

Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
 Data File : BF084610.D
 Acq On : 25 Jan 2016 16:36
 Operator : SJ/IZ
 Sample : H1201-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 17:04:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	200036	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	800344	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	417921	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	829546	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	720522	20.00	ng	-0.01
86) Perylene-d12	15.28	264	557287	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	942320	76.19	ng	0.00
7) Phenol-d6	6.38	99	895387	57.65	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1654710	115.07	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	695339	164.80	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2381730	101.48	ng	0.00
78) Terphenyl-d14	12.84	244	2581698	79.98	ng	-0.01

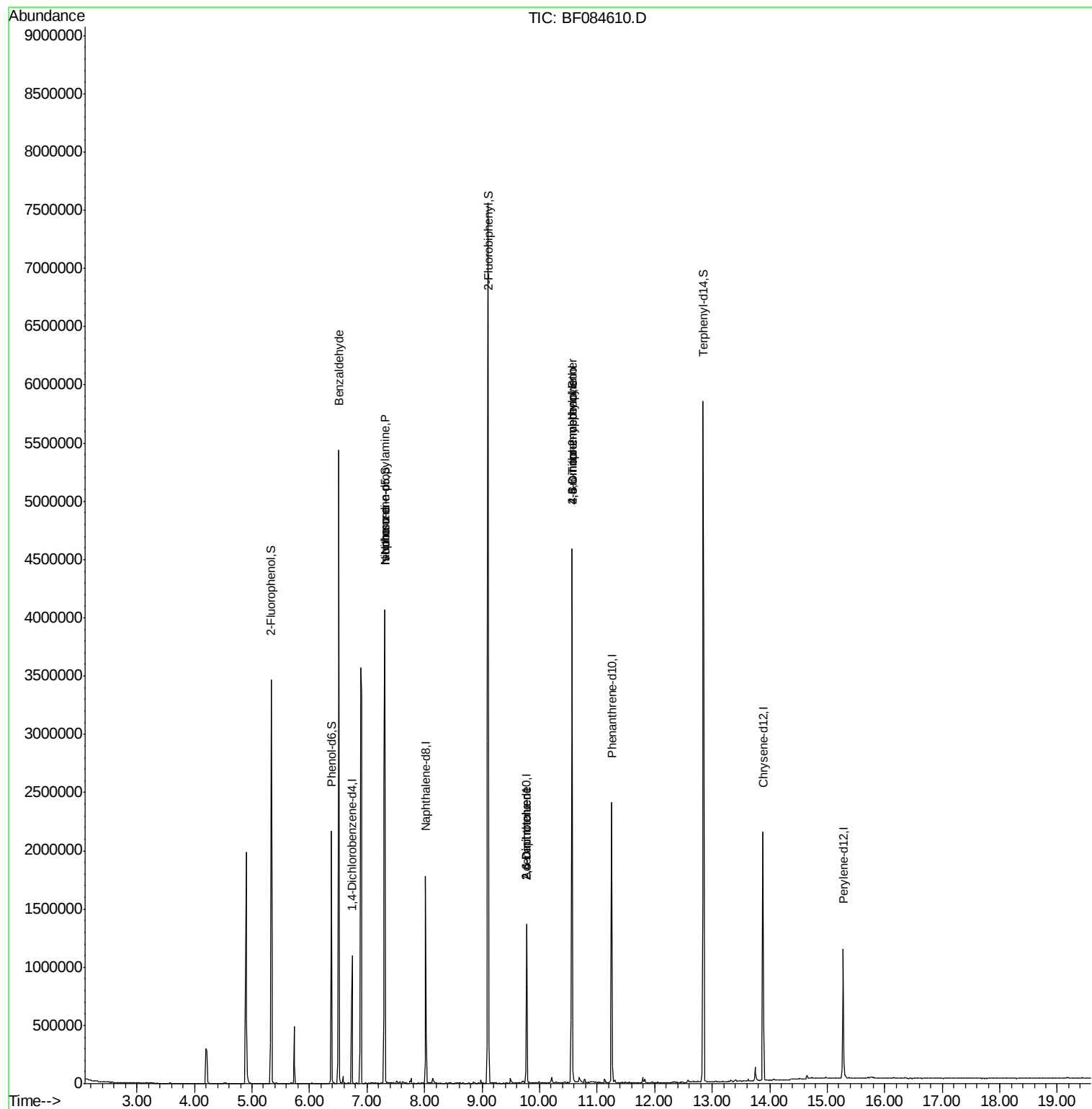
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	42958	4.25	ng	84
19) n-Nitroso-di-n-propylamine	7.31	70	233786	22.24	ng	# 75
25) Isophorone	7.31	82	1518718	55.22	ng	# 66
50) 2,6-Dinitrotoluene	9.77	165	52304	7.98	ng	# 37
54) Dibenzofuran	9.97	168	331	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.77	165	52304	6.31	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.57	198	1659	6.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	46588	5.22	ng	# 1
73) Di-n-butylphthalate	11.82	149	9099	Below Cal		# 97

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

Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
Data File : BF084610.D
Acq On : 25 Jan 2016 16:36
Operator : SJ/IZ
Sample : H1201-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 25 17:04:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration



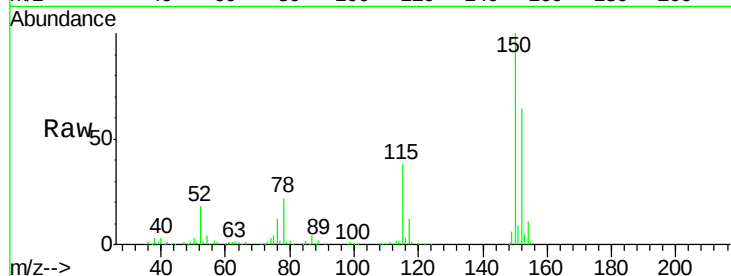


#1

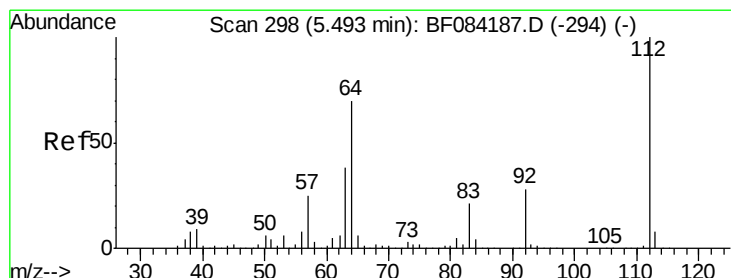
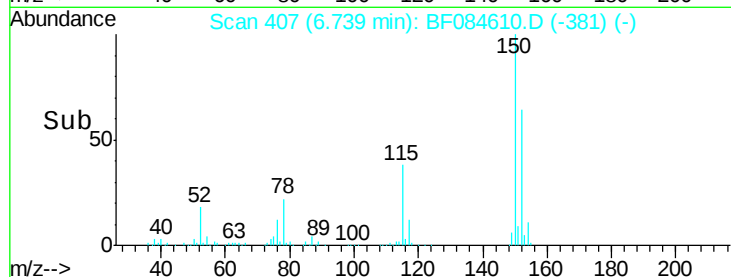
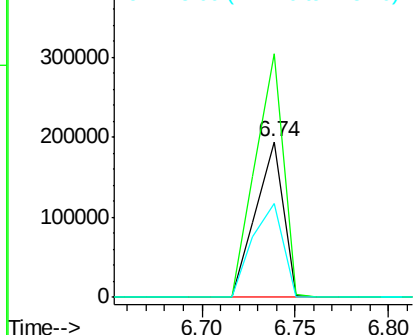
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 200036
Ion Ratio Lower Upper
152 100
150 156.5 123.0 184.4
115 60.1 51.4 77.2



