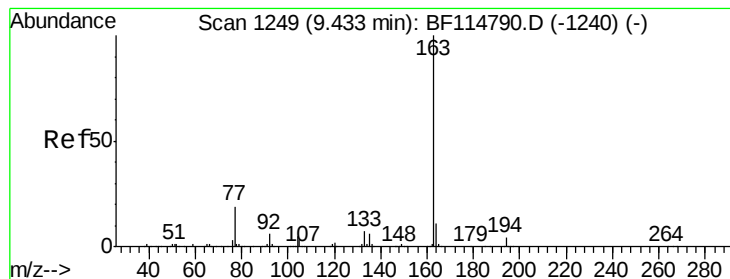


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 15.971 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Instrument :

BNA_F

ClientSampleId :

S-8C

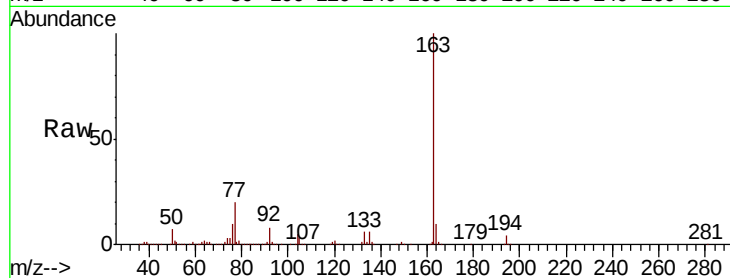
Tot Ion:163 Resp: 757280

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

164 10.5 8.6 13.0

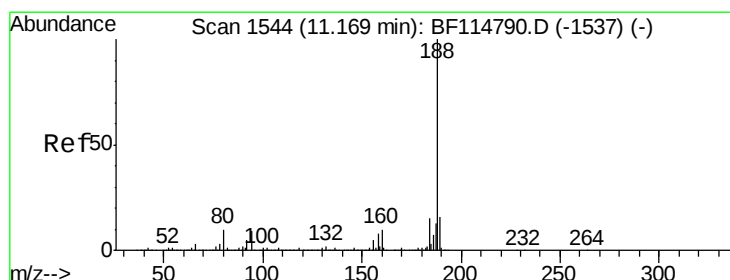
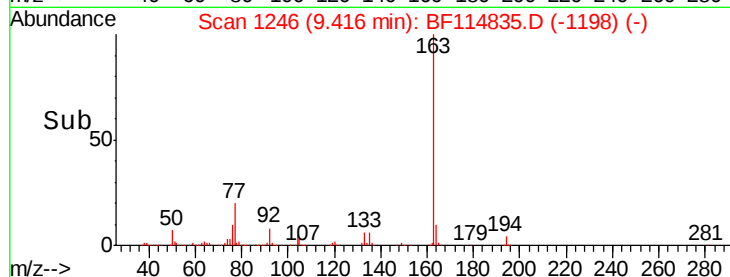
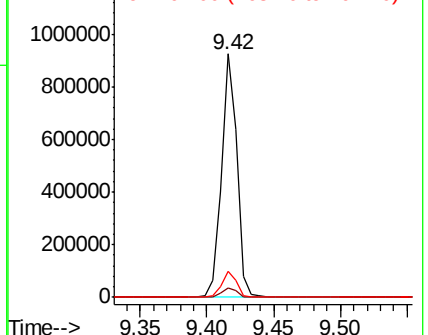


Abundance

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: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

