

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
 Data File : BF115968.D
 Acq On : 3 Aug 2019 1:00
 Operator : HP/JU
 Sample : K4114-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PIT

Quant Time: Aug 03 03:42:30 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

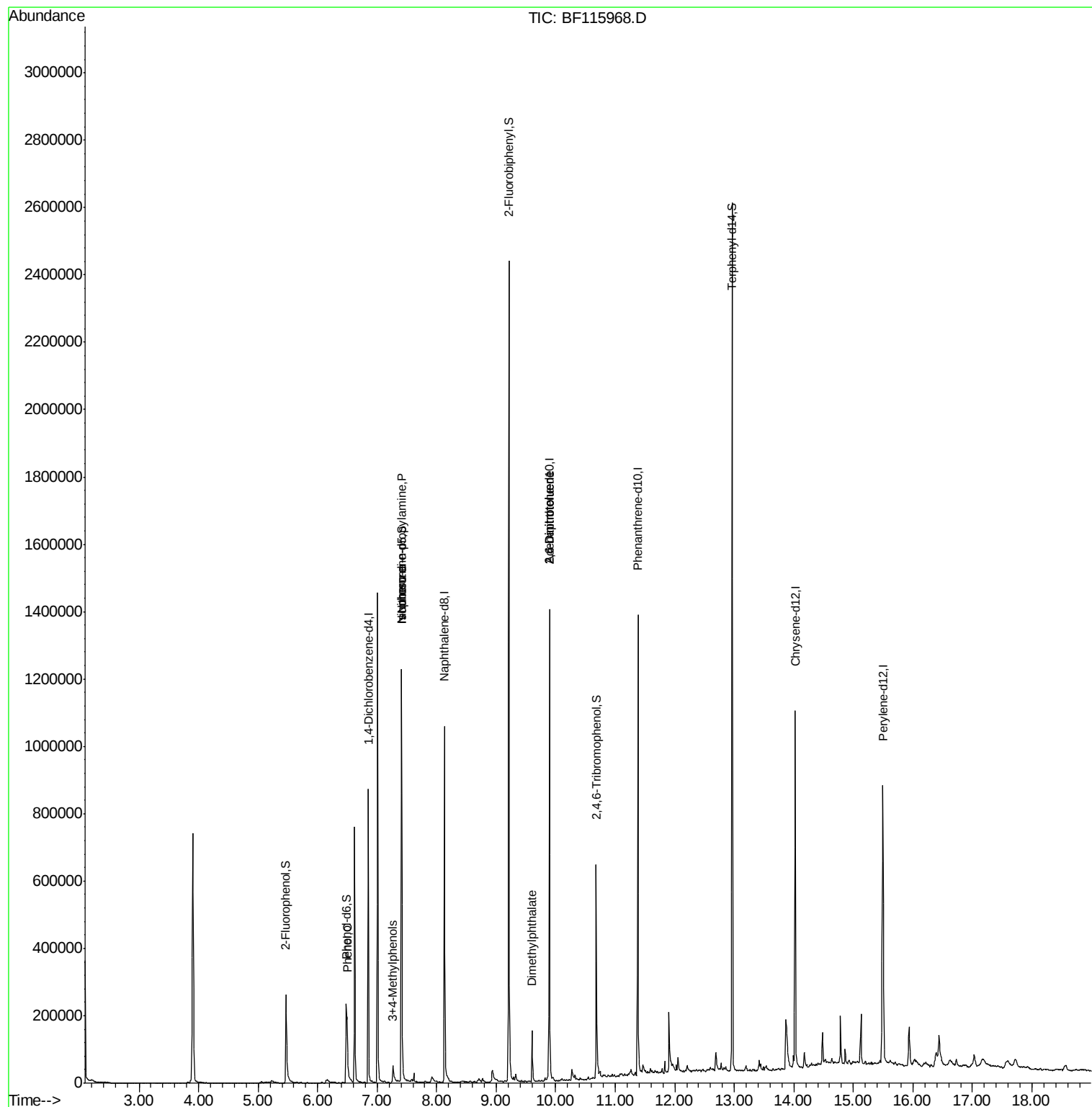
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123553	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	496642	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	268825	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	488615	20.00	ng	0.00
76) Chrysene-d12	14.02	240	337908	20.00	ng	0.00
87) Perylene-d12	15.49	264	385072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	102686	13.91	ng	0.00
7) Phenol-d6	6.48	99	89133	9.57	ng	0.00
23) Nitrobenzene-d5	7.41	82	398139	46.27	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	81022	31.09	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	732108	51.01	ng	0.00
79) Terphenyl-d14	12.96	244	850139	53.01	ng	0.00
Target Compounds						
10) Phenol	6.49	94	65144	5.941	ng	99
19) n-Nitroso-di-n-propylamine	7.41	70	53707	9.308	ng	# 79
20) 3+4-Methylphenols	7.26	107	30160	3.688	ng	# 66
25) Isophorone	7.41	82	398135	24.200	ng	# 66
50) Dimethylphthalate	9.60	163	61245	3.346	ng	100
51) 2,6-Dinitrotoluene	9.89	165	34258	8.612	ng	# 29
57) 2,4-Dinitrotoluene	9.89	165	34258	6.469	ng	# 25

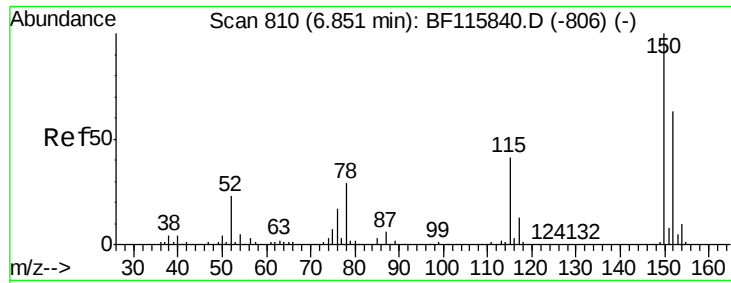
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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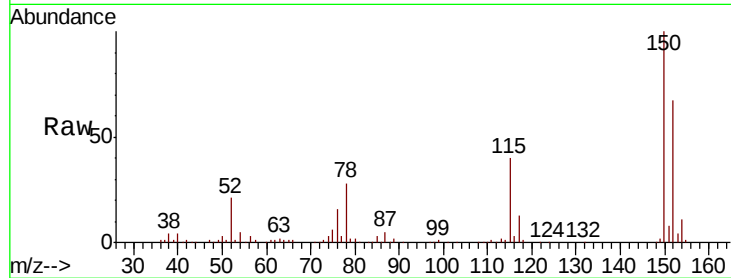


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Instrument :
BNA_F
ClientSampleId :
CS-TEST-PIT

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.9	127.4	191.0
115	59.6	51.8	77.8

