

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117910.D
 Acq On : 21 Nov 2019 14:19
 Operator : JU
 Sample : K5955-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE

Quant Time: Nov 21 15:17:29 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

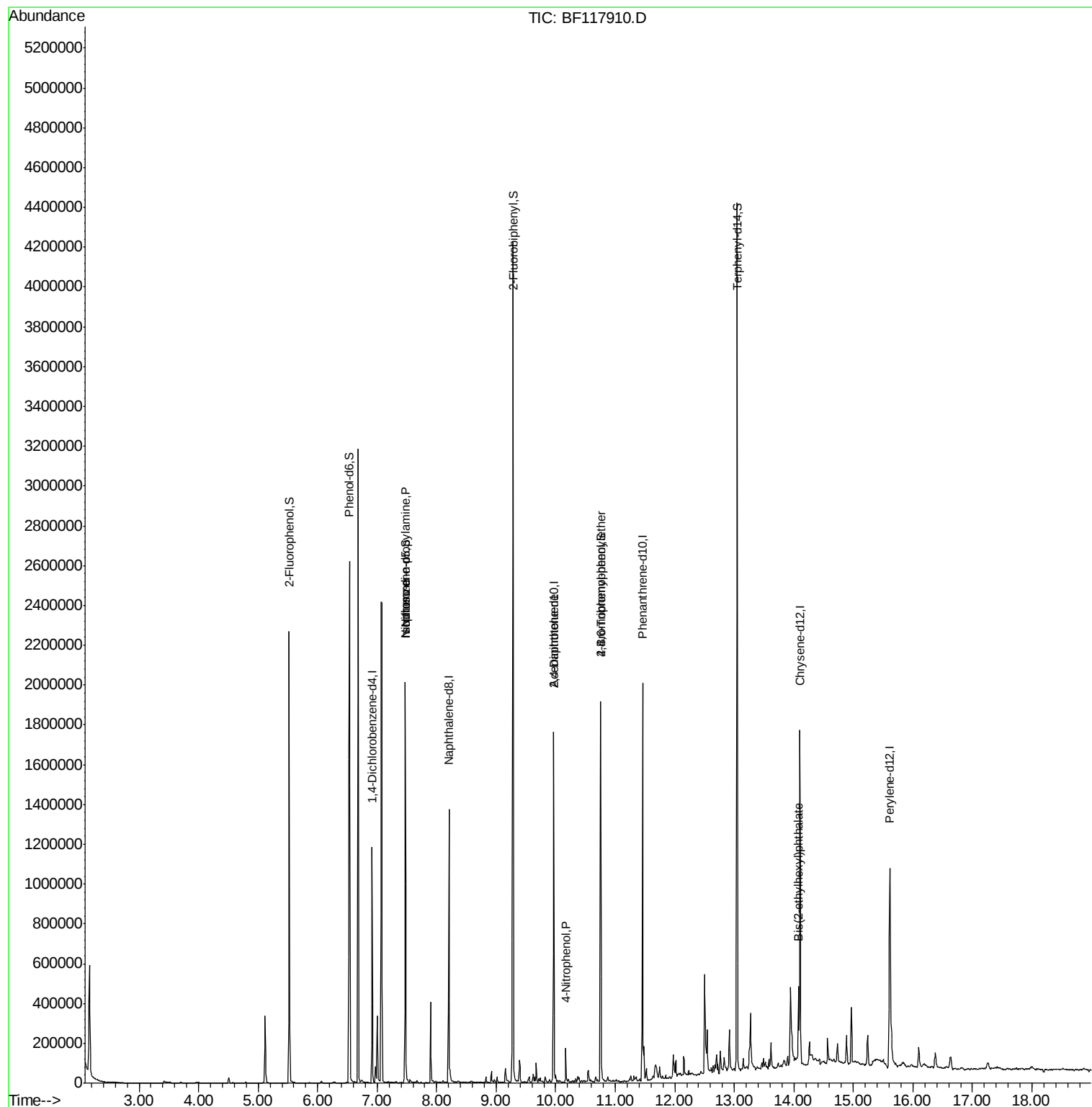
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	164267	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	654437	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	348075	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	688461	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	495635	20.00	ng	-0.01
87) Perylene-d12	15.61	264	492678	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	610864	65.83	ng	-0.01
7) Phenol-d6	6.53	99	848430	75.80	ng	-0.01
23) Nitrobenzene-d5	7.47	82	573982	52.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	237555	64.46	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1182374	60.94	ng	-0.01
79) Terphenyl-d14	13.05	244	1485035	54.76	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	1325	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	77459	11.217 ng	#	1
25) Isophorone	7.47	82	570106	28.254 ng	#	75
56) 4-Nitrophenol	10.17	139	20450	4.292 ng	#	62
57) 2,4-Dinitrotoluene	9.96	165	46013	6.781 ng	#	10
67) 4-Bromophenyl-phenylether	10.76	248	15614	2.102 ng	#	24
75) Fluoranthene	12.67	202	14200	Below Cal		1
84) Bis(2-ethylhexyl)phthalate	14.08	149	112308	5.385 ng		99
						96

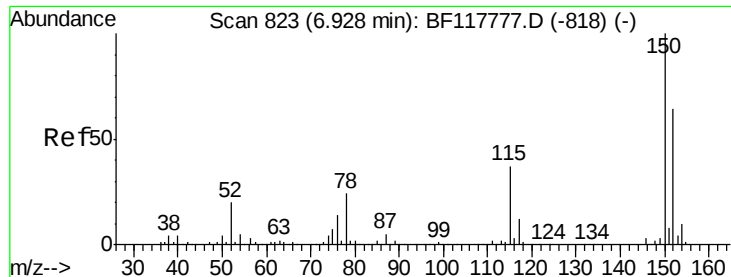
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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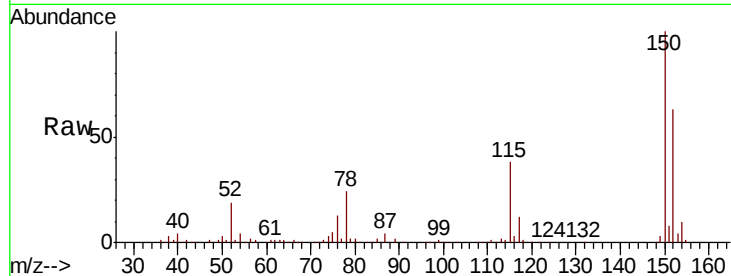


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117910.D
Acq: 21 Nov 2019 14:19

Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.3	187.9
115	60.3	47.0	70.4

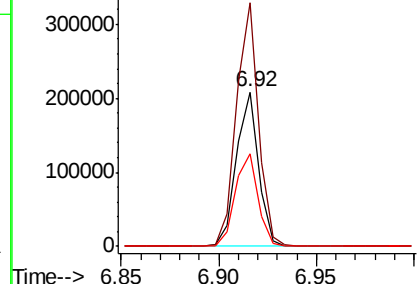
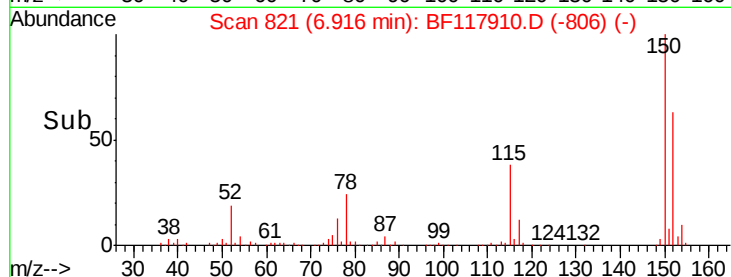


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

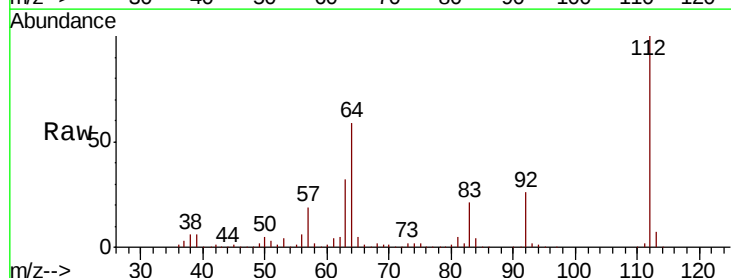
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.825 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117910.D
Acq: 21 Nov 2019 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.6	68.4
63	31.8	24.1	36.1

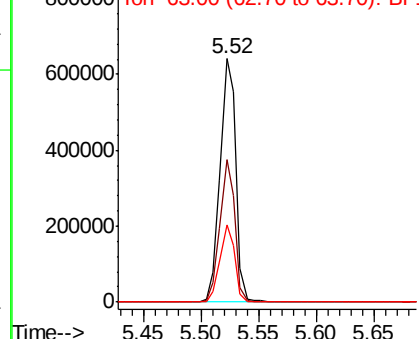
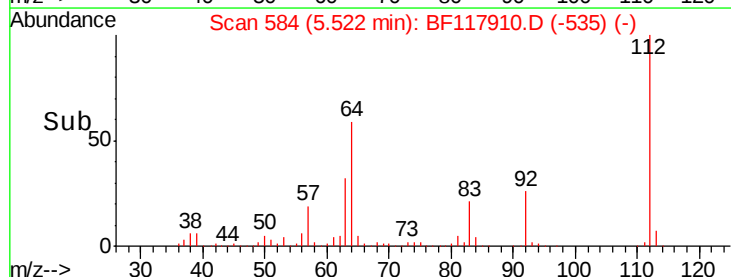


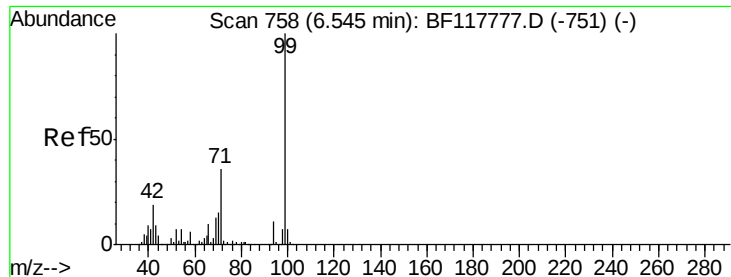
Abundance

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: 75.798 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117910.D

Acq: 21 Nov 2019 14:19

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE

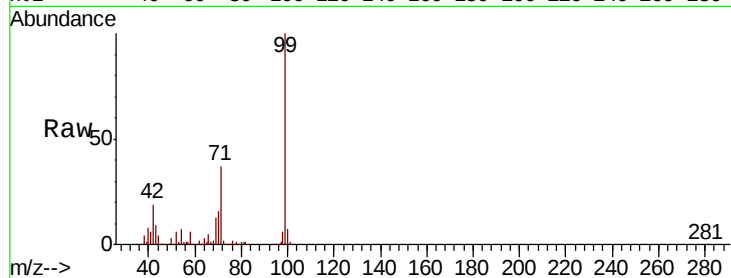
Tot Ion: 99 Resp: 848430

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

71 37.2 28.6 43.0

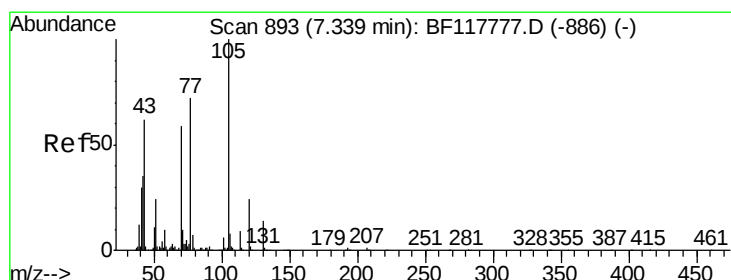
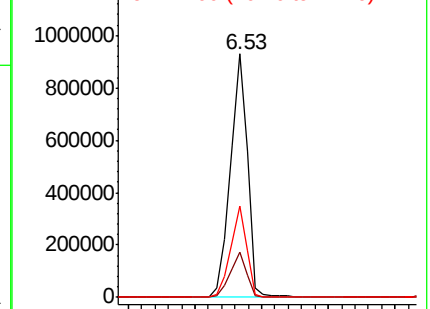
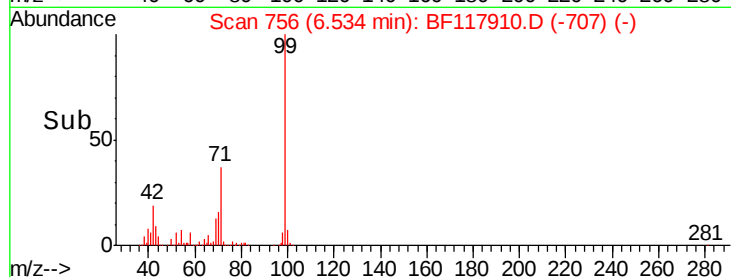


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 11.217 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF117910.D

