

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115966.D
 Acq On : 3 Aug 2019 00:06
 Operator : HP/JU
 Sample : K4148-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190598-FIELD-BLANK

Quant Time: Aug 03 04:17:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

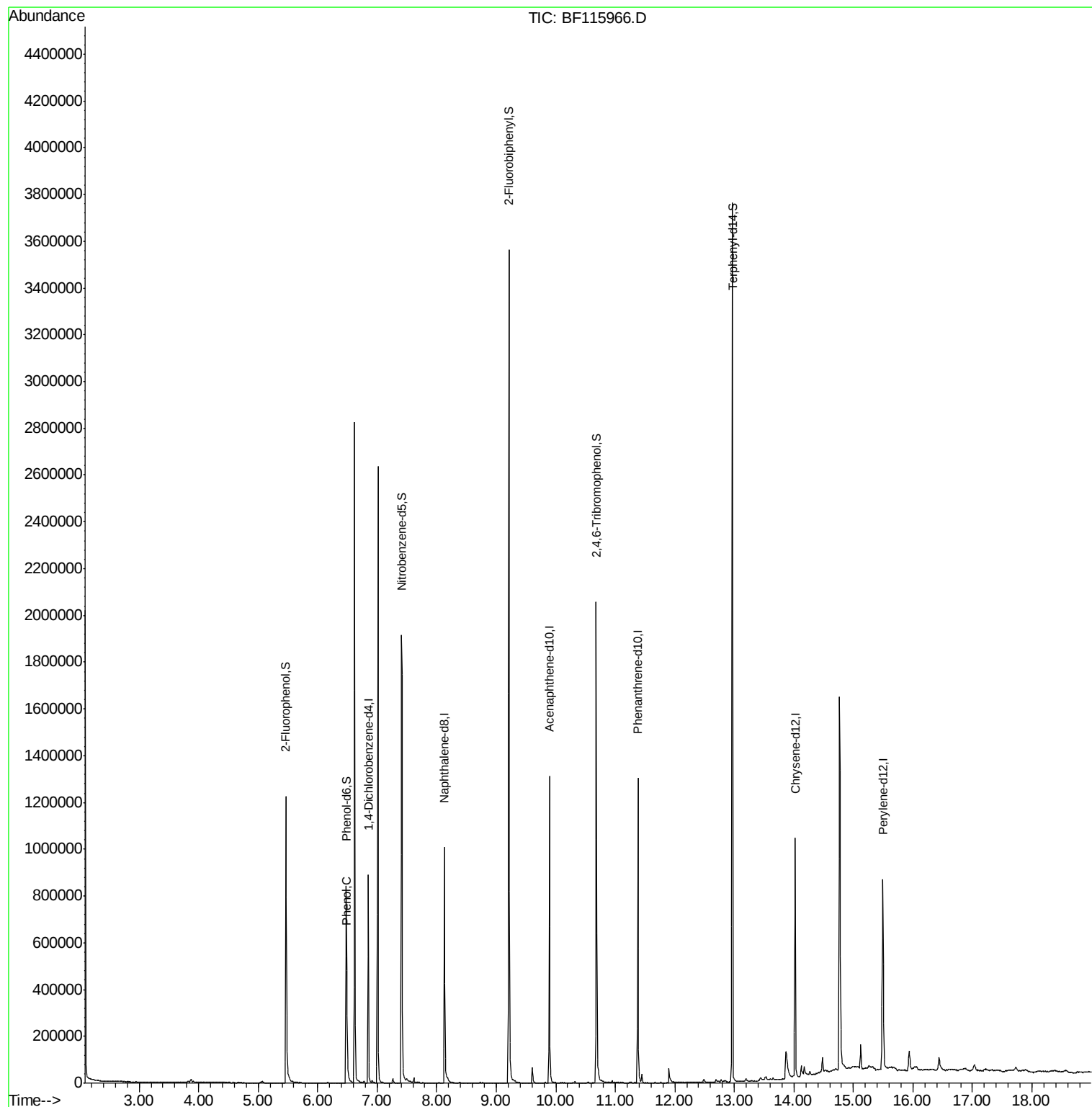
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122321	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	478611	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	256895	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	469108	20.00	ng	0.00
76) Chrysene-d12	14.02	240	333584	20.00	ng	0.00
87) Perylene-d12	15.49	264	384884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	372961	51.04	ng	0.00
7) Phenol-d6	6.48	99	305510	33.14	ng	0.00
23) Nitrobenzene-d5	7.41	82	688240	83.01	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	297200	119.33	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1255196	91.52	ng	0.00
79) Terphenyl-d14	12.97	244	1418296	89.59	ng	0.00
Target Compounds						
10) Phenol	6.49	94	51551	4.749	ng	Qvalue 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