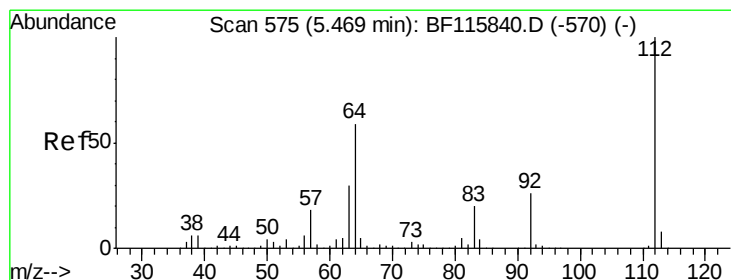
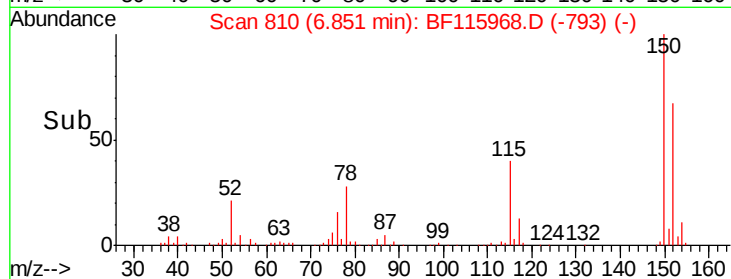
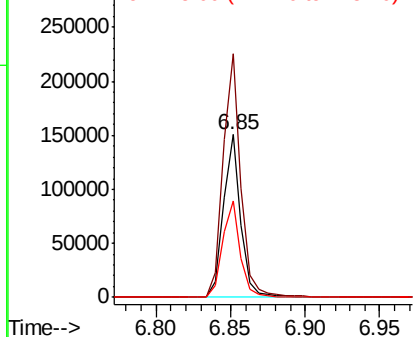


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

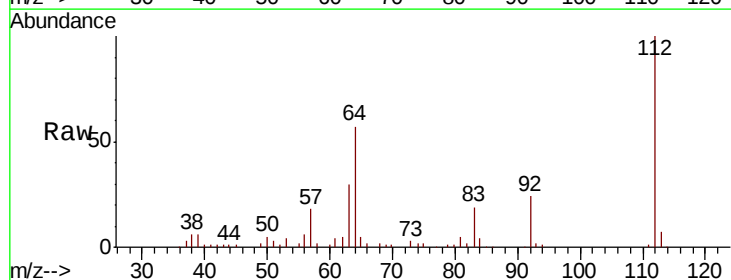
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 13.913 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.8	70.2
63	30.3	24.2	36.2

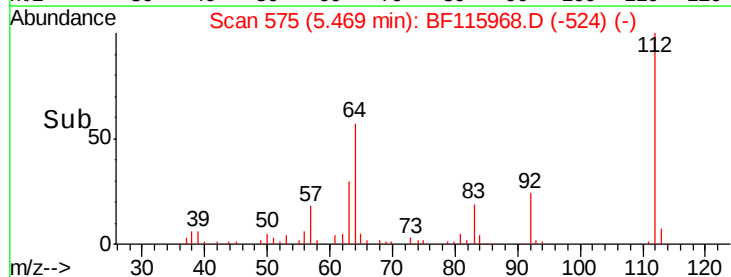
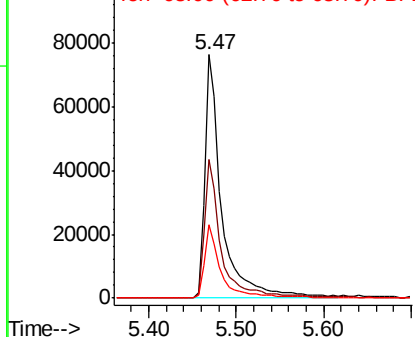


Abundance

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: 9.572 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PIT

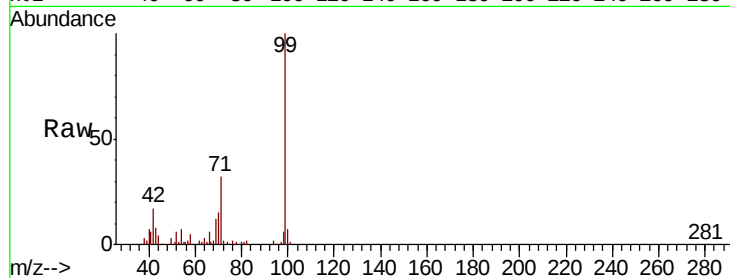
Tgt Ion: 99 Resp: 89133

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

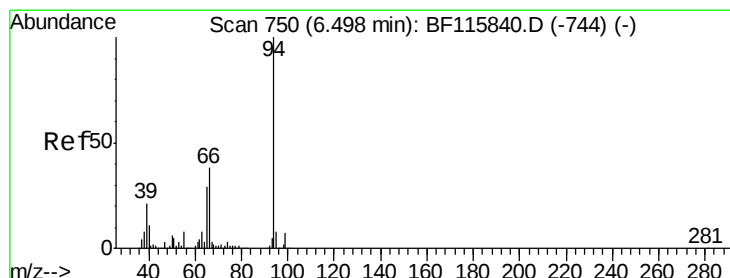
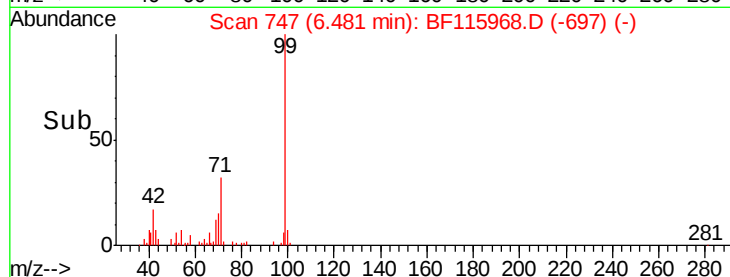
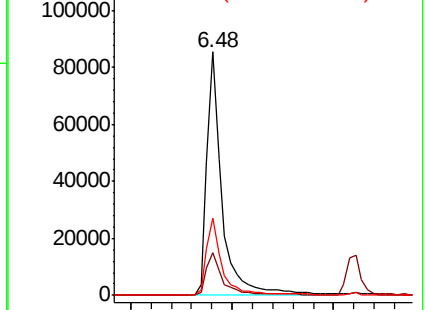
71 31.7 27.1 40.7



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: 5.941 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

