

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115017.D
 Acq On : 13 Jun 2019 22:16
 Operator : HP/JU
 Sample : K3345-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4 061219

Quant Time: Jun 14 04:30:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	272651	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1020587	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	494795	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	923824	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	608822	20.00	ng	-0.01
87) Perylene-d12	15.14	264	568882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1076262	65.91	ng	0.00
7) Phenol-d6	6.29	99	882218	44.79	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1543406	91.03	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	607740	114.70	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2754496	94.35	ng	0.00
79) Terphenyl-d14	12.73	244	2666769	82.39	ng	0.00

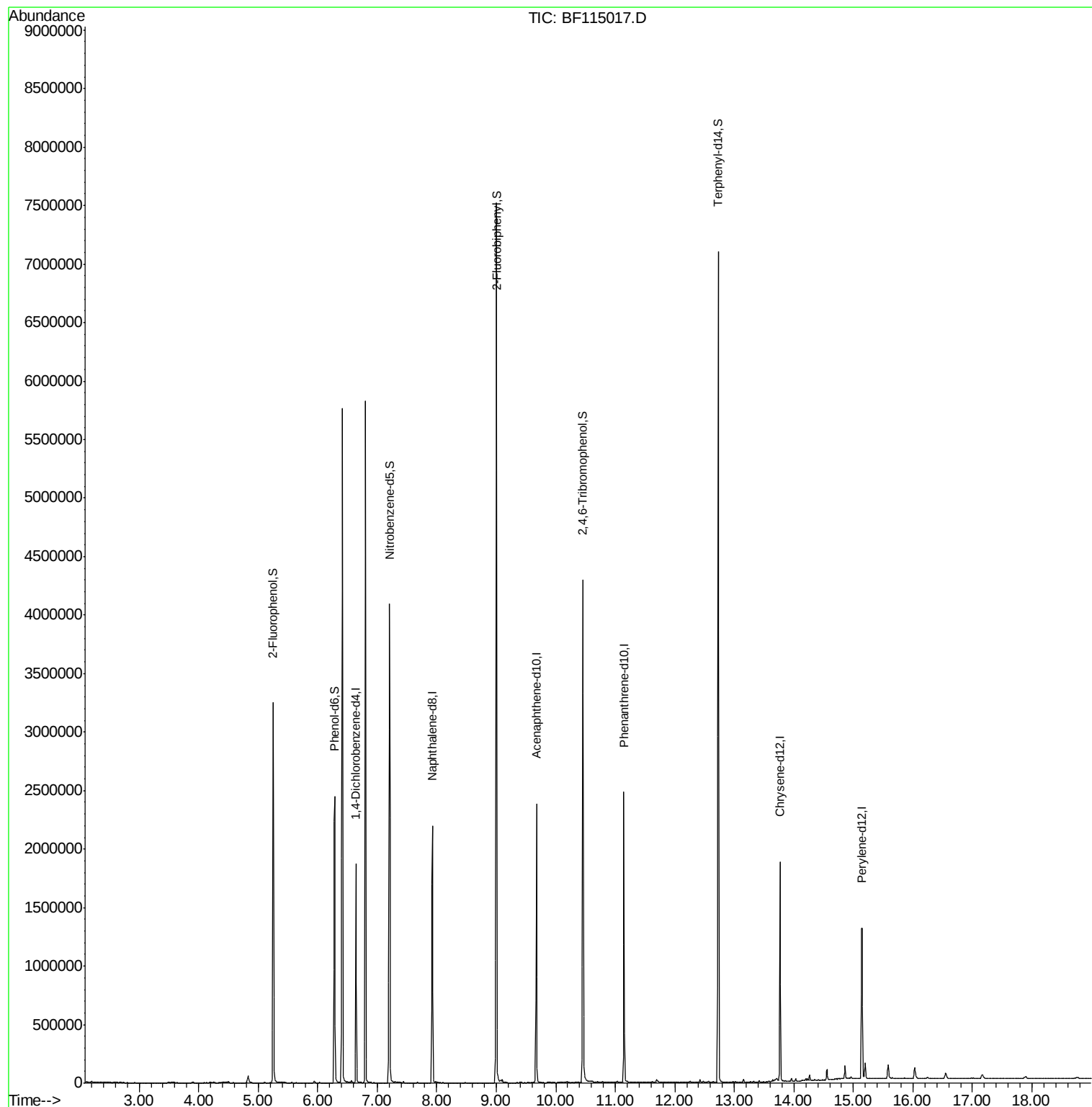
Target Compounds Qvalue

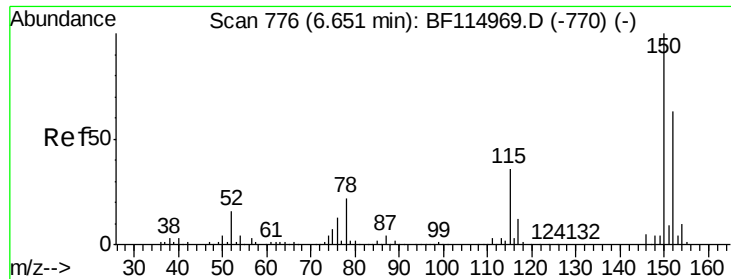
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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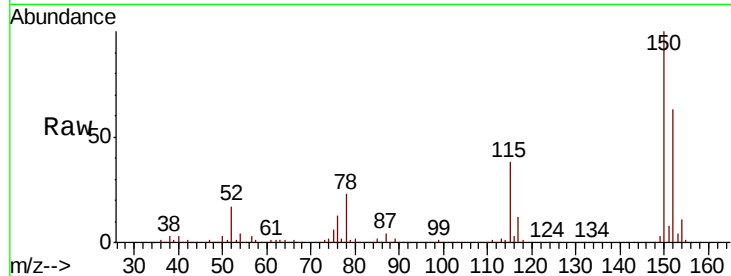


#1

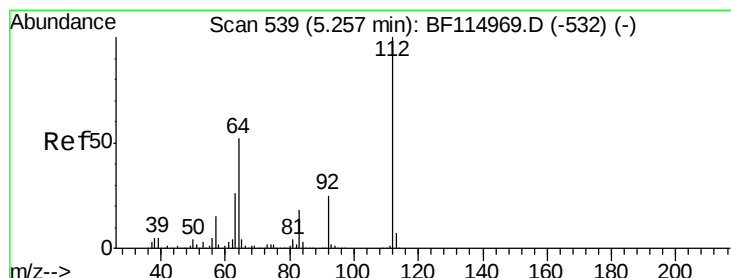
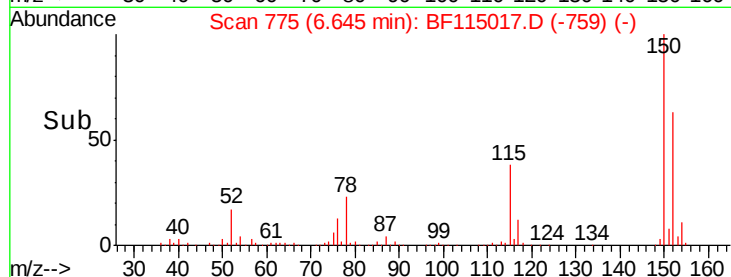
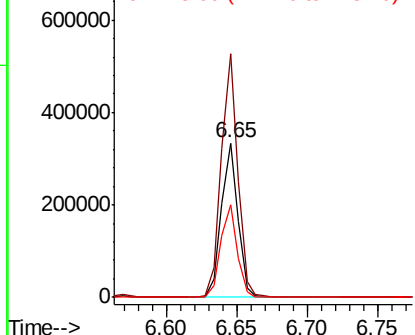
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-4 061219

Tot Ion:152 Resp: 272651
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.0
115 59.8 46.0 69.0



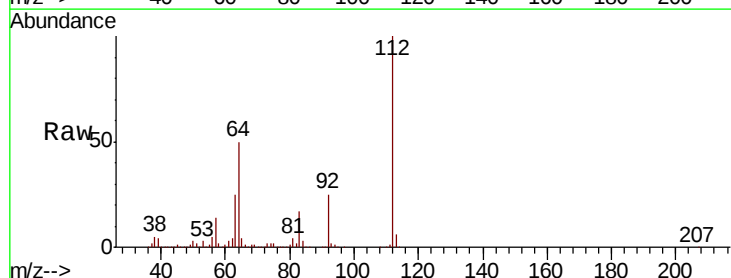
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



