

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090992.D
 Acq On : 2 Nov 2016 20:56
 Operator : UM/SJ
 Sample : H5509-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-94-1.0-1.5

Quant Time: Nov 02 23:14:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148549	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	623948	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	305658	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	481983	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	305022	20.00	ng	-0.02
86) Perylene-d12	15.28	264	273007	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1342844	158.05	ng	-0.01
7) Phenol-d6	6.37	99	1577307	137.61	ng	-0.02
23) Nitrobenzene-d5	7.29	82	789755	82.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	442959	141.02	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1616756	92.88	ng	-0.02
78) Terphenyl-d14	12.83	244	1204909	99.52	ng	-0.02

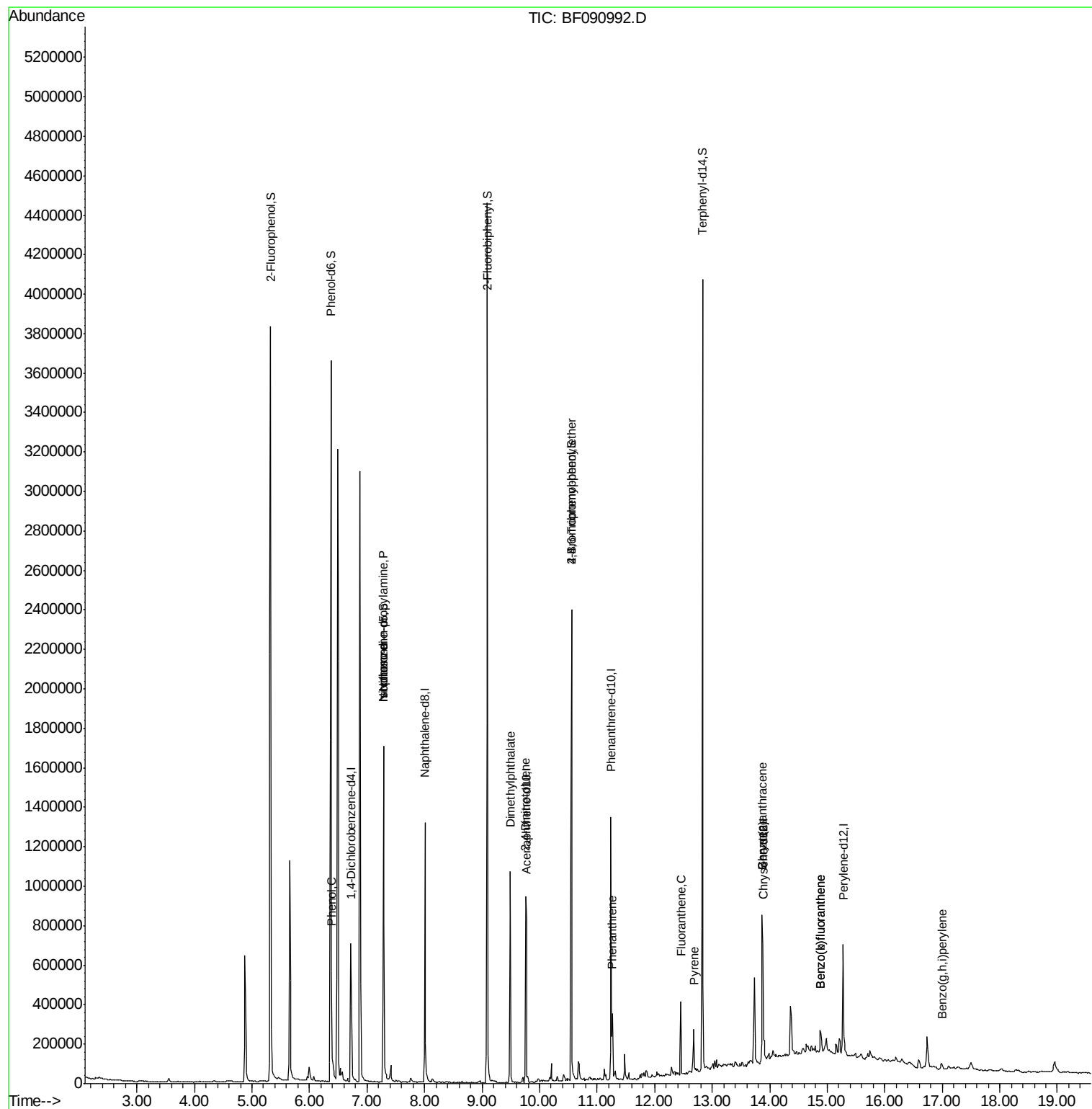
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.38	94	44085	3.49	ng	# 61
19) n-Nitroso-di-n-propylamine	7.29	70	103171	15.57	ng	# 50
25) Isophorone	7.29	82	681114	35.21	ng	# 58
49) Dimethylphthalate	9.49	163	696374	34.10	ng	# 97
56) 2,4-Dinitrotoluene	9.76	165	39864	7.12	ng	# 33
66) 4-Bromophenyl-phenylether	10.56	248	27600	5.23	ng	# 1
70) Phenanthrene	11.26	178	119758	4.88	ng	98
74) Fluoranthene	12.45	202	147020	5.47	ng	91
77) Pyrene	12.68	202	112385	5.82	ng	97
80) Benzo(a)anthracene	13.87	228	93020	5.75	ng	94
82) Chrysene	13.87	228	93020	5.68	ng	96
87) Benzo(b)fluoranthene	14.89	252	73122	3.98	ng	94
88) Benzo(k)fluoranthene	14.89	252	73122	5.04	ng	95
91) Benzo(g,h,i)perylene	16.99	276	25700	2.04	ng	# 76

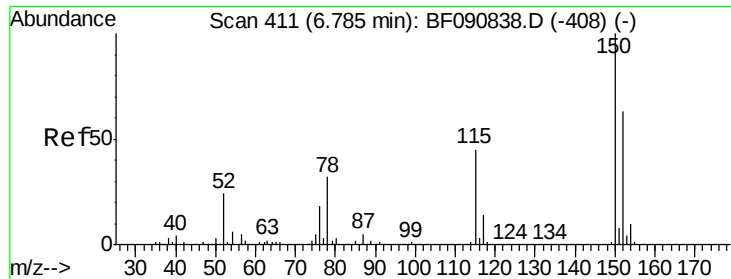
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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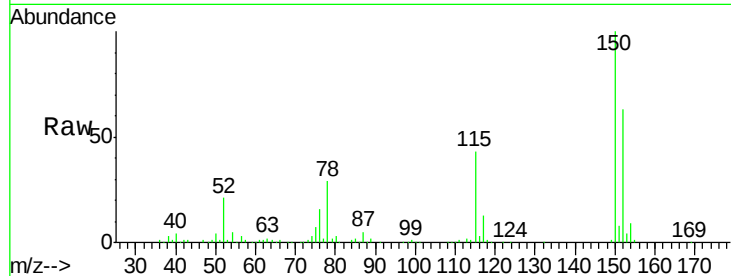