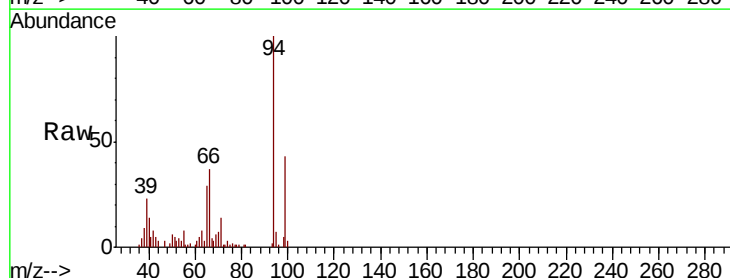
Tgt Ion: 94 Resp: 65144

Ion Ratio Lower Upper

94 100

65 29.4 8.9 48.9

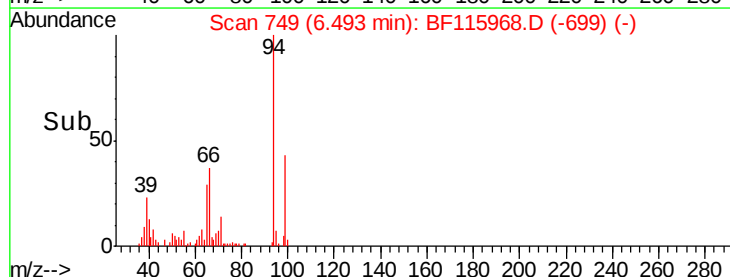
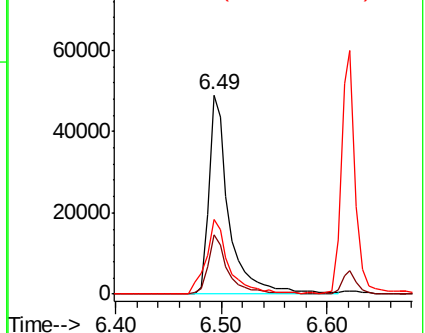
66 37.2 18.0 58.0

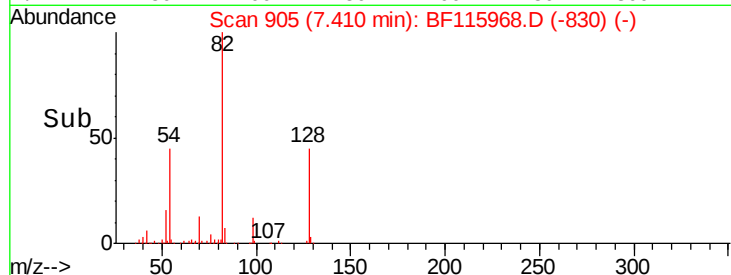
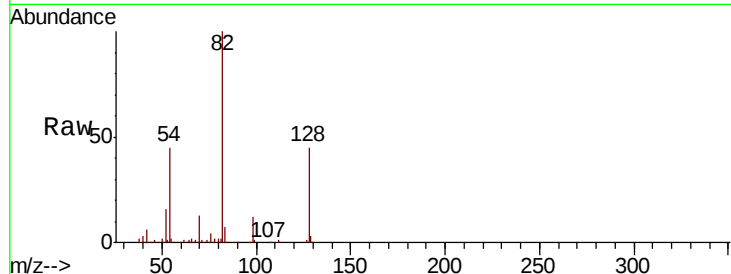
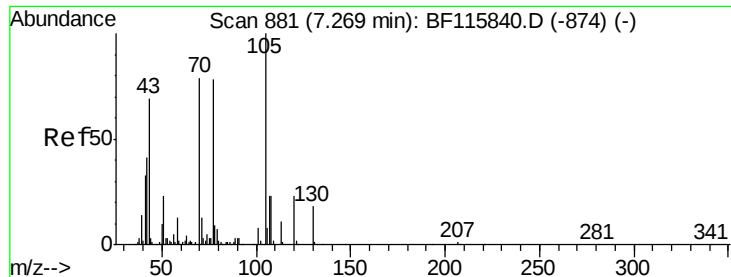


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

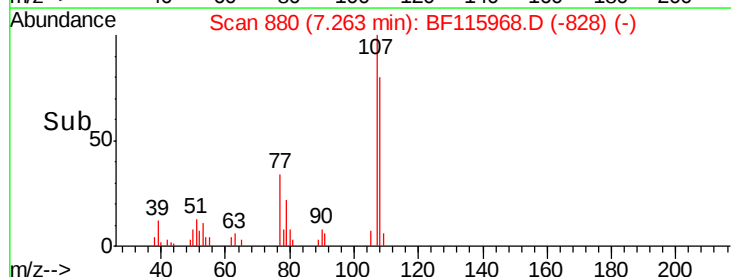
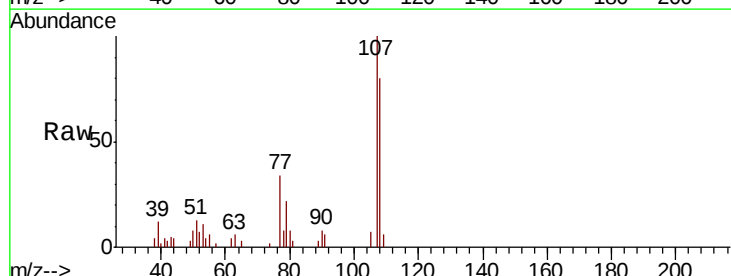
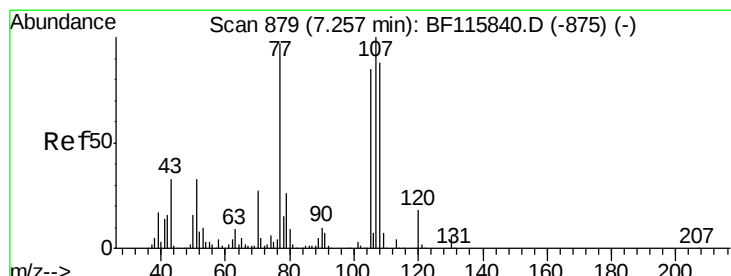
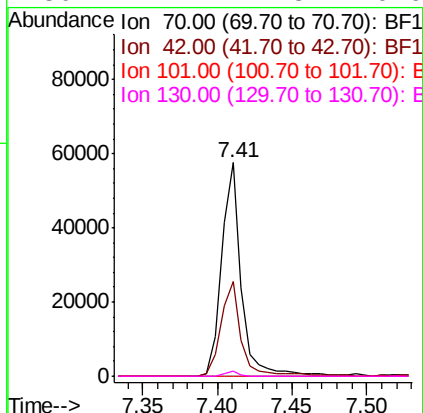




#19
n-Nitroso-di-n-propylamine
Concen: 9.308 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

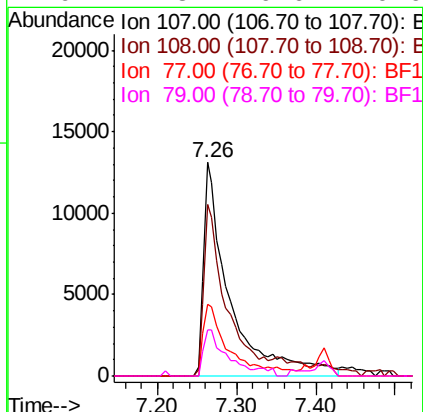
Instrument :
BNA_F
ClientSampleId :
CS-TEST-PIT

