

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117864.D
 Acq On : 19 Nov 2019 17:25
 Operator : JU
 Sample : K5904-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:31:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

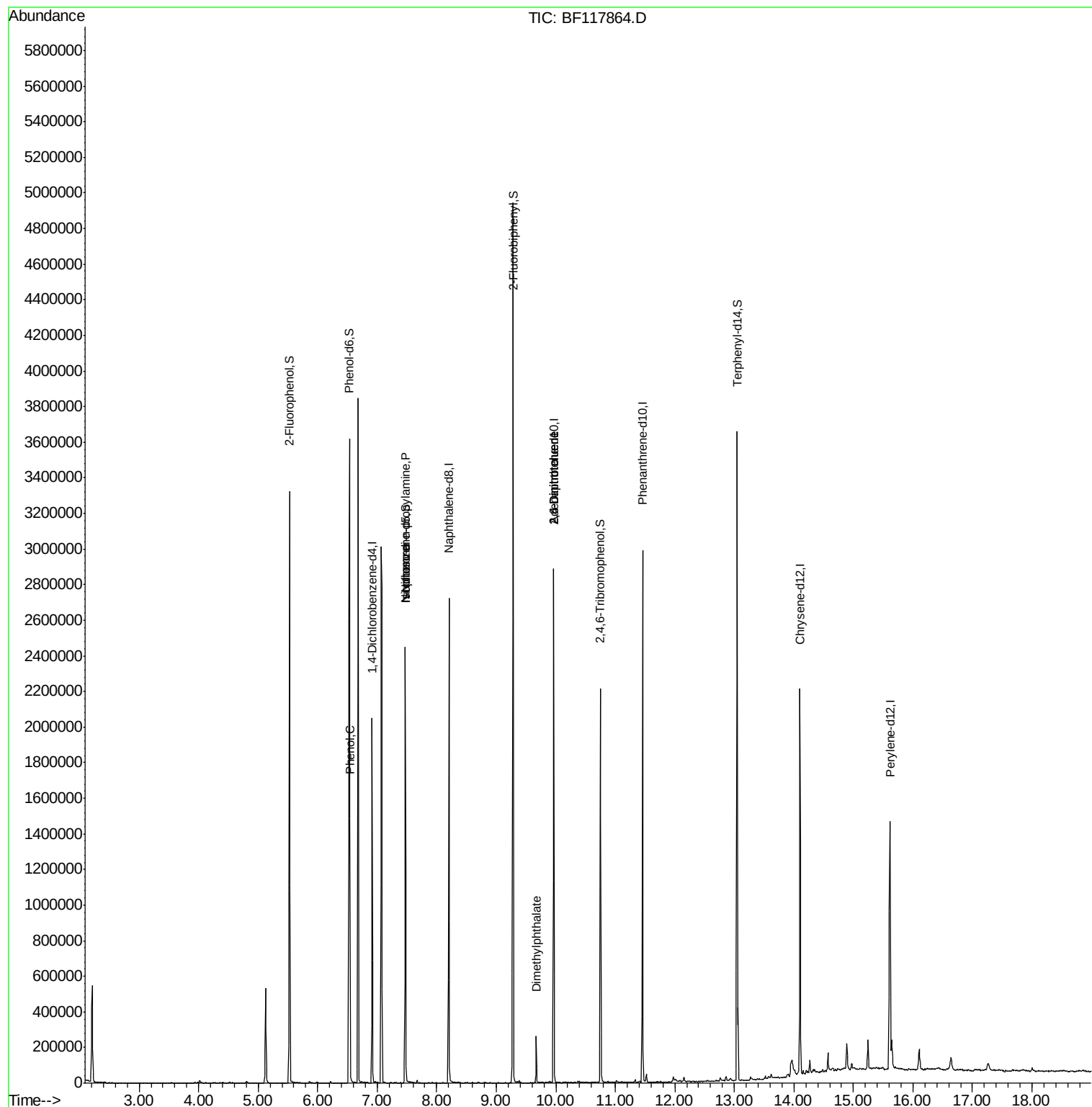
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	282071	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	1156201	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	617673	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	1005948	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	663367	20.00	ng	-0.01
87) Perylene-d12	15.62	264	673731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	875826	54.96	ng	0.00
7) Phenol-d6	6.53	99	1183809	61.59	ng	-0.01
23) Nitrobenzene-d5	7.47	82	703052	36.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	246951	37.76	ng	-0.02
45) 2-Fluorobiphenyl	9.28	172	1315756	38.22	ng	-0.01
79) Terphenyl-d14	13.04	244	1153368	31.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	2239	Below Cal	Qvalue	# 1
10) Phenol	6.55	94	50032	2.505	ng	97
19) n-Nitroso-di-n-propylamine	7.47	70	96321	8.123	ng	# 76
25) Isophorone	7.47	82	697967	19.579	ng	# 62
50) Dimethylphthalate	9.67	163	102038	2.356	ng	97
51) 2,6-Dinitrotoluene	9.96	165	80540	8.508	ng	# 23
57) 2,4-Dinitrotoluene	9.96	165	80540	6.688	ng	# 25
75) Fluoranthene	12.67	202	1252	Below Cal		63

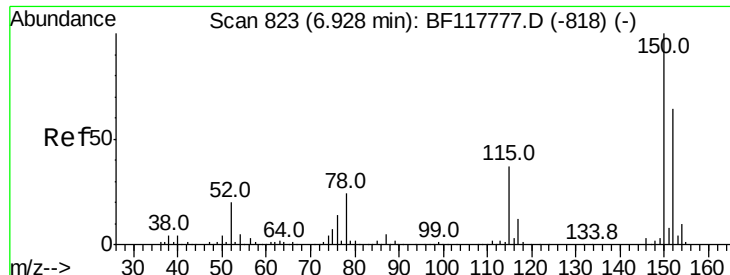
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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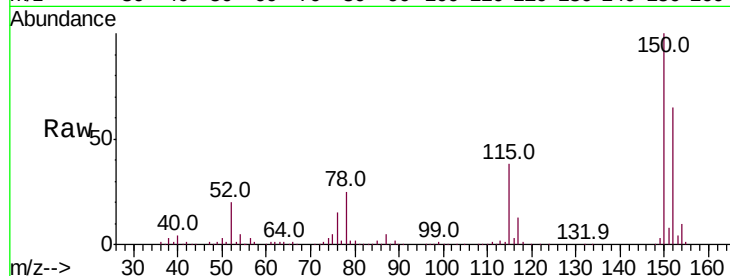