Acq: 21 Nov 2019 14:19

Tgt Ion: 70 Resp: 77459

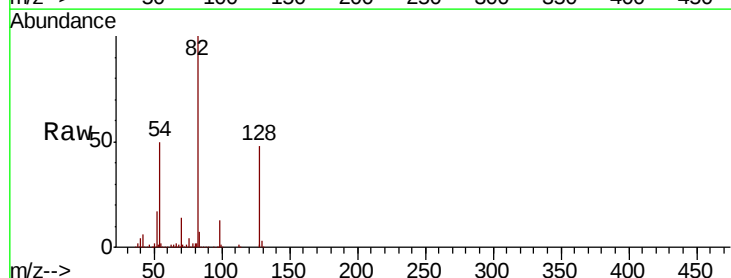
Ion Ratio Lower Upper

70 100

42 46.1 47.4 71.2#

101 0.0 8.4 12.6#

130 2.4 18.8 28.2#



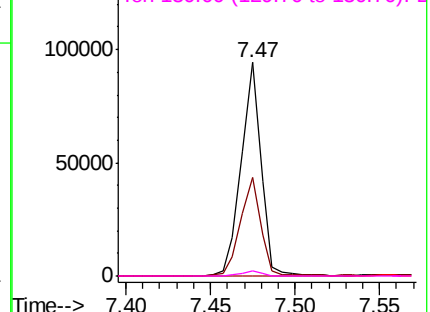
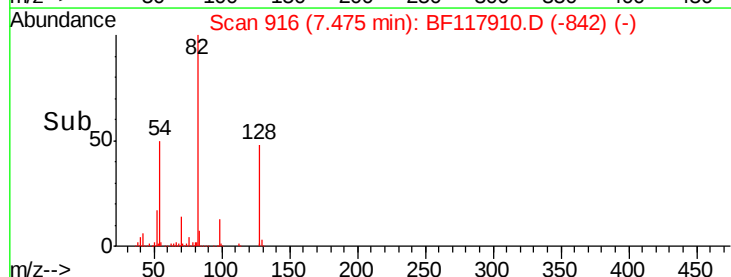
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

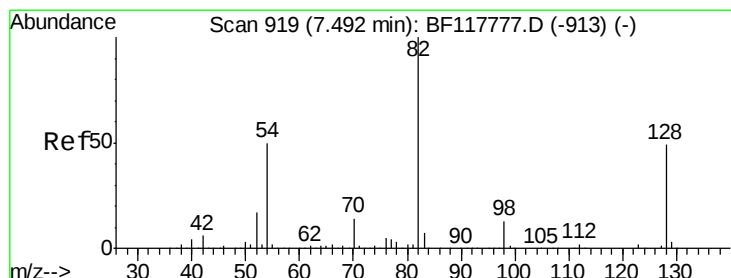
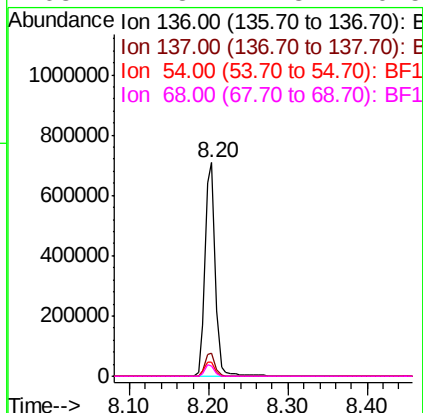
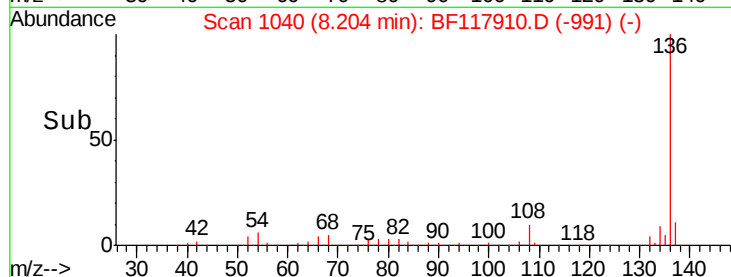
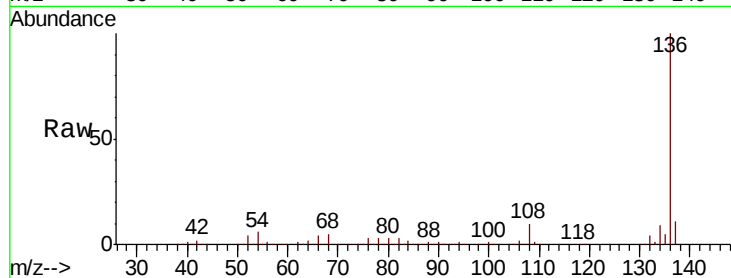




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117910.D
Acq: 21 Nov 2019 14:19

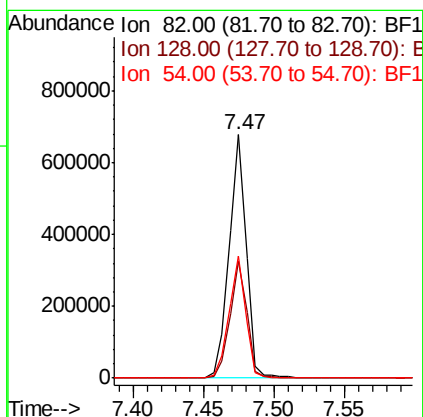
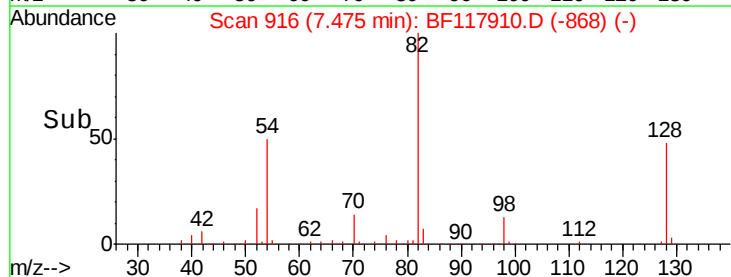
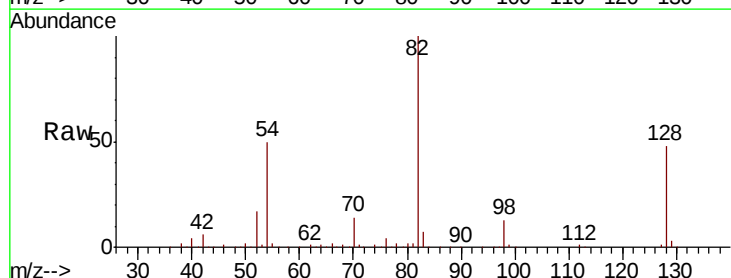
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