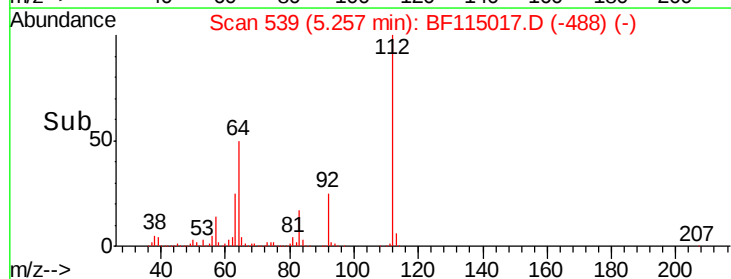
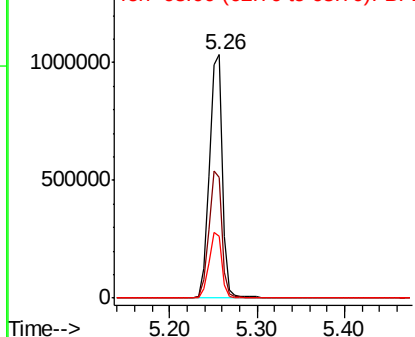
#5

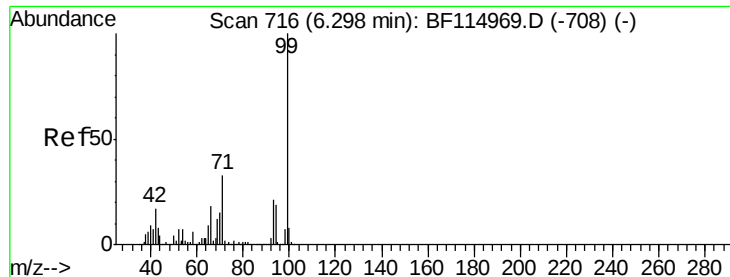
2-Fluorophenol
Concen: 65.913 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Tgt Ion:112 Resp: 1076262
Ion Ratio Lower Upper
112 100
64 49.8 41.6 62.4
63 25.5 20.9 31.3



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: 44.790 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

Instrument :

BNA_F

ClientSampleId :

MW-4 061219

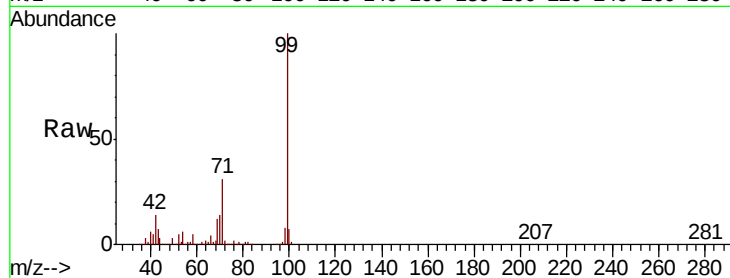
Tot Ion: 99 Resp: 882218

Ion Ratio Lower Upper

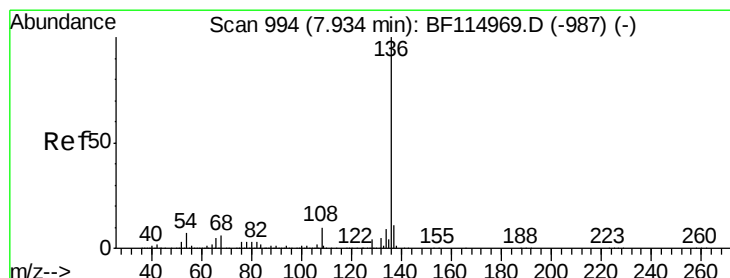
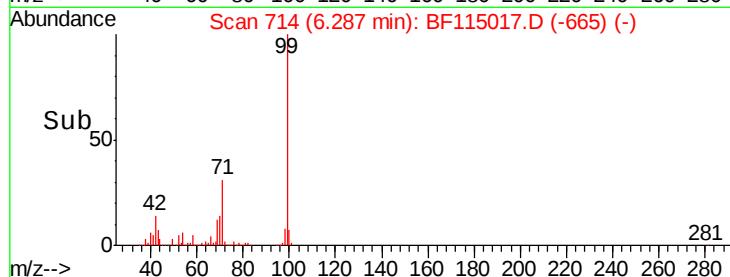
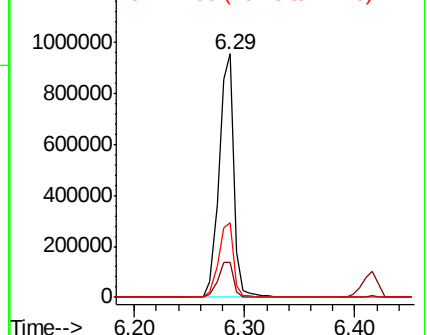
99 100