#1

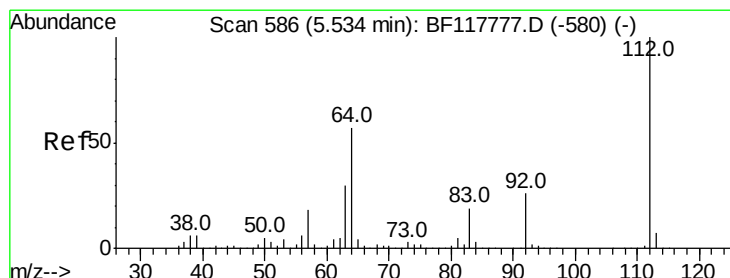
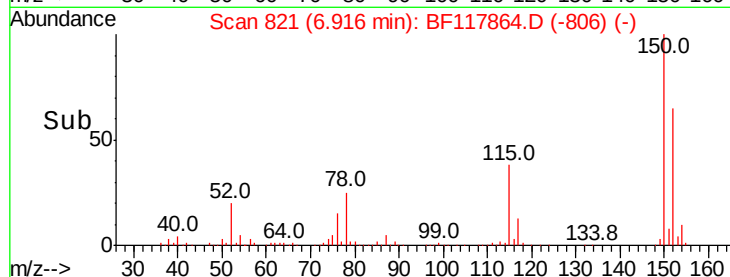
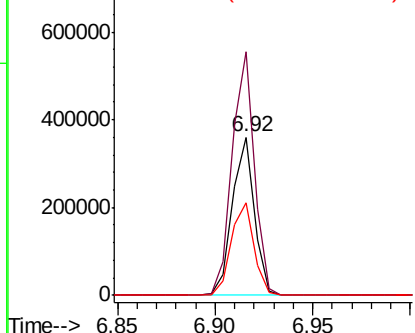
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117864.D
Acq: 19 Nov 2019 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 282071
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 58.8 47.0 70.4



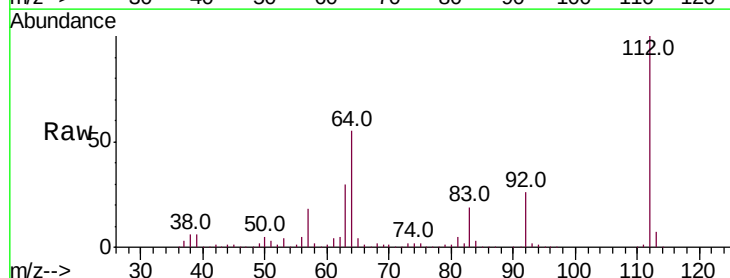
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



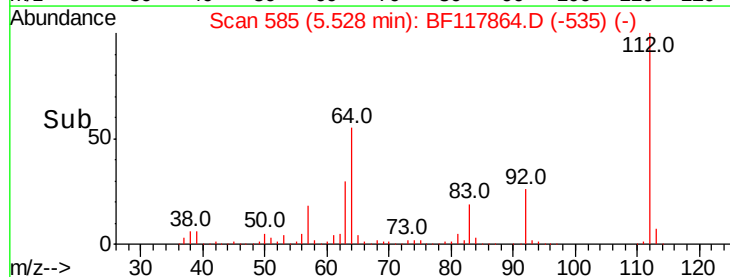
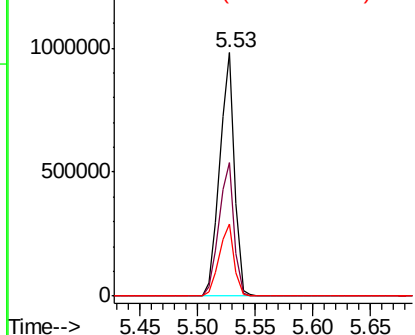
#5

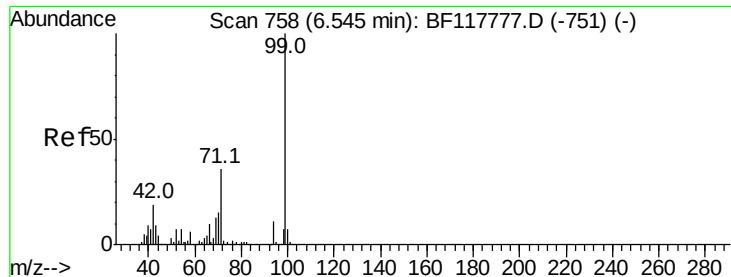
2-Fluorophenol
Concen: 54.962 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117864.D
Acq: 19 Nov 2019 17:25

Tgt Ion:112 Resp: 875826
Ion Ratio Lower Upper
112 100
64 54.9 45.6 68.4
63 29.6 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: 61.591 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

Instrument :

BNA_F

ClientSampleId :

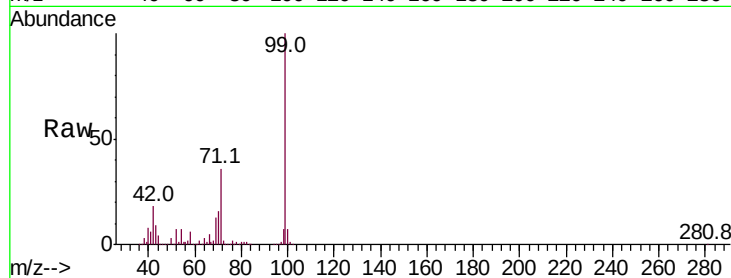
Tot Ion: 99 Resp: 1183809

Ion Ratio Lower Upper

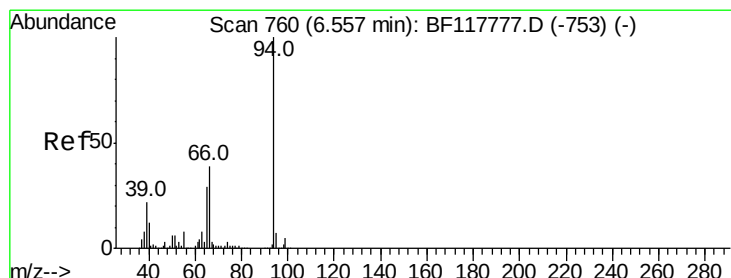
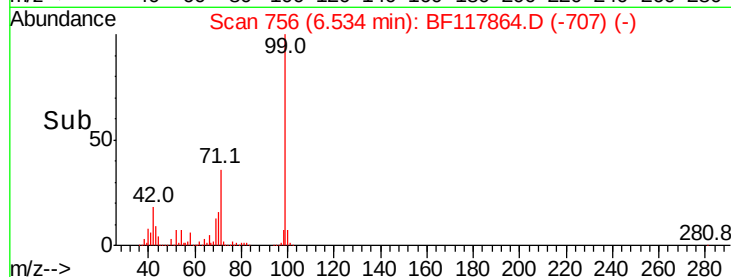
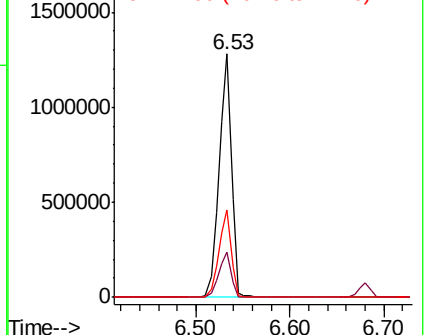
99 100