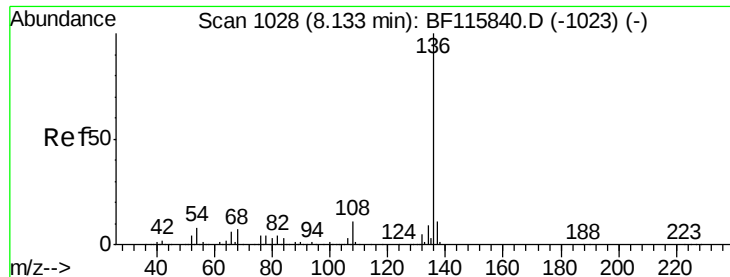
Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.6	41.8	62.8
101	0.0	7.7	11.5#
130	2.1	17.8	26.6#



#20
3+4-Methylphenols
Concen: 3.688 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.4	67.9	107.9
77	33.8	77.3	117.3#
79	21.8	6.6	46.6

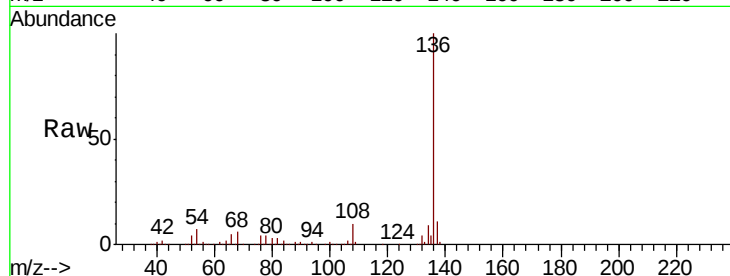




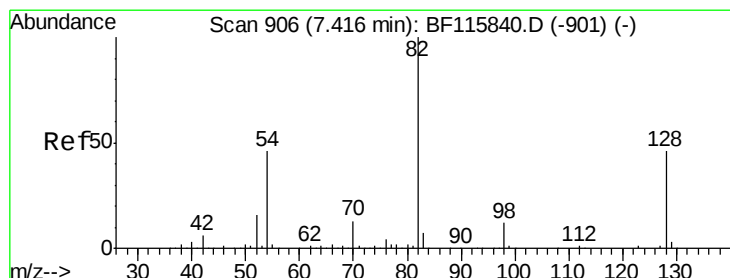
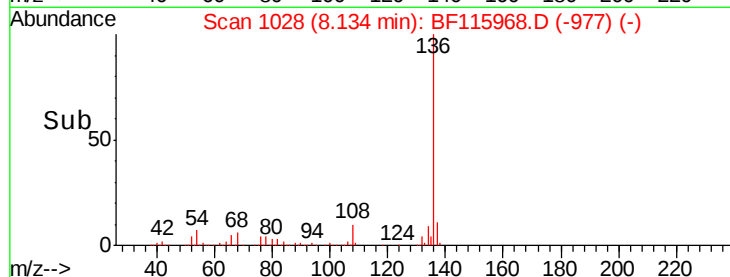
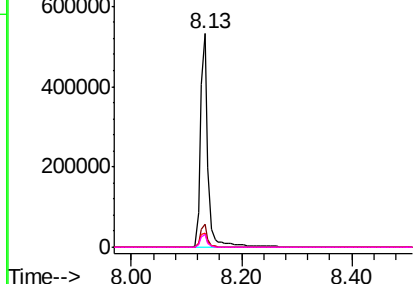
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Instrument :
BNA_F
ClientSampleId :
CS-TEST-PIT

Tgt Ion:	136	Resp:	496642
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.6	6.1	9.1
68	5.8	5.4	8.2

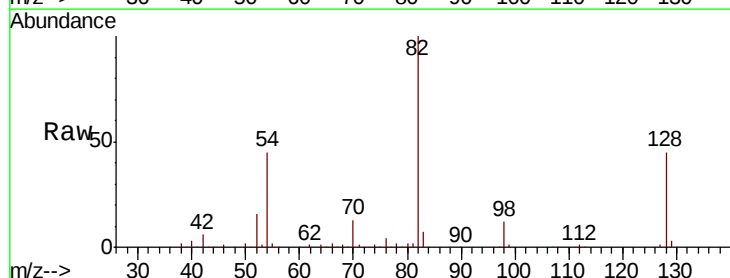


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

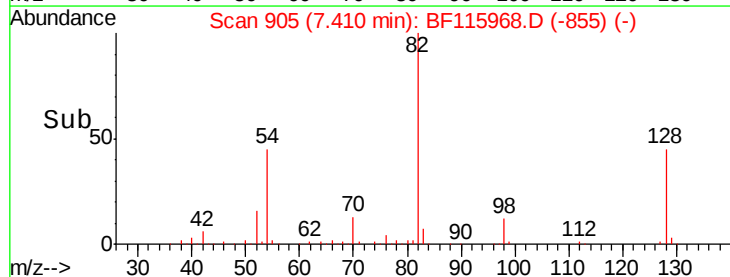
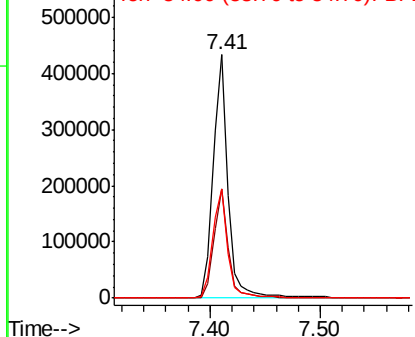


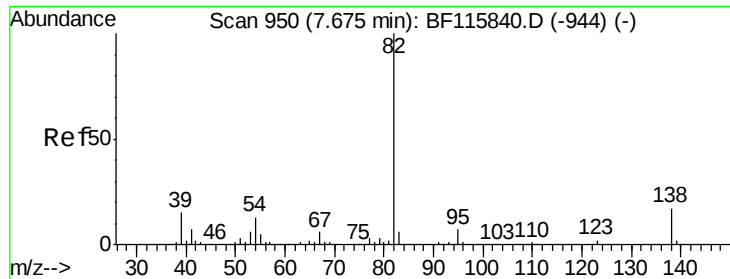
#23
Nitrobenzene-d5
Concen: 46.274 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Tgt Ion:	82	Resp:	398139
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.6	55.0
54	44.7	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





