

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117855.D
 Acq On : 19 Nov 2019 13:21
 Operator : JU
 Sample : K5862-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:30:11 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	228745	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	898438	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	484233	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	913072	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	592720	20.00	ng	-0.01
87) Perylene-d12	15.61	264	537187	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1125432	87.09	ng	0.00
7) Phenol-d6	6.53	99	1447224	92.85	ng	-0.01
23) Nitrobenzene-d5	7.47	82	861335	56.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	371258	72.42	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1621805	60.09	ng	-0.01
79) Terphenyl-d14	13.05	244	1859000	57.32	ng	0.00

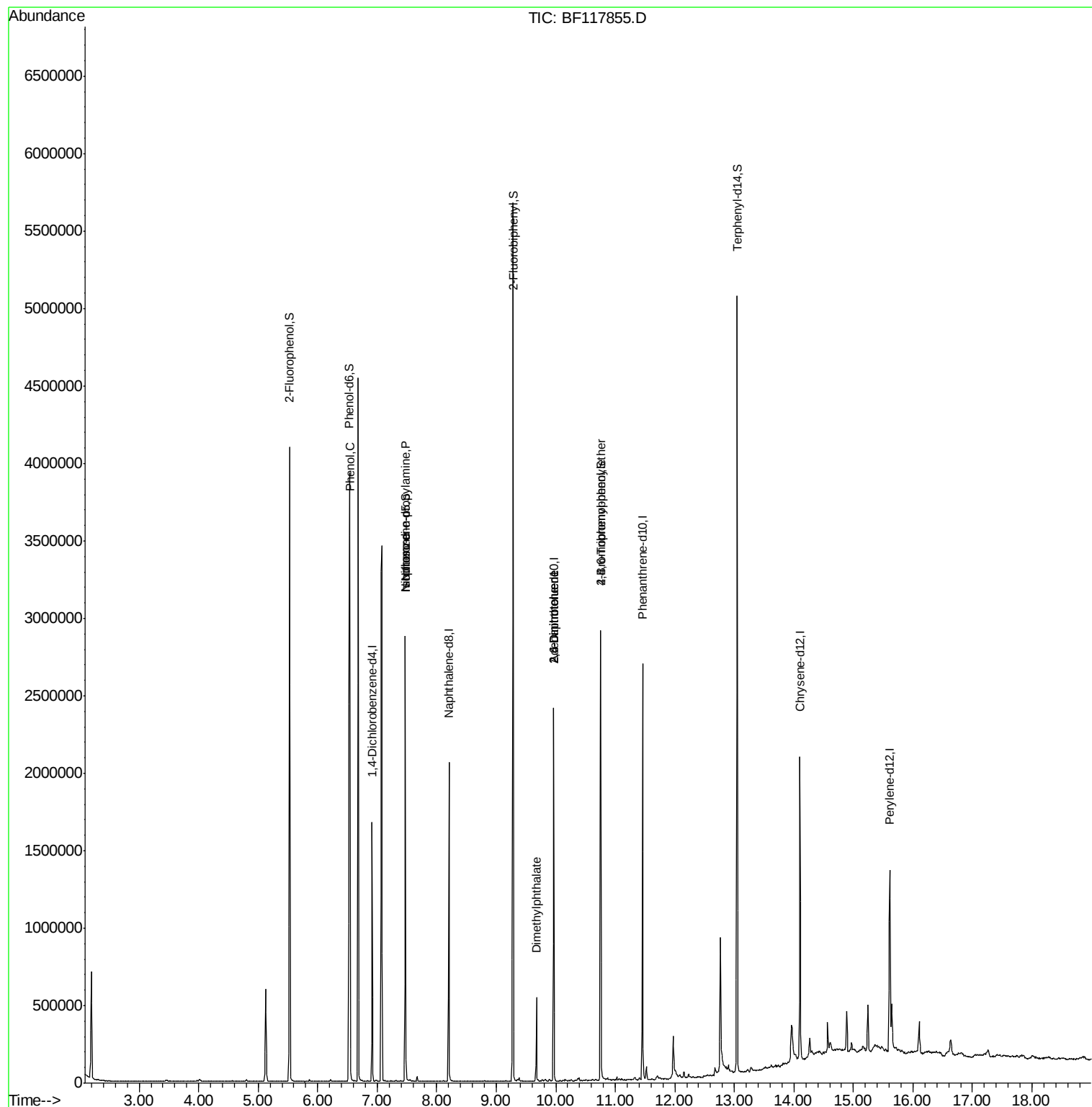
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	3535	Below Cal		# 1
10) Phenol	6.55	94	88230	5.447	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	117645	12.234	ng	# 76
25) Isophorone	7.47	82	854591	30.851	ng	# 62
50) Dimethylphthalate	9.67	163	207661	6.116	ng	96
51) 2,6-Dinitrotoluene	9.96	165	63345	8.536	ng	# 23
57) 2,4-Dinitrotoluene	9.96	165	63345	6.710	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	24361	2.473	ng	# 1
75) Fluoranthene	12.67	202	15407	Below Cal		97

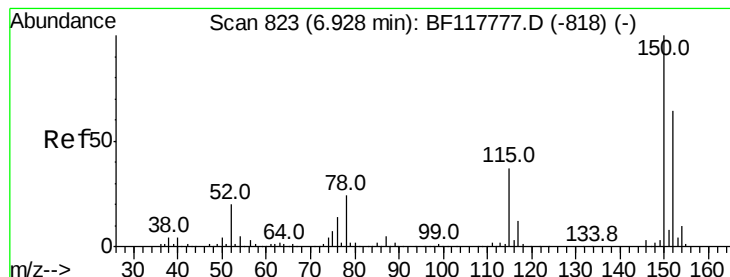
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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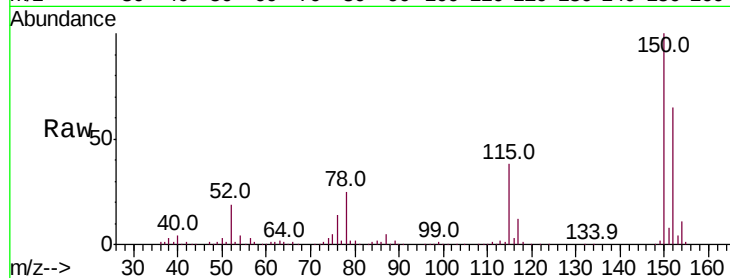


