

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
 Data File : BF087982.D
 Acq On : 13 Jun 2016 14:37
 Operator : UM/SJ
 Sample : H3449-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19-VE-PILE-WALL(0-2)

Quant Time: Jun 13 15:00:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116621	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	492060	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	216018	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	368460	20.00	ng	0.00
75) Chrysene-d12	13.94	240	243674	20.00	ng	-0.01
86) Perylene-d12	15.36	264	232365	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	797631	116.92	ng	0.01
7) Phenol-d6	6.43	99	900230	108.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	558405	66.27	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	217897	95.53	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1016284	73.13	ng	0.00
78) Terphenyl-d14	12.90	244	673680	62.91	ng	0.00

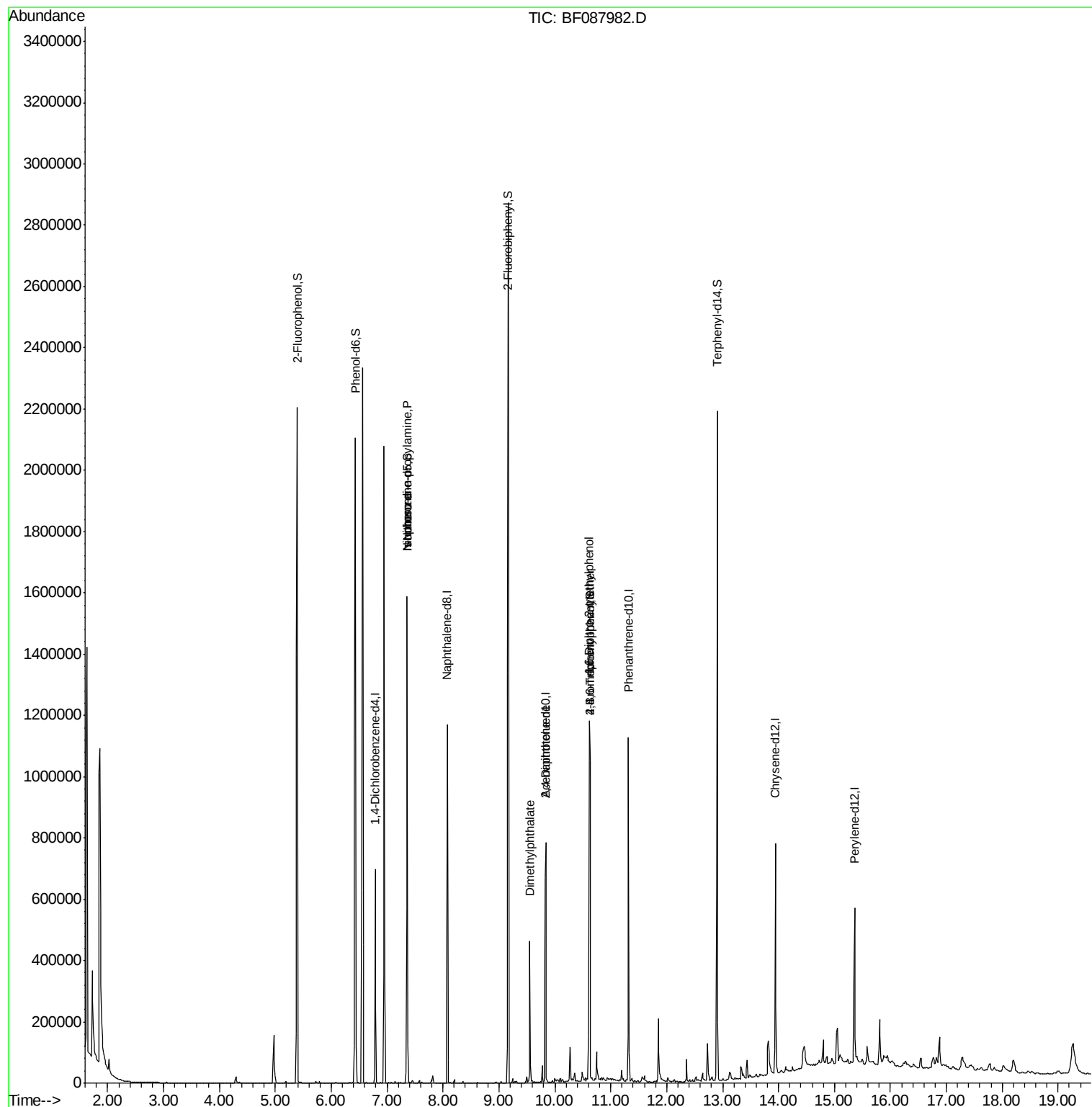
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	7793	Below Cal		90
19) n-Nitroso-di-n-propylamine	7.36	70	72884	13.78 ng	#	72
25) Isophorone	7.36	82	411030	26.33 ng	#	65
45) 1,1'-Biphenyl	9.16	154	1998	Below Cal	#	1
49) Dimethylphthalate	9.55	163	171590	10.97 ng		99
56) 2,4-Dinitrotoluene	9.84	165	27599	5.99 ng	#	38
57) Fluorene	10.62	166	10642	Below Cal	#	86
64) 4,6-Dinitro-2-methylphenol	10.62	198	485	2.36 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	14151	3.58 ng	#	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF087982.D

Acq: 13 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

19-VE-PILE-WALL(0-2)

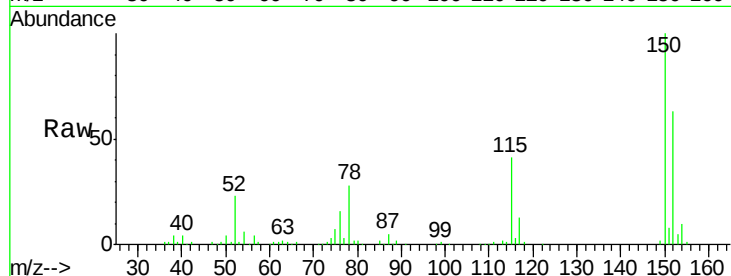
Tgt Ion:152 Resp: 116621

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

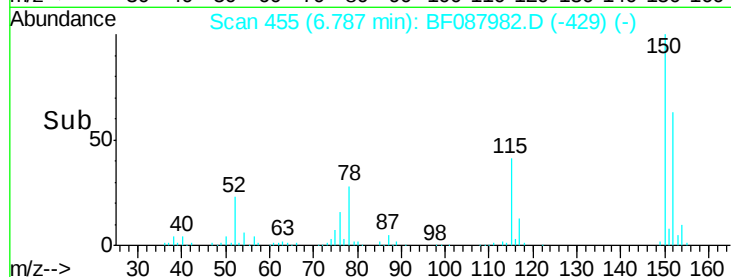
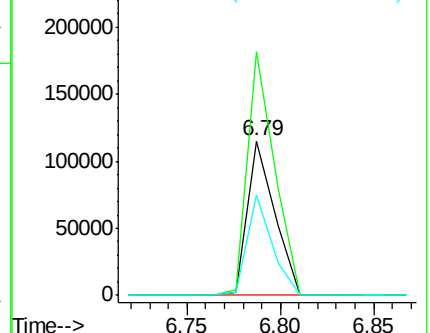
115 65.4 39.6 59.4#



