

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117858.D
 Acq On : 19 Nov 2019 14:42
 Operator : JU
 Sample : K5864-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:30:36 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	215200	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	862100	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	466407	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	888860	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	590135	20.00	ng	-0.01
87) Perylene-d12	15.61	264	554938	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1040601	85.59	ng	0.00
7) Phenol-d6	6.53	99	1346269	91.81	ng	-0.01
23) Nitrobenzene-d5	7.47	82	800000	55.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	384300	77.83	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1611808	62.00	ng	-0.01
79) Terphenyl-d14	13.05	244	1897894	58.78	ng	0.00

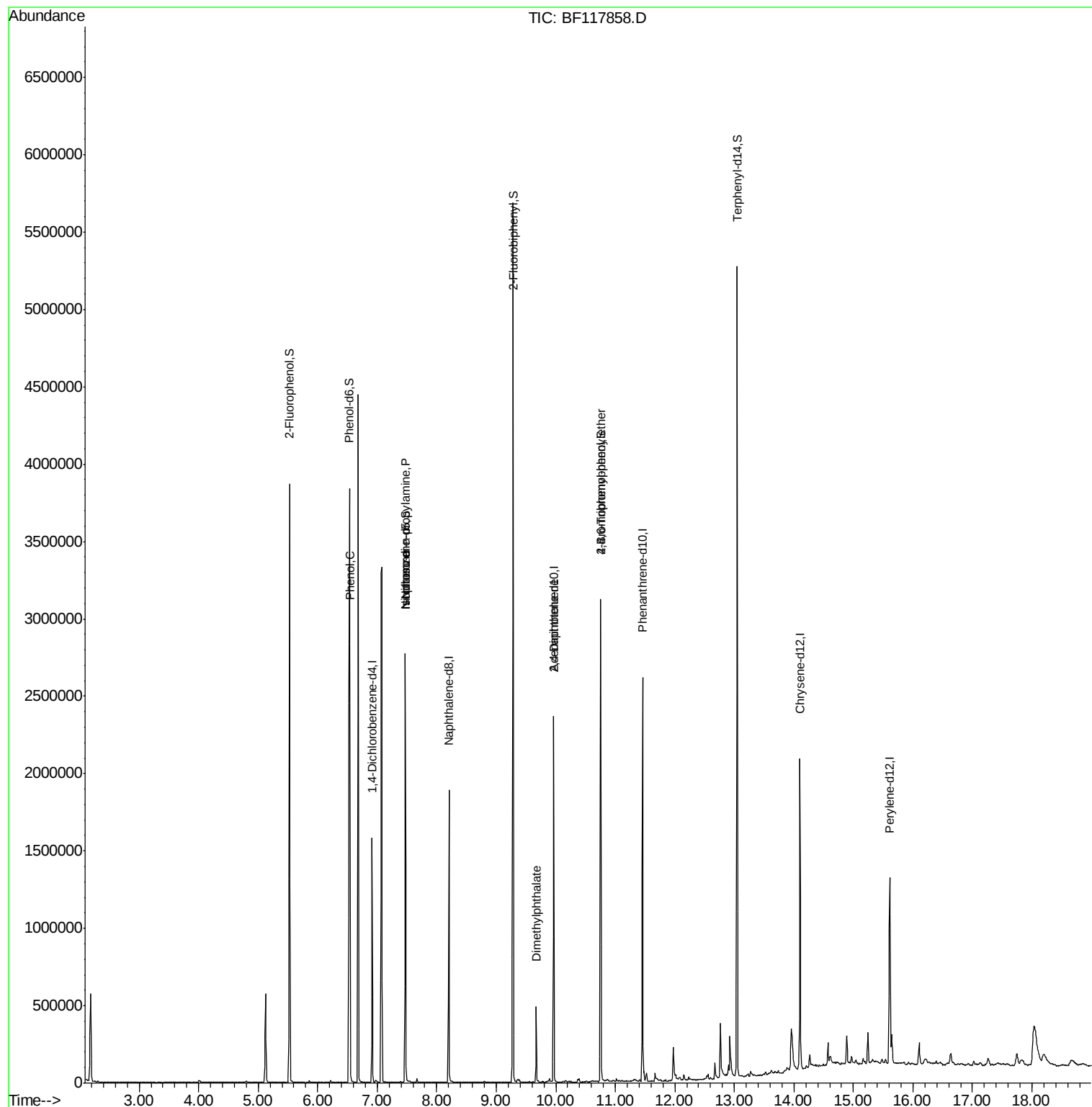
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	2931	Below Cal		# 1
10) Phenol	6.55	94	79998	5.250	ng	# 99
19) n-Nitroso-di-n-propylamine	7.47	70	110074	12.168	ng	# 76
25) Isophorone	7.47	82	794034	29.873	ng	# 62
50) Dimethylphthalate	9.67	163	195972	5.992	ng	# 98
57) 2,4-Dinitrotoluene	9.96	165	59904	6.588	ng	# 25
67) 4-Bromophenyl-phenylether	10.76	248	24113	2.514	ng	# 1
75) Fluoranthene	12.67	202	34330	Below Cal		# 99

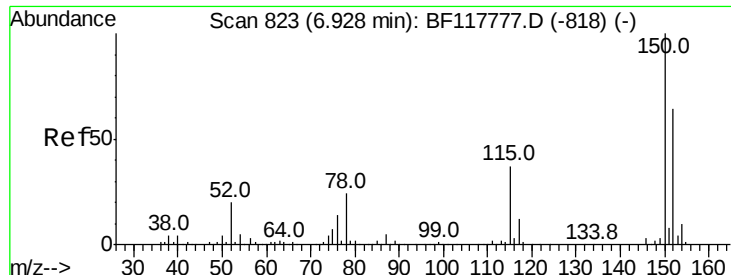
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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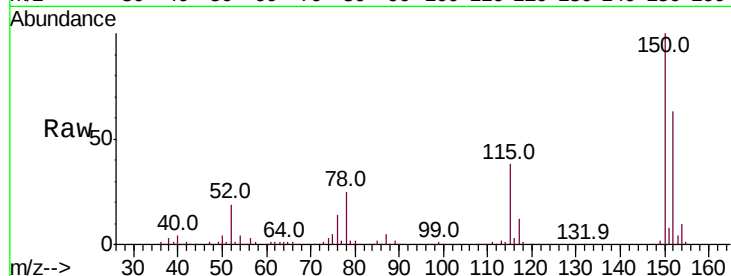