#1

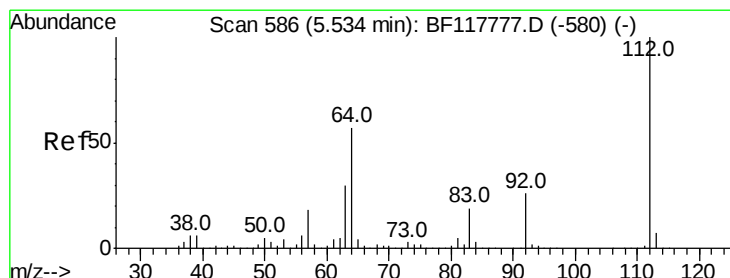
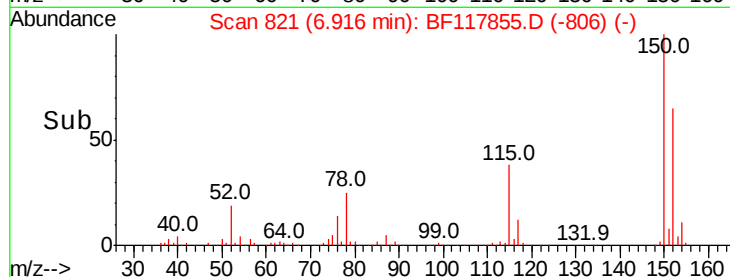
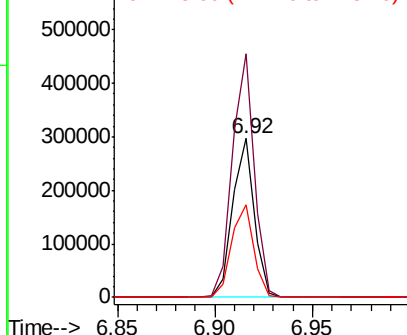
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 228745
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 58.3 47.0 70.4



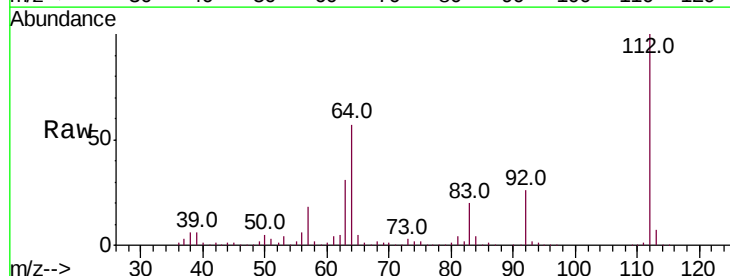
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



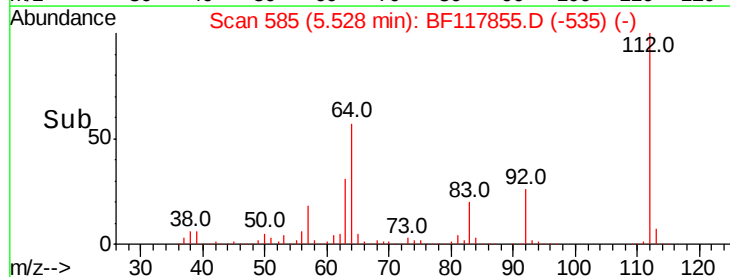
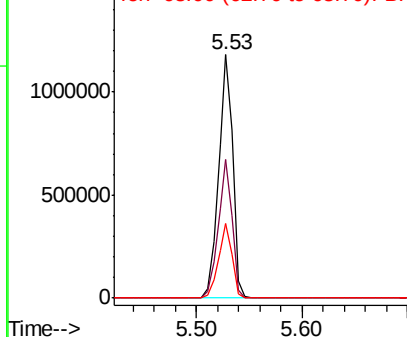
#5

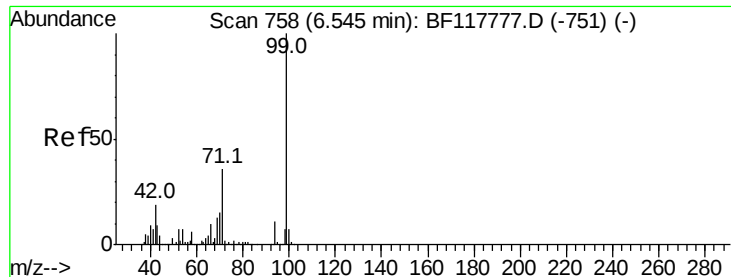
2-Fluorophenol
Concen: 87.090 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:112 Resp: 1125432
Ion Ratio Lower Upper
112 100
64 57.1 45.6 68.4
63 30.6 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: 92.849 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

Instrument :

BNA_F

ClientSampleId :

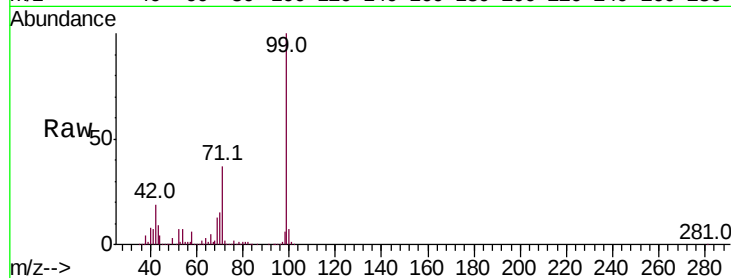
Tot Ion: 99 Resp: 1447224

Ion Ratio Lower Upper

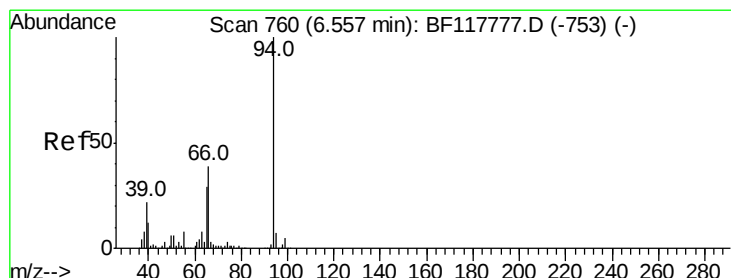
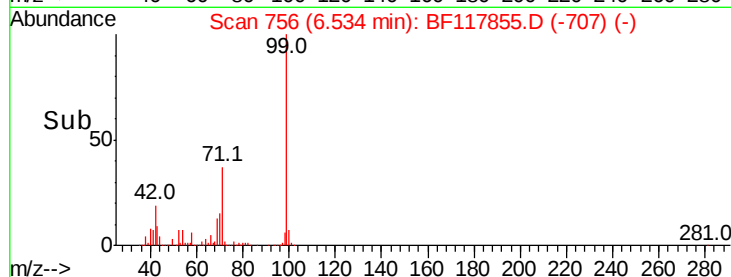
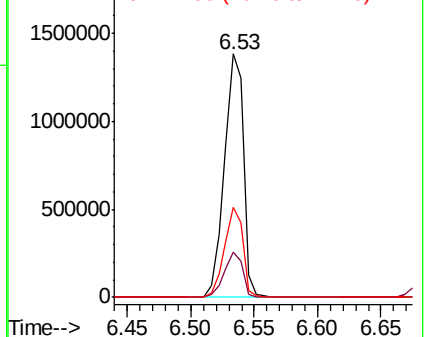
99 100

42 18.8 14.9 22.3

71 36.8 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: 5.447 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

