

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113718.D
 Acq On : 11 Apr 2019 14:12
 Operator : JU/SJ
 Sample : K2358-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Apr 12 01:38:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

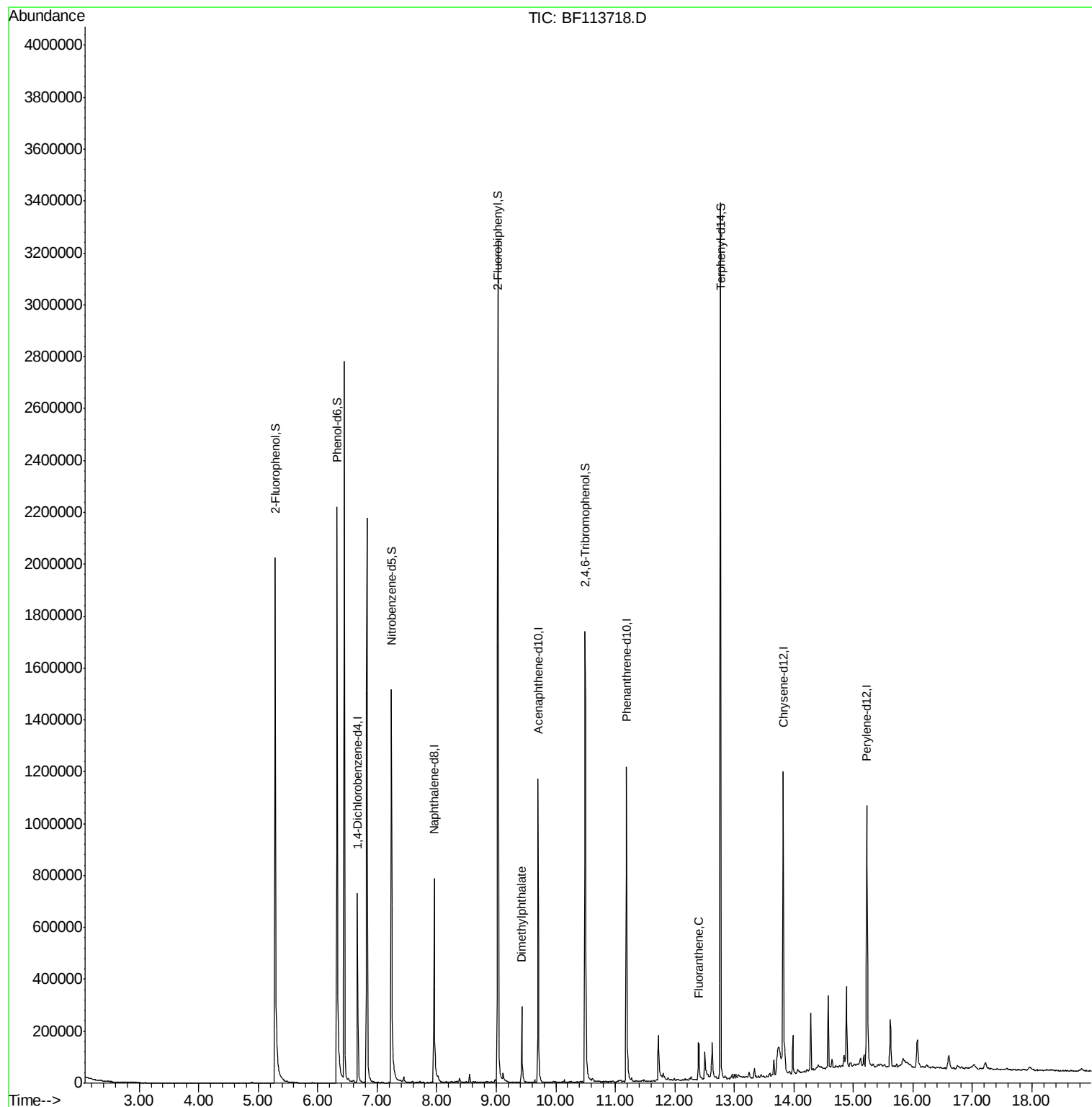
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	125445	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	474905	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	236851	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	510278	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	434284	20.00	ng	-0.02
87) Perylene-d12	15.23	264	402302	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	722949	98.27	ng	-0.01
7) Phenol-d6	6.33	99	955868	105.42	ng	-0.01
23) Nitrobenzene-d5	7.24	82	558504	68.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	281344	98.89	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1085547	73.79	ng	-0.02
79) Terphenyl-d14	12.77	244	1283960	60.19	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.43	163	143609	8.225	ng	Qvalue 100
75) Fluoranthene	12.40	202	72283	2.660	ng	99

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

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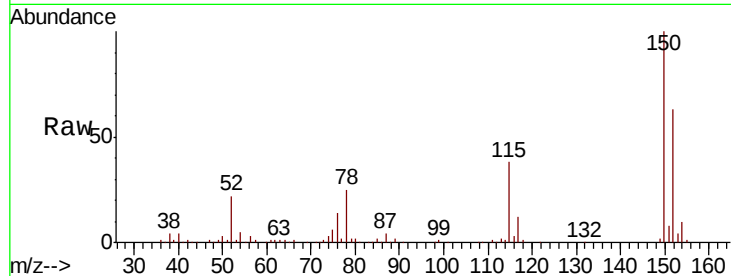