#1

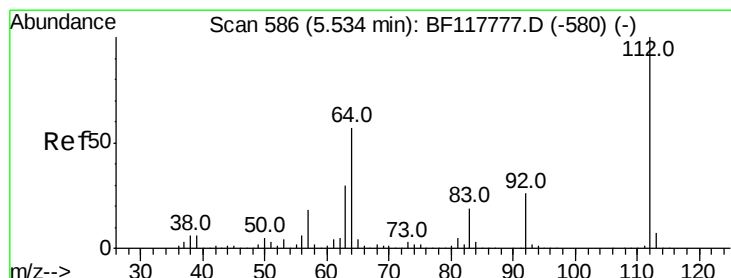
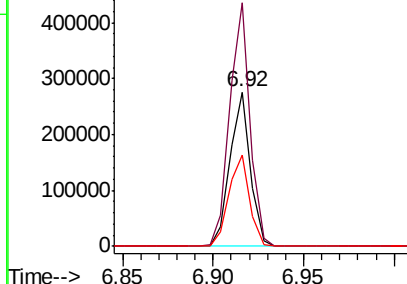
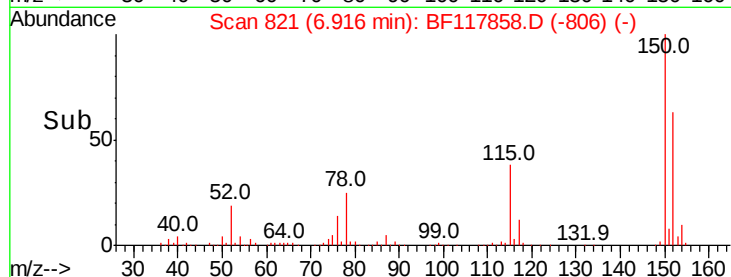
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 215200
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 59.2 47.0 70.4



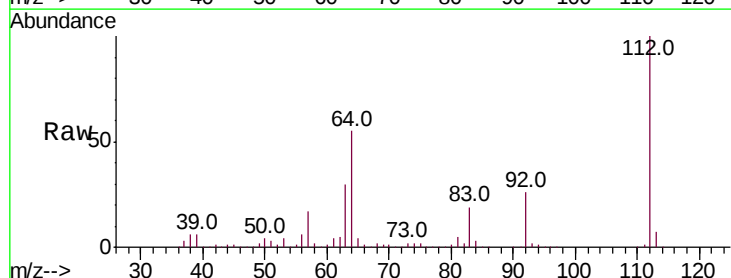
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



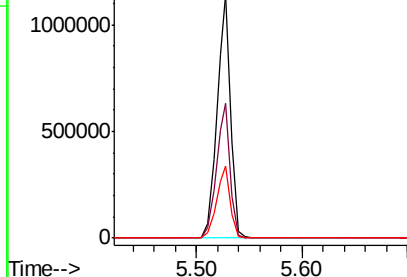
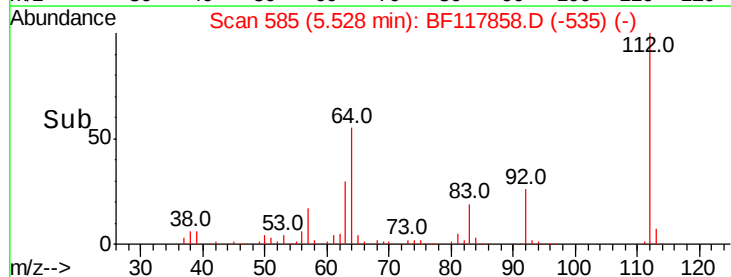
#5

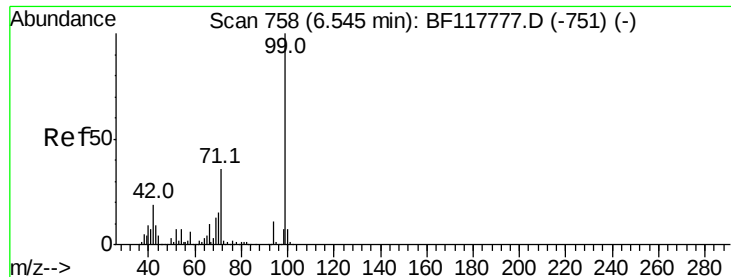
2-Fluorophenol
Concen: 85.594 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion:112 Resp: 1040601
Ion Ratio Lower Upper
112 100
64 55.1 45.6 68.4
63 29.7 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: 91.809 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117858.D

Acq: 19 Nov 2019 14:42

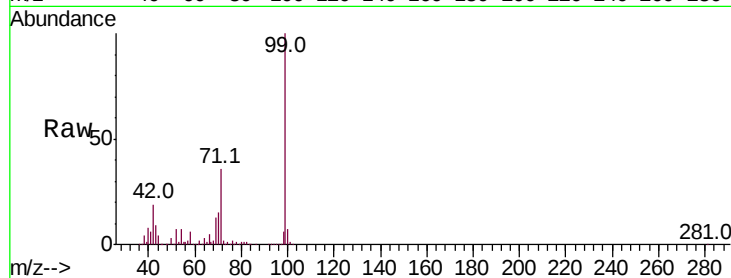
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1346269

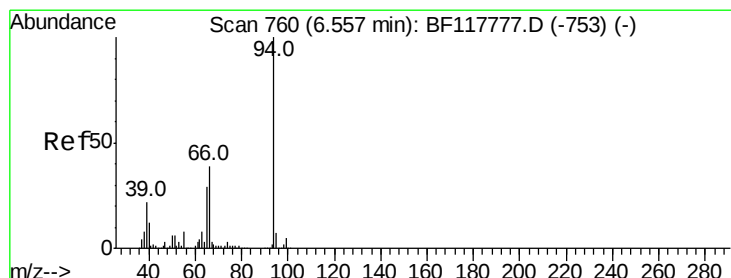
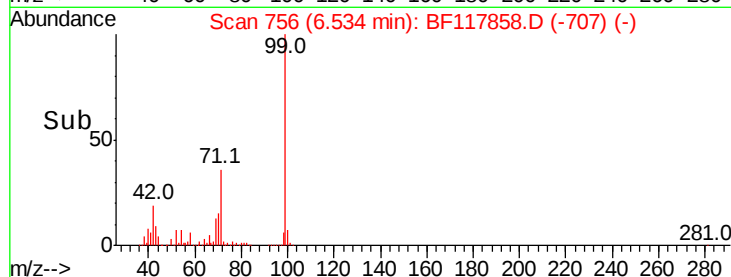
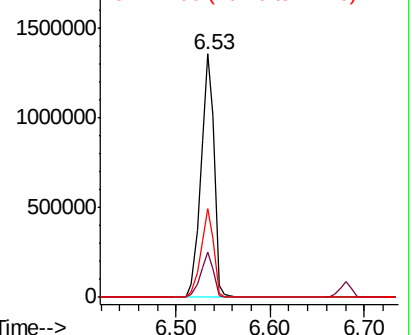
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	36.3	28.6	43.0