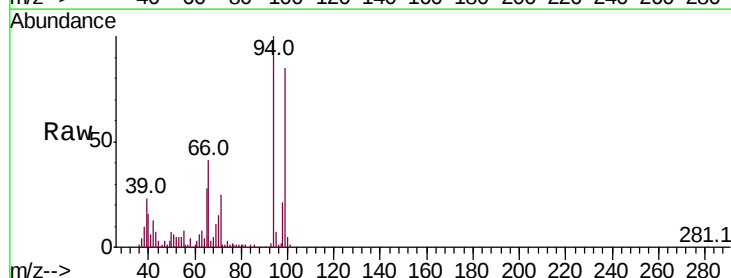
Tgt Ion: 94 Resp: 88230

Ion Ratio Lower Upper

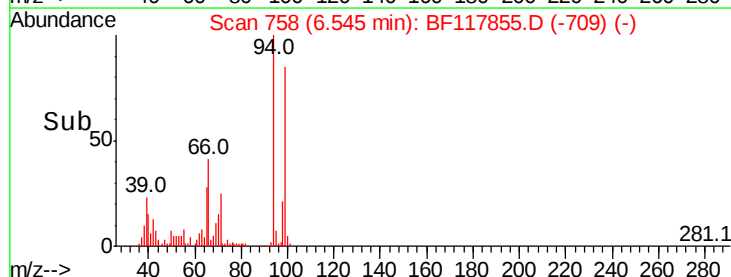
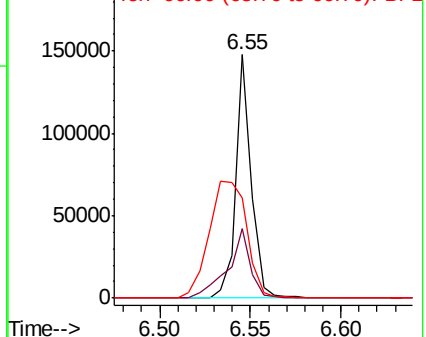
94 100

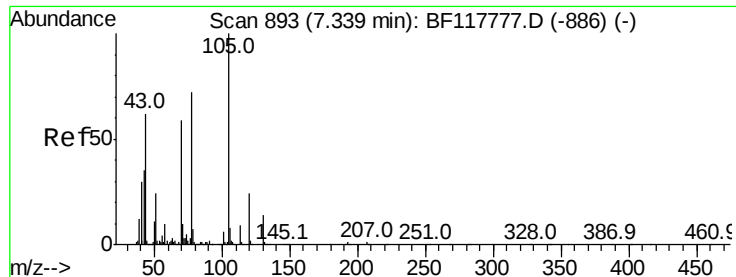
65 28.5 8.9 48.9

66 41.0 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

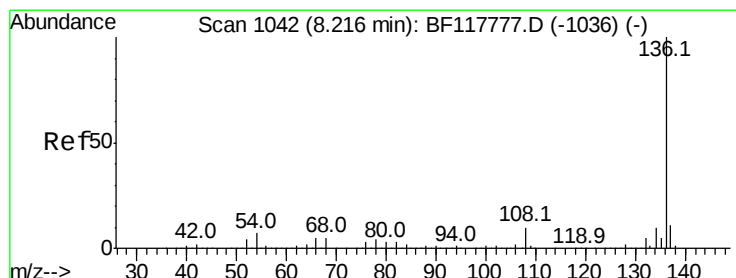
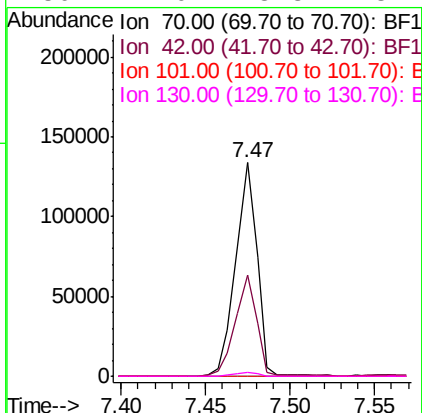
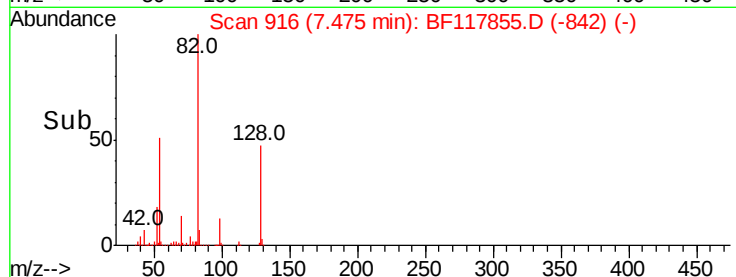
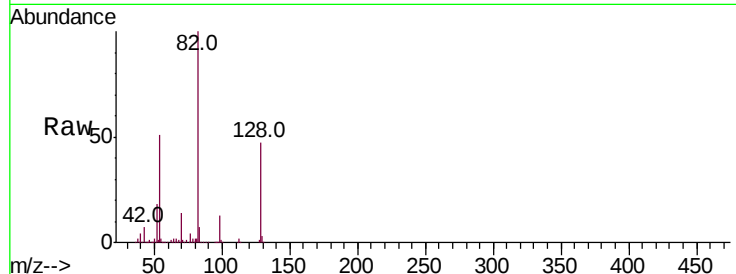




#19
n-Nitroso-di-n-propylamine
Concen: 12.234 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

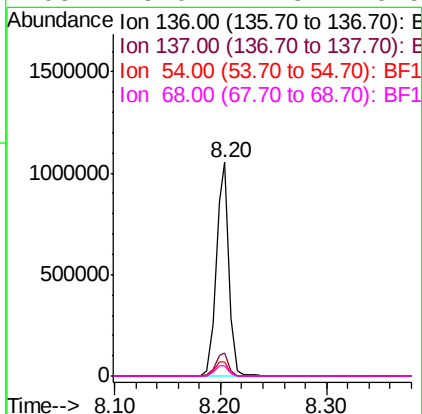
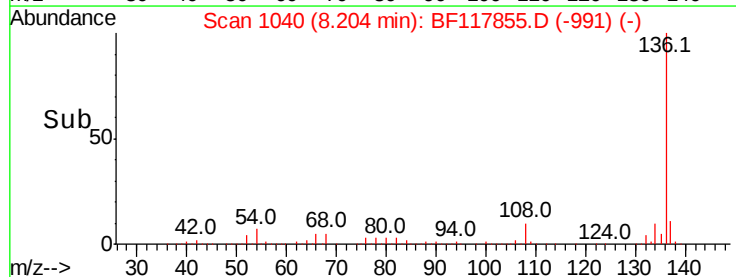
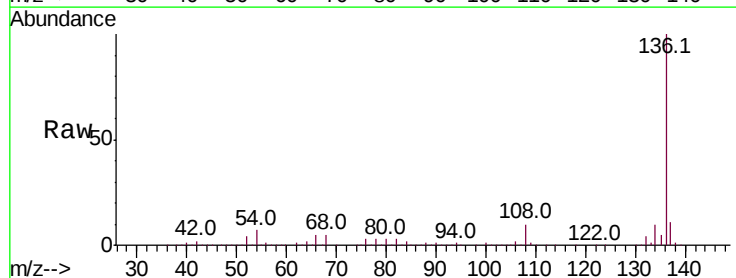
Instrument :
BNA_F
ClientSampleId :

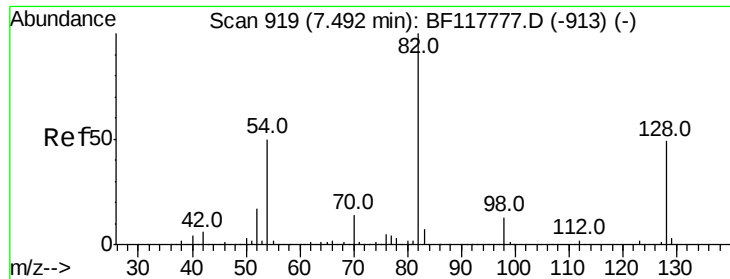
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	8.4	12.6#
130	2.0	18.8	28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.4	8.2
68	5.0	4.3	6.5

