

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117992.D
 Acq On : 26 Nov 2019 3:36
 Operator : JU
 Sample : K5839-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 06:06:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

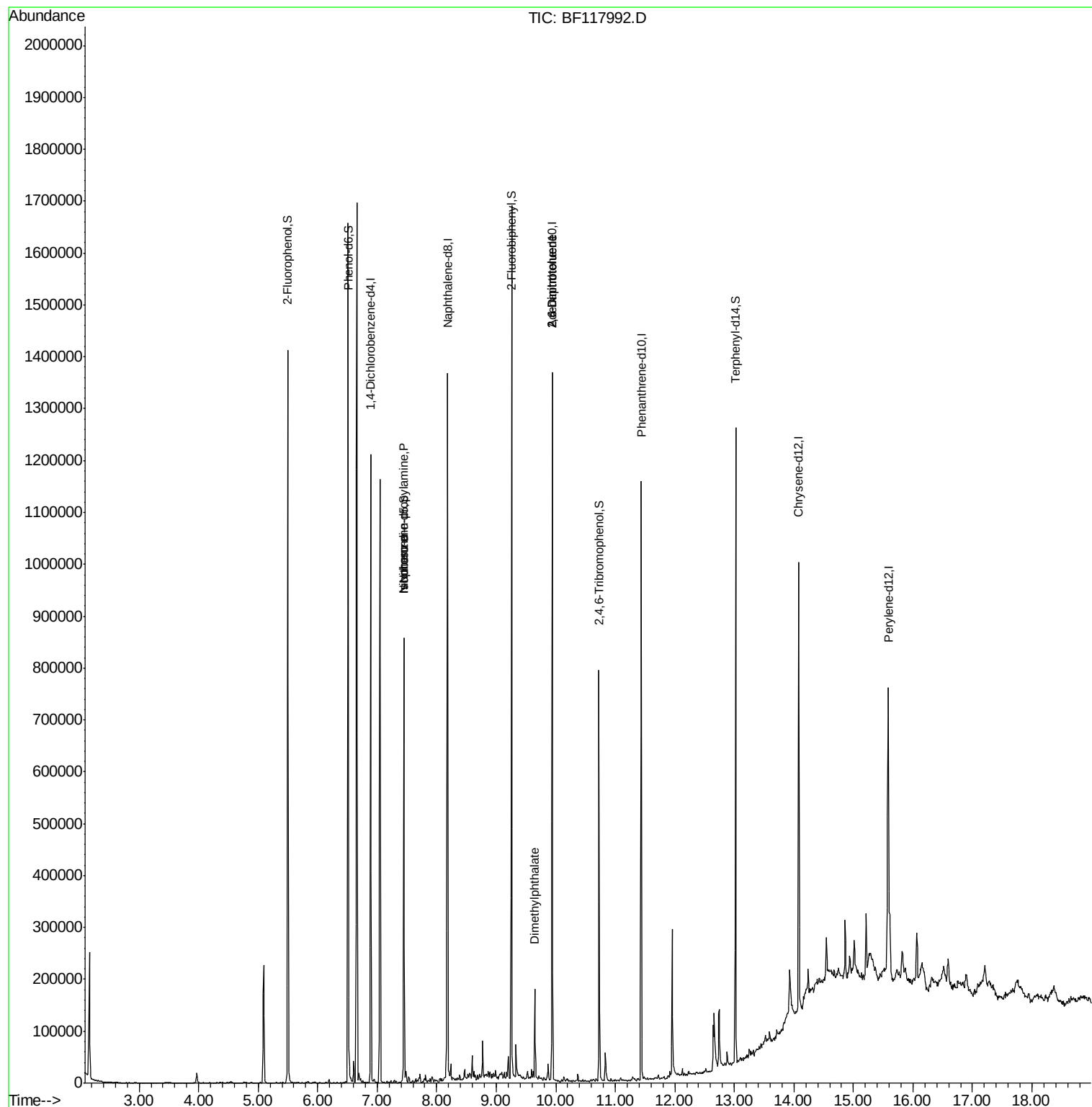
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	182484	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	575958	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	264507	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	396132	20.00	ng	0.00
76) Chrysene-d12	14.08	240	267953	20.00	ng	0.00
87) Perylene-d12	15.59	264	251014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	359251	34.85	ng	0.00
7) Phenol-d6	6.51	99	494158	39.74	ng	-0.01
23) Nitrobenzene-d5	7.45	82	242441	25.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	92622	33.08	ng	-0.01
45) 2-Fluorobiphenyl	9.26	172	489910	33.23	ng	0.00
79) Terphenyl-d14	13.02	244	376111	25.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	849	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.45	70	32025	4.175 ng	#	73
25) Isophorone	7.45	82	240057	13.518 ng	#	62
50) Dimethylphthalate	9.65	163	64619	3.484 ng		97
51) 2,6-Dinitrotoluene	9.94	165	33935	8.371 ng	#	24
57) 2,4-Dinitrotoluene	9.94	165	33935	6.581 ng	#	25
75) Fluoranthene	12.65	202	9113	Below Cal		93

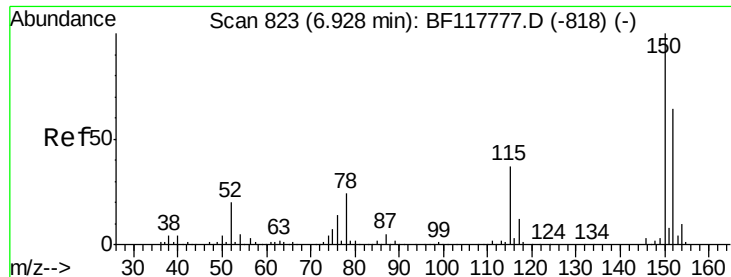
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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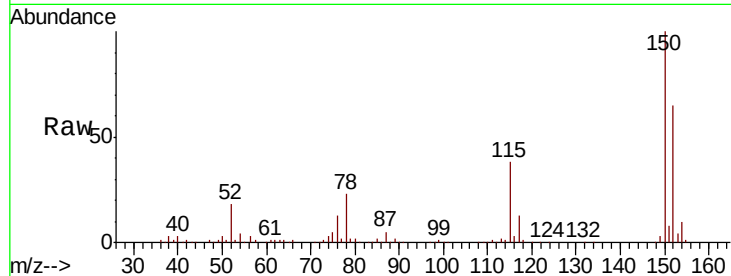