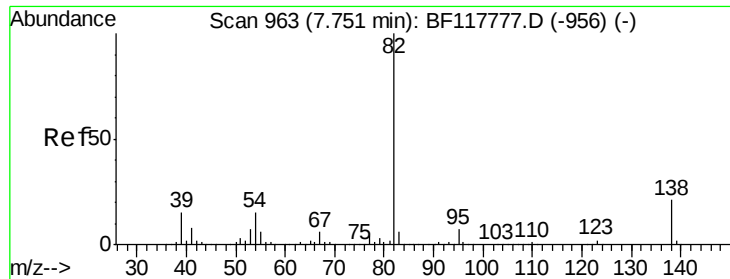
Tot Ion:136	Resp:	654437
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	6.5	5.4 8.2
68	4.8	4.3 6.5



#23
Nitrobenzene-d5
Concen: 52.138 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117910.D
Acq: 21 Nov 2019 14:19

Tgt Ion: 82	Resp:	573982
Ion Ratio	Lower	Upper
82	100	
128	48.2	38.9 58.3
54	50.0	39.8 59.6





#25

Isophorone

Concen: 28.254 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.28 min

Lab File: BF117910.D

Acq: 21 Nov 2019 14:19

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE

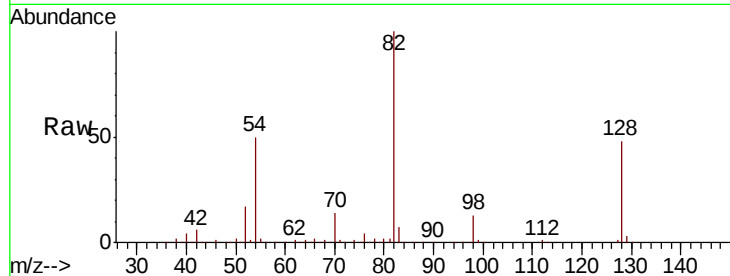
Tot Ion: 82 Resp: 570106

Ion Ratio Lower Upper

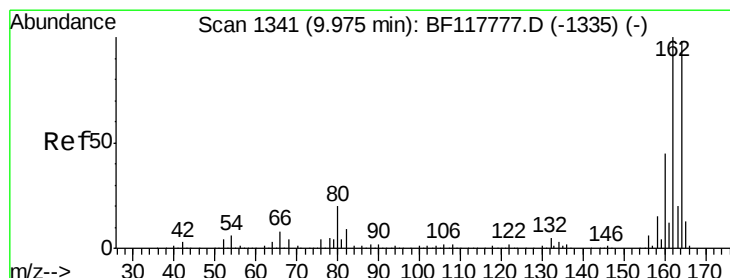
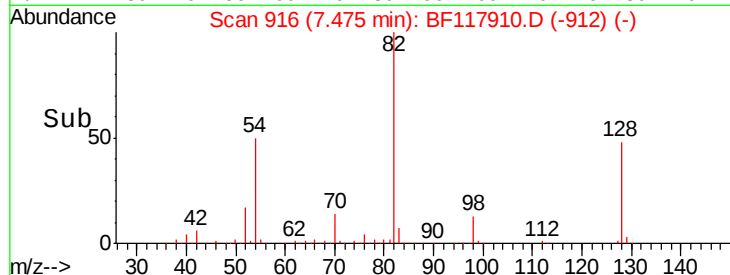
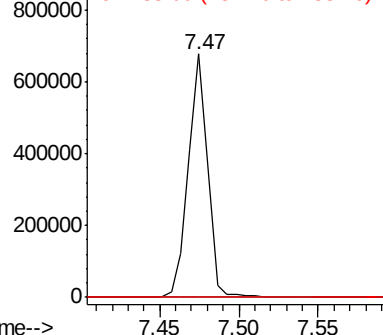
82 100

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: BF117910.D

Acq: 21 Nov 2019 14:19

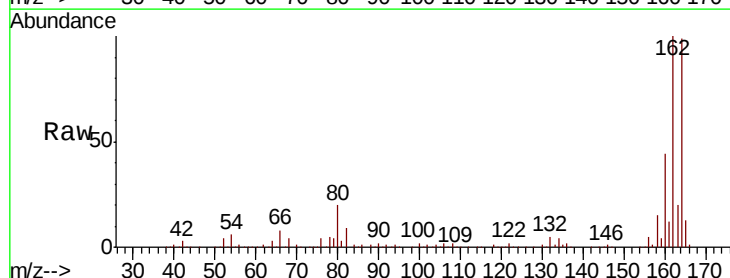
Tgt Ion: 164 Resp: 348075

Ion Ratio Lower Upper

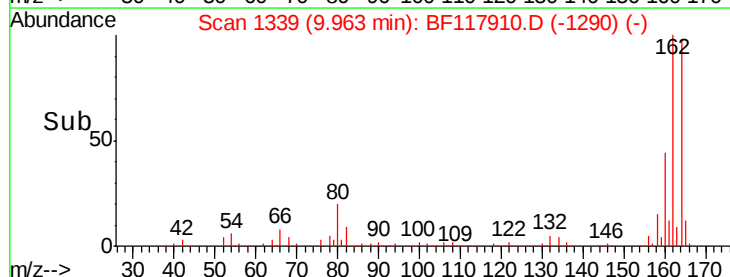
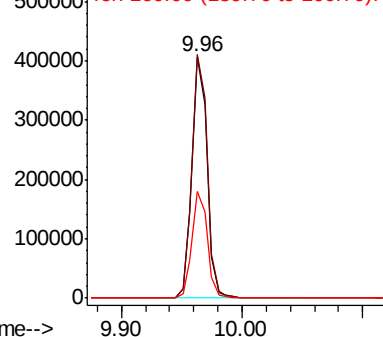
164 100

162 100.8 81.3 121.9

160 44.3 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: 64.465 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117910.D