42 18.4 14.9 22.3

71 36.0 28.6 43.0



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: 2.505 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

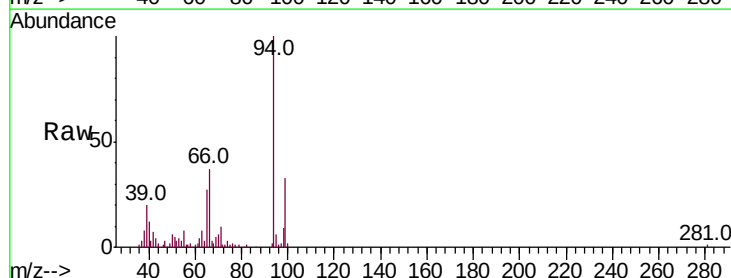
Tgt Ion: 94 Resp: 50032

Ion Ratio Lower Upper

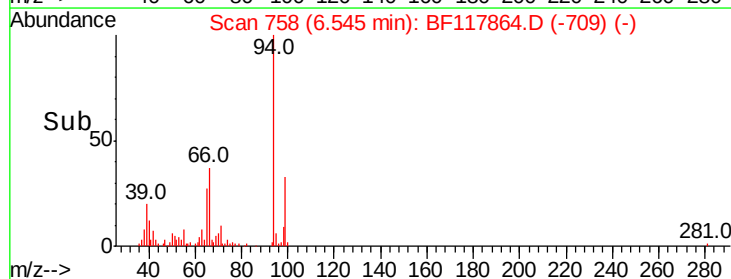
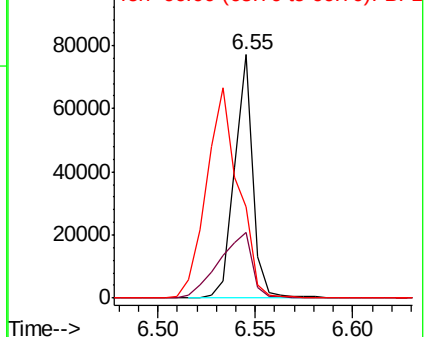
94 100

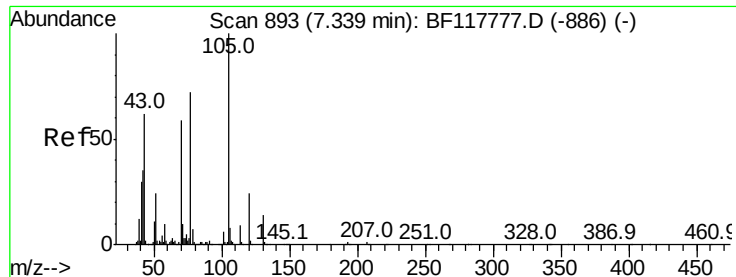
65 26.9 8.9 48.9

66 37.3 18.7 58.7



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: 8.123 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF117864.D

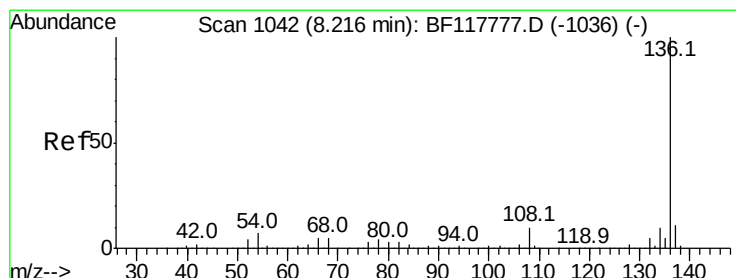
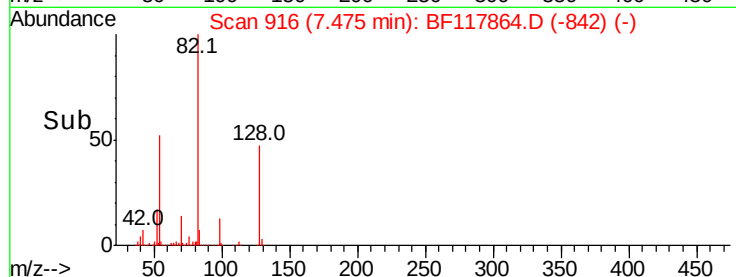
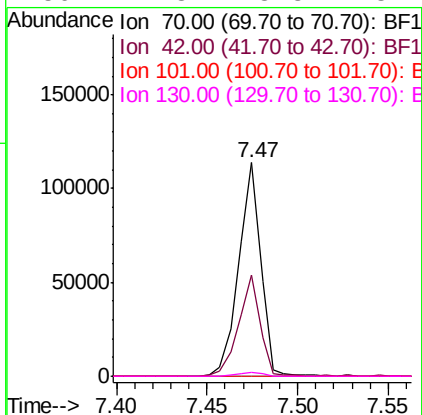
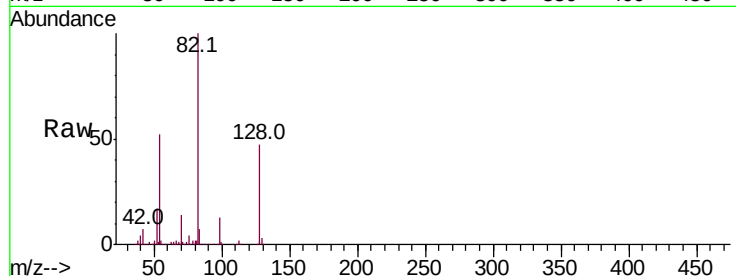
Acq: 19 Nov 2019 17:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	96321
Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	8.4	12.6#
130	1.8	18.8	28.2#



#21

Naphthalene-d8

Concen: 20.000 ng

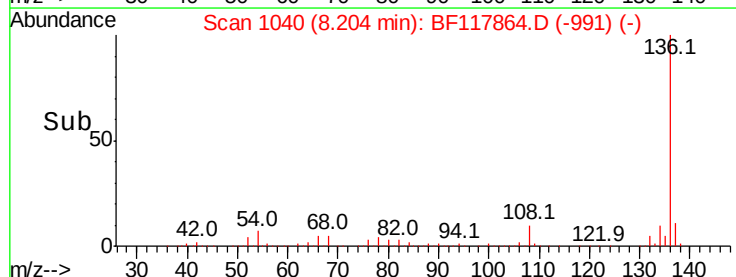
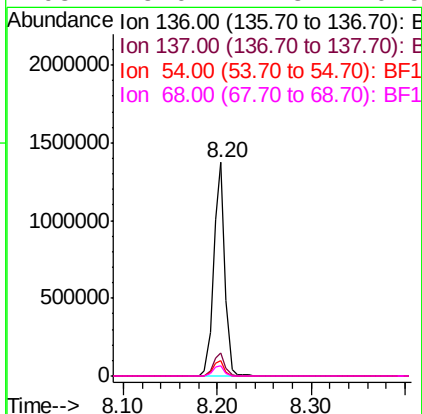
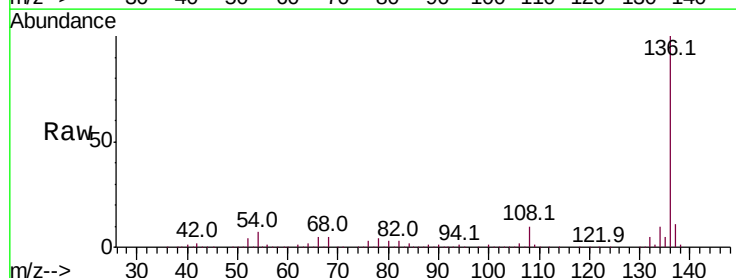
RT: 8.20 min Scan# 1040