#1

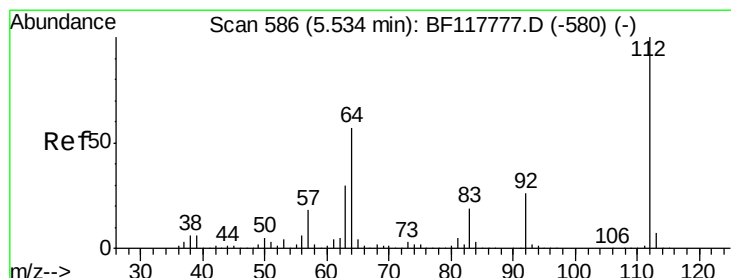
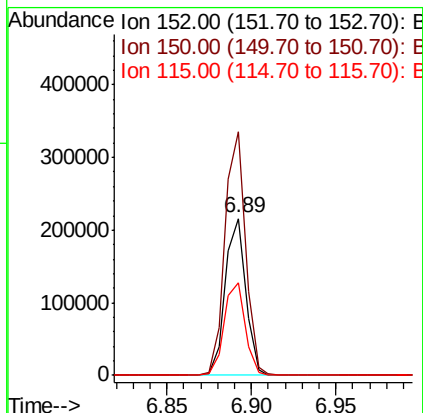
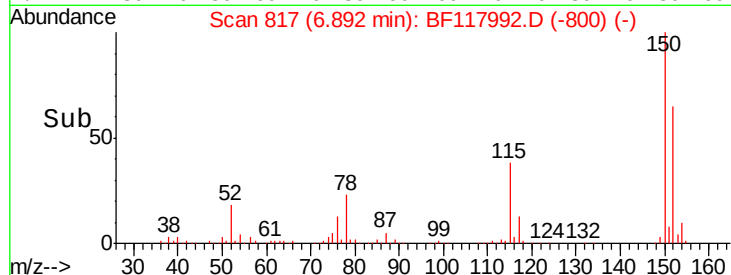
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF117992.D
 Acq: 26 Nov 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 182484
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.3 187.9
 115 59.1 47.0 70.4



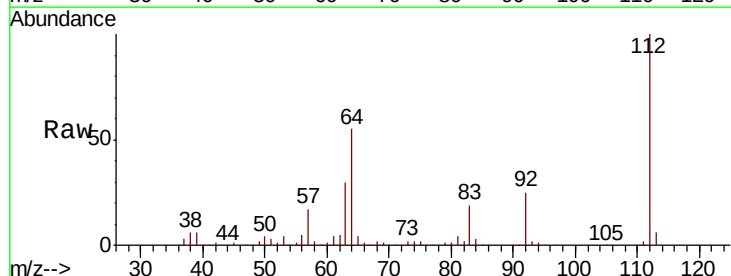
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



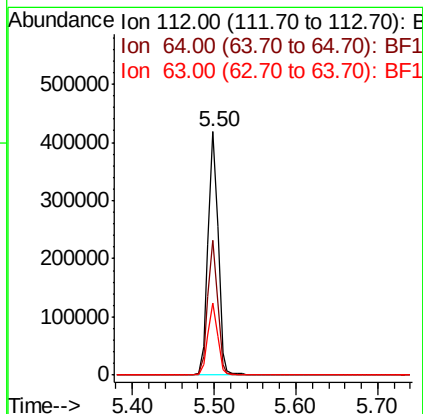
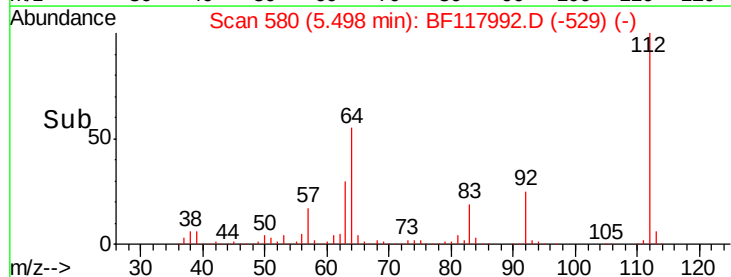
#5

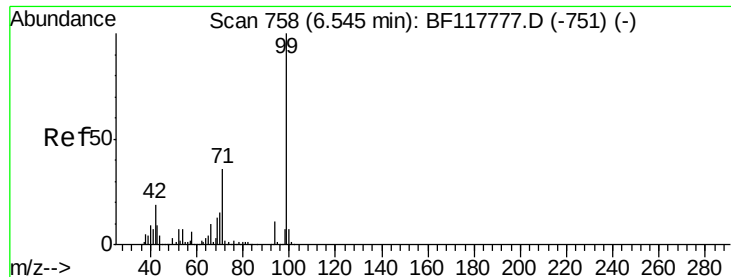
2-Fluorophenol
 Concen: 34.848 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF117992.D
 Acq: 26 Nov 2019 3:36

Tgt Ion:112 Resp: 359251
 Ion Ratio Lower Upper
 112 100
 64 55.4 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: 39.741 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF117992.D

Acq: 26 Nov 2019 3:36

Instrument :

BNA_F

ClientSampleId :

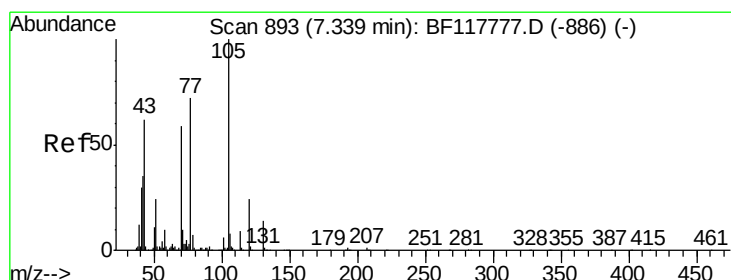
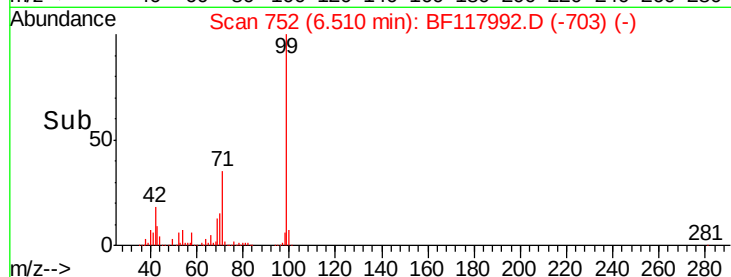
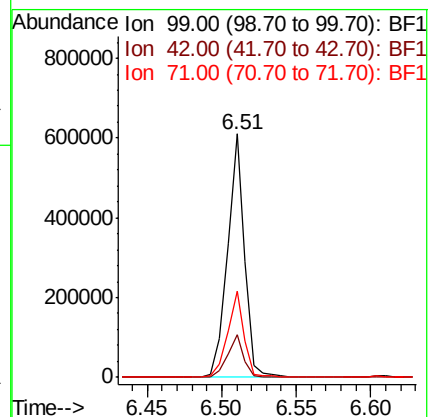
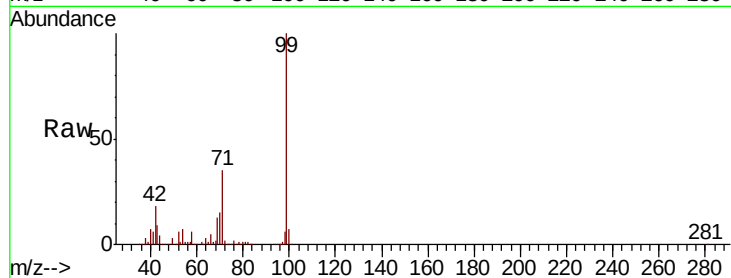
Tot Ion: 99 Resp: 494158

