

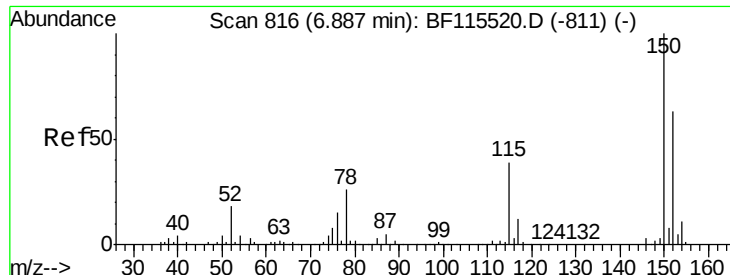
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115708.D
 Acq On : 22 Jul 2019 14:45
 Operator : HP/JU
 Sample : K3617-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-A

Quant Time: Jul 23 02:05:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	168074	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	635071	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	327057	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	514027	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	361848	20.00	ng	-0.01
87) Perylene-d12	15.52	264	433006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1038537	101.07	ng	0.00
7) Phenol-d6	6.51	99	1256562	96.38	ng	0.00
23) Nitrobenzene-d5	7.43	82	785566	71.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	292835	76.71	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1377682	73.73	ng	-0.02
79) Terphenyl-d14	12.99	244	1195876	60.98	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	198890	8.083	ng	Qvalue 98

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

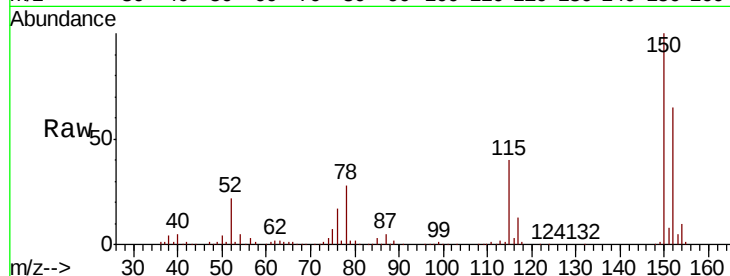


#1

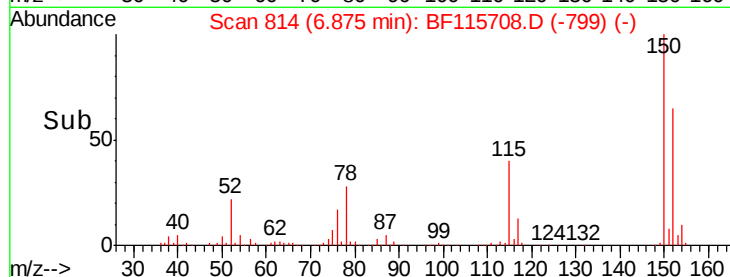
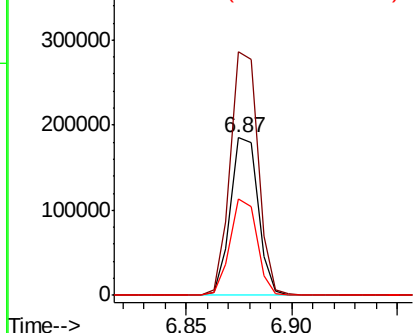
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115708.D
Acq: 22 Jul 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

Tot Ion:152 Resp: 168074
Ion Ratio Lower Upper
152 100
150 154.3 129.7 194.5
115 61.3 48.2 72.4



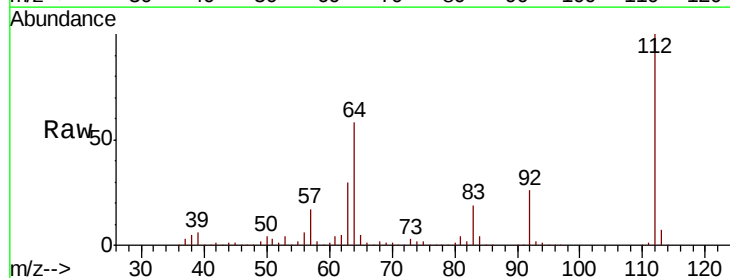
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



