

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114989.D
 Acq On : 13 Jun 2019 8:39
 Operator : HP/JU
 Sample : K303-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B13

Quant Time: Jun 13 17:31:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

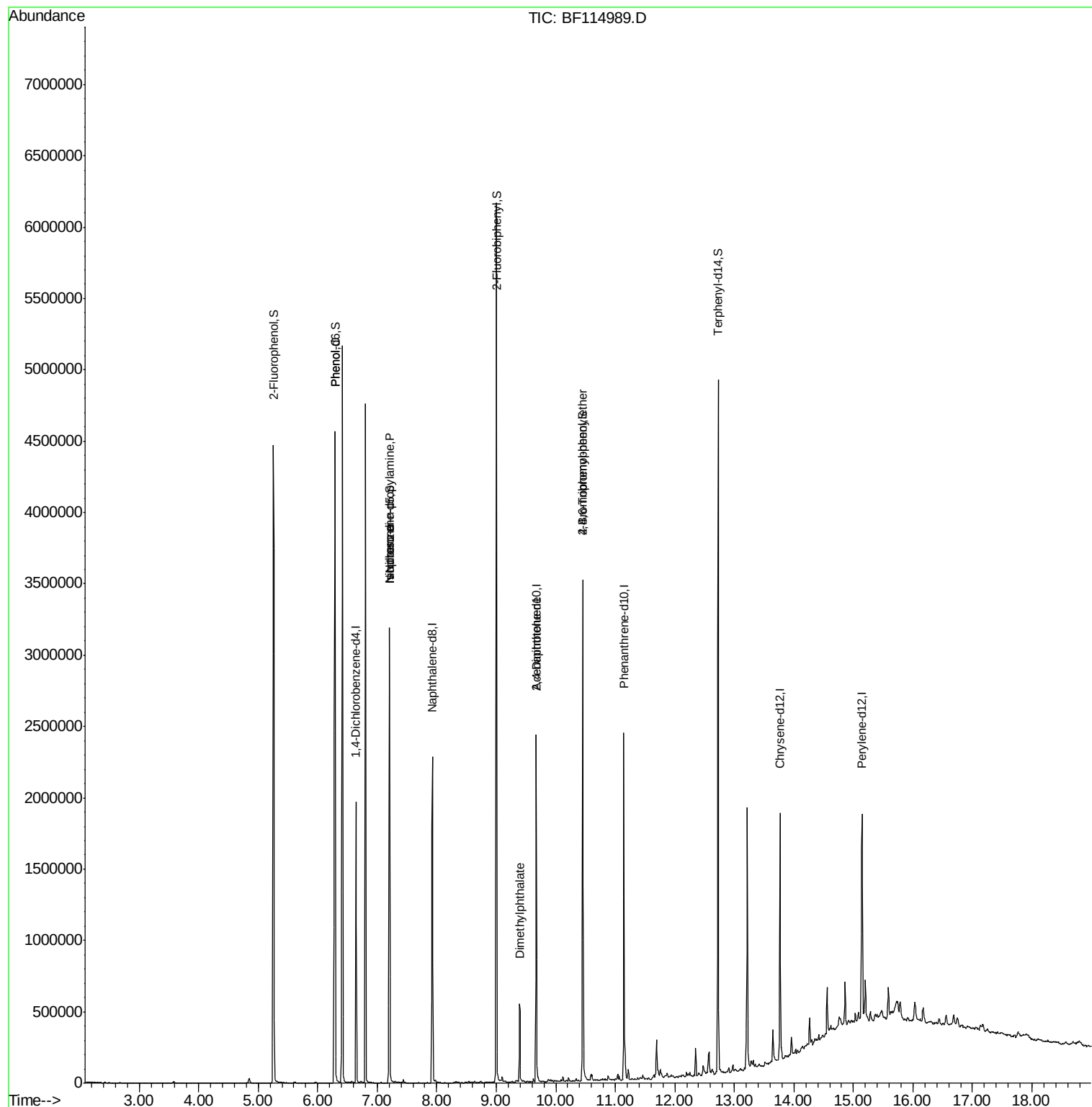
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	277435	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1056837	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	495720	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	852392	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	550584	20.00	ng	-0.01
87) Perylene-d12	15.14	264	638074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1495763	90.02	ng	0.00
7) Phenol-d6	6.29	99	1799158	89.77	ng	0.00
23) Nitrobenzene-d5	7.21	82	1110309	63.24	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	438542	82.61	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	1990231	68.04	ng	0.00
79) Terphenyl-d14	12.73	244	1635791	55.88	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.29	77	3054	Below Cal	Qvalue	# 1
10) Phenol	6.30	94	45026	2.008 ng		93
19) n-Nitroso-di-n-propylamine	7.21	70	145843	11.977 ng	#	76
25) Isophorone	7.21	82	1091034	33.178 ng	#	62
50) Dimethylphthalate	9.40	163	239712	6.430 ng		98
57) 2,4-Dinitrotoluene	9.67	165	64665	6.008 ng	#	29
58) Fluorene	10.22	166	6058	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.46	248	28400	3.103 ng	#	1

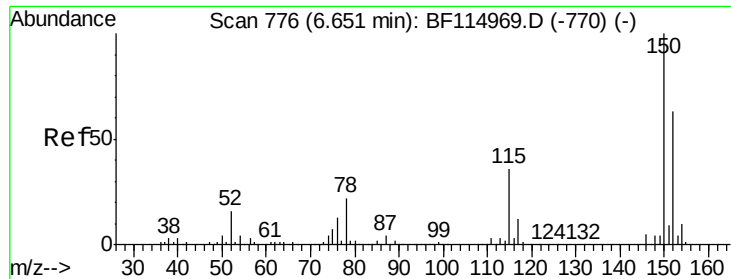
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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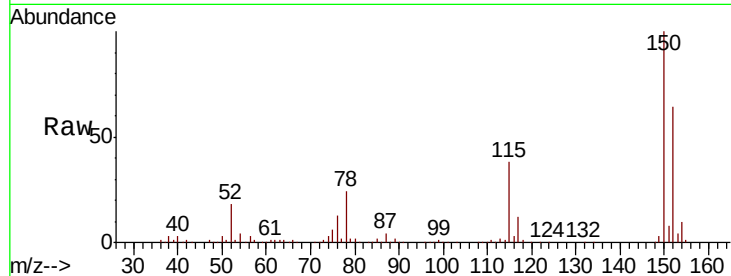


