

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117990.D
 Acq On : 26 Nov 2019 2:40
 Operator : JU
 Sample : K5840-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:55:25 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

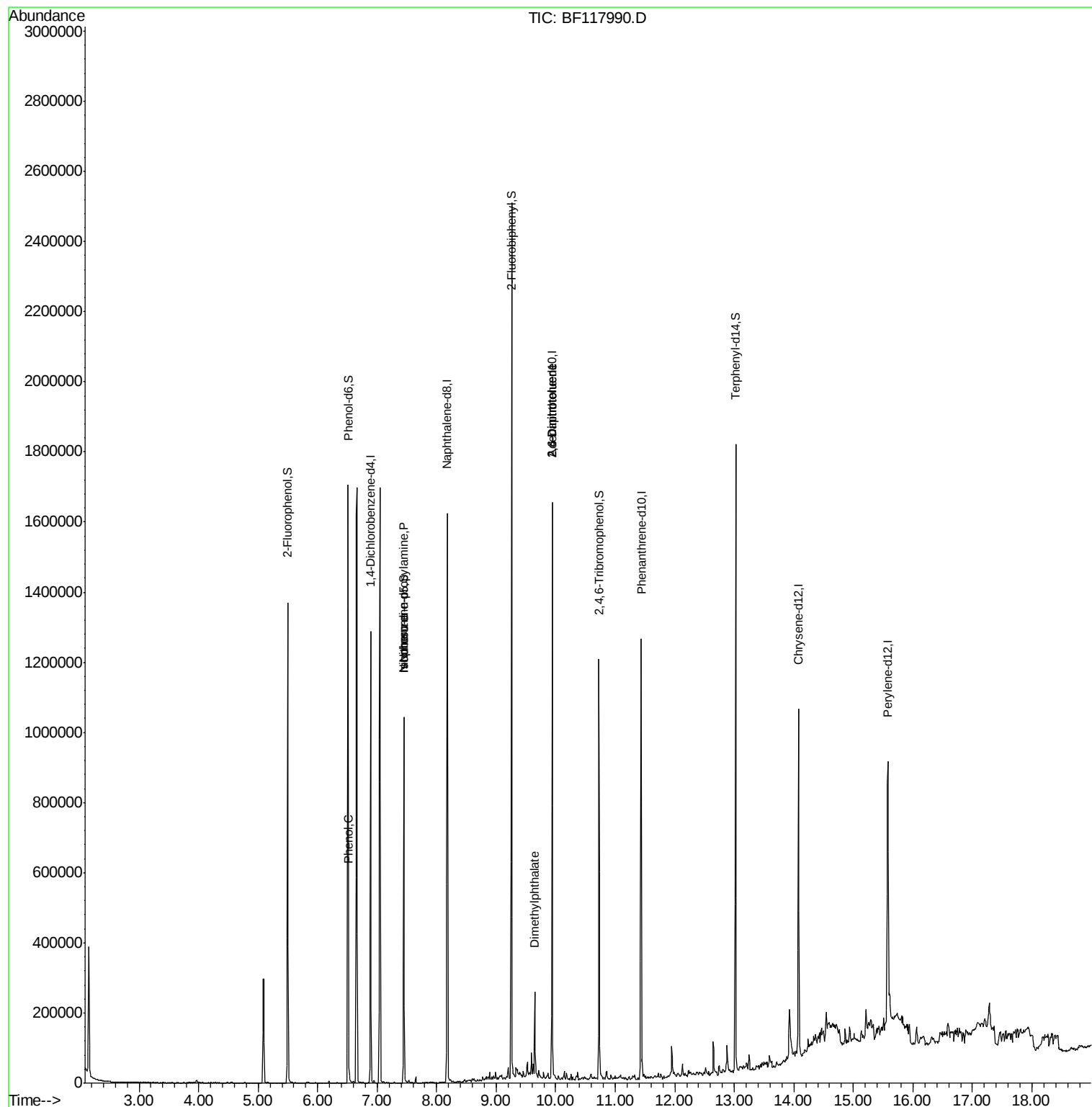
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	188344	20.00	ng	-0.04
21) Naphthalene-d8	8.17	136	698136	20.00	ng	-0.04
39) Acenaphthene-d10	9.94	164	292398	20.00	ng	-0.04
64) Phenanthrene-d10	11.43	188	471072	20.00	ng	-0.04
76) Chrysene-d12	14.08	240	316936	20.00	ng	-0.04
87) Perylene-d12	15.58	264	357688	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	374500	35.20	ng	-0.04
7) Phenol-d6	6.51	99	547758	42.68	ng	-0.04
23) Nitrobenzene-d5	7.45	82	310828	26.47	ng	-0.04
42) 2,4,6-Tribromophenol	10.73	330	129877	41.96	ng	-0.04
45) 2-Fluorobiphenyl	9.26	172	729358	44.75	ng	-0.04
79) Terphenyl-d14	13.02	244	575690	33.20	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.51	77	851	Below Cal	Qvalue	# 1
10) Phenol	6.52	94	27216	2.041 ng		97
19) n-Nitroso-di-n-propylamine	7.45	70	40939	5.171 ng	#	74
25) Isophorone	7.45	82	307685	14.294 ng	#	62
50) Dimethylphthalate	9.65	163	80651	3.933 ng		98
51) 2,6-Dinitrotoluene	9.94	165	38534	8.599 ng	#	24
57) 2,4-Dinitrotoluene	9.94	165	38534	6.760 ng	#	25
75) Fluoranthene	12.65	202	30827	Below Cal		98

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

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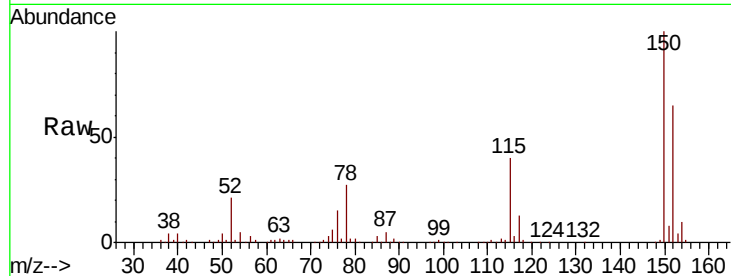