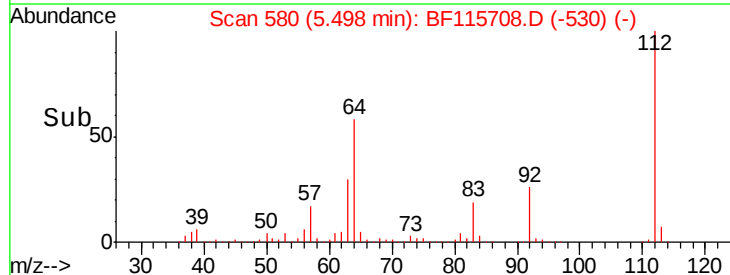
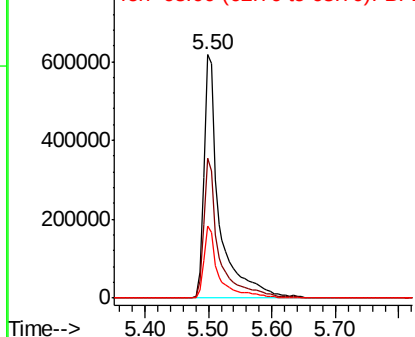
#5

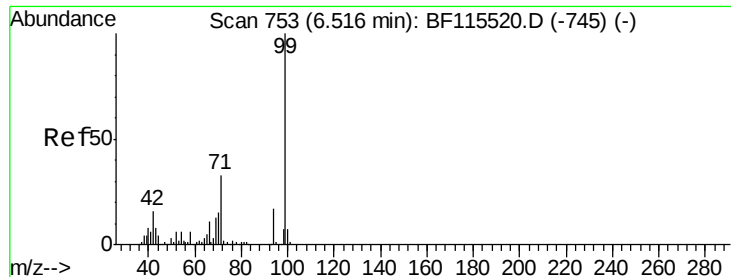
2-Fluorophenol
Concen: 101.071 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115708.D
Acq: 22 Jul 2019 14:45

Tgt Ion:112 Resp: 1038537
Ion Ratio Lower Upper
112 100
64 57.6 46.8 70.2
63 29.8 24.1 36.1



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: 96.376 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-A

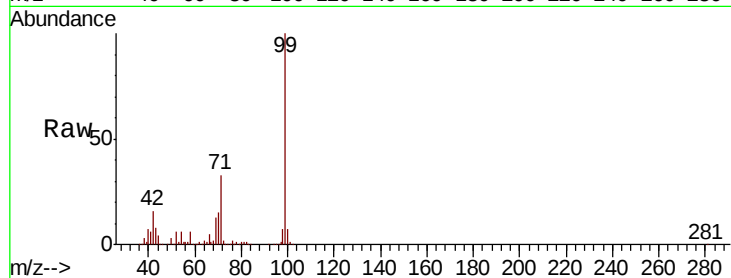
Tot Ion: 99 Resp: 1256562

Ion Ratio Lower Upper

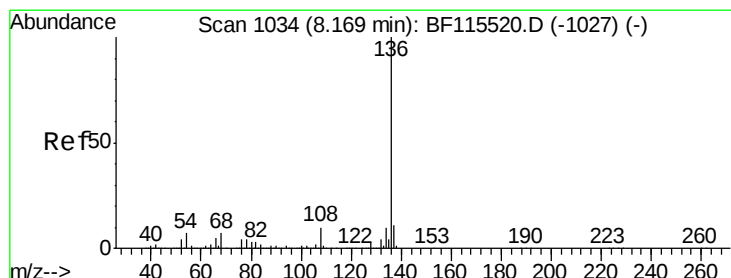
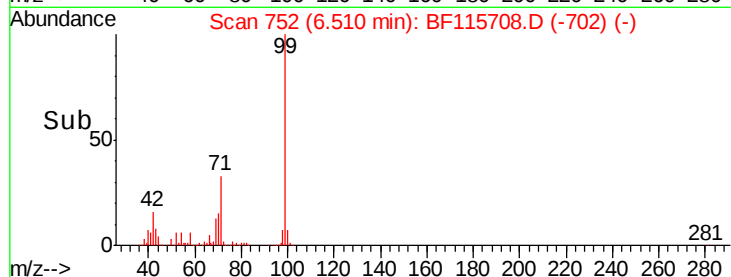
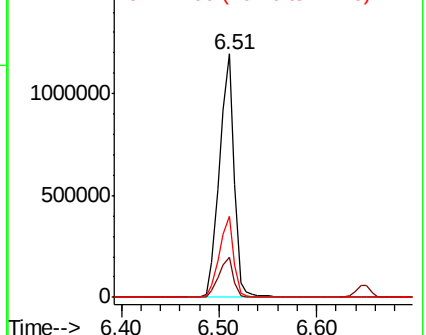
99 100