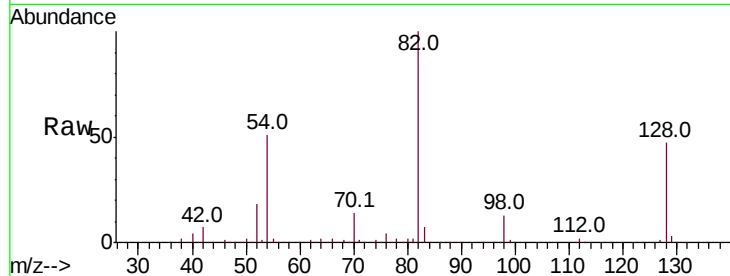




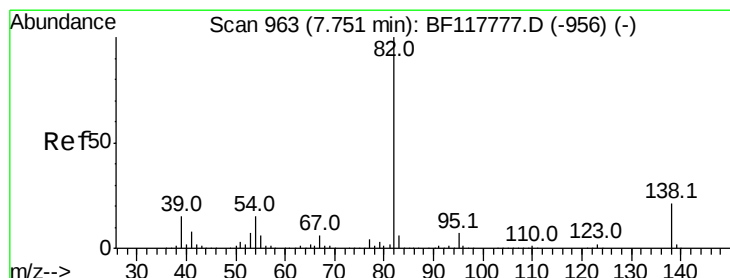
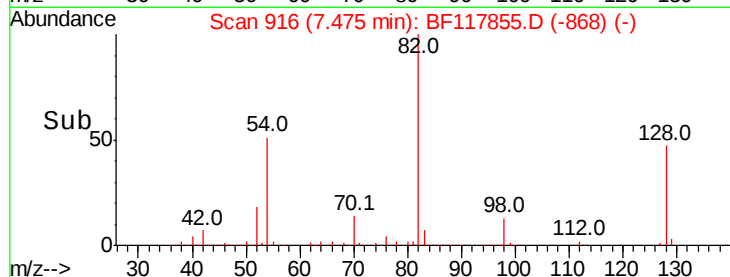
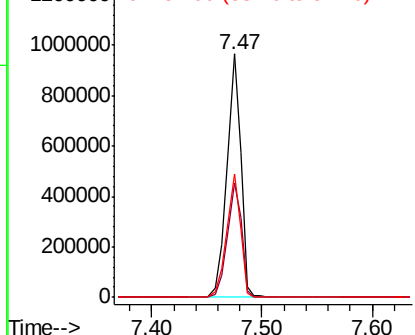
#23
 Nitrobenzene-d5
 Concen: 56.991 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF117855.D
 Acq: 19 Nov 2019 13:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.9	58.3
54	50.7	39.8	59.6

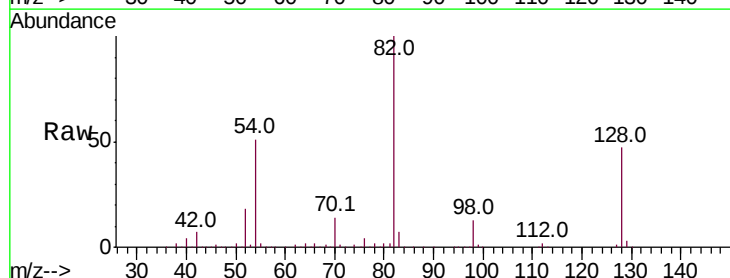


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

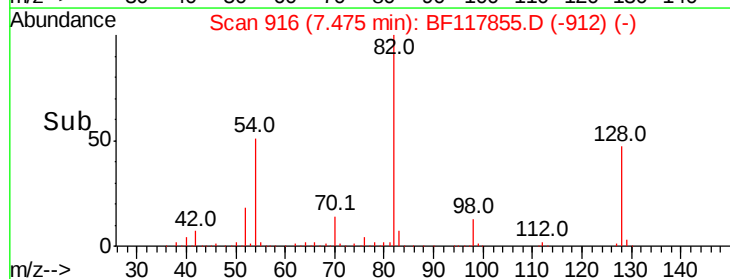
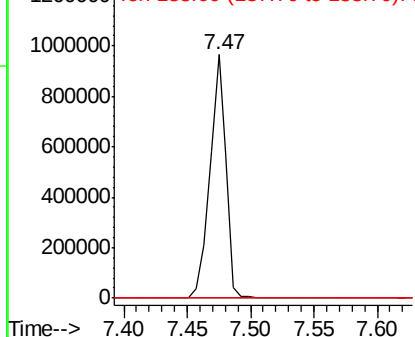


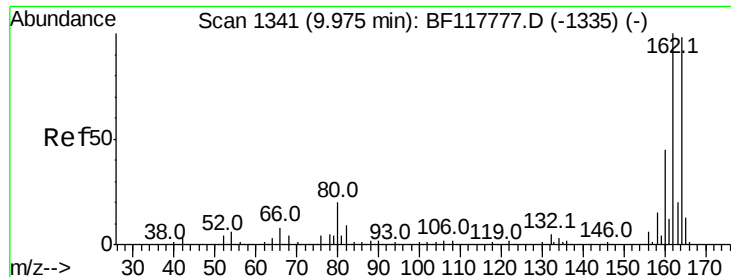
#25
 Isophorone
 Concen: 30.851 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.28 min
 Lab File: BF117855.D
 Acq: 19 Nov 2019 13:21

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: BF117855.D

Acq: 19 Nov 2019 13:21

Instrument :

BNA_F

ClientSampleId :

