

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115047.D
 Acq On : 14 Jun 2019 18:38
 Operator : HP/JU
 Sample : K3294-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1

Quant Time: Jun 15 05:31:24 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

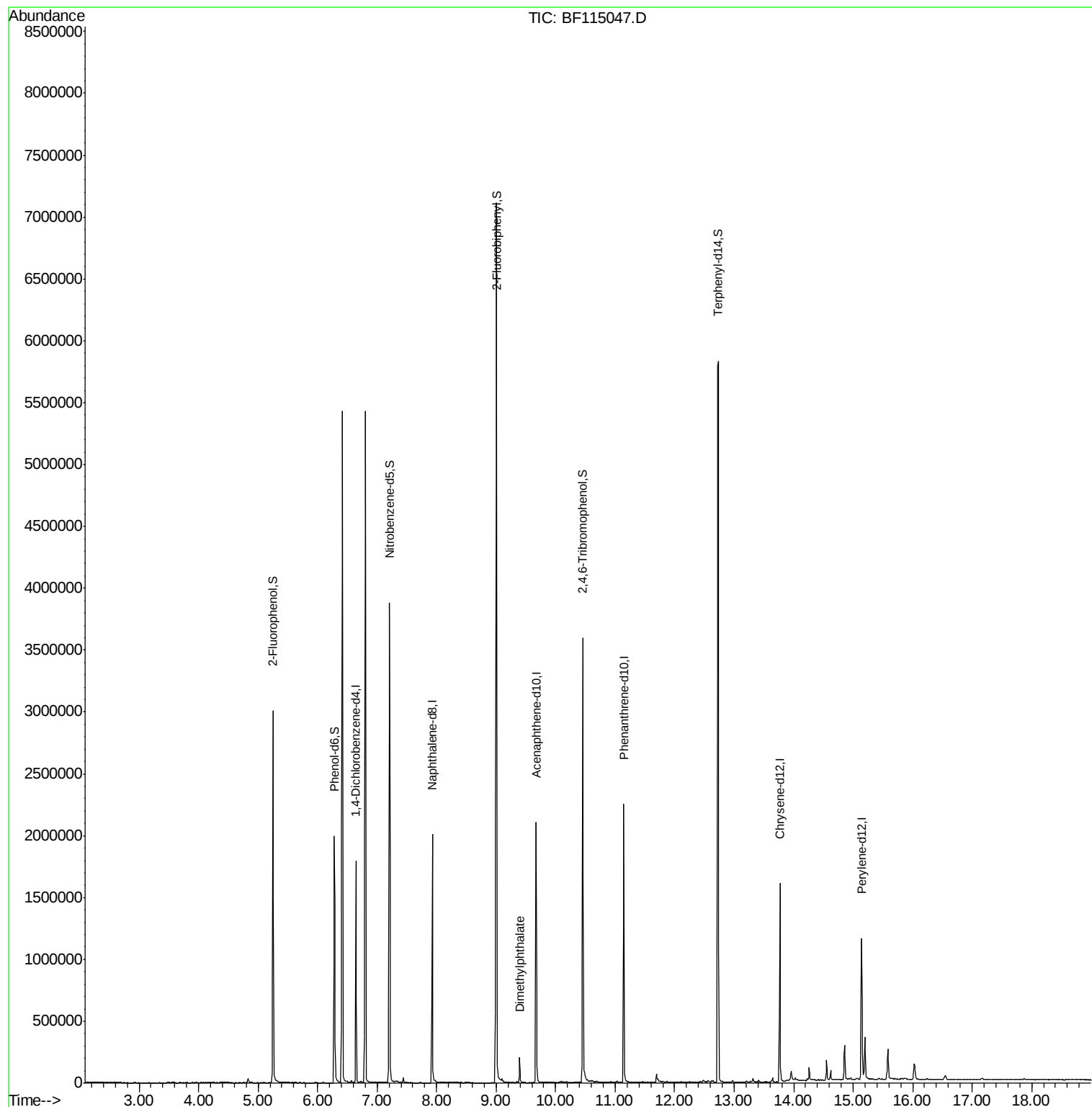
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	271377	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1016554	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	464825	20.00	ng	-0.01
64) Phenanthrene-d10	11.14	188	819781	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	552171	20.00	ng	-0.01
87) Perylene-d12	15.14	264	543712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	903960	55.62	ng	0.00
7) Phenol-d6	6.28	99	711710	36.30	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1377073	81.54	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	487965	98.03	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2476849	90.31	ng	0.00
79) Terphenyl-d14	12.73	244	2205336	75.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.40	163	102145	2.922	ng	Qvalue 97