Instrument :

BNA_F

ClientSampleId :

20190598-FIELD-BLANK

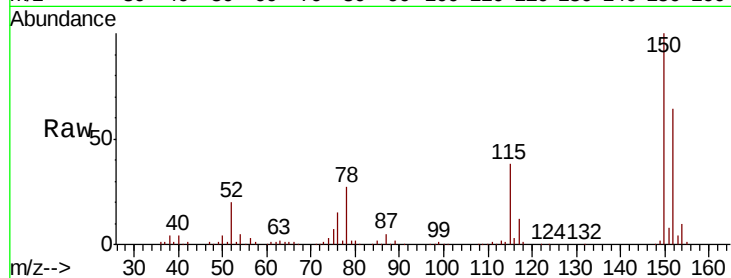
Tot Ion:152 Resp: 122321

Ion Ratio Lower Upper

152 100

150 156.9 127.4 191.0

115 59.5 51.8 77.8

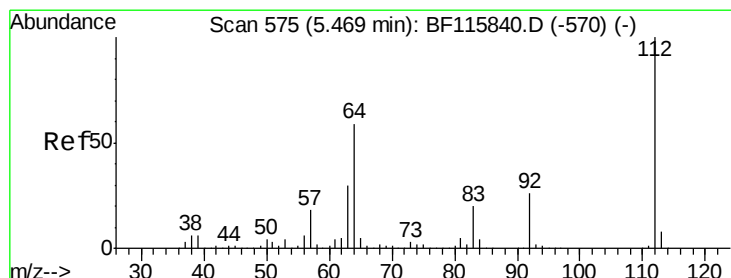
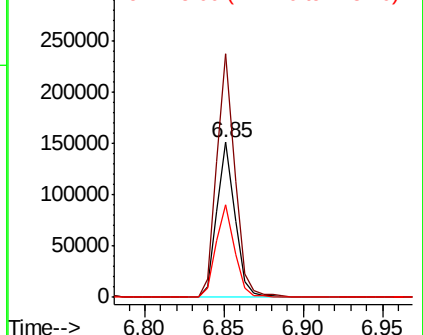
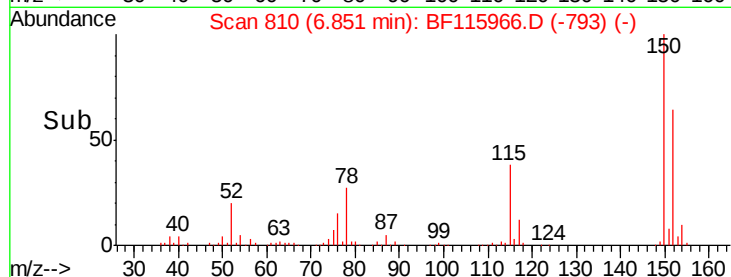


Abundance

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: 51.043 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