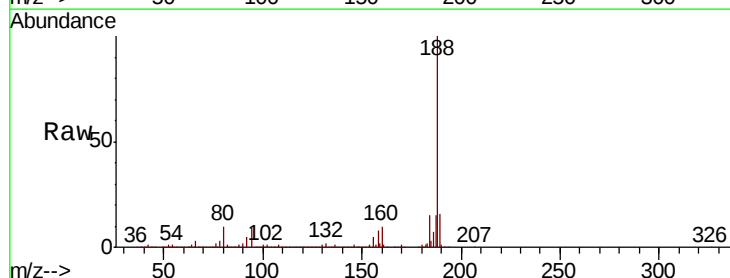
Tgt Ion:188 Resp: 1249736

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.8 8.3 12.5

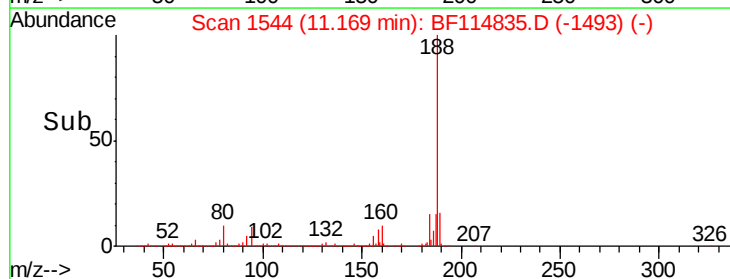
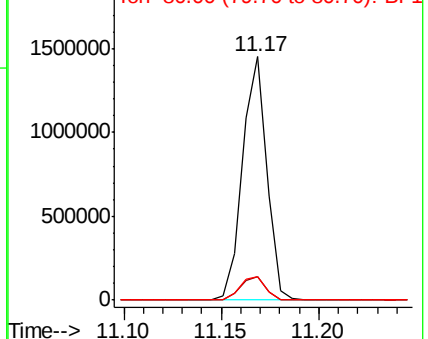


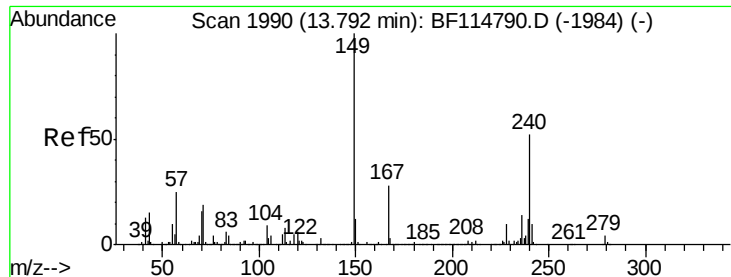
Abundance

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

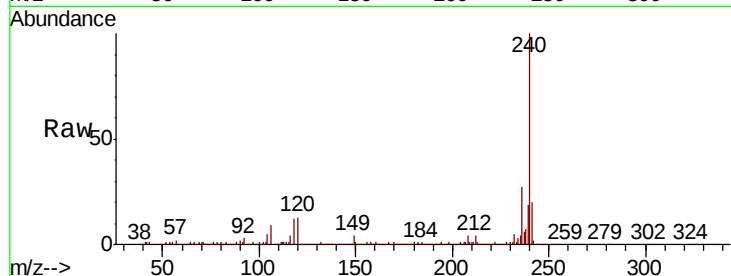




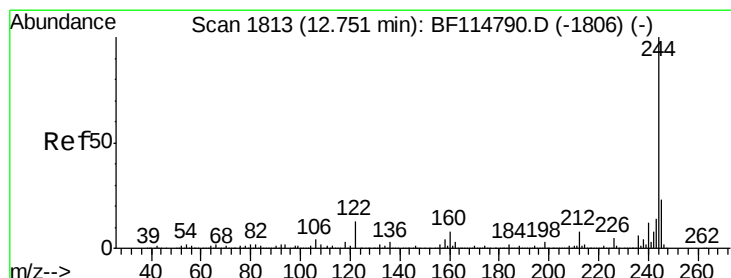
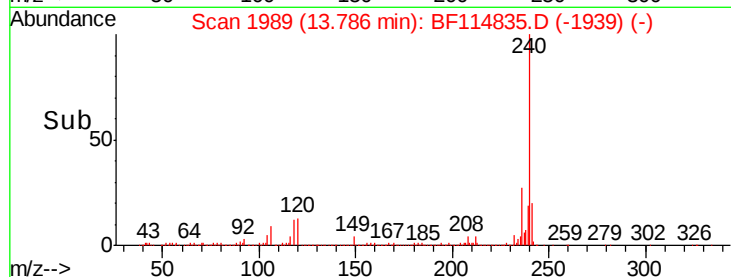
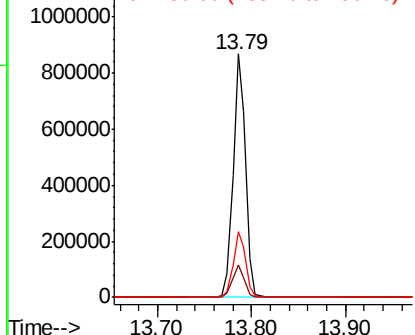
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