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: 5.250 ng

RT: 6.55 min Scan# 758

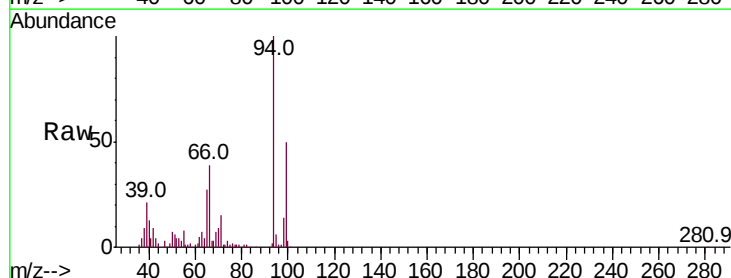
Delta R.T. -0.01 min

Lab File: BF117858.D

Acq: 19 Nov 2019 14:42

Tgt Ion: 94 Resp: 79998

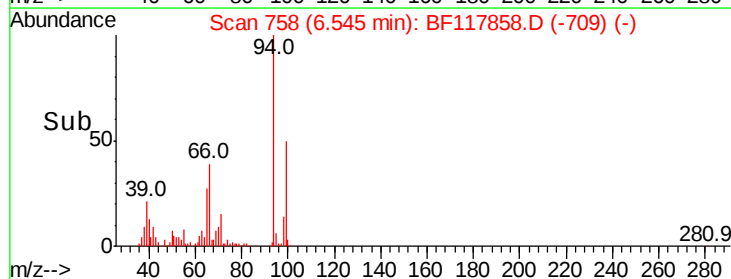
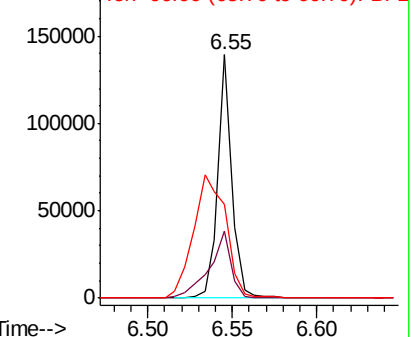
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.9	48.9
66	38.6	18.7	58.7

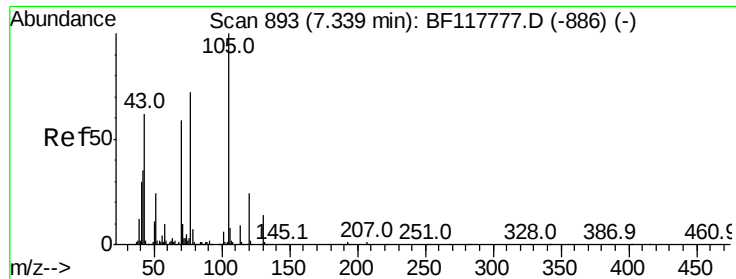


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

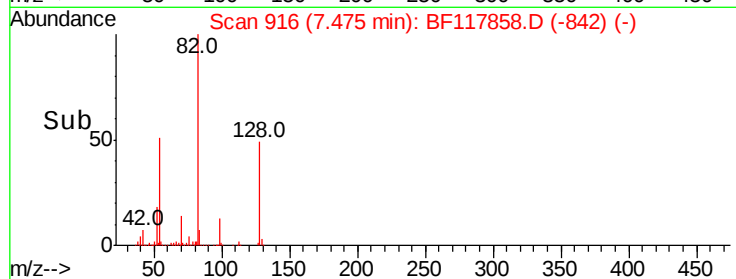
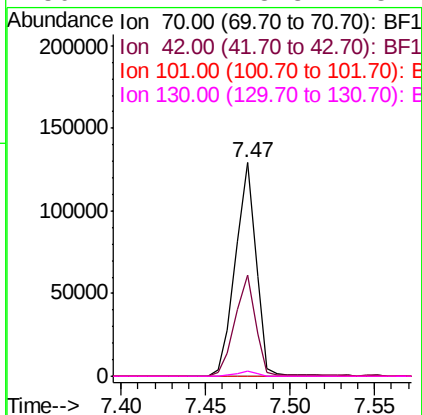
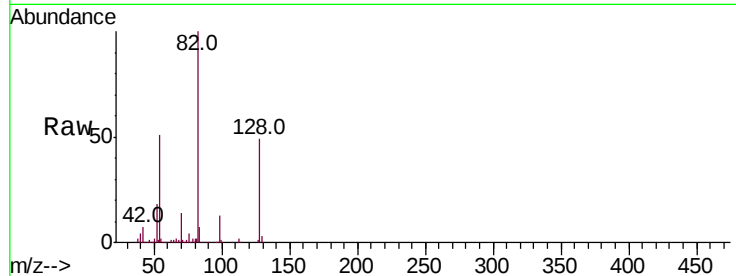




#19
n-Nitroso-di-n-propylamine
Concen: 12.168 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

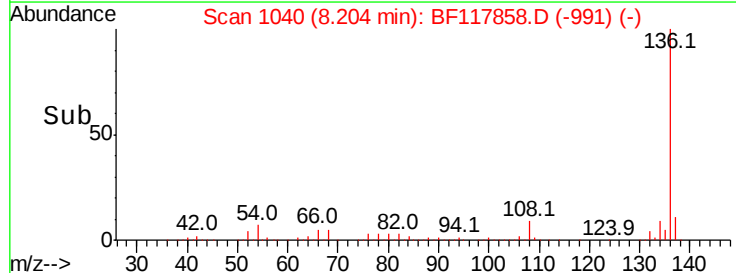
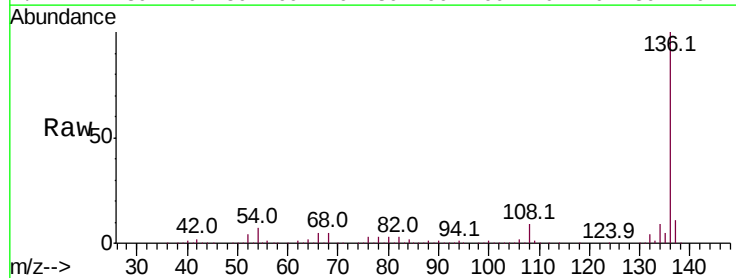
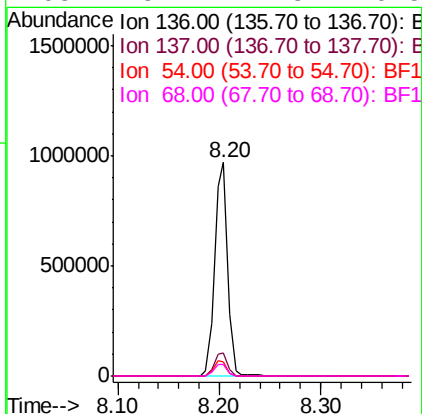
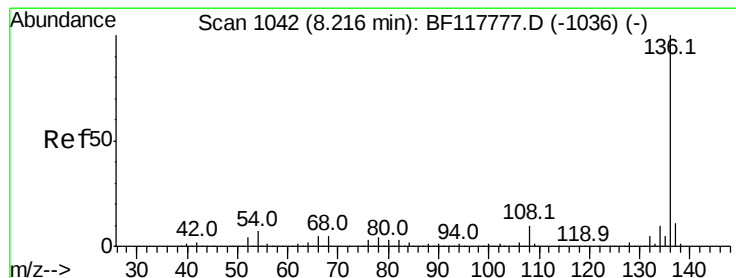
Instrument :
BNA_F
ClientSampleId :