Ion Ratio Lower Upper

99 100

42 17.5 14.9 22.3

71 35.2 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.175 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF117992.D

Acq: 26 Nov 2019 3:36

Tgt Ion: 70 Resp: 32025

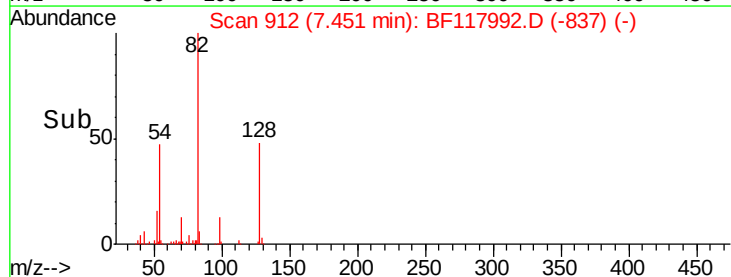
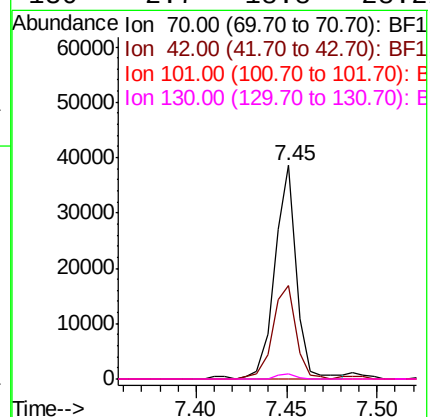
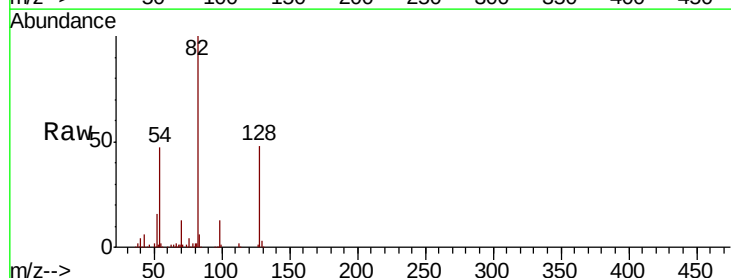
Ion Ratio Lower Upper

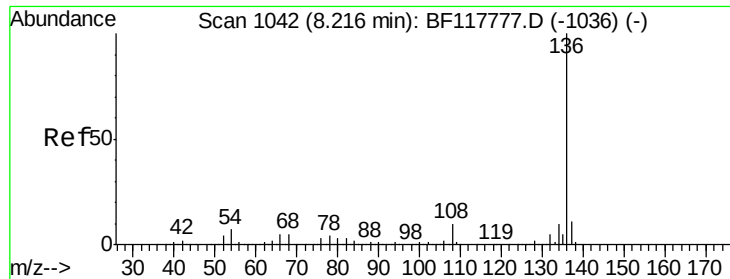
70 100

42 44.1 47.4 71.2#

101 0.0 8.4 12.6#

130 2.7 18.8 28.2#

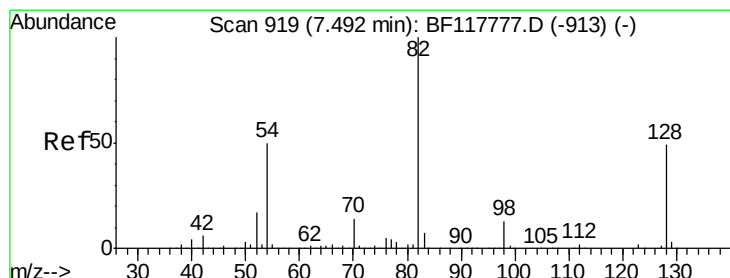
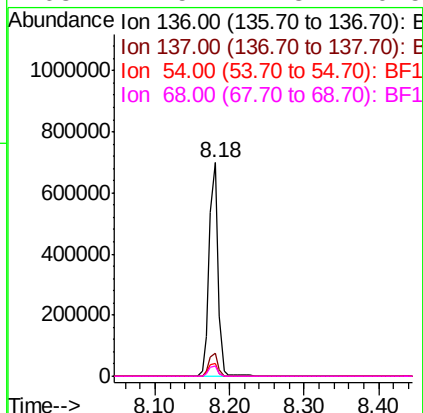
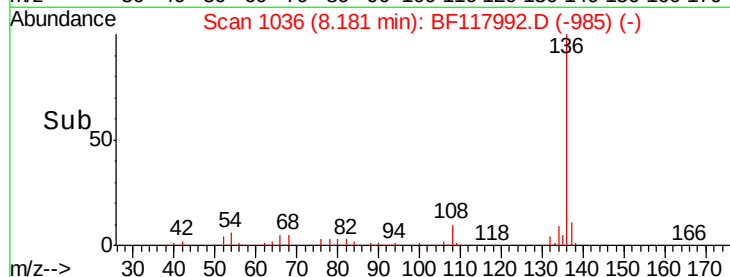
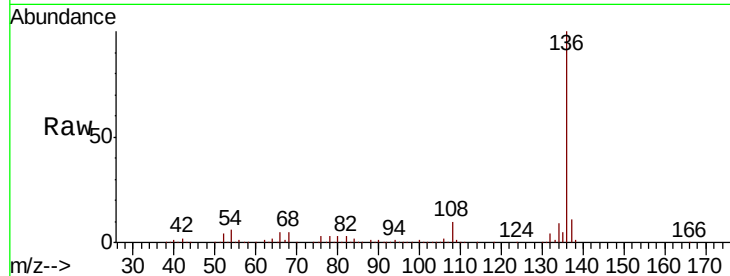




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF117992.D
Acq: 26 Nov 2019 3:36