#1

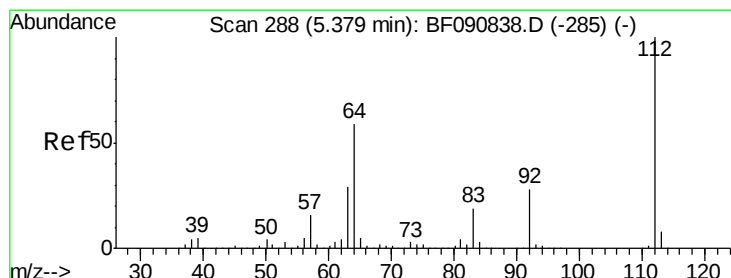
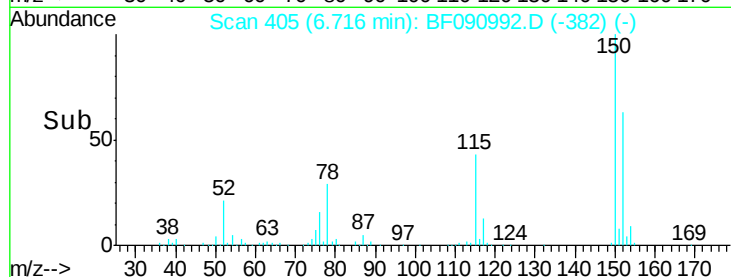
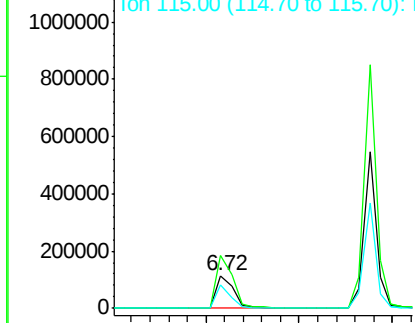
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

Tgt Ion:152 Resp: 148549
Ion Ratio Lower Upper
152 100
150 159.7 124.7 187.1
115 69.3 39.0 58.4#



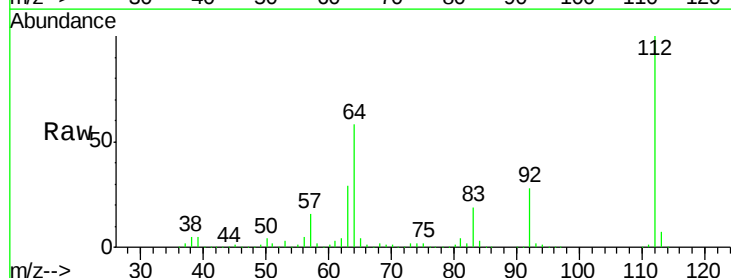
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



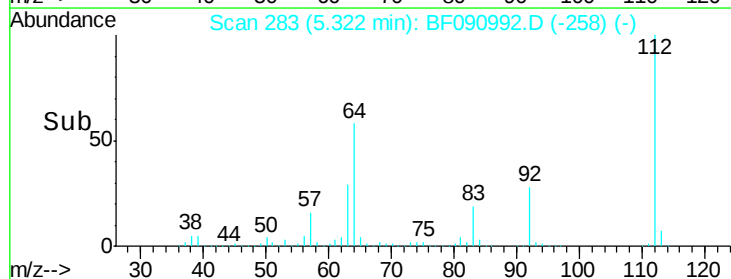
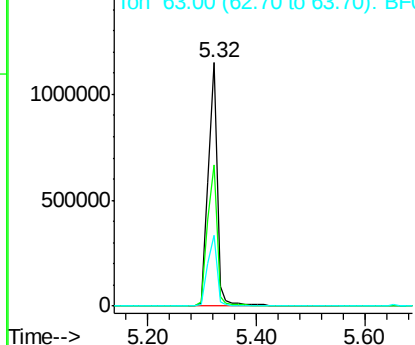
#5

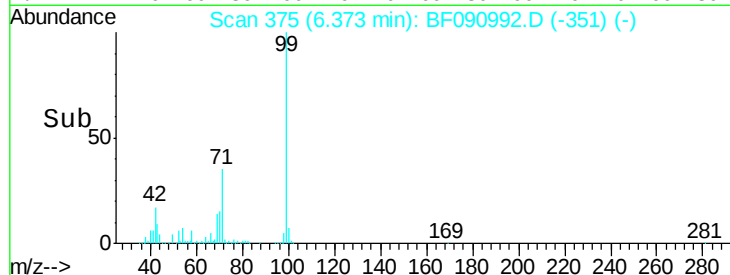
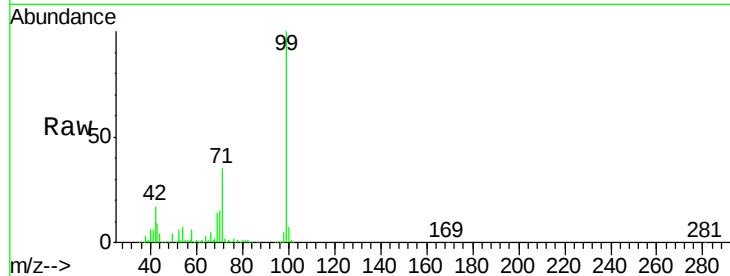
2-Fluorophenol
Concen: 158.05 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion:112 Resp: 1342844
Ion Ratio Lower Upper
112 100
64 57.7 39.7 59.5
63 29.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.61 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090992.D

Acq: 2 Nov 2016 20:56

Instrument :

BNA_F

ClientSampleId :