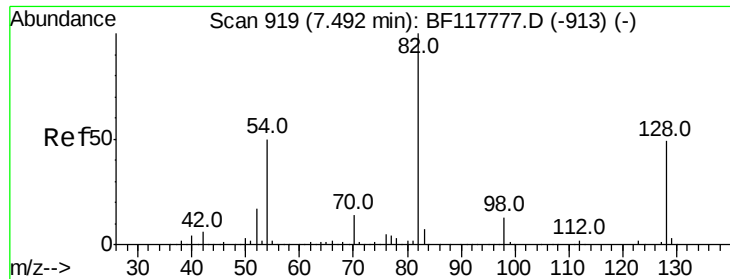
Tot Ion: 70 Resp: 110074
Ion Ratio Lower Upper
70 100
42 47.2 47.4 71.2#
101 0.0 8.4 12.6#
130 2.2 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion: 136 Resp: 862100
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.7 5.4 8.2
68 5.2 4.3 6.5

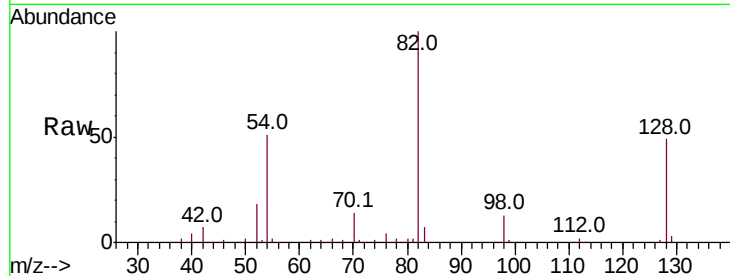




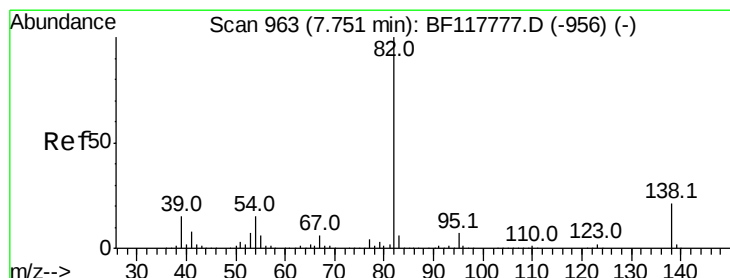
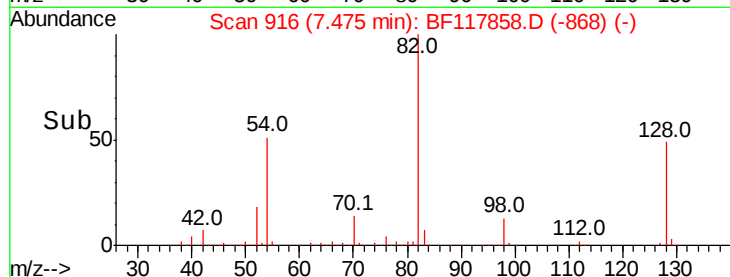
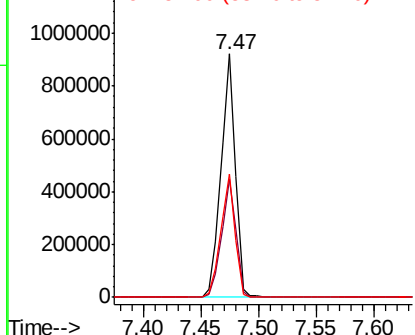
#23
Nitrobenzene-d5
Concen: 55.164 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.9	58.3
54	50.7	39.8	59.6

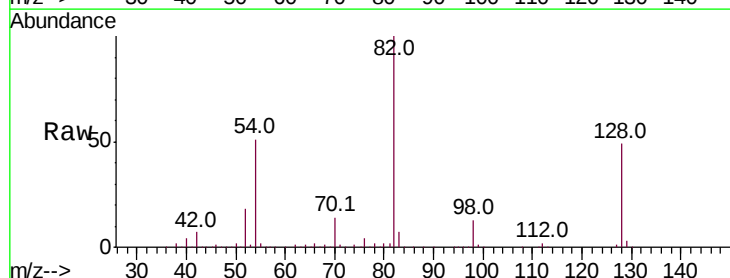


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

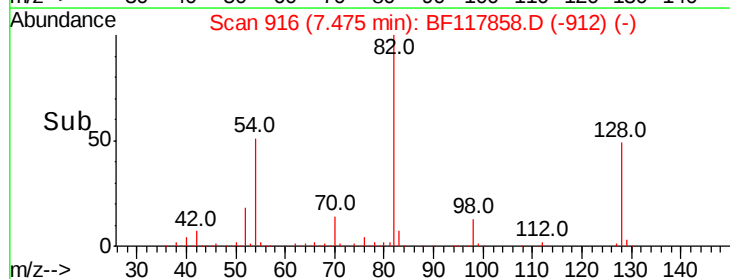
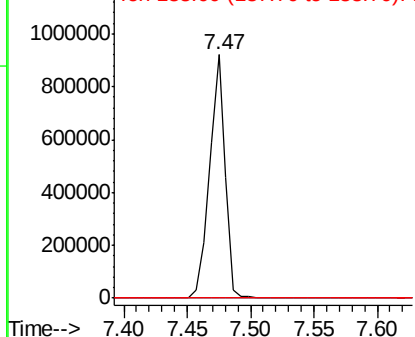


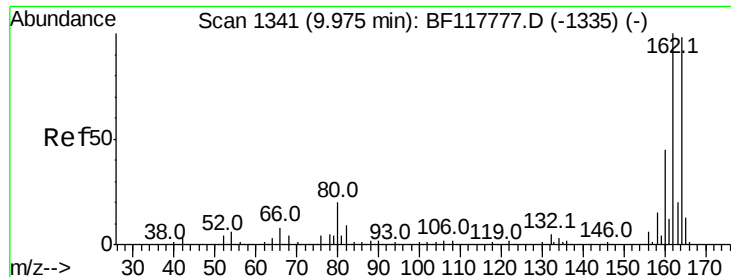
#25
Isophorone
Concen: 29.873 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

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



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117858.D

Acq: 19 Nov 2019 14:42

Instrument :