#1

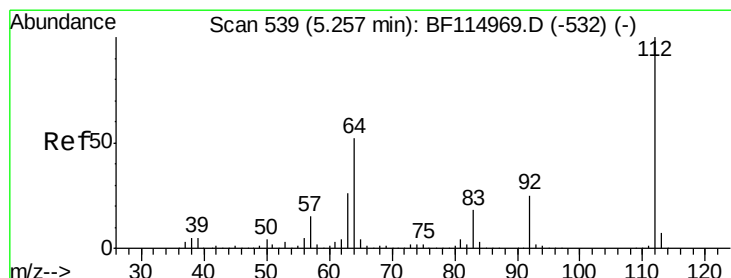
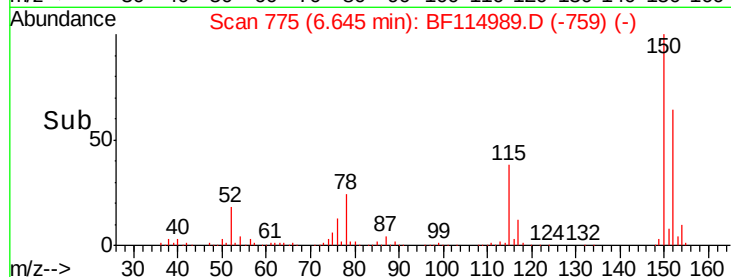
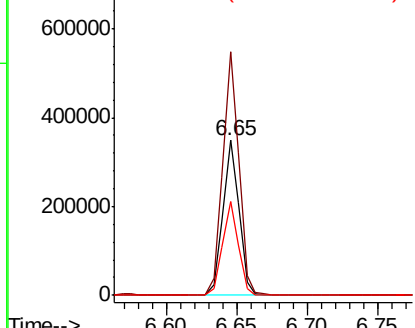
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
BAT-B13

Tot Ion:152 Resp: 277435
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.0
115 60.5 46.0 69.0



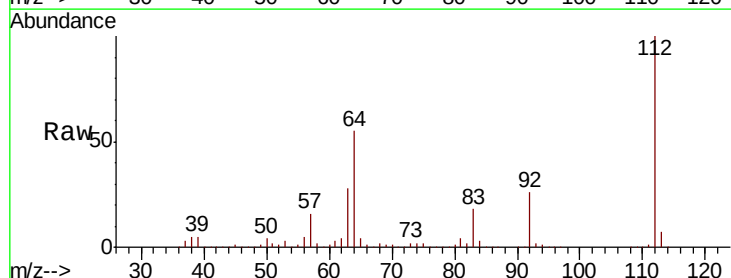
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



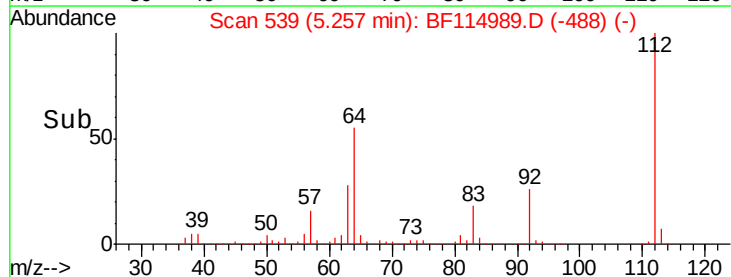
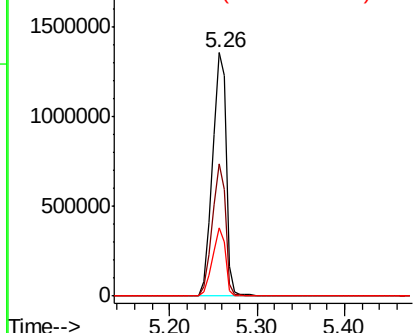
#5

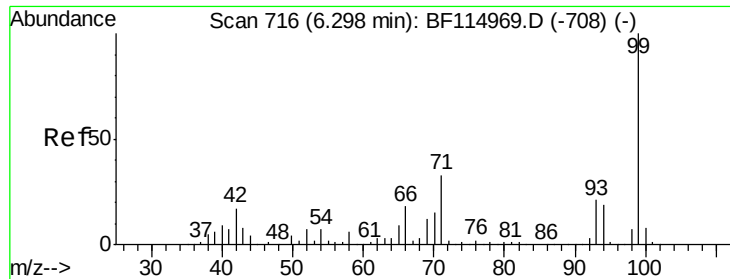
2-Fluorophenol
Concen: 90.025 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Tgt Ion:112 Resp: 1495763
Ion Ratio Lower Upper
112 100
64 54.5 41.6 62.4
63 28.0 20.9 31.3



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: 89.768 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114989.D

Acq: 13 Jun 2019 8:39

Instrument :

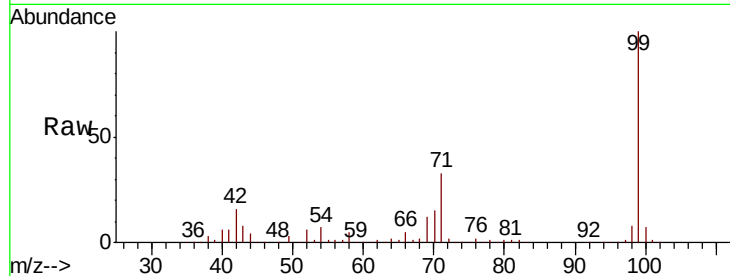
BNA_F

ClientSampleId :

BAT-B13

Tot Ion: 99 Resp: 1799158

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.4	20.2
71	33.1	26.4	39.6

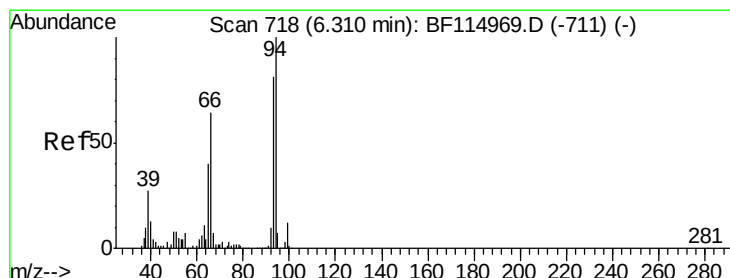
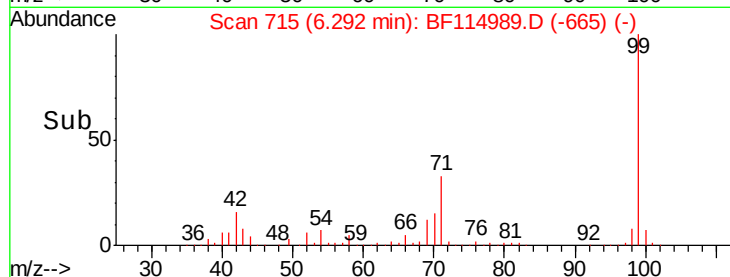
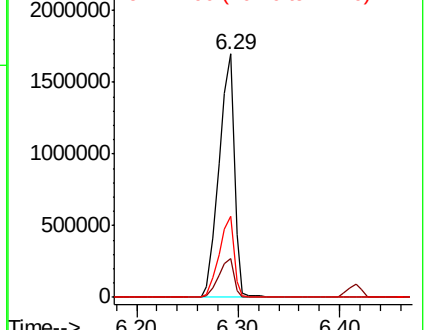