SB-94-1.0-1.5

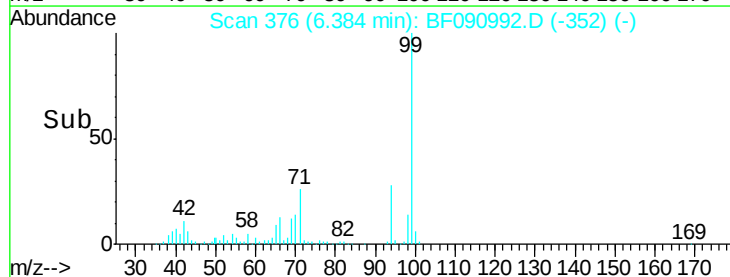
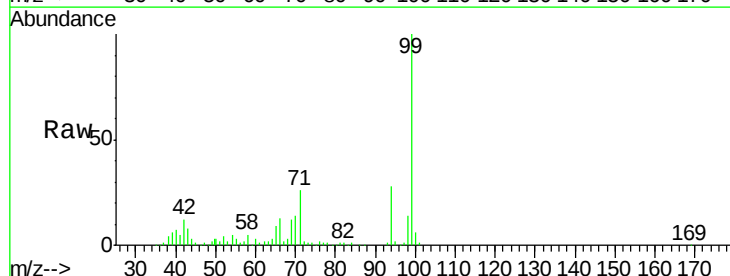
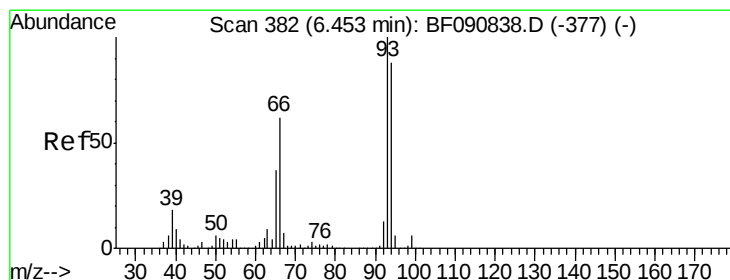
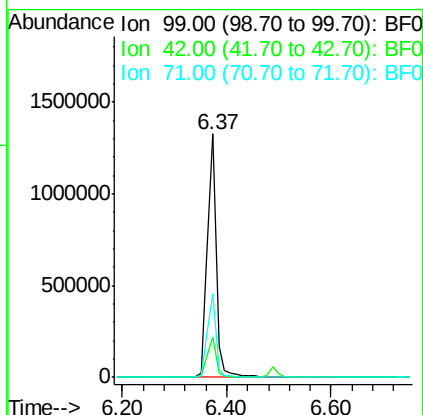
Tgt Ion: 99 Resp: 1577307

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

71 34.5 14.2 21.2#



#10

Phenol

Concen: 3.49 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF090992.D

Acq: 2 Nov 2016 20:56

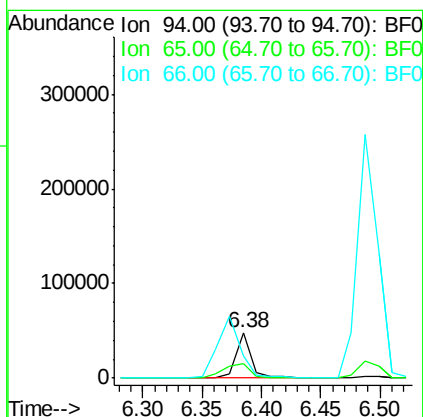
Tgt Ion: 94 Resp: 44085

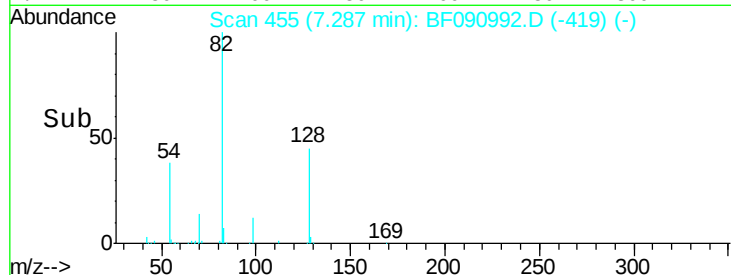
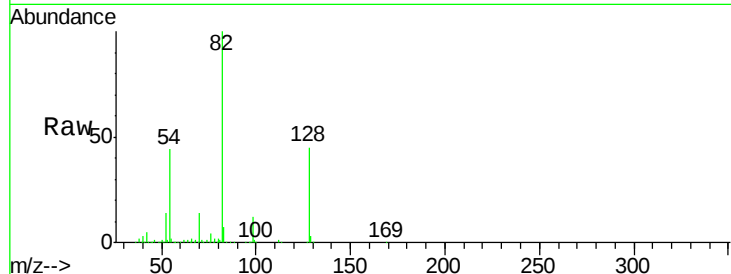
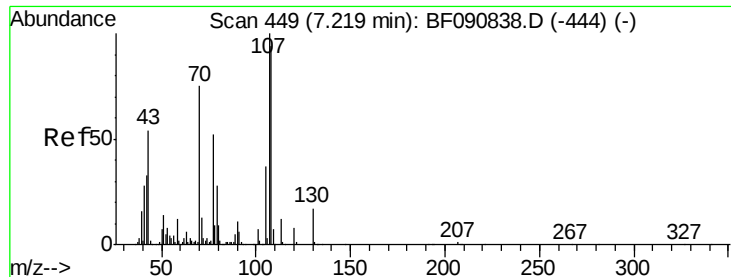
Ion Ratio Lower Upper

94 100

65 30.4 0.7 40.7

66 47.6 0.8 40.8#

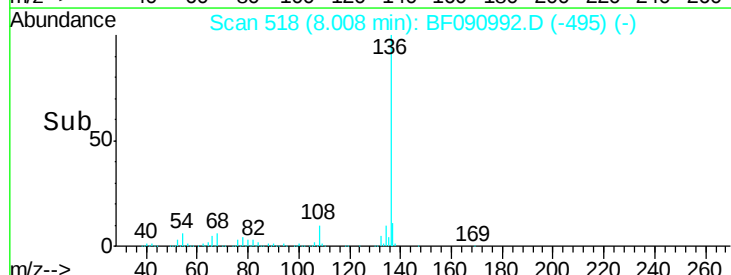
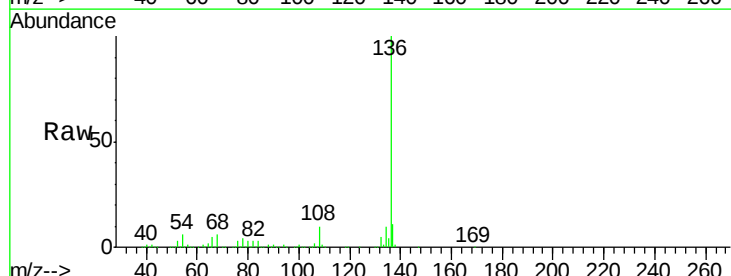
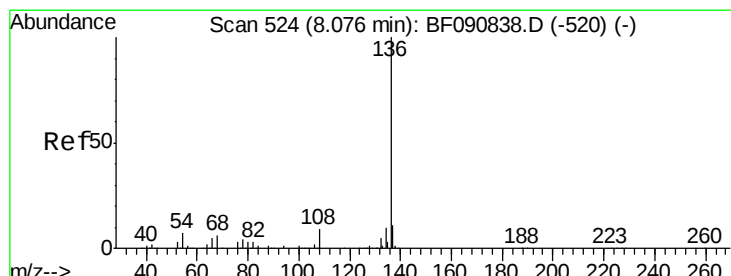
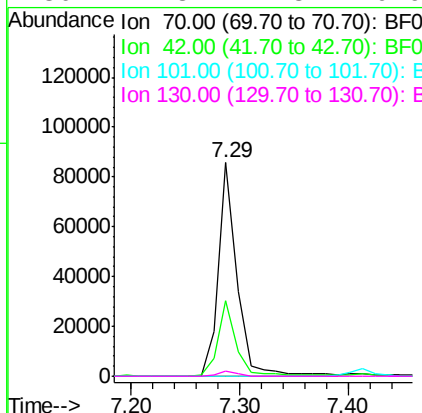