BNA_F

ClientSampleId :

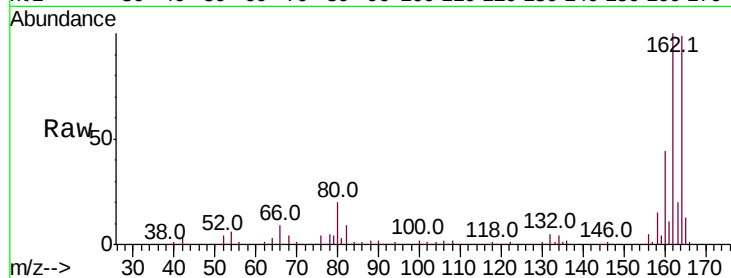
Tot Ion:164 Resp: 466407

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

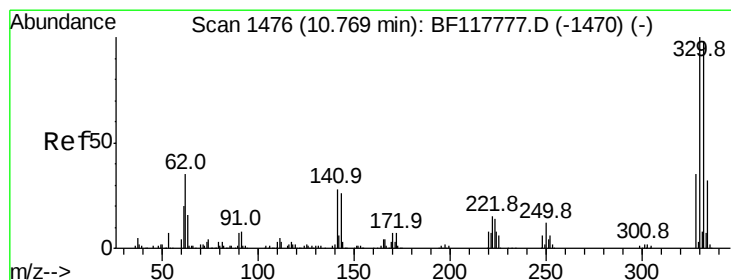
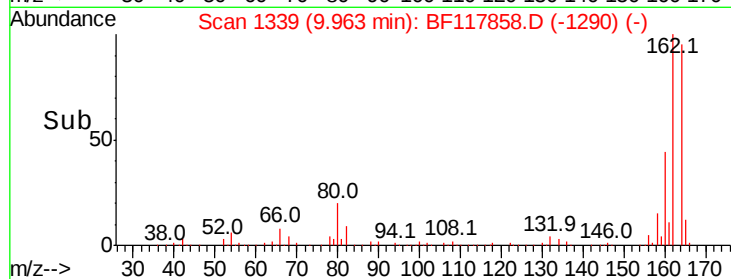
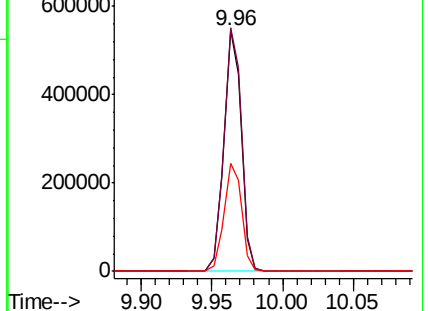
160 44.6 36.6 55.0



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: 77.828 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117858.D

Acq: 19 Nov 2019 14:42

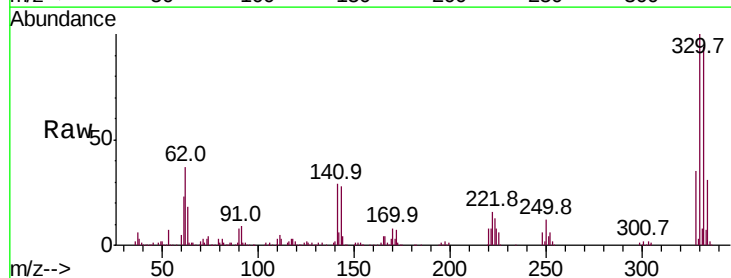
Tgt Ion:330 Resp: 384300

Ion Ratio Lower Upper

330 100

332 95.1 76.7 115.1

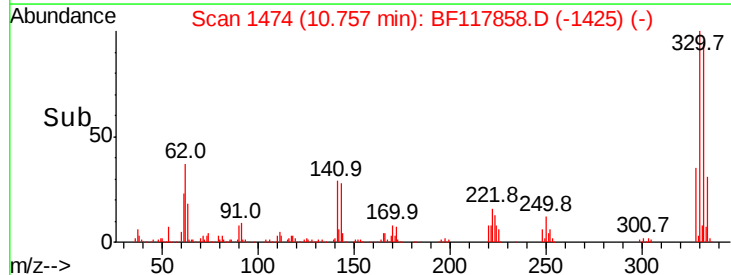
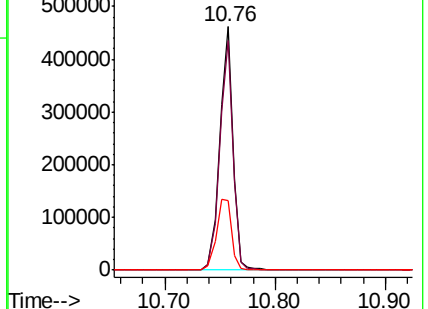
141 33.6 27.7 41.5

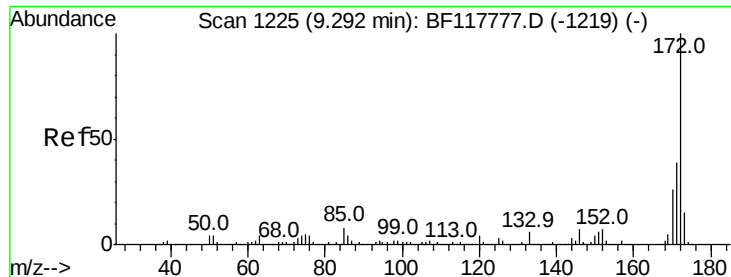


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



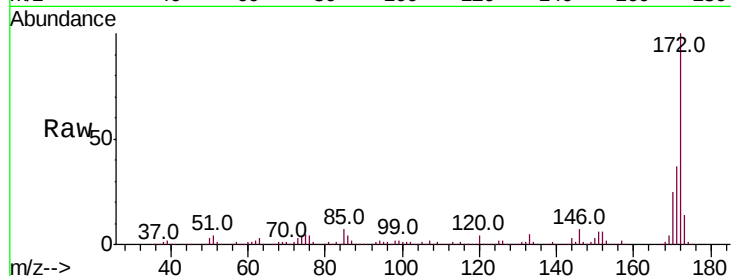


#45
 2-Fluorobiphenyl
 Concen: 61.998 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117858.D
 Acq: 19 Nov 2019 14:42