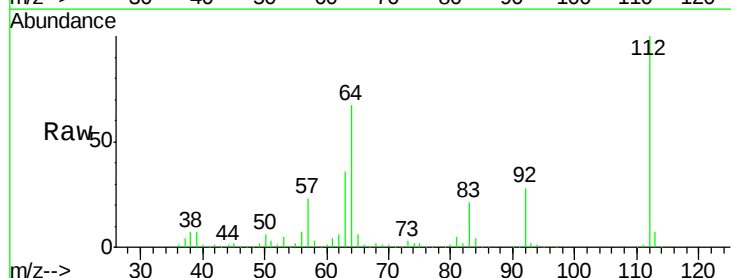
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



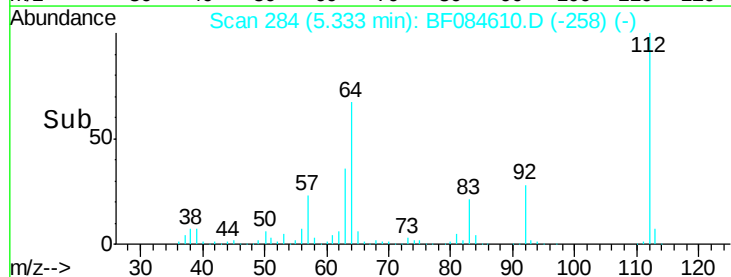
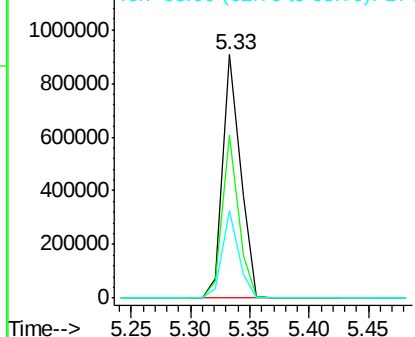
#5

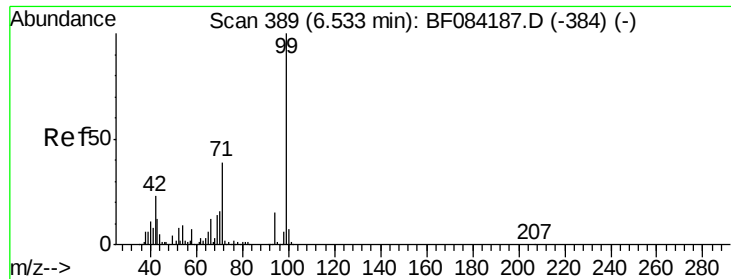
2-Fluorophenol
Concen: 76.19 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

Tgt Ion:112 Resp: 942320
Ion Ratio Lower Upper
112 100
64 66.7 36.6 55.0#
63 35.8 19.4 29.0#



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: 57.65 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084610.D

Acq: 25 Jan 2016 16:36

Instrument :

BNA_F

ClientSampled :

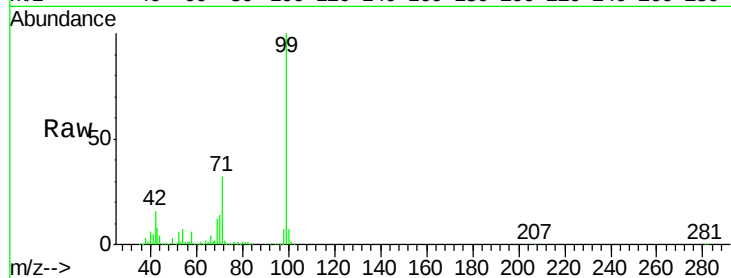
Tot Ion: 99 Resp: 895387

Ion Ratio Lower Upper

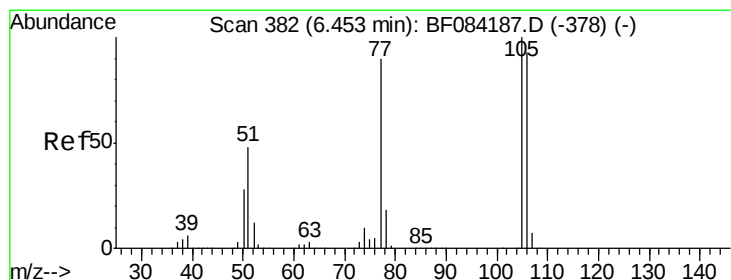
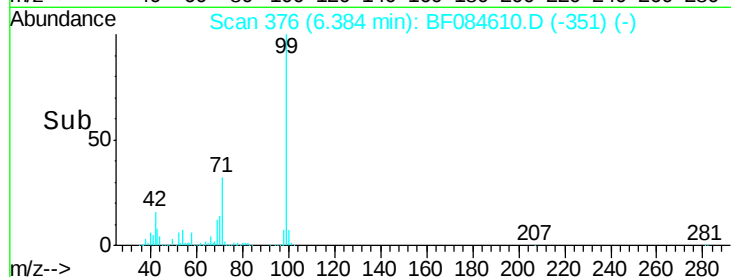
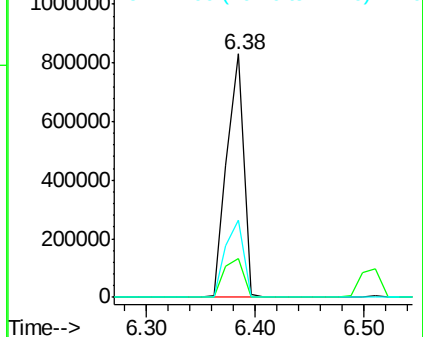
99 100

42 15.8 12.8 19.2

71 31.8 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.25 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF084610.D