#19
n-Nitroso-di-n-propylamine
Concen: 15.57 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.11 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

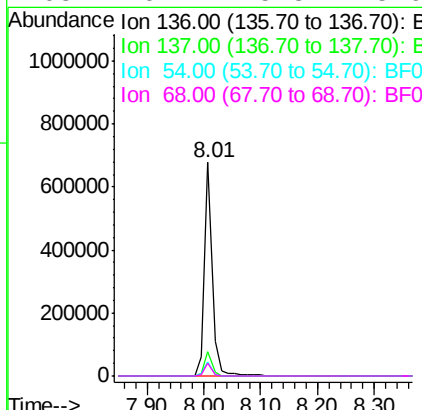
Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

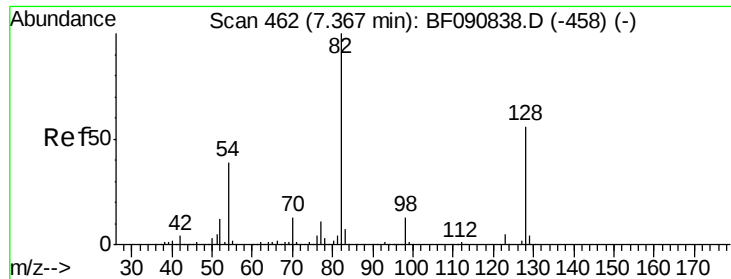
Tgt Ion:	70	Resp:	103171
Ion	Ratio	Lower	Upper
70	100		
42	35.3	63.8	95.6#
101	0.0	9.2	13.8#
130	2.3	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion:	136	Resp:	623948
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.3	8.2	12.2#
68	6.1	5.8	8.6

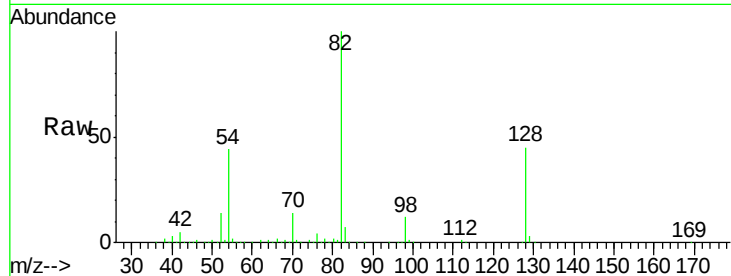




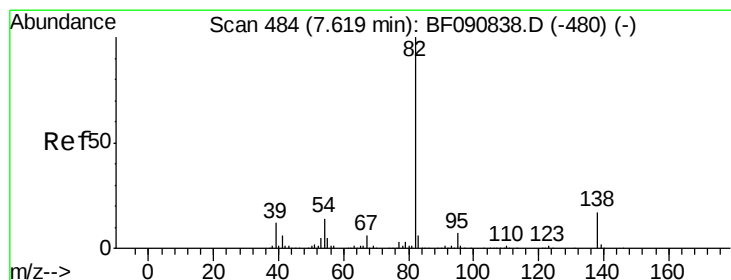
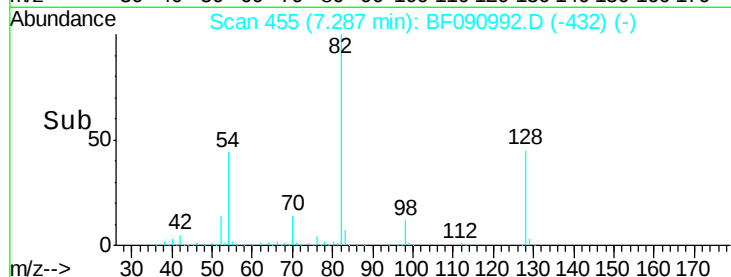
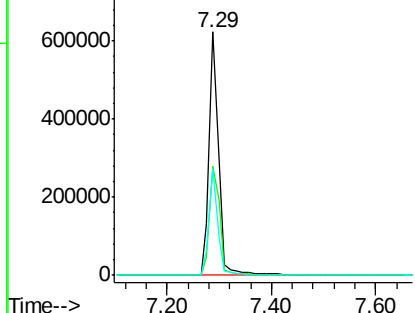
#23
 Nitrobenzene-d5
 Concen: 82.86 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-94-1.0-1.5

Tgt Ion: 82 Resp: 789755
 Ion Ratio Lower Upper
 82 100
 128 45.0 51.0 76.6#
 54 43.9 47.5 71.3#

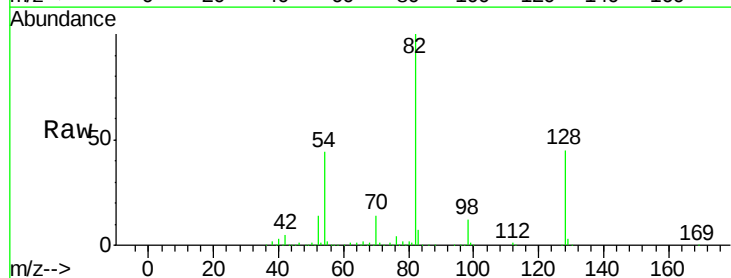


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

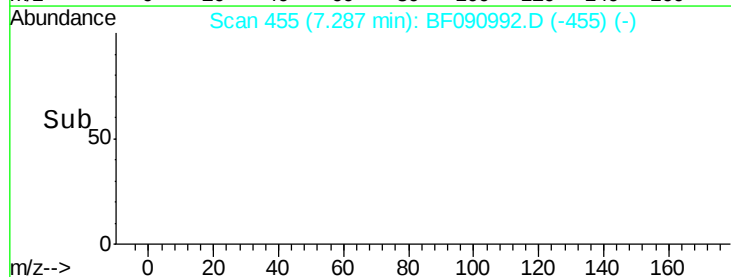
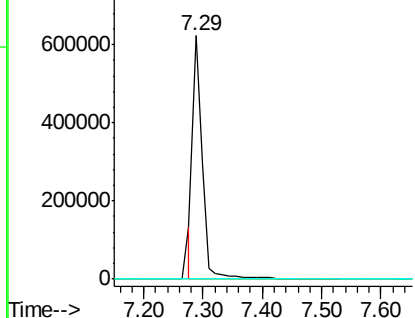