#1

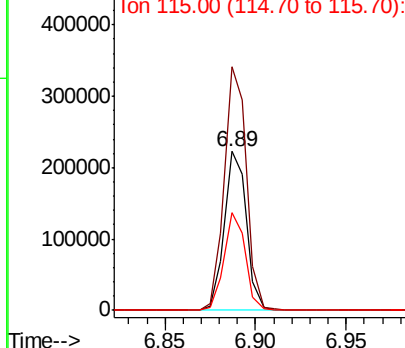
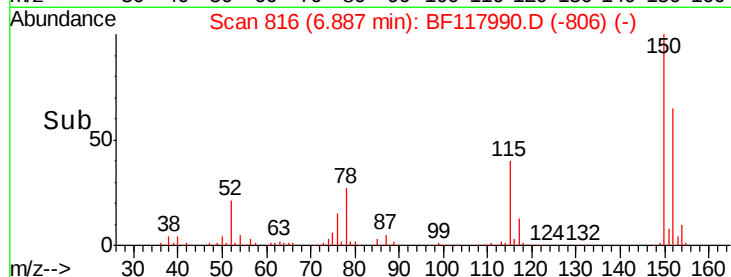
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 188344
Ion Ratio Lower Upper
152 100
150 153.3 125.3 187.9
115 61.4 47.0 70.4



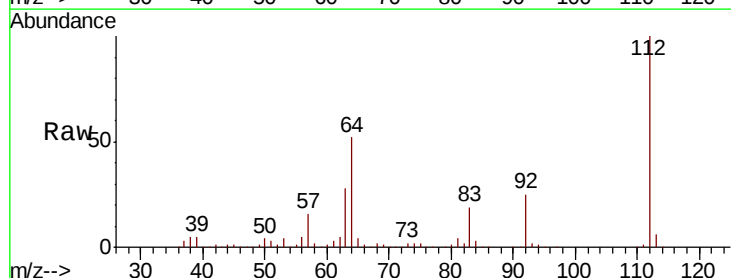
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



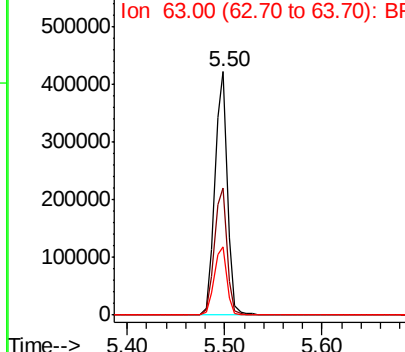
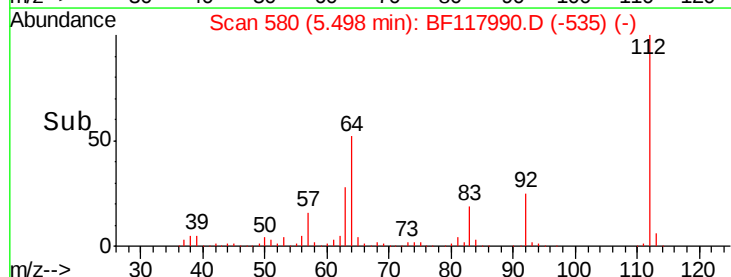
#5

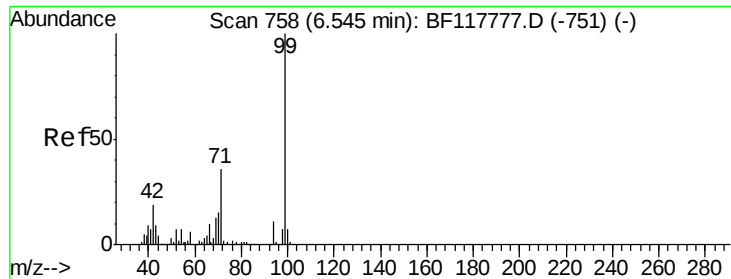
2-Fluorophenol
Concen: 35.196 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Tgt Ion:112 Resp: 374500
Ion Ratio Lower Upper
112 100
64 52.2 45.6 68.4
63 27.9 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: 42.681 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.04 min

Lab File: BF117990.D

Acq: 26 Nov 2019 2:40

Instrument :

BNA_F

ClientSampleId :

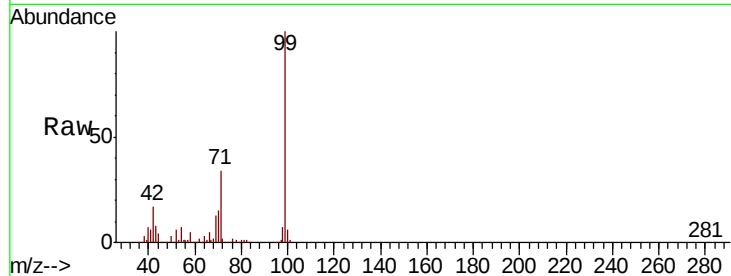
Tot Ion: 99 Resp: 547758

Ion Ratio Lower Upper

99 100

42 16.7 14.9 22.3

71 34.1 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

800000

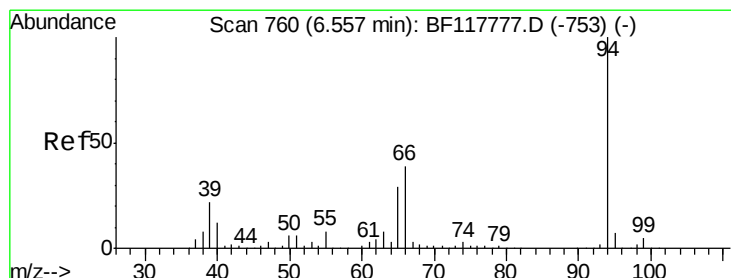
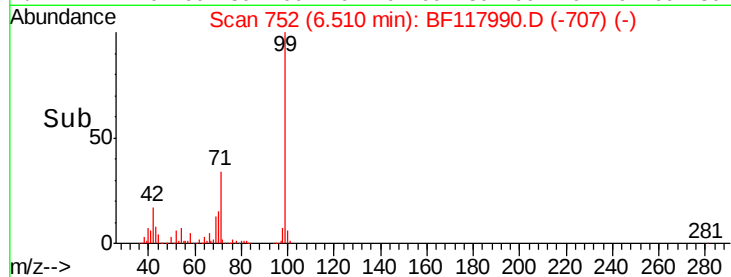
600000