Acq: 25 Jan 2016 16:36

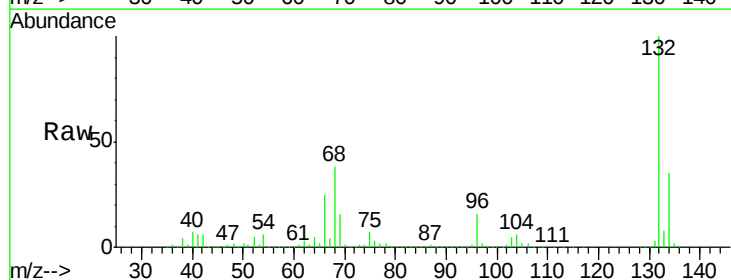
Tgt Ion: 77 Resp: 42958

Ion Ratio Lower Upper

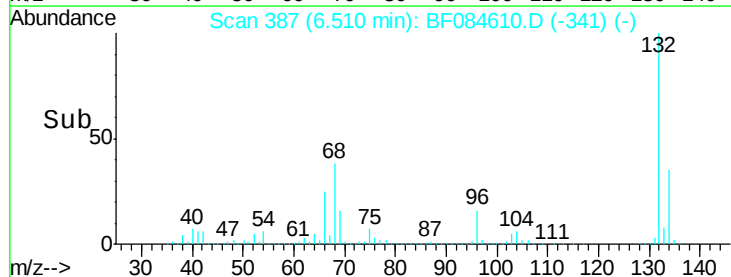
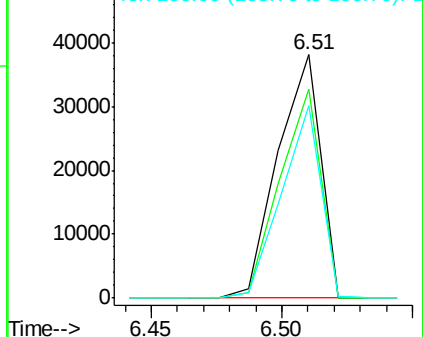
77 100

105 85.9 83.0 123.0

106 79.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

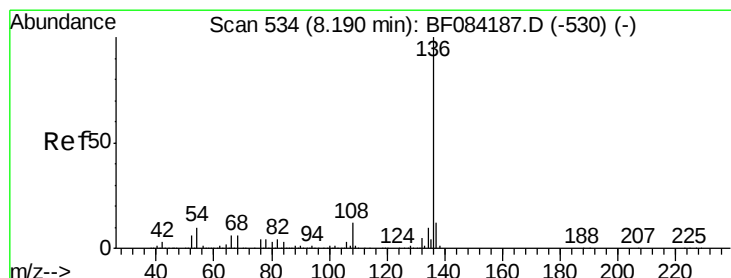
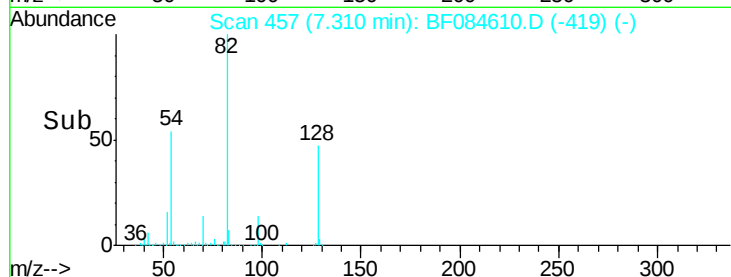
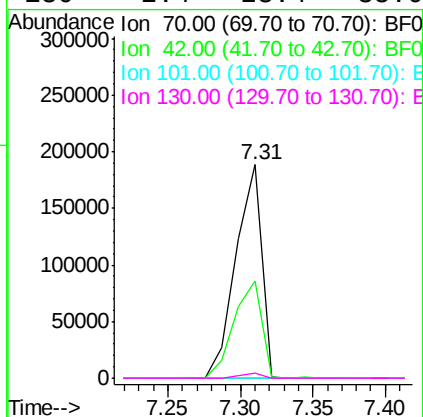
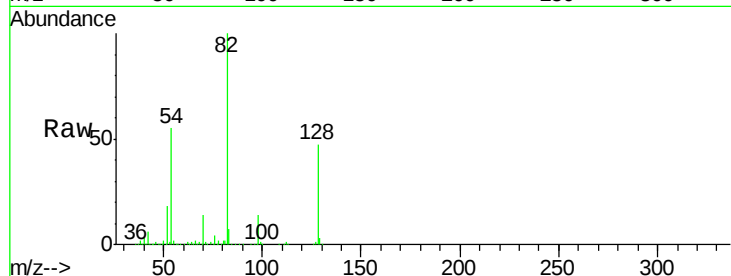




#19
n-Nitroso-di-n-propylamine
Concen: 22.24 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

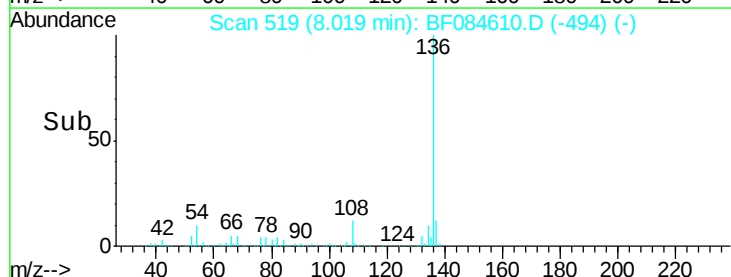
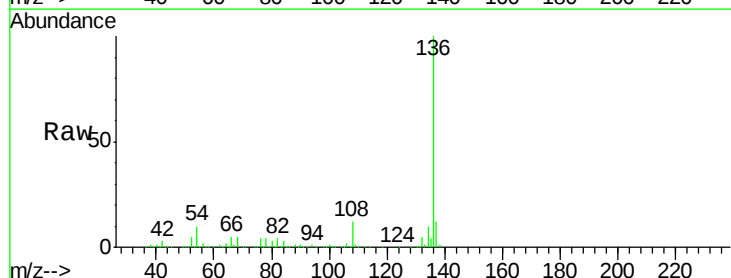
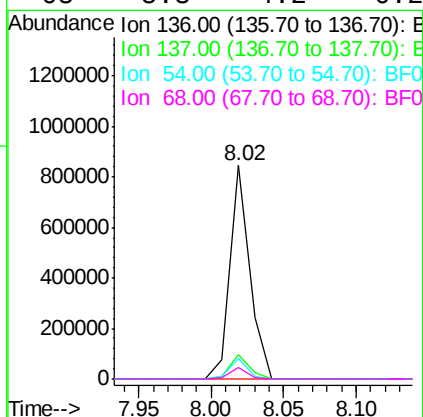
Instrument :
BNA_F
ClientSampleId :

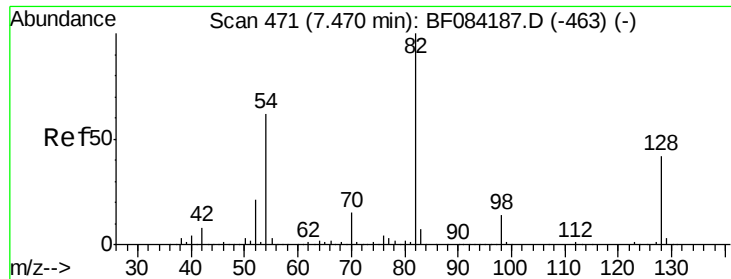
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.7	33.3	49.9
101	0.0	9.3	13.9#
130	2.4	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.8	5.8	8.8#
68	5.3	4.2	6.2