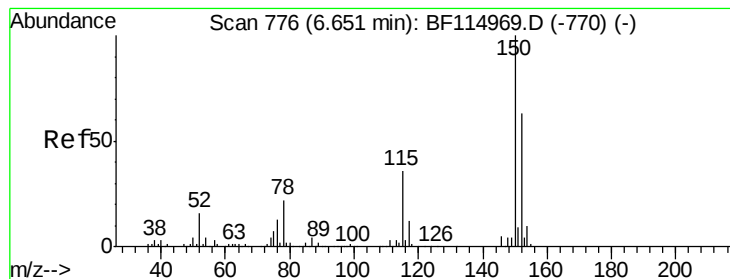
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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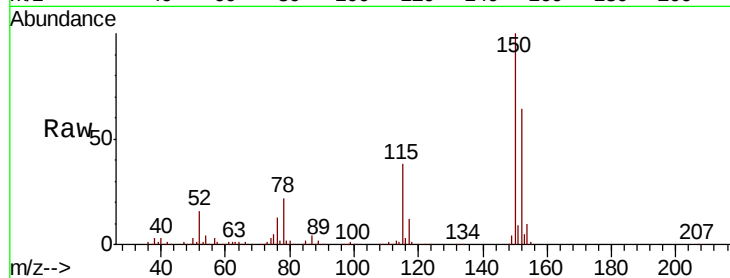


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115047.D
Acq: 14 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
W1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.4	191.0
115	59.0	46.0	69.0

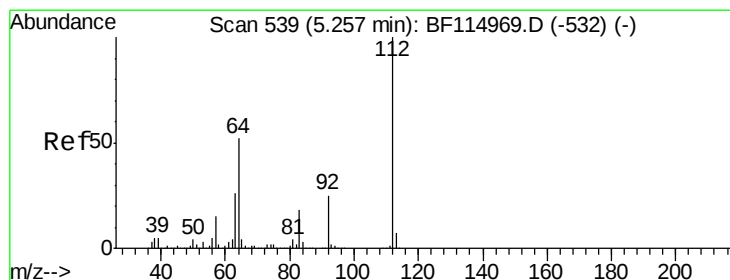
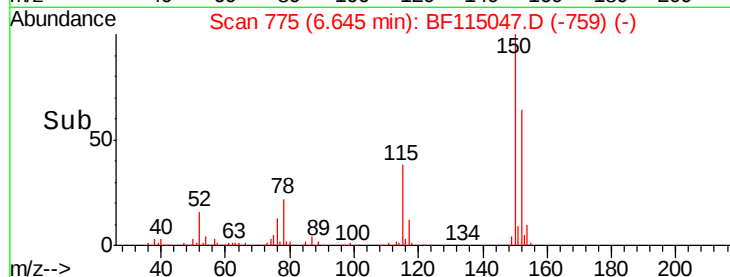
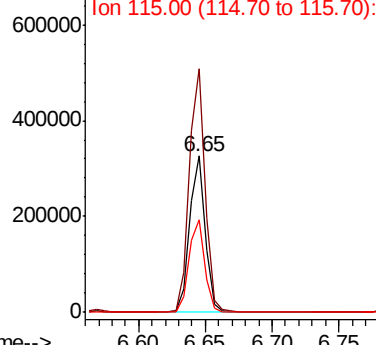


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

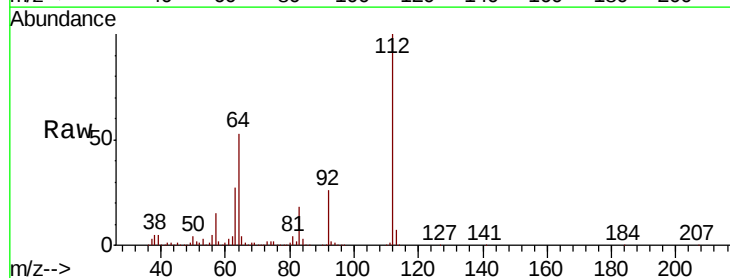
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.621 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115047.D
Acq: 14 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	41.6	62.4
63	27.3	20.9	31.3

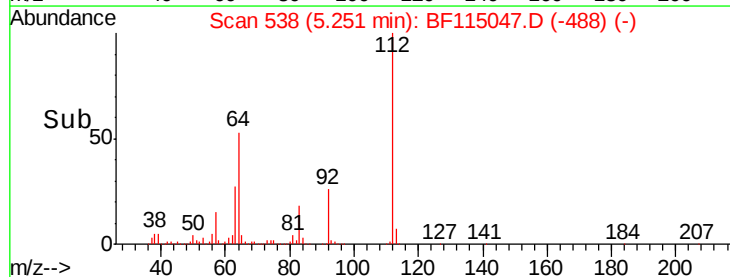
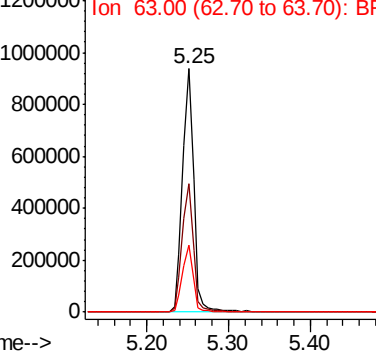