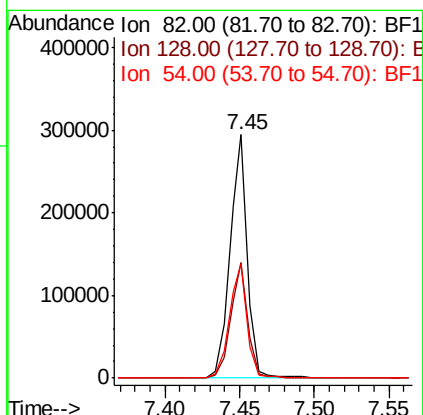
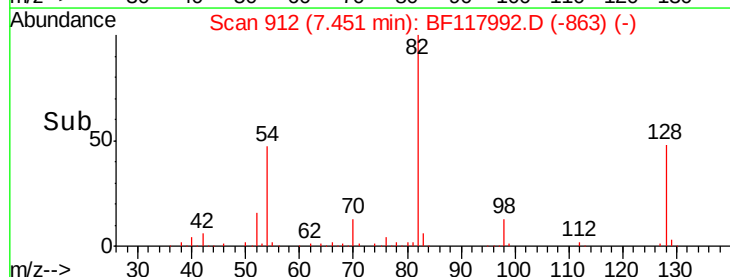
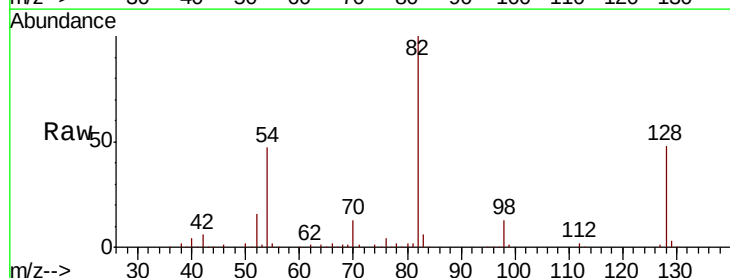
Instrument :
BNA_F
ClientSampleId :

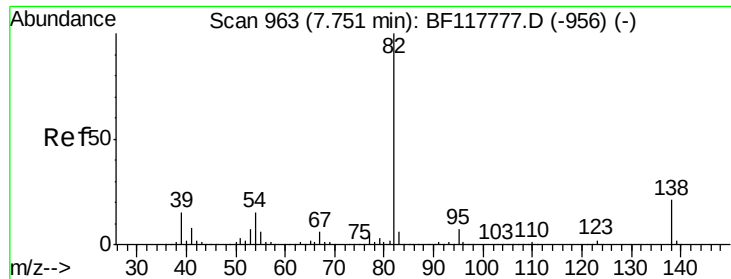
Tot Ion:136	Resp:	575958
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	6.0	5.4 8.2
68	4.5	4.3 6.5



#23
Nitrobenzene-d5
Concen: 25.023 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF117992.D
Acq: 26 Nov 2019 3:36

Tgt Ion: 82	Resp:	242441
Ion	Ratio	Lower Upper
82	100	
128	47.6	38.9 58.3
54	46.9	39.8 59.6

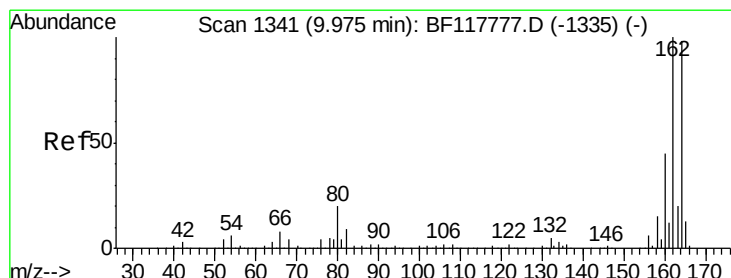
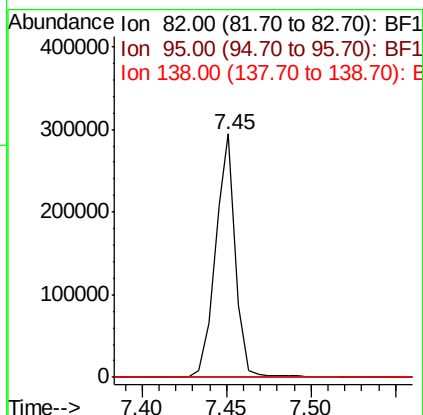
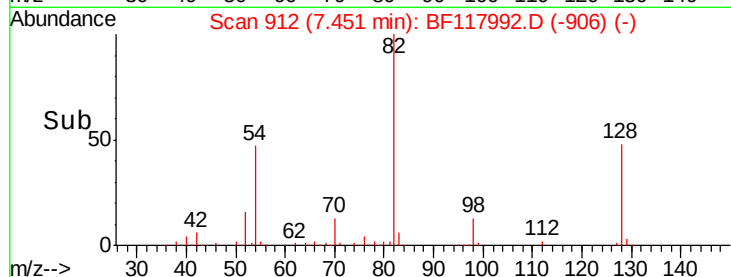
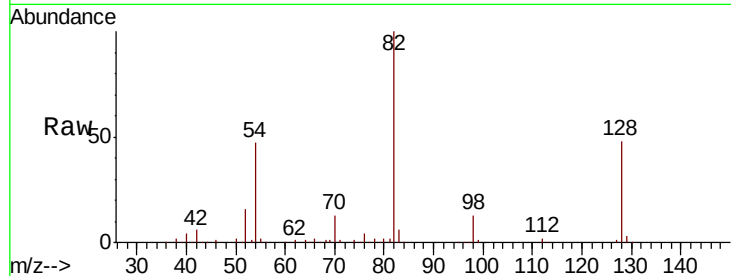




#25
Isophorone
Concen: 13.518 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF117992.D
Acq: 26 Nov 2019 3:36

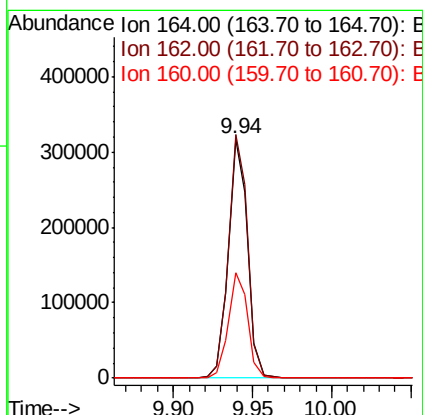
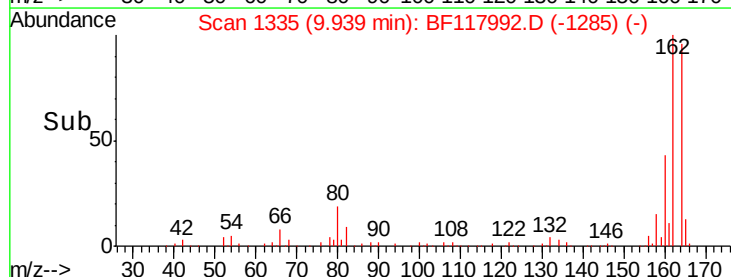
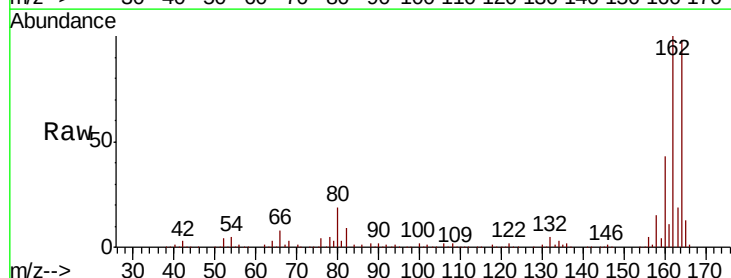
Instrument :
BNA_F
ClientSampleId :