#25

Isophorone

Concen: 24.200 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PIT

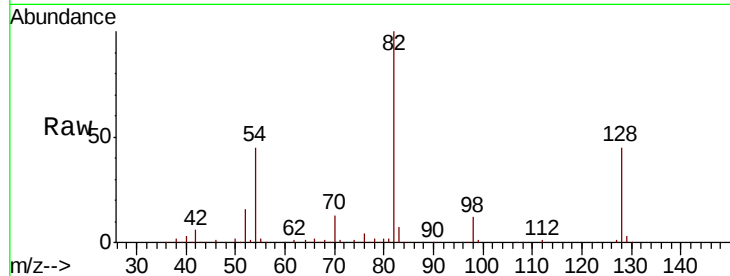
Tgt Ion: 82 Resp: 398135

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

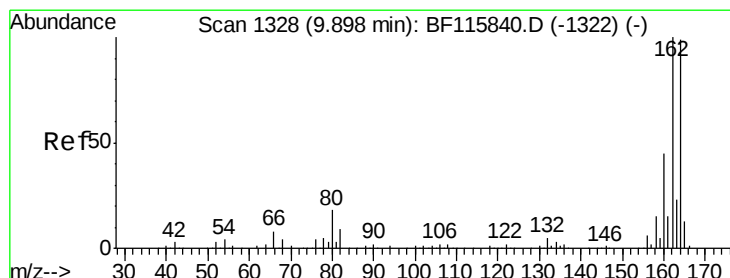
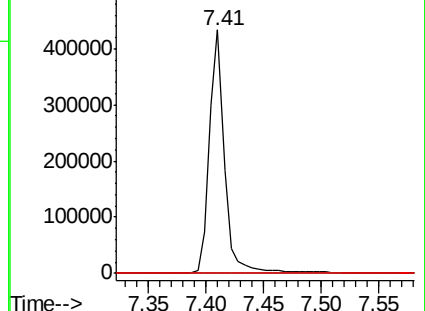
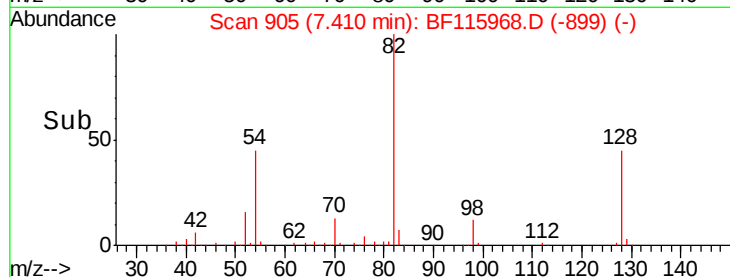
138 0.0 13.9 20.9#



Abundance Ion 82.00 (81.70 to 82.70): BF115968.D (-899) (-)

Ion 95.00 (94.70 to 95.70): BF115968.D (-899) (-)

Ion 138.00 (137.70 to 138.70): BF115968.D (-899) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115968.D

Acq: 3 Aug 2019 1:00

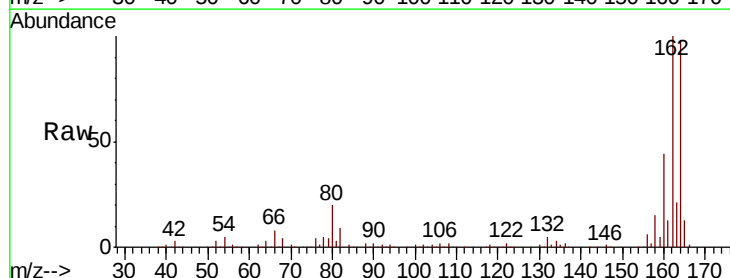
Tgt Ion: 164 Resp: 268825

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

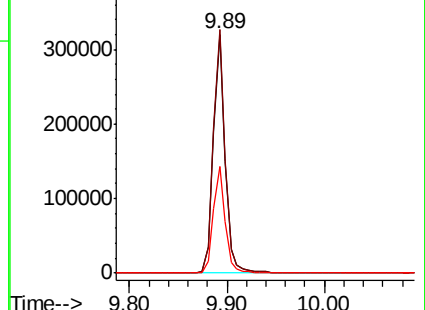
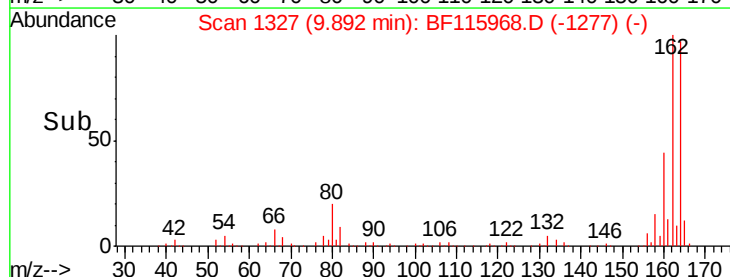
160 44.9 36.2 54.4

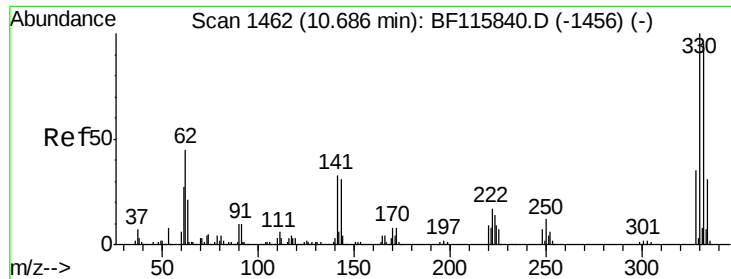


Abundance Ion 164.00 (163.70 to 164.70): BF115968.D (-1277) (-)

Ion 162.00 (161.70 to 162.70): BF115968.D (-1277) (-)

Ion 160.00 (159.70 to 160.70): BF115968.D (-1277) (-)

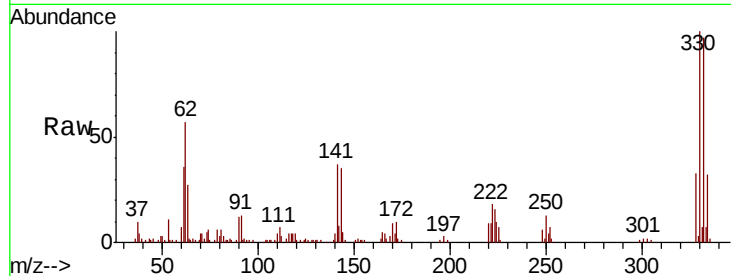




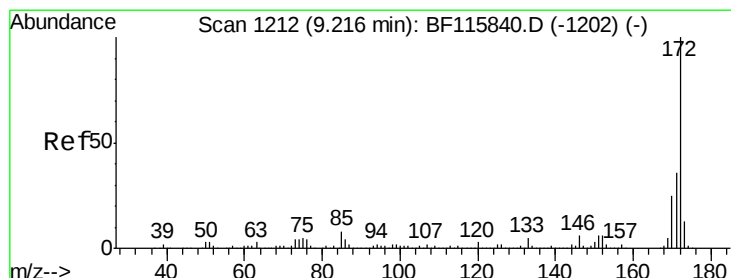
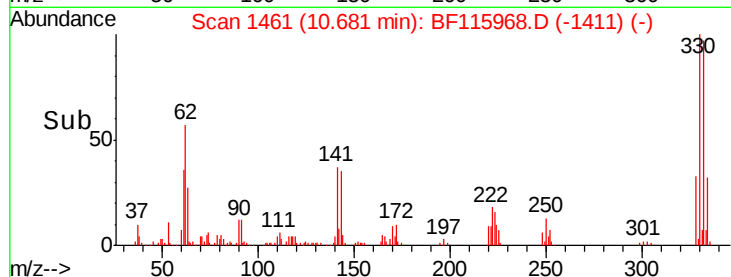
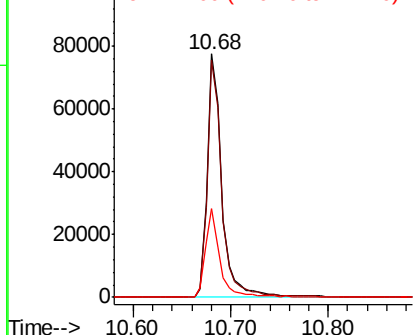
#42
 2,4,6-Tribromophenol
 Concen: 31.087 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115968.D
 Acq: 3 Aug 2019 1:00

Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PIT

Tgt Ion:330 Resp: 81022
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.7 116.5
 141 35.5 28.1 42.1

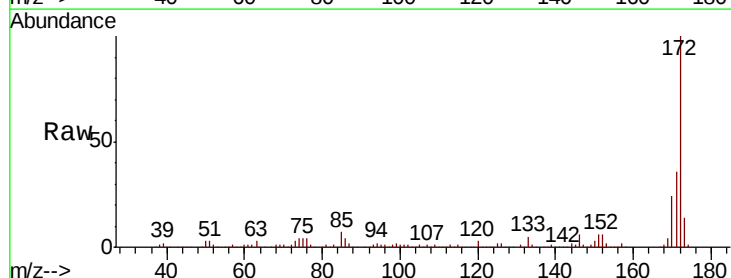


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

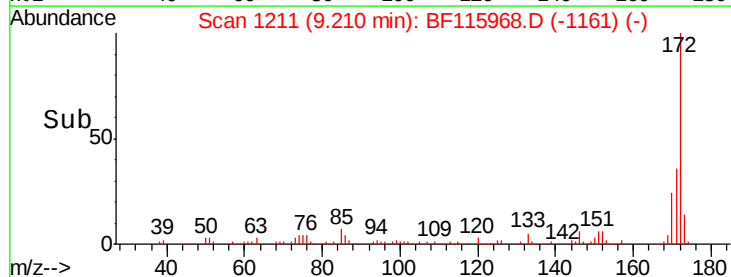
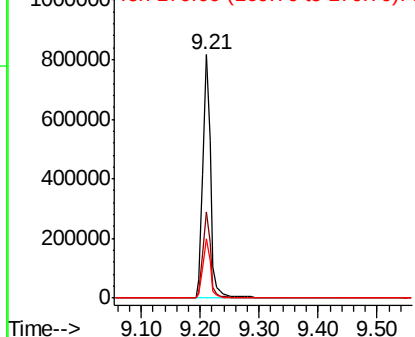


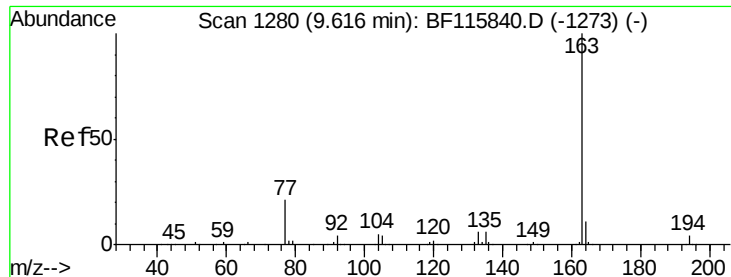
#45
 2-Fluorobiphenyl
 Concen: 51.011 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115968.D
 Acq: 3 Aug 2019 1:00

Tgt Ion:172 Resp: 732108
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.1 43.7
 170 24.5 20.1 30.1



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

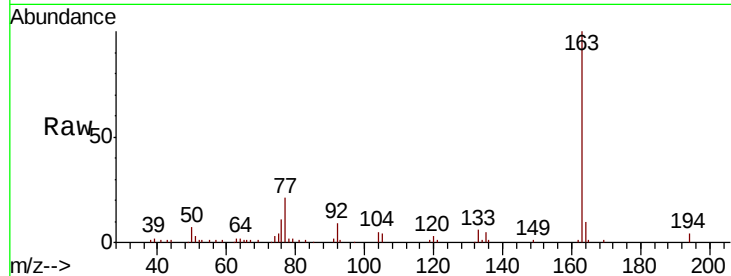




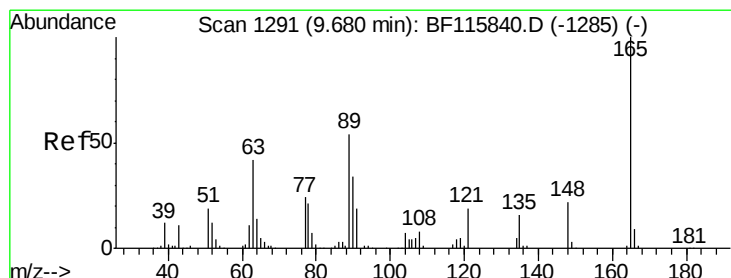
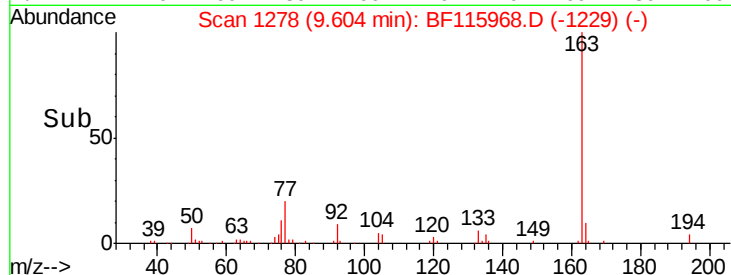
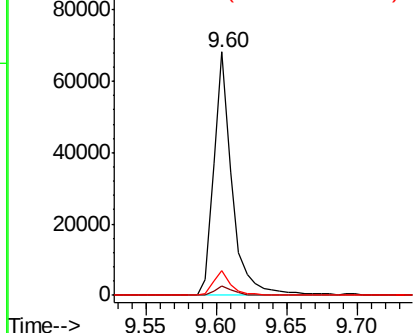
#50
Dimethylphthalate
Concen: 3.346 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Instrument :
BNA_F
ClientSampleId :
CS-TEST-PIT