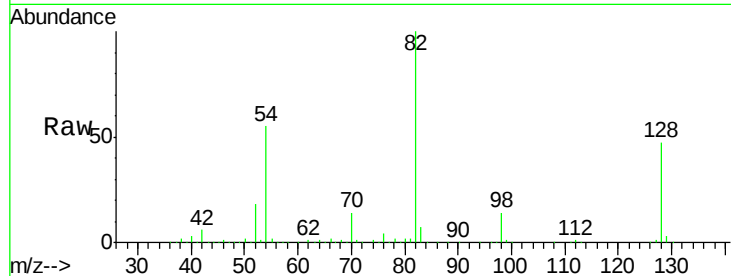




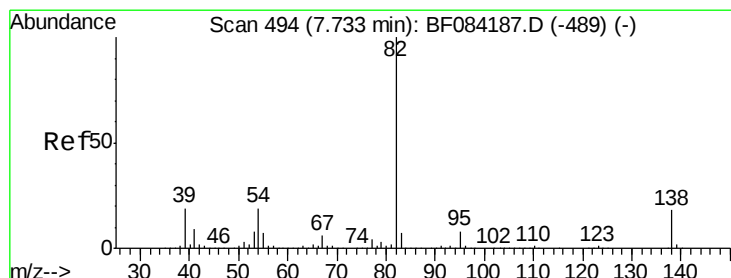
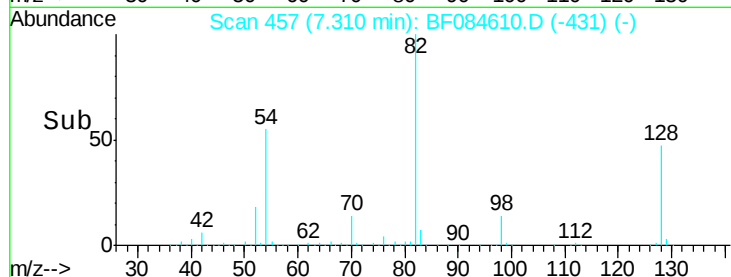
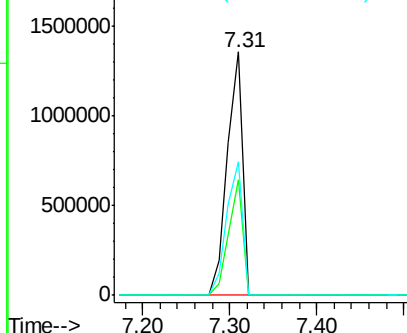
#23
Nitrobenzene-d5
Concen: 115.07 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1654710
Ion Ratio Lower Upper
82 100
128 47.4 34.6 51.8
54 54.8 38.4 57.6

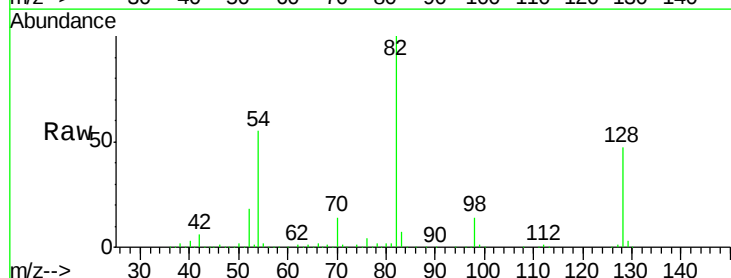


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

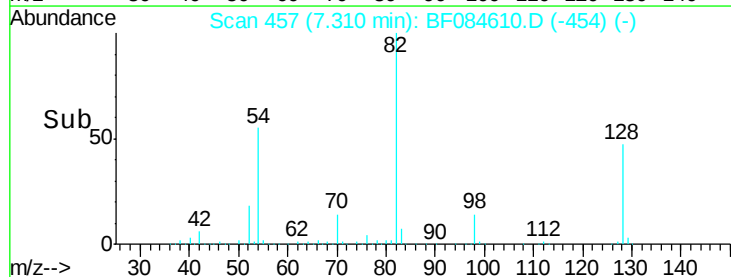
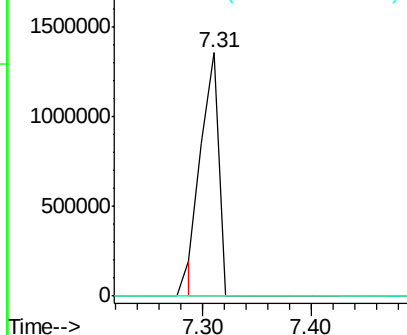


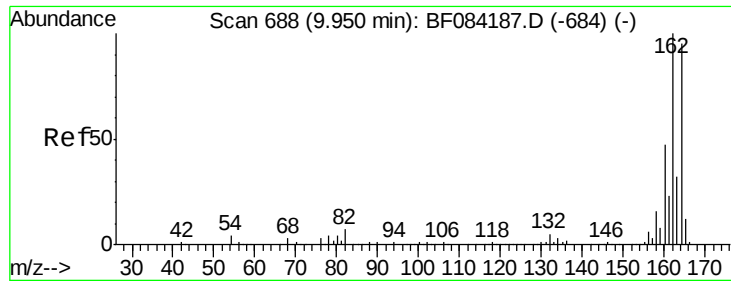
#25
Isophorone
Concen: 55.22 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.26 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

Tgt Ion: 82 Resp: 1518718
Ion Ratio Lower Upper
82 100
95 0.0 6.6 10.0#
138 0.0 13.6 20.4#



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

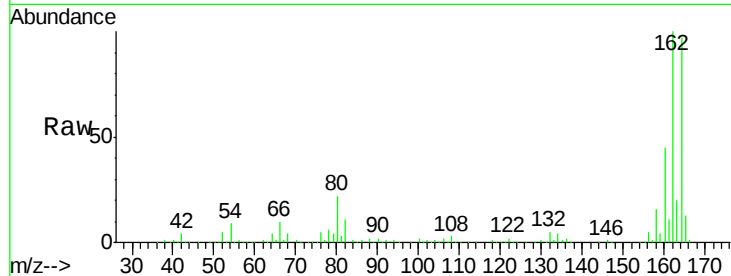




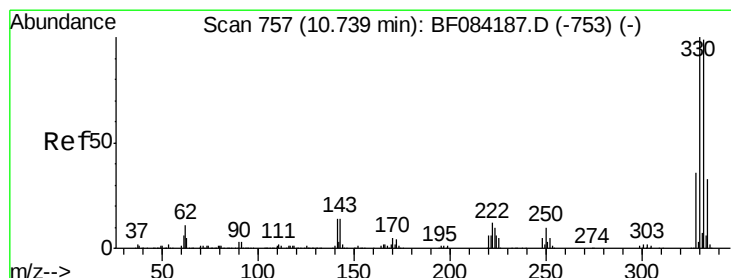
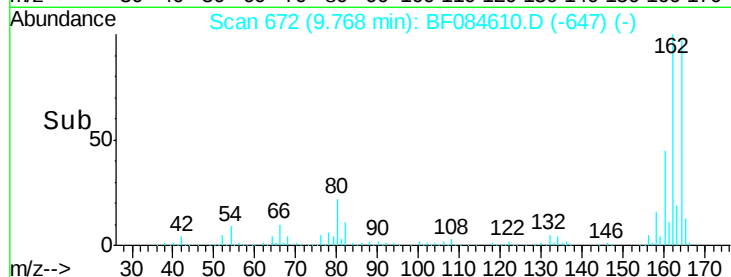
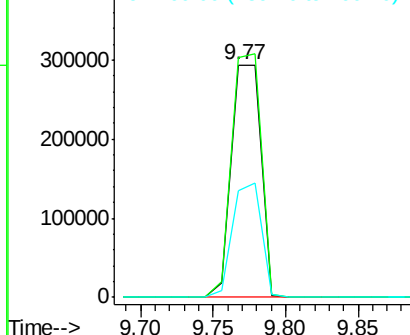
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF084610.D
 Acq: 25 Jan 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 417921
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.1 127.7
 160 46.0 37.5 56.3