Acq: 21 Nov 2019 14:19

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE

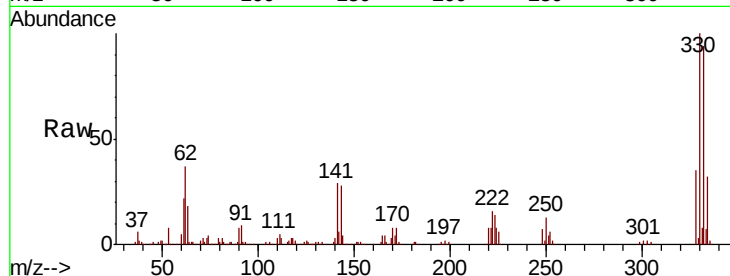
Tot Ion:330 Resp: 237555

Ion Ratio Lower Upper

330 100

332 95.0 76.7 115.1

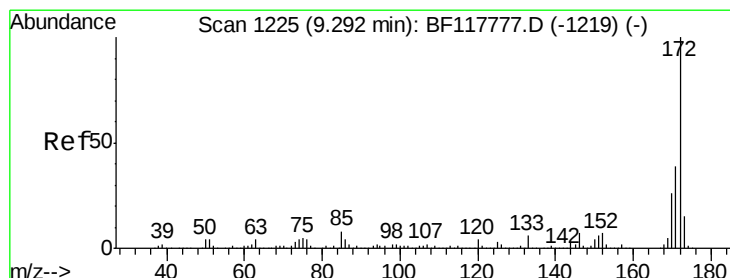
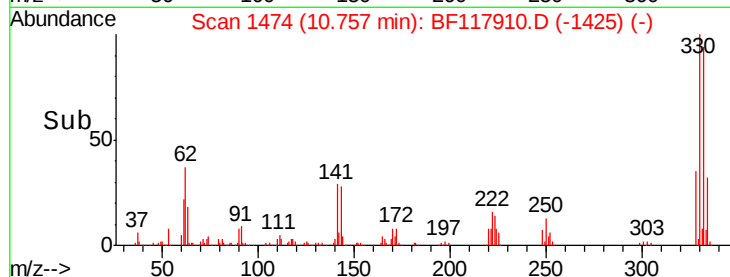
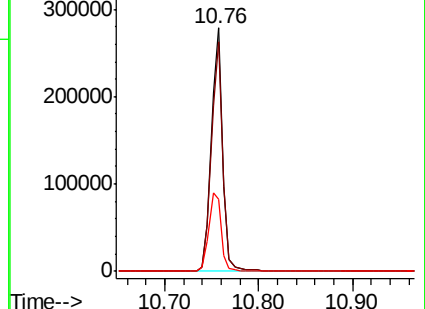
141 35.2 27.7 41.5



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: 60.941 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117910.D

Acq: 21 Nov 2019 14:19

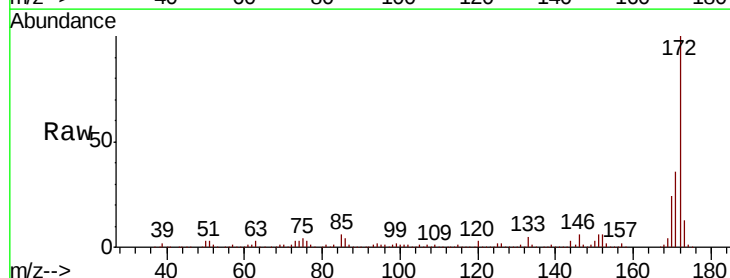
Tgt Ion:172 Resp: 1182374

Ion Ratio Lower Upper

172 100

171 35.9 30.9 46.3

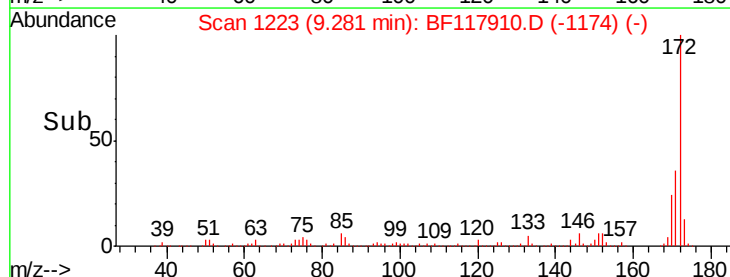
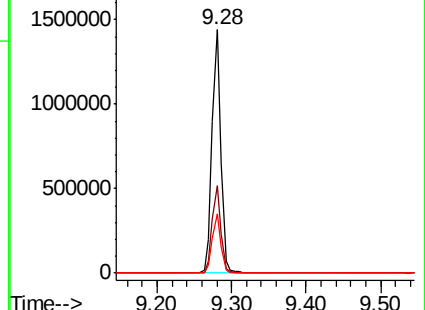
170 24.2 21.0 31.4

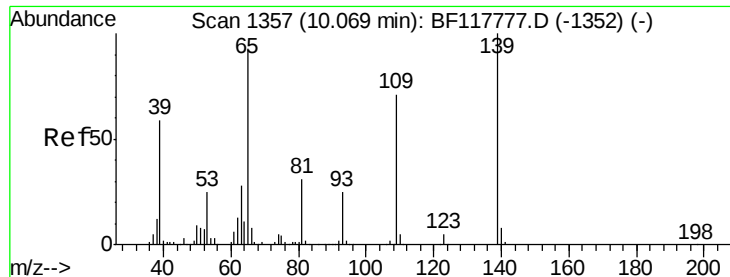


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#56

4-Nitrophenol

Concen: 4.292 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.10 min

Lab File: BF117910.D

Acq: 21 Nov 2019 14:19

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE

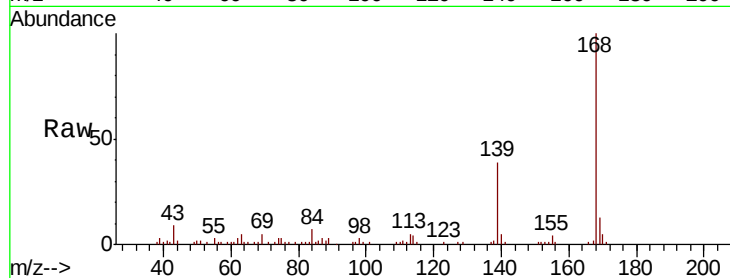
Tot Ion:139 Resp: 20450

Ion Ratio Lower Upper

139 100

109 1.9 50.8 90.8#

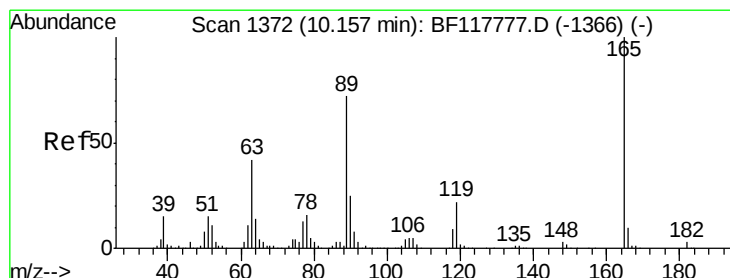
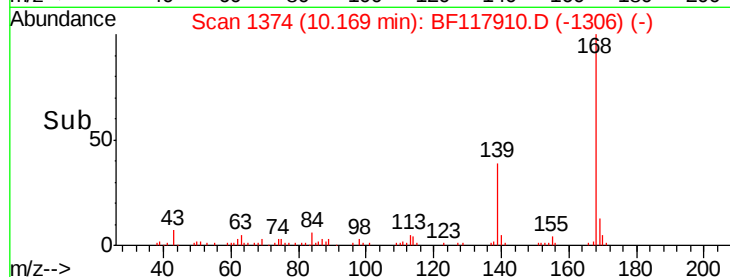
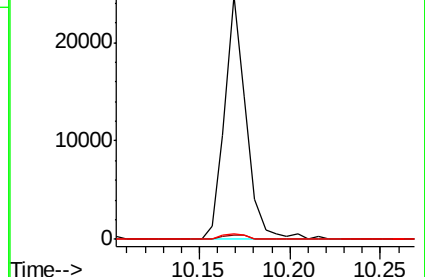
65 2.5 73.6 113.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.781 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.19 min