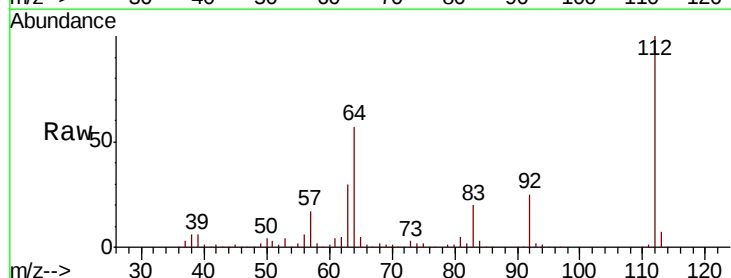
Tgt Ion:112 Resp: 372961

Ion Ratio Lower Upper

112 100

64 57.2 46.8 70.2

63 30.1 24.2 36.2

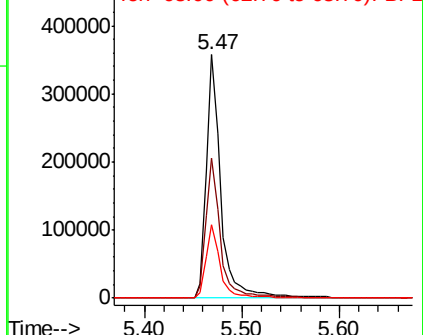
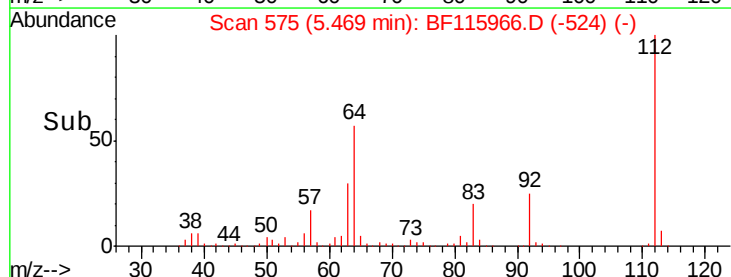


Abundance

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: 33.140 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

Instrument :

BNA_F

ClientSampleId :

20190598-FIELD-BLANK

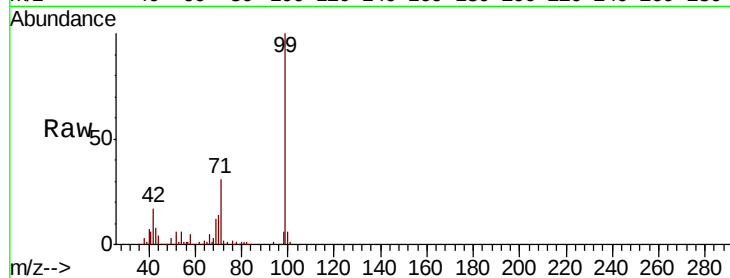
Tot Ion: 99 Resp: 305510

Ion Ratio Lower Upper

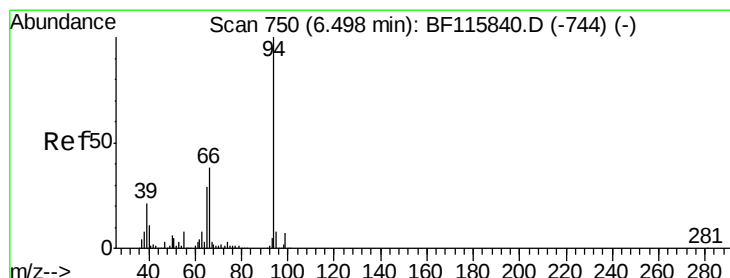
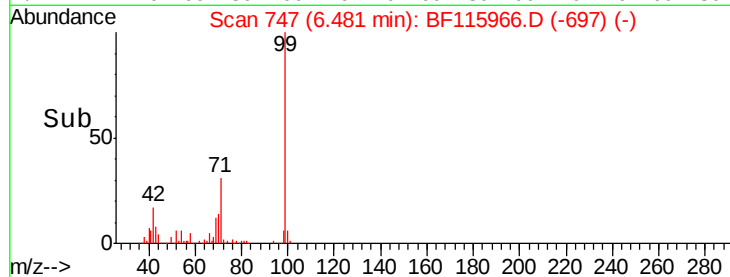
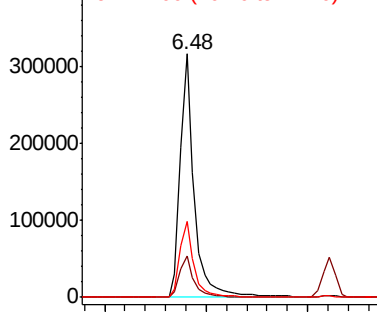
99 100