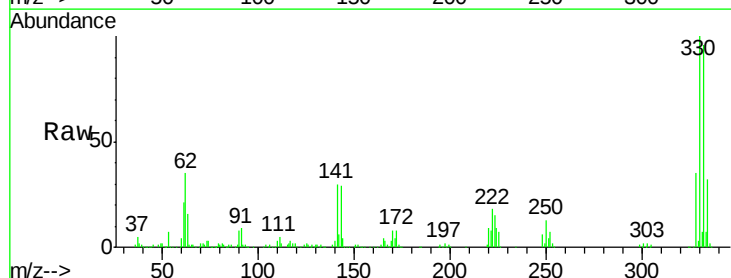


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

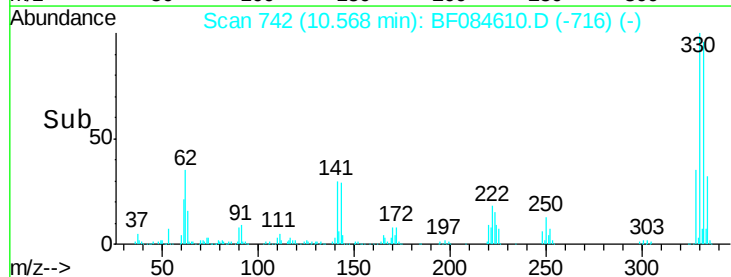
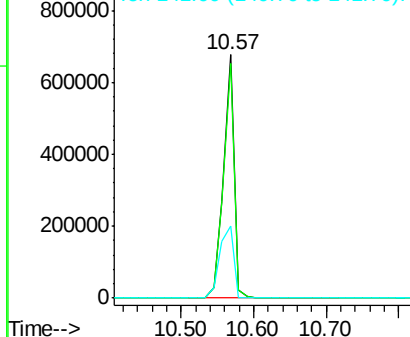


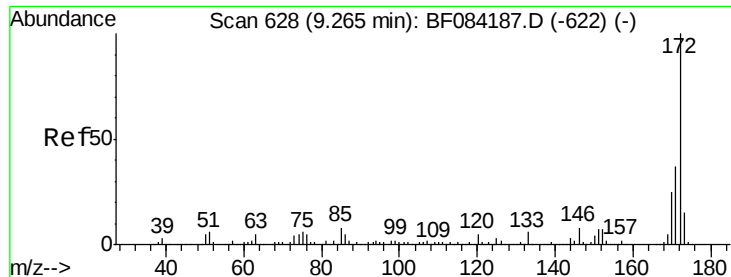
#41
 2,4,6-Tribromophenol
 Concen: 164.80 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084610.D
 Acq: 25 Jan 2016 16:36

Tgt Ion:330 Resp: 695339
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 38.8 27.8 41.6



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



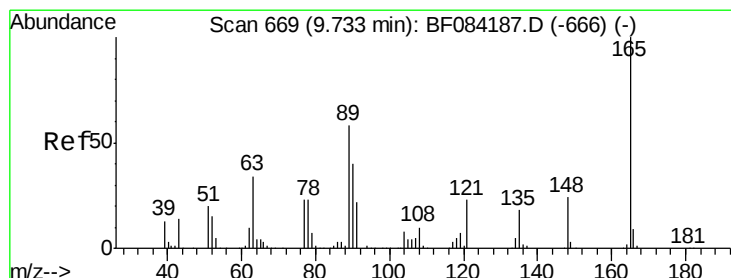
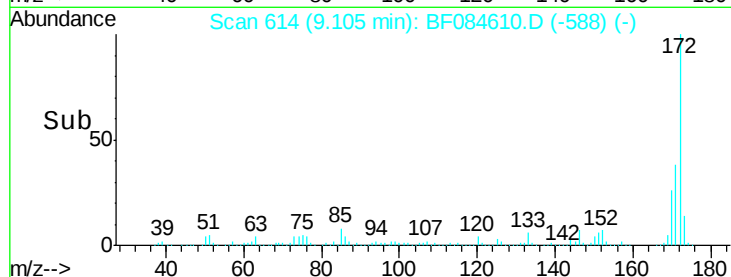
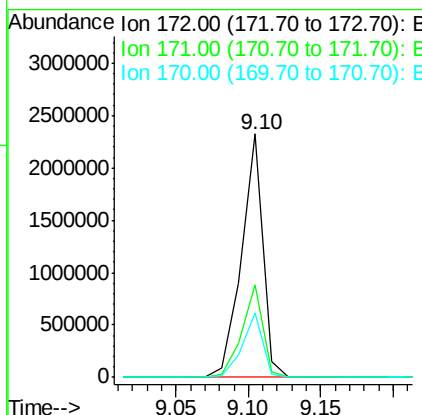
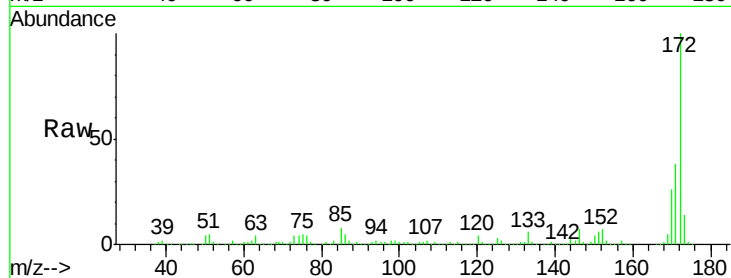


#44
 2-Fluorobiphenyl
 Concen: 101.48 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084610.D
 Acq: 25 Jan 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2381730

