

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088445.D
 Acq On : 27 Jun 2016 8:56
 Operator : UM/SJ
 Sample : H3698-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Quant Time: Jun 27 19:05:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:27:12 2016
 Response via : Initial Calibration

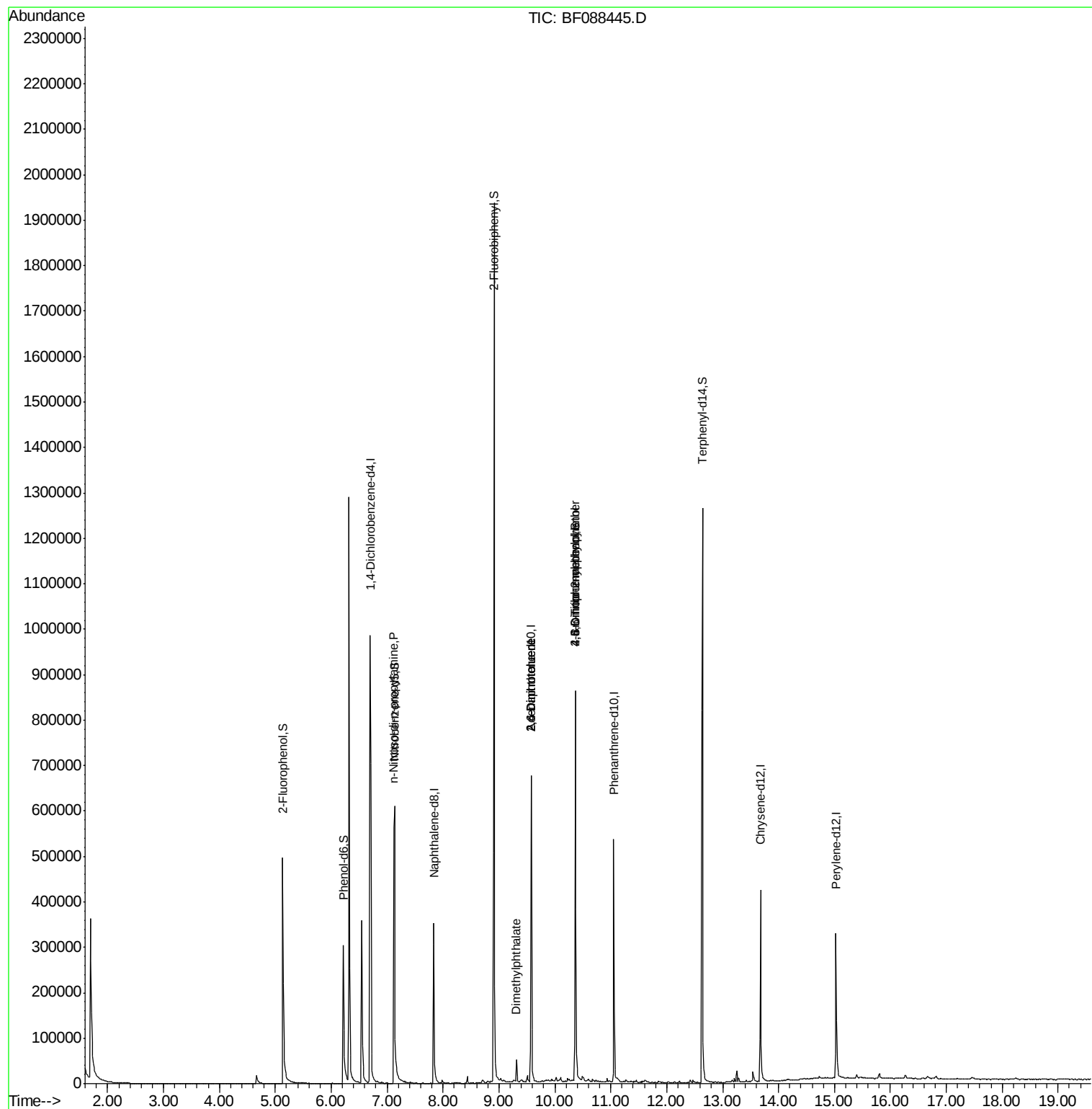
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	236196	20.00	ng	-0.15
21) Naphthalene-d8	7.84	136	287803	20.00	ng	-0.29
38) Acenaphthene-d10	9.58	164	133047	20.00	ng	-0.31
63) Phenanthrene-d10	11.05	188	220147	20.00	ng	-0.31
75) Chrysene-d12	13.68	240	163284	20.00	ng	-0.31
86) Perylene-d12	15.03	264	139828	20.00	ng	-0.37
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	240849	17.43	ng	-0.30
7) Phenol-d6	6.22	99	179581	10.72	ng	-0.26
23) Nitrobenzene-d5	7.13	82	373342	75.75	ng	-0.29
41) 2,4,6-Tribromophenol	10.36	330	132131	94.05	ng	-0.31
44) 2-Fluorobiphenyl	8.91	172	660394	77.49	ng	-0.30
78) Terphenyl-d14	12.64	244	535058	74.57	ng	-0.31
Target Compounds						
10) Phenol	6.32	94	579	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	47030	4.39	ng	# 72
45) 1,1'-Biphenyl	8.91	154	1202	Below Cal	#	1
49) Dimethylphthalate	9.31	163	21222	2.20	ng	# 98
50) 2,6-Dinitrotoluene	9.58	165	16488	7.47	ng	# 39
56) 2,4-Dinitrotoluene	9.58	165	16489	5.81	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.36	198	206	2.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.36	248	7673	3.25	ng	# 1

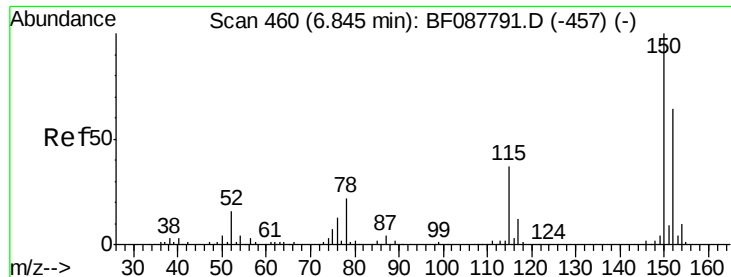
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088445.D
Acq On : 27 Jun 2016 8:56
Operator : UM/SJ
Sample : H3698-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-22

Quant Time: Jun 27 19:05:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 04:27:12 2016
Response via : Initial Calibration