42 16.3 13.6 20.4

71 33.4 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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

Tgt Ion: 136 Resp: 635071

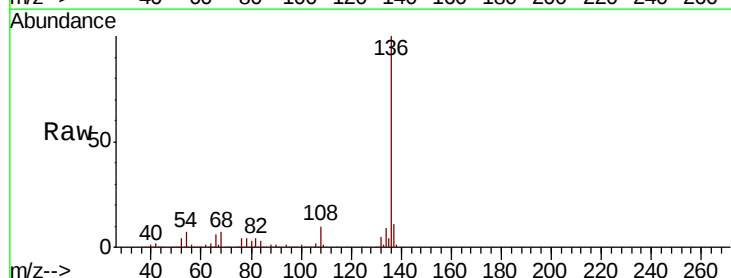
Ion Ratio Lower Upper

136 100

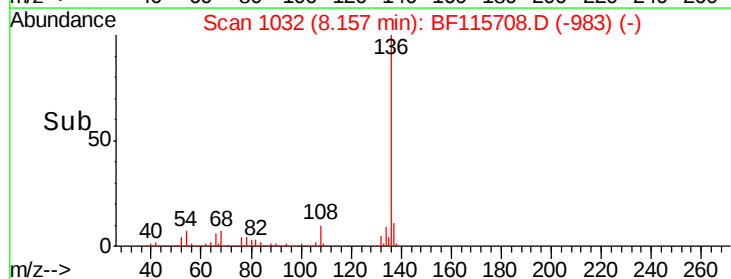
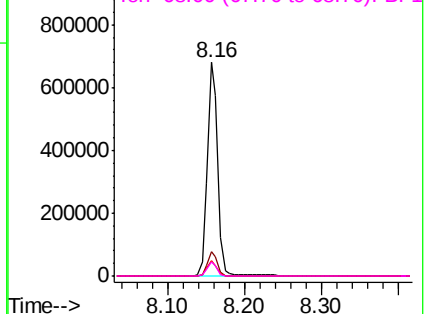
137 11.4 9.0 13.4

54 7.3 5.6 8.4

68 6.6 5.0 7.6



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: 71.926 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-A