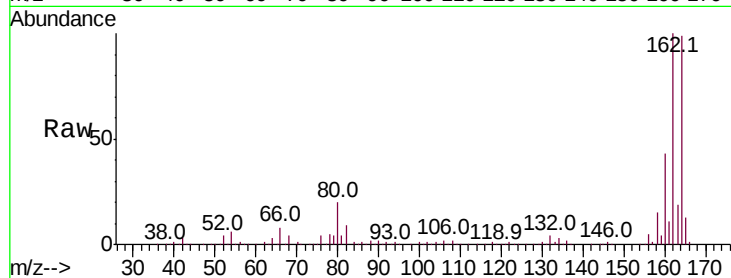
Tot Ion:164 Resp: 484233

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

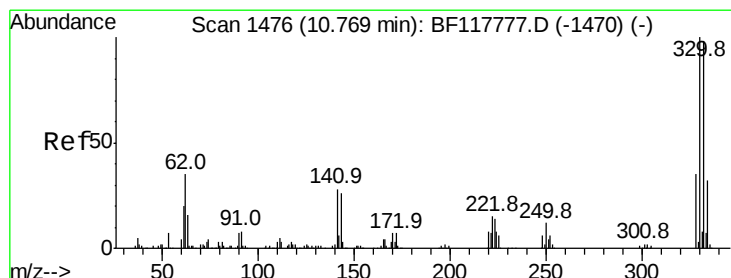
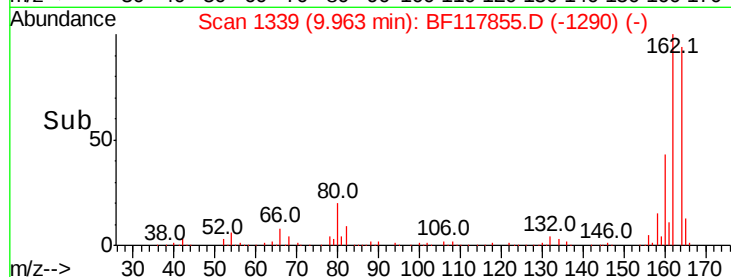
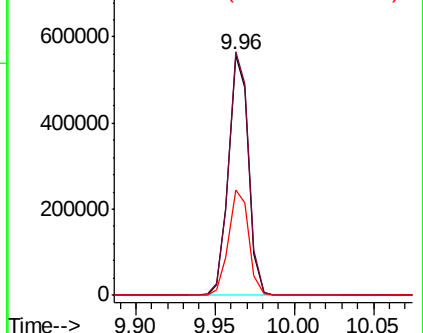
160 44.1 36.6 55.0



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: 72.419 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

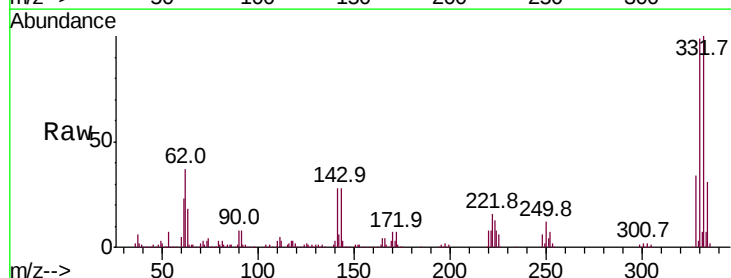
Tgt Ion:330 Resp: 371258

Ion Ratio Lower Upper

330 100

332 98.1 76.7 115.1

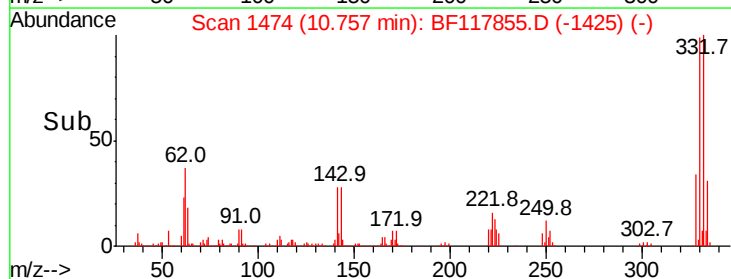
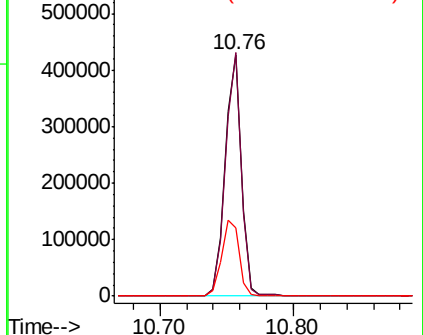
141 33.9 27.7 41.5

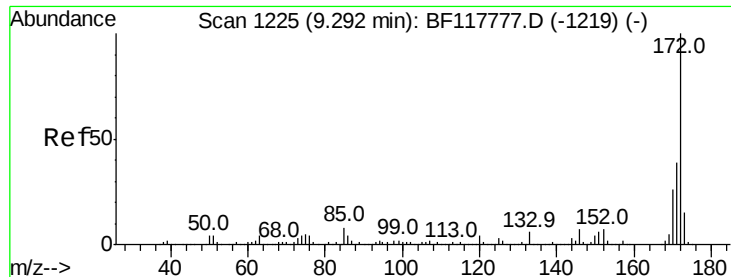


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

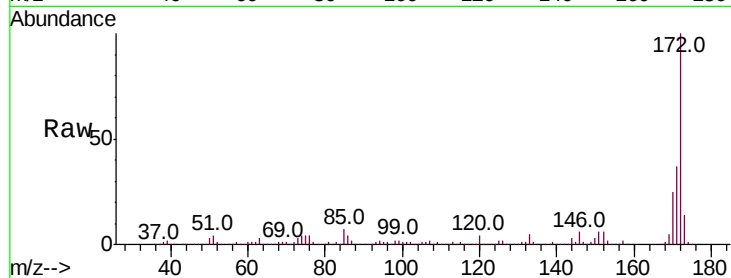




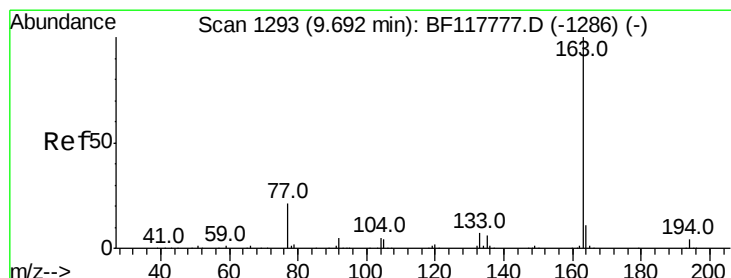
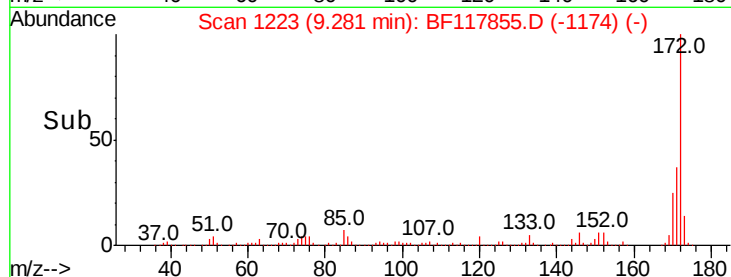
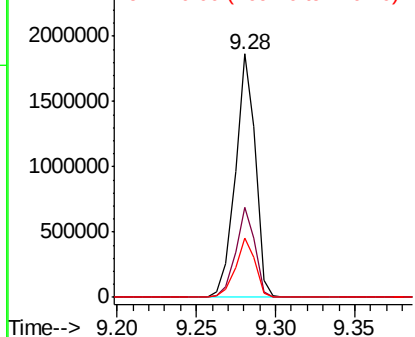
#45
2-Fluorobiphenyl
Concen: 60.086 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1621805
Ion Ratio Lower Upper
172 100
171 37.0 30.9 46.3
170 24.5 21.0 31.4