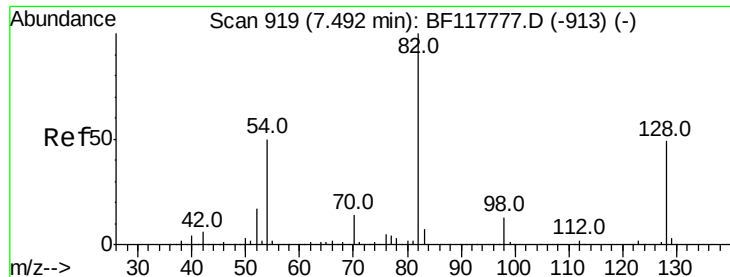
Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

Tgt Ion:	136	Resp:	1156201
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.4	8.2
68	5.0	4.3	6.5

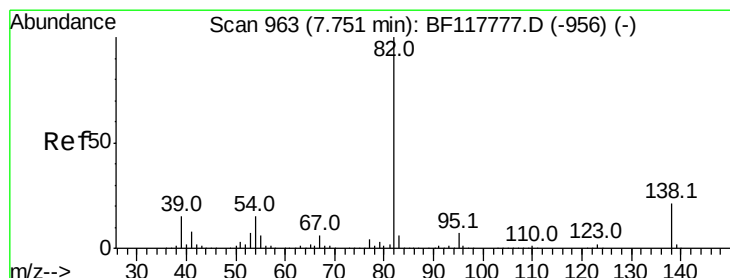
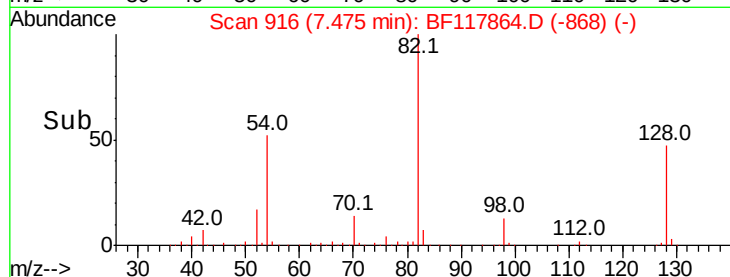
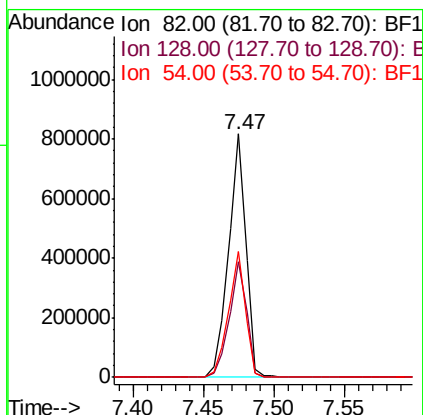
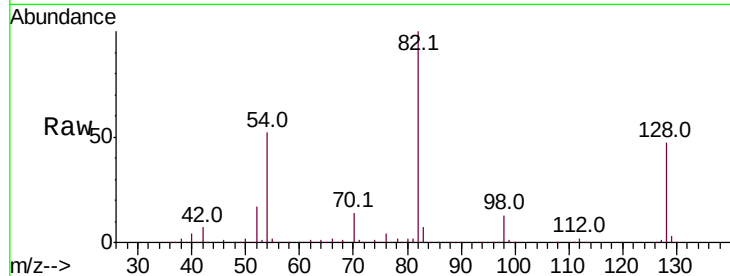




#23
 Nitrobenzene-d5
 Concen: 36.147 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

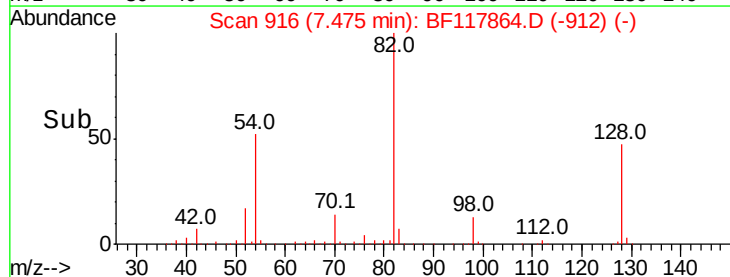
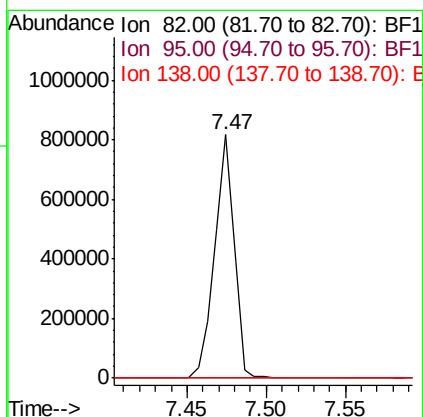
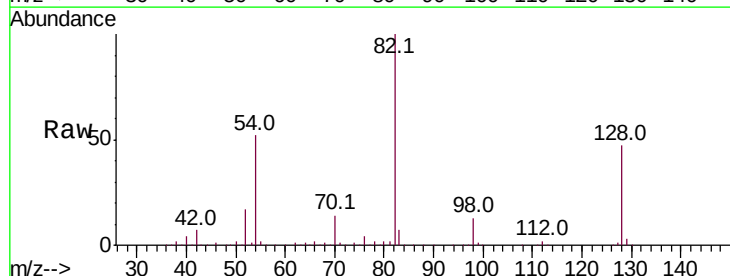
Instrument :
 BNA_F
 ClientSampleId :