42 17.0 13.8 20.6

71 31.4 27.1 40.7



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



#10

Phenol

Concen: 4.749 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

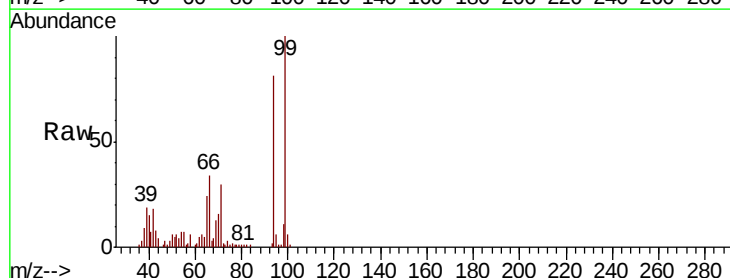
Tgt Ion: 94 Resp: 51551

Ion Ratio Lower Upper

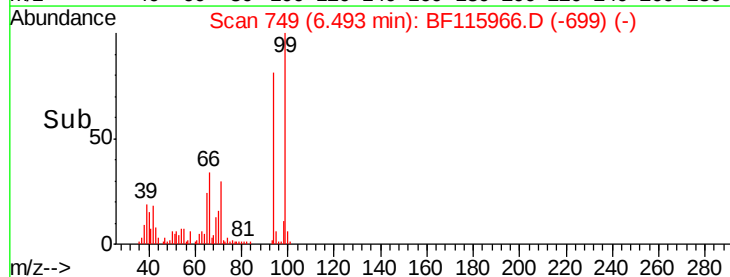
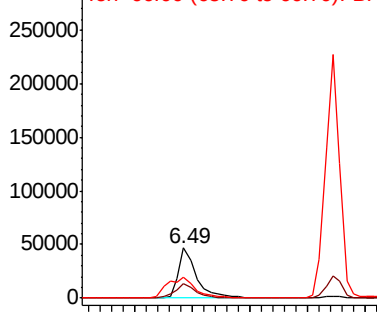
94 100

65 29.6 8.9 48.9

66 42.4 18.0 58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

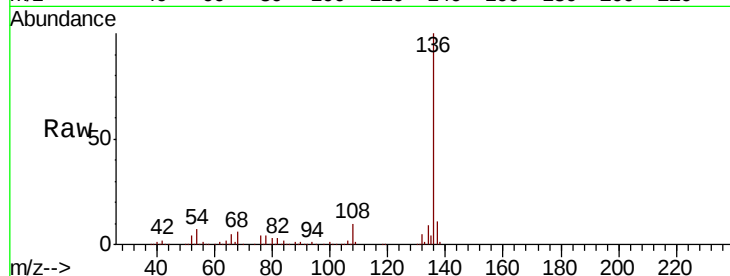




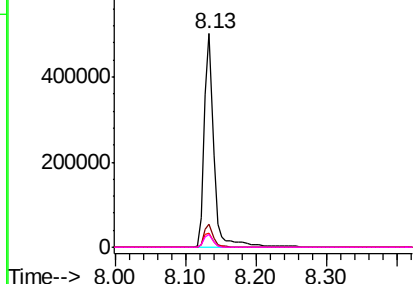
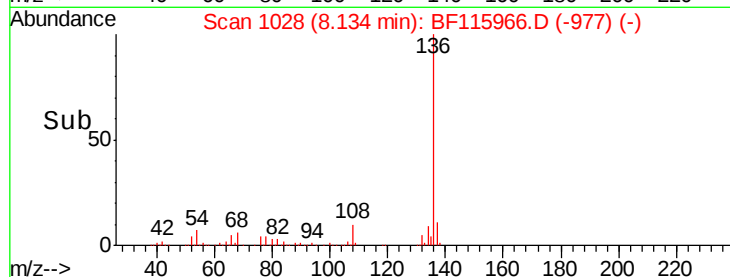
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115966.D
Acq: 3 Aug 2019 00:06

Instrument :
BNA_F
ClientSampleId :
20190598-FIELD-BLANK

Tot Ion:136	Resp:	478611
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	6.9	6.1 9.1
68	5.9	5.4 8.2

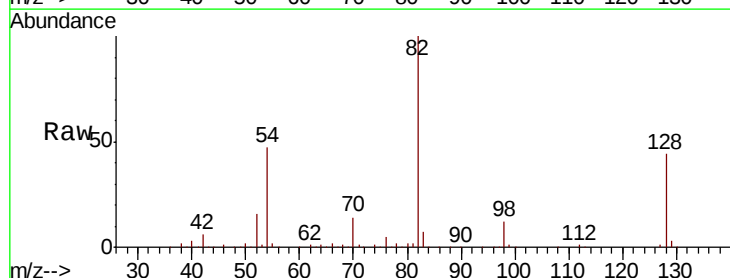


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

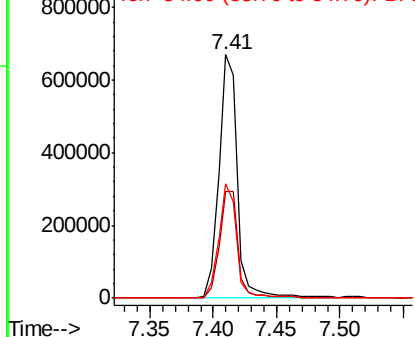
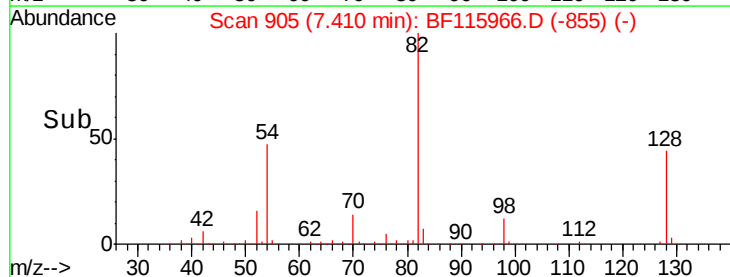