Lab File: BF117910.D

Acq: 21 Nov 2019 14:19

Tgt Ion:165 Resp: 46013

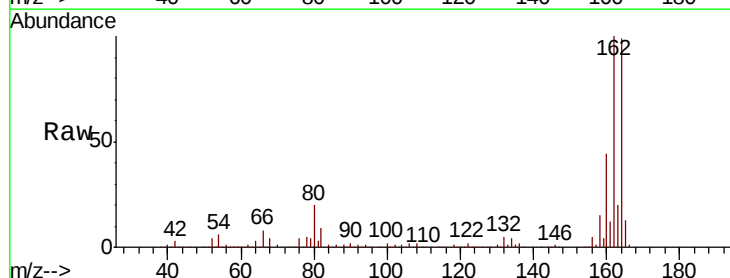
Ion Ratio Lower Upper

165 100

63 1.2 33.7 50.5#

89 1.3 57.3 85.9#

182 0.0 2.3 3.5#

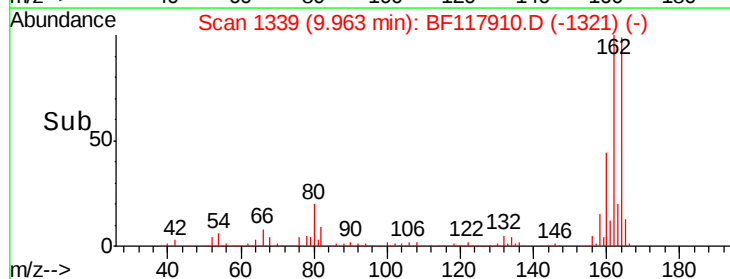
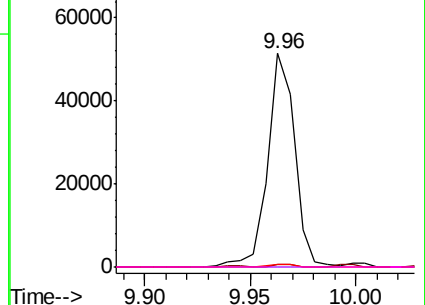


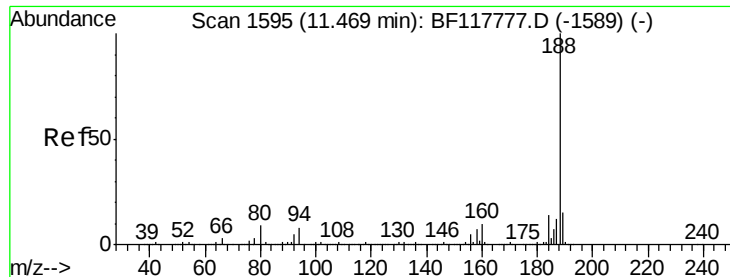
Abundance Ion 165.00 (164.70 to 165.70): E

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

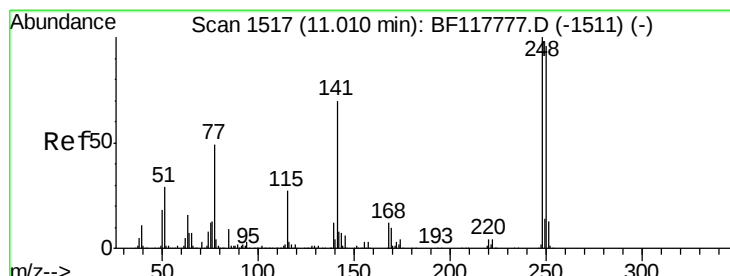
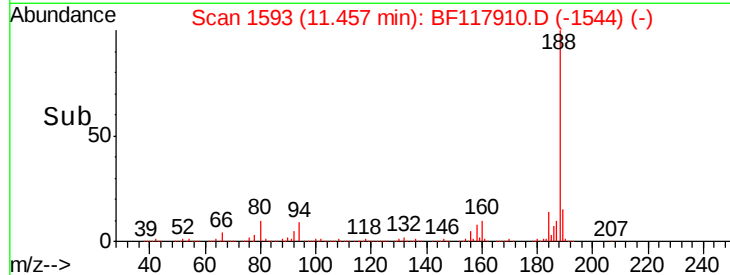
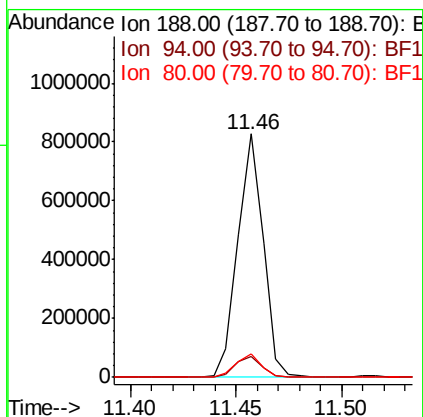
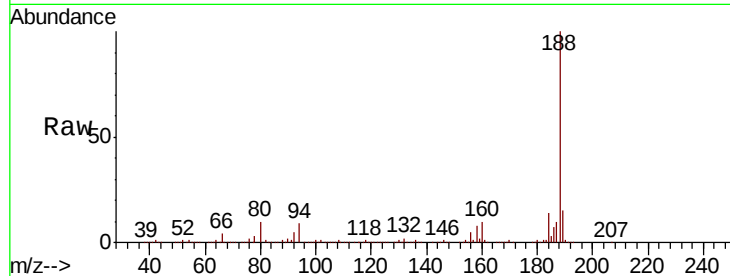




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117910.D
 Acq: 21 Nov 2019 14:19