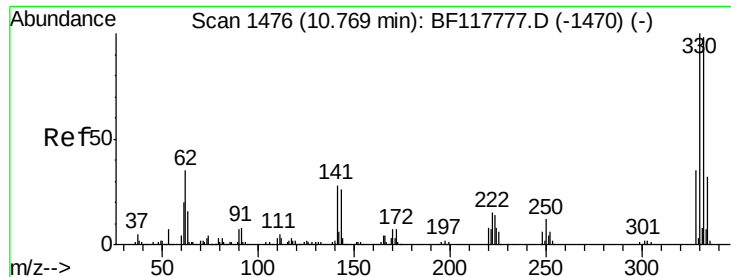
Tot Ion: 82 Resp: 240057
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.8#
138 0.0 16.5 24.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF117992.D
Acq: 26 Nov 2019 3:36

Tgt Ion: 164 Resp: 264507
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 44.3 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 33.076 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF117992.D

Acq: 26 Nov 2019 3:36

Instrument :

BNA_F

ClientSampled :

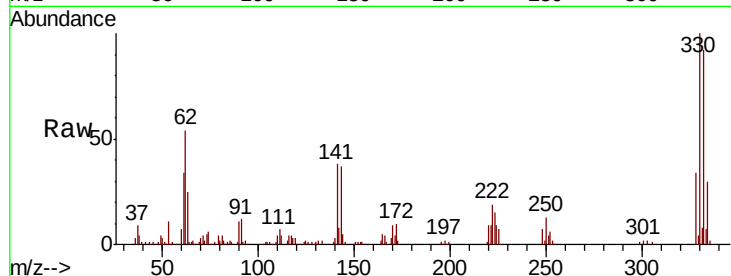
Tot Ion:330 Resp: 92622

Ion Ratio Lower Upper

330 100

332 95.0 76.7 115.1

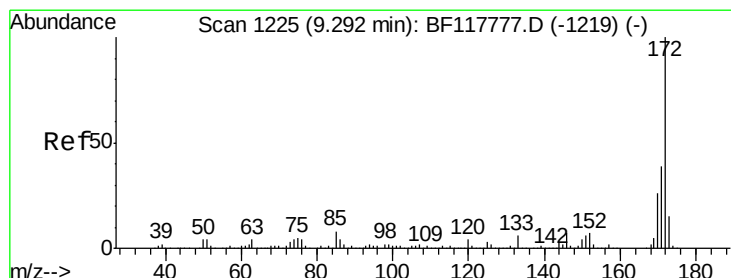
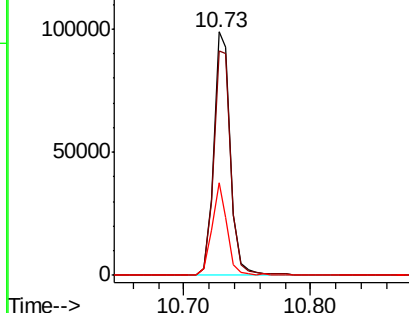
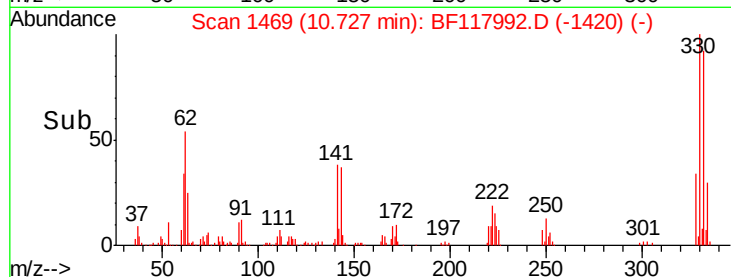
141 33.9 27.7 41.5



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: 33.228 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF117992.D

Acq: 26 Nov 2019 3:36

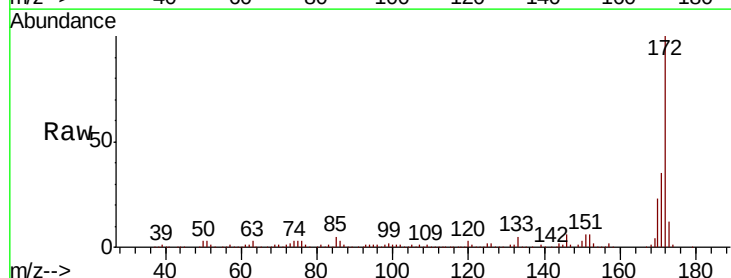
Tgt Ion:172 Resp: 489910

Ion Ratio Lower Upper

172 100

171 35.3 30.9 46.3

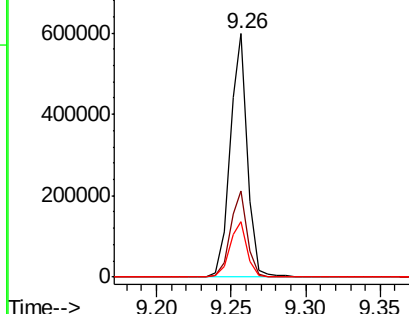
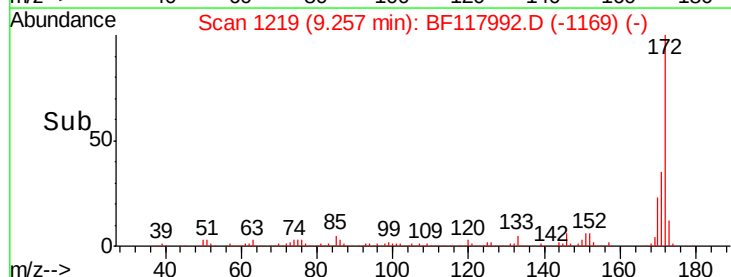
170 22.9 21.0 31.4