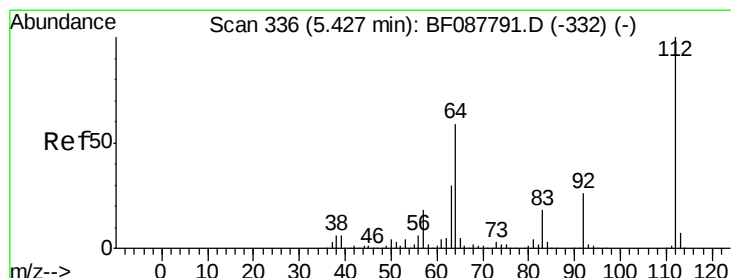
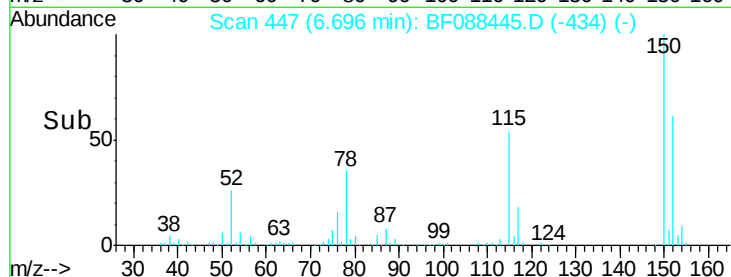
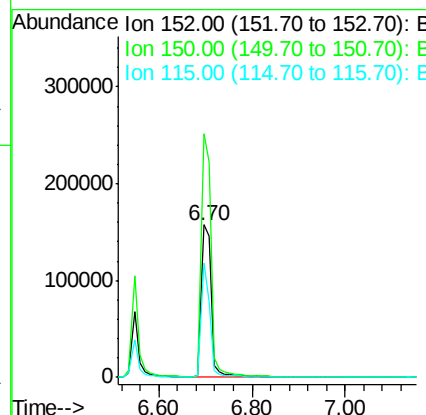
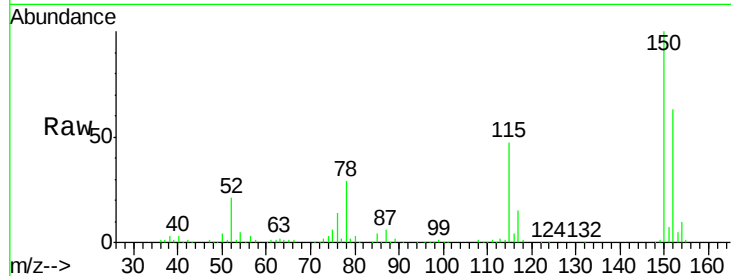


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.15 min
Lab File: BF088445.D
Acq: 27 Jun 2016 8:56

Instrument :
BNA_F
ClientSampleId :
W-22

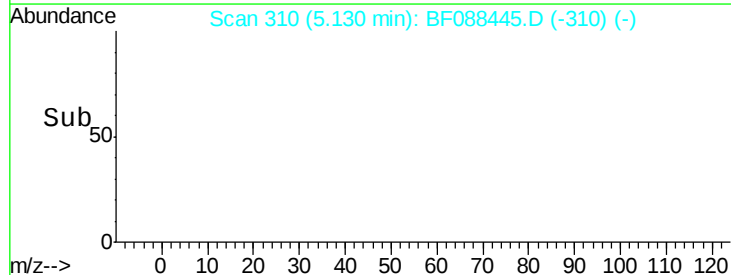
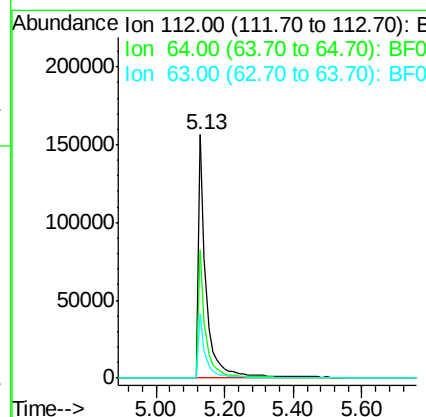
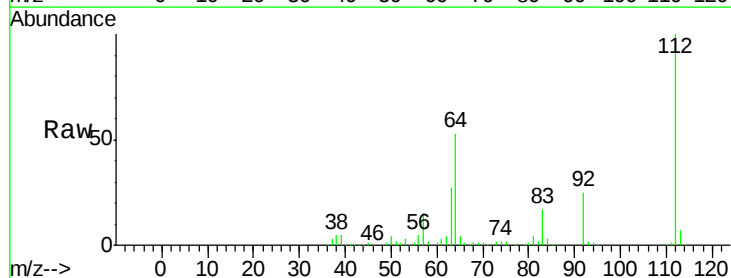
Tot Ion:152 Resp: 236196
Ion Ratio Lower Upper
152 100
150 160.0 123.8 185.6
115 75.5 39.6 59.4#

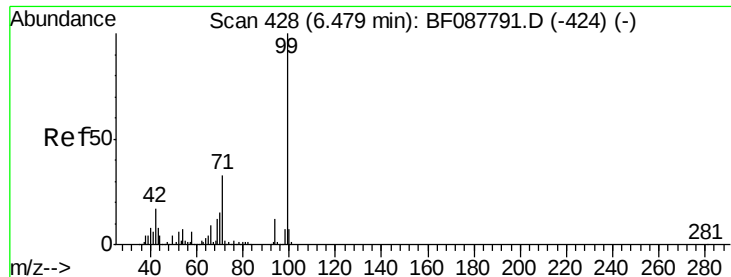


#5

2-Fluorophenol
Concen: 17.43 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.30 min
Lab File: BF088445.D
Acq: 27 Jun 2016 8:56

Tgt Ion:112 Resp: 240849
Ion Ratio Lower Upper
112 100
64 53.0 42.2 63.2
63 26.7 21.8 32.8





#7

Phenol-d6

Concen: 10.72 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.26 min

Lab File: BF088445.D

Acq: 27 Jun 2016 8:56

Instrument :

BNA_F

ClientSampleId :

W-22

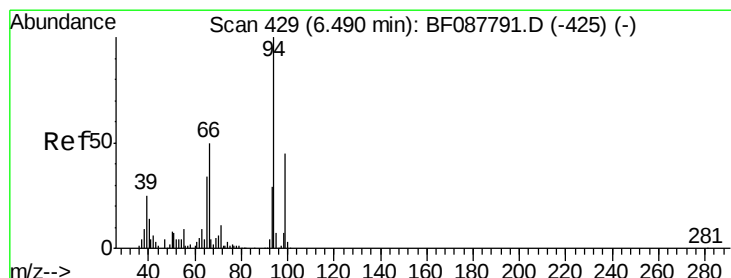
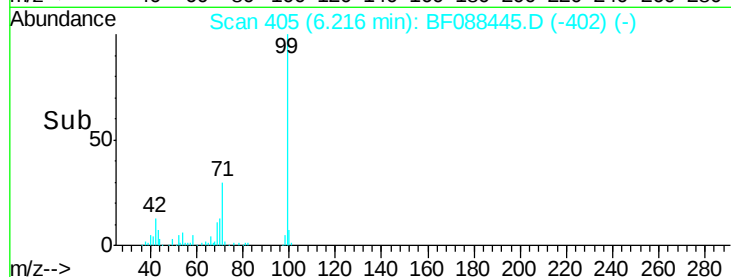
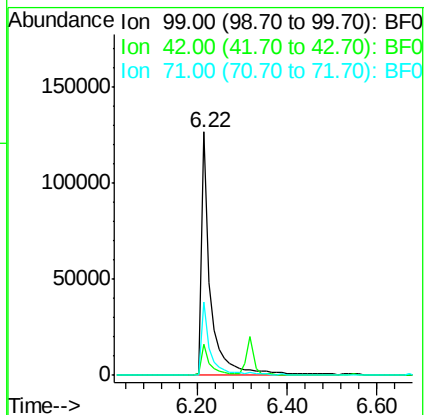
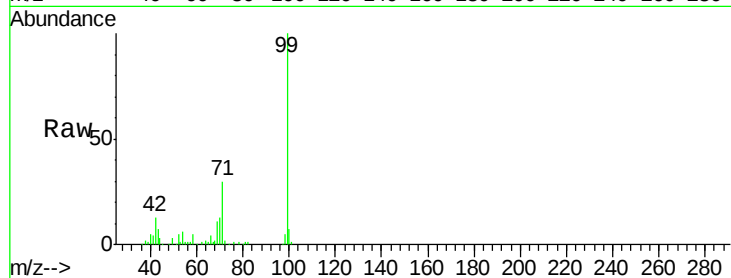
Tot Ion: 99 Resp: 179581