Abundance

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: 2.008 ng

RT: 6.30 min Scan# 716

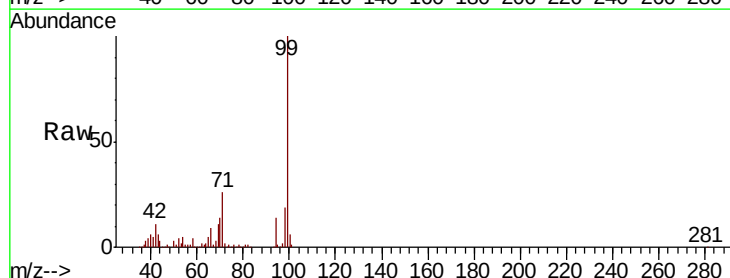
Delta R.T. -0.01 min

Lab File: BF114989.D

Acq: 13 Jun 2019 8:39

Tgt Ion: 94 Resp: 45026

Ion	Ratio	Lower	Upper
94	100		
65	33.1	20.0	60.0
66	60.7	44.1	84.1

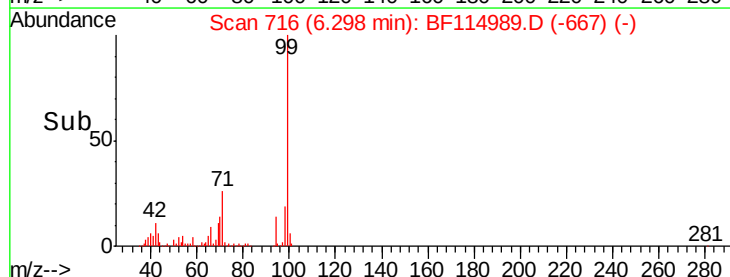
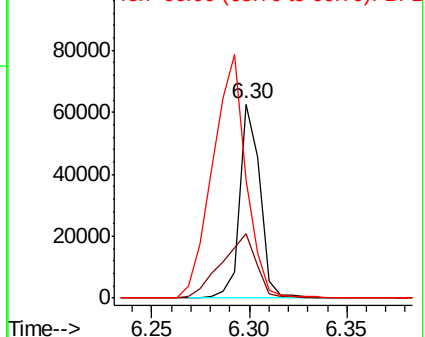


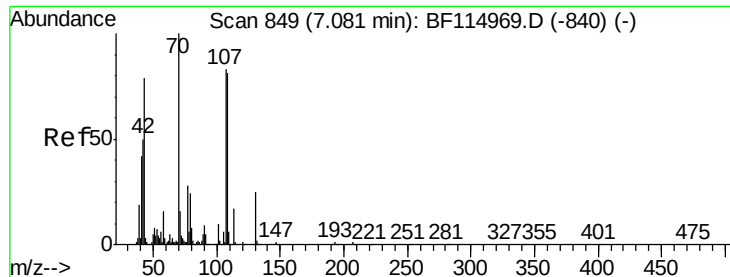
Abundance

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

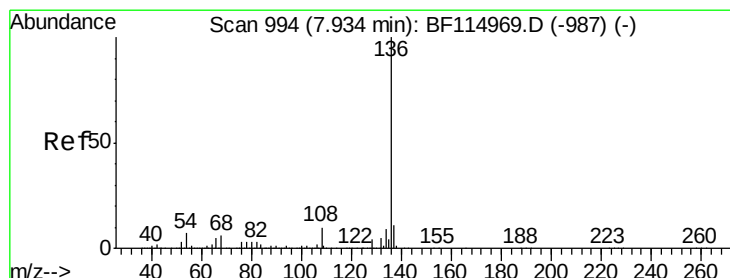
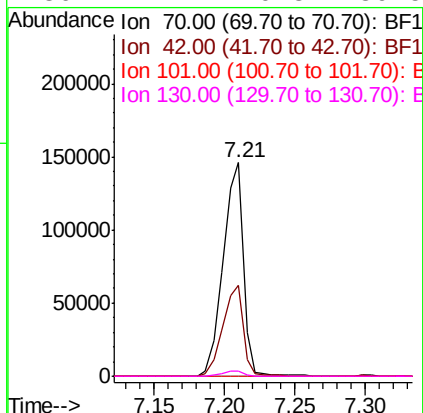
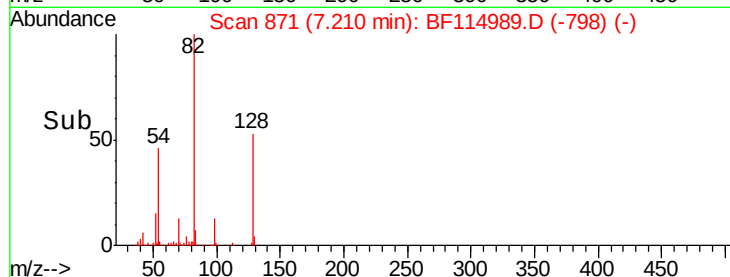
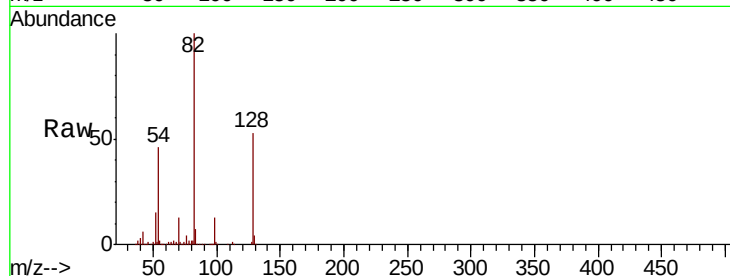




#19
n-Nitroso-di-n-propylamine
Concen: 11.977 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

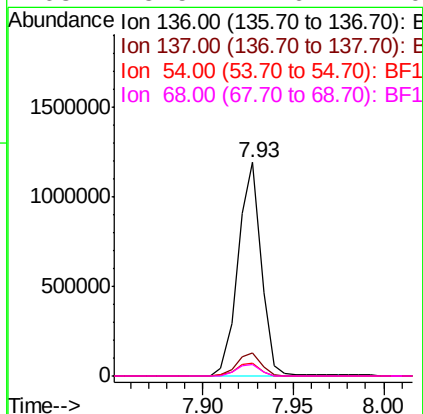
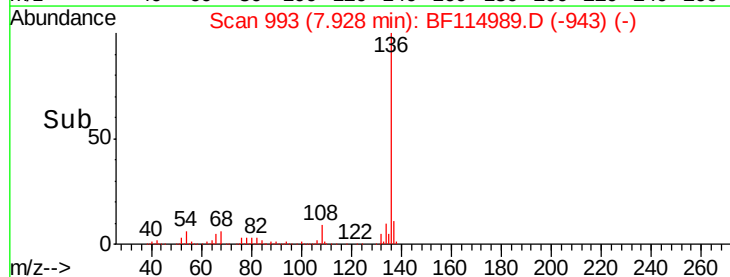
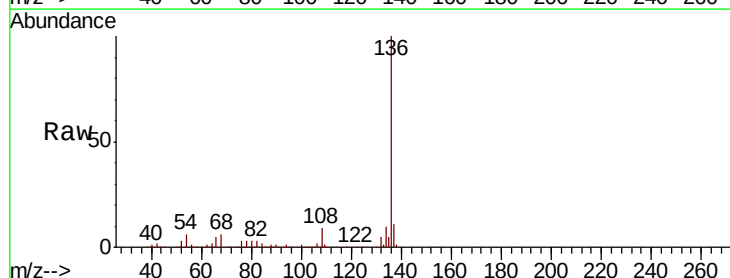
Instrument :
BNA_F
ClientSampleId :
BAT-B13