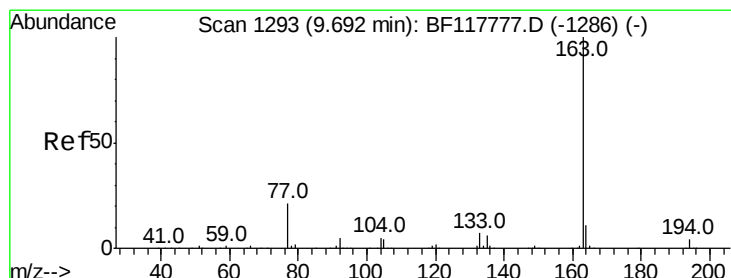
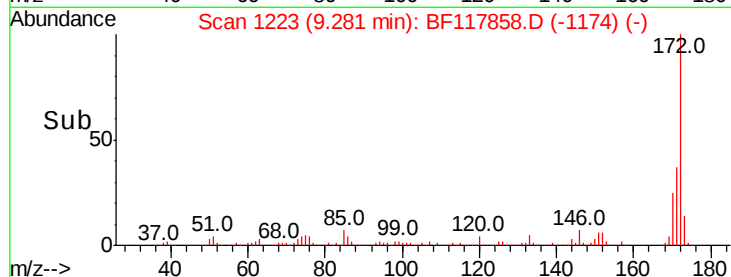
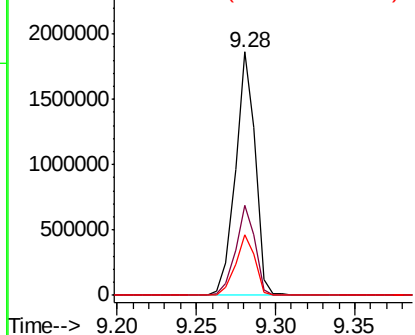
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1611808

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.9	46.3
170	24.9	21.0	31.4



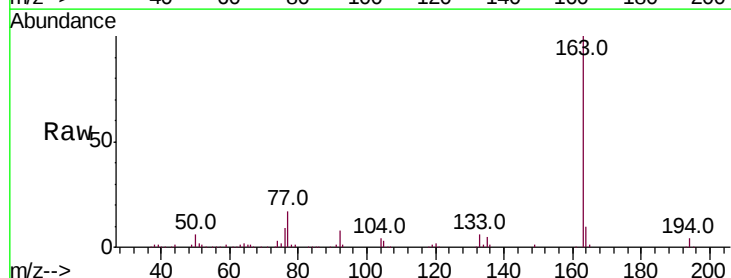
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



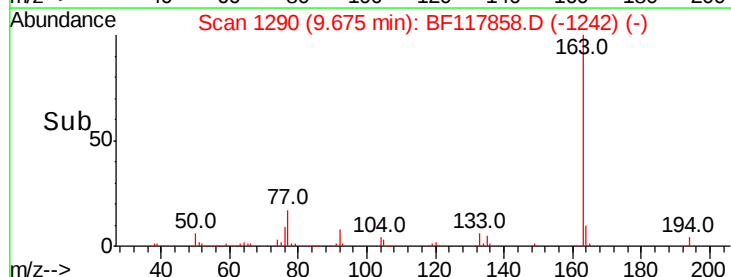
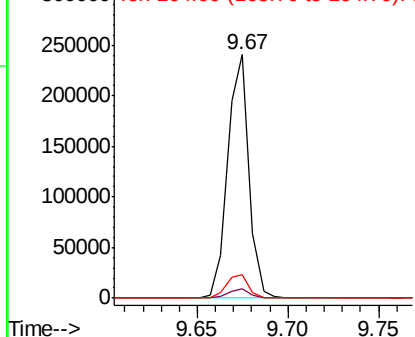
#50
 Dimethylphthalate
 Concen: 5.992 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117858.D
 Acq: 19 Nov 2019 14:42

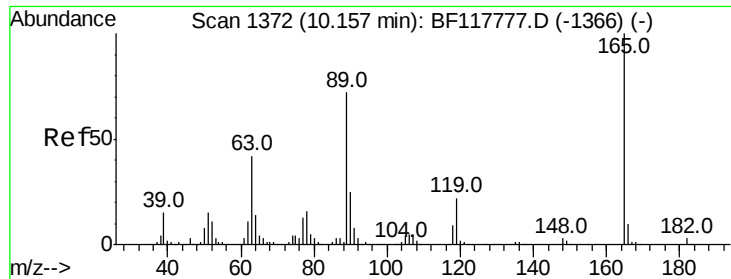
Tgt Ion:163 Resp: 195972

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	9.9	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

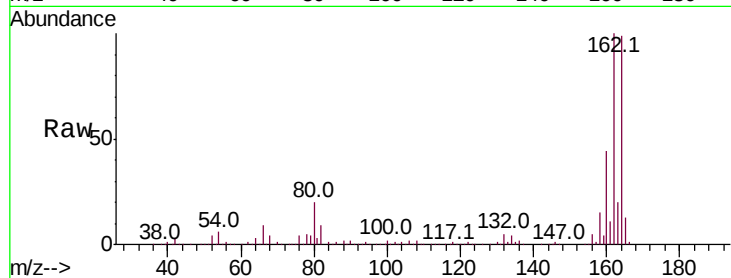




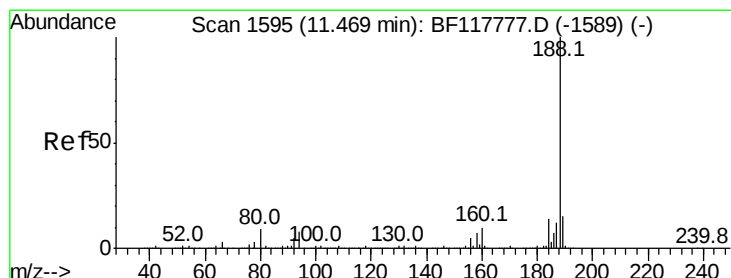
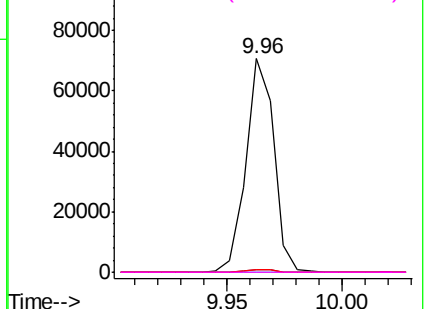
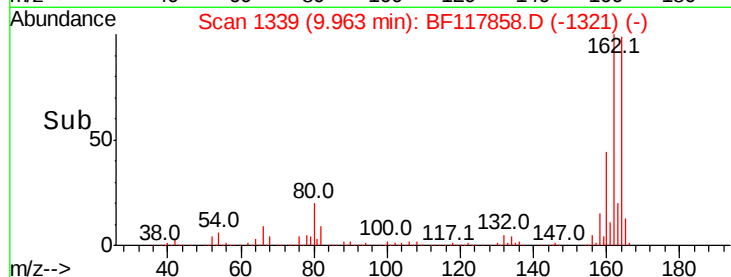
#57
 2,4-Dinitrotoluene
 Concen: 6.588 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.19 min
 Lab File: BF117858.D
 Acq: 19 Nov 2019 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 59904
 Ion Ratio Lower Upper
 165 100
 63 1.4 33.7 50.5#
 89 1.3 57.3 85.9#
 182 0.0 2.3 3.5#

