

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114242.D
 Acq On : 13 May 2019 21:03
 Operator : JU/SJ
 Sample : K2823-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11-B

Quant Time: May 14 08:02:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

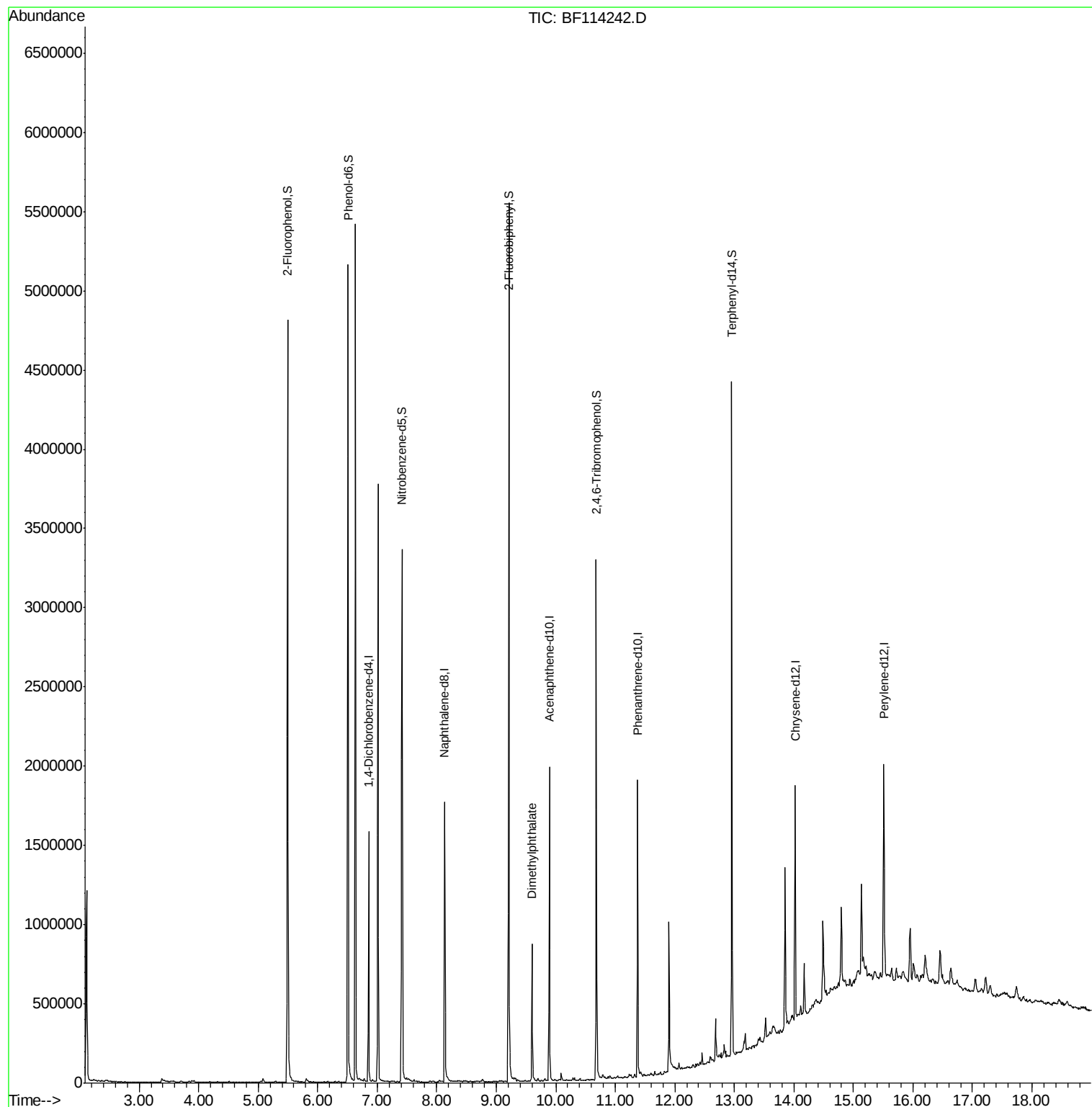
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	221948	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	835495	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	391782	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	711601	20.00	ng	0.00
76) Chrysene-d12	14.02	240	482701	20.00	ng	0.00
87) Perylene-d12	15.51	264	495960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1391842	100.92	ng	0.02
7) Phenol-d6	6.51	99	1826071	111.95	ng	0.02
23) Nitrobenzene-d5	7.42	82	1079803	72.53	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	402350	99.34	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1723173	66.53	ng	0.00
79) Terphenyl-d14	12.96	244	1490433	63.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	359465	12.499	ng	Qvalue 100