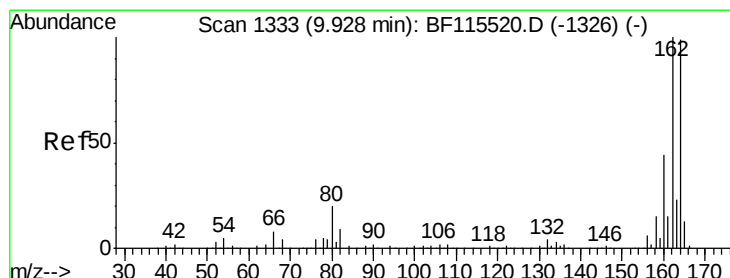
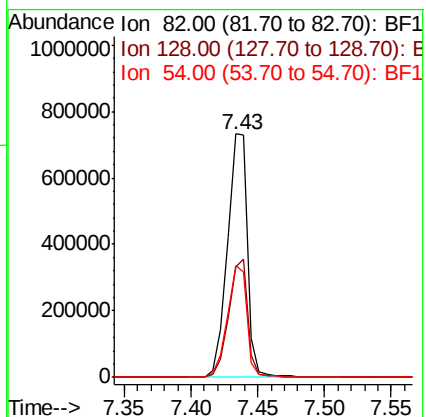
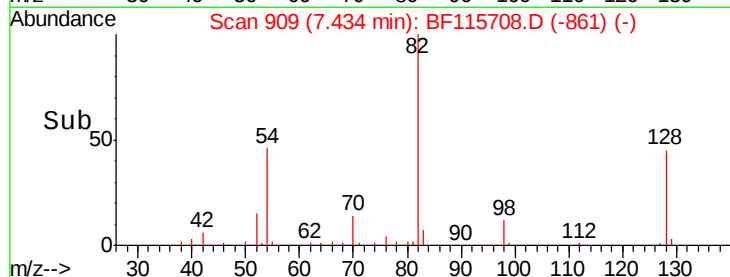
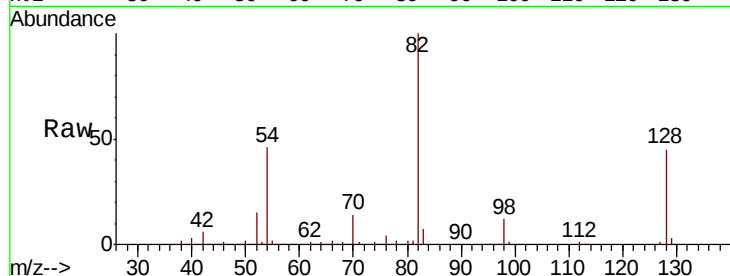
Tot Ion: 82 Resp: 785566

Ion Ratio Lower Upper

82 100

128 45.4 38.6 57.8

54 46.0 35.6 53.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

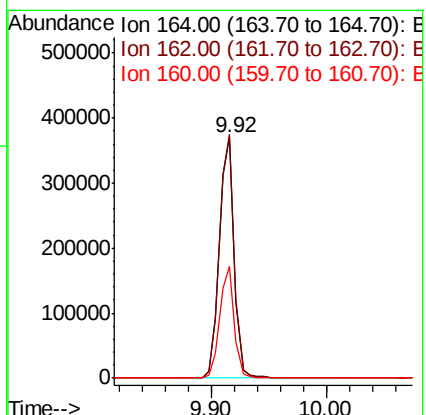
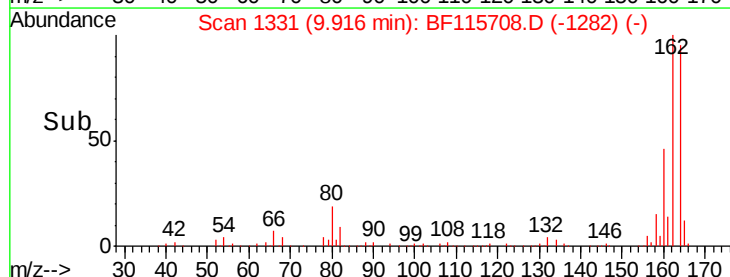
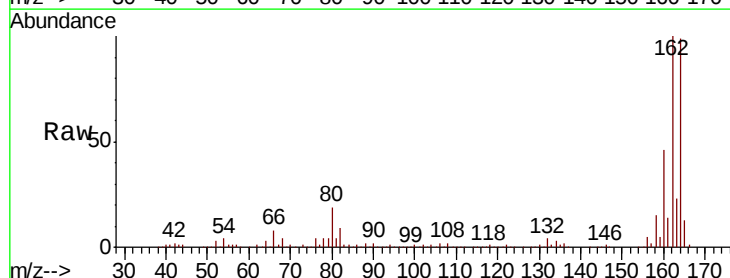
Tgt Ion: 164 Resp: 327057

Ion Ratio Lower Upper

164 100

162 101.2 82.9 124.3

160 46.2 36.8 55.2

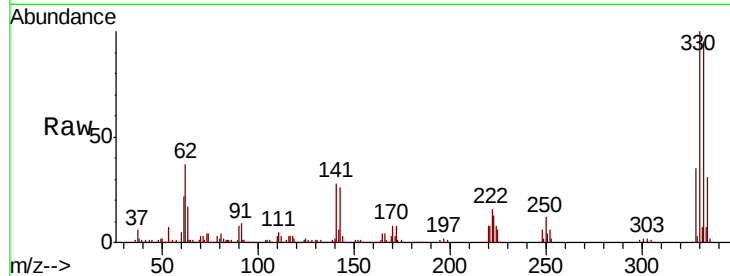




#42
 2,4,6-Tribromophenol
 Concen: 76.708 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115708.D
 Acq: 22 Jul 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	33.4	22.4	33.6