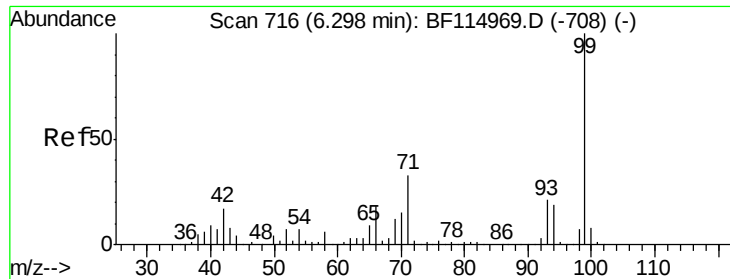
Abundance

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: 36.303 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

Instrument :

BNA_F

ClientSampled :

W1

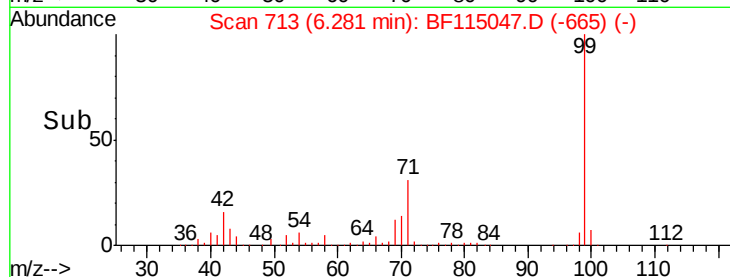
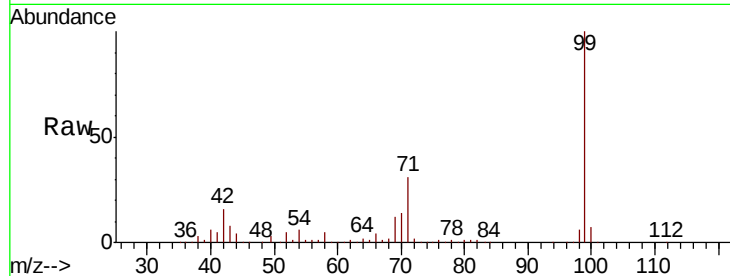
Tot Ion: 99 Resp: 711710

Ion Ratio Lower Upper

99 100

42 15.8 13.4 20.2

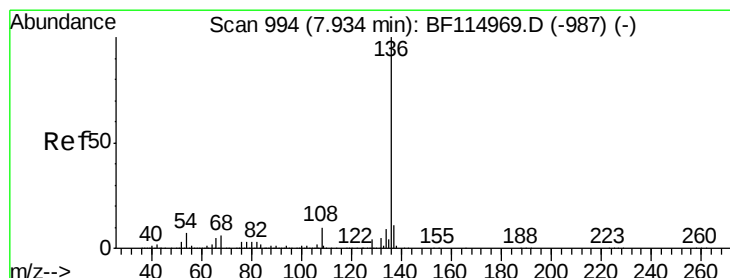
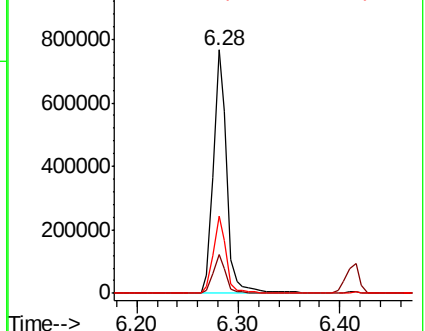
71 31.5 26.4 39.6



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: BF115047.D

Acq: 14 Jun 2019 18:38

Tgt Ion:136 Resp: 1016554

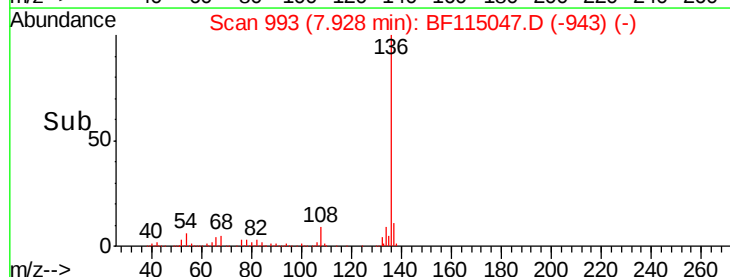
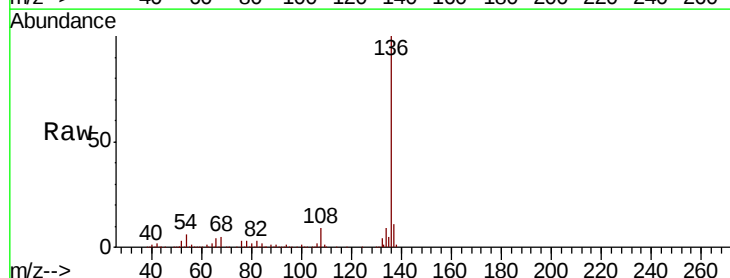
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.1 5.4 8.0