400000

200000

0

Time--> 6.45 6.50 6.55 6.60



#10

Phenol

Concen: 2.041 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.04 min

Lab File: BF117990.D

Acq: 26 Nov 2019 2:40

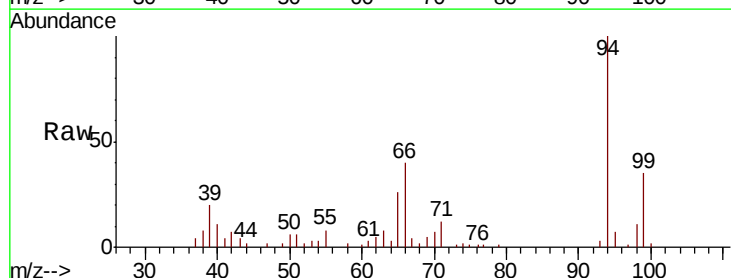
Tgt Ion: 94 Resp: 27216

Ion Ratio Lower Upper

94 100

65 26.3 8.9 48.9

66 39.7 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

40000

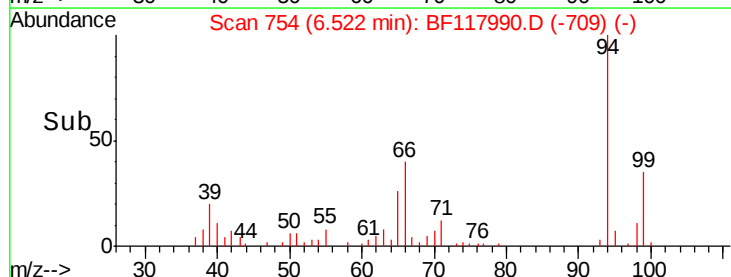
30000

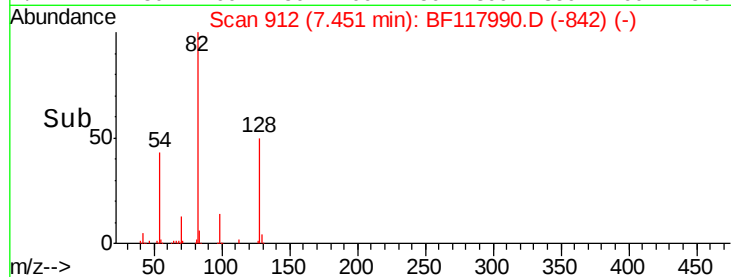
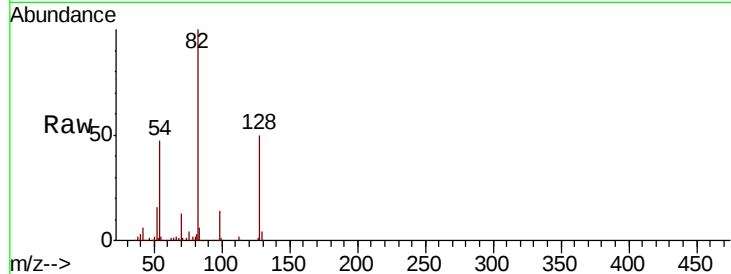
20000

10000

0

Time--> 6.50 6.55 6.60

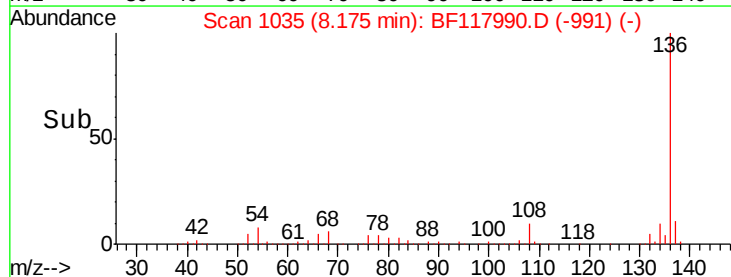
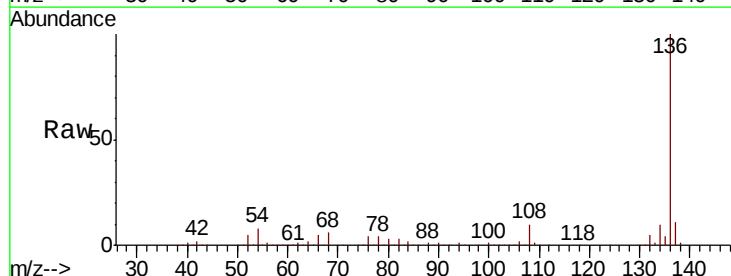
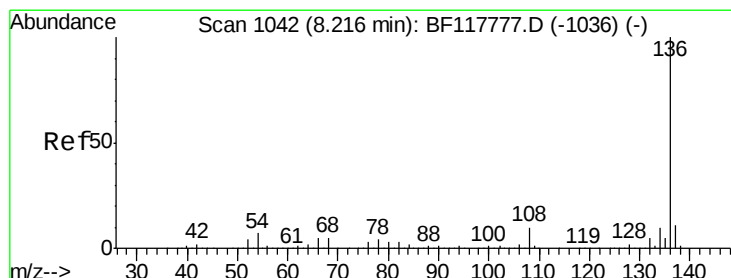
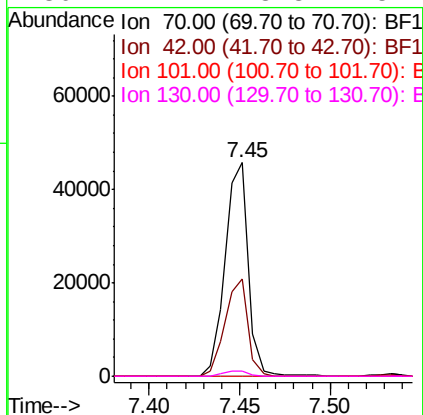




#19
n-Nitroso-di-n-propylamine
Concen: 5.171 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.11 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

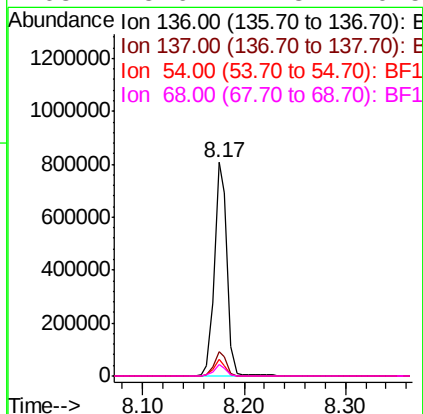
Instrument :
BNA_F
ClientSampleId :

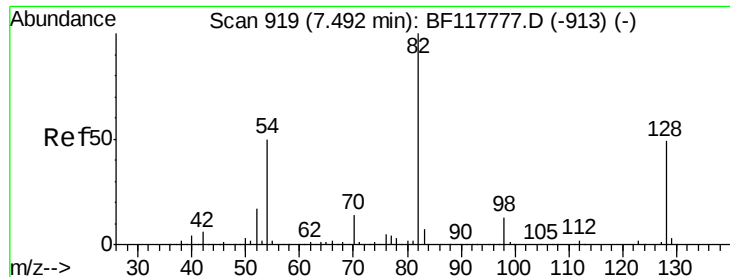
Tot Ion:	70	Resp:	40939
Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.4	71.2#
101	0.0	8.4	12.6#
130	2.1	18.8	28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Tgt Ion:	136	Resp:	698136
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.5	5.4	8.2
68	5.6	4.3	6.5