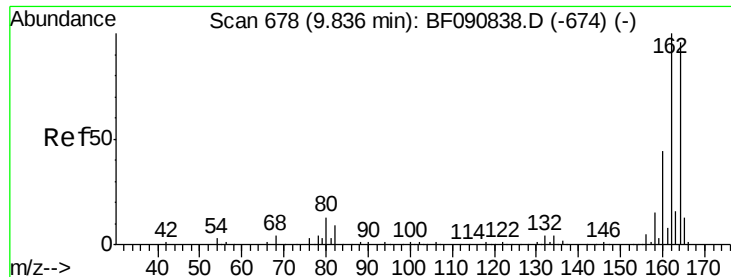
#25
 Isophorone
 Concen: 35.21 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.30 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Tgt Ion: 82 Resp: 681114
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

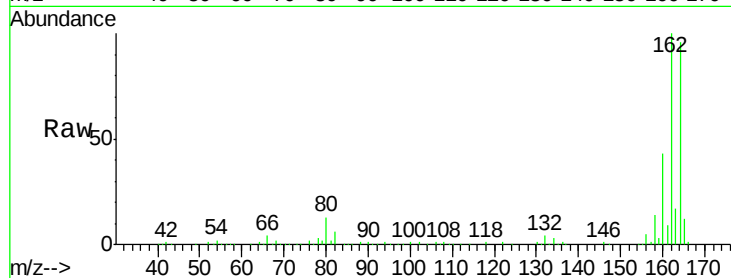




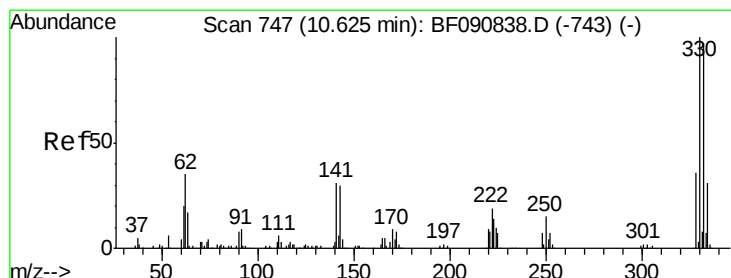
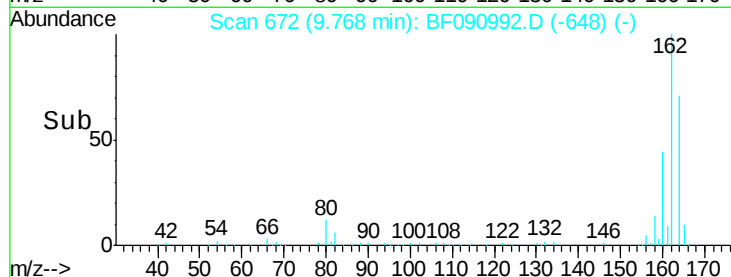
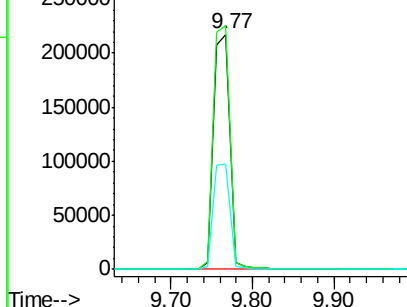
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Instrument :
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 ClientSampleId :
 SB-94-1.0-1.5

Tgt Ion:164 Resp: 305658
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 45.0 31.5 47.3

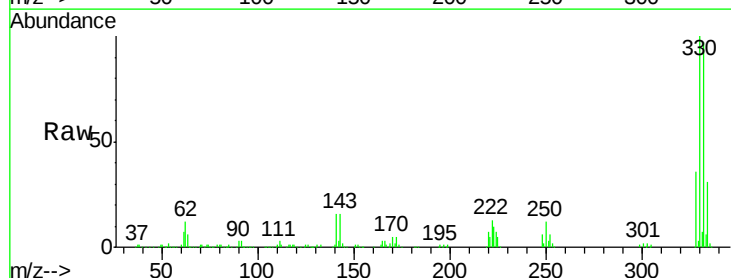


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

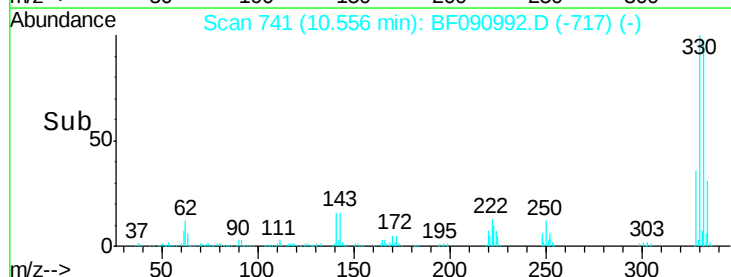
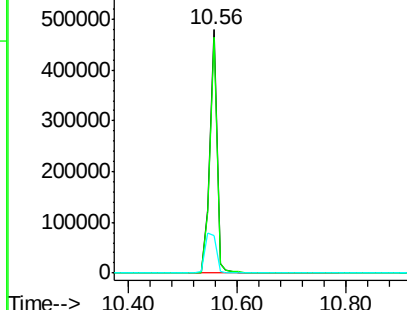


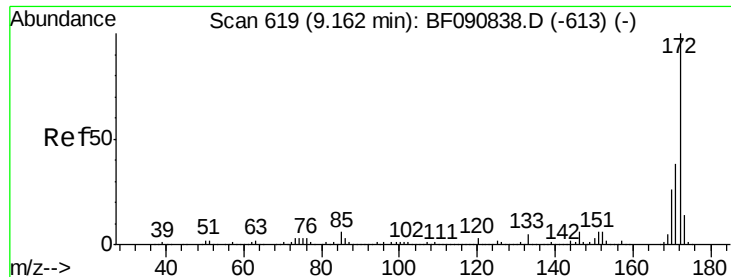
#41
 2,4,6-Tribromophenol
 Concen: 141.02 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Tgt Ion:330 Resp: 442959
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 25.8 29.7 44.5#