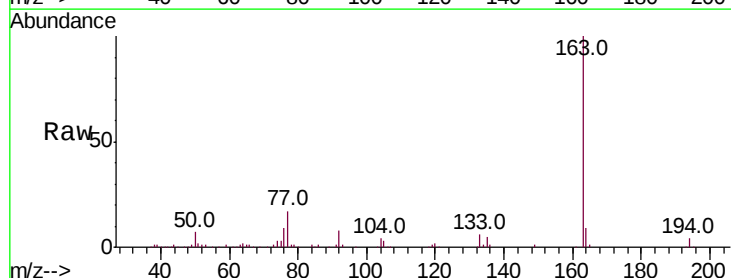


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

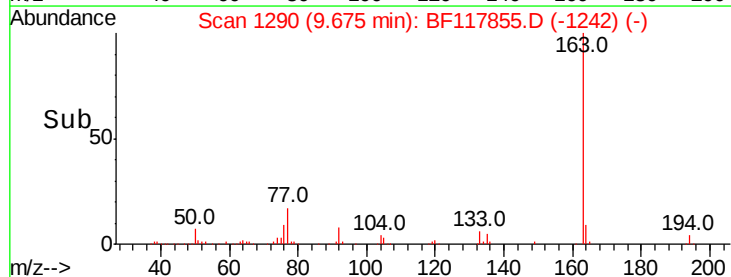
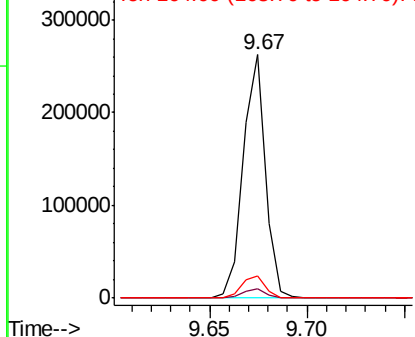


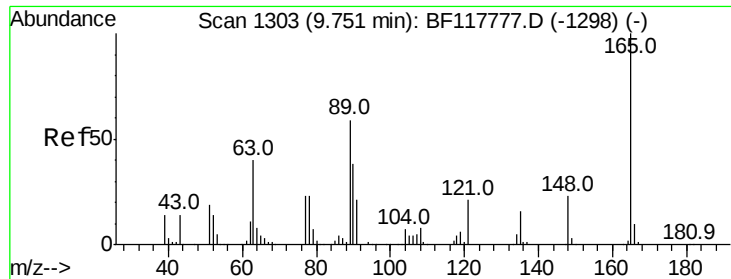
#50
Dimethylphthalate
Concen: 6.116 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:163 Resp: 207661
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.1 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: 8.536 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.21 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

Instrument :

BNA_F

ClientSampleId :

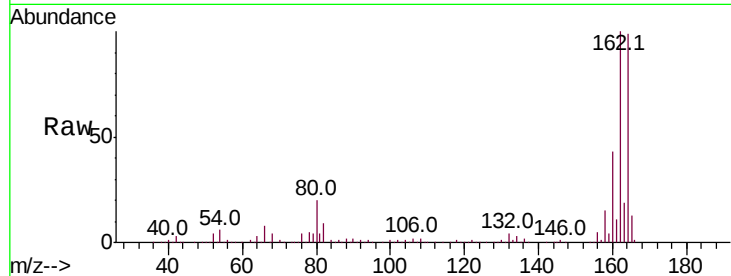
Tot Ion:165 Resp: 63345

Ion Ratio Lower Upper

165 100

63 1.1 46.0 69.0#

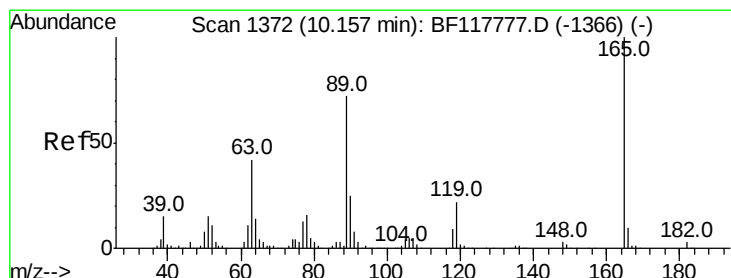
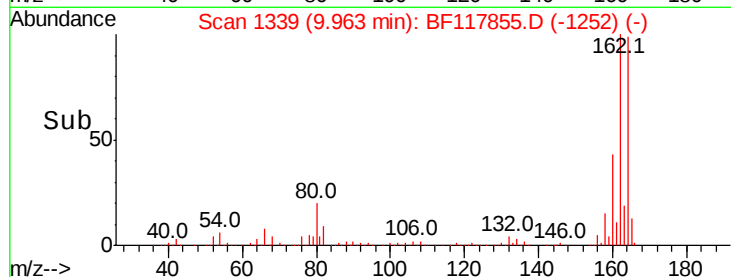
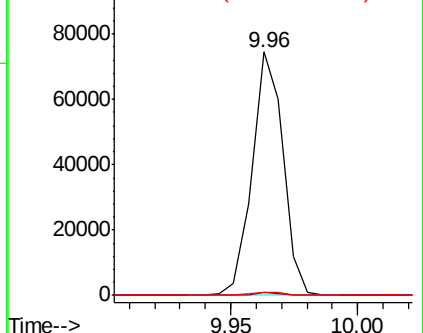
89 1.4 47.7 71.5#



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: 6.710 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.19 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

Tgt Ion:165 Resp: 63345

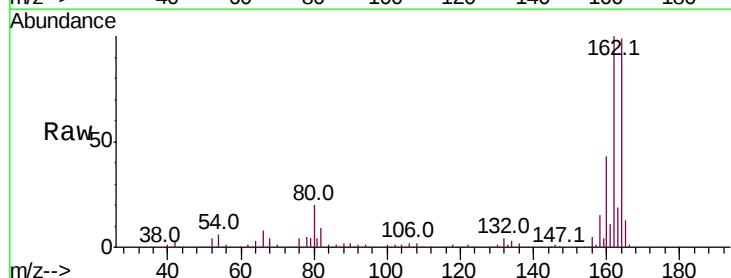
Ion Ratio Lower Upper

165 100

63 1.1 33.7 50.5#

89 1.4 57.3 85.9#

182 0.0 2.3 3.5#

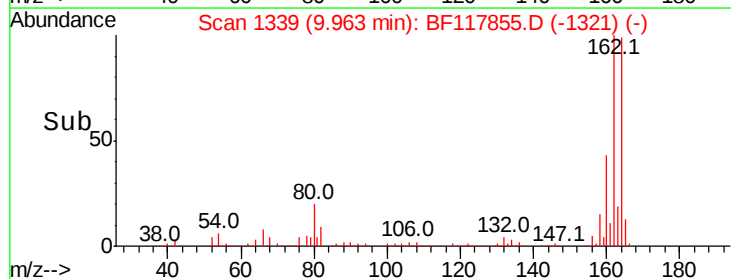
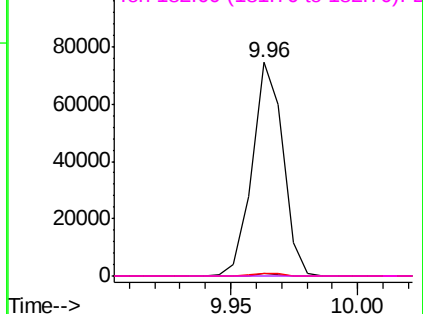