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: 116.92 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF087982.D

Acq: 13 Jun 2016 14:37

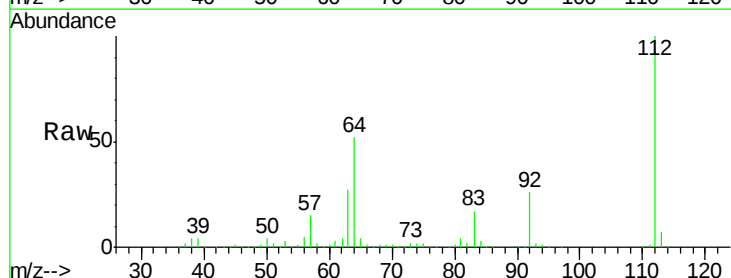
Tgt Ion:112 Resp: 797631

Ion Ratio Lower Upper

112 100

64 52.0 42.2 63.2

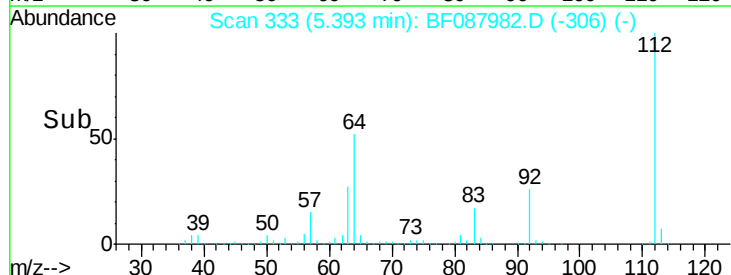
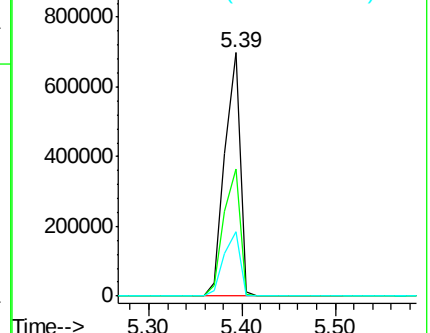
63 26.5 21.8 32.8



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: 108.89 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF087982.D

Acq: 13 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

19-VE-PILE-WALL(0-2)

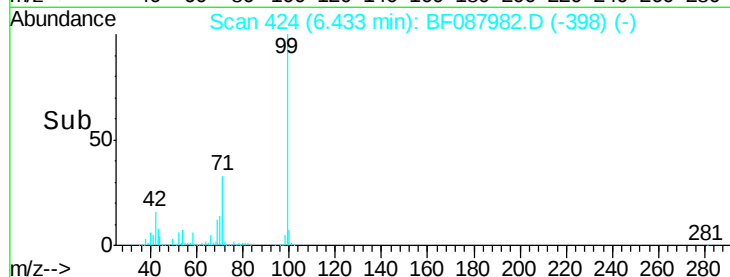
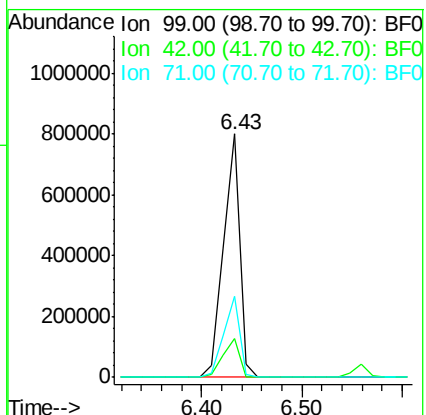
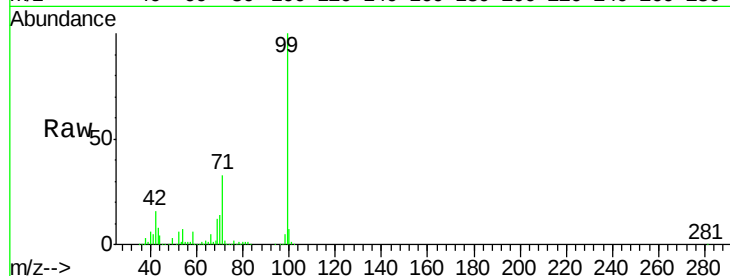
Tgt Ion: 99 Resp: 900230

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.2

71 33.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.78 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.14 min

Lab File: BF087982.D

Acq: 13 Jun 2016 14:37

Tgt Ion: 70 Resp: 72884

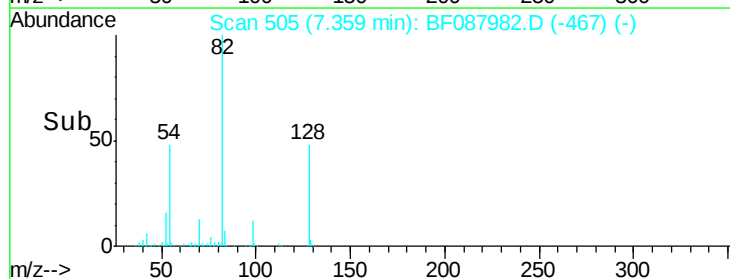
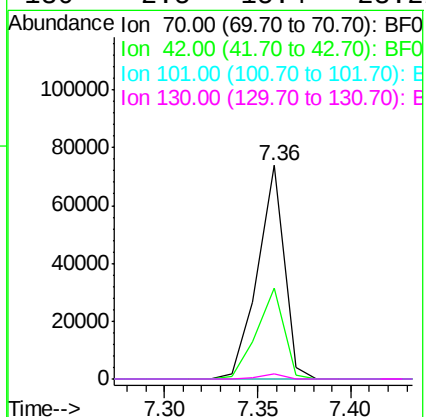
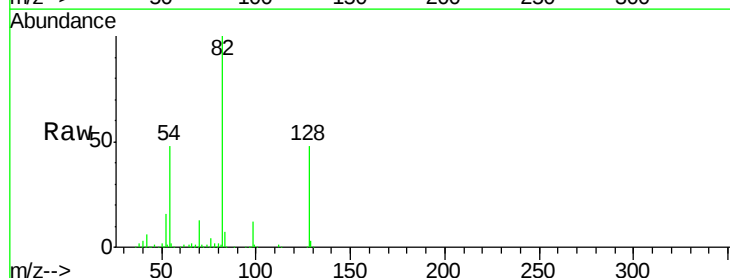
Ion Ratio Lower Upper