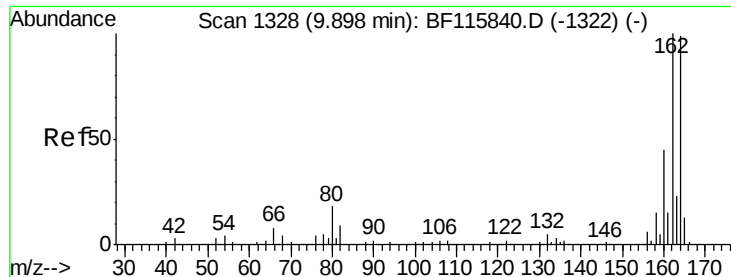
#23
Nitrobenzene-d5
Concen: 83.005 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115966.D
Acq: 3 Aug 2019 00:06

Tgt Ion: 82	Resp:	688240
Ion	Ratio	Lower Upper
82	100	
128	43.8	36.6 55.0
54	46.7	36.6 55.0



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

Instrument :

BNA_F

ClientSampleId :

20190598-FIELD-BLANK

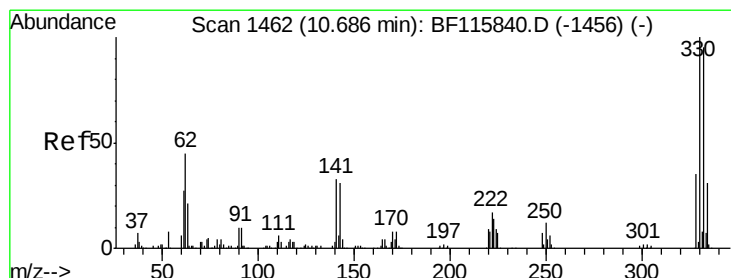
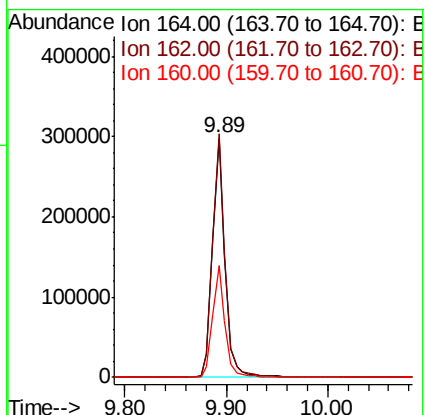
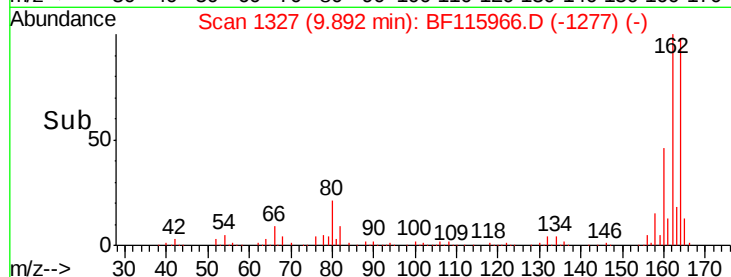
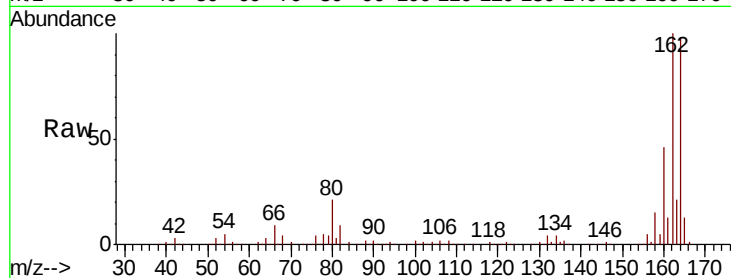
Tot Ion:164 Resp: 256895

Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

160 46.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 119.325 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115966.D