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.2

71 29.9 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.32 min Scan# 414

Delta R.T. -0.17 min

Lab File: BF088445.D

Acq: 27 Jun 2016 8:56

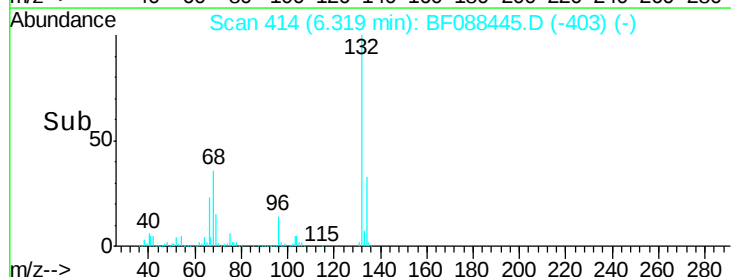
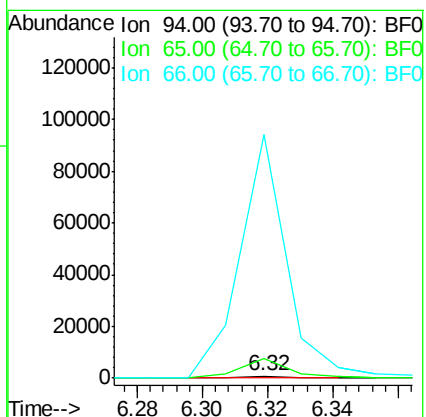
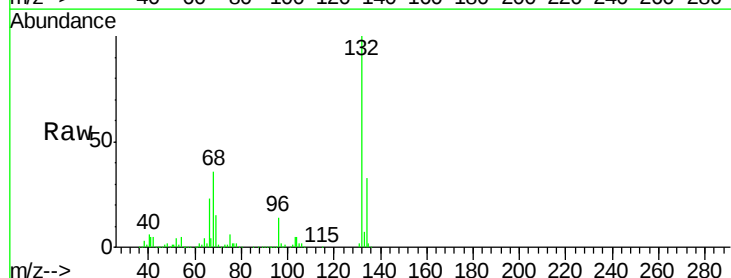
Tgt Ion: 94 Resp: 579

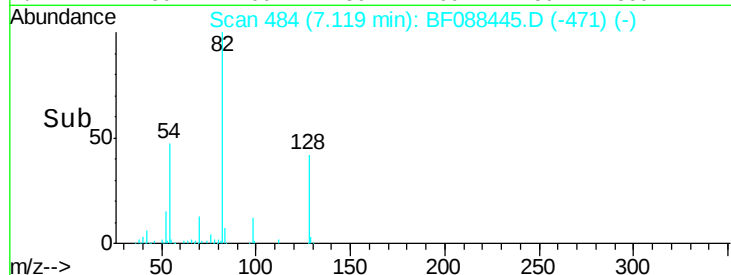
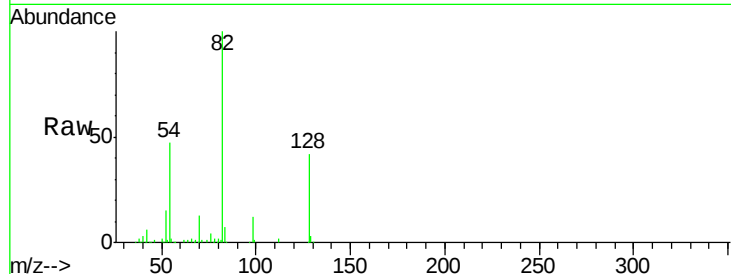
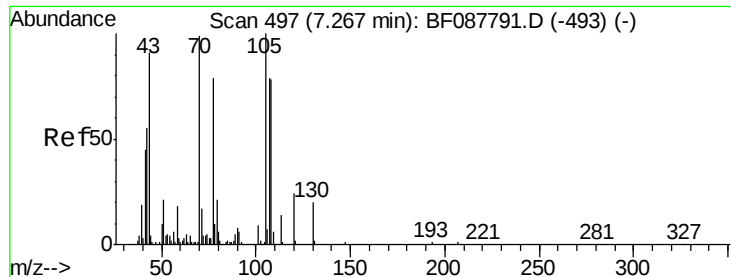
Ion Ratio Lower Upper

94 100

65 888.6 5.9 45.9#

66 11141.3 14.0 54.0#

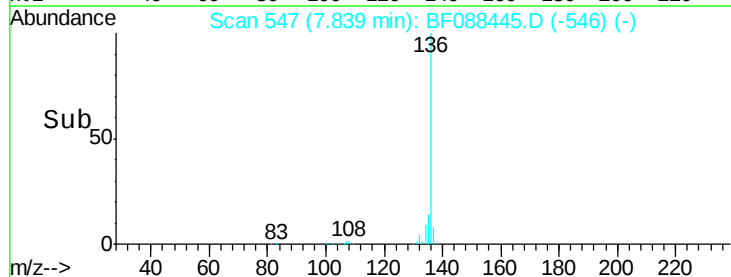
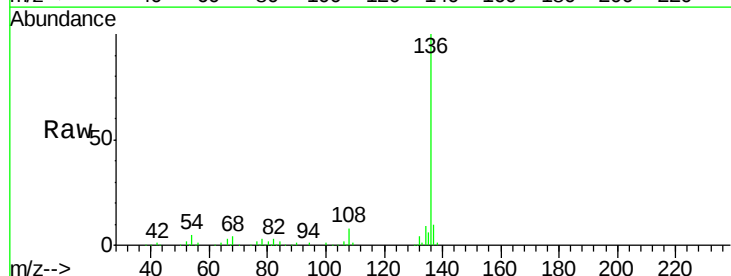
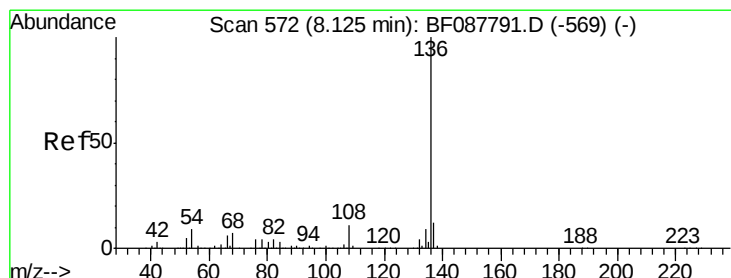
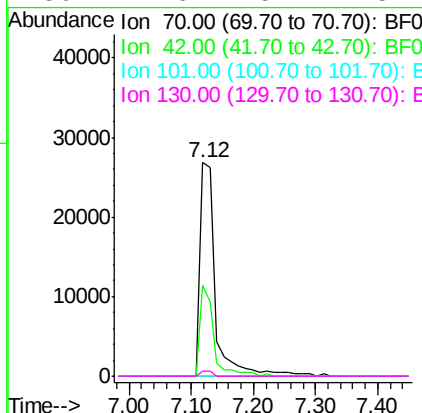




#19
n-Nitroso-di-n-propylamine
Concen: 4.39 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.15 min
Lab File: BF088445.D
Acq: 27 Jun 2016 8:56

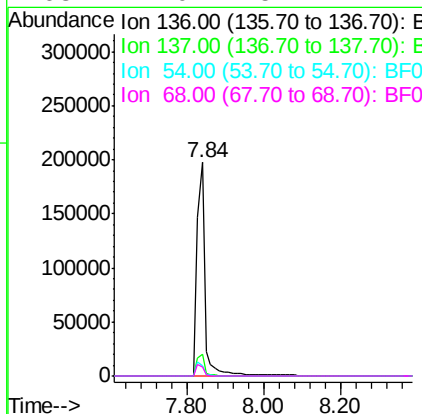
Instrument :
BNA_F
ClientSampleId :
W-22