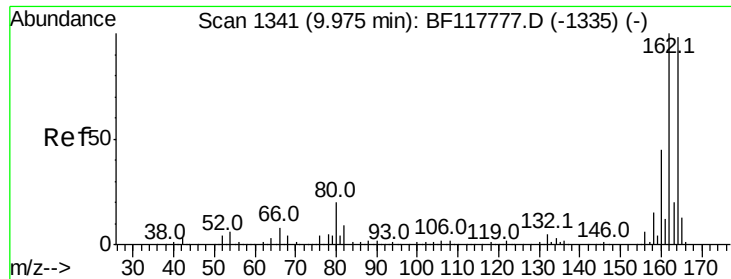
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.9	58.3
54	51.7	39.8	59.6



#25
 Isophorone
 Concen: 19.579 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.28 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#

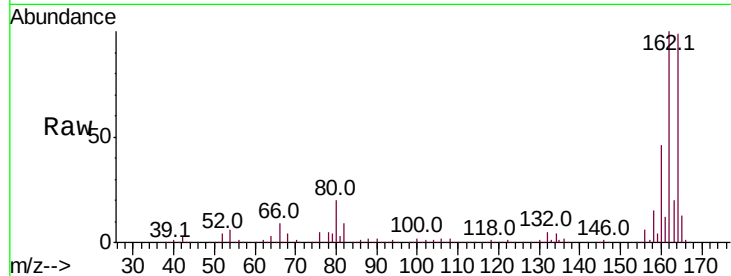




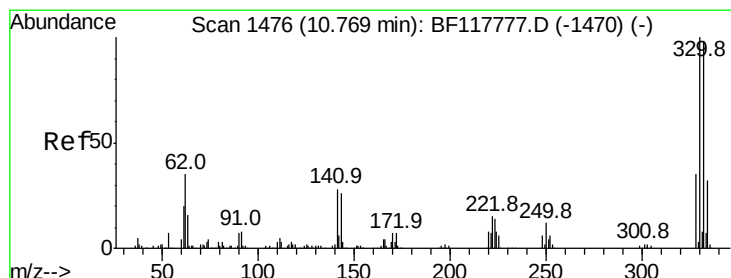
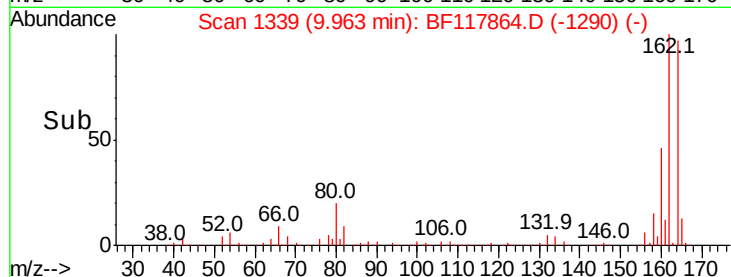
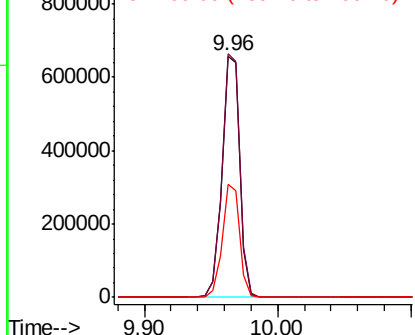
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117864.D
Acq: 19 Nov 2019 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 617673
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 46.8 36.6 55.0

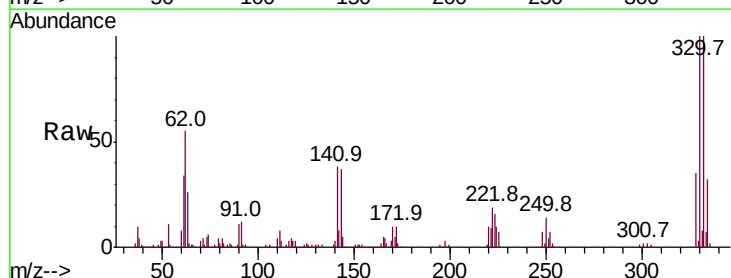


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

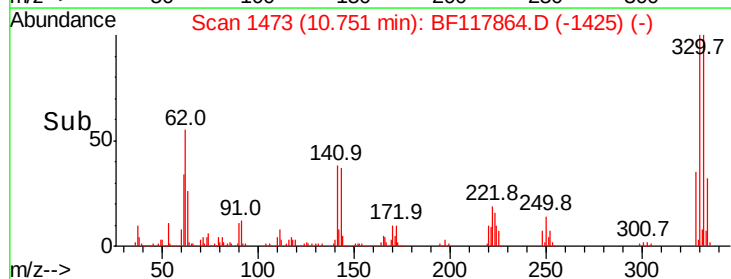
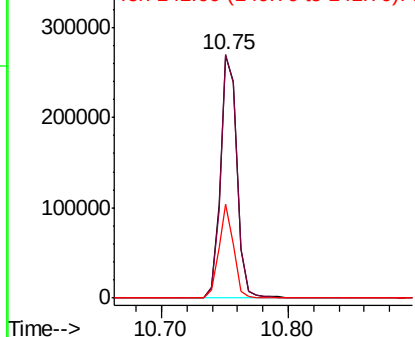


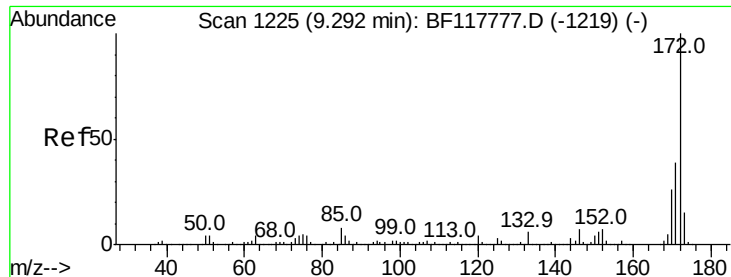
#42
2,4,6-Tribromophenol
Concen: 37.764 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117864.D
Acq: 19 Nov 2019 17:25

Tgt Ion:330 Resp: 246951
Ion Ratio Lower Upper
330 100
332 98.8 76.7 115.1
141 34.5 27.7 41.5



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



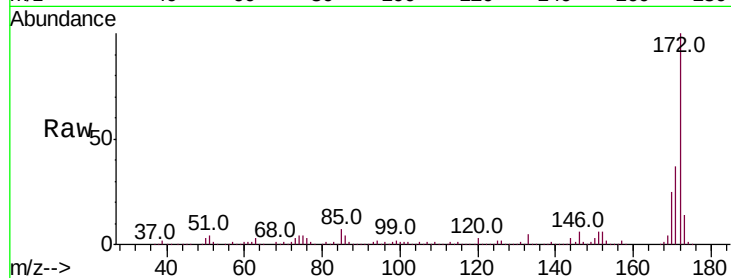


#45
 2-Fluorobiphenyl
 Concen: 38.216 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