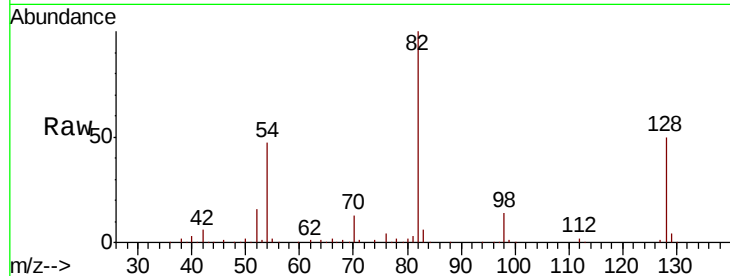




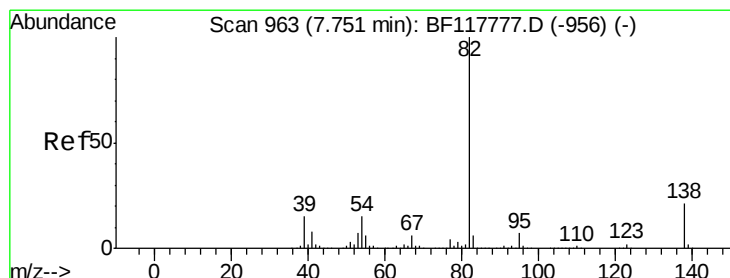
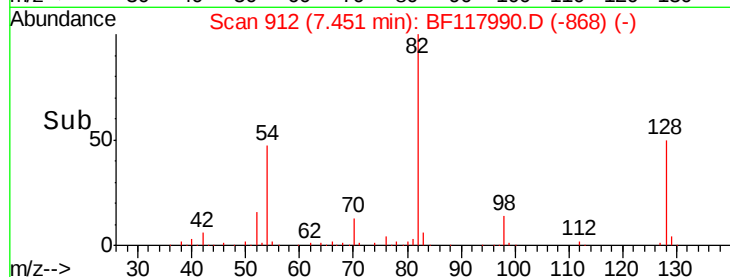
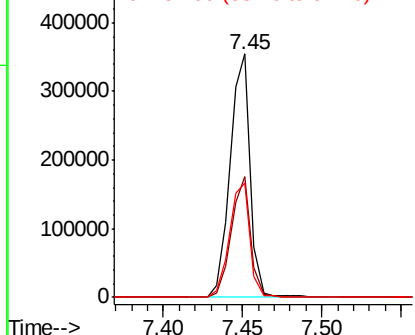
#23
Nitrobenzene-d5
Concen: 26.467 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	310828
Ion Ratio	Lower	Upper	
82	100		
128	49.5	38.9	58.3
54	47.0	39.8	59.6

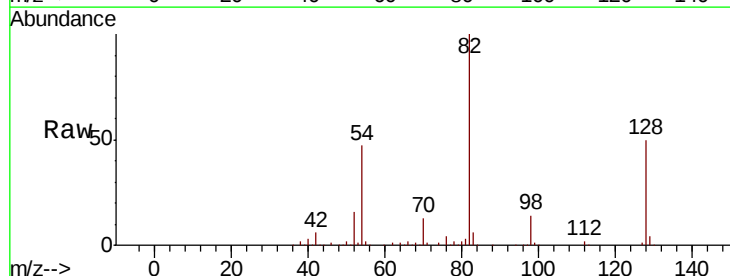


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

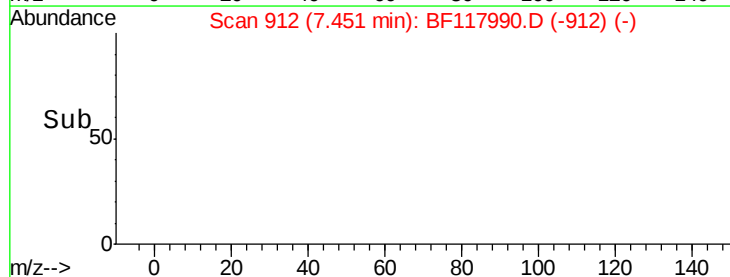
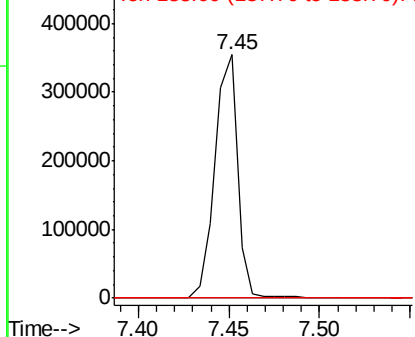


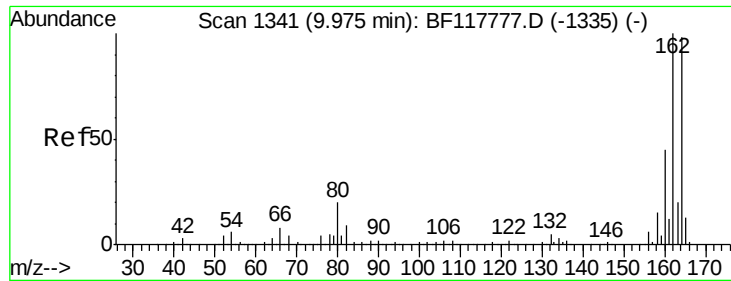
#25
Isophorone
Concen: 14.294 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.30 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Tgt Ion	82	Resp	307685
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

