

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
 Data File : BF088083.D
 Acq On : 16 Jun 2016 18:50
 Operator : UM/SJ
 Sample : H3571-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Quant Time: Jun 17 04:06:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

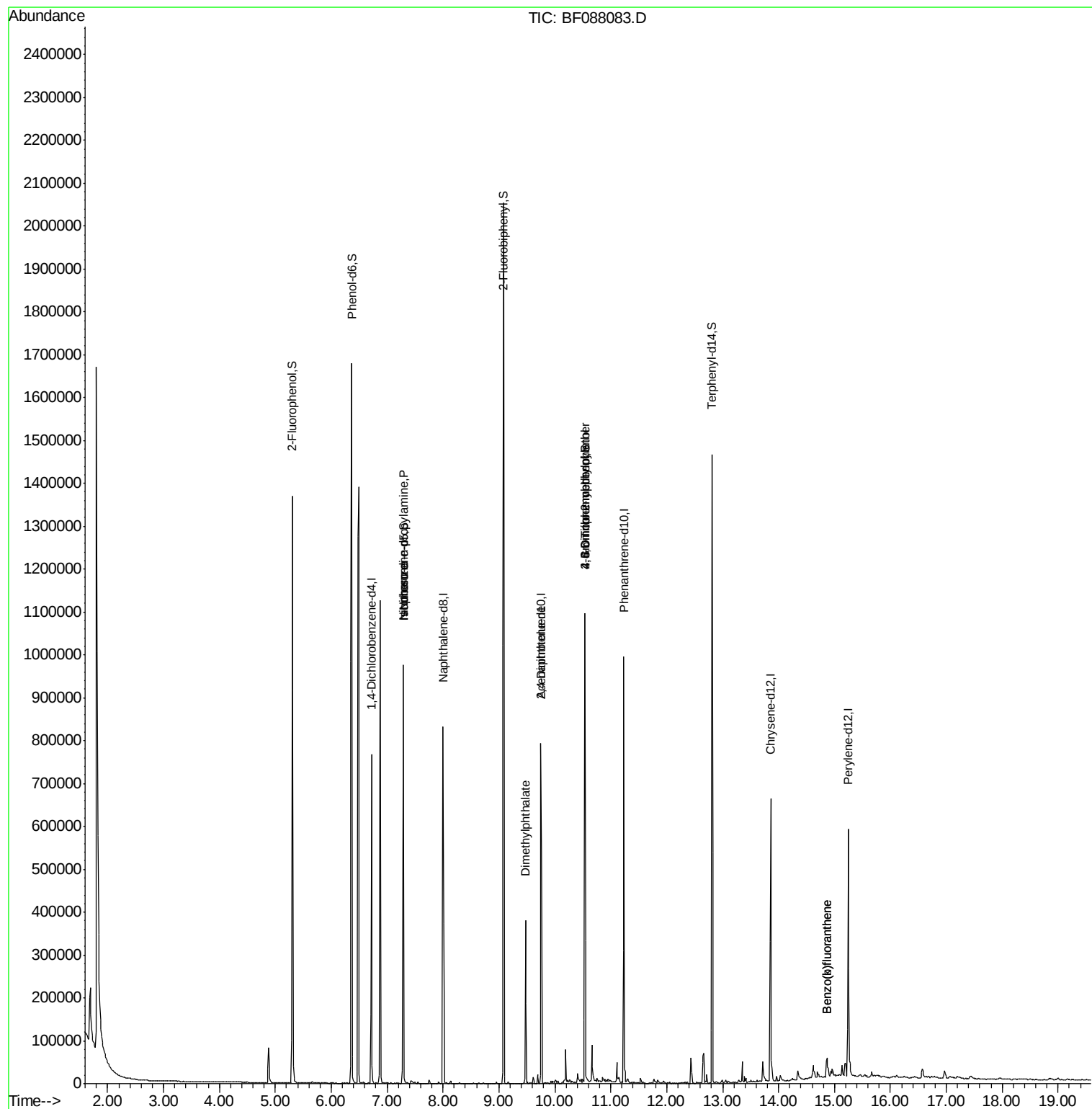
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119652	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	436589	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	198757	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	367601	20.00	ng	0.00
75) Chrysene-d12	13.86	240	239488	20.00	ng	0.00
86) Perylene-d12	15.25	264	239529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	543633	77.67	ng	0.00
7) Phenol-d6	6.36	99	746689	88.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	439686	58.81	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	140092	66.75	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	744716	57.04	ng	0.00
78) Terphenyl-d14	12.81	244	492838	46.83	ng	-0.01
Target Compounds						
10) Phenol	6.38	94	6000	Below Cal		Qvalue 93
19) n-Nitroso-di-n-propylamine	7.29	70	54479	10.04 ng	#	68
25) Isophorone	7.29	82	432107	31.20 ng	#	65
45) 1,1'-Biphenyl	9.08	154	1515	Below Cal	#	1
49) Dimethylphthalate	9.47	163	189988	13.20 ng		99
56) 2,4-Dinitrotoluene	9.75	165	25826	6.09 ng	#	38
57) Fluorene	10.30	166	634	Below Cal	#	90
64) 4,6-Dinitro-2-methylphenol	10.54	198	233	2.26 ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	8560	2.17 ng	#	1
87) Benzo(b)fluoranthene	14.87	252	34369	2.06 ng	#	95
88) Benzo(k)fluoranthene	14.87	252	34369	2.73 ng		100