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.3	8.4	12.6

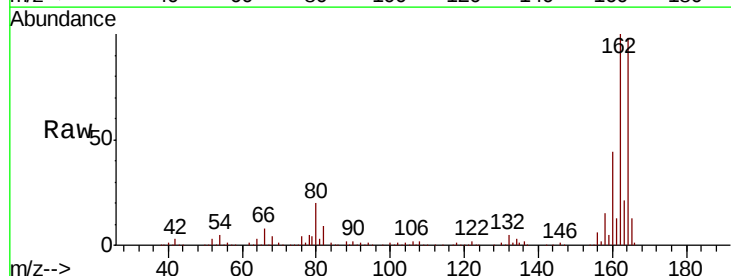


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

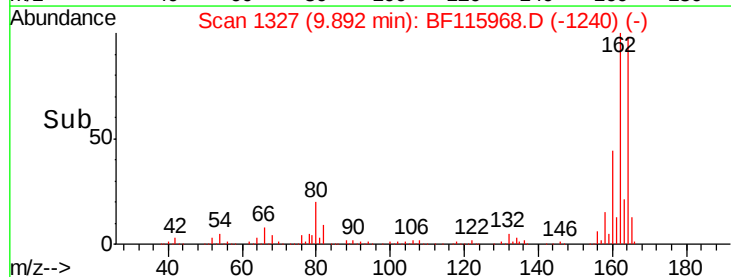
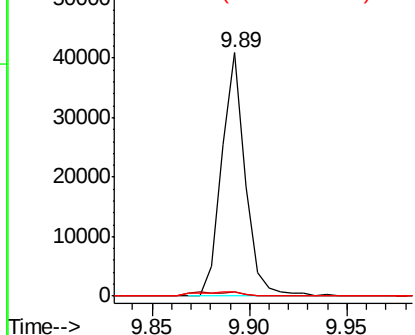


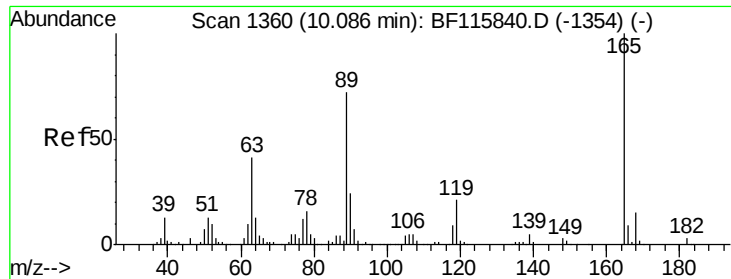
#51
2,6-Dinitrotoluene
Concen: 8.612 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	39.4	59.2#
89	1.7	43.0	64.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

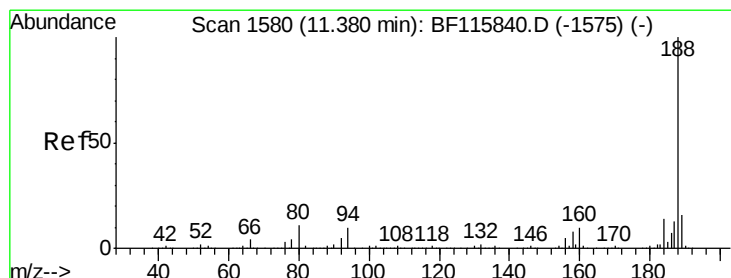
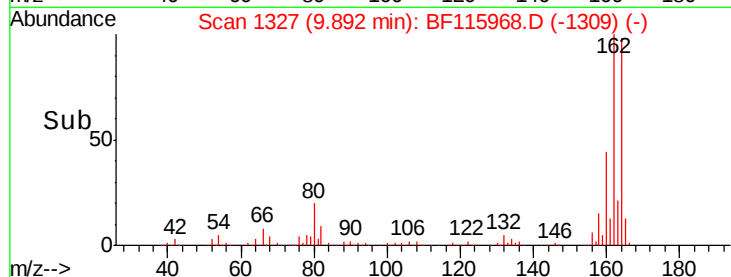
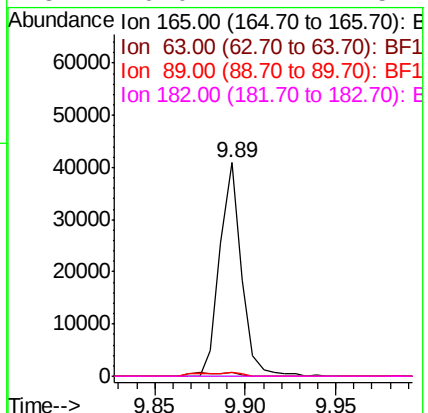
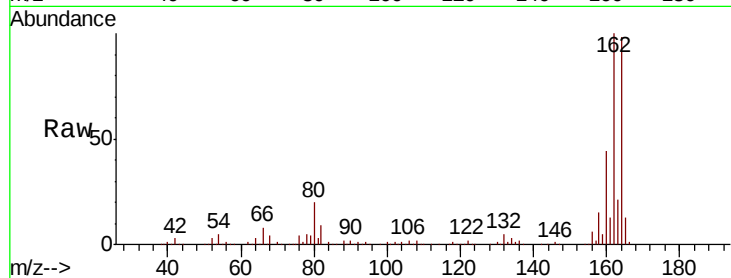




#57
 2,4-Dinitrotoluene
 Concen: 6.469 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115968.D
 Acq: 3 Aug 2019 1:00

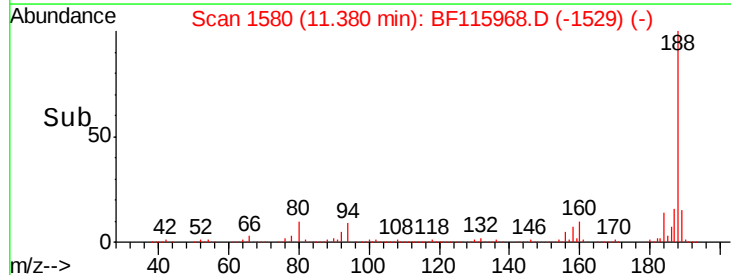
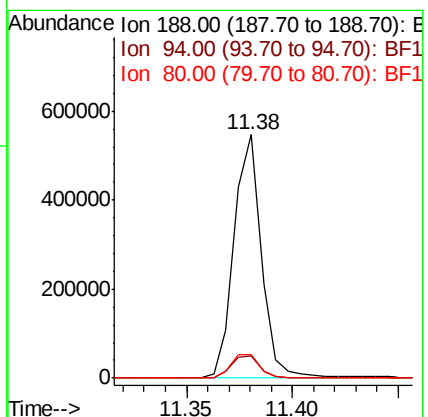
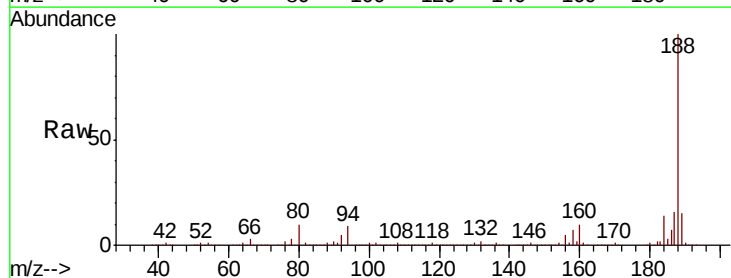
Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PIT