#1

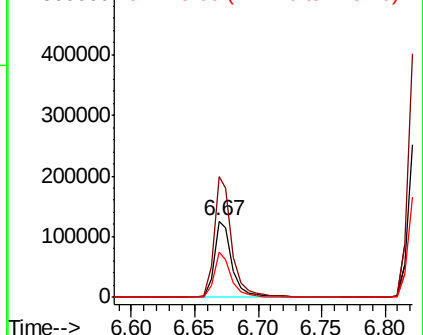
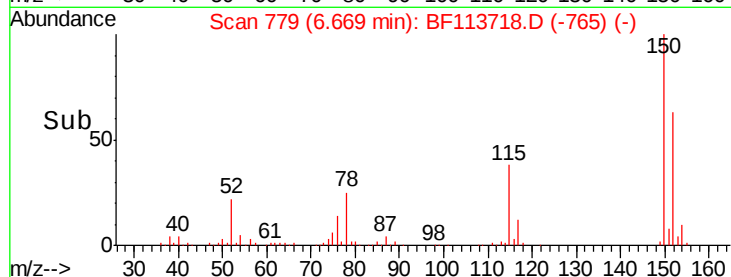
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF113718.D
 Acq: 11 Apr 2019 14:12

Instrument :
 BNA_F
 ClientSampled :
 TP-9

Tot Ion:152 Resp: 125445
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.7 187.1
 115 59.4 46.0 69.0



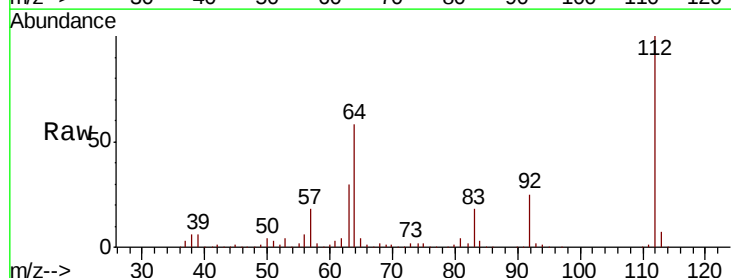
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



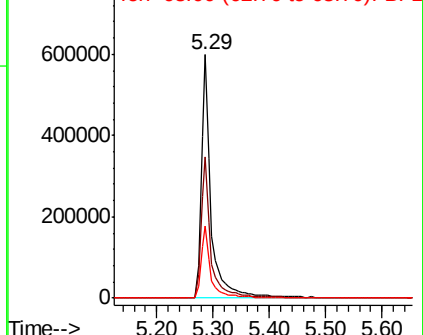
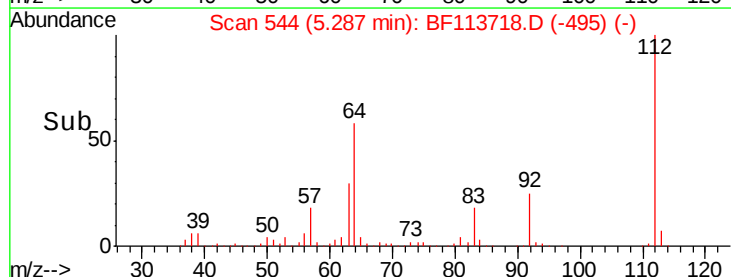
#5

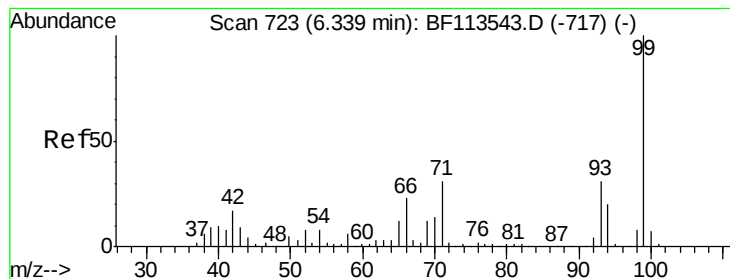
2-Fluorophenol
 Concen: 98.274 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF113718.D
 Acq: 11 Apr 2019 14:12

Tgt Ion:112 Resp: 722949
 Ion Ratio Lower Upper
 112 100
 64 57.9 49.2 73.8
 63 29.7 24.9 37.3



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: 105.424 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113718.D

Acq: 11 Apr 2019 14:12

Instrument :

BNA_F

ClientSampleId :