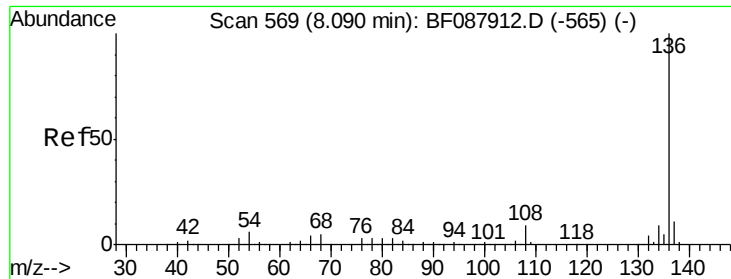
70 100

42 42.4 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

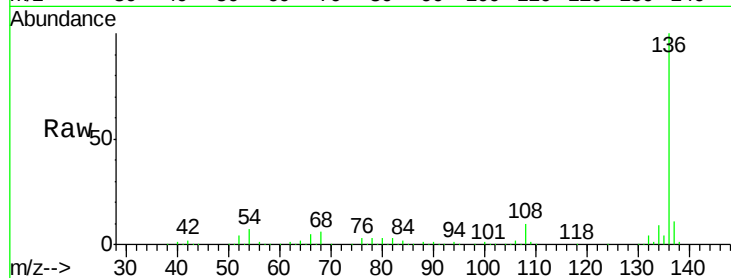




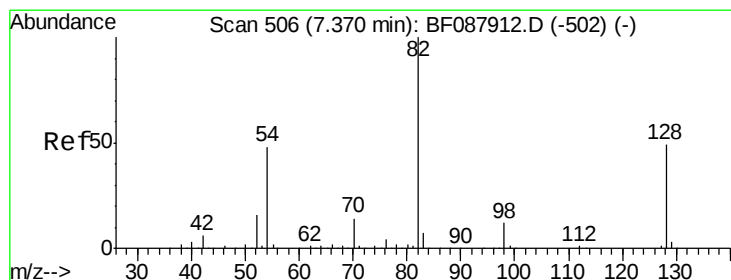
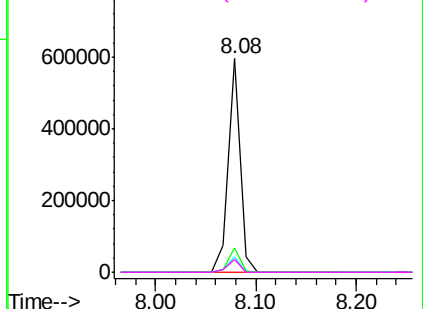
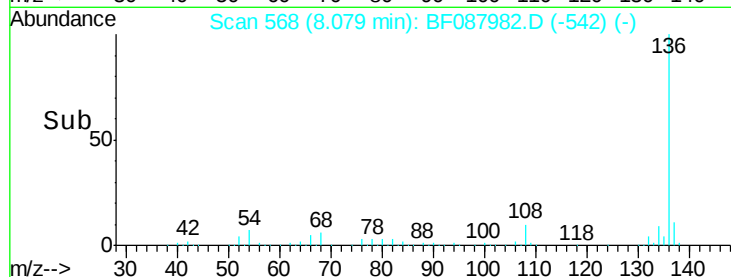
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

Instrument :
BNA_F
ClientSampleId :
19-VE-PILE-WALL(0-2)

Tgt Ion:	136	Resp:	492060
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.5	6.6	10.0
68	6.2	5.1	7.7

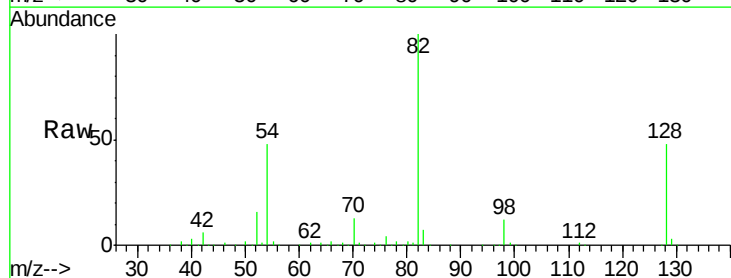


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

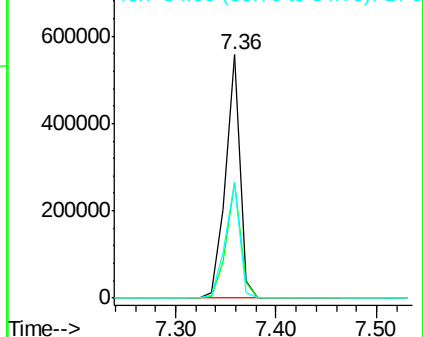
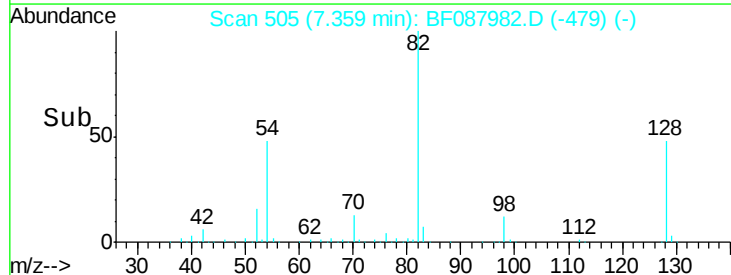


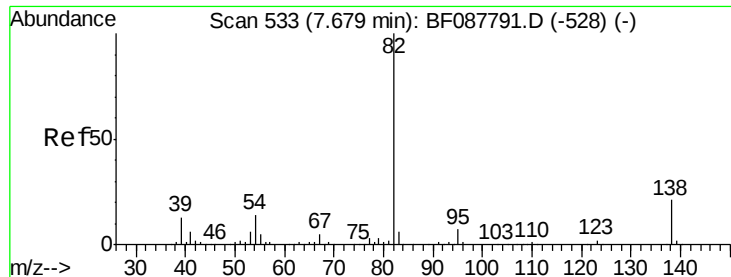
#23
Nitrobenzene-d5
Concen: 66.27 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

Tgt Ion:	82	Resp:	558405
Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.9	53.9
54	47.7	40.9	61.3