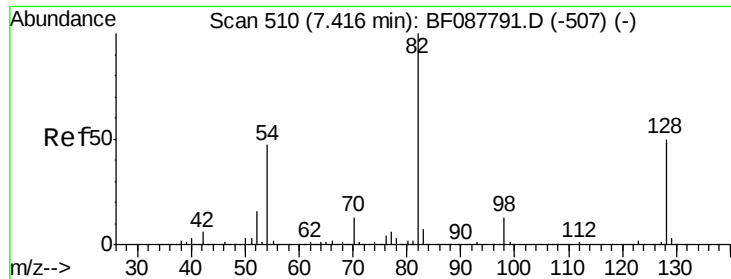
Tot Ion:	70	Resp:	47030
Ion	Ratio	Lower	Upper
70	100		
42	42.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.6	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.29 min
Lab File: BF088445.D
Acq: 27 Jun 2016 8:56

Tgt Ion:	136	Resp:	287803
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	4.6	6.6	10.0#
68	4.0	5.1	7.7#

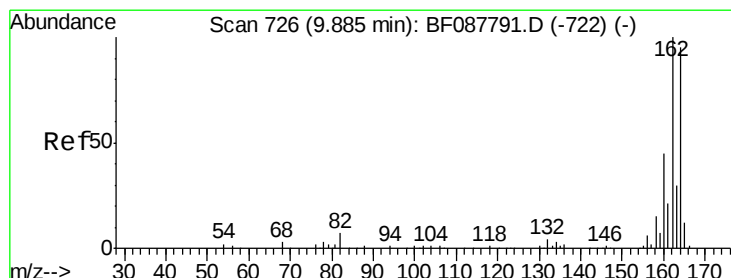
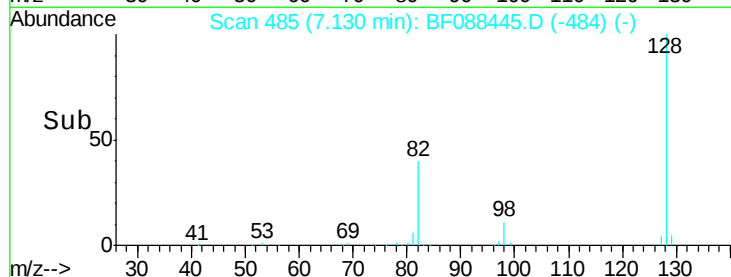
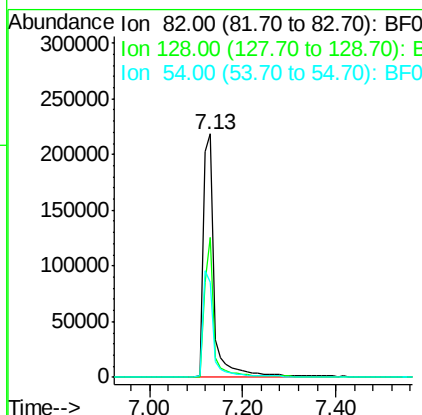
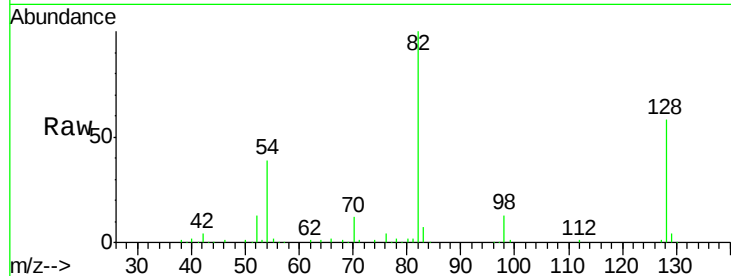




#23
 Nitrobenzene-d5
 Concen: 75.75 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.29 min
 Lab File: BF088445.D
 Acq: 27 Jun 2016 8:56

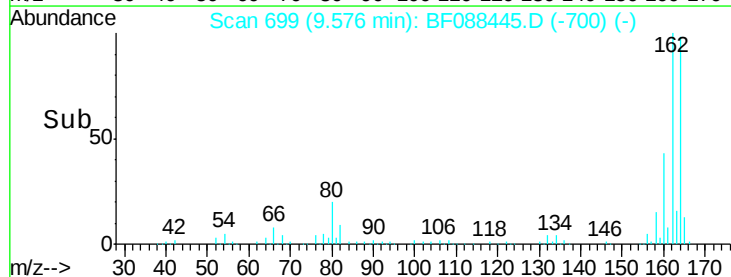
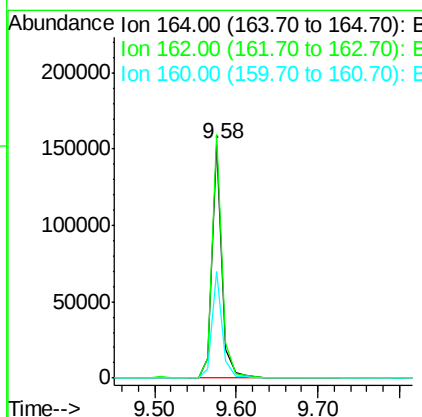
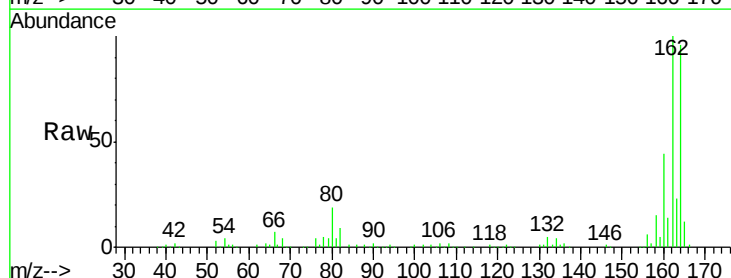
Instrument :
 BNA_F
 ClientSampleId :
 W-22

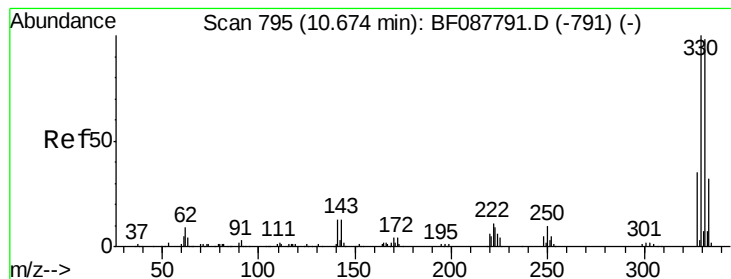
Tot Ion: 82 Resp: 373342
 Ion Ratio Lower Upper
 82 100
 128 57.6 35.9 53.9#
 54 38.9 40.9 61.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.31 min
 Lab File: BF088445.D
 Acq: 27 Jun 2016 8:56

Tgt Ion:164 Resp: 133047
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 45.8 39.5 59.3





#41

2,4,6-Tribromophenol

Concen: 94.05 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.31 min

Lab File: BF088445.D

Acq: 27 Jun 2016 8:56

Instrument :

BNA_F

ClientSampled :