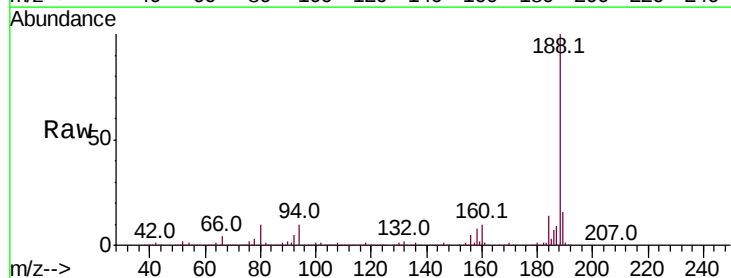


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

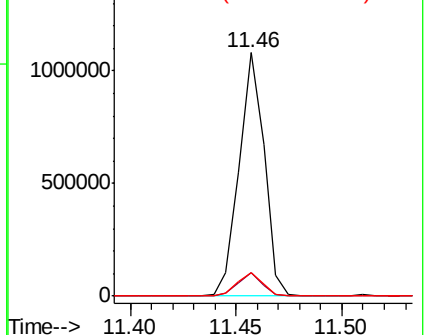
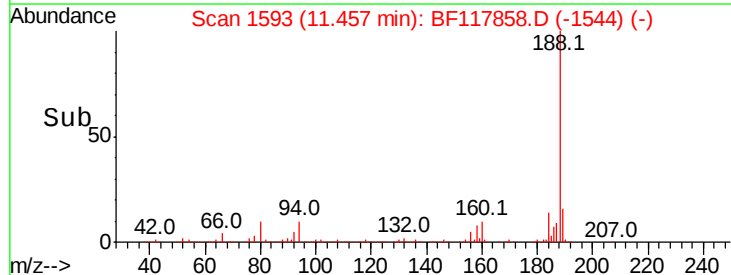


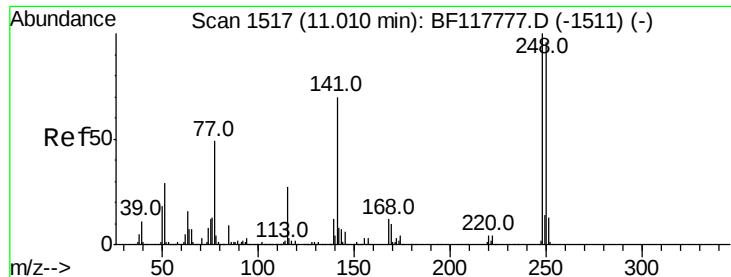
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117858.D
 Acq: 19 Nov 2019 14:42

Tgt Ion:188 Resp: 888860
 Ion Ratio Lower Upper
 188 100
 94 9.6 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

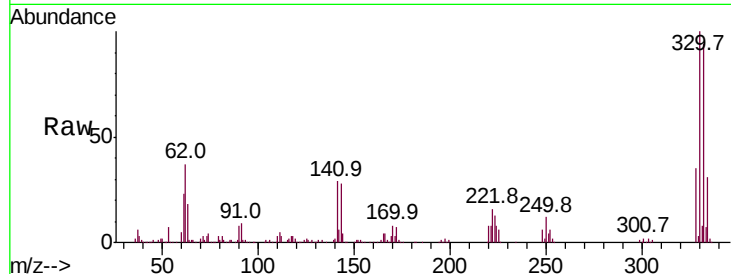




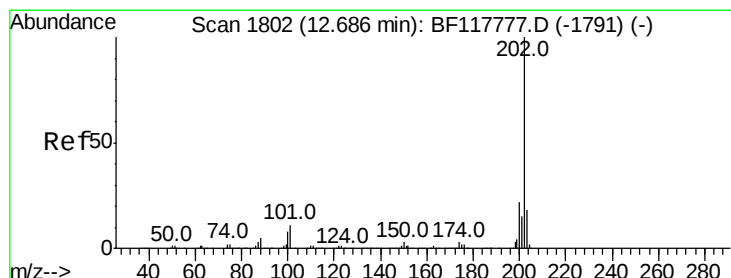
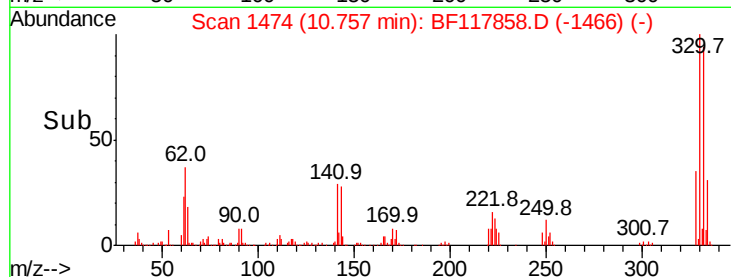
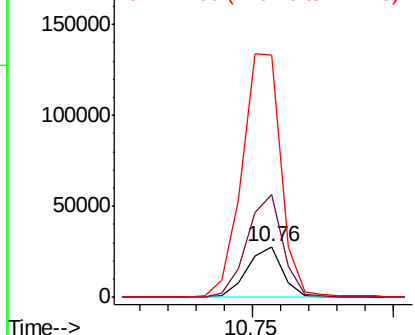
#67
4-Bromophenyl-phenylether
Concen: 2.514 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24113
Ion Ratio Lower Upper
248 100
250 203.3 76.6 115.0#
141 479.0 55.9 83.9#

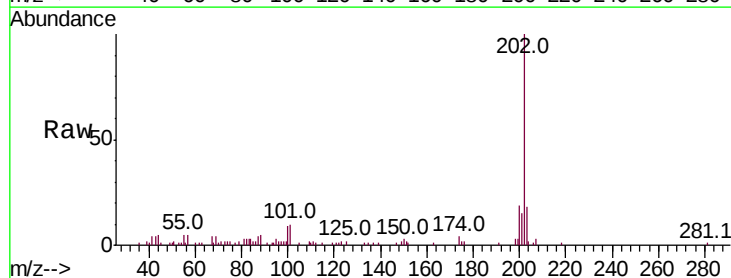


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

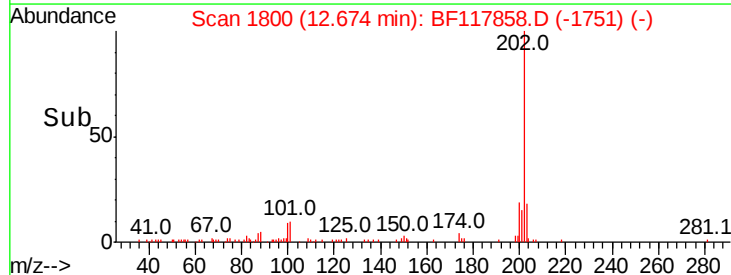
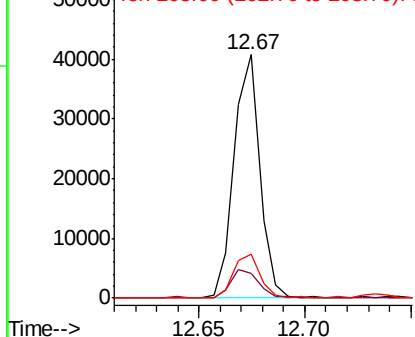