Acq: 3 Aug 2019 00:06

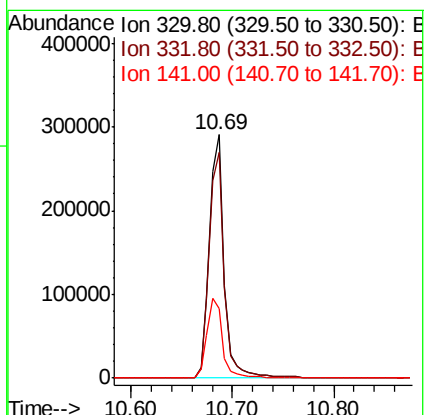
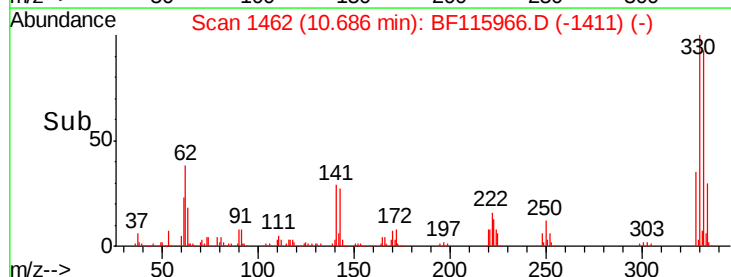
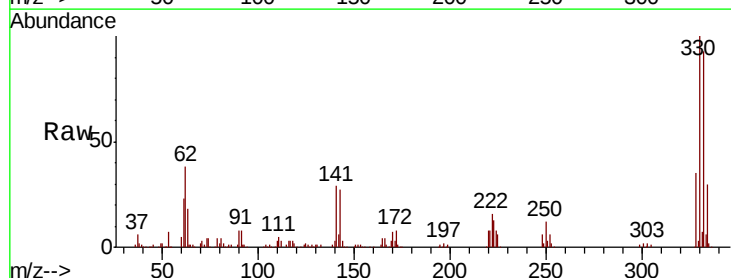
Tgt Ion:330 Resp: 297200

Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

141 34.7 28.1 42.1



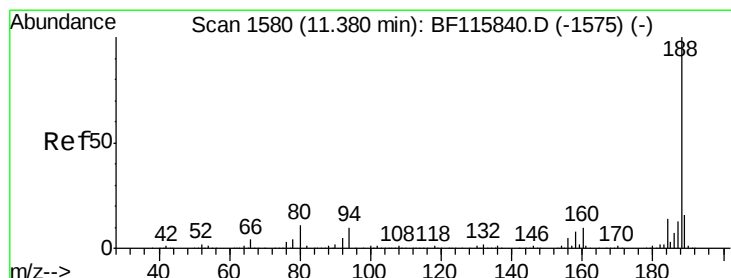
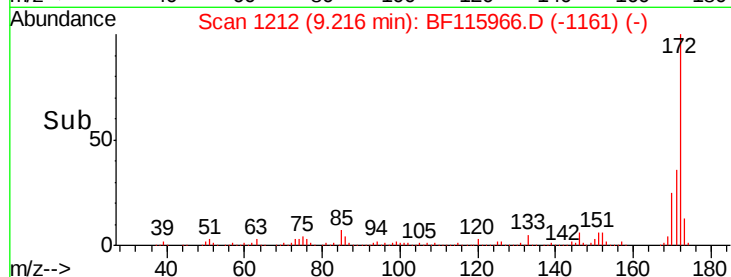
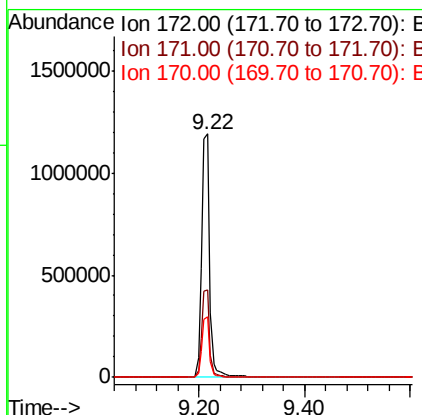
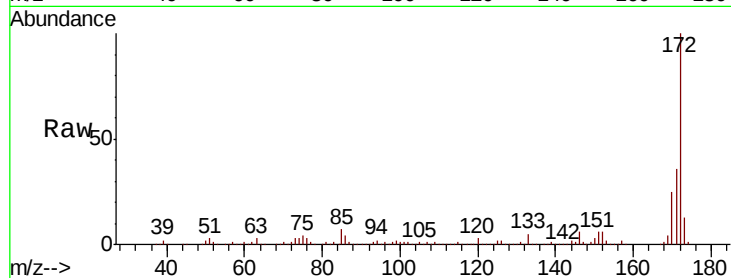