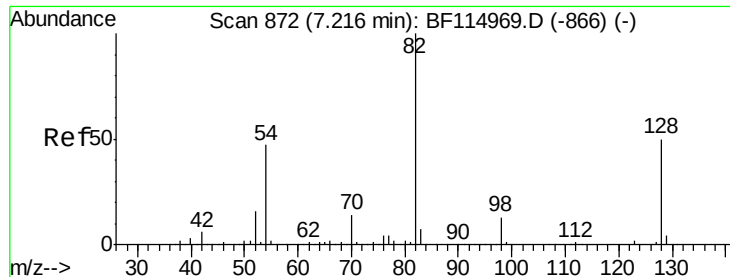
Tot Ion: 70 Resp: 145843
Ion Ratio Lower Upper
70 100
42 42.4 40.3 60.5
101 0.0 8.2 12.4#
130 2.4 20.3 30.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Tgt Ion: 136 Resp: 1056837
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.3 5.4 8.0
68 5.5 4.6 7.0

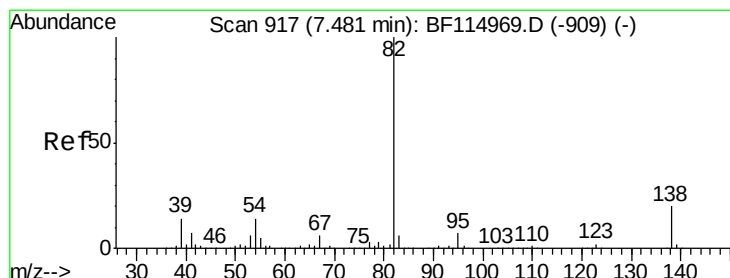
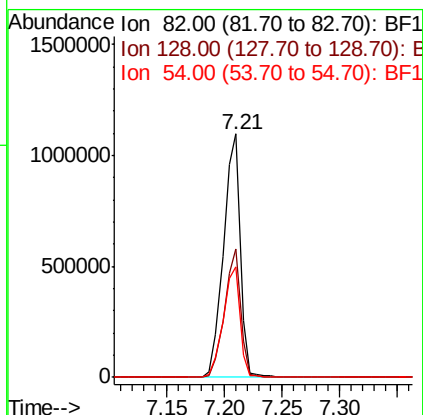
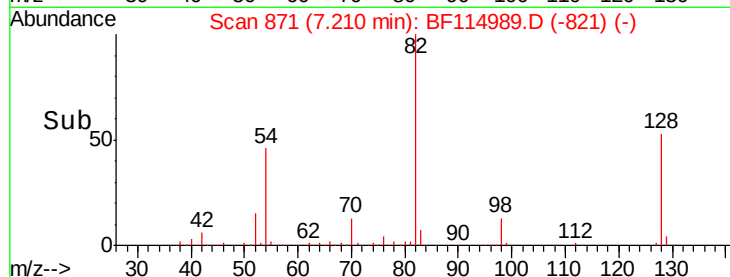
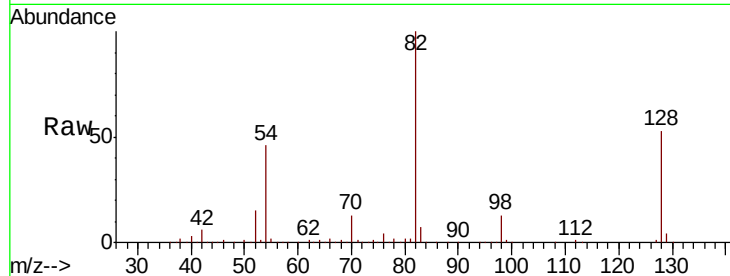




#23
Nitrobenzene-d5
Concen: 63.238 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

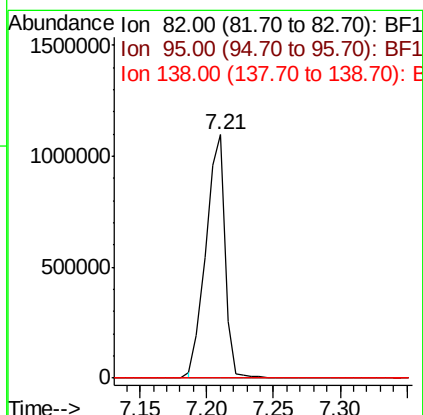
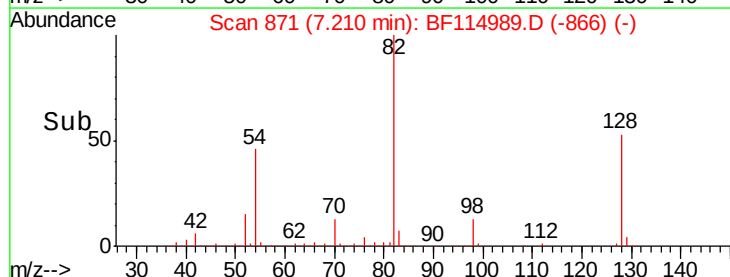
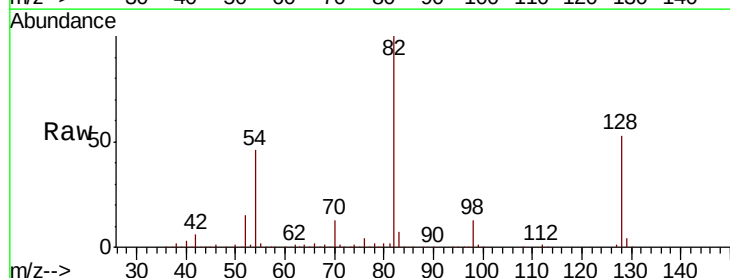
Instrument :
BNA_F
ClientSampled :
BAT-B13

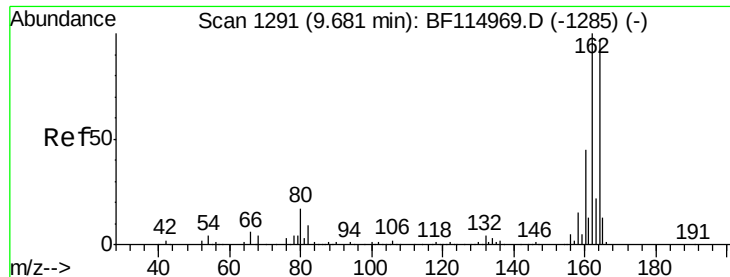
Tot Ion: 82 Resp: 1110309
Ion Ratio Lower Upper
82 100
128 52.6 39.9 59.9
54 45.5 37.3 55.9