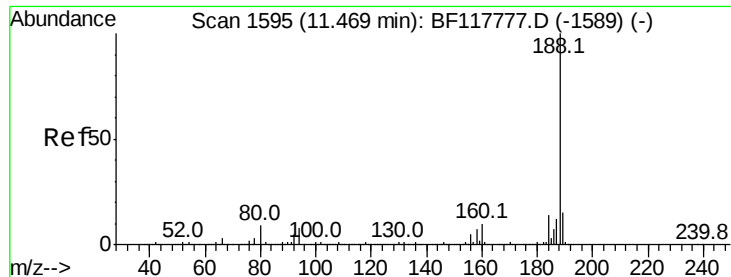
Abundance Ion 165.00 (164.70 to 165.70): E

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

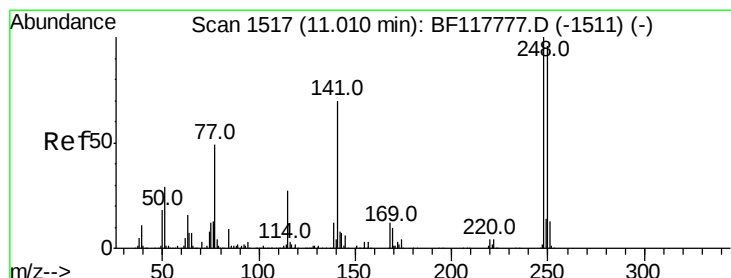
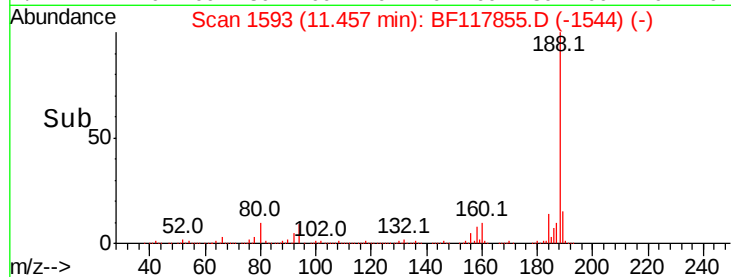
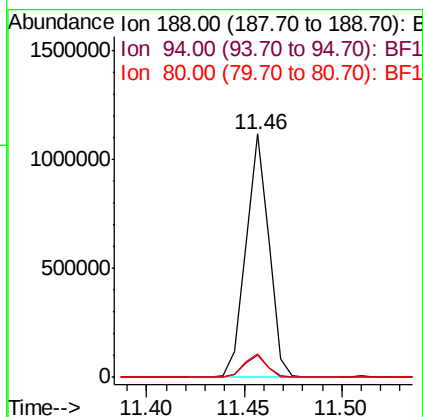
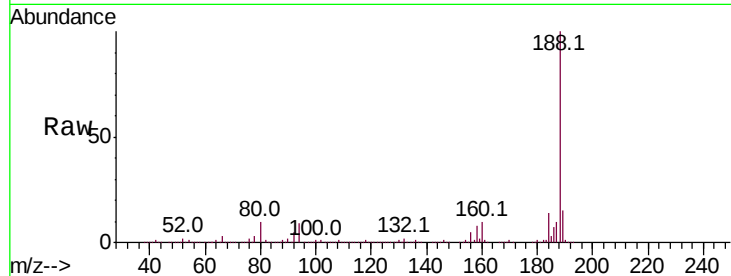




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

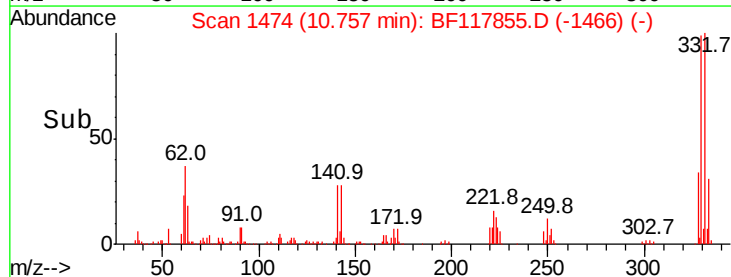
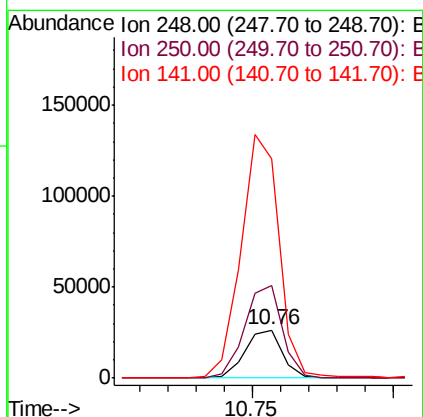
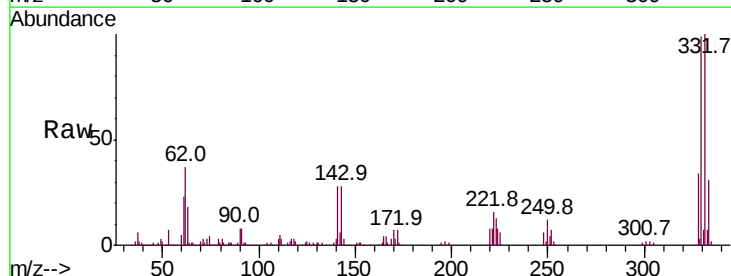
Instrument :
BNA_F
ClientSampled :

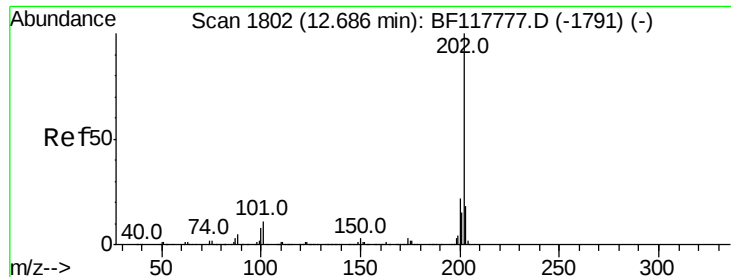
Tot Ion:188 Resp: 913072
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.8 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.473 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:248 Resp: 24361
Ion Ratio Lower Upper
248 100
250 192.7 76.6 115.0#
141 453.7 55.9 83.9#





#75

Fluoranthene

Concen: Below Cal

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

Instrument :

BNA_F

ClientSampleId :