#45
 2-Fluorobiphenyl
 Concen: 91.519 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :
 20190598-FIELD-BLANK

Tot Ion:172 Resp: 1255196

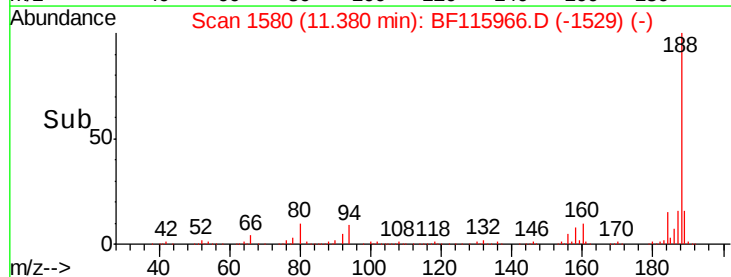
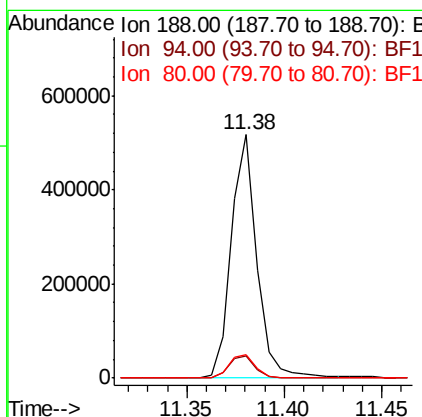
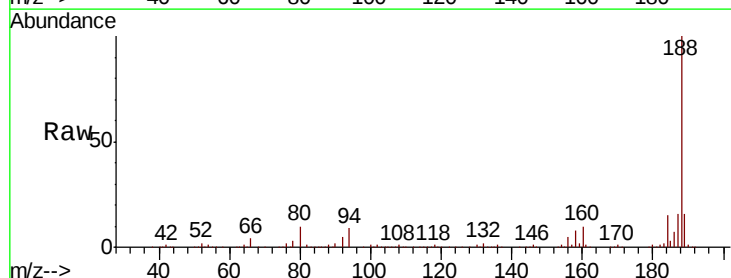
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	24.7	20.1	30.1

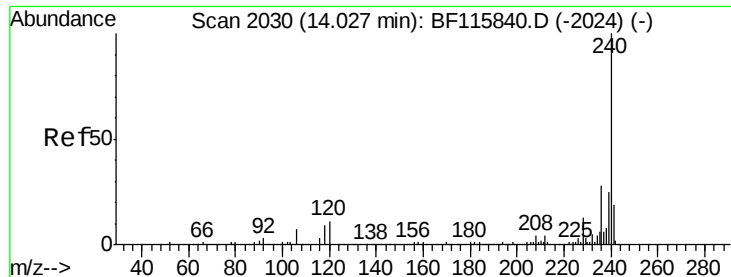


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

Tgt Ion:188 Resp: 469108

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.8	8.6	12.8

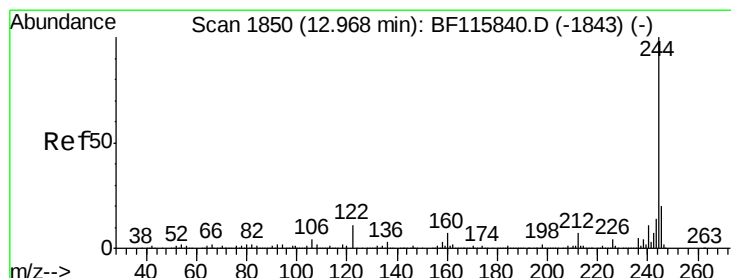
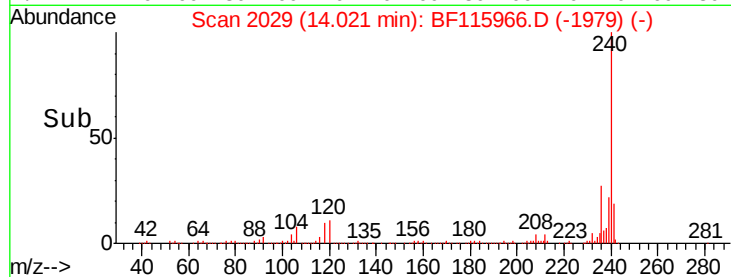
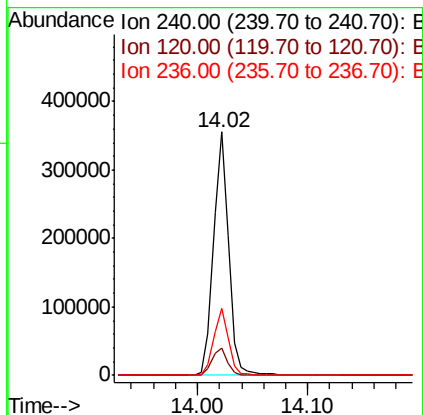
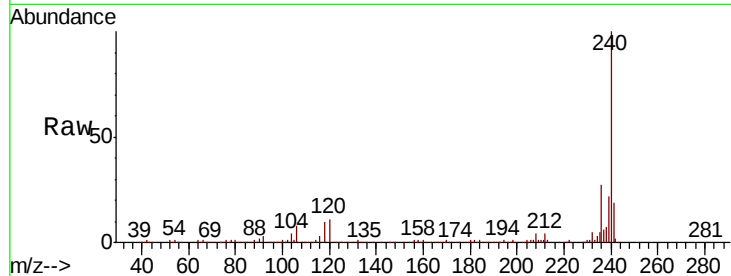