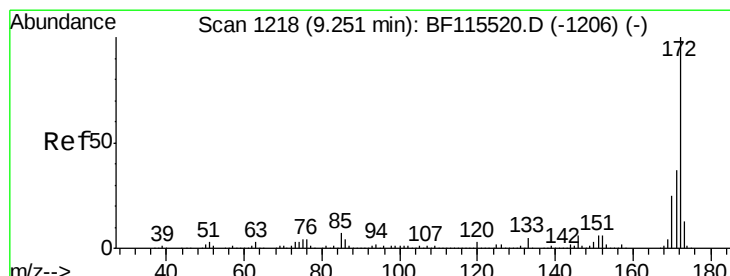
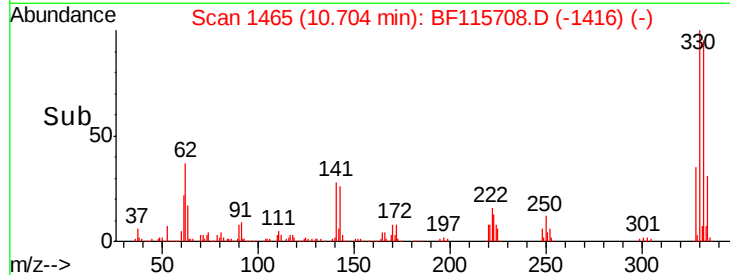
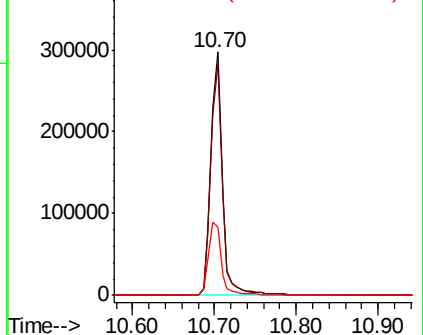


Abundance

Ion 329.80 (329.50 to 330.50): E

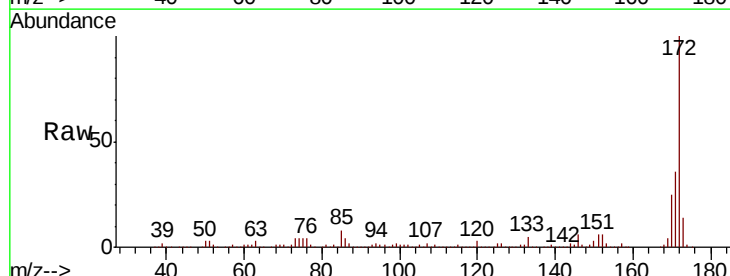
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.728 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115708.D
 Acq: 22 Jul 2019 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	46.0
170	24.8	20.5	30.7

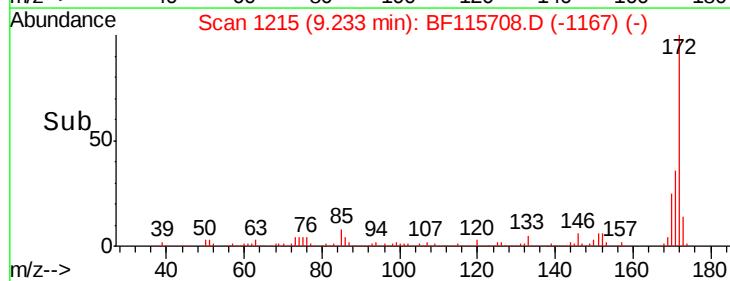
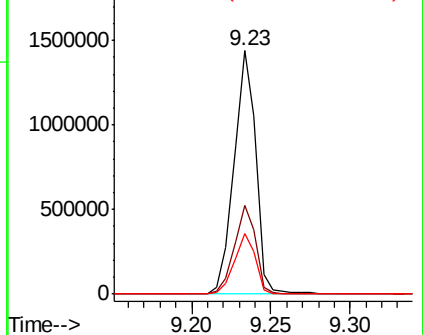