TP-9

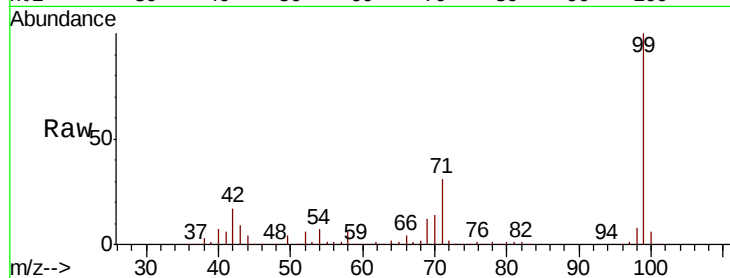
Tot Ion: 99 Resp: 955868

Ion Ratio Lower Upper

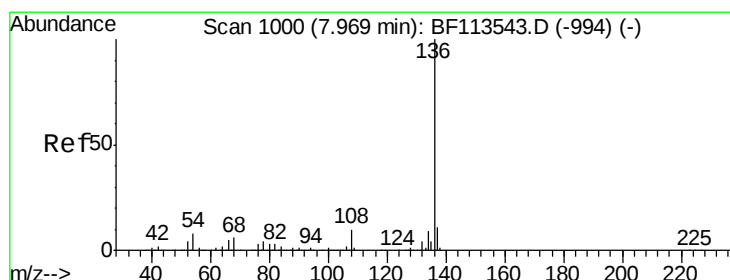
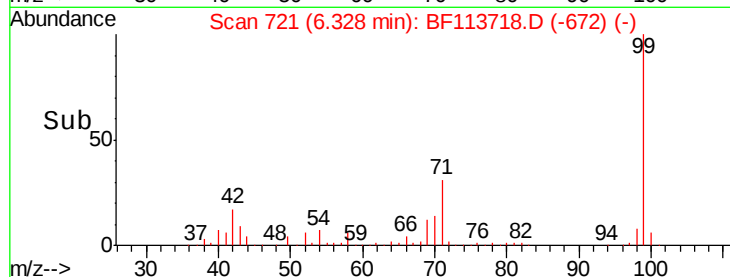
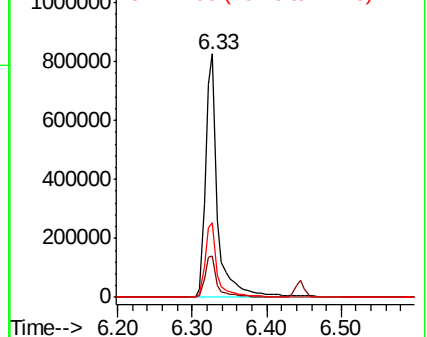
99 100

42 17.1 14.8 22.2

71 30.9 24.9 37.3



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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113718.D

Acq: 11 Apr 2019 14:12

Tgt Ion: 136 Resp: 474905

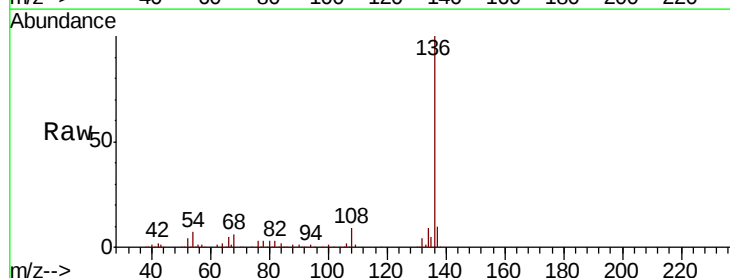
Ion Ratio Lower Upper

136 100

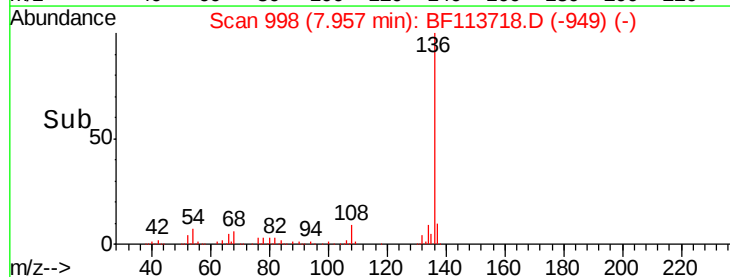
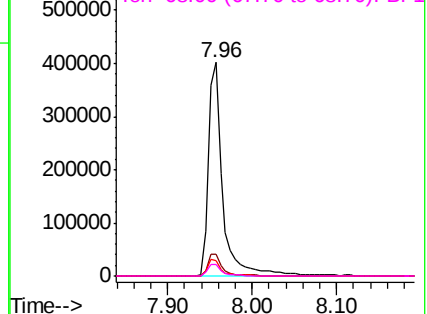
137 10.5 8.9 13.3