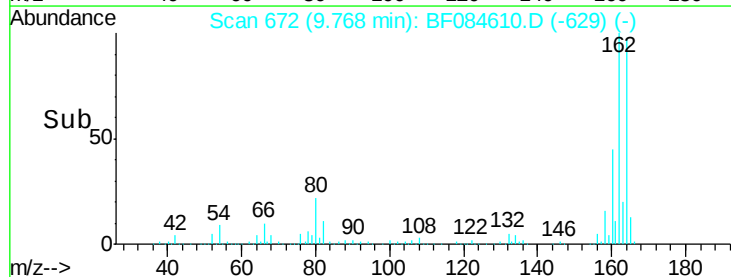
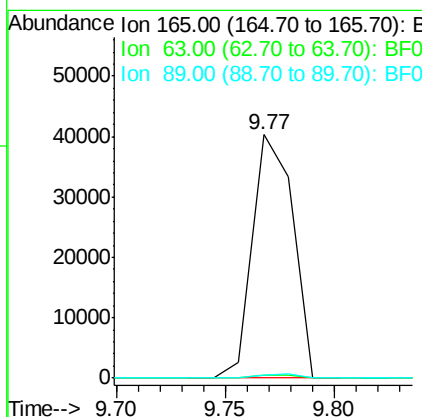
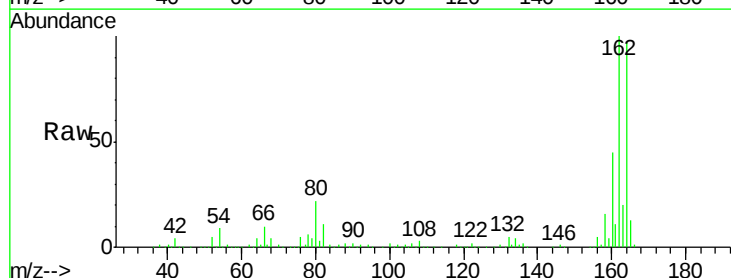
Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.9	43.3
170	26.4	18.6	27.8

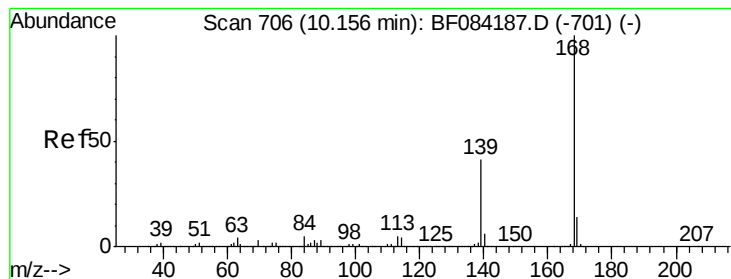


#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF084610.D
 Acq: 25 Jan 2016 16:36

Tgt Ion:165 Resp: 52304

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.4	35.1	52.7#





#54

Dibenzenofuran

Concen: Below Cal

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084610.D

Acq: 25 Jan 2016 16:36

Instrument :

BNA_F

ClientSampleId :

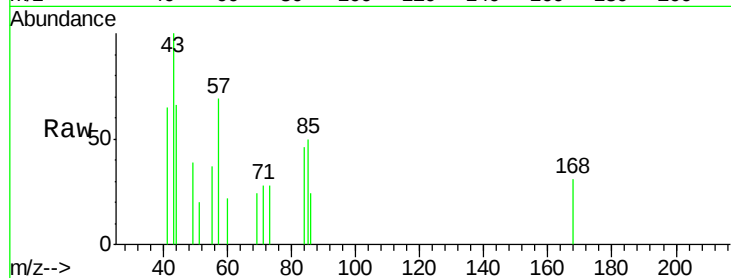
Tot Ion:168 Resp: 331

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

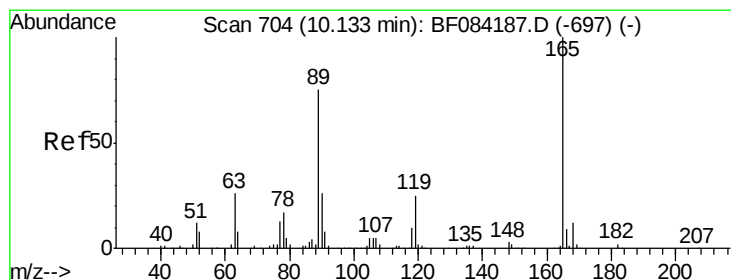
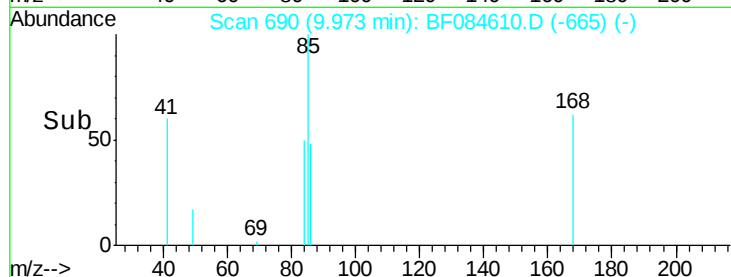
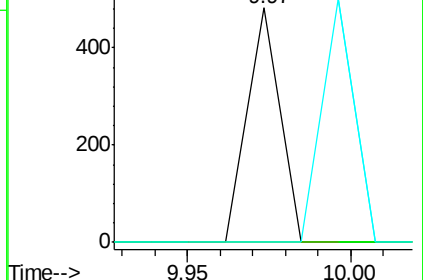
169 0.0 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 6.31 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF084610.D

Acq: 25 Jan 2016 16:36

Tgt Ion:165 Resp: 52304

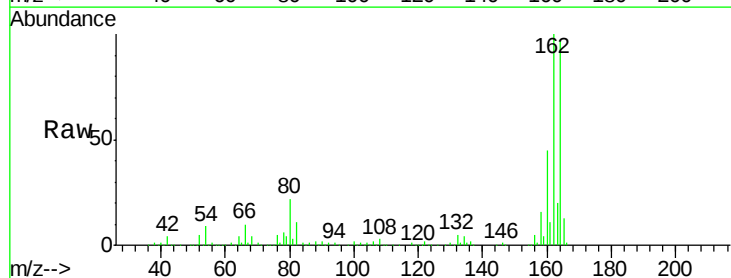
Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.4 61.9 92.9#

182 0.0 2.0 3.0#

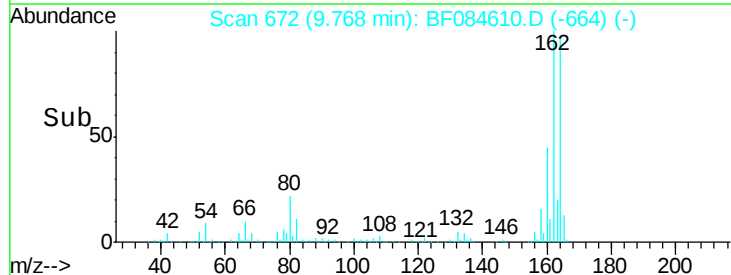
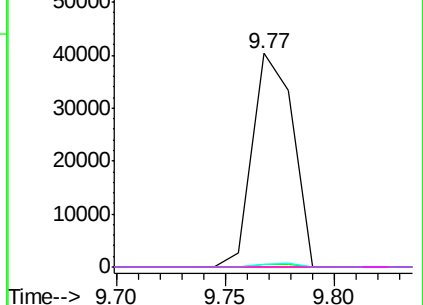