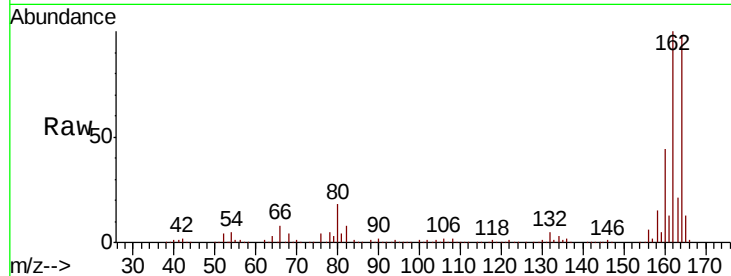




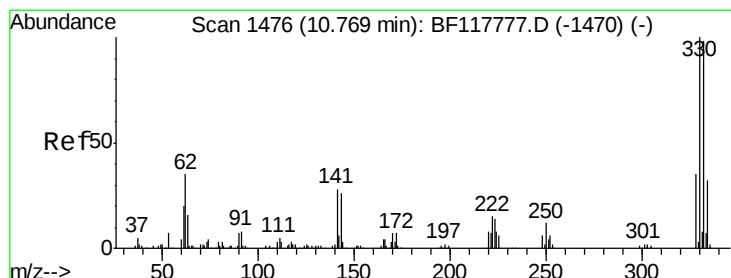
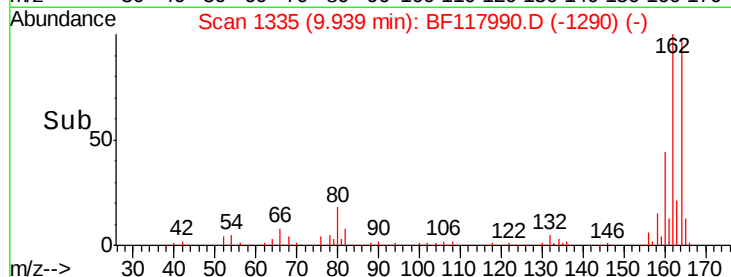
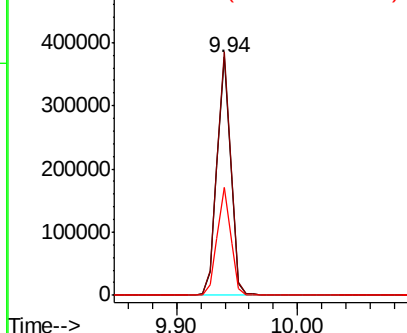
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 292398
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.2 36.6 55.0

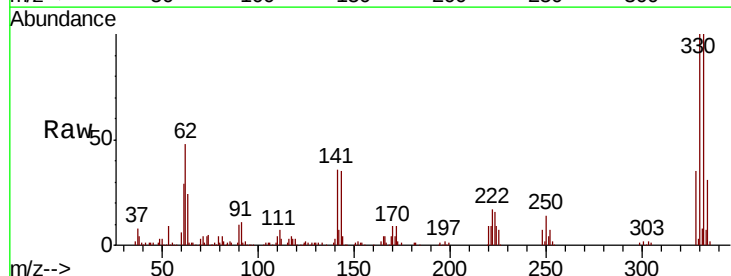


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

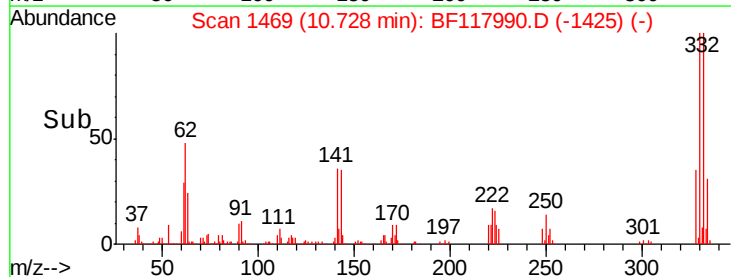
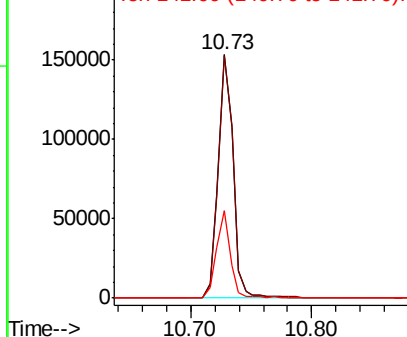


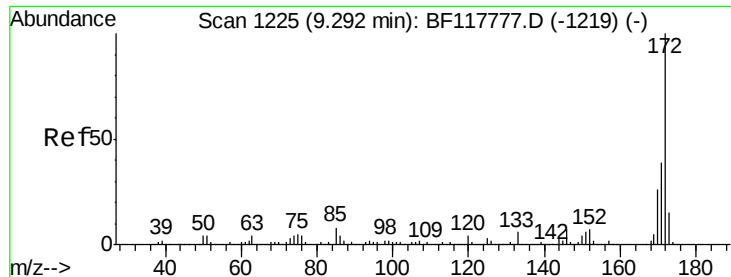
#42
2,4,6-Tribromophenol
Concen: 41.956 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Tgt Ion:330 Resp: 129877
Ion Ratio Lower Upper
330 100
332 99.1 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

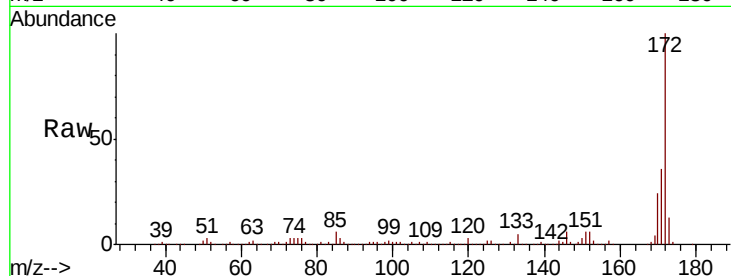




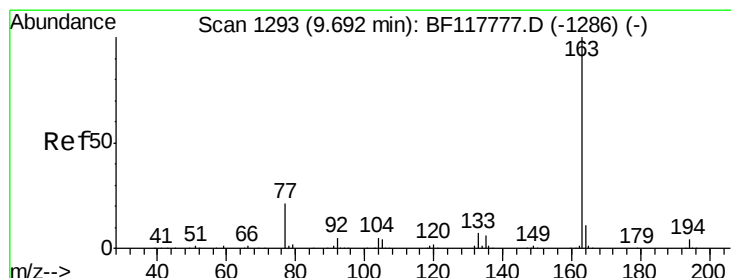
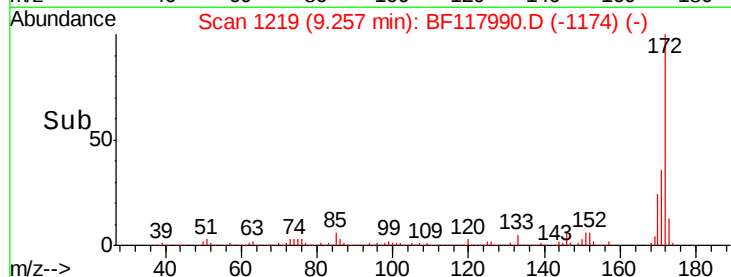
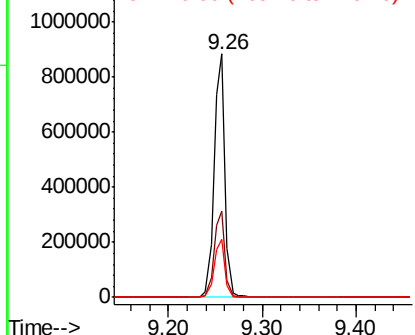
#45
2-Fluorobiphenyl
Concen: 44.750 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 729358
Ion Ratio Lower Upper
172 100
171 35.5 30.9 46.3
170 24.0 21.0 31.4