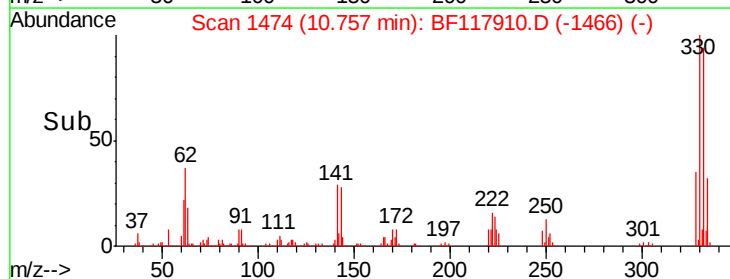
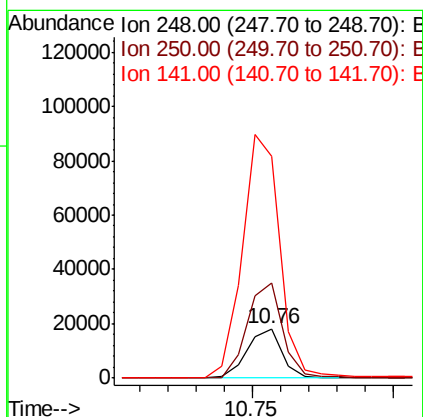
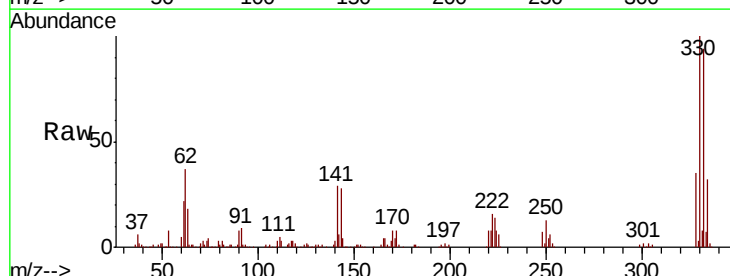
Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE

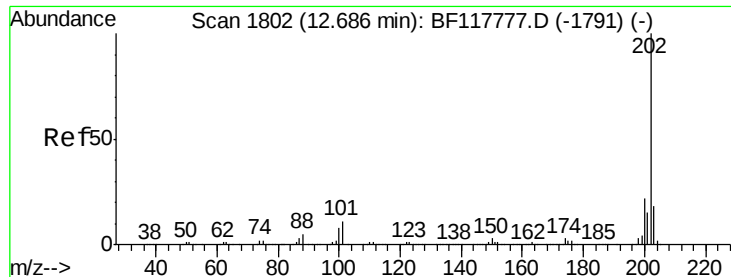
Tot Ion:188 Resp: 688461
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.6 10.0
 80 9.5 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.102 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.25 min
 Lab File: BF117910.D
 Acq: 21 Nov 2019 14:19

Tgt Ion:248 Resp: 15614
 Ion Ratio Lower Upper
 248 100
 250 192.2 76.6 115.0#
 141 448.4 55.9 83.9#





#75

Fluoranthene

Concen: Below Cal

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF117910.D

Acq: 21 Nov 2019 14:19

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE

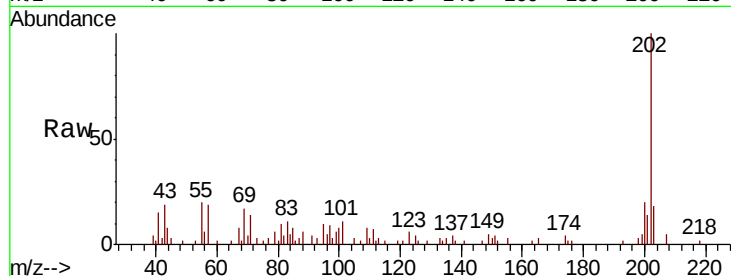
Tot Ion:202 Resp: 14200

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

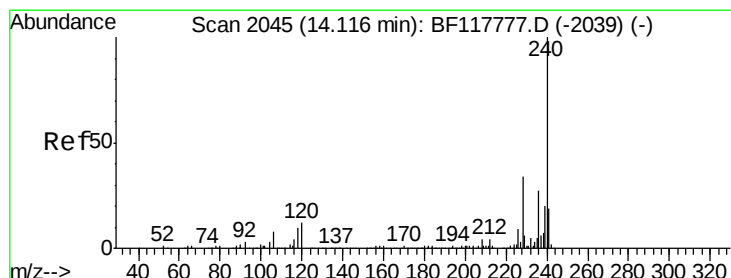
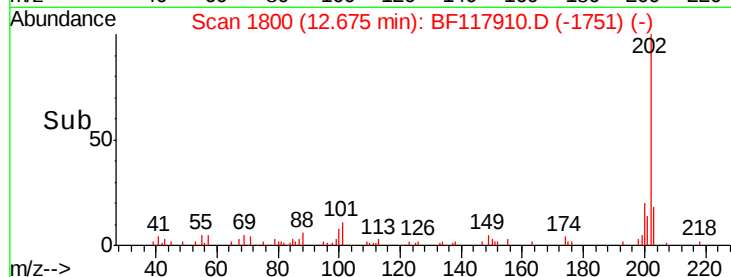
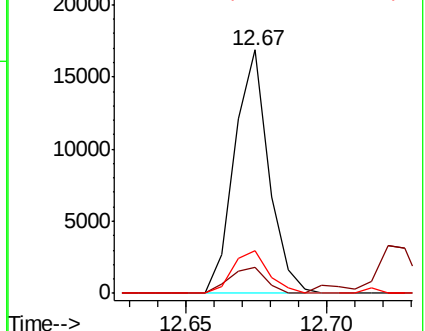
203 17.8 0.0 38.2



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: BF117910.D

Acq: 21 Nov 2019 14:19

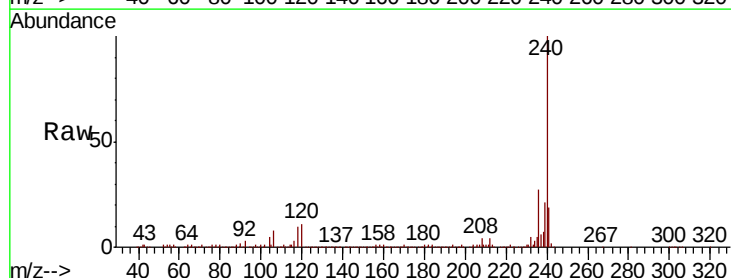
Tgt Ion:240 Resp: 495635

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

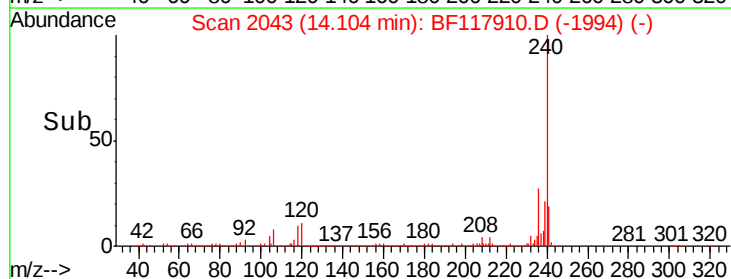
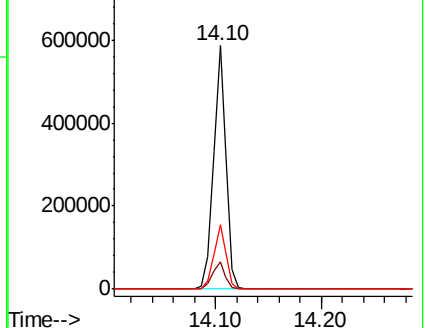
236 26.5 21.3 31.9