Instrument :
BNA_F
ClientSampleId :
S-8C

Tot Ion:240 Resp: 786447
Ion Ratio Lower Upper
240 100
120 13.1 9.0 13.4
236 27.1 21.4 32.0

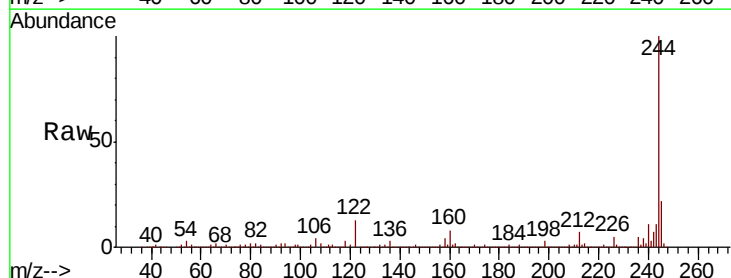


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

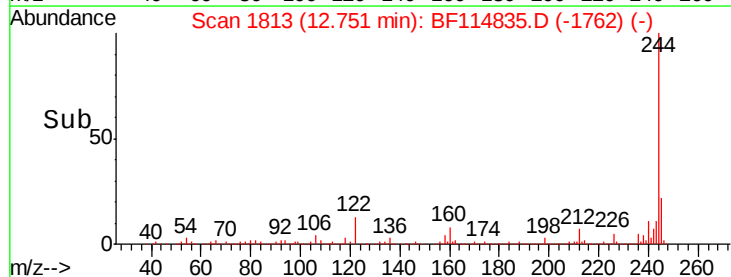
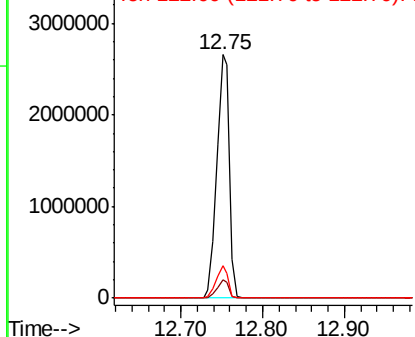


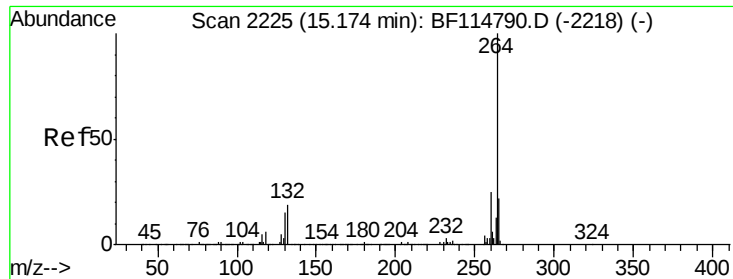
#79
Terphenyl-d14
Concen: 70.625 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

Tgt Ion:244 Resp: 2856045
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 13.3 10.5 15.7



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: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

Instrument :
BNA_F
ClientSampleId :
S-8C

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.0	17.7	26.5