54 7.3 7.0 10.6

68 5.5 4.8 7.2



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

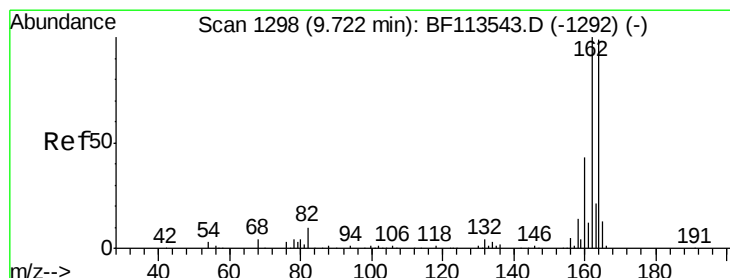
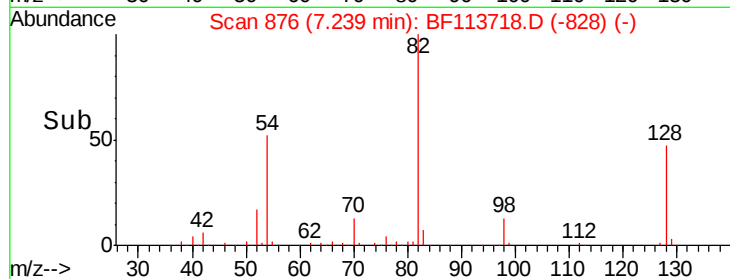
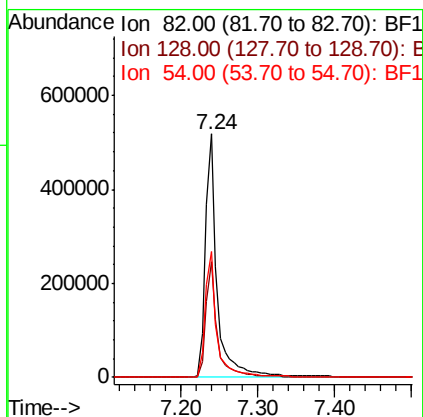
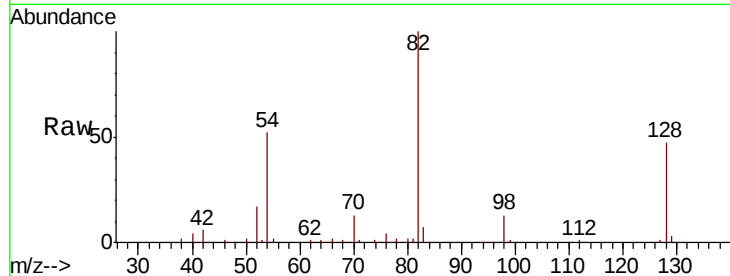




#23
Nitrobenzene-d5
Concen: 68.886 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113718.D
Acq: 11 Apr 2019 14:12

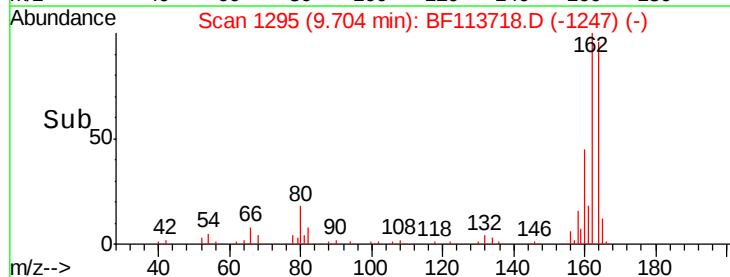
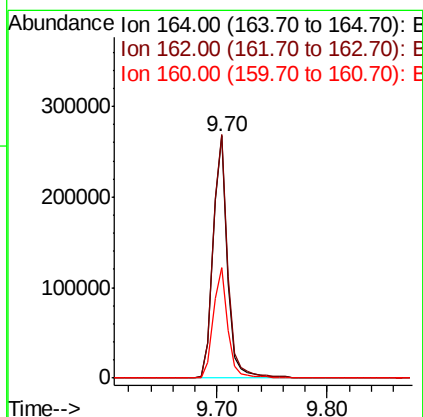
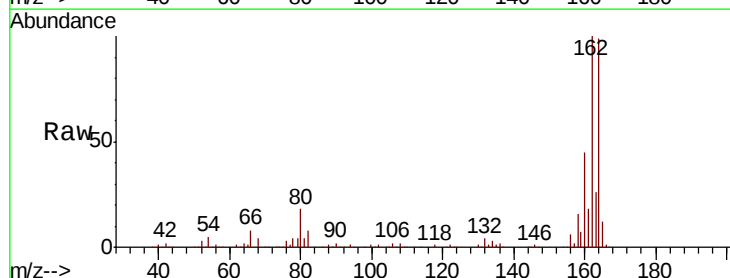
Instrument :
BNA_F
ClientSampleId :
TP-9

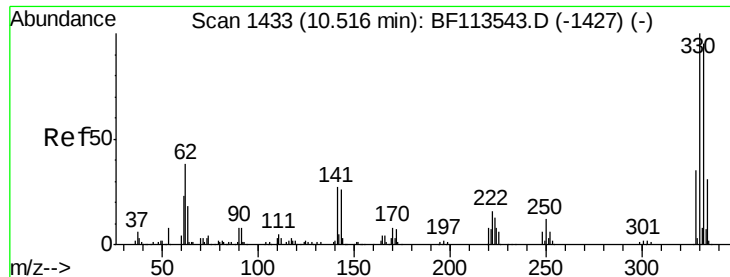
Tot Ion: 82 Resp: 558504
Ion Ratio Lower Upper
82 100
128 47.5 36.5 54.7
54 51.8 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113718.D
Acq: 11 Apr 2019 14:12