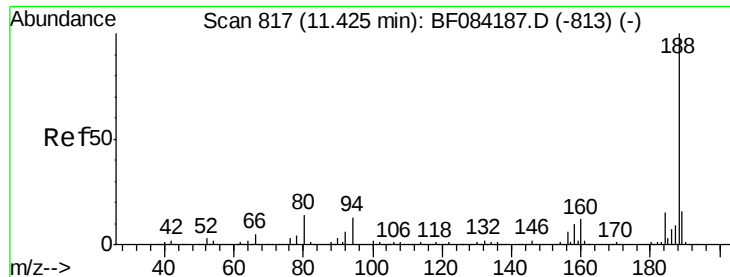
Abundance Ion 165.00 (164.70 to 165.70): E

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

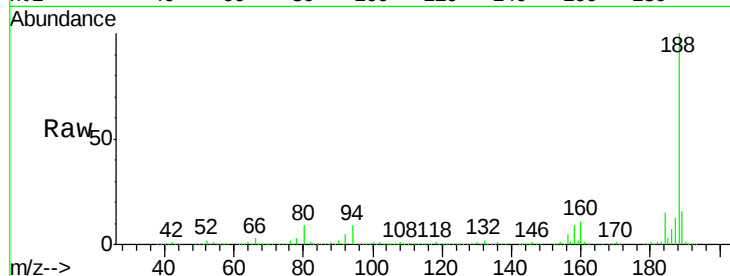




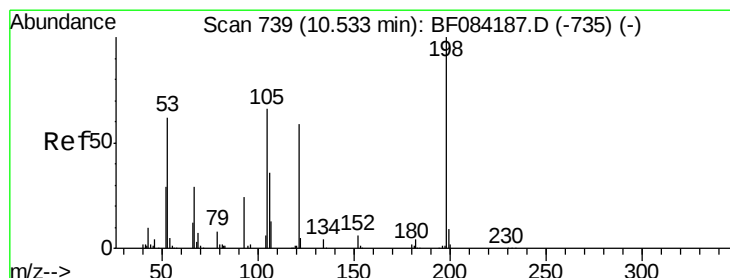
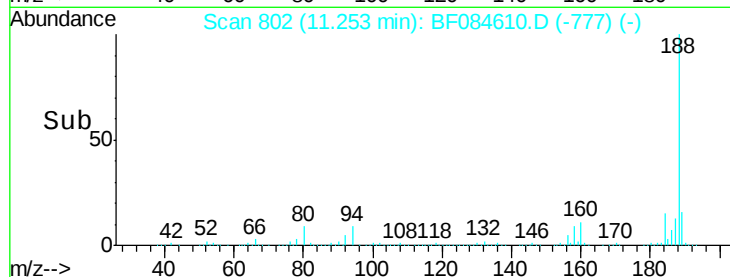
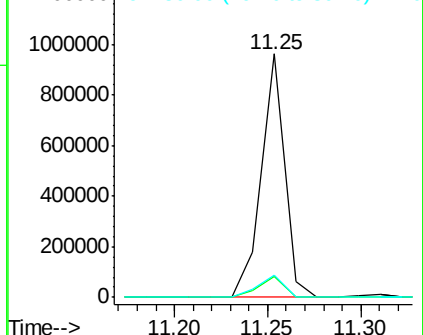
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 829546
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.4#
80 9.2 9.6 14.4#

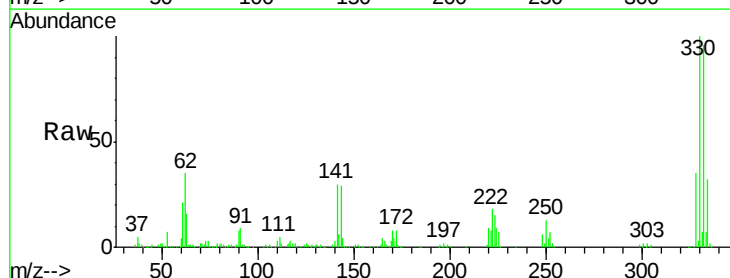


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

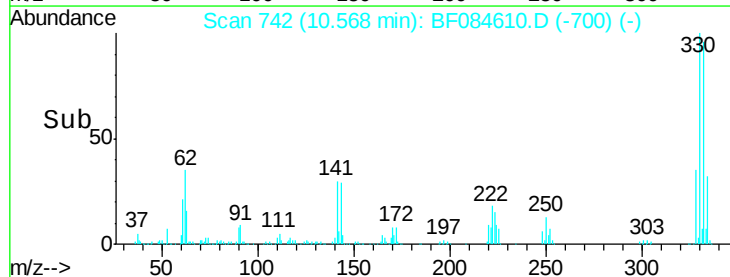
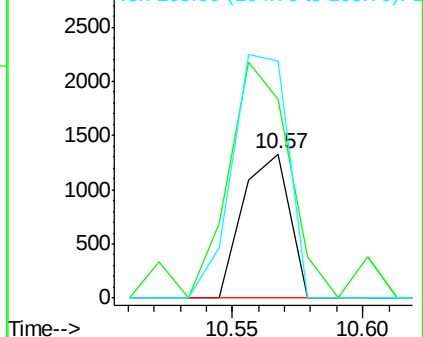


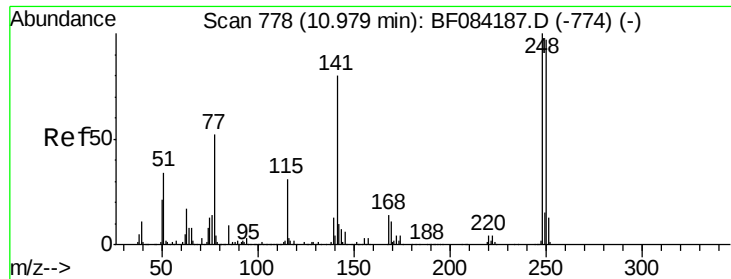
#64
4,6-Dinitro-2-methylphenol
Concen: 6.66 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.18 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

Tgt Ion:198 Resp: 1659
Ion Ratio Lower Upper
198 100
51 137.6 18.9 58.9#
105 164.0 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