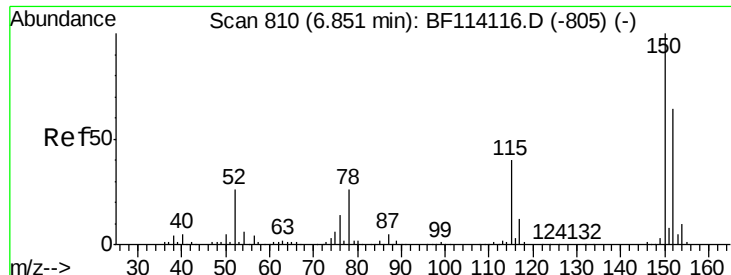
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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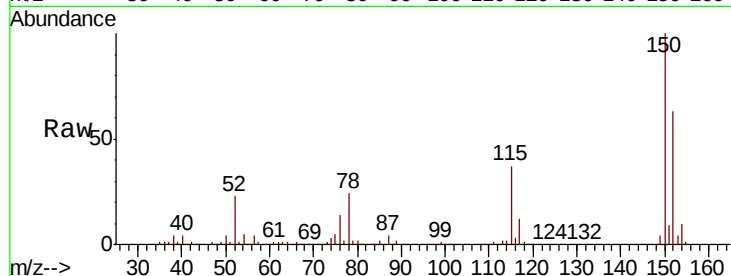


#1

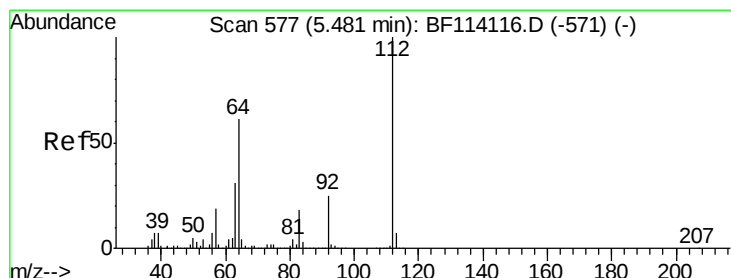
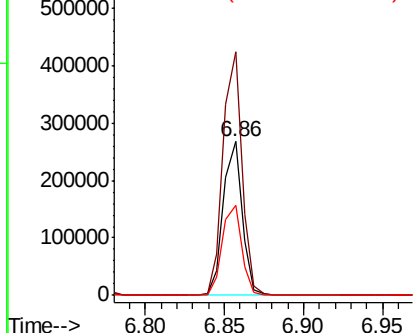
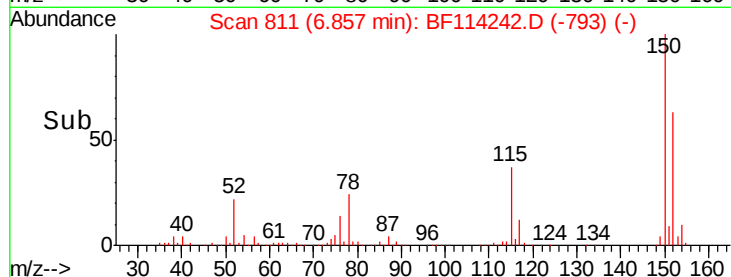
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114242.D
Acq: 13 May 2019 21:03

Instrument :
BNA_F
ClientSampleId :
11-B

Tot Ion:152 Resp: 221948
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 58.3 49.1 73.7



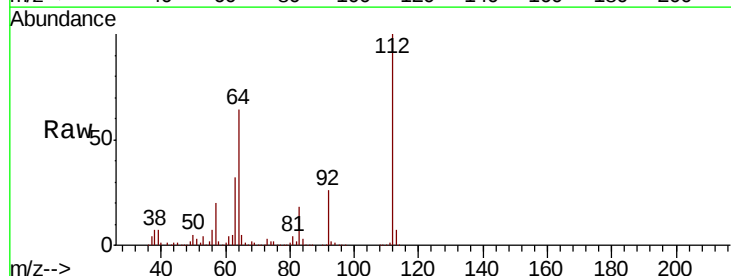
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