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

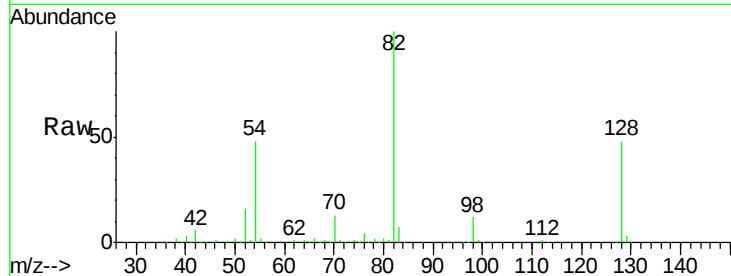




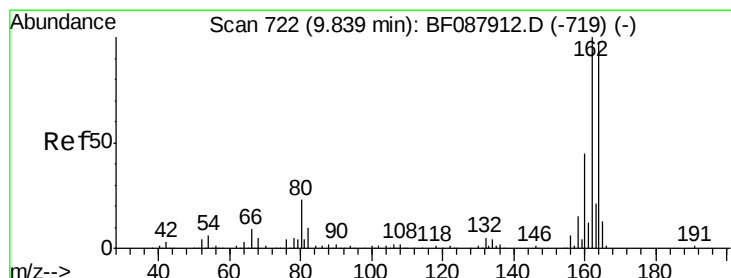
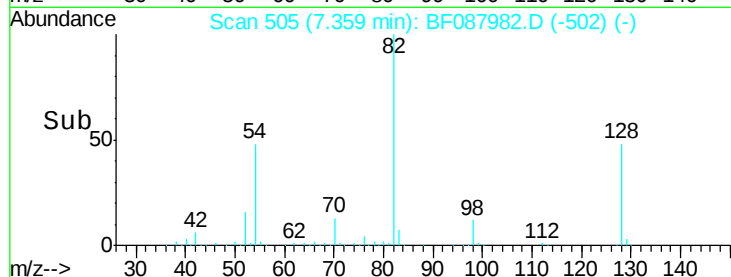
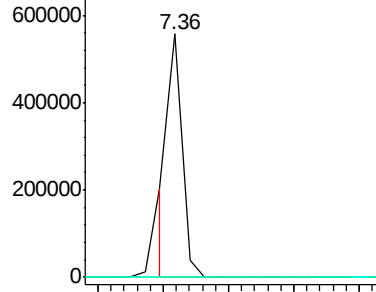
#25
Isophorone
Concen: 26.33 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.26 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

Instrument :
BNA_F
ClientSampleId :
19-VE-PILE-WALL(0-2)

Tgt Ion: 82 Resp: 411030
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#

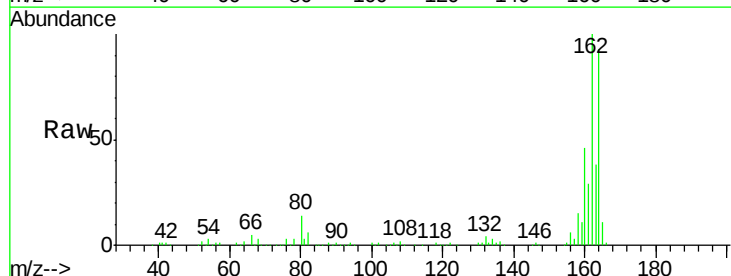


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

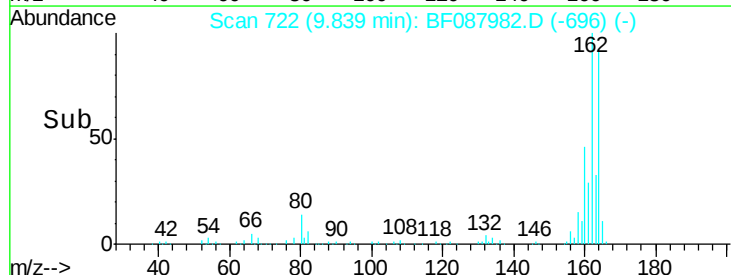
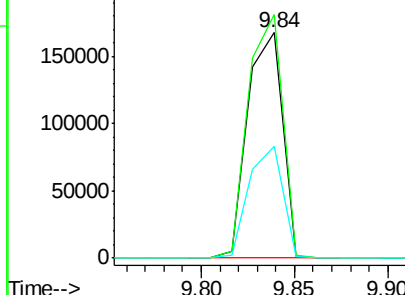


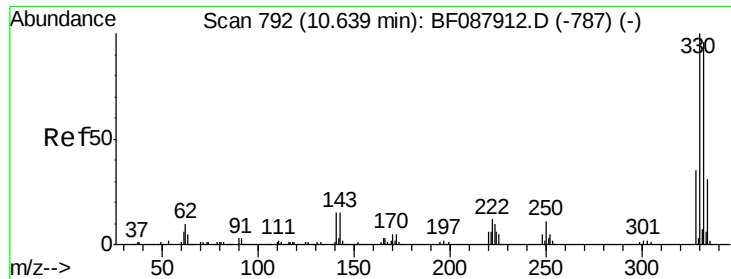
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

Tgt Ion: 164 Resp: 216018
Ion Ratio Lower Upper
164 100
162 108.1 85.4 128.2
160 49.4 39.5 59.3



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

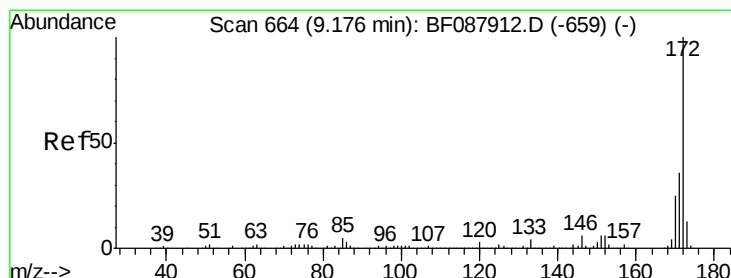
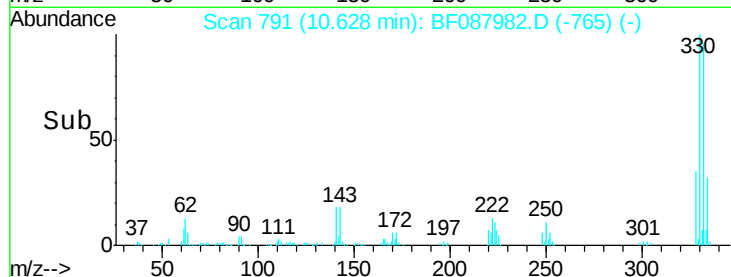
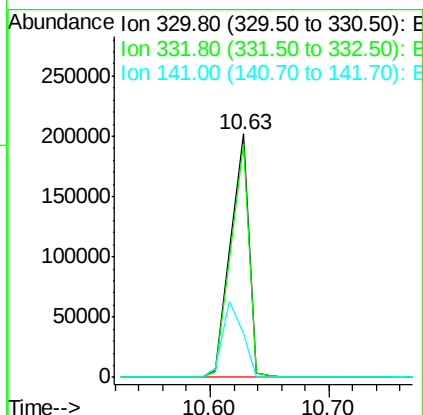
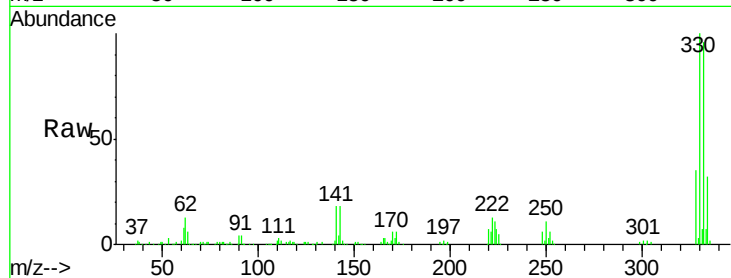