68 5.4 4.6 7.0

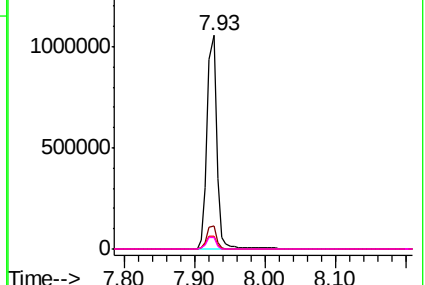


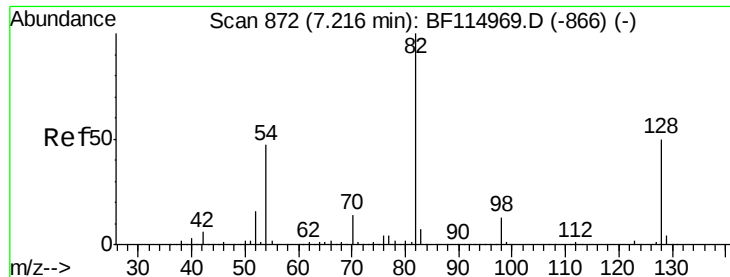
Abundance Ion 136.00 (135.70 to 136.70): E

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

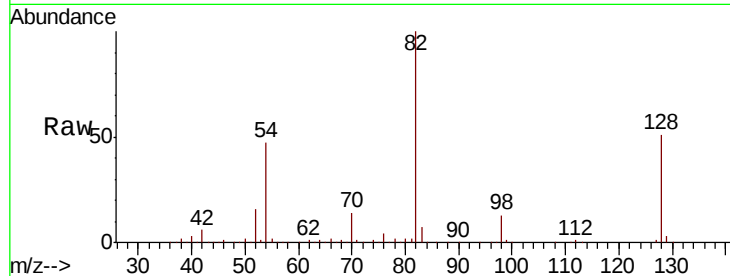




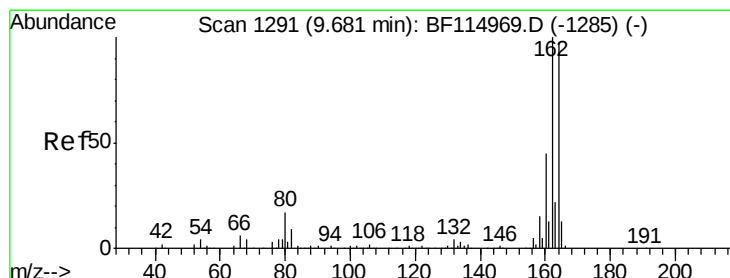
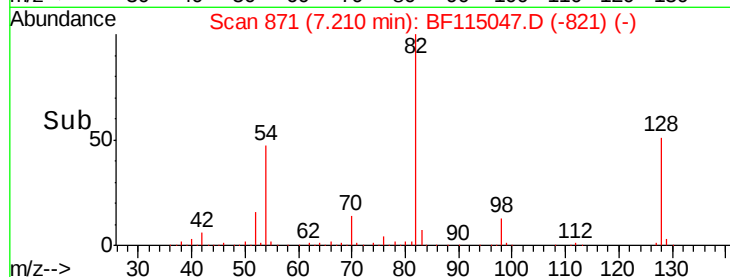
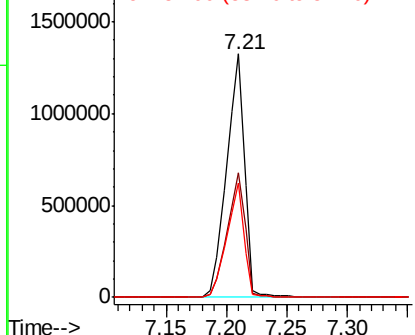
#23
Nitrobenzene-d5
Concen: 81.539 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115047.D
Acq: 14 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
W1

Tot Ion: 82 Resp: 1377073
Ion Ratio Lower Upper
82 100
128 51.1 39.9 59.9
54 46.8 37.3 55.9