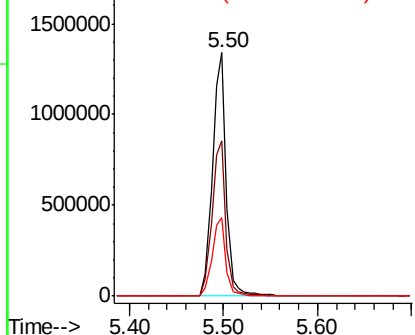
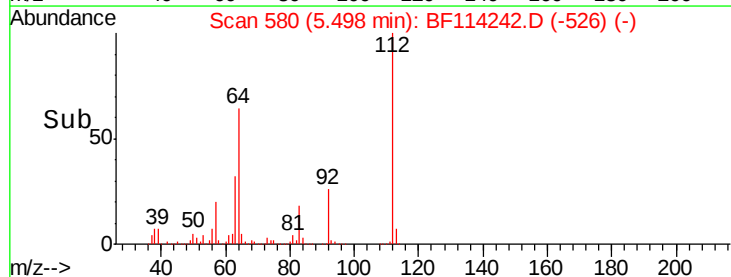
#5

2-Fluorophenol
Concen: 100.917 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114242.D
Acq: 13 May 2019 21:03

Tgt Ion:112 Resp: 1391842
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.6
63 32.0 24.6 37.0



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: 111.946 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114242.D

Acq: 13 May 2019 21:03

Instrument :

BNA_F

ClientSampleId :

11-B

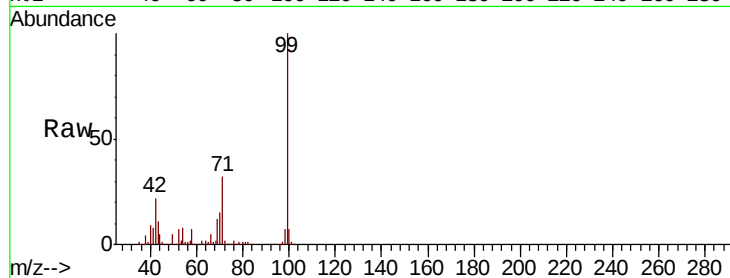
Tot Ion: 99 Resp: 1826071

Ion Ratio Lower Upper

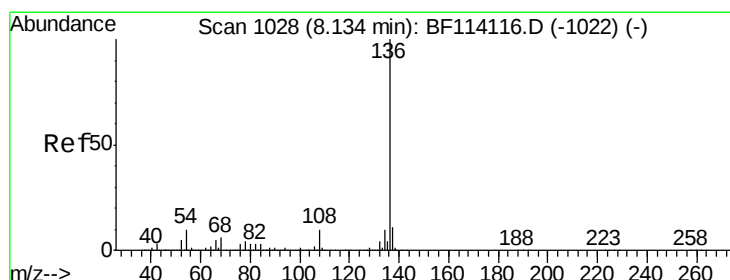
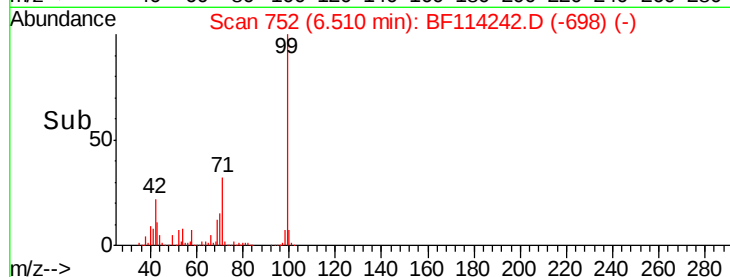
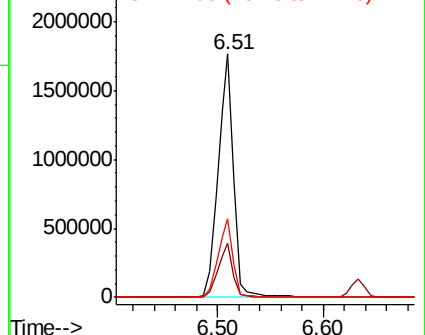
99 100

42 22.1 17.9 26.9

71 32.4 26.2 39.2



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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114242.D