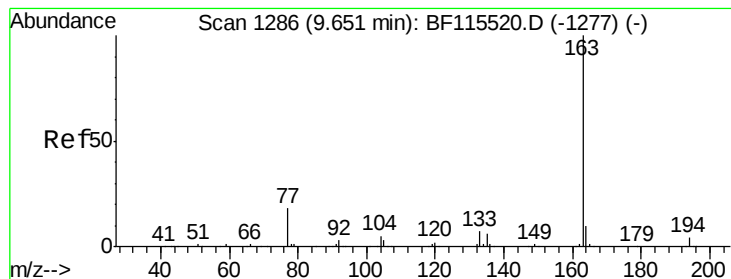
Abundance

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: 8.083 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-A

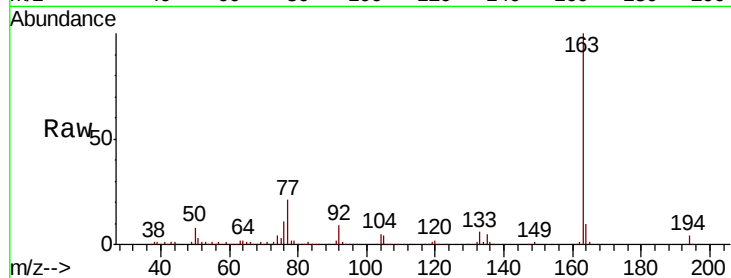
Tot Ion:163 Resp: 198890

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

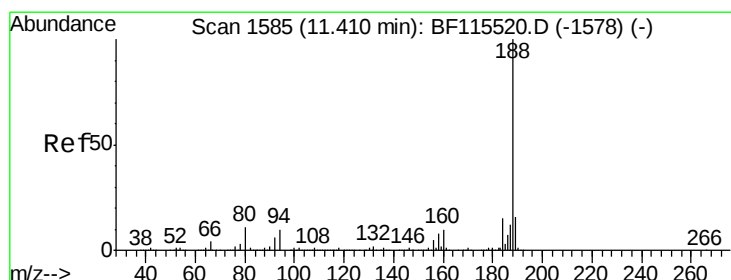
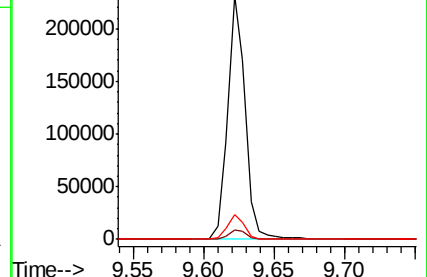
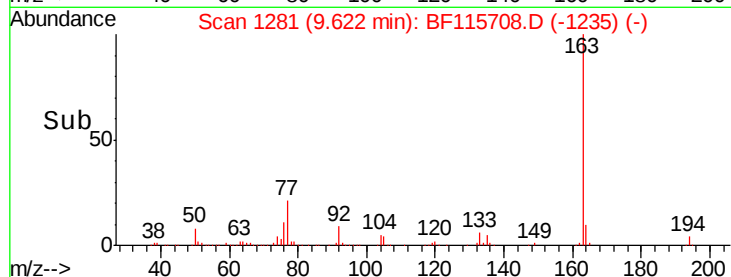
164 10.0 8.7 13.1



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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115708.D