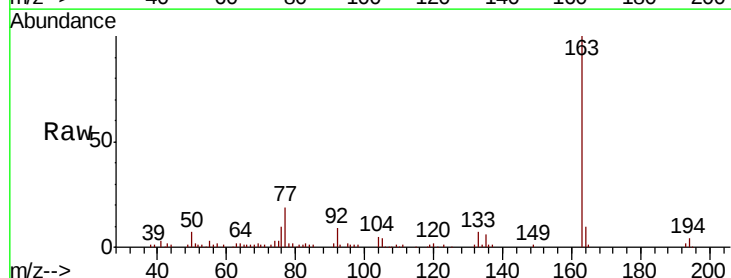


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

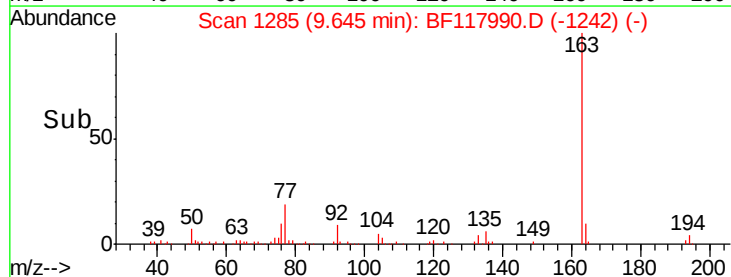
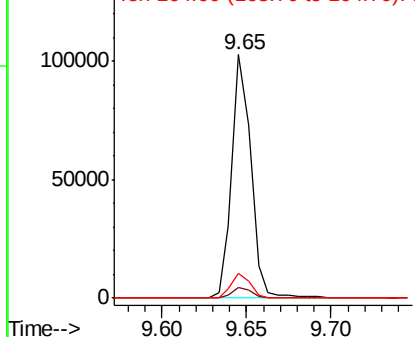


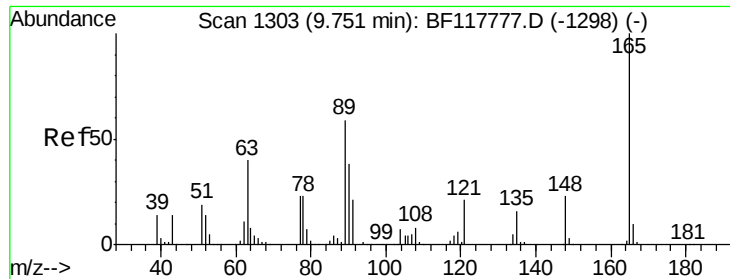
#50
Dimethylphthalate
Concen: 3.933 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Tgt Ion:163 Resp: 80651
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 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: 8.599 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.19 min

Lab File: BF117990.D

Acq: 26 Nov 2019 2:40

Instrument :

BNA_F

ClientSampleId :

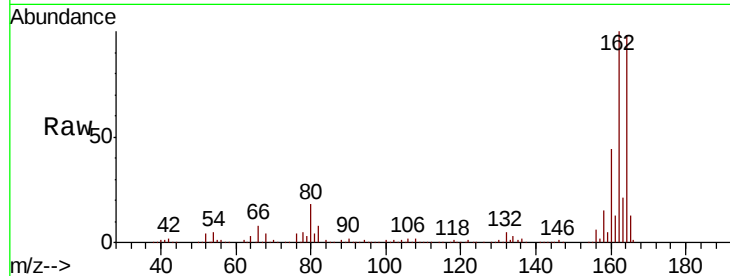
Tot Ion:165 Resp: 38534

Ion Ratio Lower Upper

165 100

63 1.7 46.0 69.0#

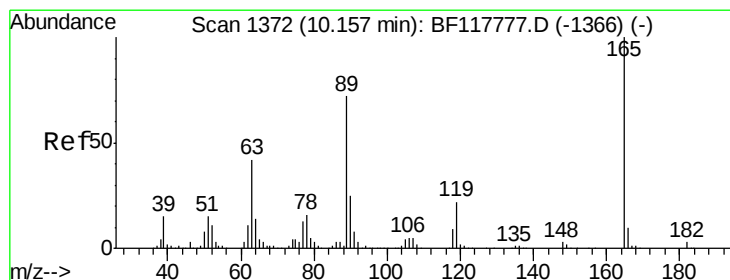
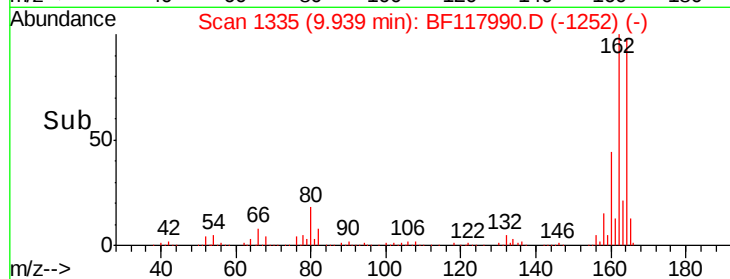
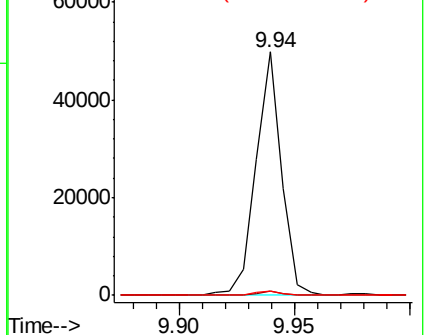
89 1.6 47.7 71.5#



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: 6.760 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.22 min

Lab File: BF117990.D

Acq: 26 Nov 2019 2:40

Tgt Ion:165 Resp: 38534

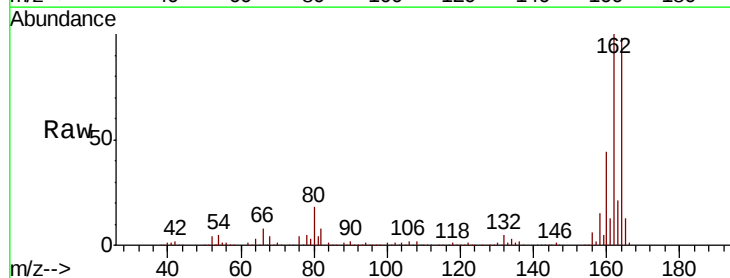
Ion Ratio Lower Upper

165 100

63 1.7 33.7 50.5#

89 1.6 57.3 85.9#

182 0.0 2.3 3.5#

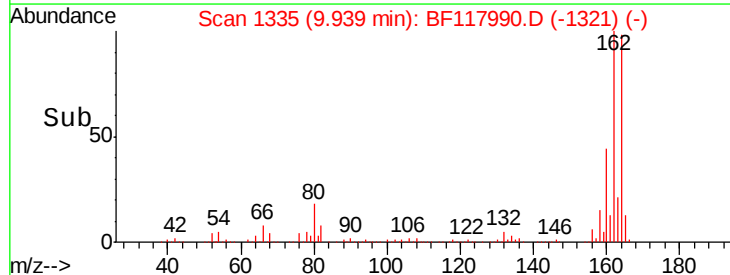
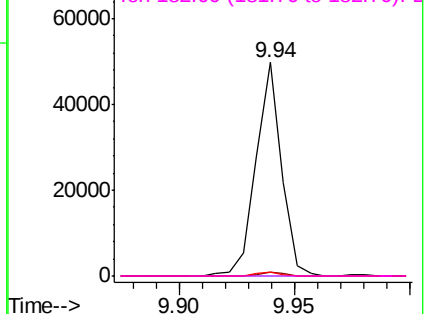