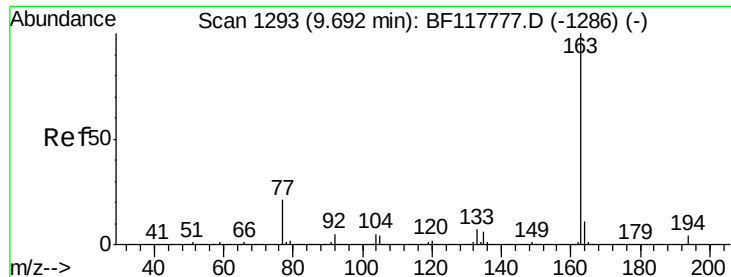


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

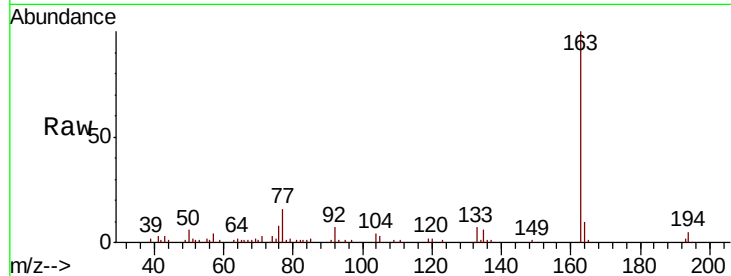




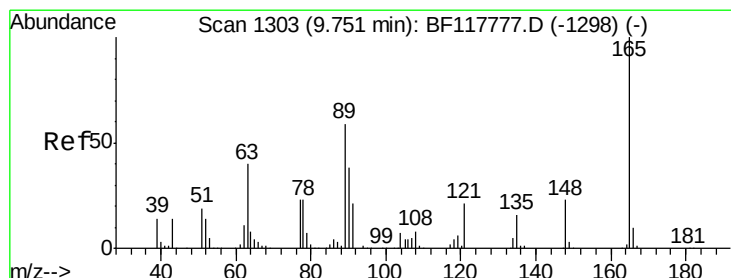
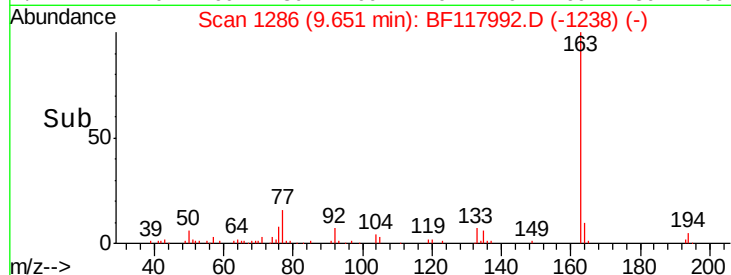
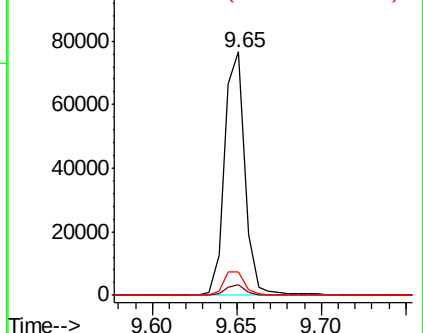
#50
Dimethylphthalate
Concen: 3.484 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF117992.D
Acq: 26 Nov 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 64619
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 9.7 8.7 13.1

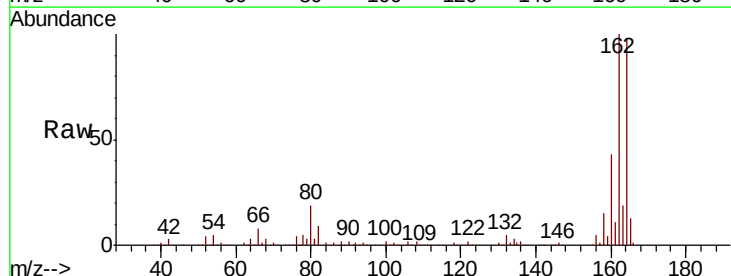


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

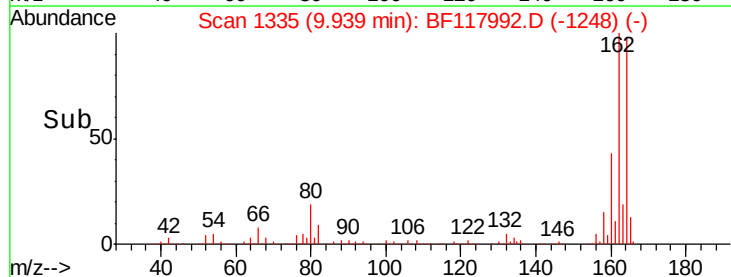
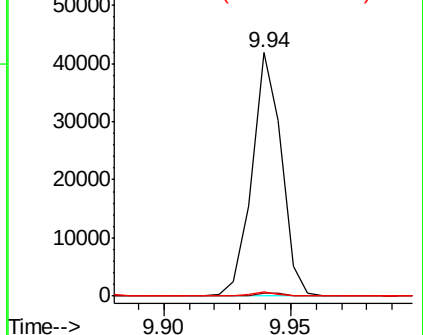


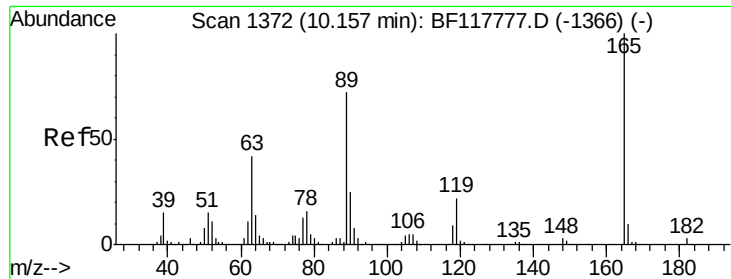
#51
2,6-Dinitrotoluene
Concen: 8.371 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.21 min
Lab File: BF117992.D
Acq: 26 Nov 2019 3:36

Tgt Ion:165 Resp: 33935
Ion Ratio Lower Upper
165 100
63 1.3 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