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

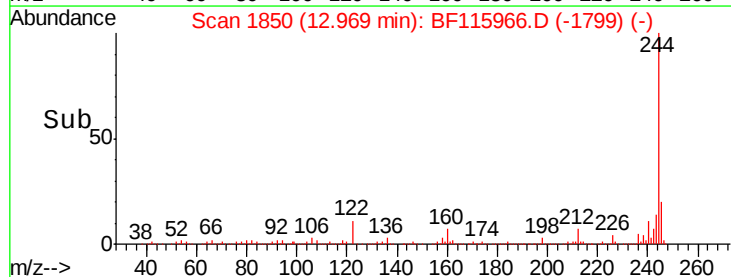
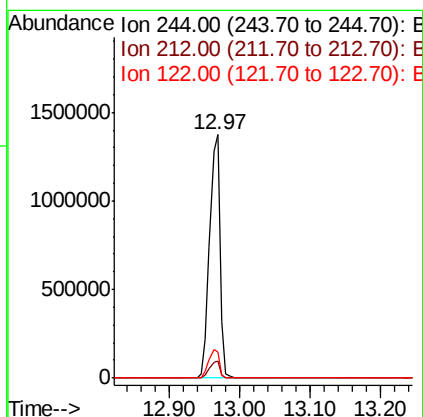
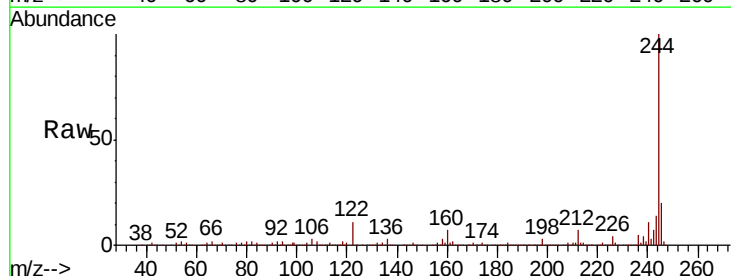
Instrument :
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 ClientSampleId :
 20190598-FIELD-BLANK

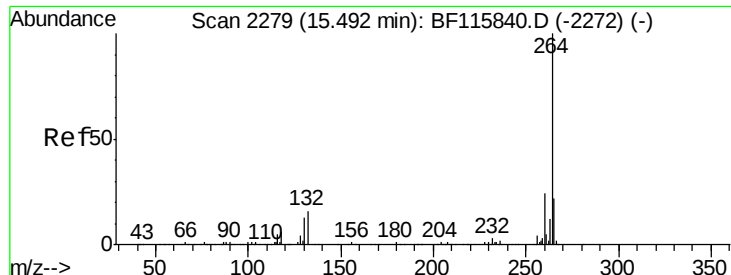
Tot Ion:240 Resp: 333584
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.5 12.7
 236 27.3 22.2 33.2



#79
 Terphenyl-d14
 Concen: 89.590 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115966.D
 Acq: 3 Aug 2019 00:06

Tgt Ion:244 Resp: 1418296
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.9 8.6 13.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115966.D
Acq: 3 Aug 2019 00:06

Instrument :
BNA_F
ClientSampleId :
20190598-FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.8	17.5	26.3