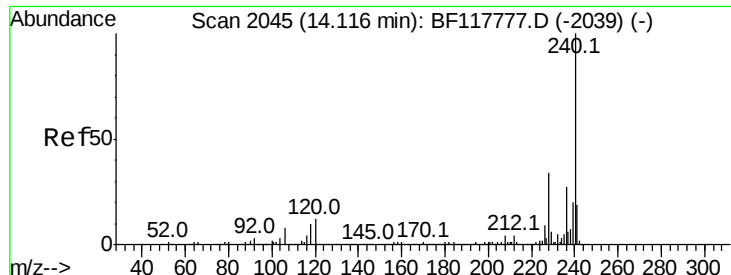
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion:202 Resp: 34330
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.1
203 18.2 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

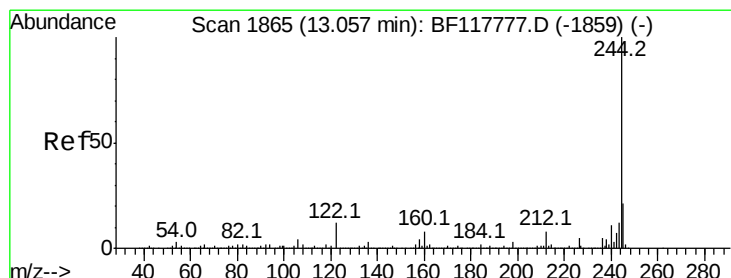
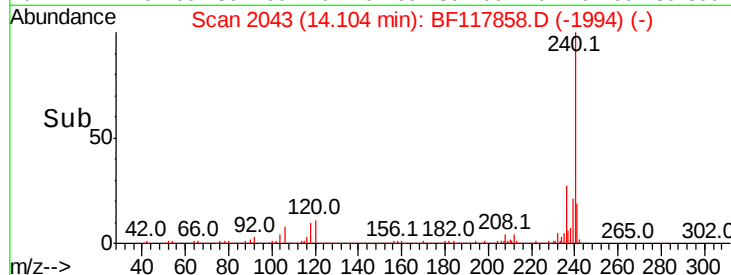
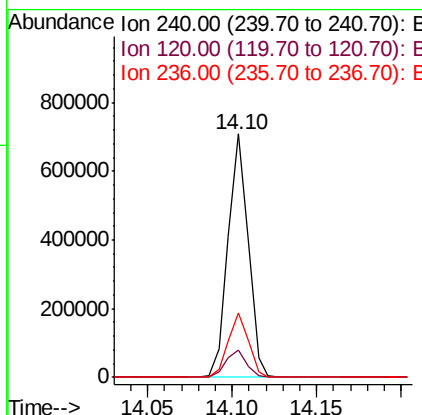
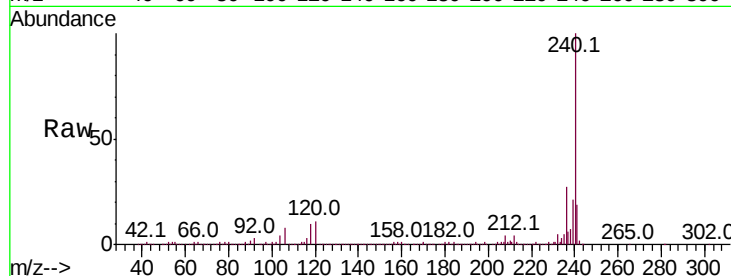




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117858.D
 Acq: 19 Nov 2019 14:42

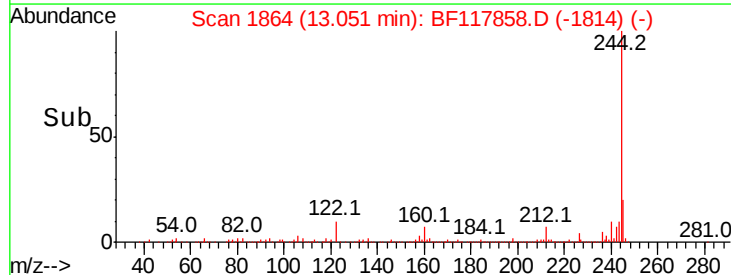
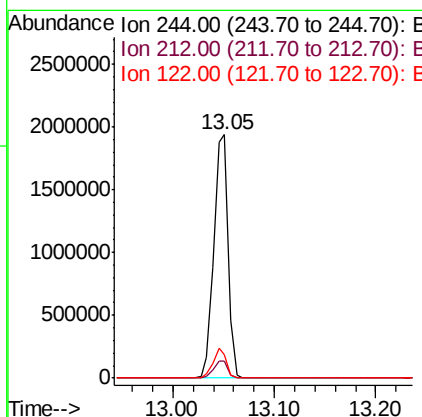
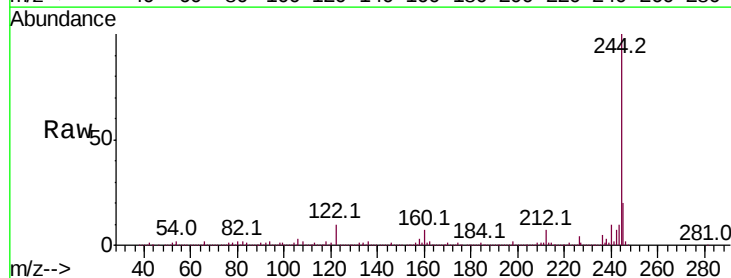
Instrument :
 BNA_F
 ClientSampleId :

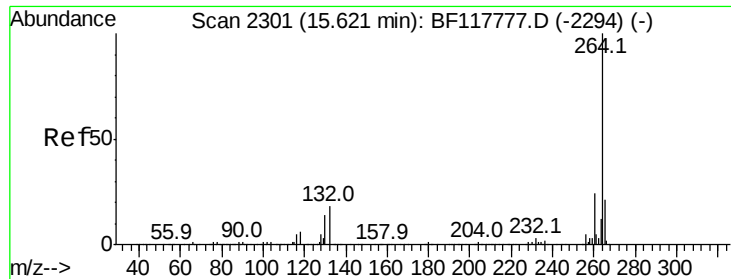
Tot Ion:240 Resp: 590135
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.5 14.3
 236 26.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 58.777 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117858.D
 Acq: 19 Nov 2019 14:42

Tgt Ion:244 Resp: 1897894
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 9.8 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.4	17.1	25.7