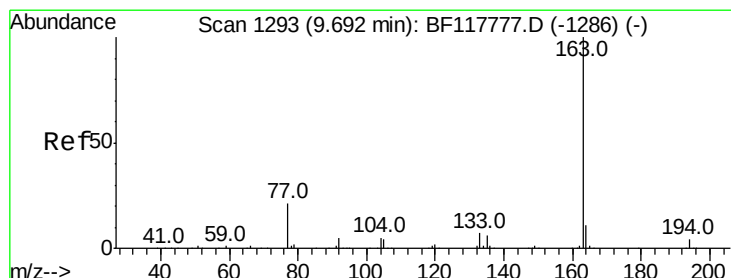
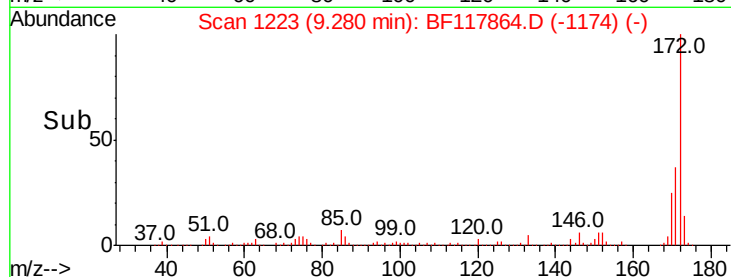
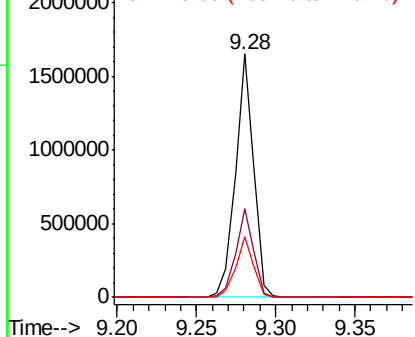
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1315756

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.9	46.3
170	24.7	21.0	31.4



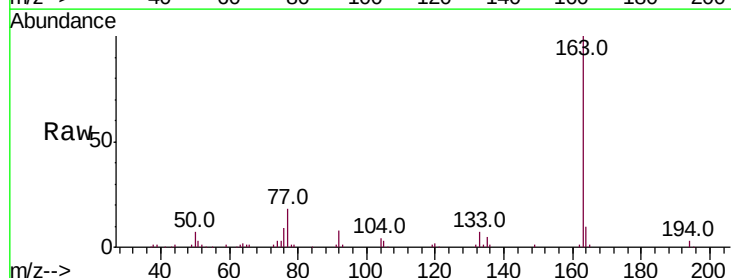
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



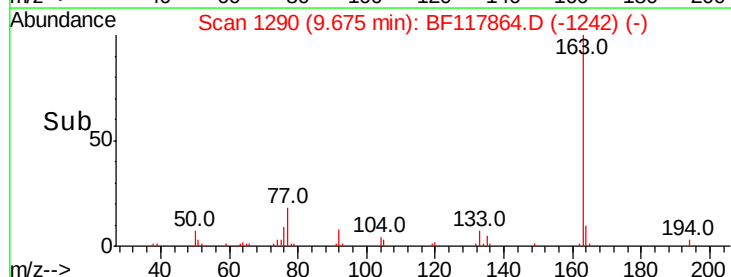
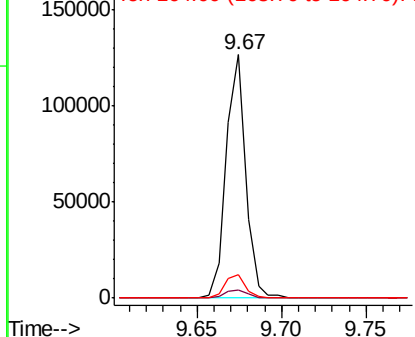
#50
 Dimethylphthalate
 Concen: 2.356 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

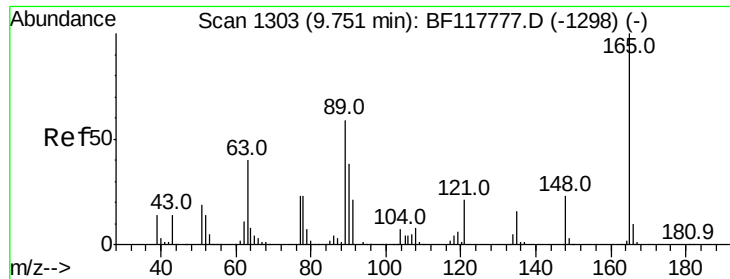
Tgt Ion:163 Resp: 102038

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.3	4.9
164	9.8	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

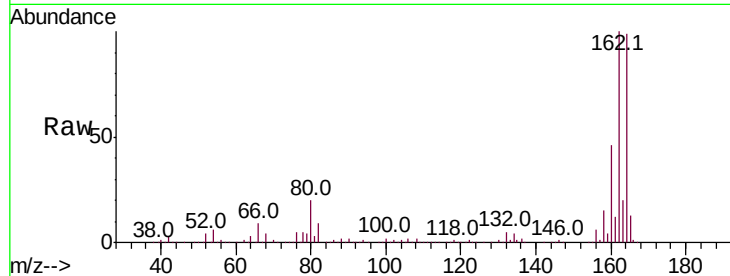




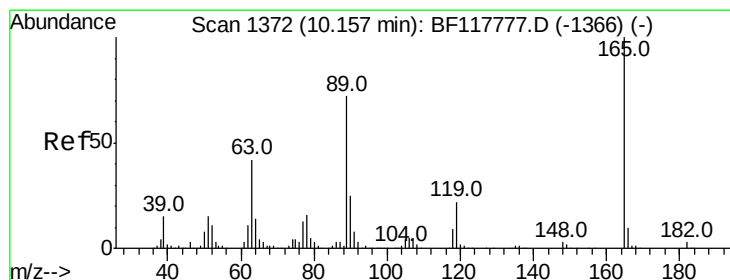
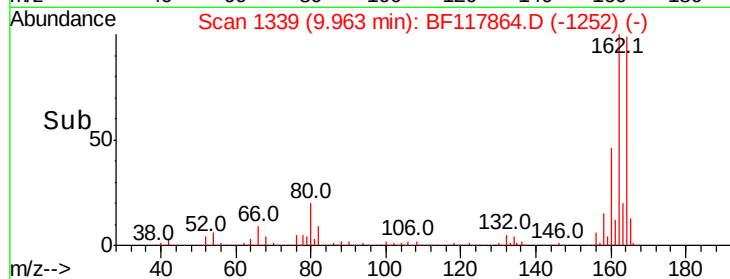
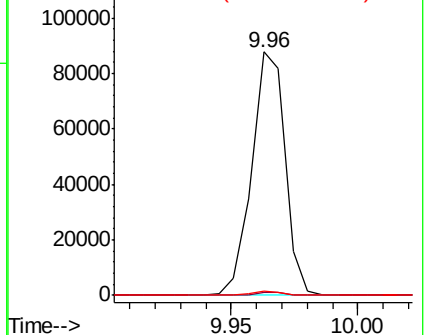
#51
 2,6-Dinitrotoluene
 Concen: 8.508 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.21 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	46.0	69.0#
89	1.7	47.7	71.5#