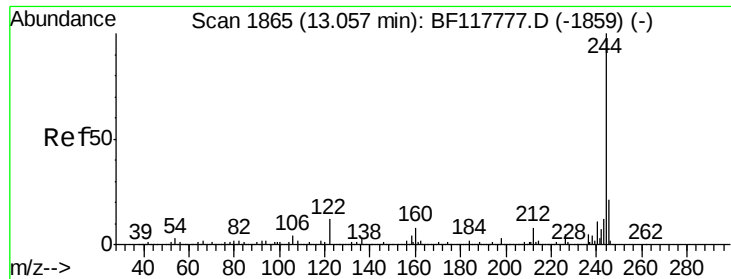


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

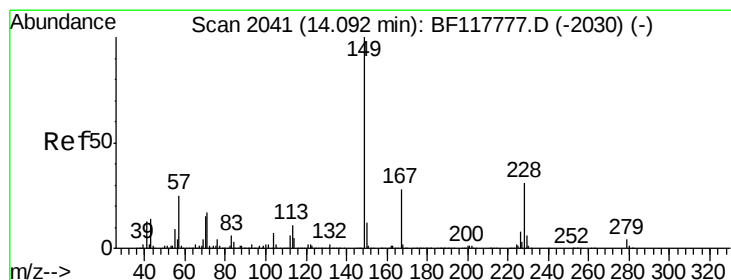
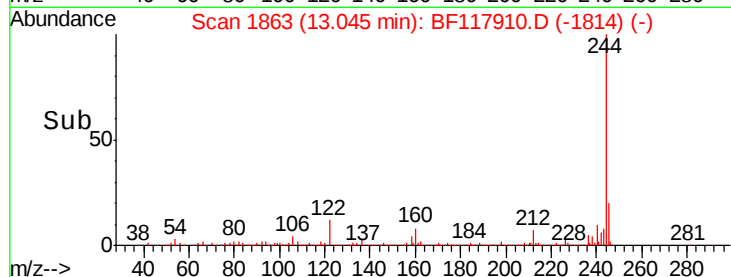
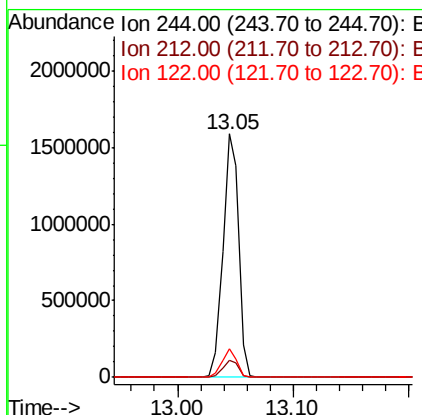
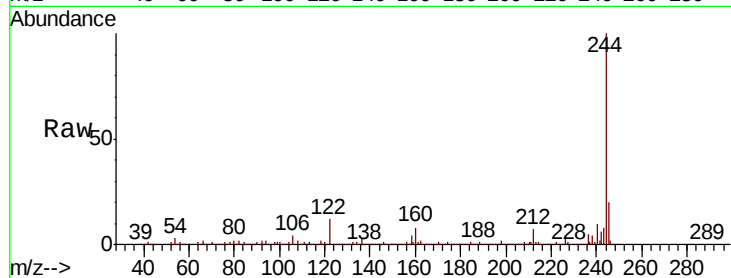




#79
 Terphenyl-d14
 Concen: 54.759 ng
 RT: 13.05 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF117910.D
 Acq: 21 Nov 2019 14:19

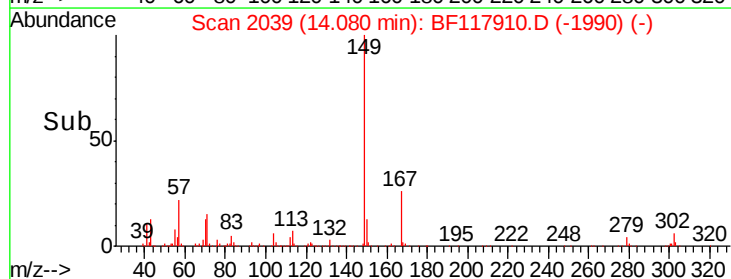
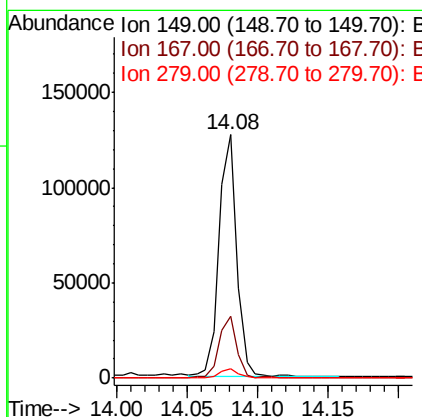
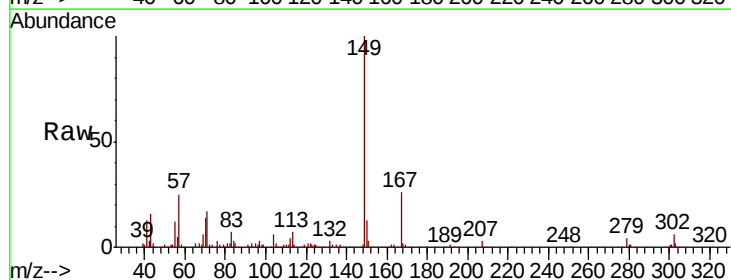
Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE

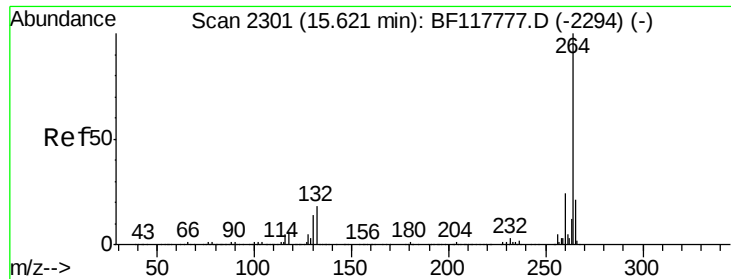
Tot Ion:244 Resp: 1485035
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 11.6 9.4 14.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.385 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF117910.D
 Acq: 21 Nov 2019 14:19

Tgt Ion:149 Resp: 112308
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.2 33.2
 279 3.8 3.4 5.2





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BF117910.D
 Acq: 21 Nov 2019 14:19

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	22.2	17.1	25.7