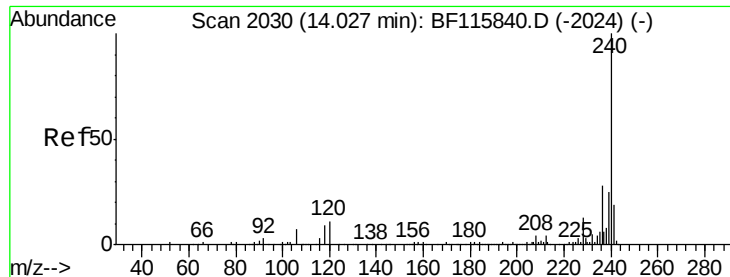
Tgt Ion:	165	Resp:	34258
Ion Ratio	Lower	Upper	
165	100		
63	1.6	33.2	49.8#
89	1.7	57.3	85.9#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115968.D
 Acq: 3 Aug 2019 1:00

Tgt Ion:	188	Resp:	488615
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.0	12.0
80	9.6	8.6	12.8

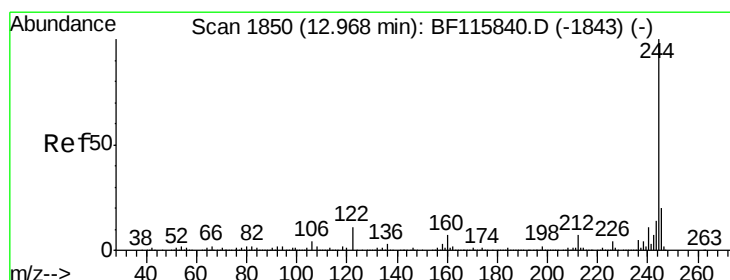
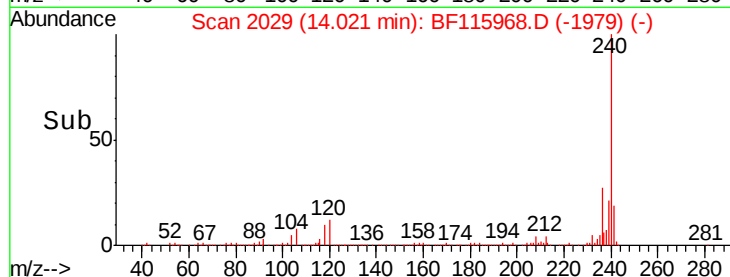
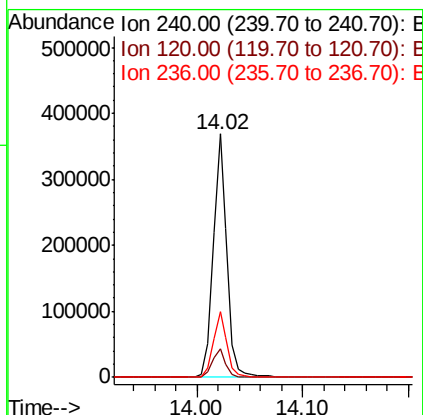
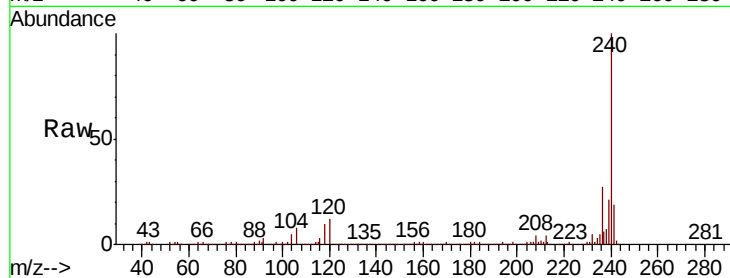




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

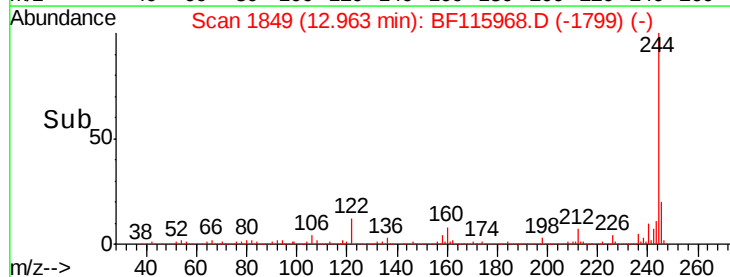
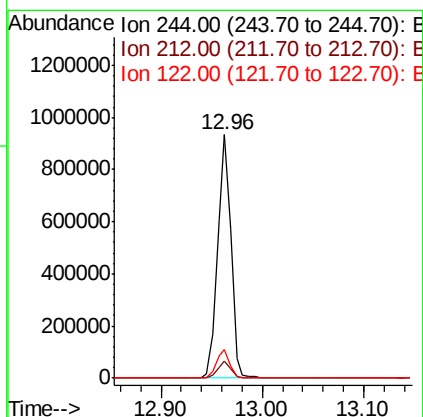
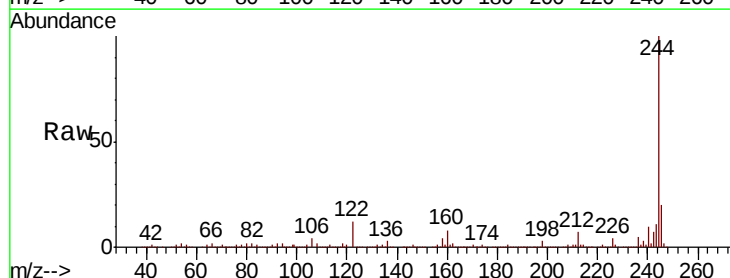
Instrument :
BNA_F
ClientSampleId :
CS-TEST-PIT

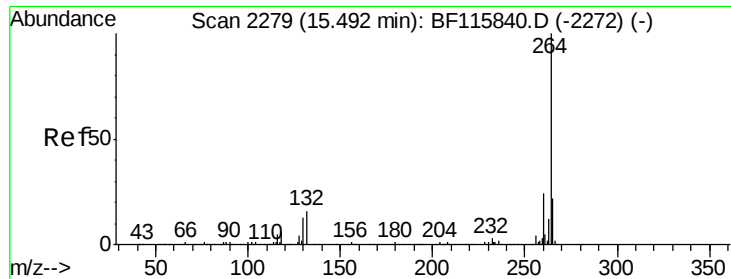
Tgt Ion:240 Resp: 337908
Ion Ratio Lower Upper
240 100
120 11.8 8.5 12.7
236 27.2 22.2 33.2



#79
Terphenyl-d14
Concen: 53.014 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Tgt Ion:244 Resp: 850139
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.6 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115968.D
Acq: 3 Aug 2019 1:00

Instrument :
BNA_F
ClientSampleId :
CS-TEST-PIT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.0	17.5	26.3