Acq: 13 May 2019 21:03

Tgt Ion: 136 Resp: 835495

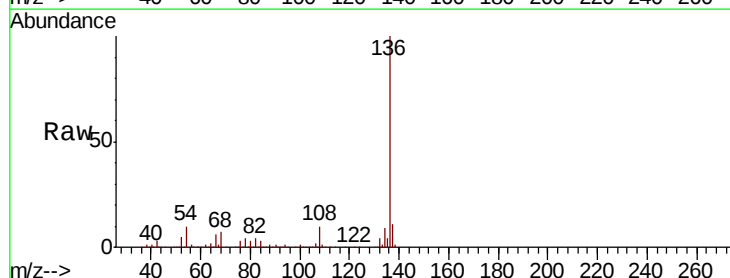
Ion Ratio Lower Upper

136 100

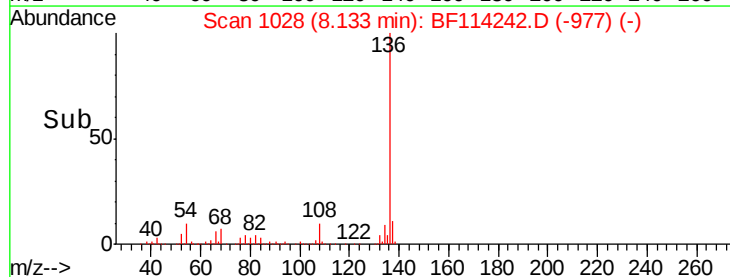
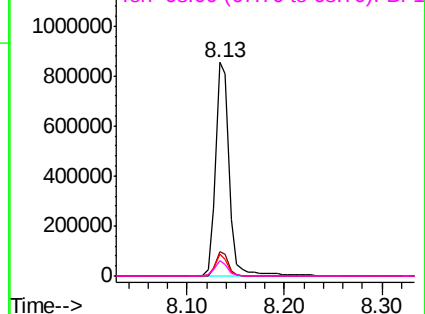
137 11.4 8.8 13.2

54 10.3 7.8 11.8

68 7.0 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

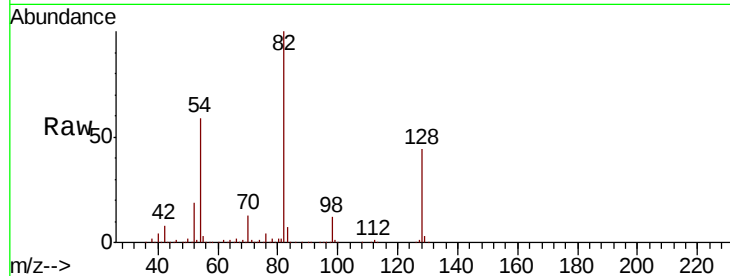




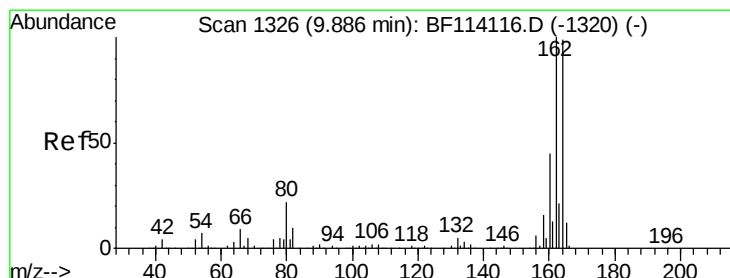
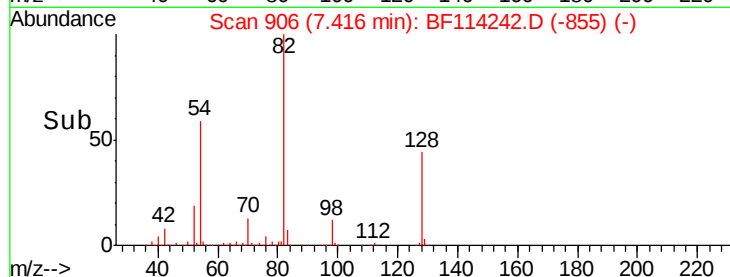
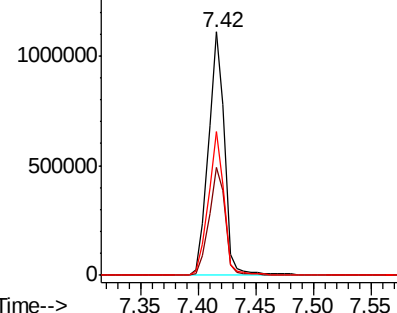
#23
 Nitrobenzene-d5
 Concen: 72.530 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114242.D
 Acq: 13 May 2019 21:03

Instrument :
 BNA_F
 ClientSampled :
 11-B

Tot Ion: 82 Resp: 1079803
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.5 53.3
 54 59.0 48.5 72.7