42 14.4 13.4 20.2

71 30.7 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

Tgt Ion: 136 Resp: 1020587

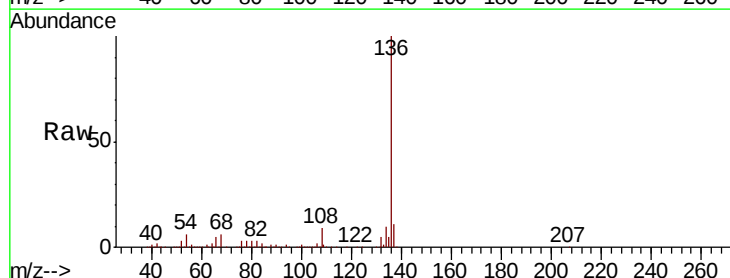
Ion Ratio Lower Upper

136 100

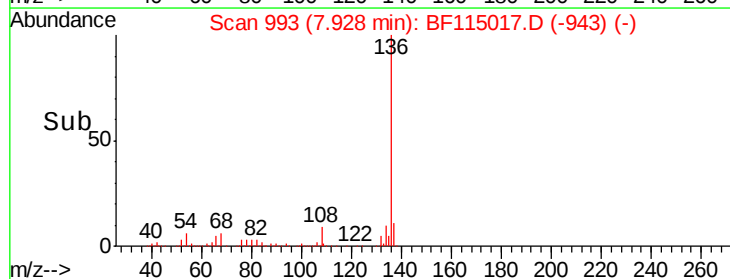
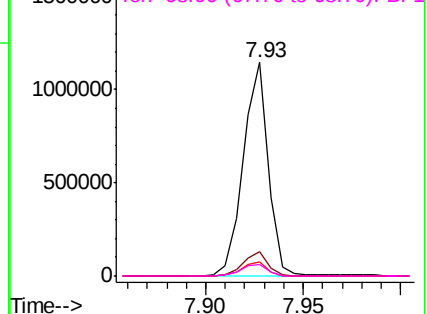
137 11.2 9.0 13.4