#41
 2,4,6-Tribromophenol
 Concen: 95.53 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

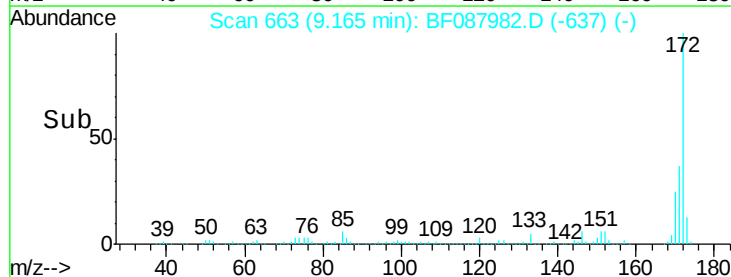
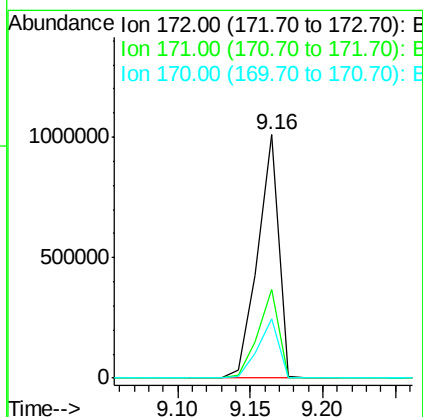
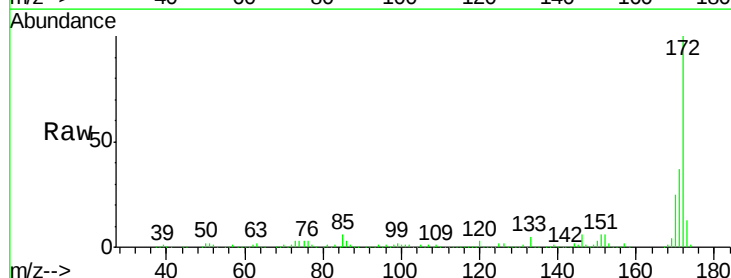
Instrument :
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 19-VE-PILE-WALL(0-2)

Tgt Ion:330 Resp: 217897
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 33.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 73.13 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

Tgt Ion:172 Resp: 1016284
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.5 19.2 28.8

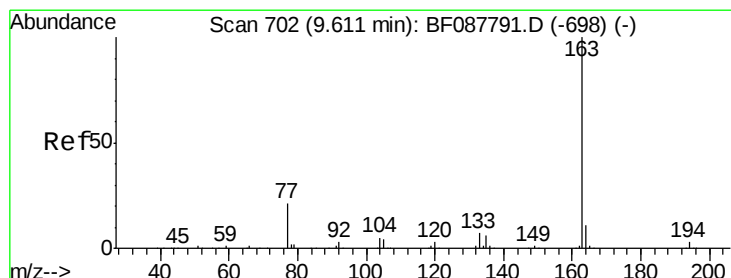
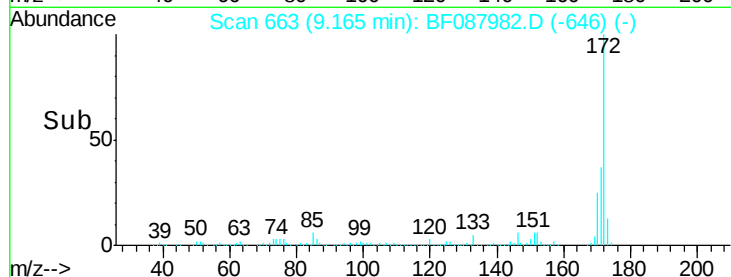
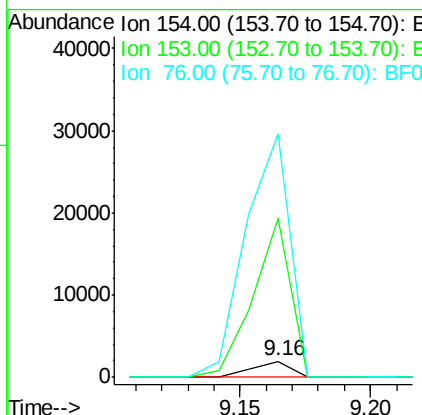
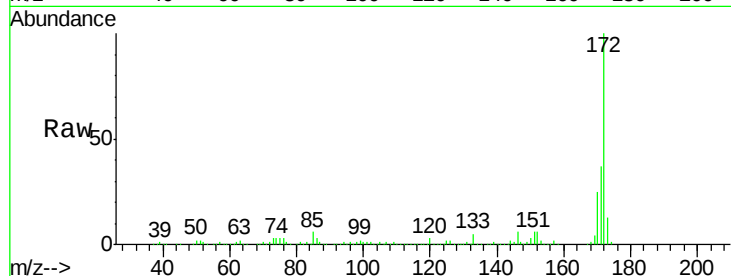




#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.16 min Scan# 663
 Delta R.T. -0.10 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

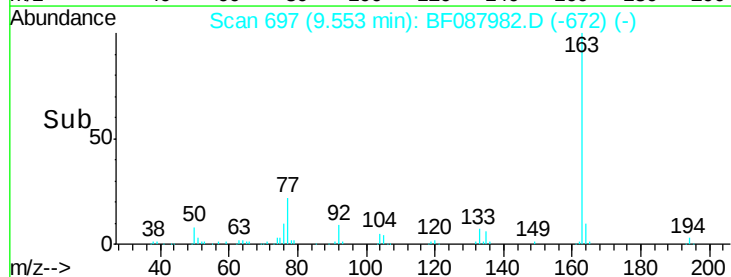
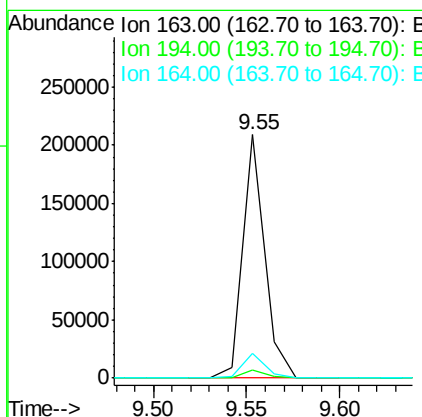
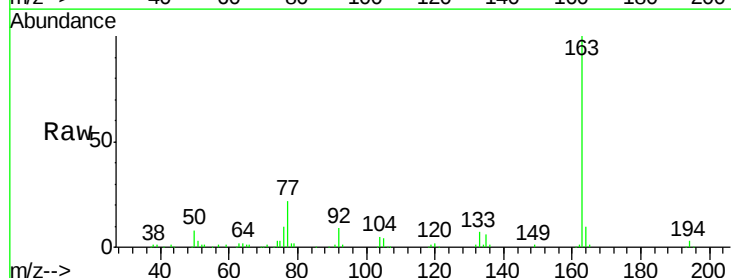
Instrument :
 BNA_F
 ClientSampleId :
 19-VE-PILE-WALL(0-2)