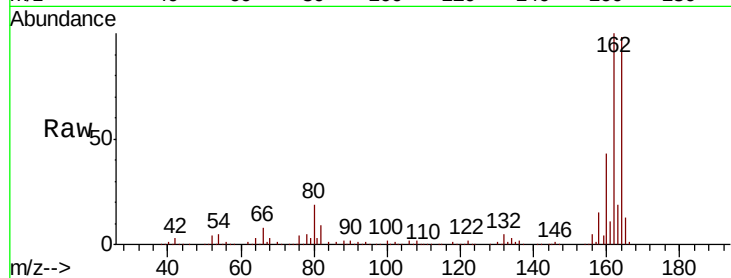




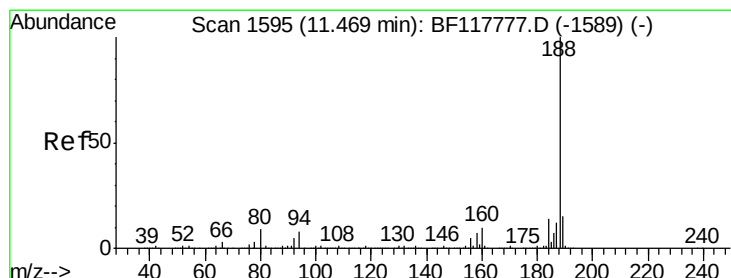
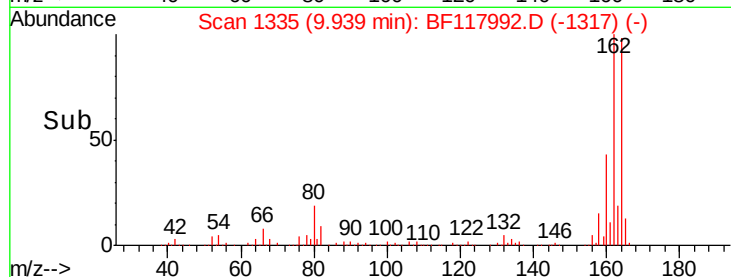
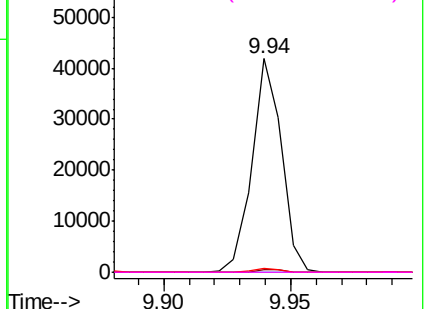
#57
 2,4-Dinitrotoluene
 Concen: 6.581 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF117992.D
 Acq: 26 Nov 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	33935
Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.7	50.5#
89	1.7	57.3	85.9#
182	0.0	2.3	3.5#

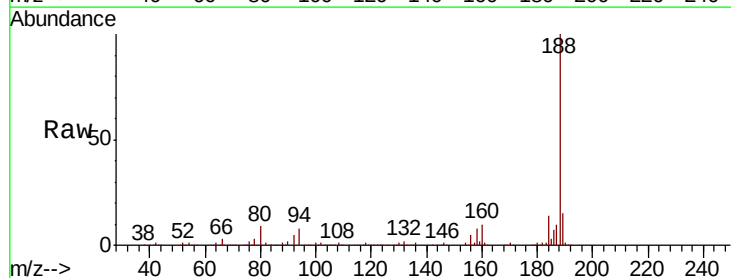


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

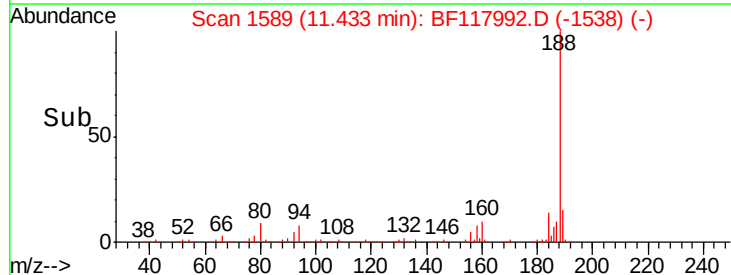
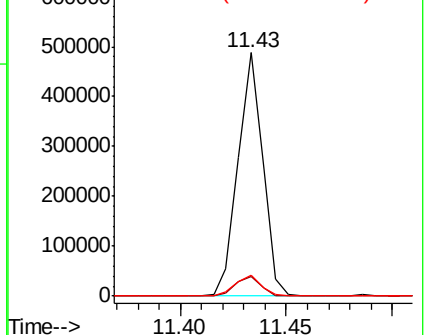


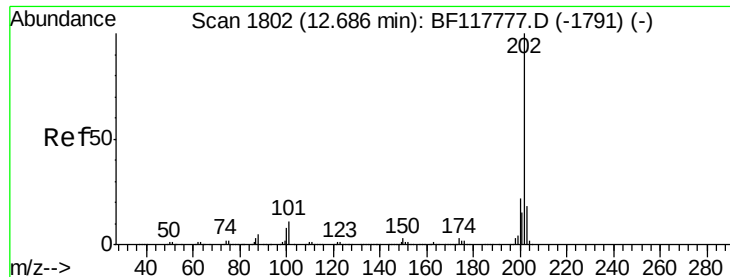
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF117992.D
 Acq: 26 Nov 2019 3:36

Tgt Ion:	188	Resp:	396132
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	8.7	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: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF117992.D

Acq: 26 Nov 2019 3:36

Instrument :

BNA_F

ClientSampled :

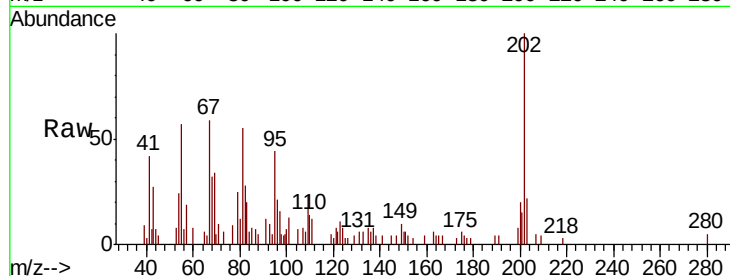
Tot Ion:202 Resp: 9113

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.1

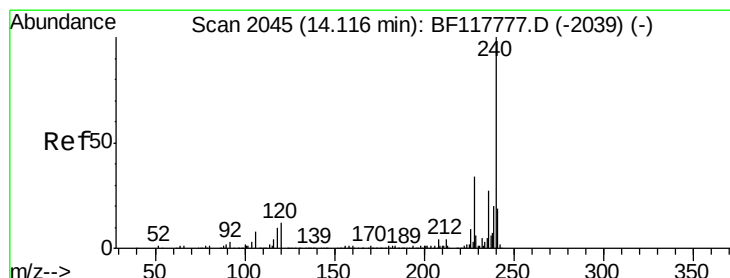
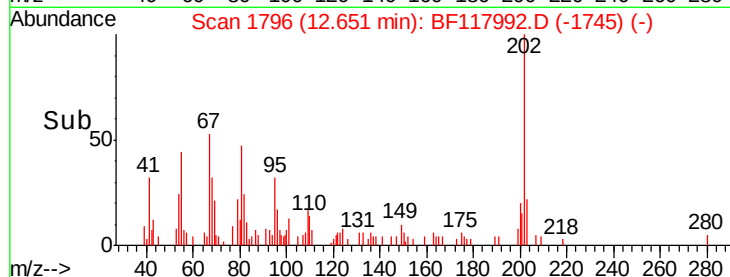
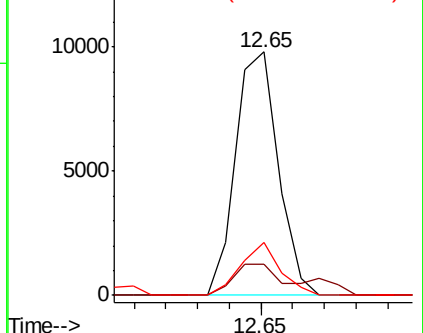
203 21.9 0.0 38.2