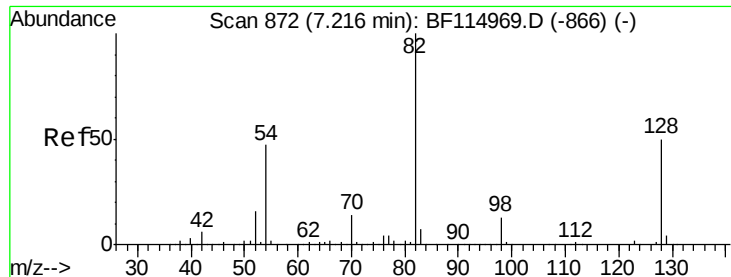
54 6.4 5.4 8.0

68 5.5 4.6 7.0



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

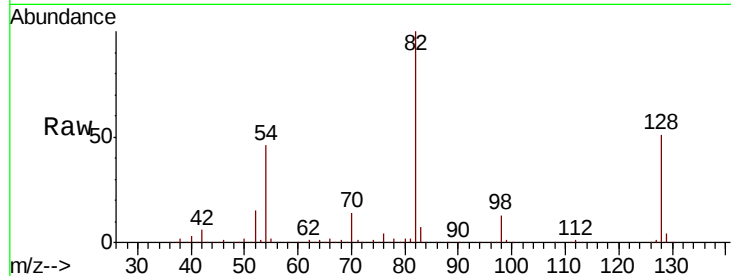




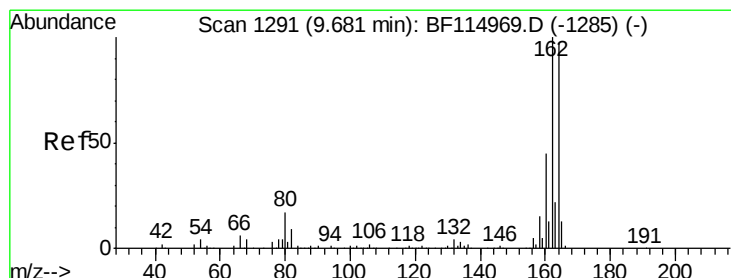
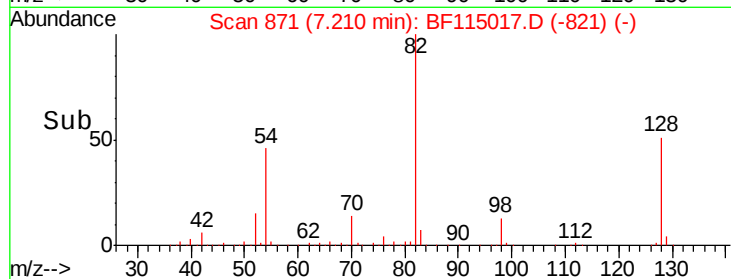
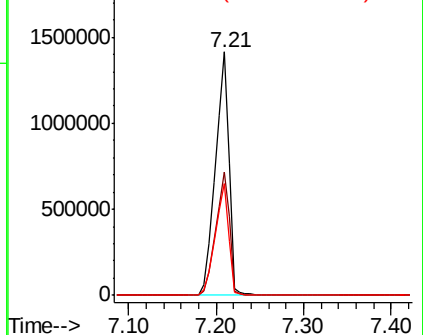
#23
Nitrobenzene-d5
Concen: 91.027 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-4 061219

Tot Ion: 82 Resp: 1543406
Ion Ratio Lower Upper
82 100
128 50.5 39.9 59.9
54 45.7 37.3 55.9

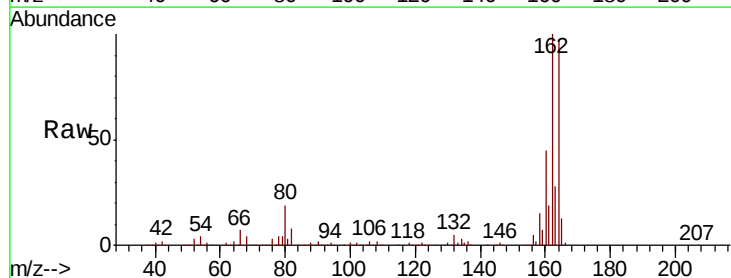


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

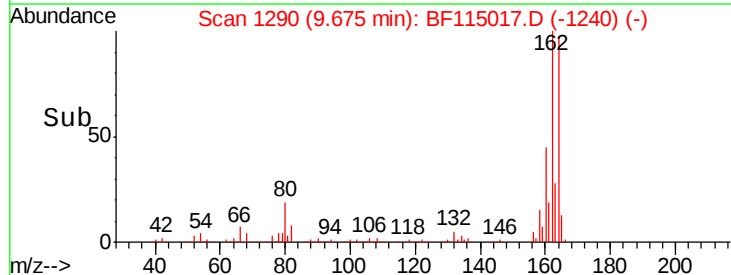
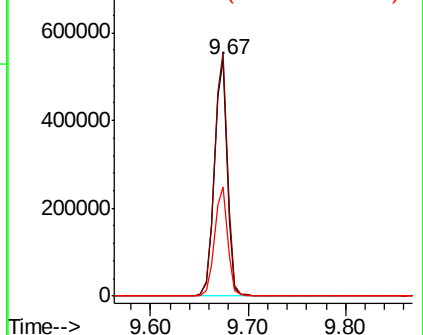


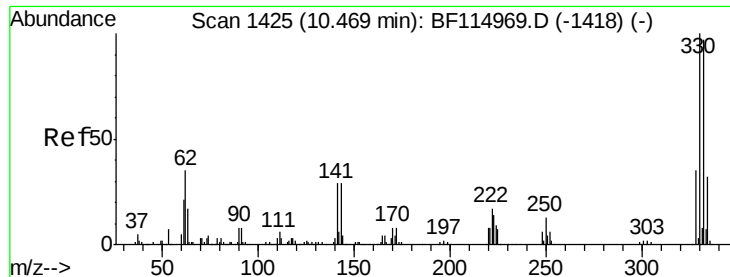
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Tgt Ion:164 Resp: 494795
Ion Ratio Lower Upper
164 100
162 103.1 82.6 124.0
160 46.3 36.9 55.3



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: 114.699 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

Instrument :

BNA_F

ClientSampleId :