W-22

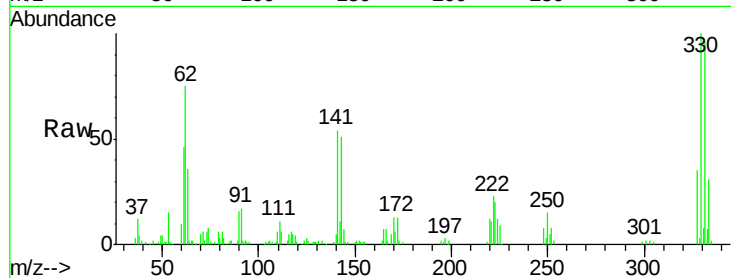
Tot Ion:330 Resp: 132131

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

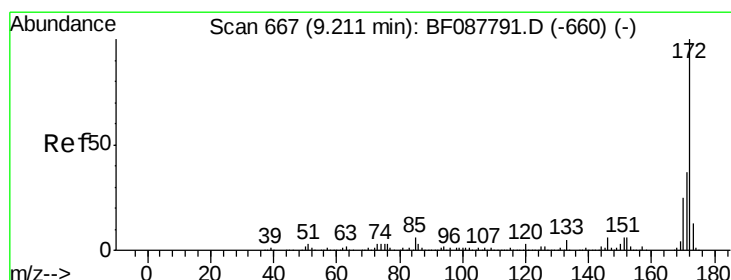
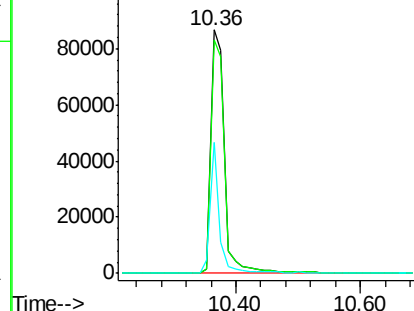
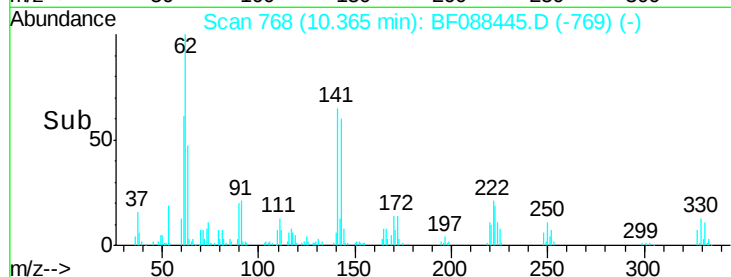
141 37.0 0.0 0.0#



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: 77.49 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.30 min

Lab File: BF088445.D

Acq: 27 Jun 2016 8:56

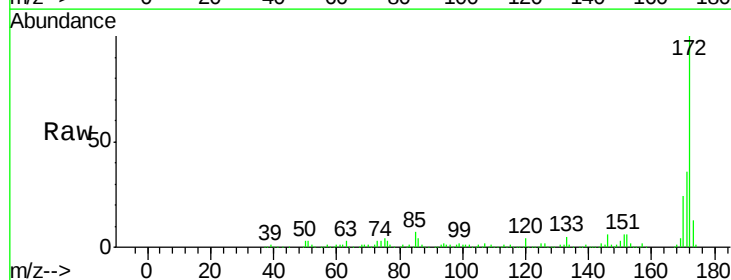
Tgt Ion:172 Resp: 660394

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

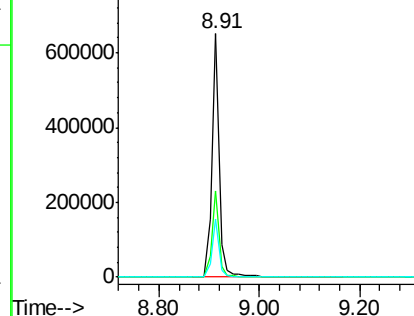
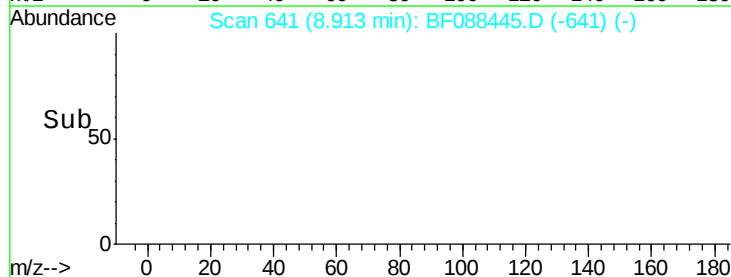
170 24.0 19.2 28.8

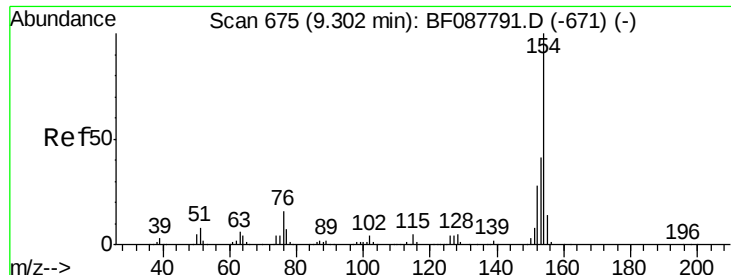


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

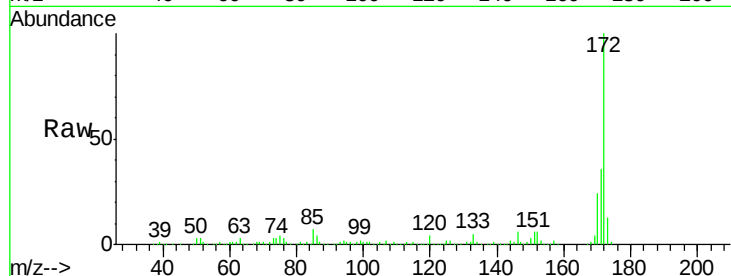




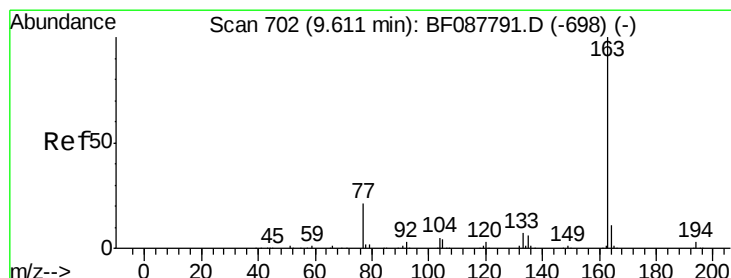
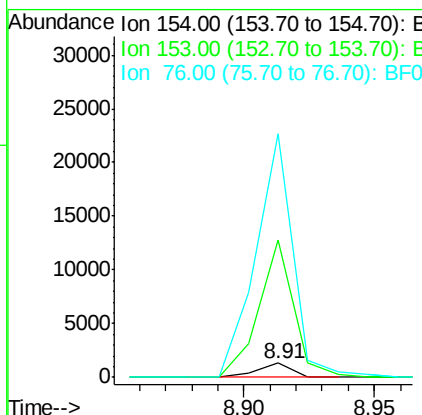
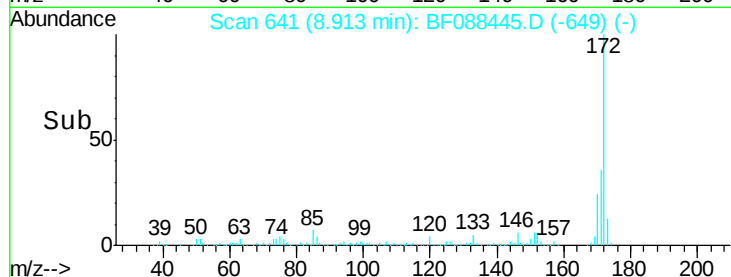
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.91 min Scan# 641
 Delta R.T. -0.39 min
 Lab File: BF088445.D
 Acq: 27 Jun 2016 8:56

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Tot Ion:154 Resp: 1202
 Ion Ratio Lower Upper
 154 100
 153 953.0 20.6 60.6#
 76 1686.3 0.0 35.1#