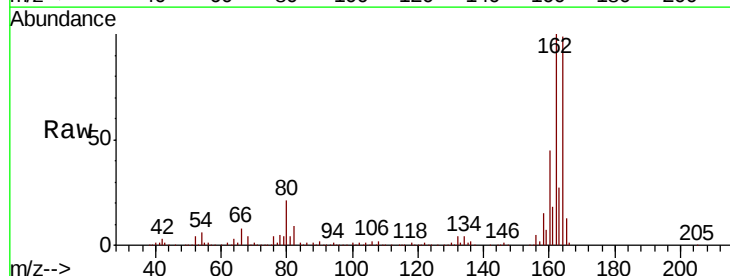


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

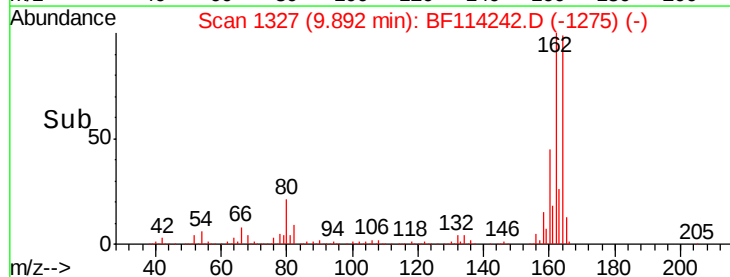
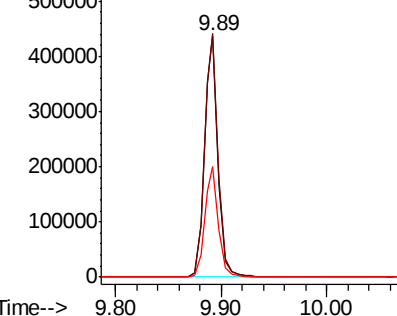


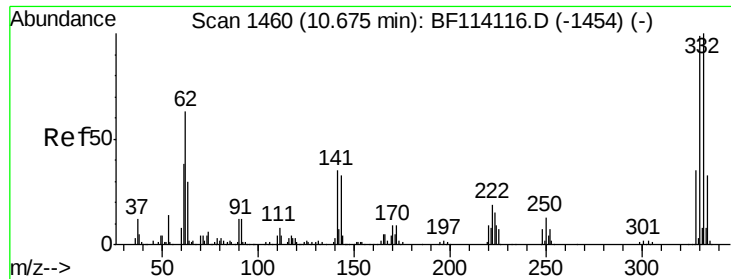
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114242.D
 Acq: 13 May 2019 21:03

Tgt Ion:164 Resp: 391782
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.6 120.8
 160 45.8 36.5 54.7



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

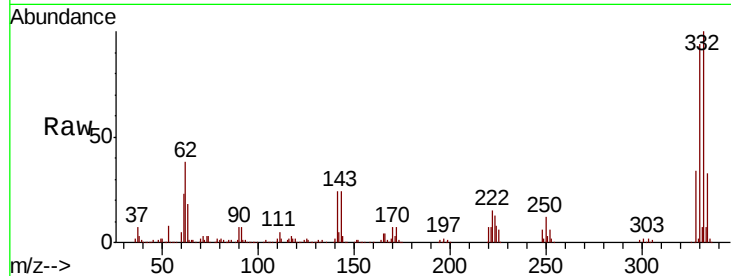




#42
 2,4,6-Tribromophenol
 Concen: 99.337 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF114242.D
 Acq: 13 May 2019 21:03

Instrument :
 BNA_F
 ClientSampleID :
 11-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.9	81.4	122.2
141	33.0	26.6	40.0

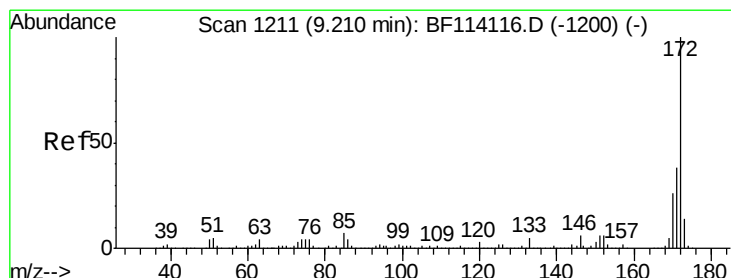
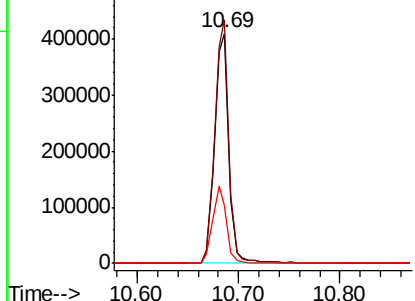
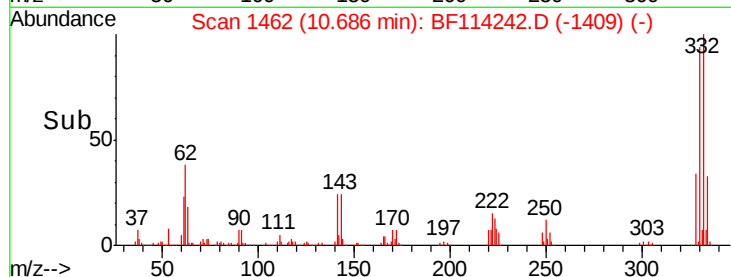