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

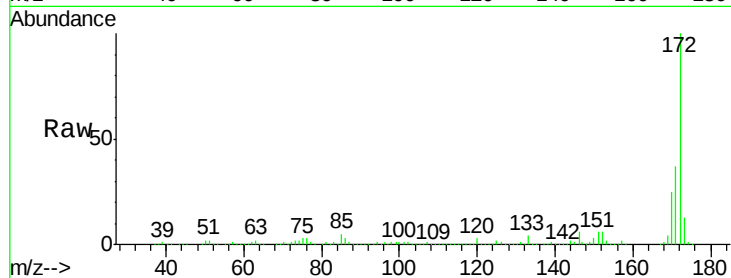




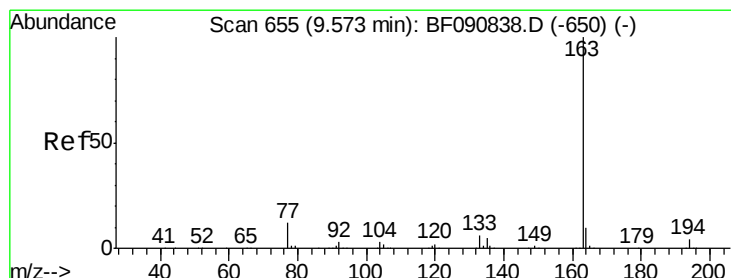
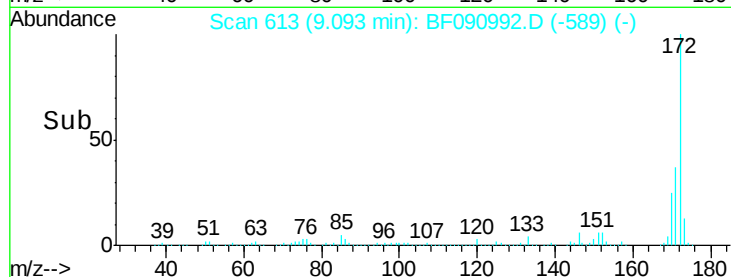
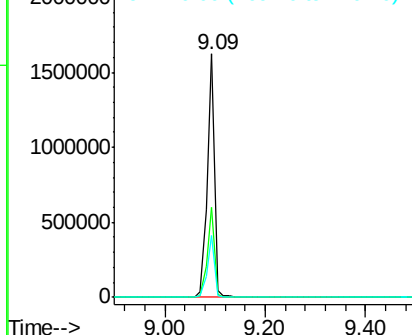
#44
2-Fluorobiphenyl
Concen: 92.88 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

Tgt Ion:172 Resp: 1616756
Ion Ratio Lower Upper
172 100
171 37.2 26.1 39.1
170 25.2 17.4 26.2

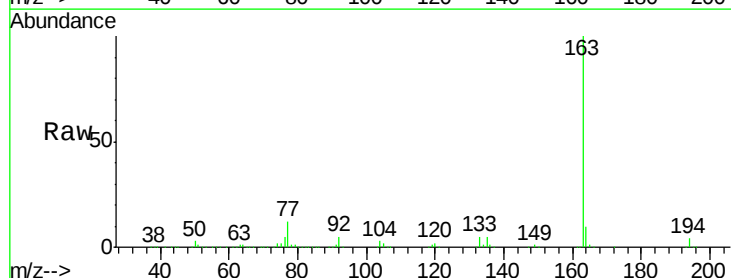


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

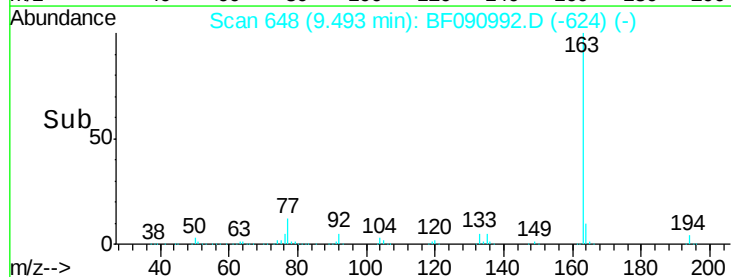
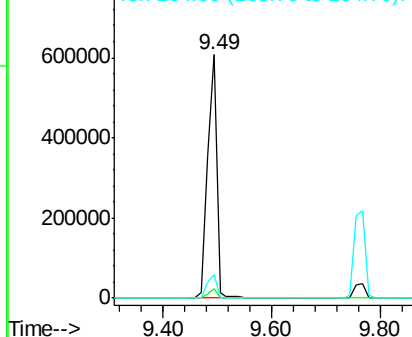


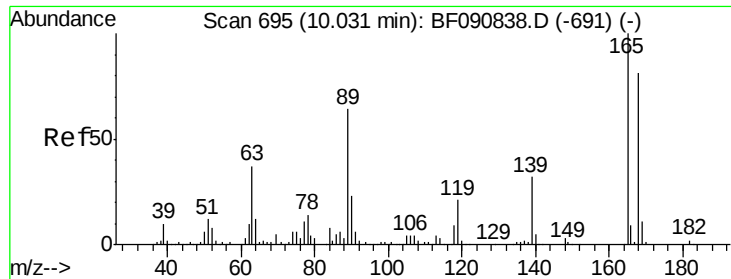
#49
Dimethylphthalate
Concen: 34.10 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion:163 Resp: 696374
Ion Ratio Lower Upper
163 100
194 4.0 4.4 6.6#
164 9.8 8.3 12.5



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

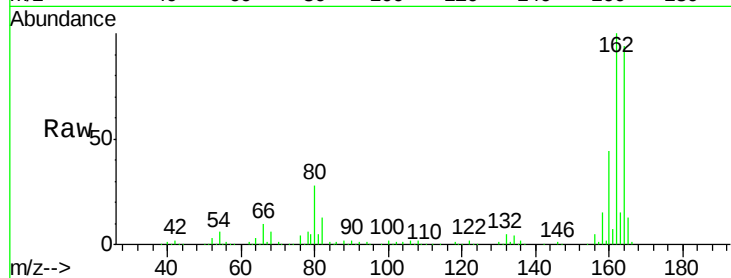




#56
 2,4-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.23 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-94-1.0-1.5