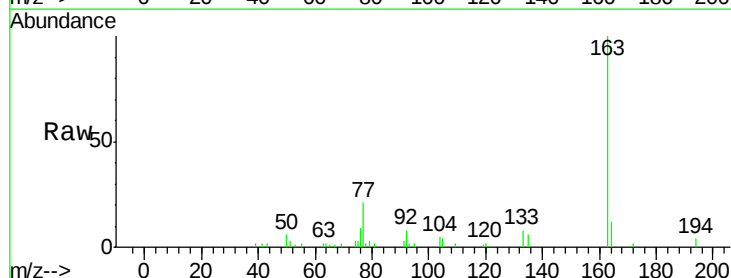


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

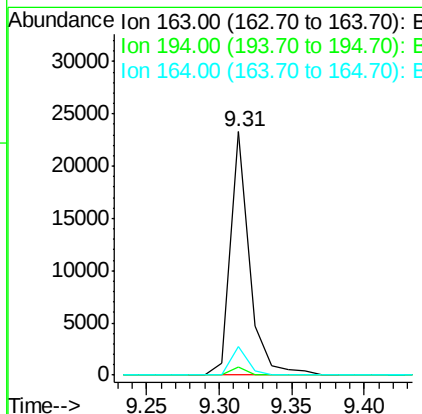
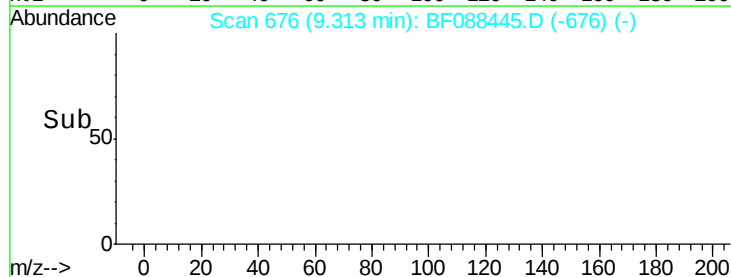


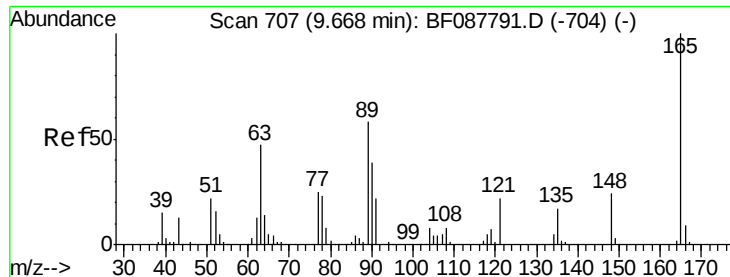
#49
 Dimethylphthalate
 Concen: 2.20 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.30 min
 Lab File: BF088445.D
 Acq: 27 Jun 2016 8:56

Tgt Ion:163 Resp: 21222
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 11.5 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

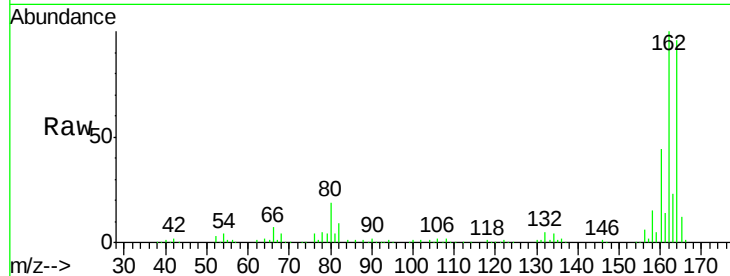




#50
 2,6-Dinitrotoluene
 Concen: 7.47 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.09 min
 Lab File: BF088445.D
 Acq: 27 Jun 2016 8:56

Instrument :
 BNA_F
 ClientSampleId :
 W-22

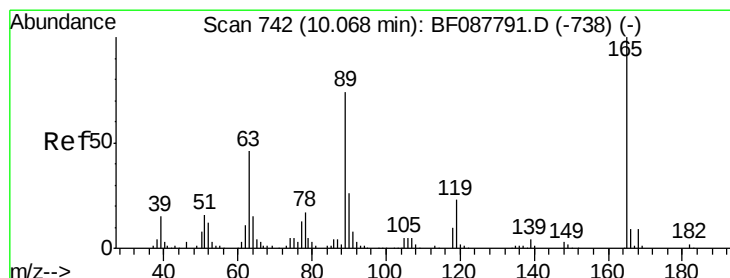
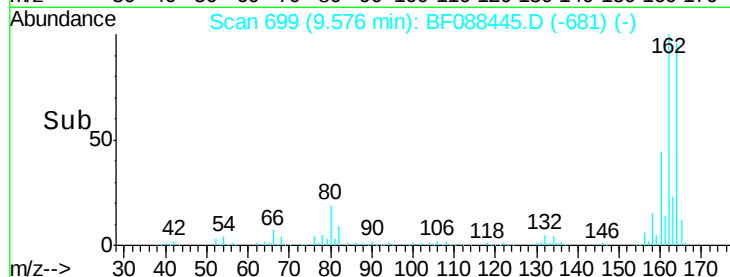
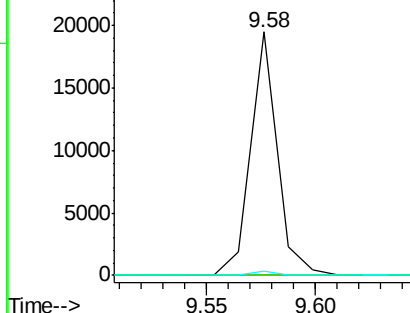
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.7	32.2	48.2#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.81 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.49 min
 Lab File: BF088445.D
 Acq: 27 Jun 2016 8:56

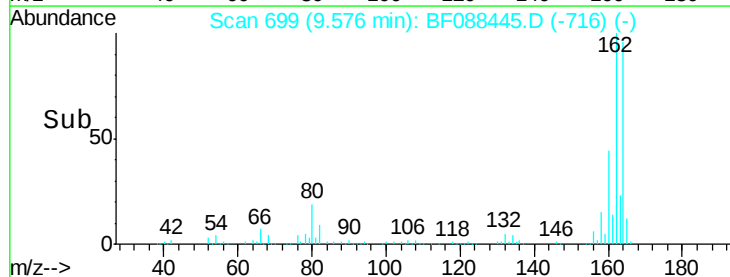
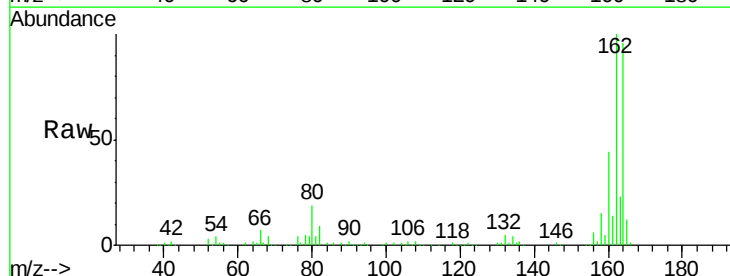
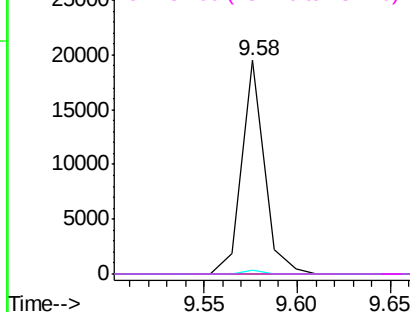
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