Abundance

Ion 329.80 (329.50 to 330.50): E

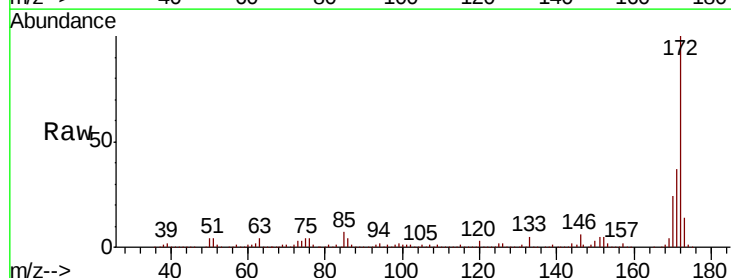
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.532 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114242.D
 Acq: 13 May 2019 21:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.3	20.5	30.7

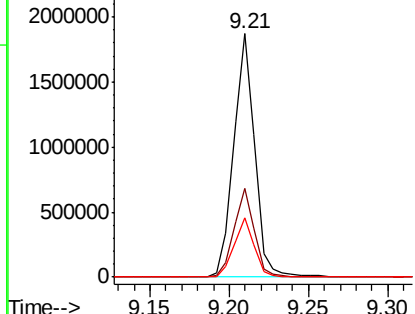
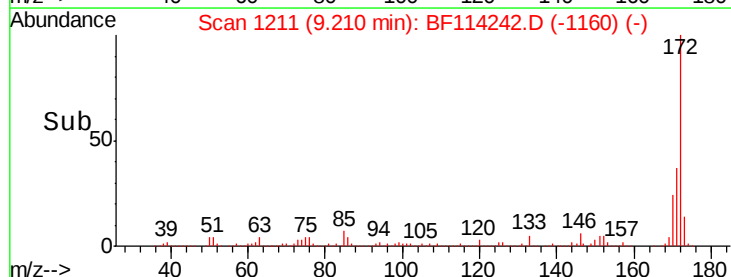


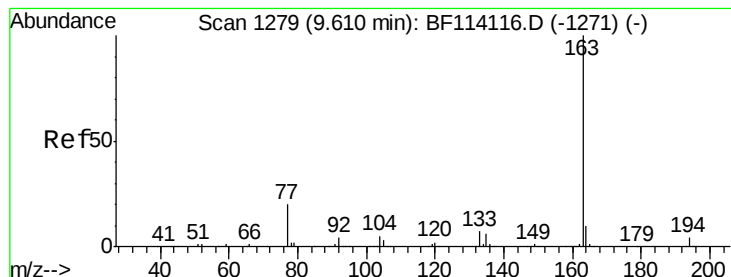
Abundance

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: 12.499 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114242.D

Acq: 13 May 2019 21:03

Instrument :

BNA_F

ClientSampled :

11-B

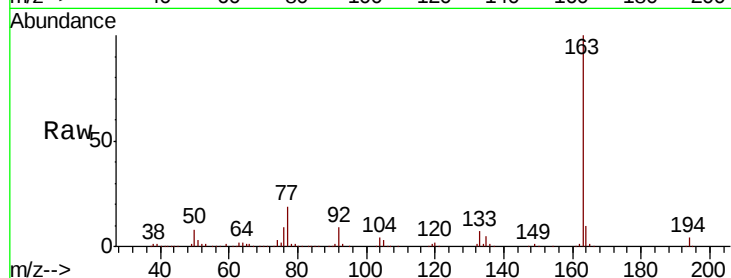
Tot Ion:163 Resp: 359465

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

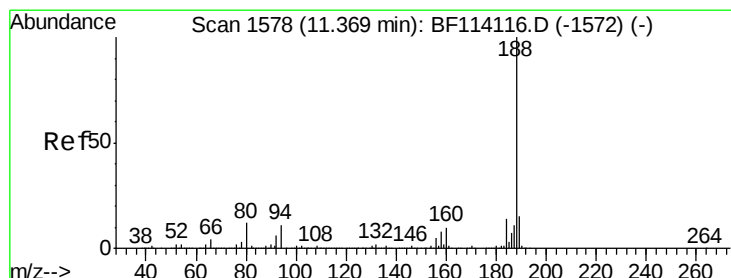
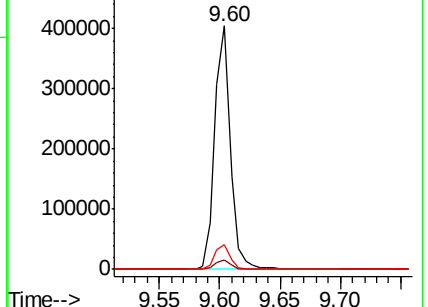
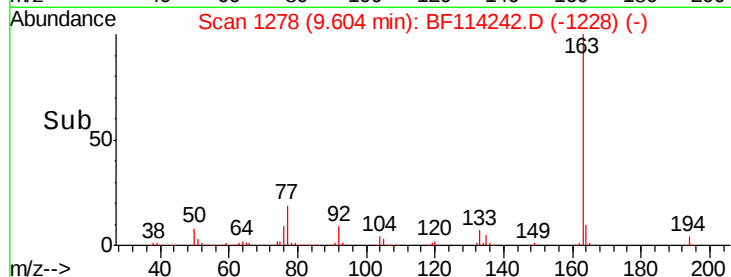
164 10.0 8.2 12.2