Tgt Ion:	165	Resp:	39864
Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

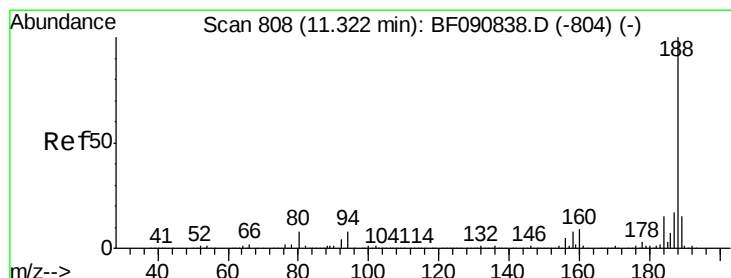
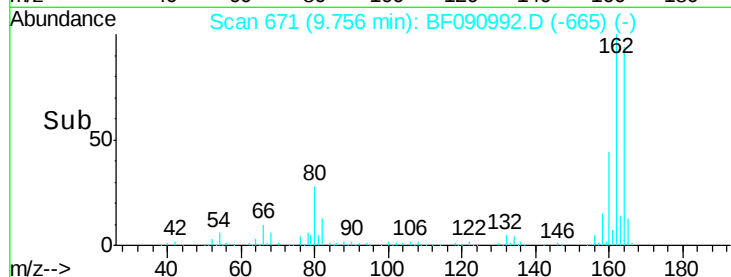
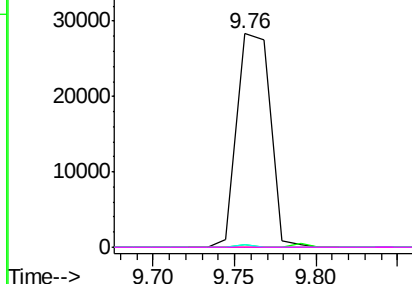


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

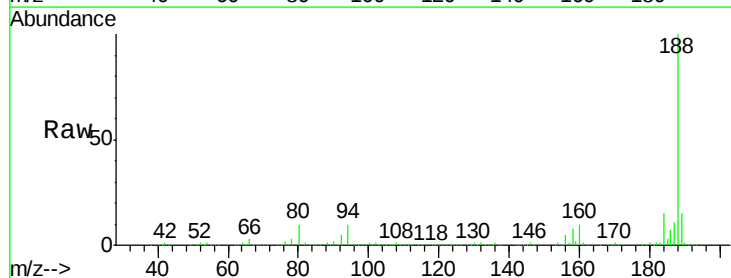
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

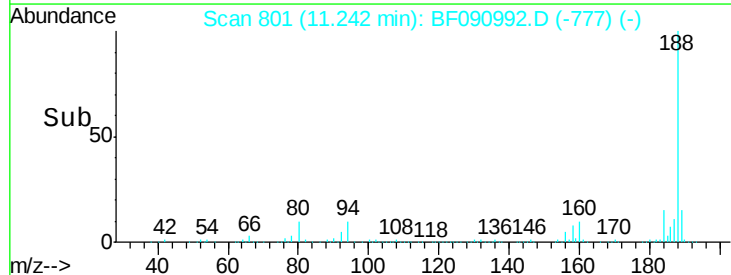
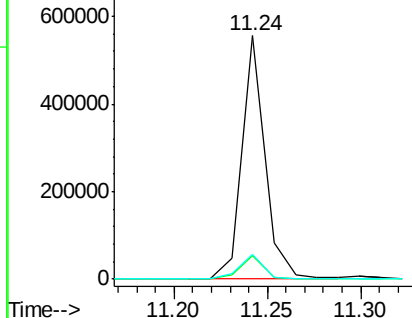
Tgt Ion:	188	Resp:	481983
Ion	Ratio	Lower	Upper
188	100		
94	9.8	11.1	16.7#
80	10.4	11.0	16.4#

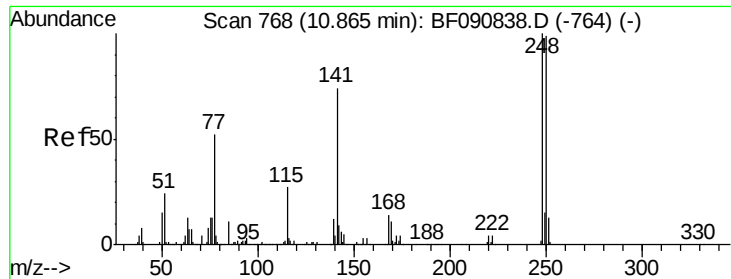


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

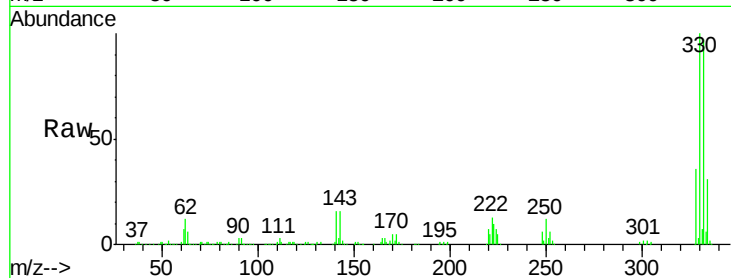




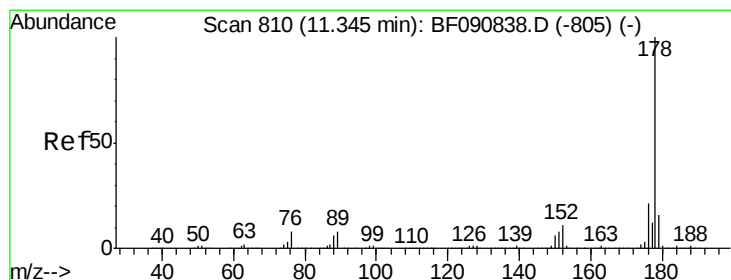
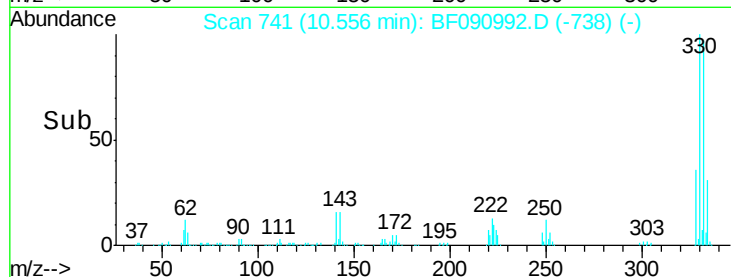
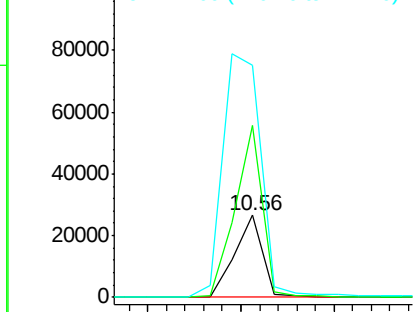
#66
 4-Bromophenyl-phenylether
 Concen: 5.23 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.26 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-94-1.0-1.5