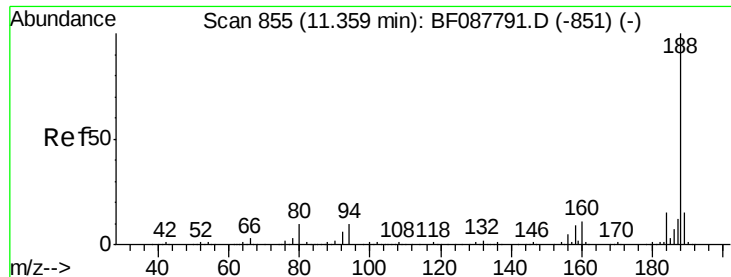
Abundance Ion 165.00 (164.70 to 165.70): E

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

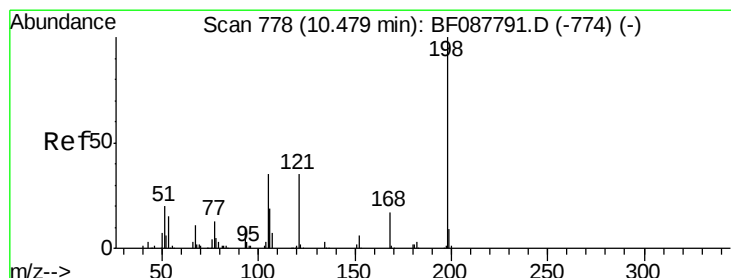
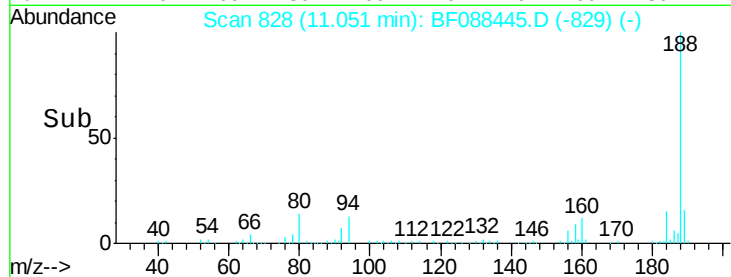
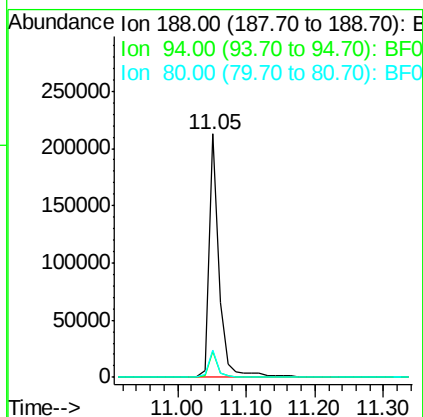
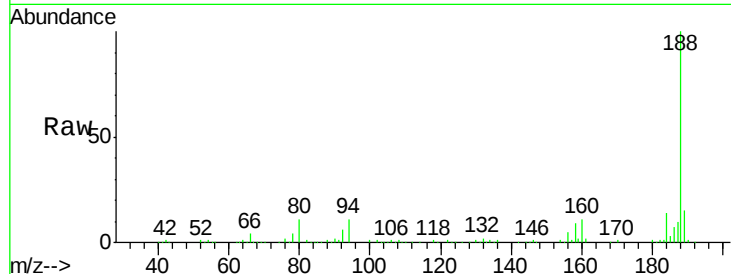




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.31 min
Lab File: BF088445.D
Acq: 27 Jun 2016 8:56

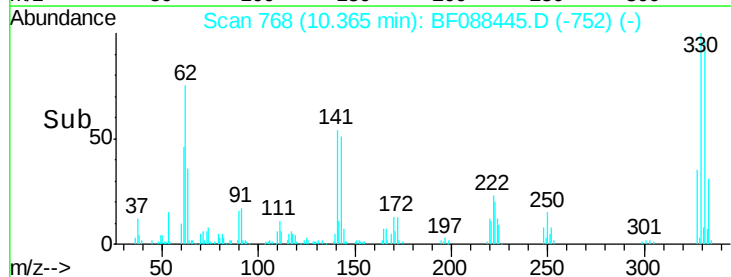
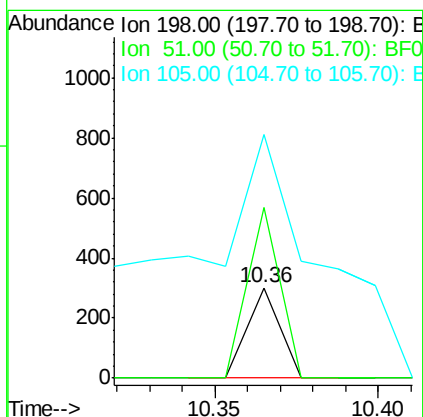
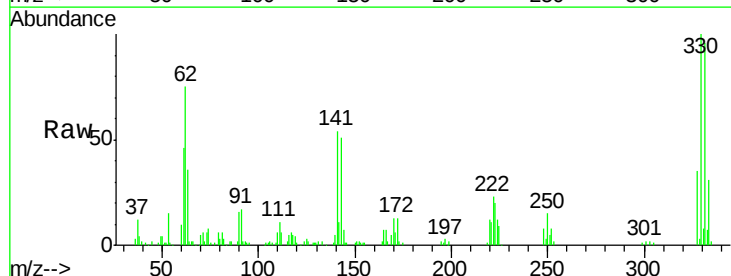
Instrument :
BNA_F
ClientSampleId :
W-22

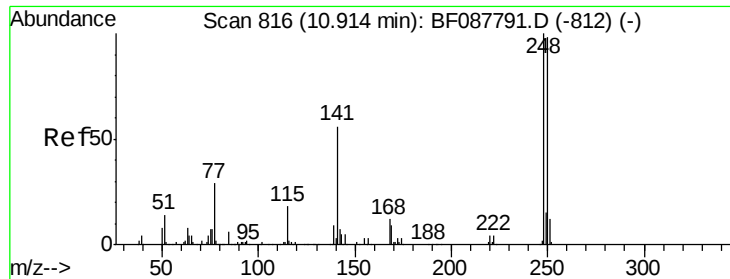
Tot Ion:188 Resp: 220147
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.4 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.11 min
Lab File: BF088445.D
Acq: 27 Jun 2016 8:56

Tgt Ion:198 Resp: 206
Ion Ratio Lower Upper
198 100
51 190.0 39.6 79.6#
105 270.3 36.6 76.6#

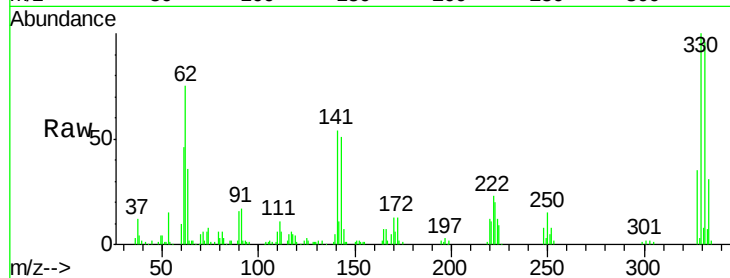




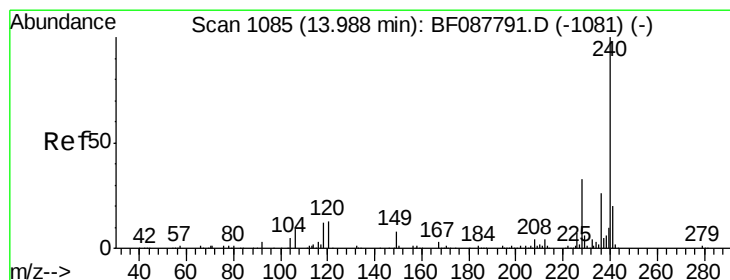
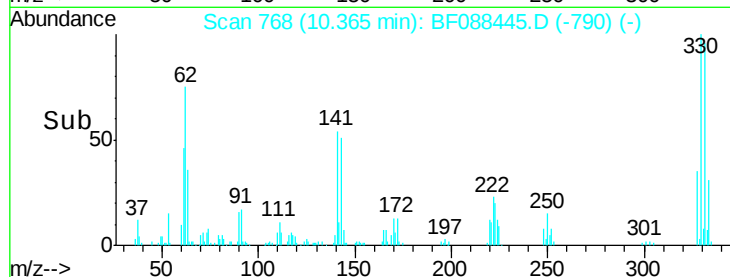
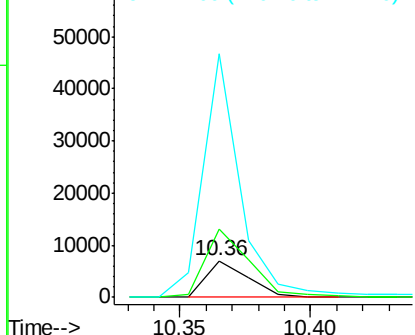
#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.55 min
Lab File: BF088445.D
Acq: 27 Jun 2016 8:56