Acq: 22 Jul 2019 14:45

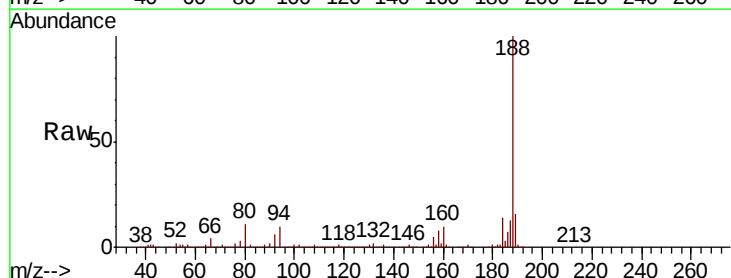
Tgt Ion:188 Resp: 514027

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

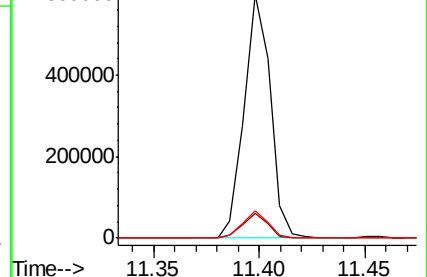
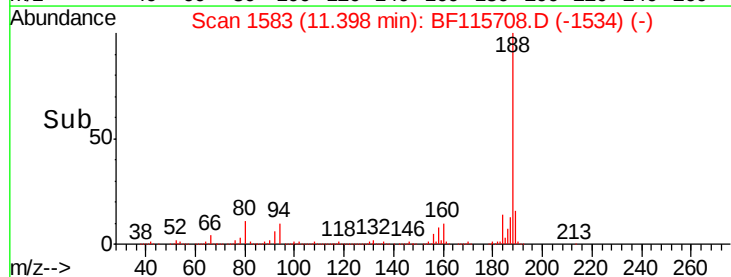
80 11.1 8.6 13.0

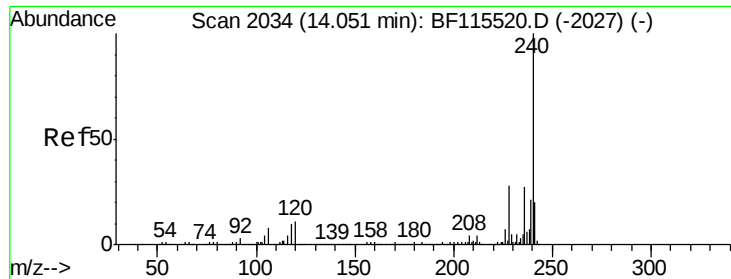


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

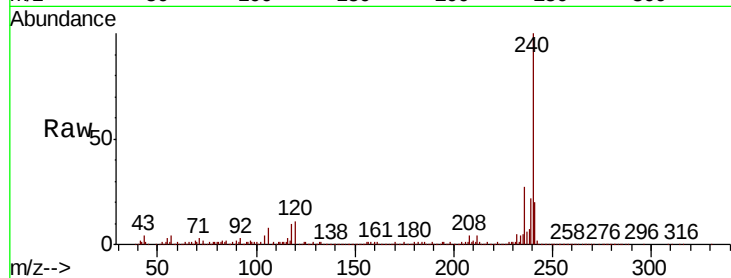




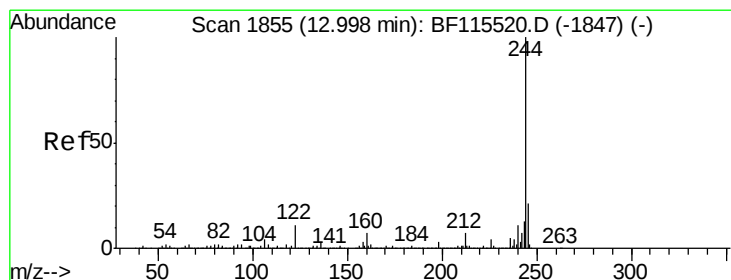
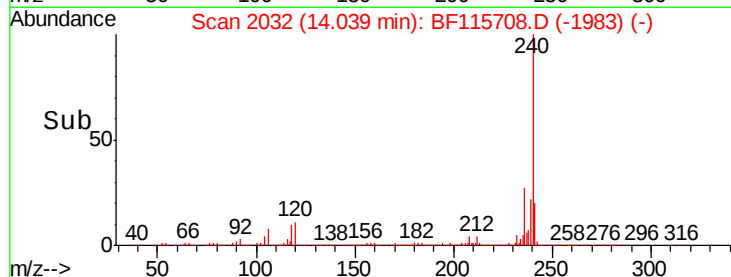
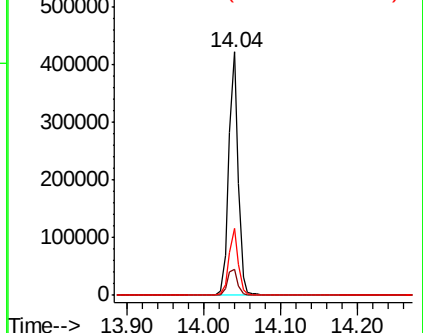
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115708.D
Acq: 22 Jul 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