Tgt Ion: 164 Resp: 236851
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.6
160 45.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 98.885 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113718.D

Acq: 11 Apr 2019 14:12

Instrument :

BNA_F

ClientSampleId :

TP-9

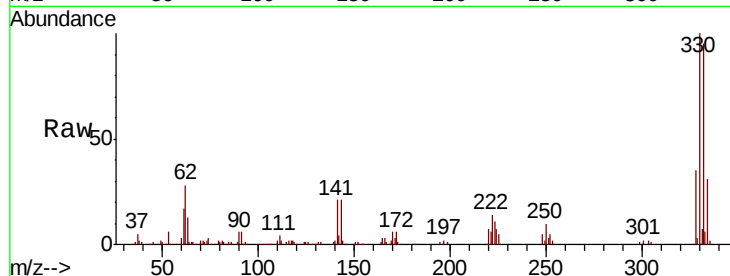
Tot Ion:330 Resp: 281344

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

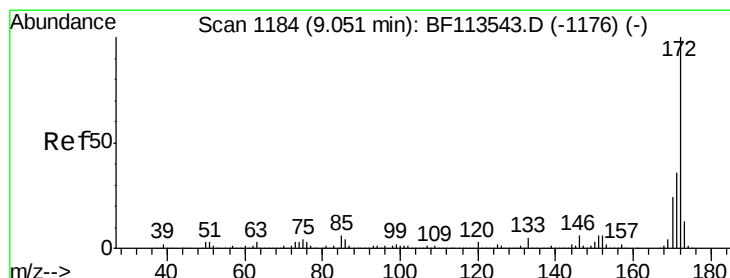
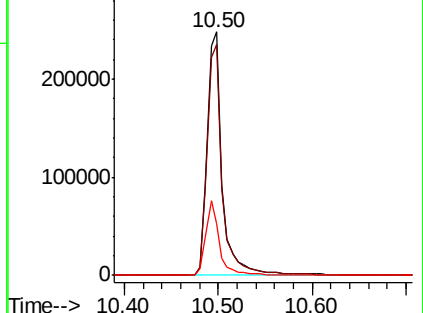
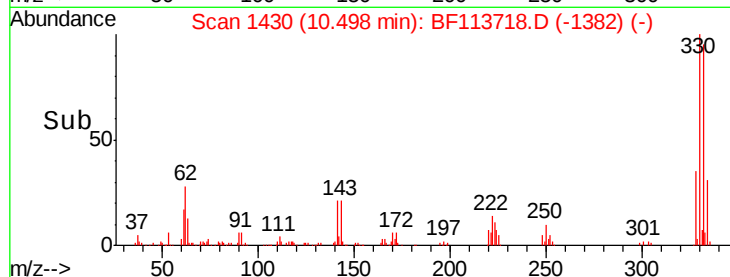
141 27.6 22.7 34.1



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: 73.785 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF113718.D

Acq: 11 Apr 2019 14:12

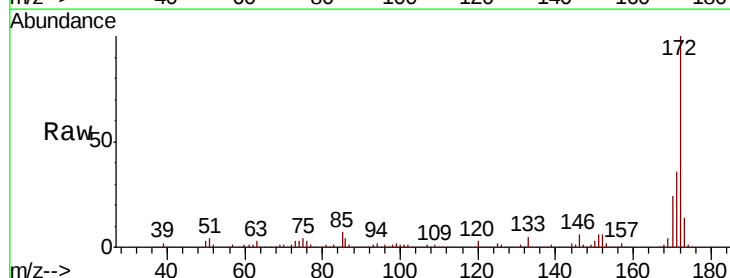
Tgt Ion:172 Resp: 1085547

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

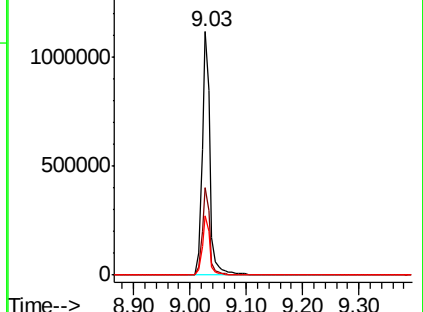
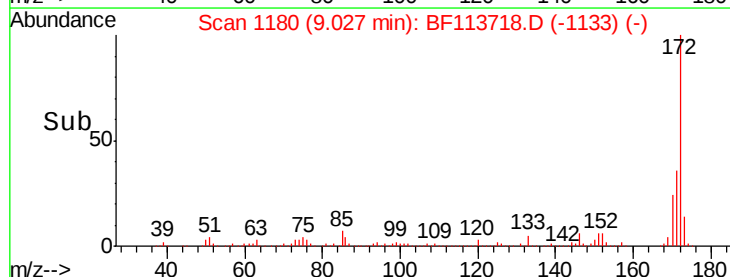
170 24.2 19.5 29.3