Instrument :
BNA_F
ClientSampleId :
W-22

Tot Ion:248 Resp: 7673
Ion Ratio Lower Upper
248 100
250 188.9 77.1 115.7#
141 667.7 50.6 76.0#

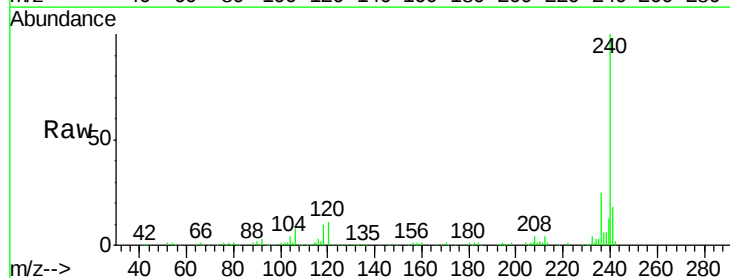


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

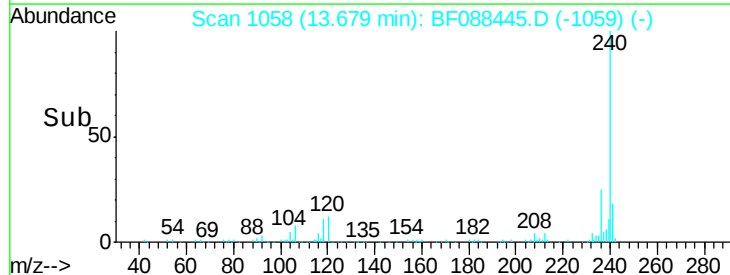
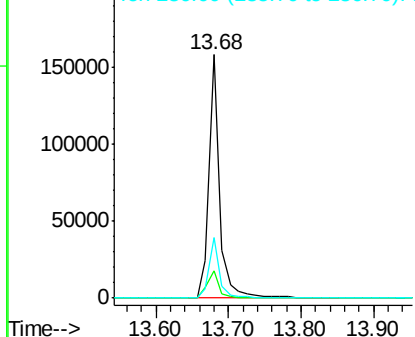


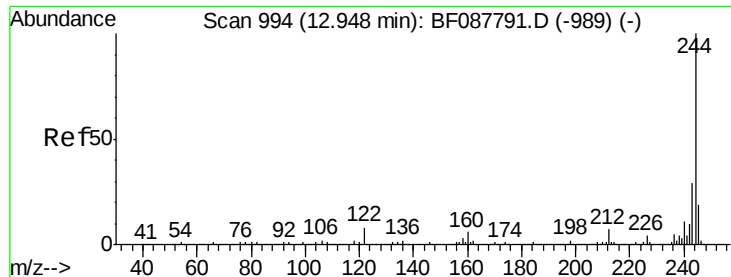
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.31 min
Lab File: BF088445.D
Acq: 27 Jun 2016 8:56

Tgt Ion:240 Resp: 163284
Ion Ratio Lower Upper
240 100
120 11.3 6.8 10.2#
236 25.0 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

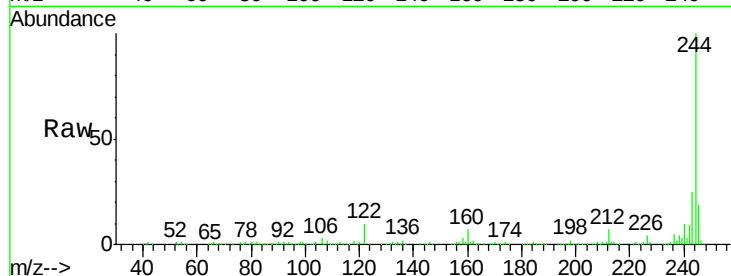




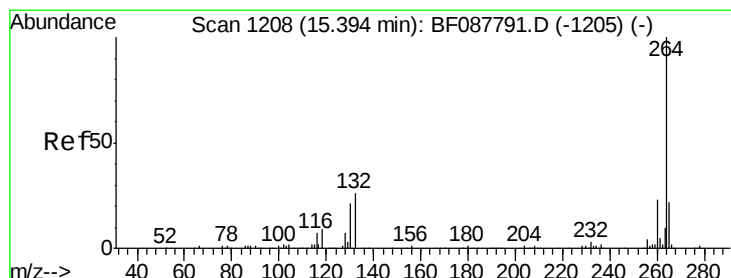
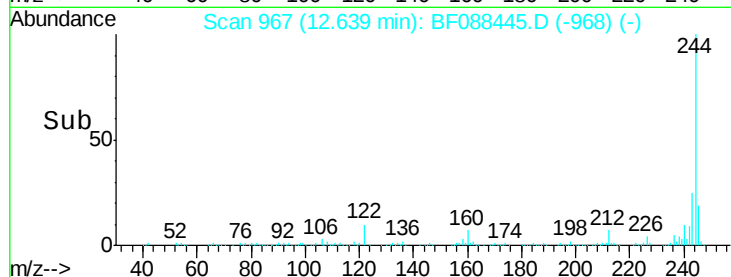
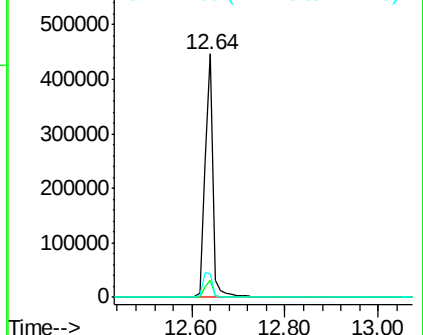
#78
 Terphenyl-d14
 Concen: 74.57 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.31 min
 Lab File: BF088445.D
 Acq: 27 Jun 2016 8:56

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Tot Ion:244 Resp: 535058
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.5 11.2 16.8#

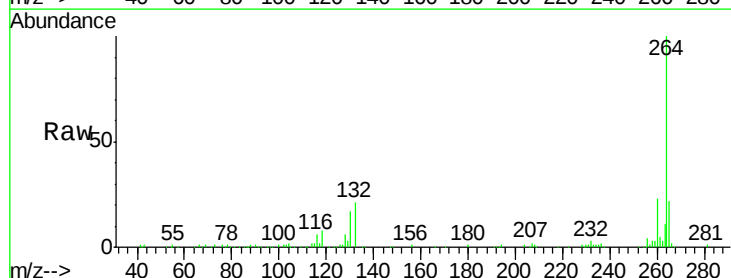


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.37 min
 Lab File: BF088445.D
 Acq: 27 Jun 2016 8:56

Tgt Ion:264 Resp: 139828
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.5 16.9 25.3



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