Tgt Ion:154 Resp: 1998
 Ion Ratio Lower Upper
 154 100
 153 989.5 20.6 60.6#
 76 1509.1 0.0 35.1#



#49
 Dimethylphthalate
 Concen: 10.97 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

Tgt Ion:163 Resp: 171590
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.2 8.3 12.5

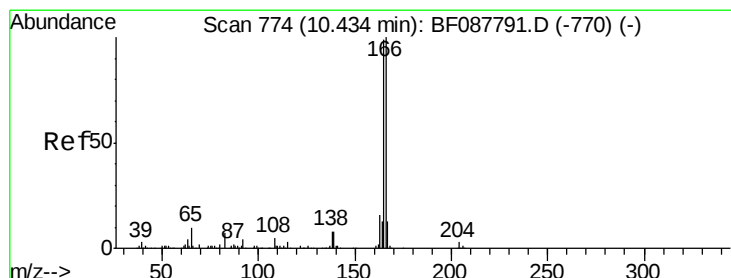
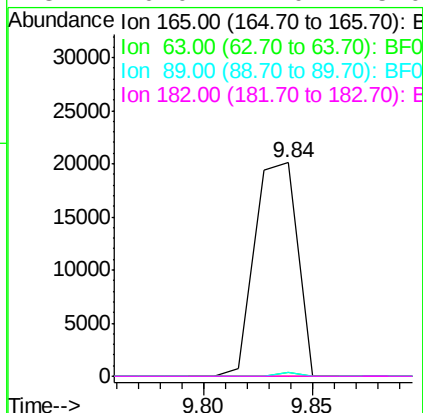
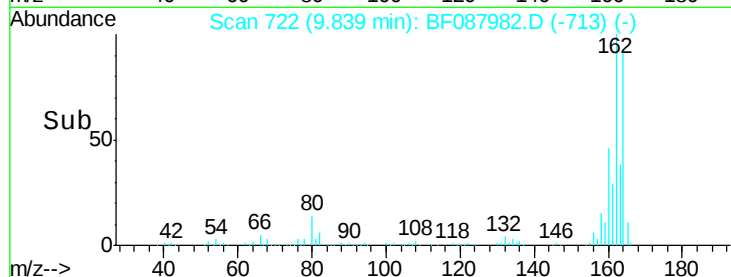
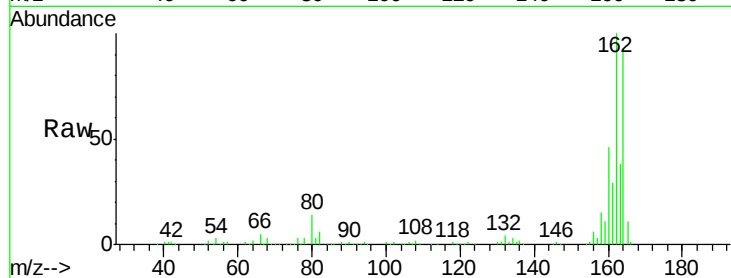




#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

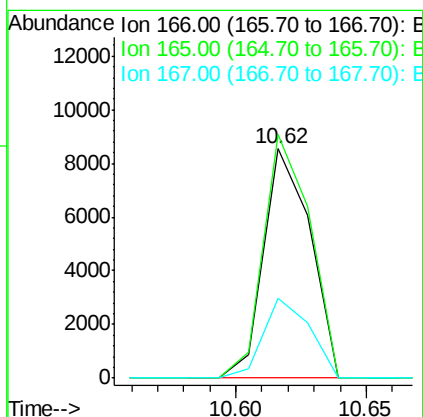
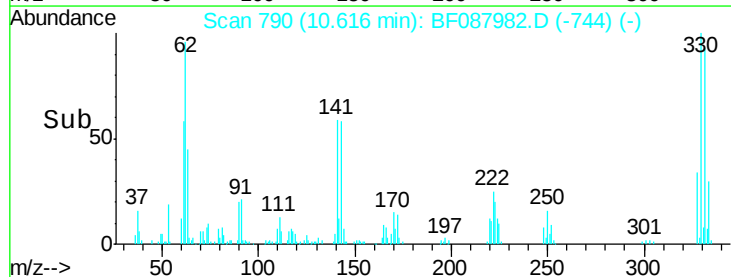
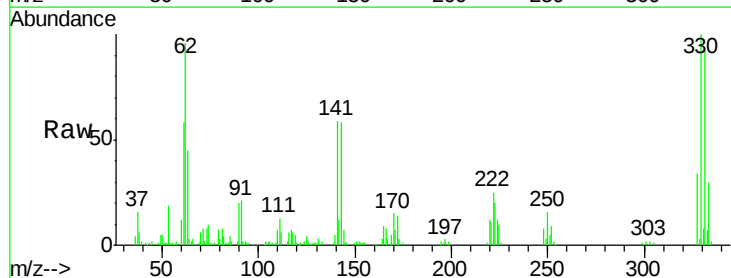
Instrument :
BNA_F
ClientSampleId :
19-VE-PILE-WALL(0-2)

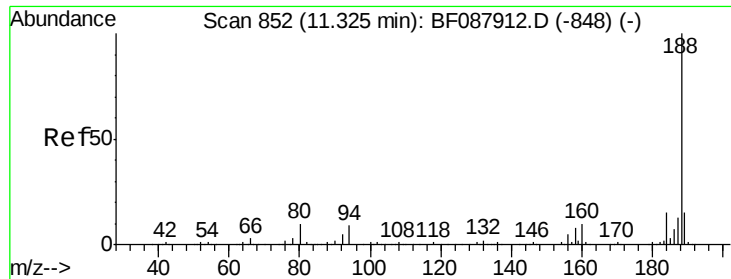
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	2.0	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.62 min Scan# 790
Delta R.T. 0.23 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.2	77.8	116.8
167	34.8	11.2	16.8#