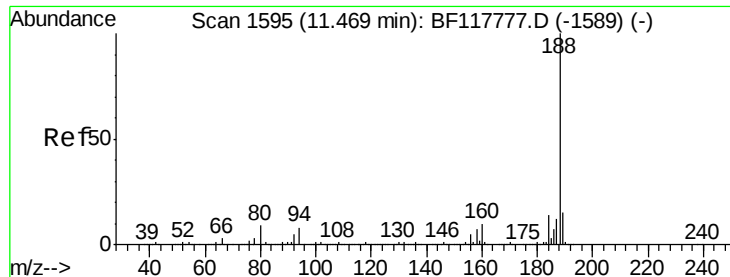
Abundance Ion 165.00 (164.70 to 165.70): E

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

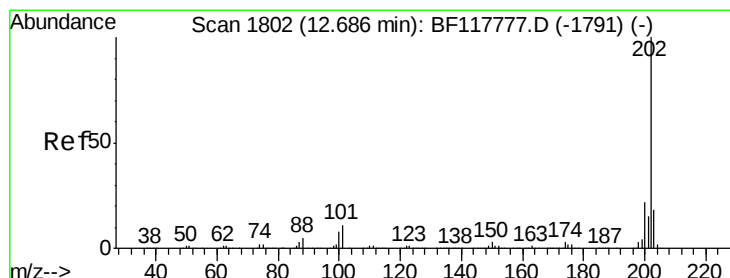
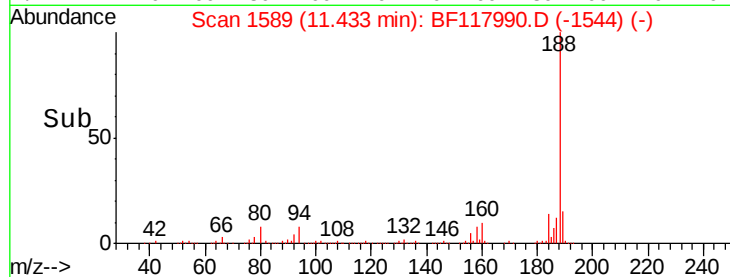
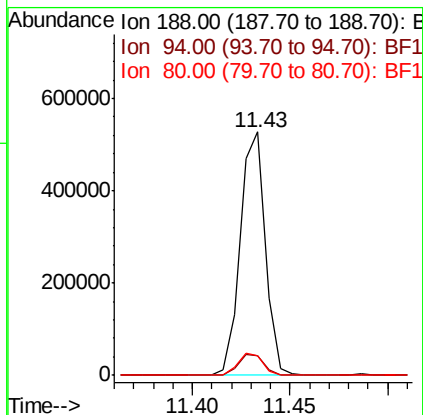
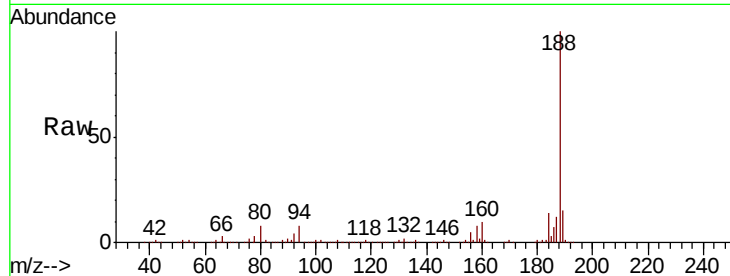




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

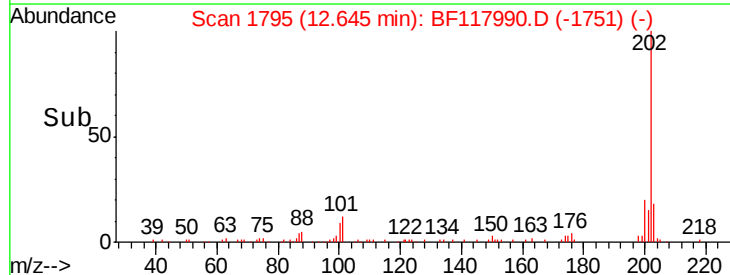
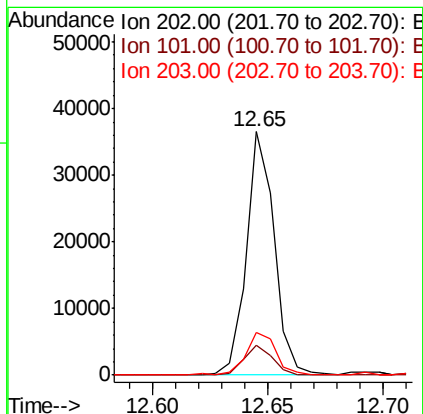
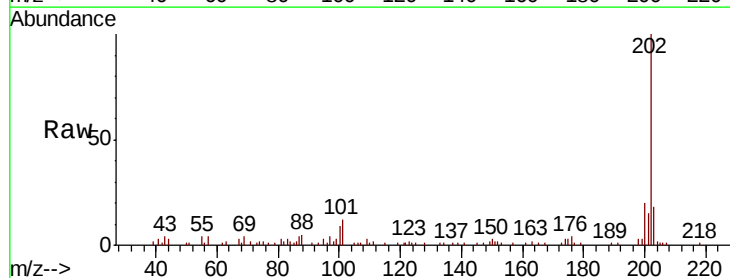
Instrument :
BNA_F
ClientSampleId :

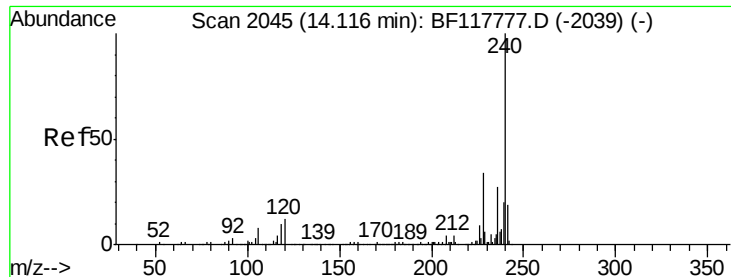
Tot Ion:188 Resp: 471072
Ion Ratio Lower Upper
188 100
94 7.9 6.6 10.0
80 7.9 7.2 10.8