#25
Isophorone
Concen: 33.178 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.27 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Tgt Ion: 82 Resp: 1091034
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.1 24.1#

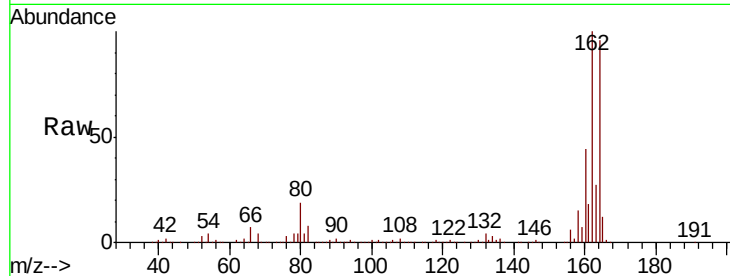




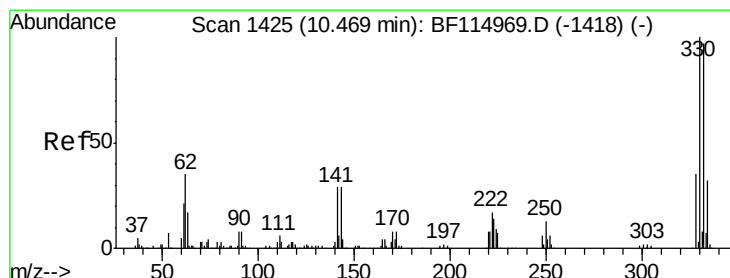
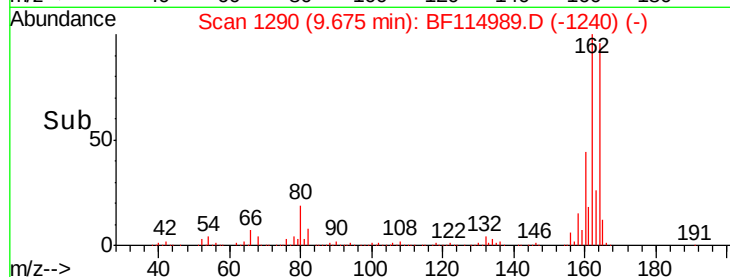
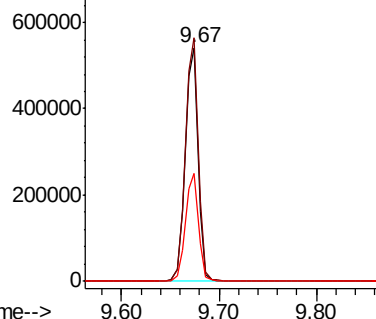
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
BAT-B13

Tot Ion:164 Resp: 495720
Ion Ratio Lower Upper
164 100
162 104.2 82.6 124.0
160 46.2 36.9 55.3

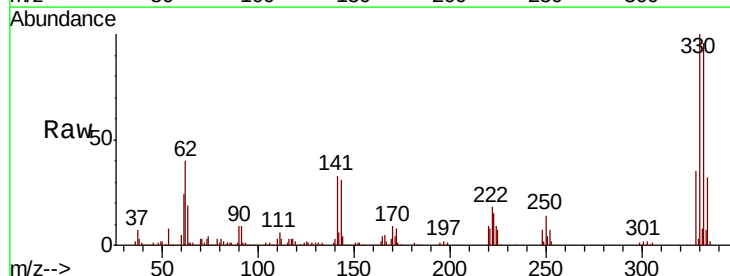


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

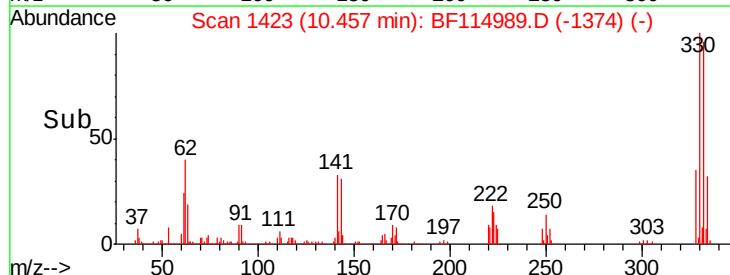
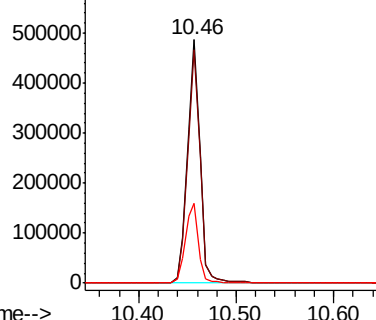


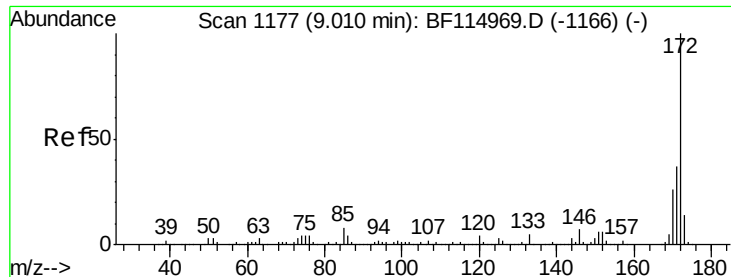
#42
2,4,6-Tribromophenol
Concen: 82.612 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Tgt Ion:330 Resp: 438542
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 34.0 27.2 40.8



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

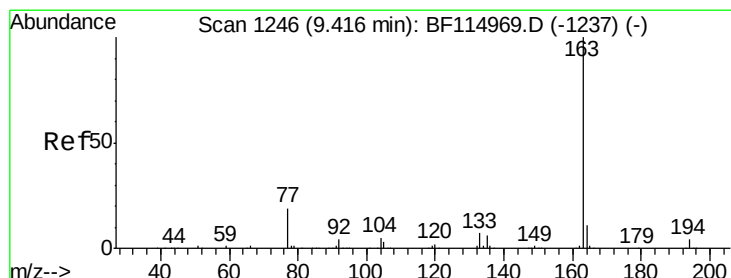
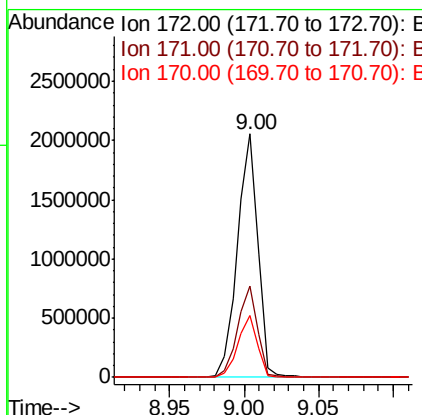
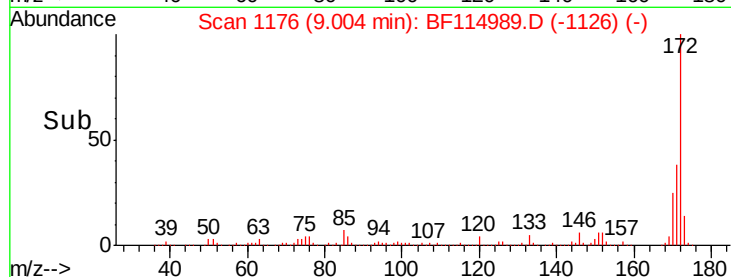
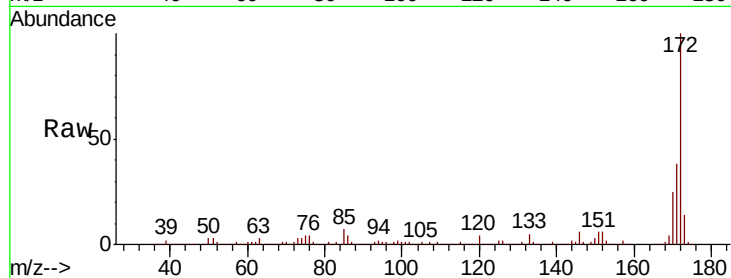