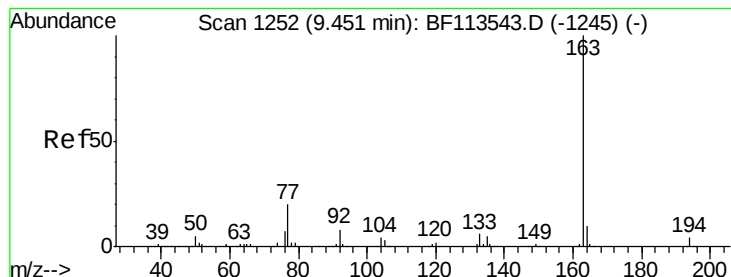


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.225 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113718.D

Acq: 11 Apr 2019 14:12

Instrument :

BNA_F

ClientSampleId :

TP-9

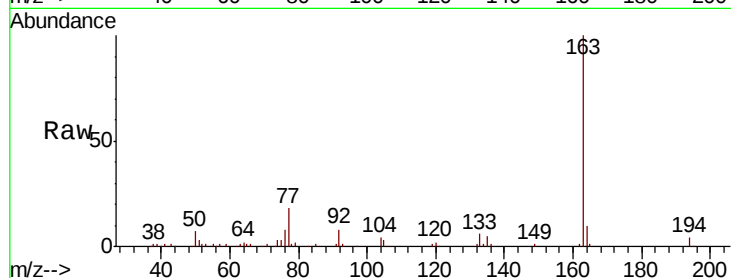
Tot Ion:163 Resp: 143609

Ion Ratio Lower Upper

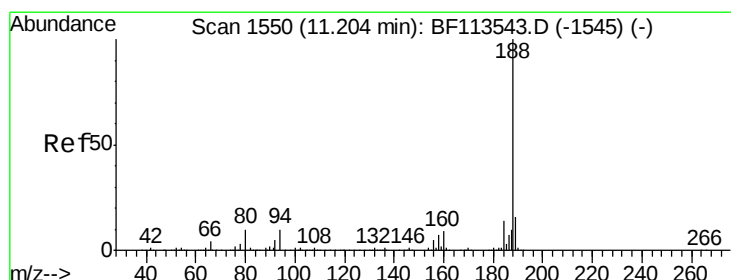
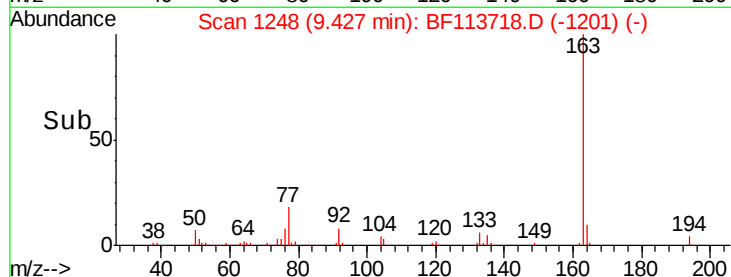
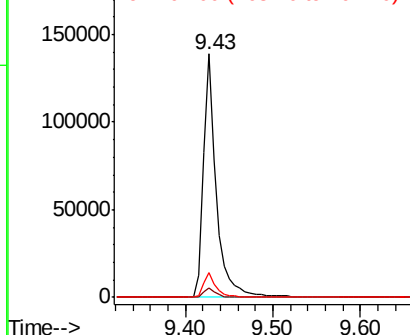
163 100

194 3.8 3.0 4.6

164 10.0 8.1 12.1



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: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113718.D

Acq: 11 Apr 2019 14:12

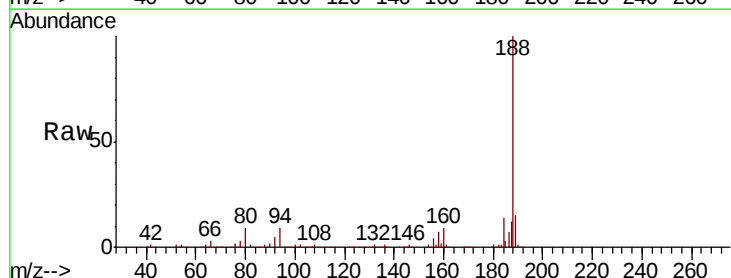
Tgt Ion:188 Resp: 510278

Ion Ratio Lower Upper

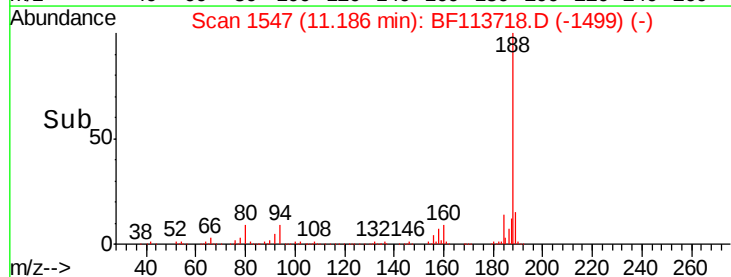
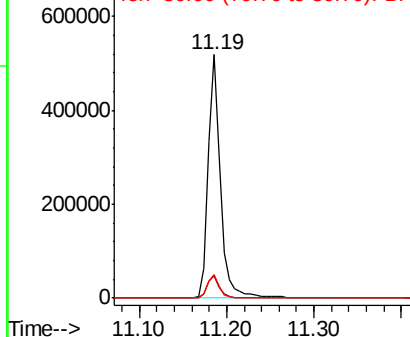
188 100