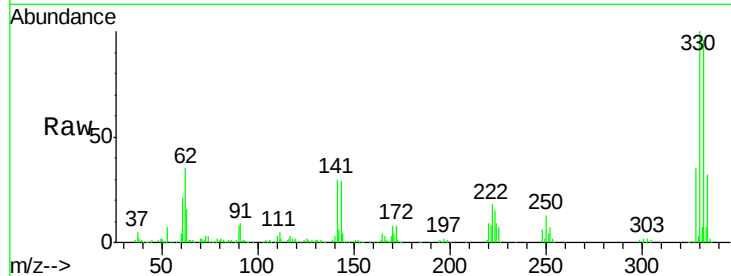




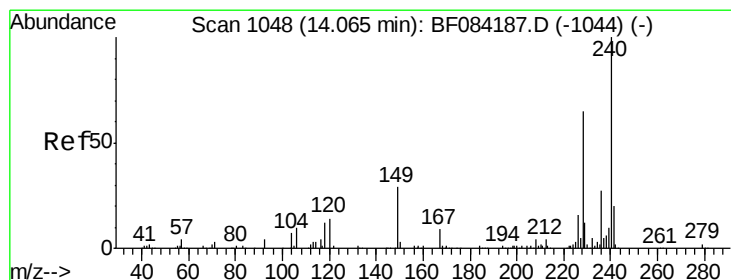
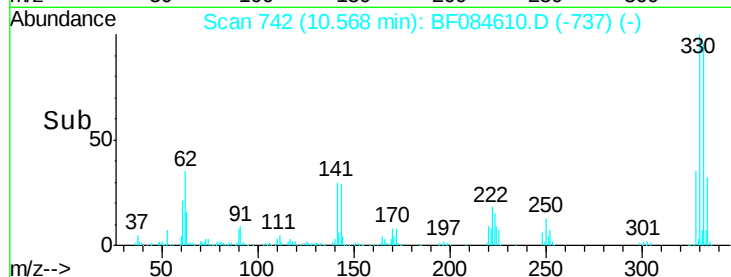
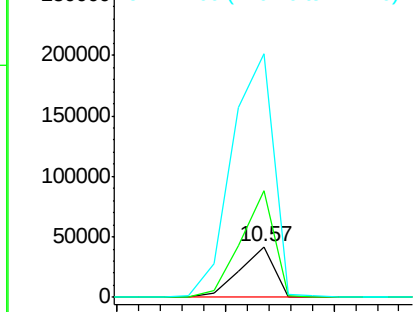
#66
4-Bromophenyl-phenylether
Concen: 5.22 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 46588
Ion Ratio Lower Upper
248 100
250 210.0 78.4 117.6#
141 478.9 44.0 66.0#

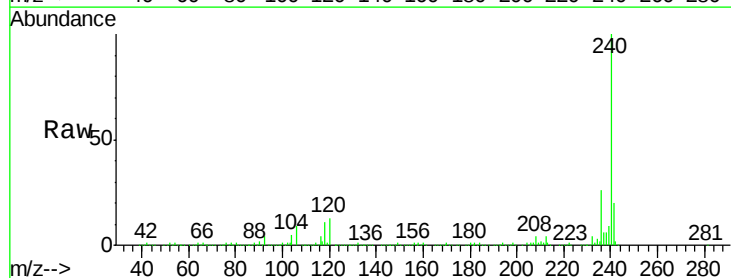


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

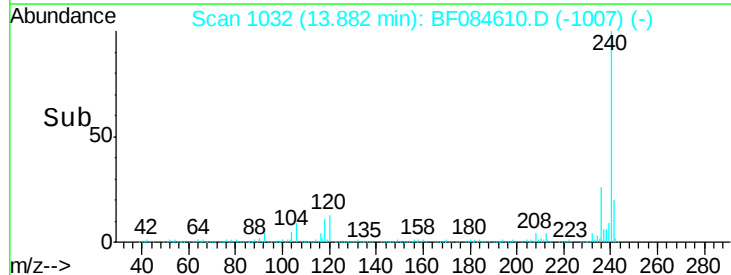
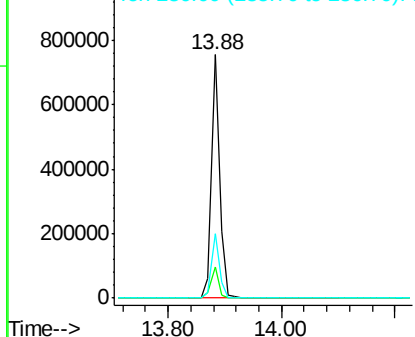


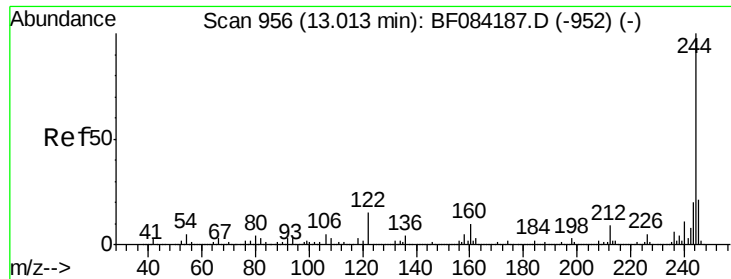
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF084610.D
Acq: 25 Jan 2016 16:36

Tgt Ion:240 Resp: 720522
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.5 20.6 31.0



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

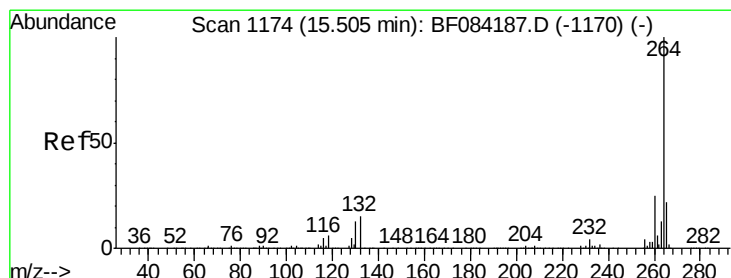
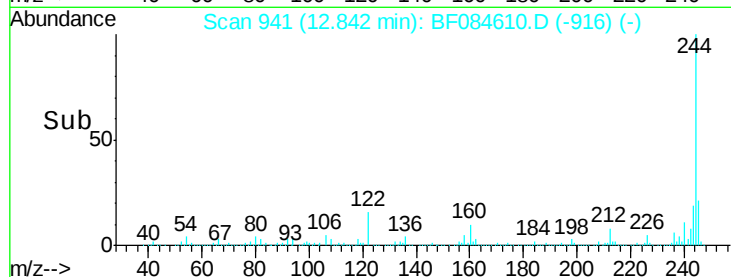
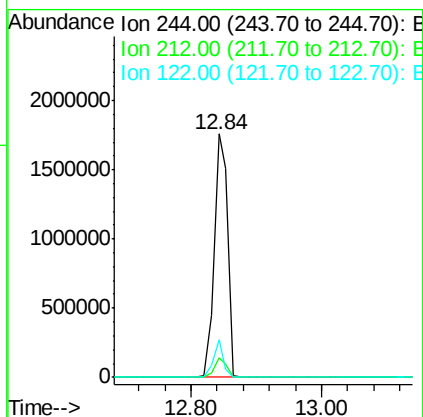
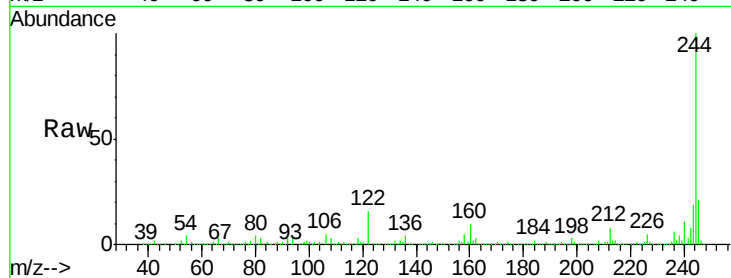




#78
 Terphenyl-d14
 Concen: 79.98 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084610.D
 Acq: 25 Jan 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2581698
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 15.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084610.D
 Acq: 25 Jan 2016 16:36

Tgt Ion:264 Resp: 557287
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.0 17.8 26.6