#45
2-Fluorobiphenyl
Concen: 68.045 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

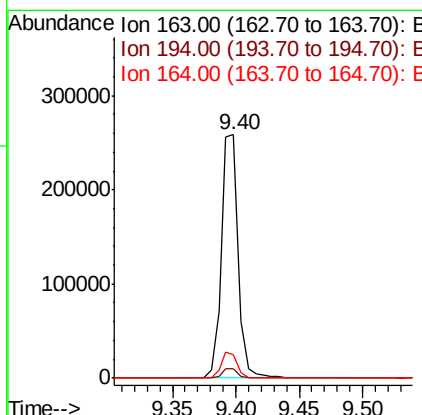
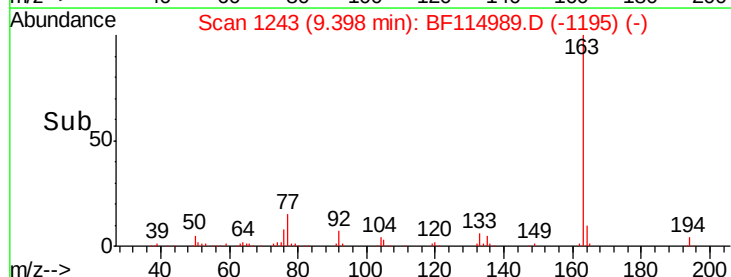
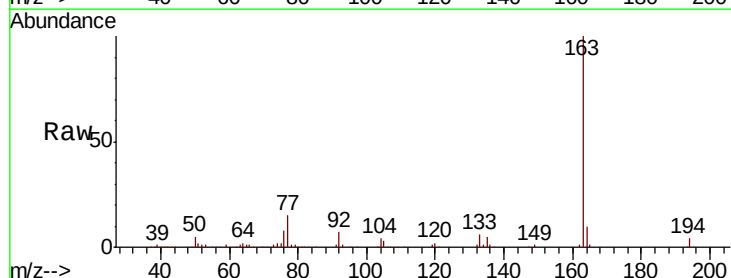
Instrument :
BNA_F
ClientSampled :
BAT-B13

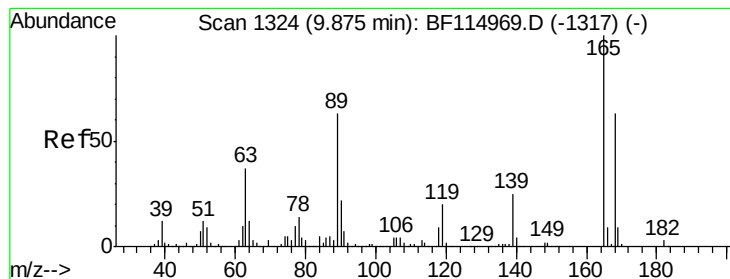
Tot Ion:172 Resp: 1990231
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 25.4 20.6 31.0



#50
Dimethylphthalate
Concen: 6.430 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Tgt Ion:163 Resp: 239712
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.7 8.6 12.8





#57

2,4-Dinitrotoluene

Concen: 6.008 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.20 min

Lab File: BF114989.D

Acq: 13 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

BAT-B13

Tot Ion:165 Resp: 64665

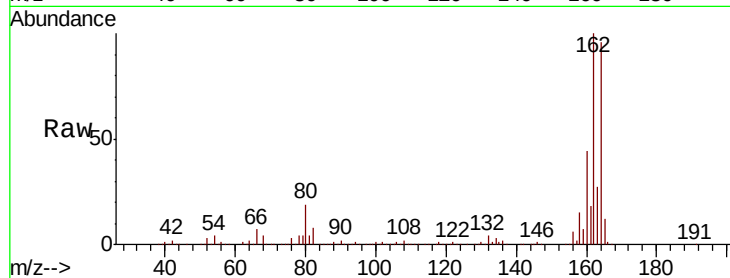
Ion Ratio Lower Upper

165 100

63 1.3 29.4 44.2#

89 1.2 50.6 75.8#

182 0.0 2.2 3.2#

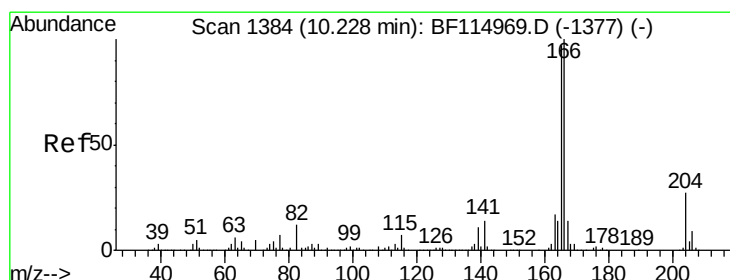
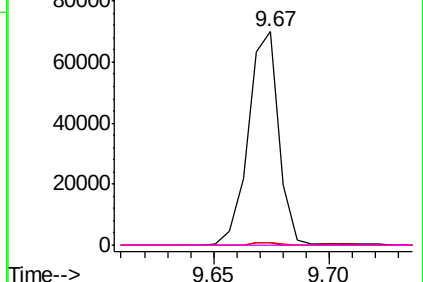
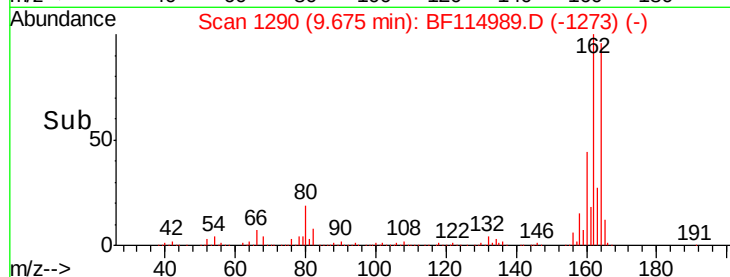