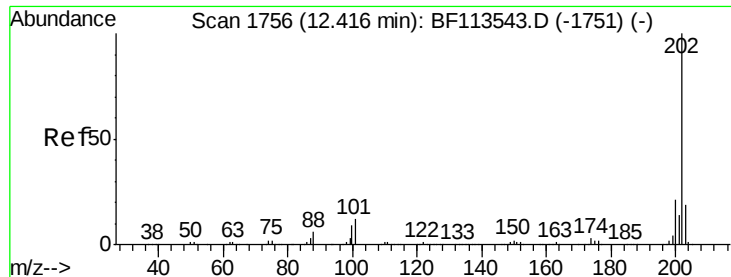
94 8.9 7.0 10.6

80 9.4 7.7 11.5



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

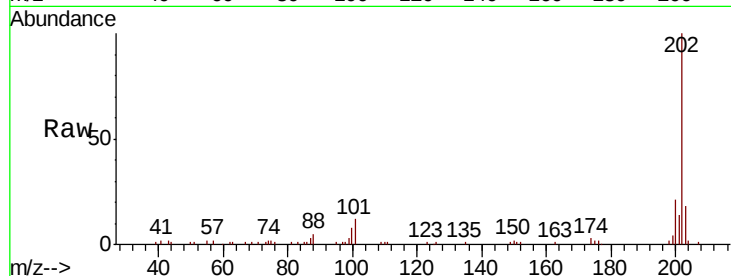




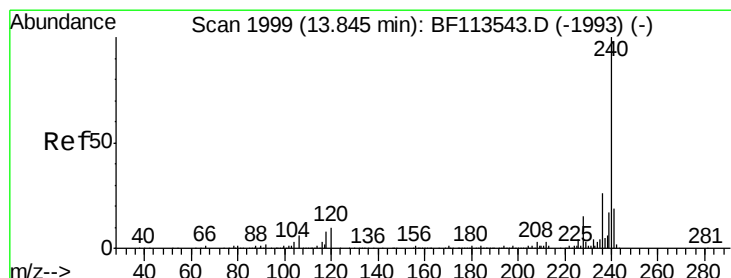
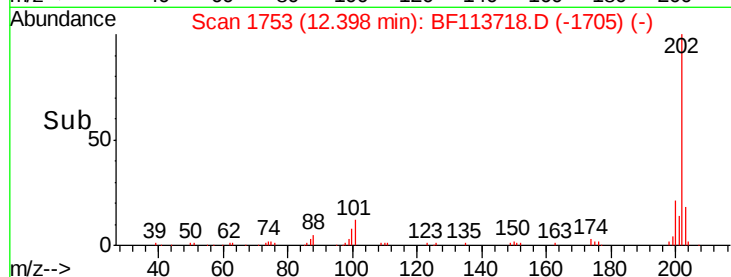
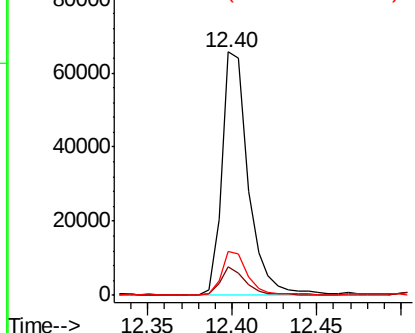
#75
Fluoranthene
Concen: 2.660 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF113718.D
Acq: 11 Apr 2019 14:12

Instrument :
BNA_F
ClientSampleId :
TP-9

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	17.9	0.0	38.0

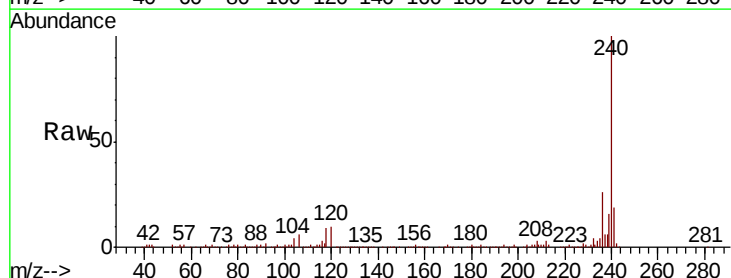


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

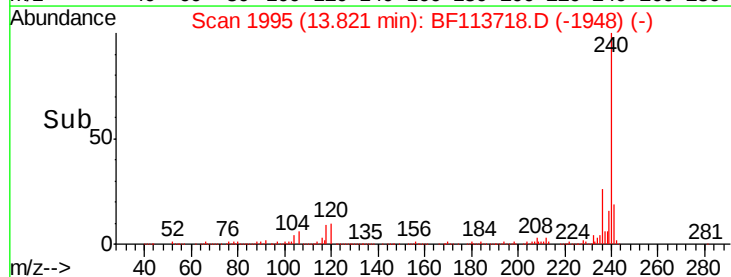
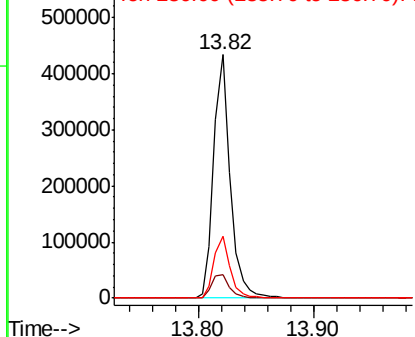