Tot Ion:240 Resp: 361848
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 27.3 21.3 31.9

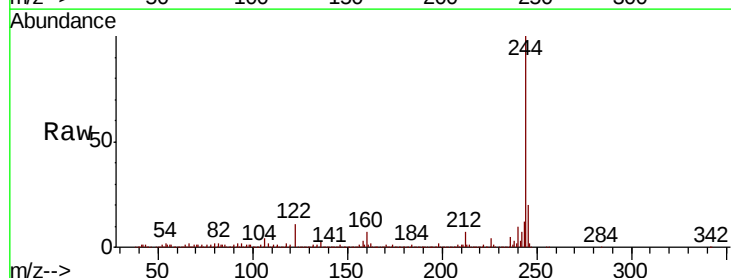


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

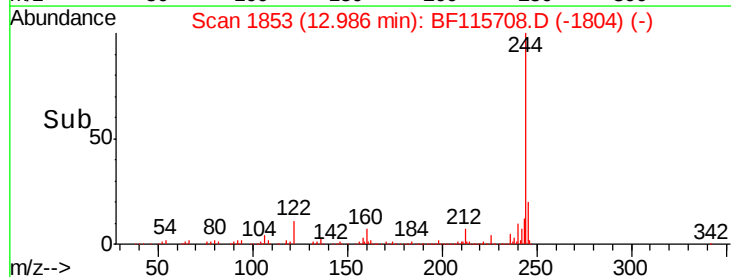
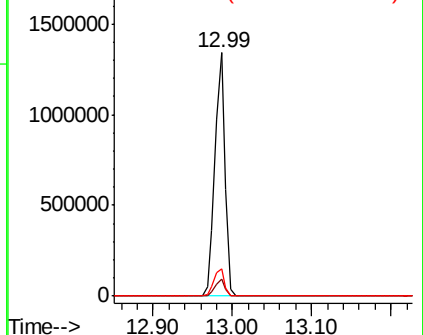


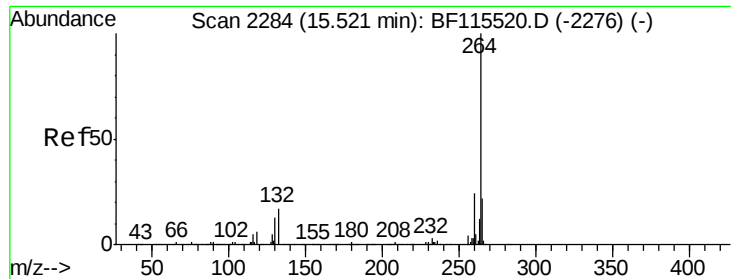
#79
Terphenyl-d14
Concen: 60.981 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115708.D
Acq: 22 Jul 2019 14:45

Tgt Ion:244 Resp: 1195876
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 11.4 8.6 12.8



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

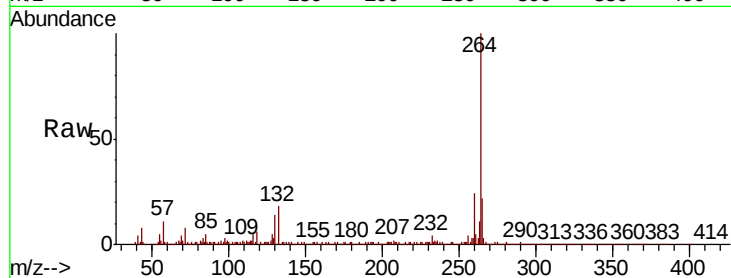




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115708.D
Acq: 22 Jul 2019 14:45

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.9	17.7	26.5



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