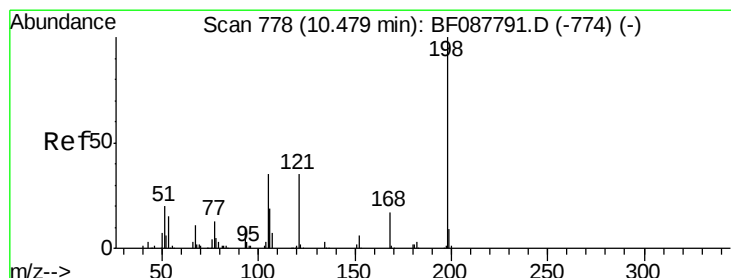
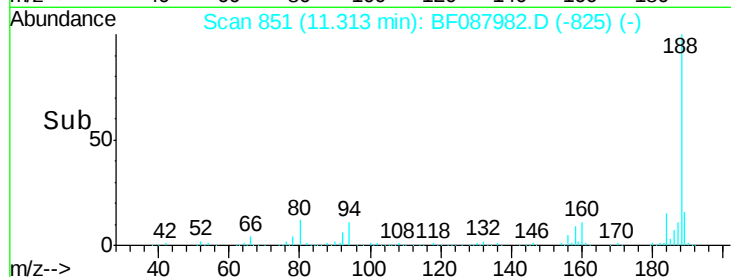
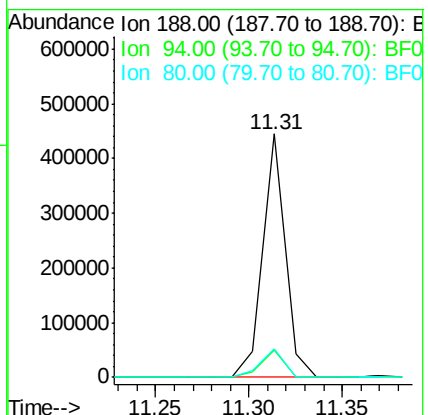
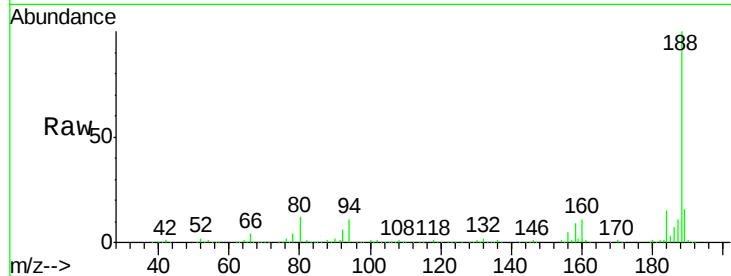




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

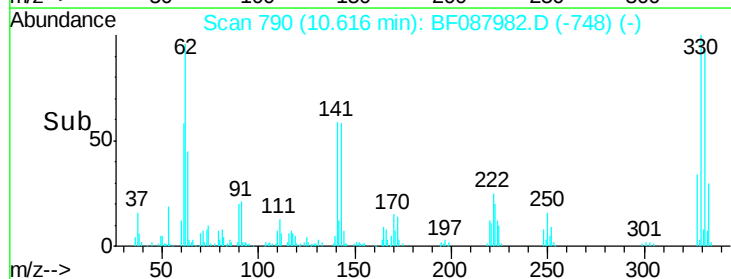
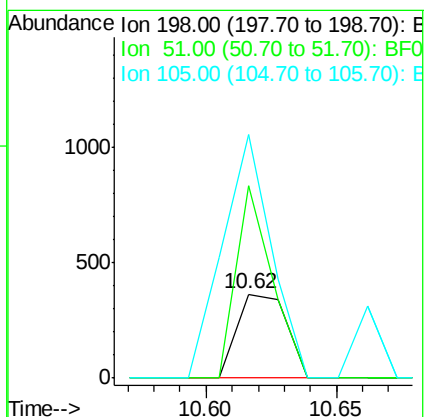
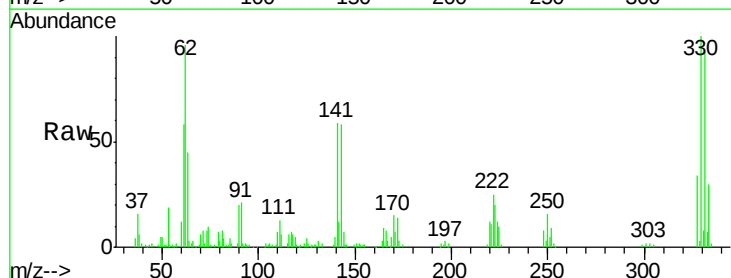
Instrument :
BNA_F
ClientSampleId :
19-VE-PILE-WALL(0-2)

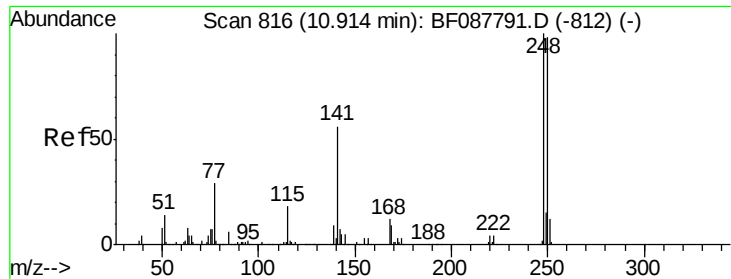
Tgt Ion:188 Resp: 368460
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 11.5 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 2.36 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.18 min
Lab File: BF087982.D
Acq: 13 Jun 2016 14:37

Tgt Ion:198 Resp: 485
Ion Ratio Lower Upper
198 100
51 229.0 39.6 79.6#
105 289.6 36.6 76.6#