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: Below Cal

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF114989.D

Acq: 13 Jun 2019 8:39

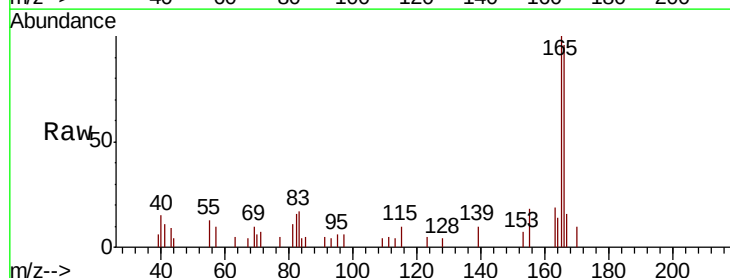
Tgt Ion:166 Resp: 6058

Ion Ratio Lower Upper

166 100

165 103.7 77.6 116.4

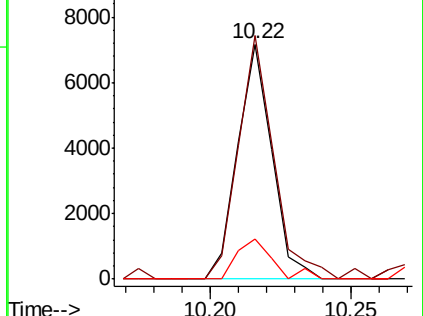
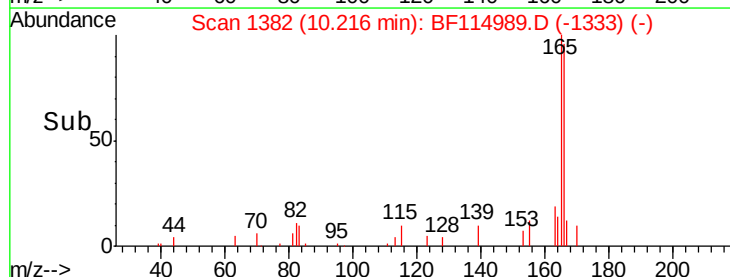
167 17.0 11.0 16.4#

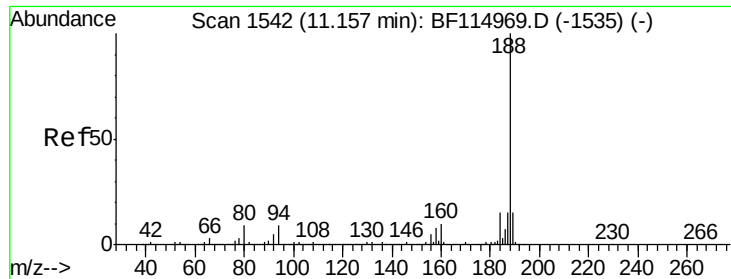


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

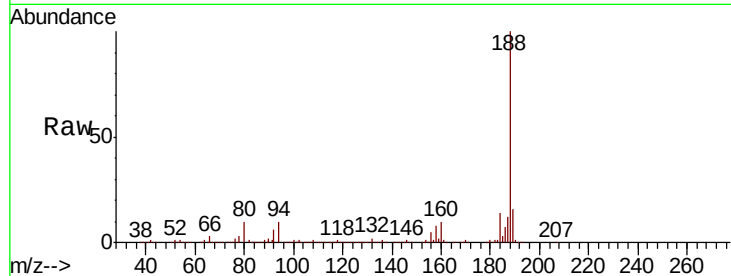




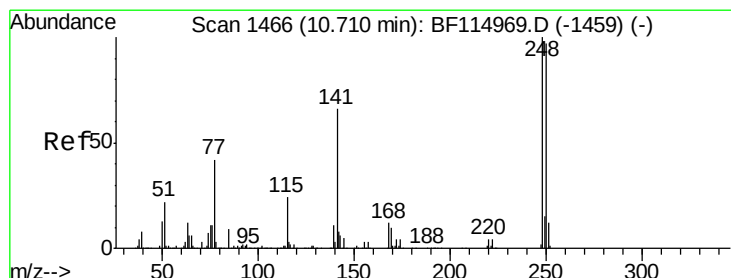
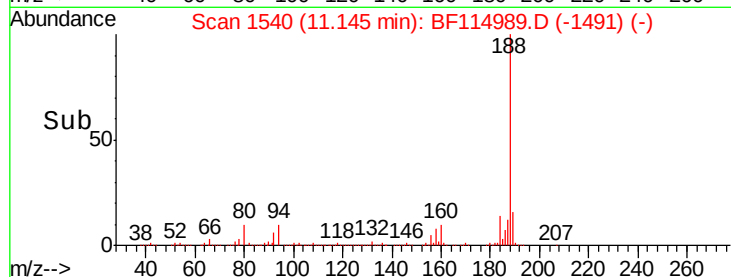
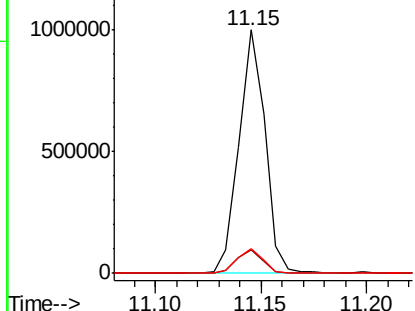
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Instrument :
BNA_F
ClientSampled :
BAT-B13

Tot Ion:188 Resp: 852392
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.4 7.4 11.2

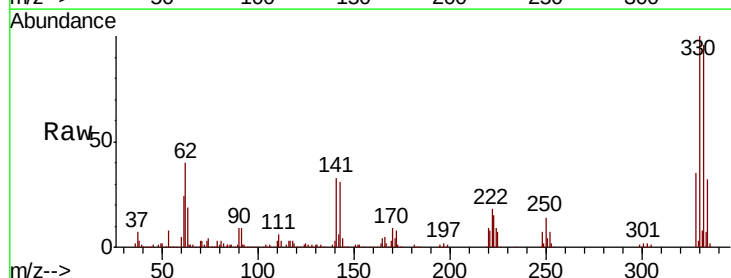


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

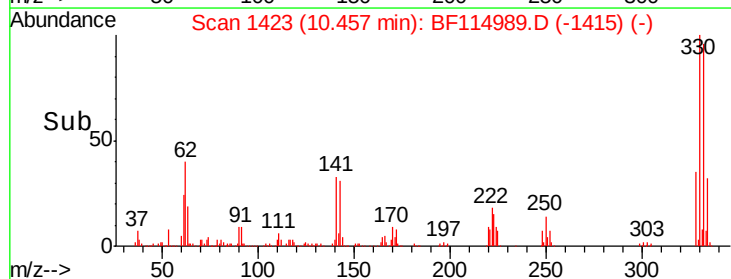
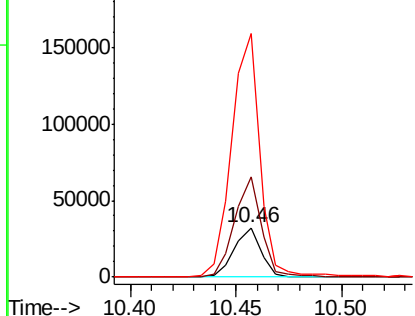