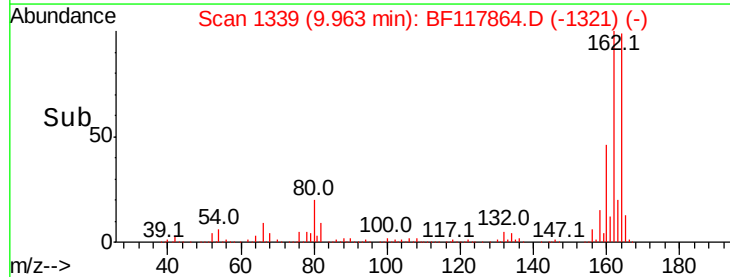
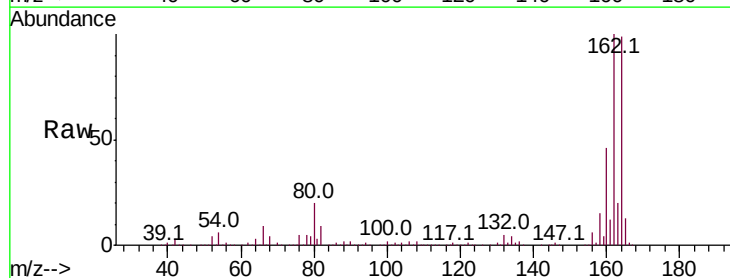
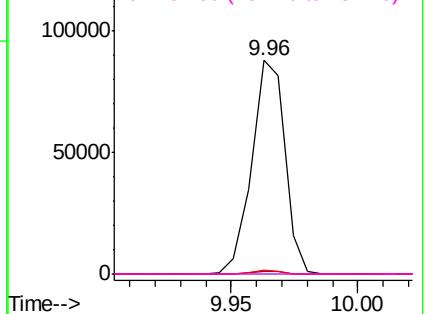
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

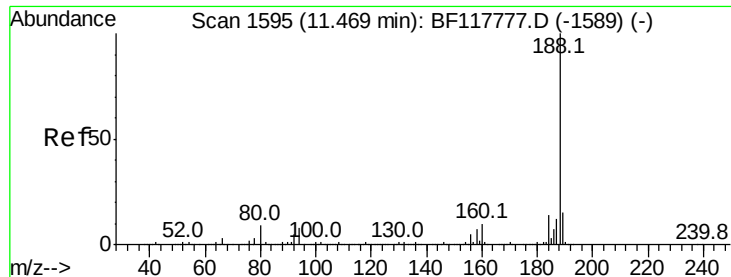


#57
 2,4-Dinitrotoluene
 Concen: 6.688 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.19 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.7	57.3	85.9#
182	0.0	2.3	3.5#

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
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

Instrument :

BNA_F

ClientSampleId :

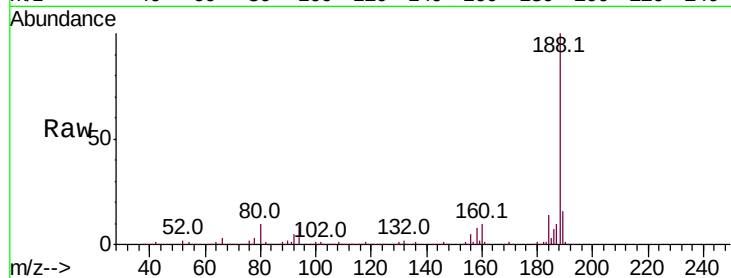
Tot Ion:188 Resp: 1005948

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

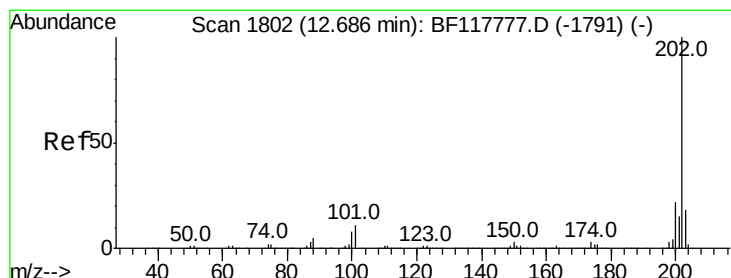
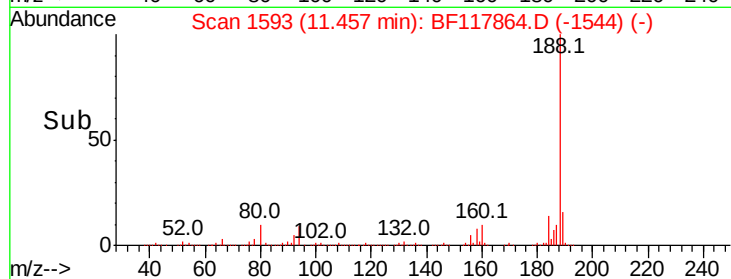
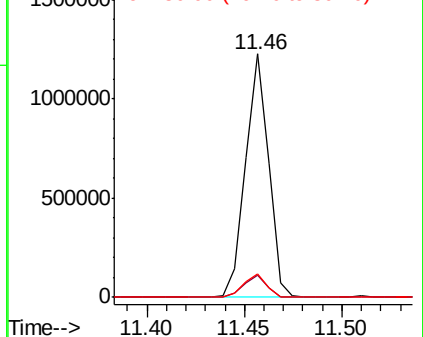
80 9.9 7.2 10.8



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



#75

Fluoranthene

Concen: Below Cal

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

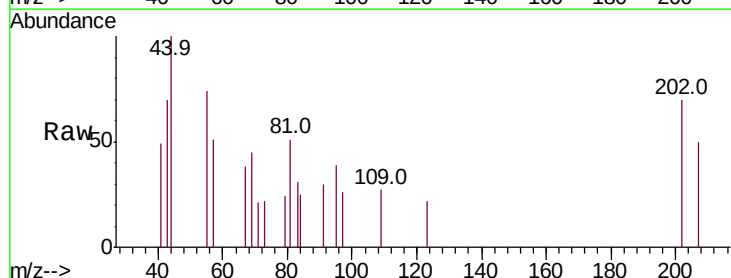
Tgt Ion:202 Resp: 1252

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.1

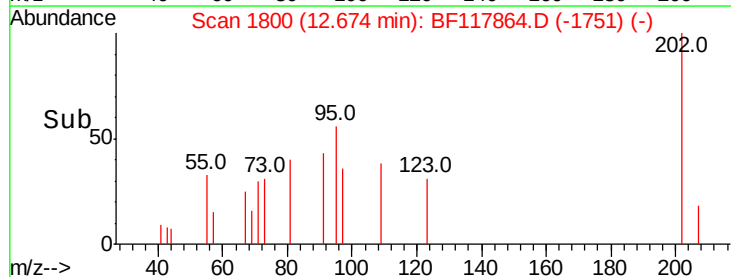
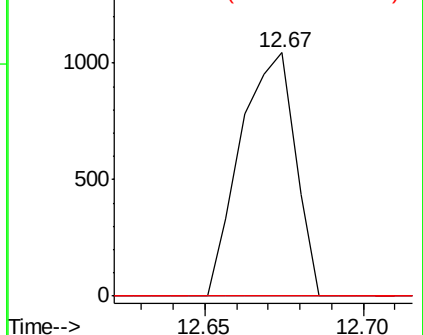
203 0.0 0.0 38.2