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: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114242.D

Acq: 13 May 2019 21:03

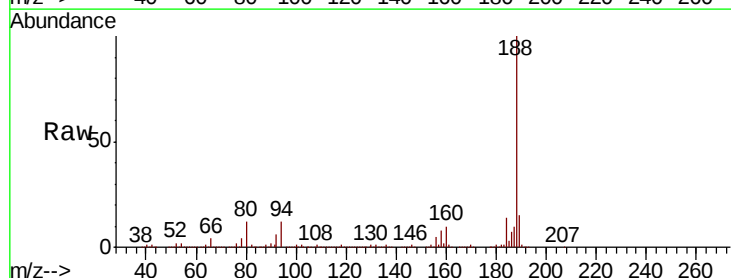
Tgt Ion:188 Resp: 711601

Ion Ratio Lower Upper

188 100

94 11.6 8.4 12.6

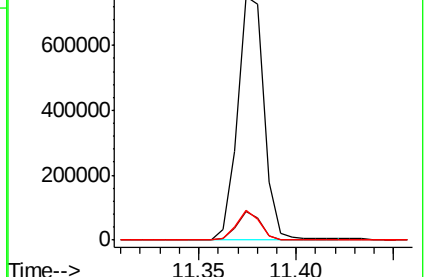
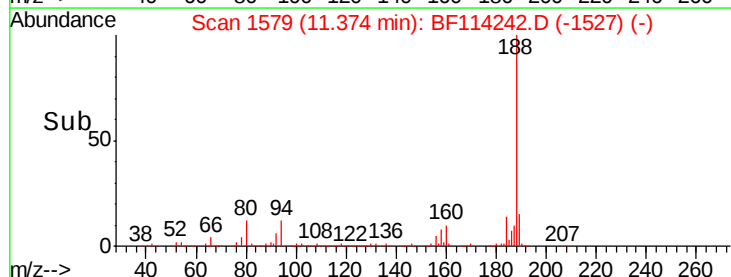
80 12.0 9.2 13.8