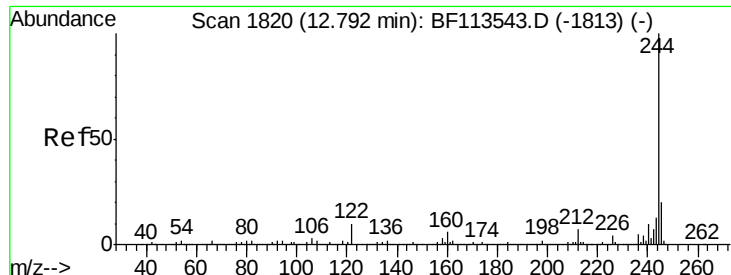
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113718.D
Acq: 11 Apr 2019 14:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.8	13.2
236	25.6	20.9	31.3



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: 60.195 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113718.D

Acq: 11 Apr 2019 14:12

Instrument :

BNA_F

ClientSampleId :

TP-9

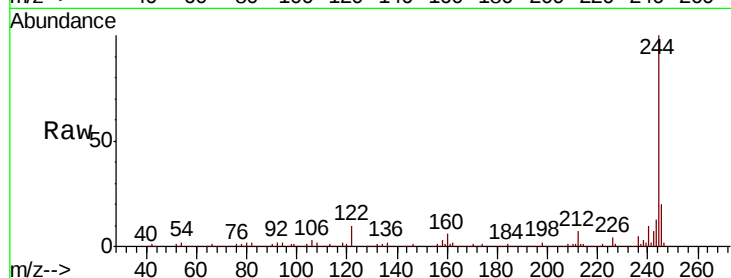
Tot Ion:244 Resp: 1283960

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

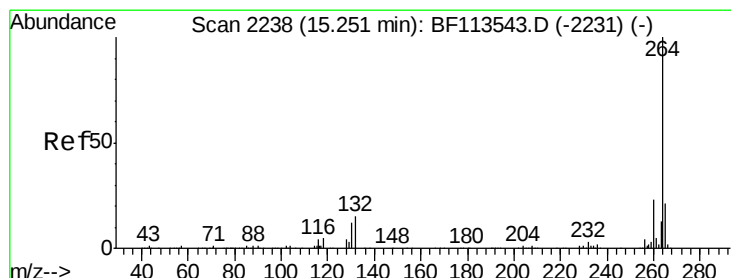
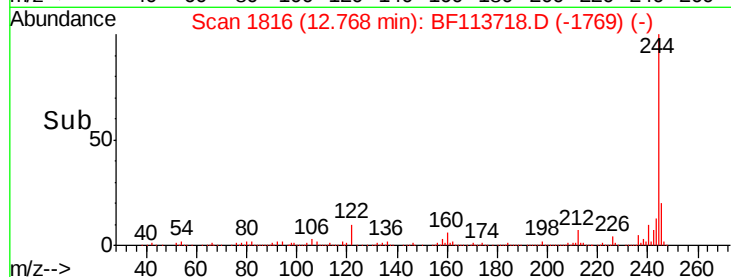
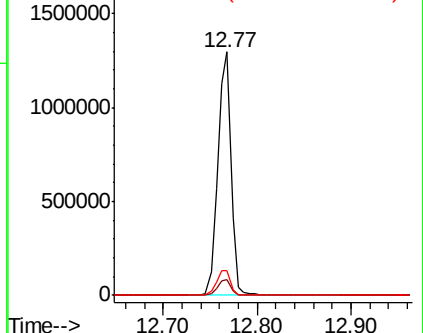
122 10.2 8.6 13.0



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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113718.D

Acq: 11 Apr 2019 14:12

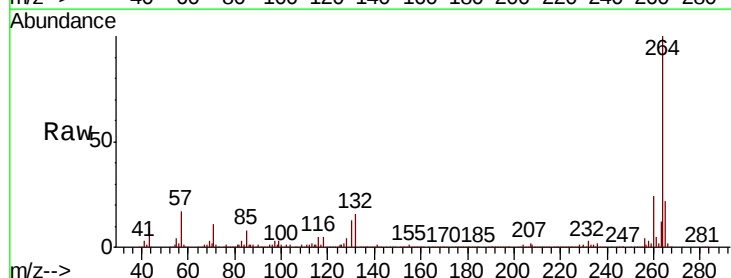
Tgt Ion:264 Resp: 402302

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.8 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