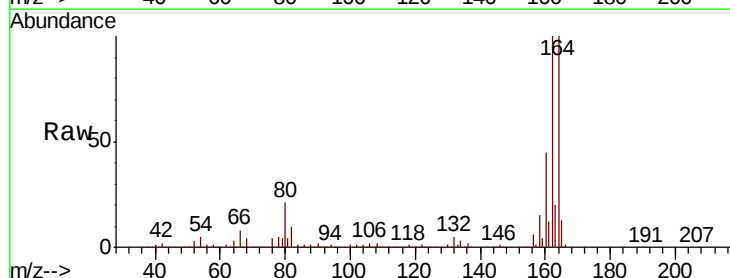


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

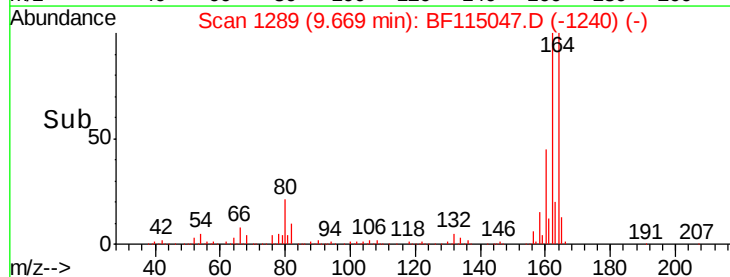
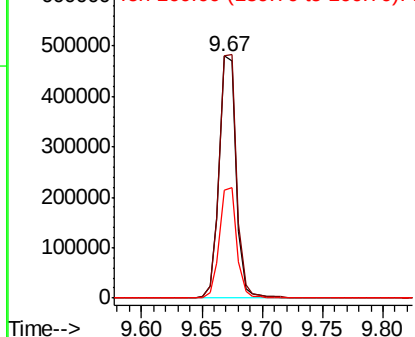


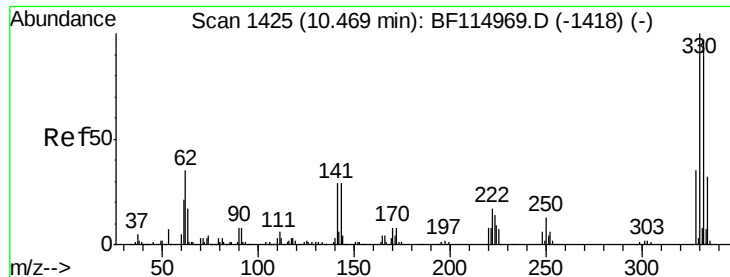
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF115047.D
Acq: 14 Jun 2019 18:38

Tgt Ion: 164 Resp: 464825
Ion Ratio Lower Upper
164 100
162 100.0 82.6 124.0
160 44.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

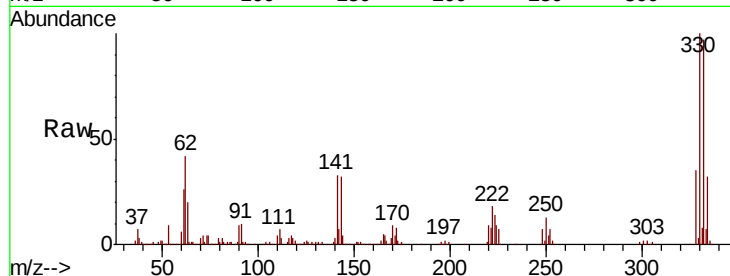




#42
 2,4,6-Tribromophenol
 Concen: 98.032 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :
 W1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	33.5	27.2	40.8

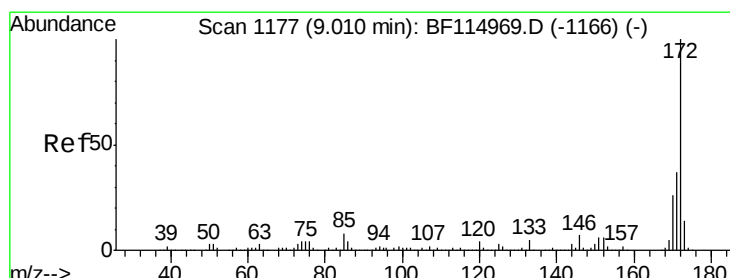
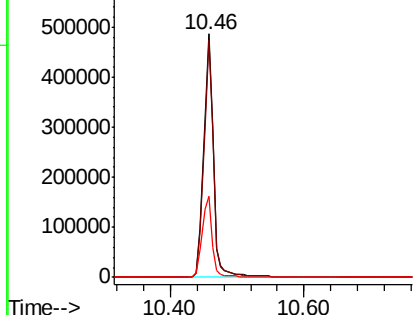
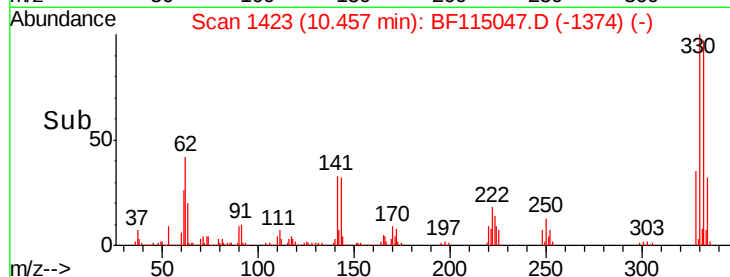