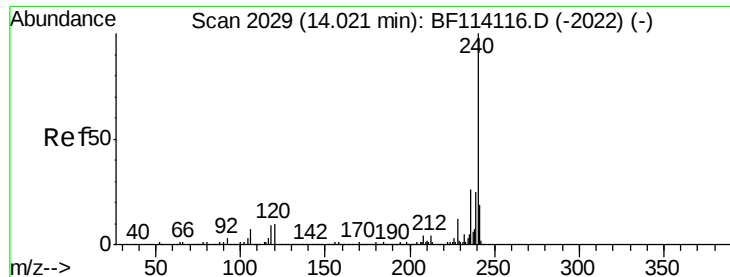


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

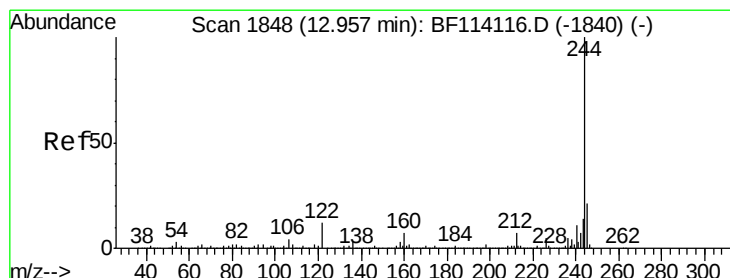
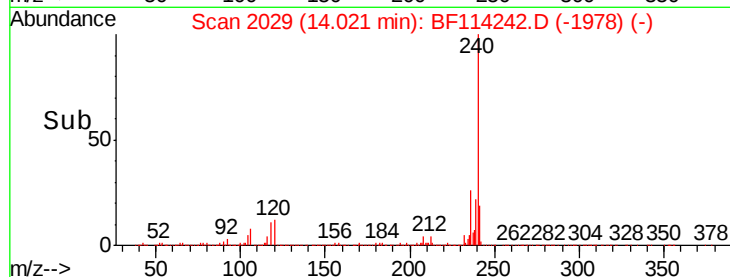
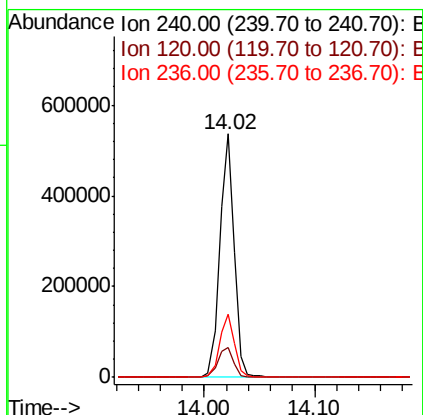
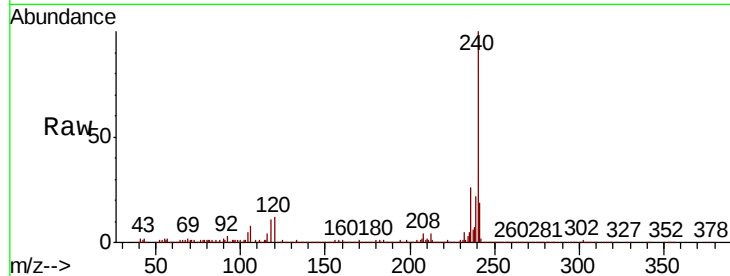




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114242.D
Acq: 13 May 2019 21:03

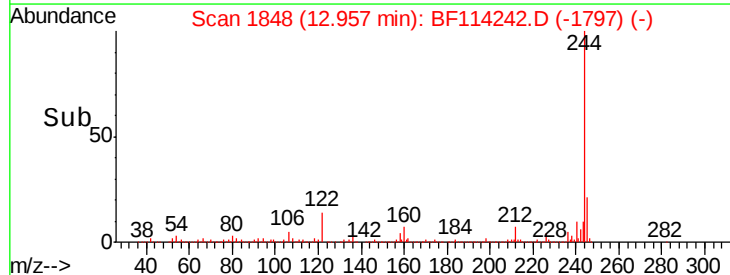
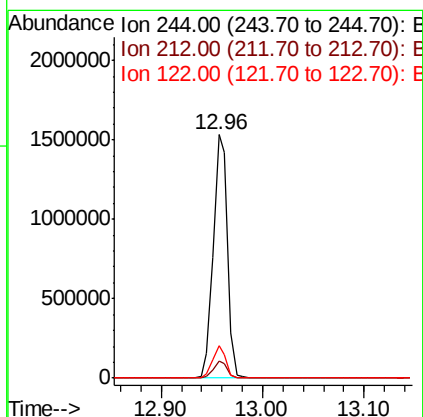
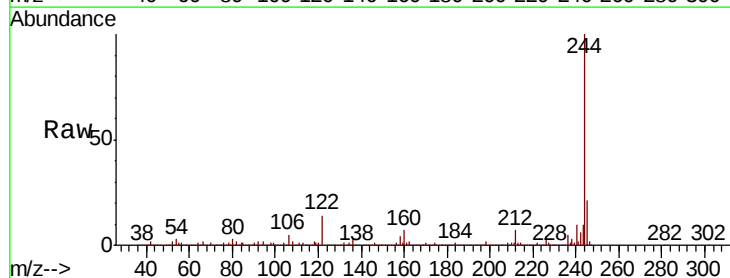
Instrument :
BNA_F
ClientSampleId :
11-B

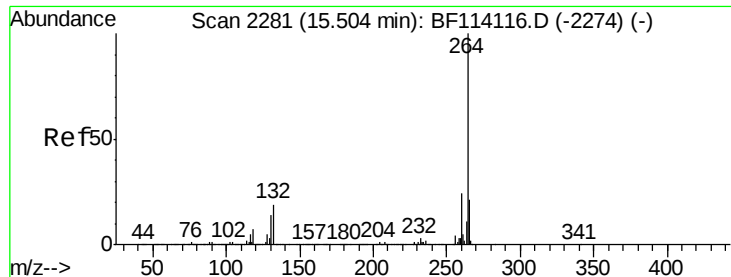
Tot Ion:240 Resp: 482701
Ion Ratio Lower Upper
240 100
120 12.5 8.3 12.5
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 63.651 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114242.D
Acq: 13 May 2019 21:03

Tgt Ion:244 Resp: 1490433
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 13.6 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF114242.D
Acq: 13 May 2019 21:03

Instrument :
BNA_F
ClientSampleId :
11-B

Tot Ion:264 Resp: 495960
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.0
265 21.5 16.9 25.3