Tgt Ion:248 Resp: 27600
 Ion Ratio Lower Upper
 248 100
 250 208.9 78.5 117.7#
 141 281.8 59.0 88.6#

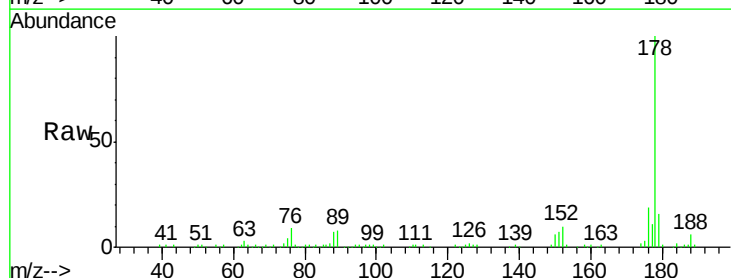


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

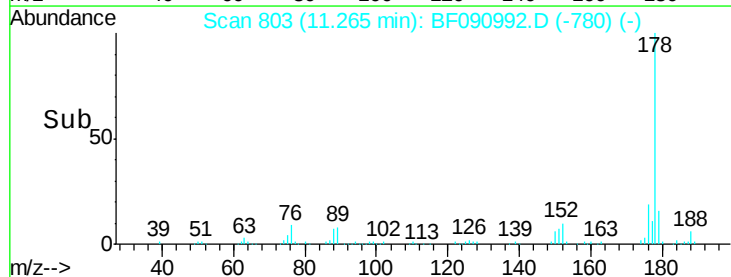
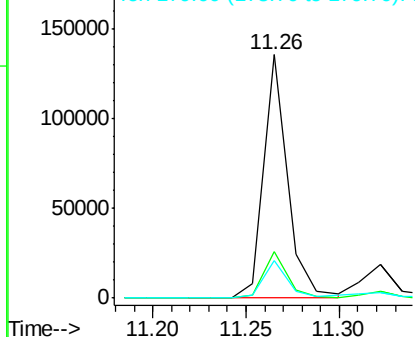


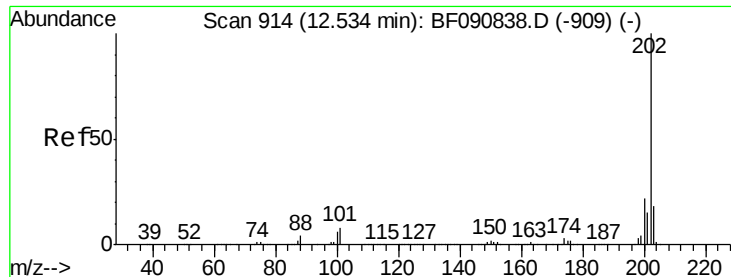
#70
 Phenanthrene
 Concen: 4.88 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.03 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Tgt Ion:178 Resp: 119758
 Ion Ratio Lower Upper
 178 100
 176 18.9 13.8 20.8
 179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

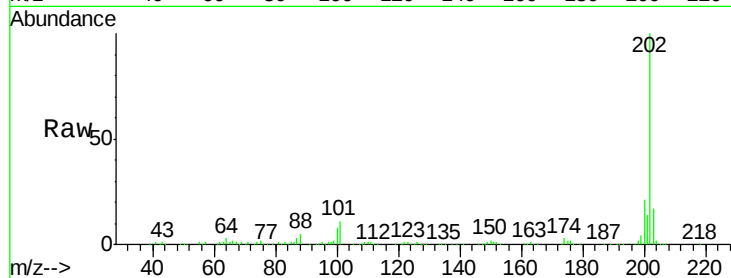




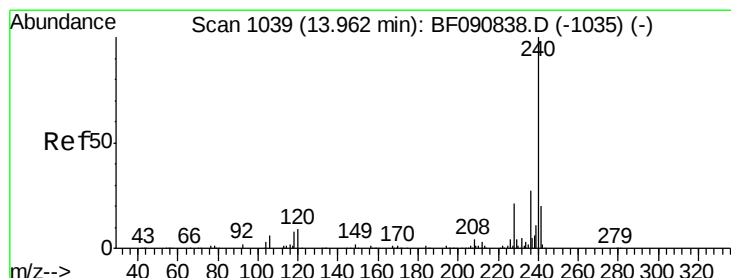
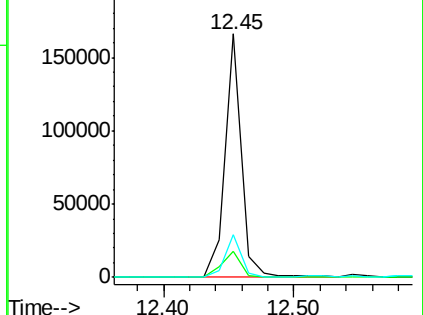
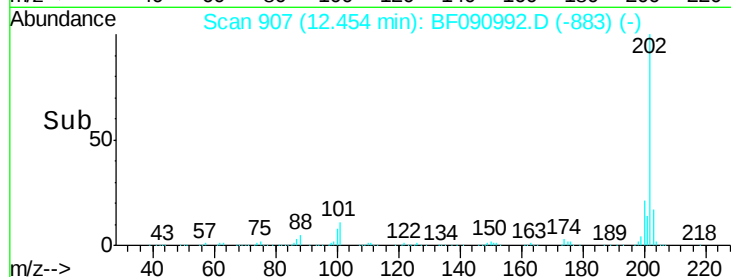
#74
Fluoranthene
Concen: 5.47 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	38.3
203	17.4	0.0	37.3

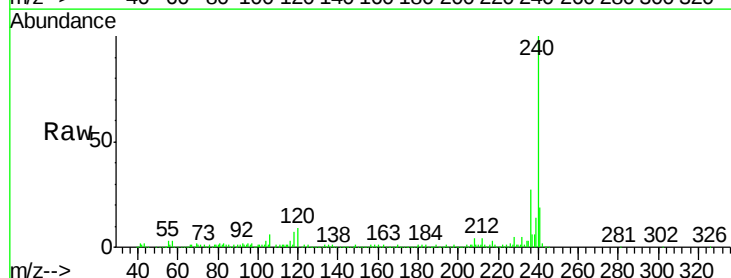


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	16.2	24.2#
236	27.2	18.4	27.6



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