Abundance

Ion 329.80 (329.50 to 330.50): E

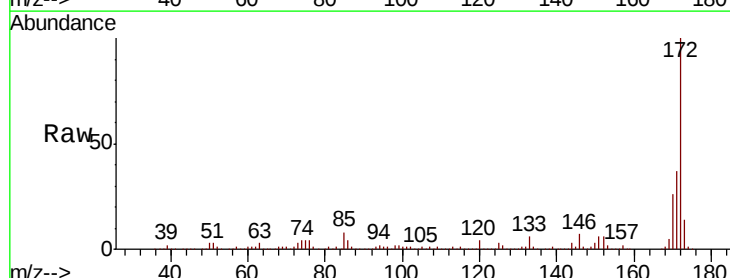
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.310 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF115047.D
 Acq: 14 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.6	20.6	31.0

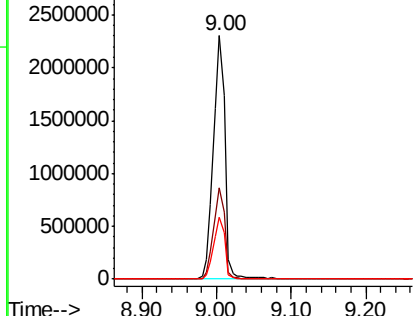
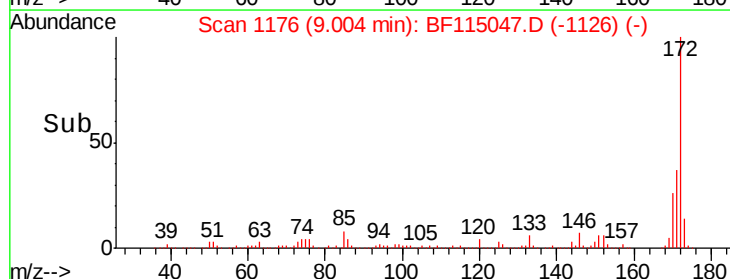