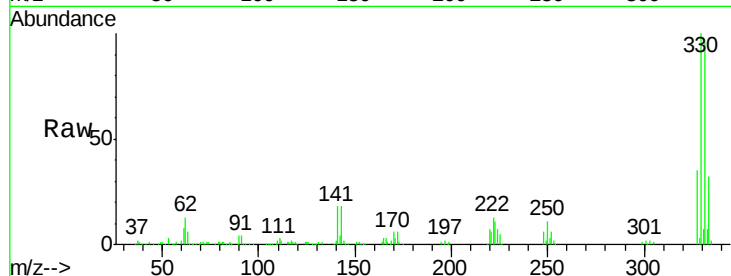




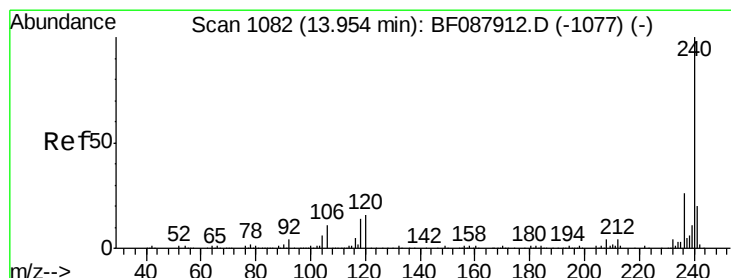
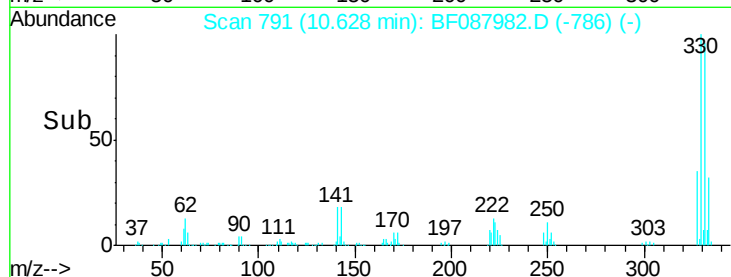
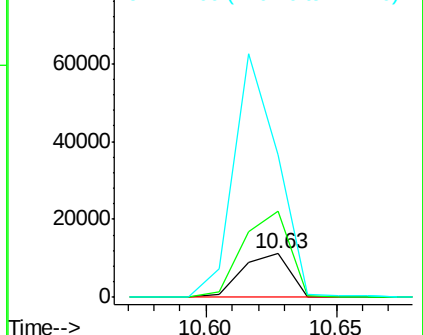
#66
 4-Bromophenyl-phenylether
 Concen: 3.58 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.24 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 19-VE-PILE-WALL(0-2)

Tgt Ion:248 Resp: 14151
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.1 115.7#
 141 325.9 50.6 76.0#

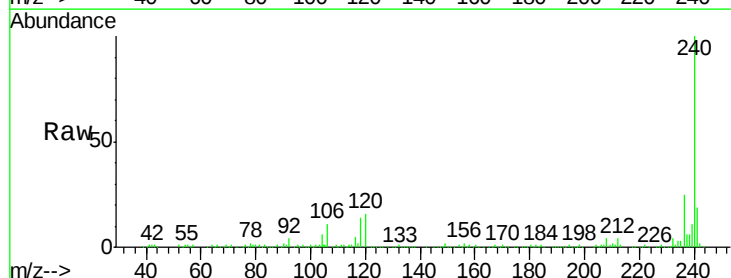


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

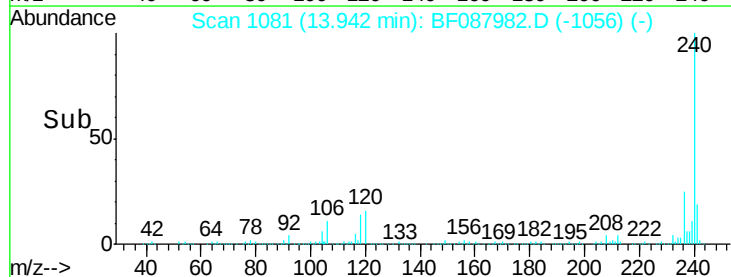
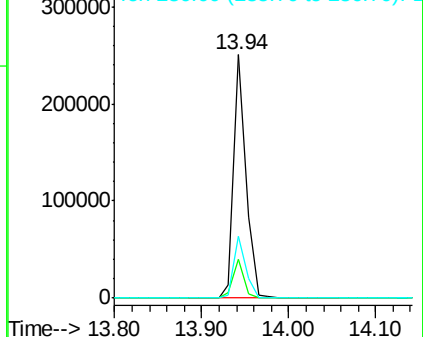


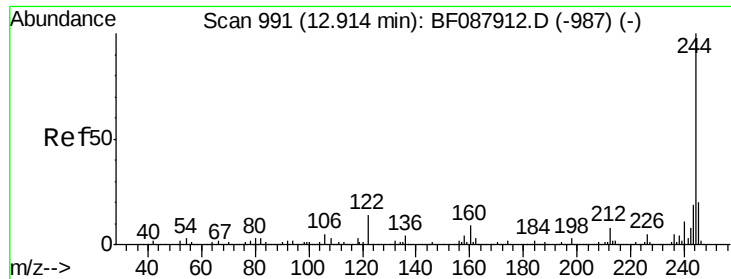
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

Tgt Ion:240 Resp: 243674
 Ion Ratio Lower Upper
 240 100
 120 16.1 6.8 10.2#
 236 25.2 20.2 30.2



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

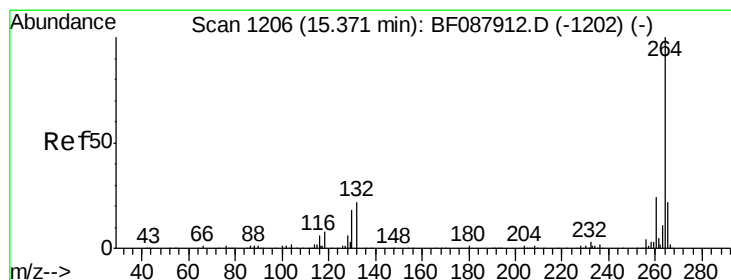
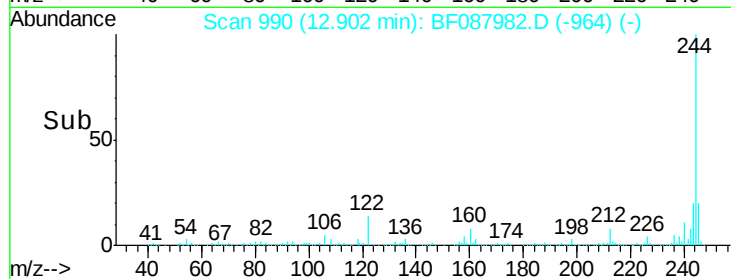
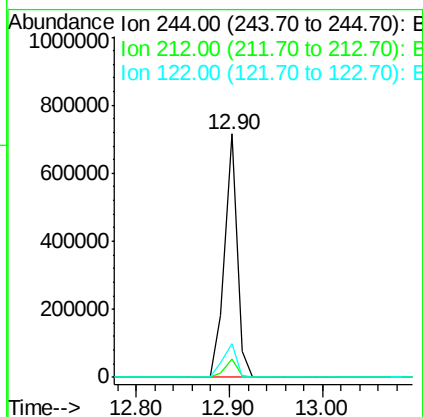
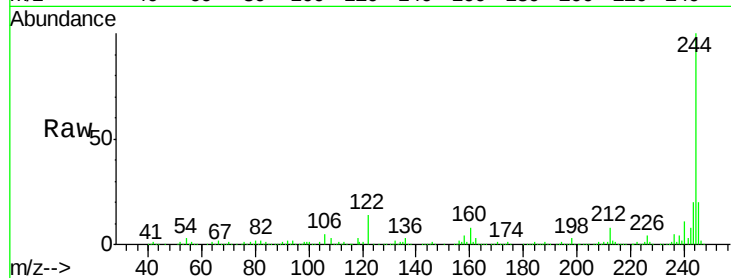




#78
 Terphenyl-d14
 Concen: 62.91 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 19-VE-PILE-WALL(0-2)

Tgt Ion:244 Resp: 673680
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 14.0 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF087982.D
 Acq: 13 Jun 2016 14:37

Tgt Ion:264 Resp: 232365
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 16.9 25.3