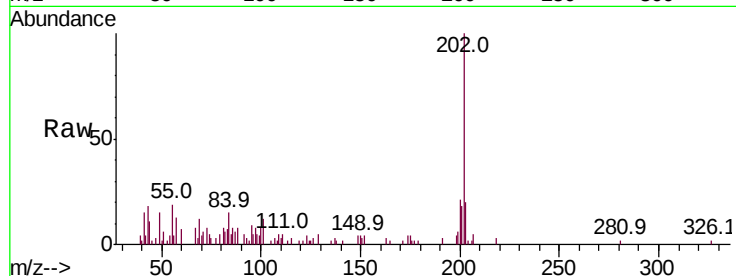
Tot Ion:202 Resp: 15407

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.1

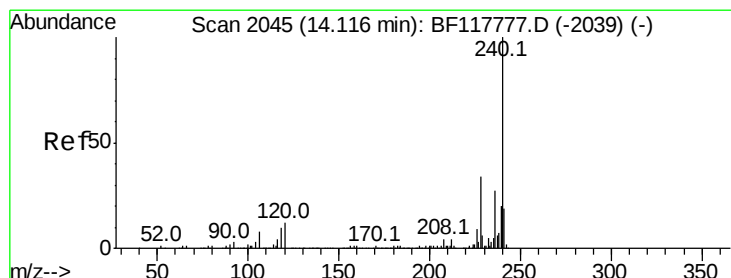
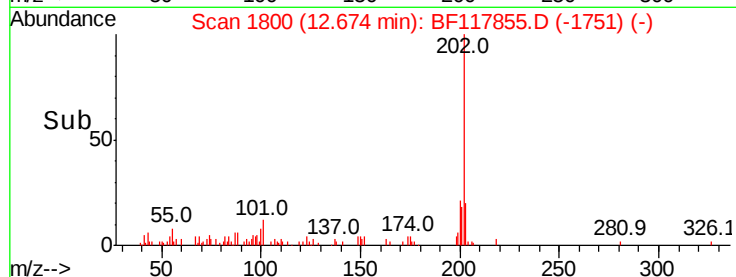
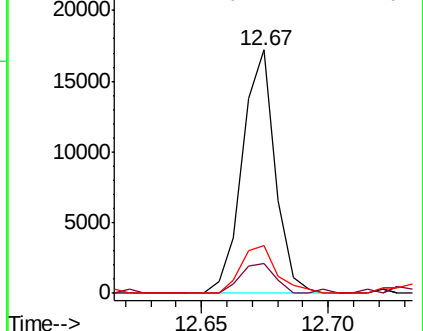
203 19.7 0.0 38.2



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: BF117855.D

Acq: 19 Nov 2019 13:21

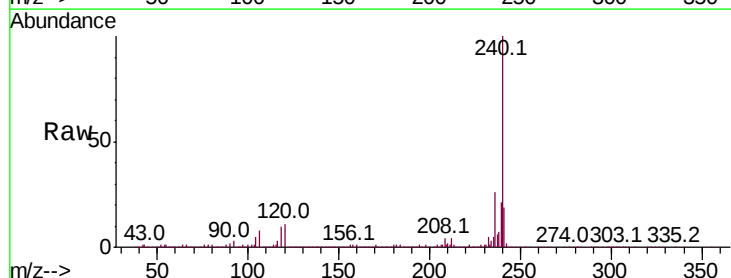
Tgt Ion:240 Resp: 592720

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

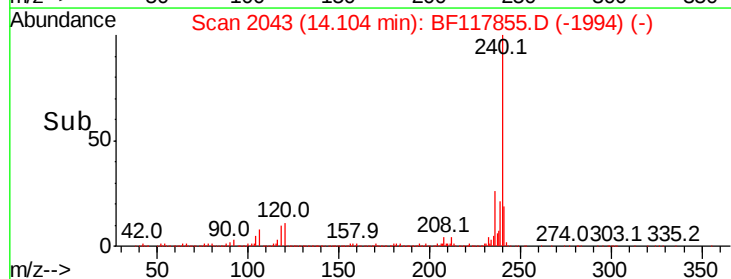
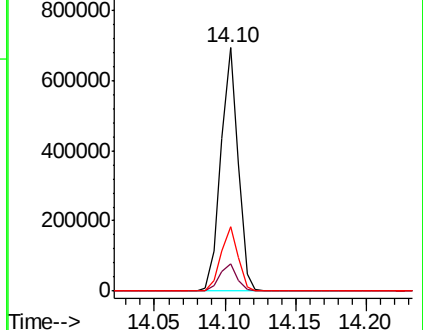
236 26.4 21.3 31.9

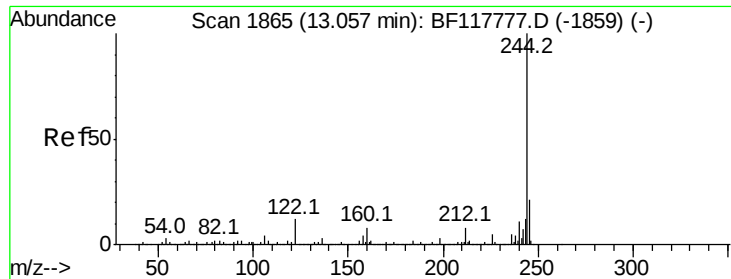


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.321 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

Instrument :

BNA_F

ClientSampled :

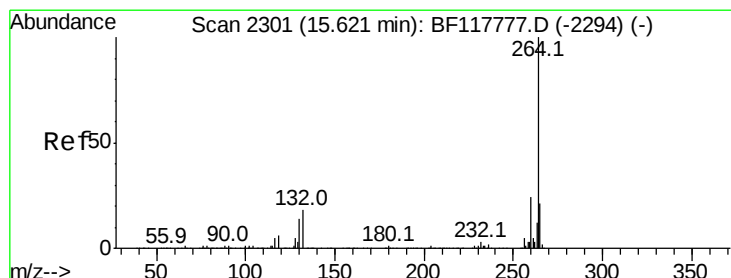
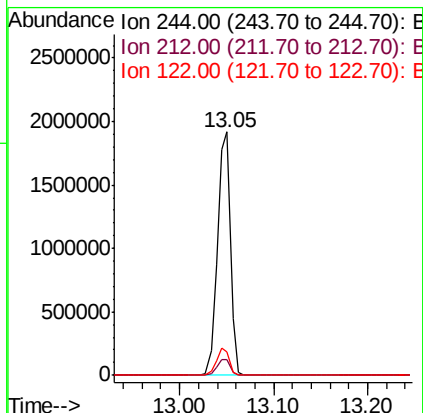
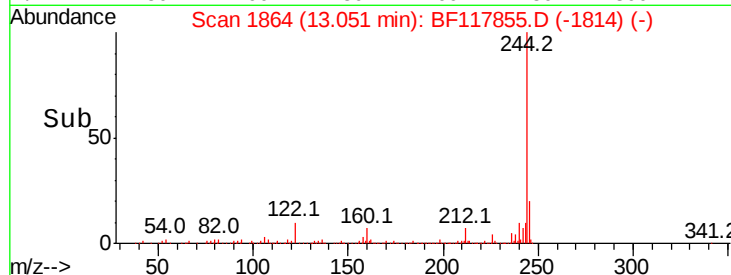
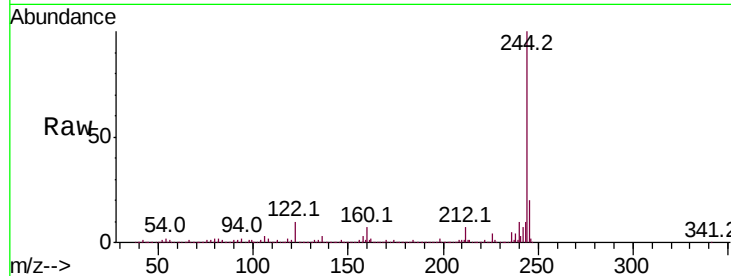
Tot Ion:244 Resp: 1859000

Ion Ratio Lower Upper

244 100

212 6.6 6.3 9.5

122 9.6 9.4 14.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117855.D

Acq: 19 Nov 2019 13:21

Tgt Ion:264 Resp: 537187

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.5 17.1 25.7