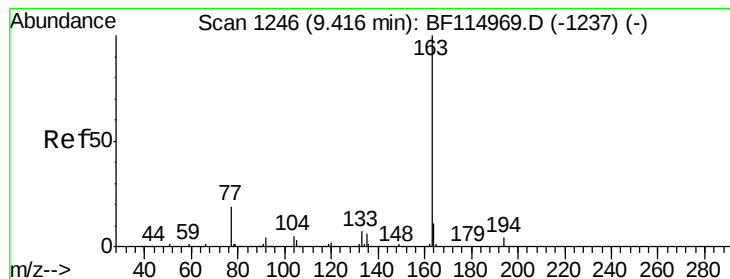
Abundance

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





#50

Dimethylphthalate

Concen: 2.922 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

W1

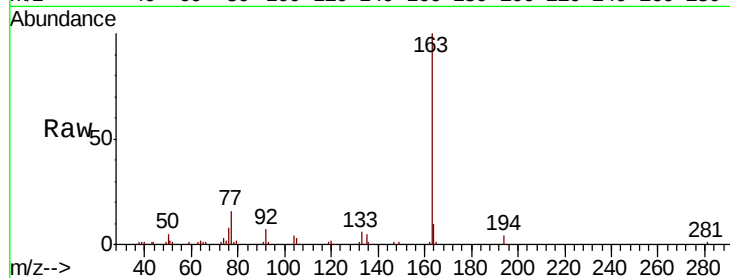
Tot Ion:163 Resp: 102145

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

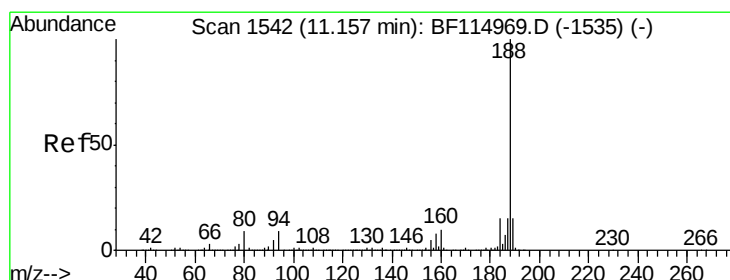
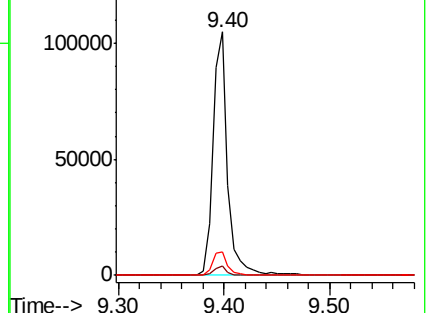
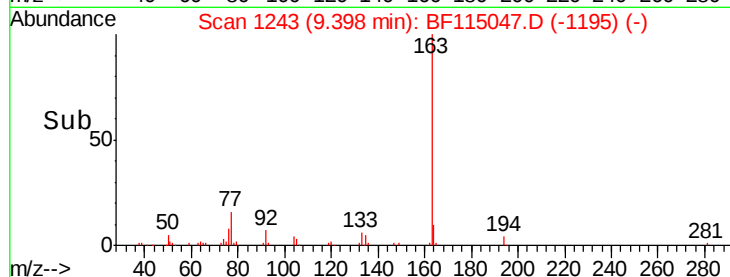
164 9.5 8.6 12.8



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: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115047.D

Acq: 14 Jun 2019 18:38

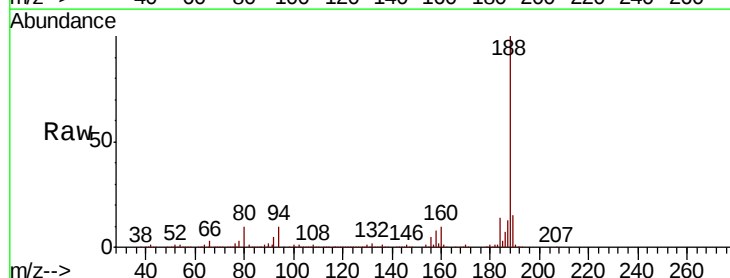
Tgt Ion:188 Resp: 819781

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

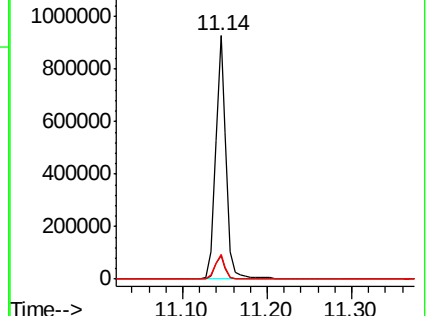
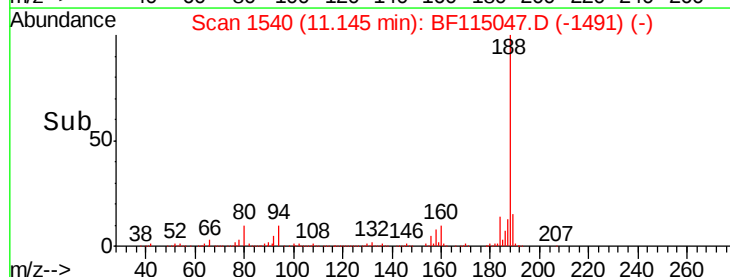
80 10.3 7.4 11.2