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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF117992.D

Acq: 26 Nov 2019 3:36

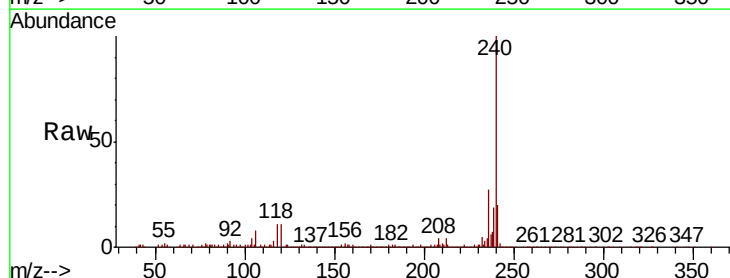
Tgt Ion:240 Resp: 267953

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

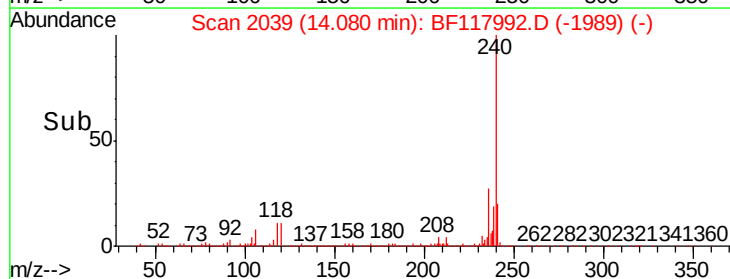
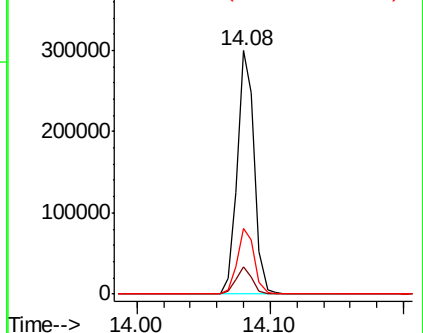
236 26.9 21.3 31.9

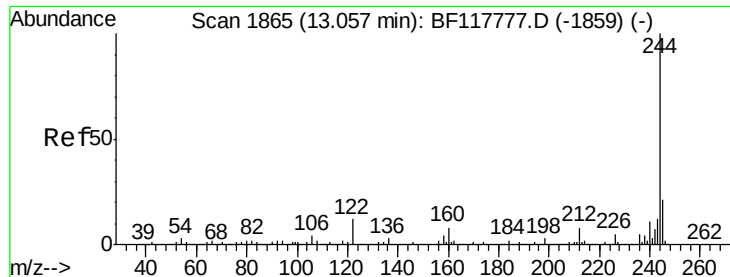


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 25.653 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF117992.D

Acq: 26 Nov 2019 3:36

Instrument :

BNA_F

ClientSampleId :

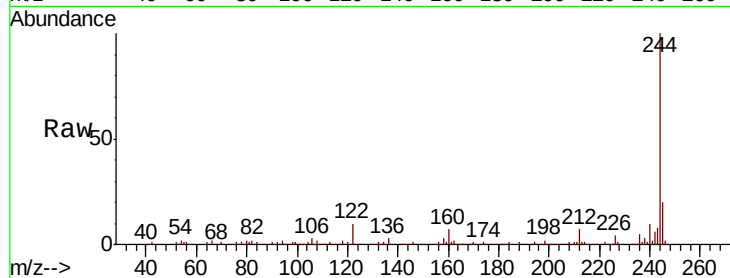
Tot Ion:244 Resp: 376111

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

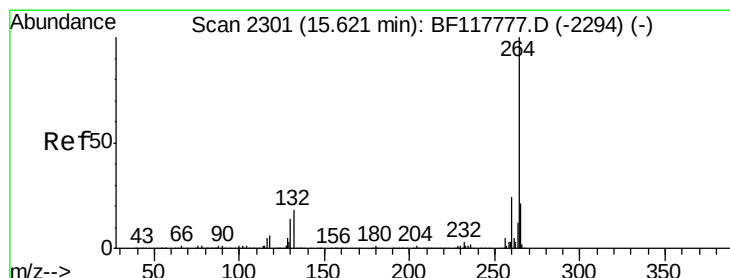
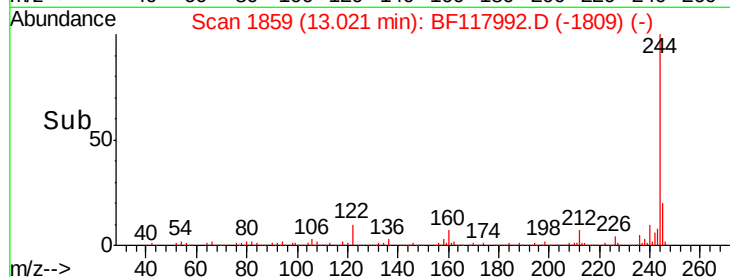
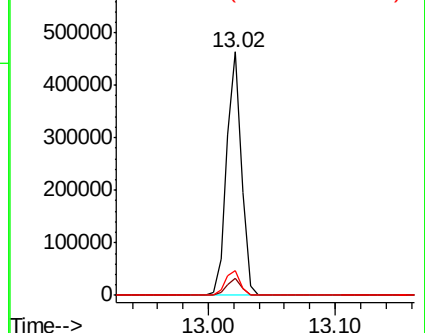
122 10.3 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF117992.D

Acq: 26 Nov 2019 3:36

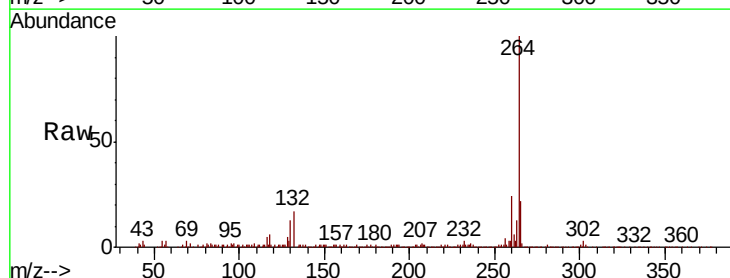
Tgt Ion:264 Resp: 251014

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.9 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