MW-4 061219

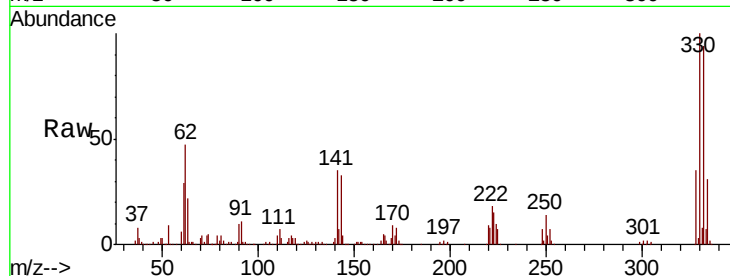
Tot Ion:330 Resp: 607740

Ion Ratio Lower Upper

330 100

332 95.0 77.6 116.4

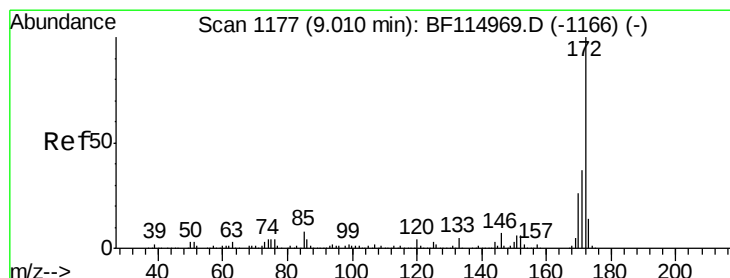
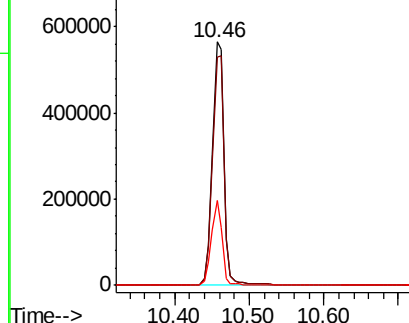
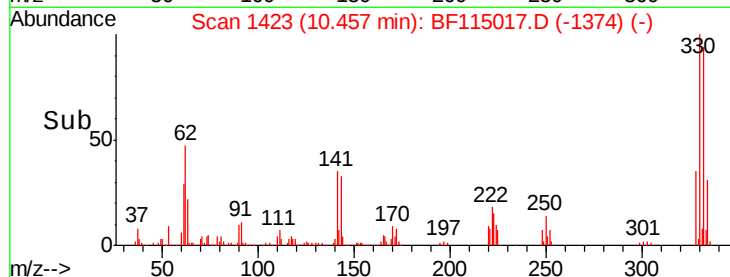
141 32.7 27.2 40.8



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: 94.351 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115017.D

Acq: 13 Jun 2019 22:16

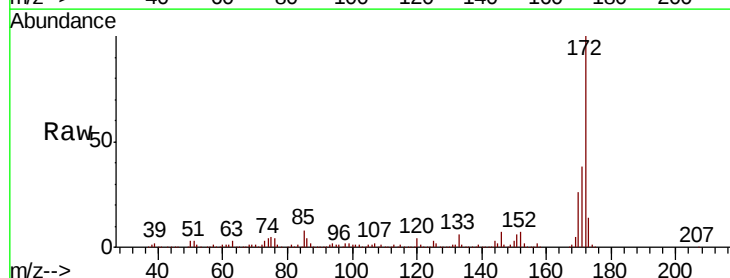
Tgt Ion:172 Resp: 2754496

Ion Ratio Lower Upper

172 100

171 38.0 29.8 44.6

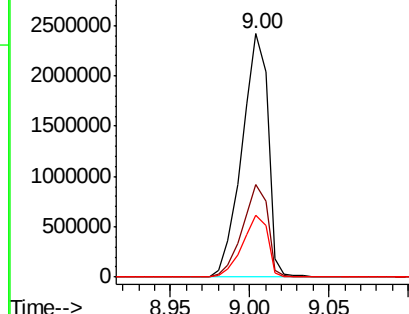
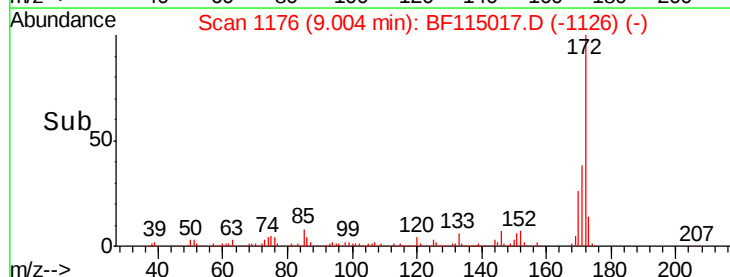
170 25.5 20.6 31.0