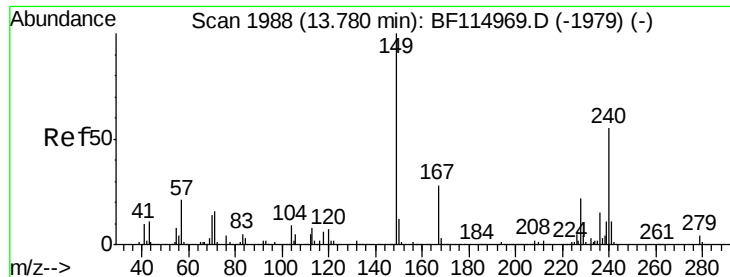


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

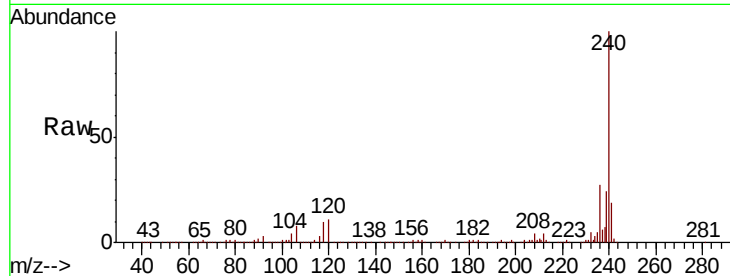




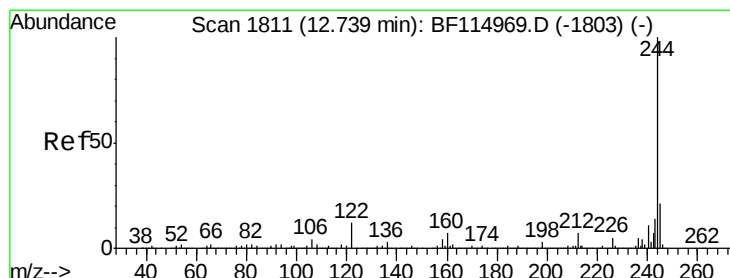
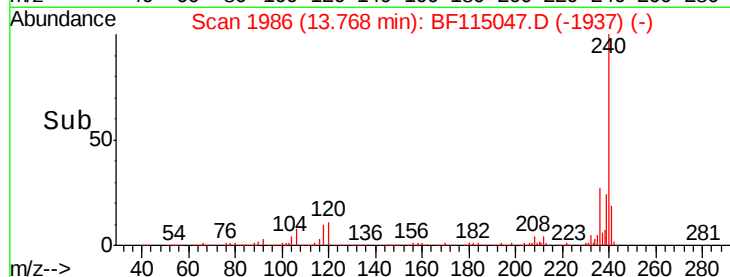
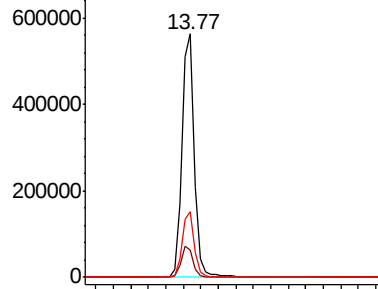
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF115047.D
Acq: 14 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
W1

Tot Ion:240 Resp: 552171
Ion Ratio Lower Upper
240 100
120 11.1 10.0 15.0
236 26.8 21.6 32.4

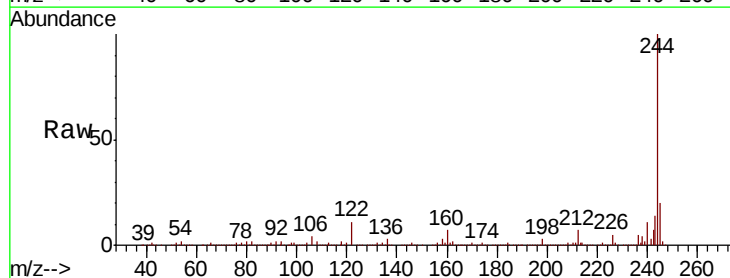


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

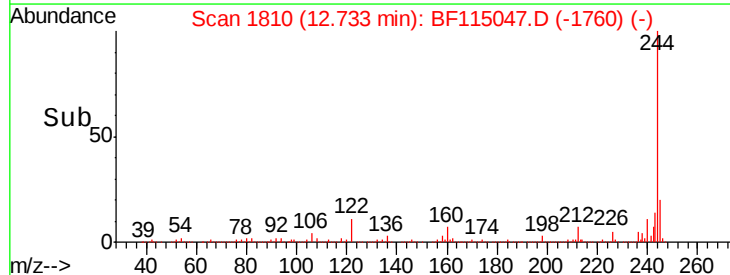
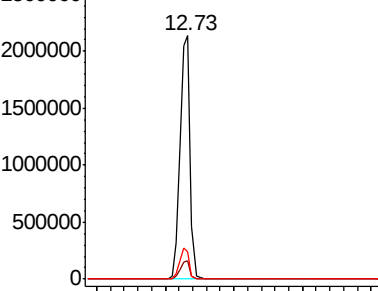


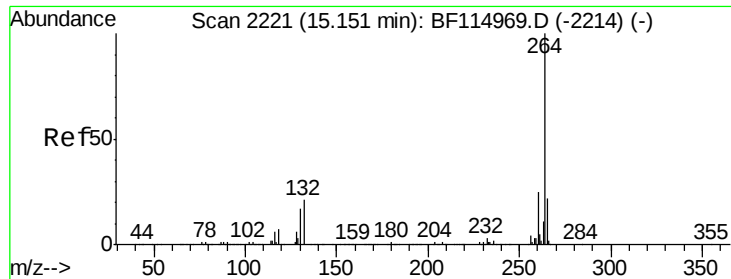
#79
Terphenyl-d14
Concen: 75.121 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115047.D
Acq: 14 Jun 2019 18:38

Tgt Ion:244 Resp: 2205336
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.1 9.4 14.0



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
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115047.D
Acq: 14 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
W1

Tot Ion:264 Resp: 543712

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.0	17.6	26.4