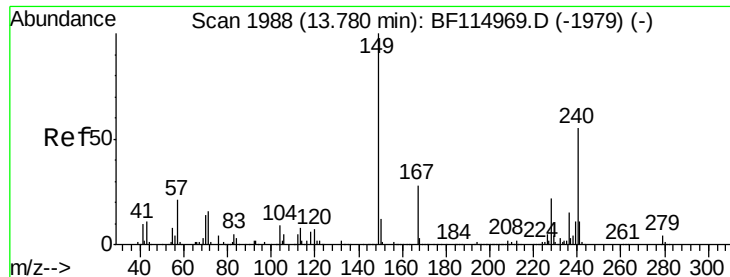
#67
4-Bromophenyl-phenylether
Concen: 3.103 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Tgt Ion:248 Resp: 28400
Ion Ratio Lower Upper
248 100
250 203.5 77.8 116.8#
141 492.3 53.1 79.7#



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

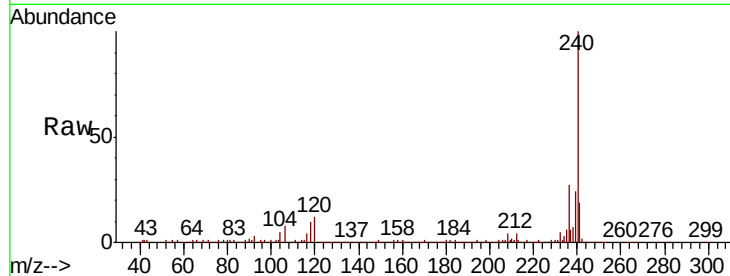




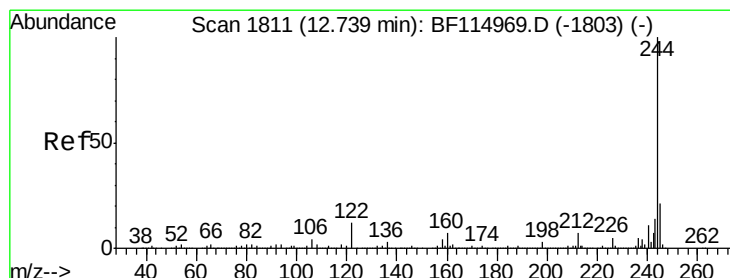
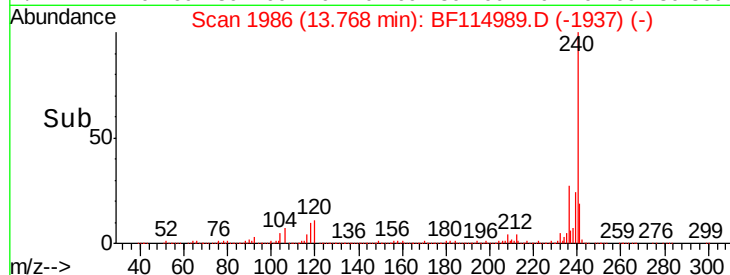
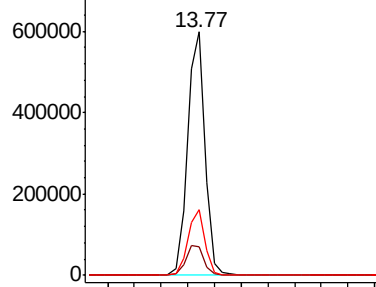
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
BAT-B13

Tot Ion:240 Resp: 550584
Ion Ratio Lower Upper
240 100
120 11.5 10.0 15.0
236 27.1 21.6 32.4

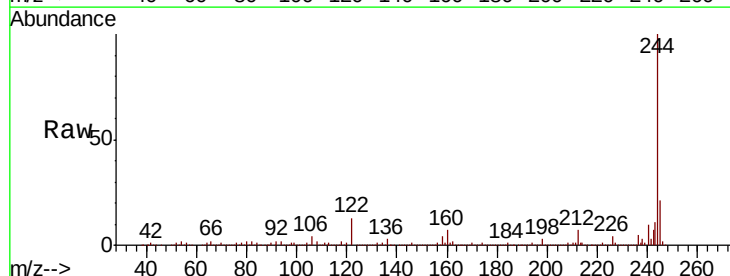


Abundance Ion 240.00 (239.70 to 240.70): E
800000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

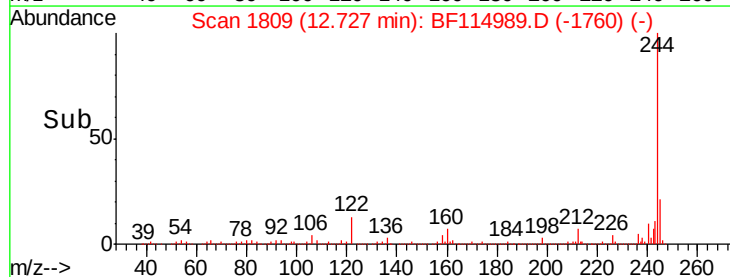
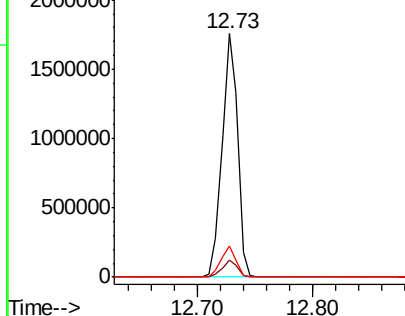


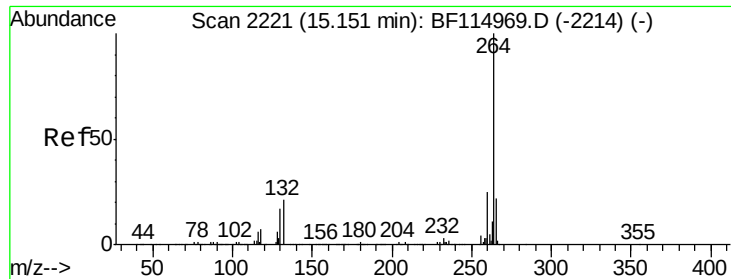
#79
Terphenyl-d14
Concen: 55.881 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF114989.D
Acq: 13 Jun 2019 8:39

Tgt Ion:244 Resp: 1635791
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.6 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

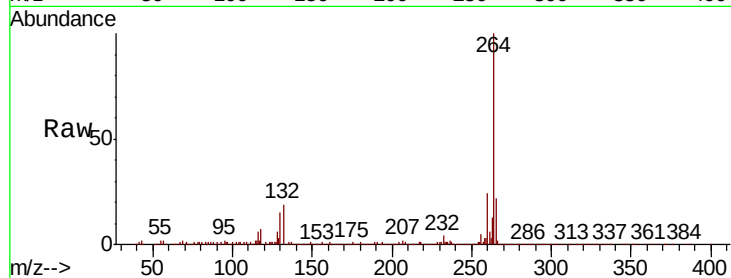




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF114989.D
 Acq: 13 Jun 2019 8:39

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B13

Tot Ion:	264	Resp:	638074
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.8	17.6	26.4



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