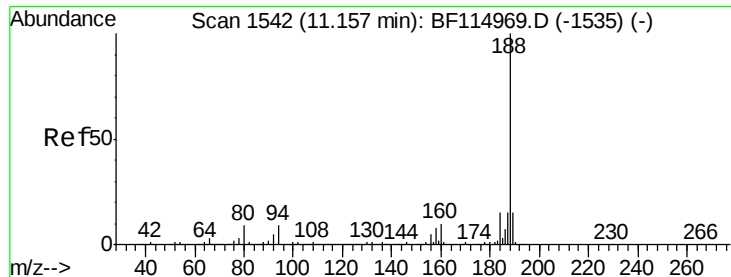


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

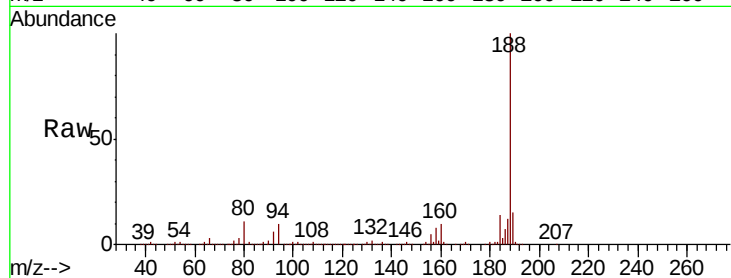




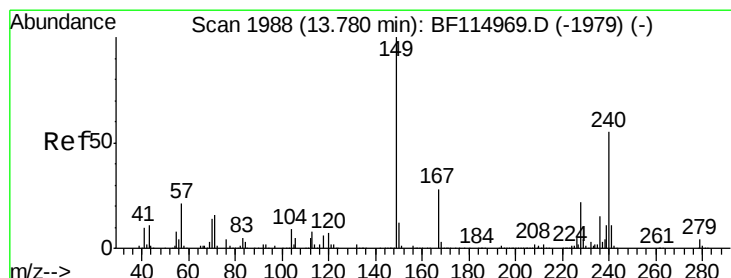
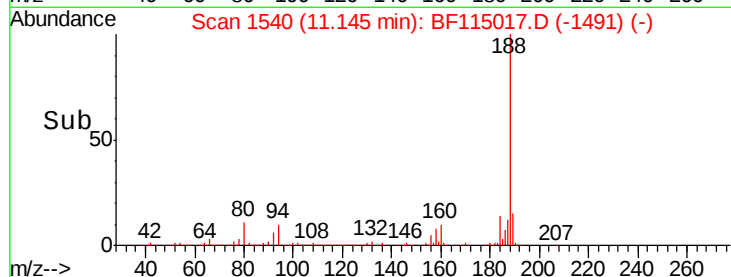
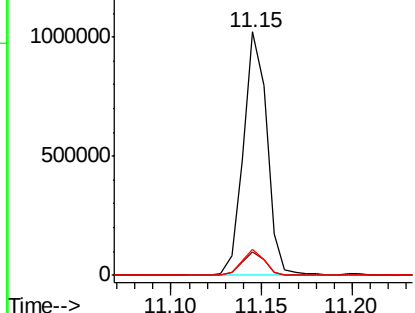
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Instrument :
BNA_F
ClientSampleId :
MW-4 061219

Tot Ion:188 Resp: 923824
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.5 7.4 11.2

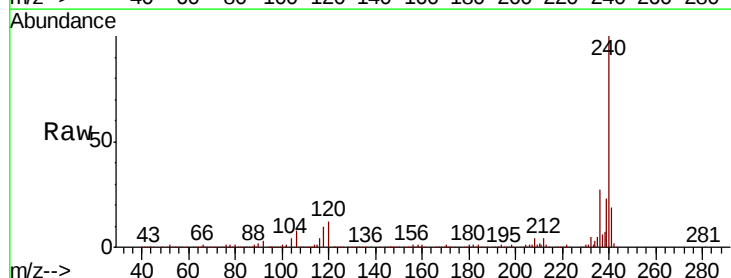


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

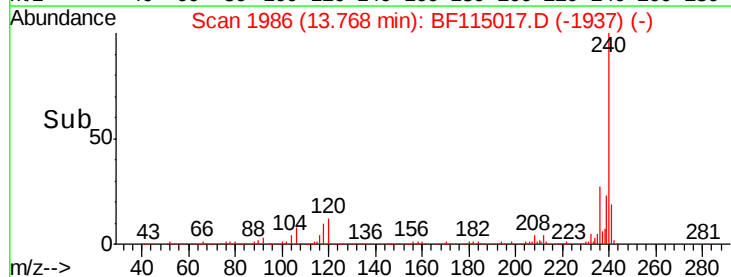
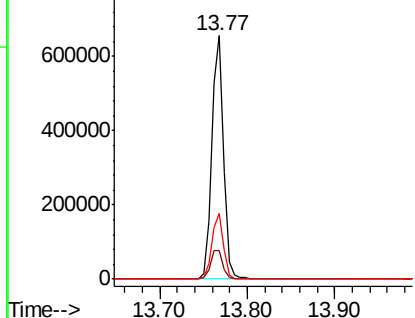