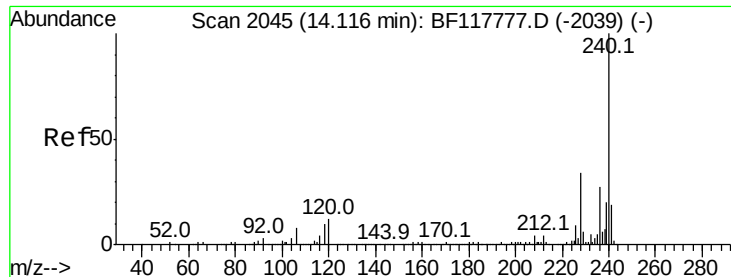


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

Instrument :

BNA_F

ClientSampled :

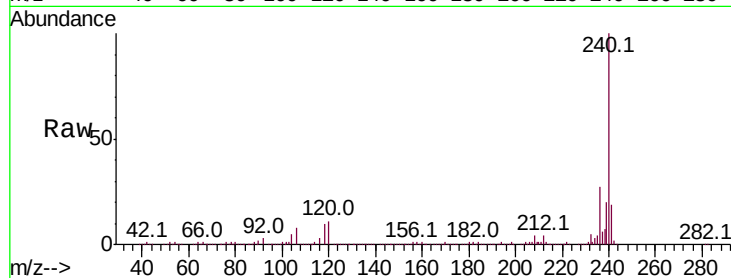
Tot Ion:240 Resp: 663367

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

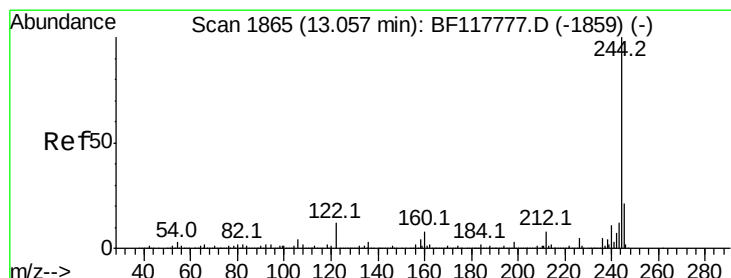
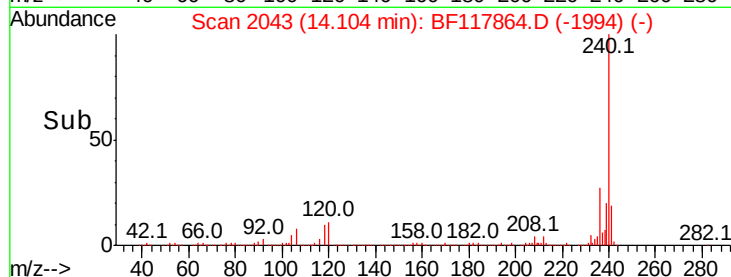
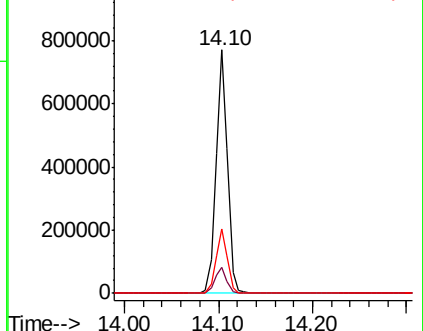
236 26.5 21.3 31.9



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: 31.776 ng

RT: 13.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117864.D

Acq: 19 Nov 2019 17:25

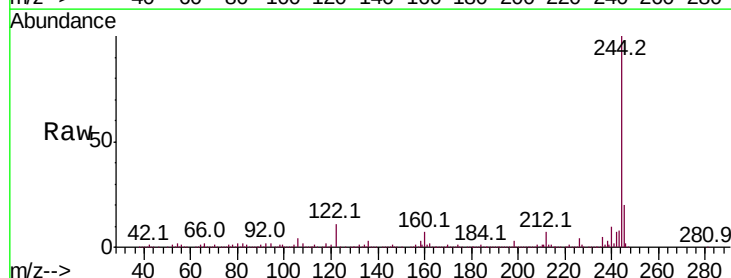
Tgt Ion:244 Resp: 1153368

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

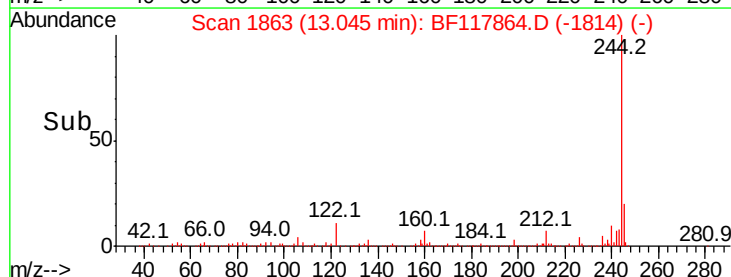
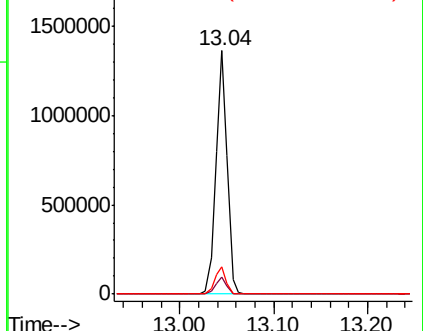
122 11.0 9.4 14.2

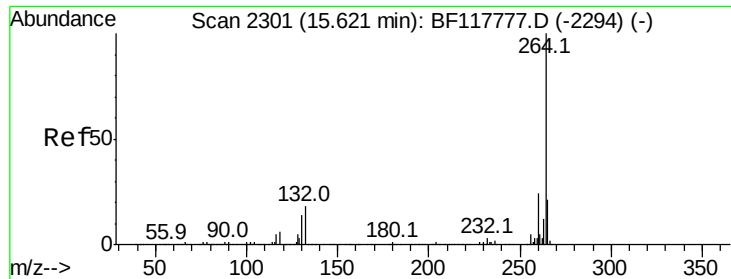


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117864.D
 Acq: 19 Nov 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.1	17.1	25.7