#75
Fluoranthene
Concen: Below Cal
RT: 12.65 min Scan# 1795
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Tgt Ion:202 Resp: 30827
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.1
203 17.7 0.0 38.2

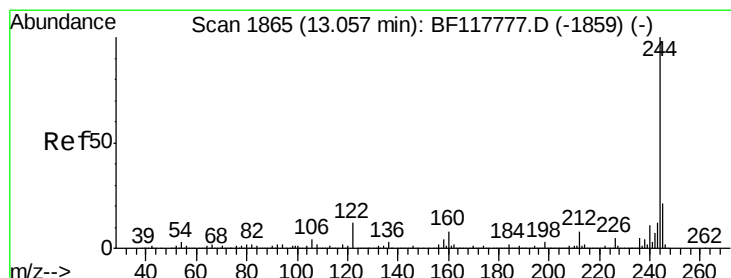
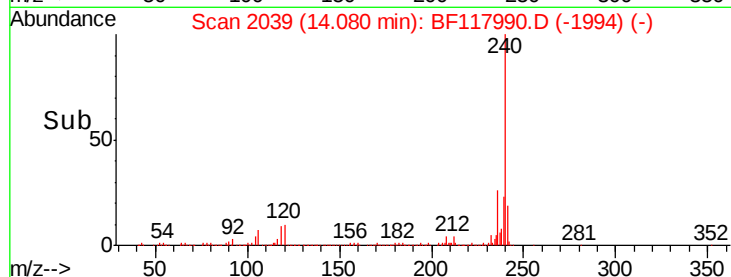
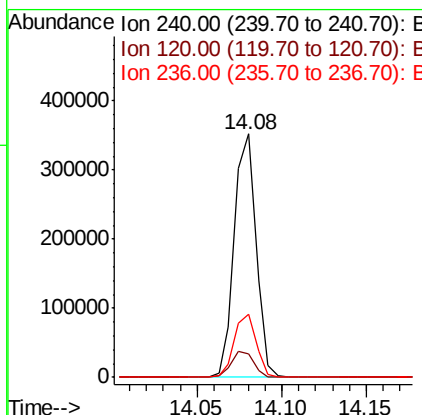
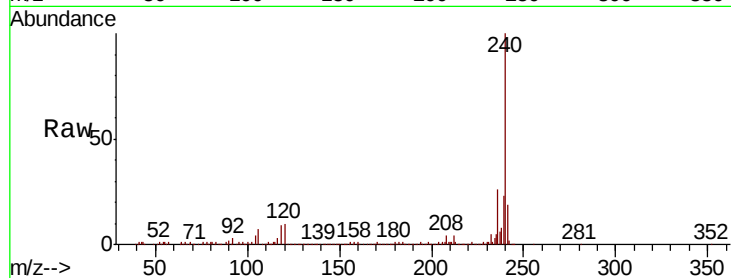




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.04 min
 Lab File: BF117990.D
 Acq: 26 Nov 2019 2:40

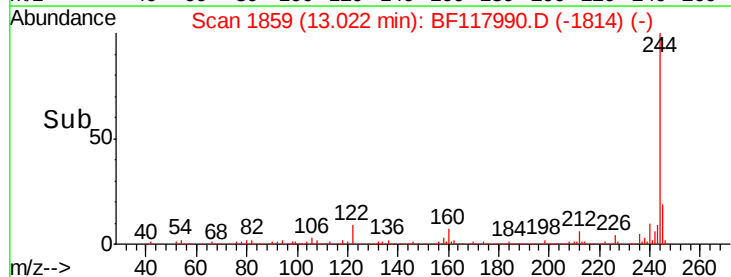
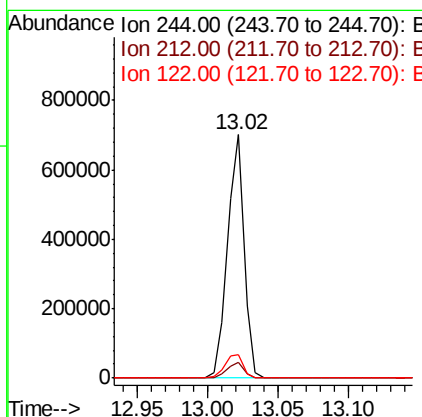
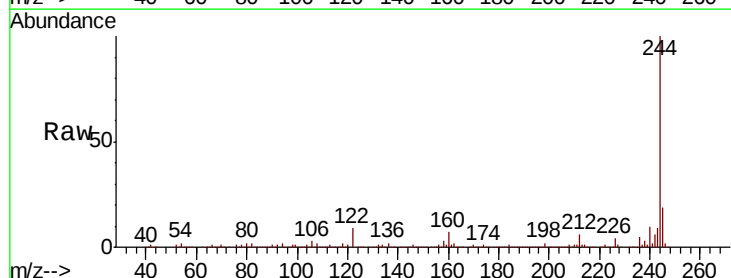
Instrument :
 BNA_F
 ClientSampleId :

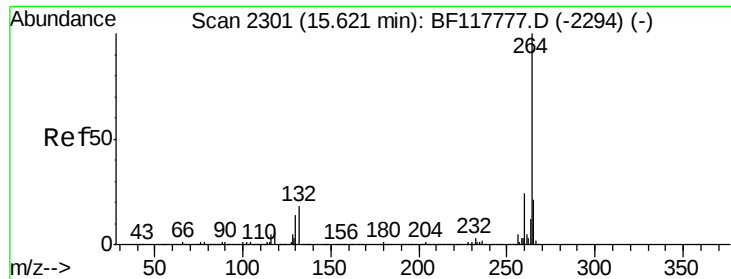
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.9	21.3	31.9



#79
 Terphenyl-d14
 Concen: 33.197 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.04 min
 Lab File: BF117990.D
 Acq: 26 Nov 2019 2:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.3	9.5
122	9.4	9.4	14.2#

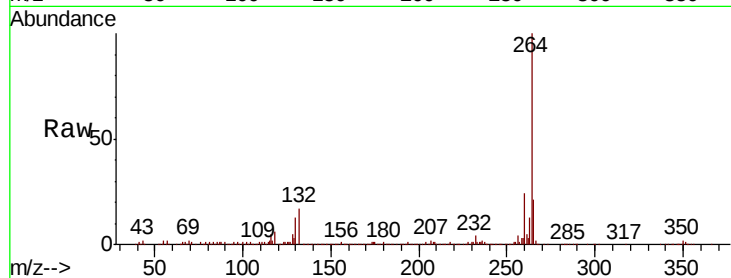




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.04 min
Lab File: BF117990.D
Acq: 26 Nov 2019 2:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.0	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