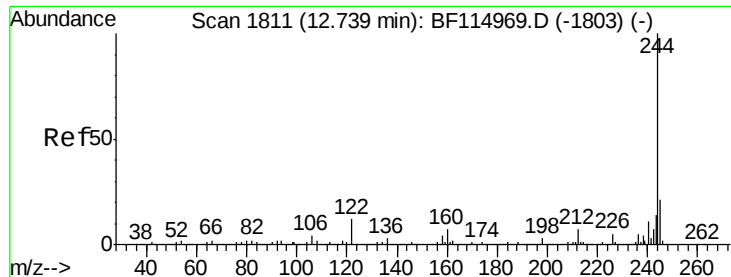
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115017.D
Acq: 13 Jun 2019 22:16

Tgt Ion:240 Resp: 608822
Ion Ratio Lower Upper
240 100
120 11.8 10.0 15.0
236 26.8 21.6 32.4



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



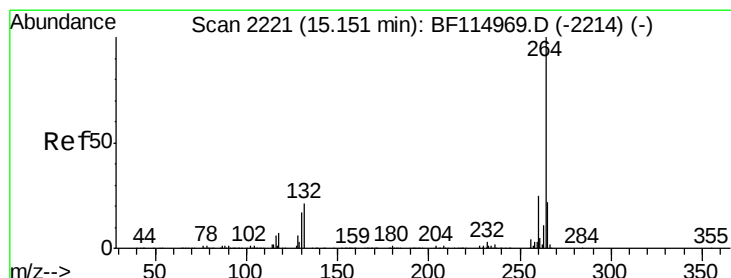
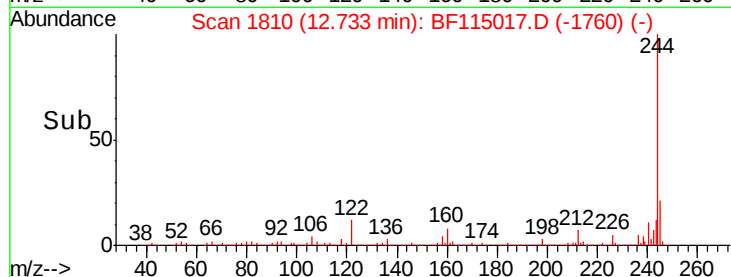
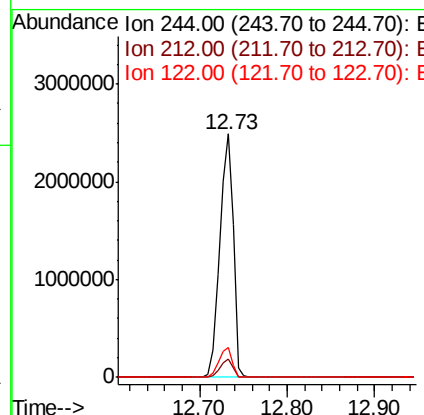
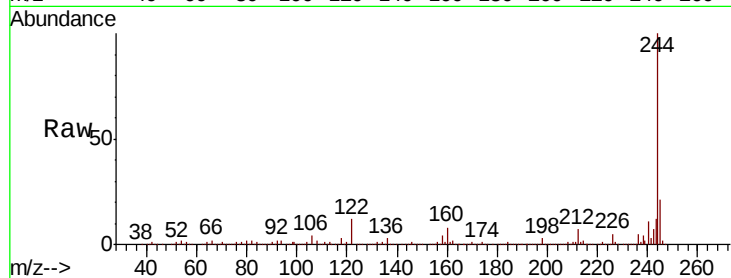


#79
 Terphenyl-d14
 Concen: 82.386 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115017.D
 Acq: 13 Jun 2019 22:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-4 061219

Tot Ion:244 Resp: 2666769

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.4	9.4	14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115017.D
 Acq: 13 Jun 2019 22:16

Tgt Ion:264 Resp: 568882

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.8	17.6	26.4