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

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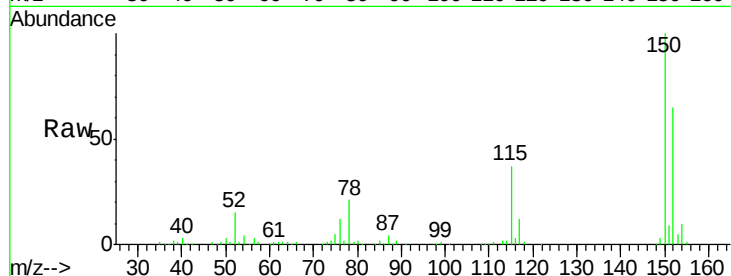


#1

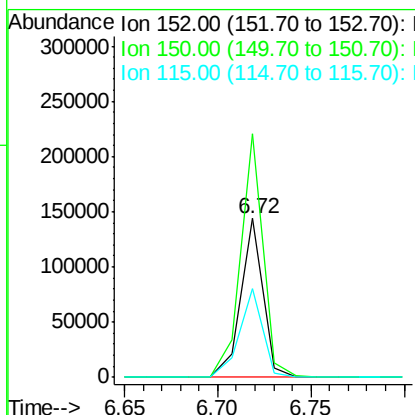
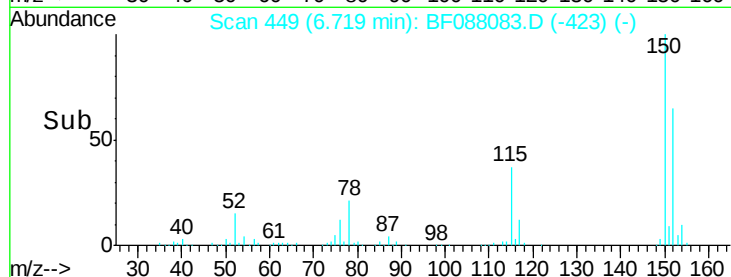
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion:152 Resp: 119652
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.6
115 56.0 39.6 59.4



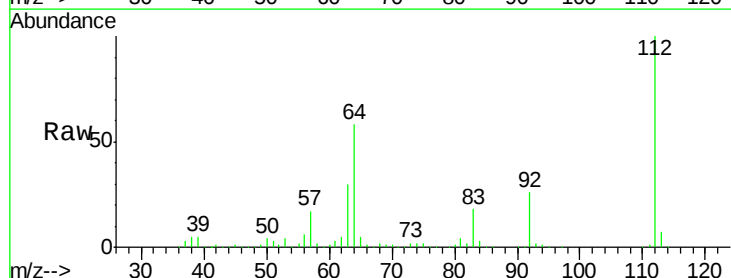
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



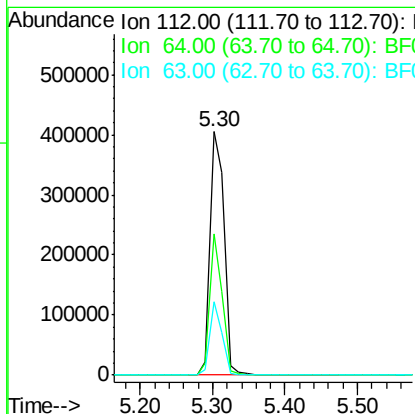
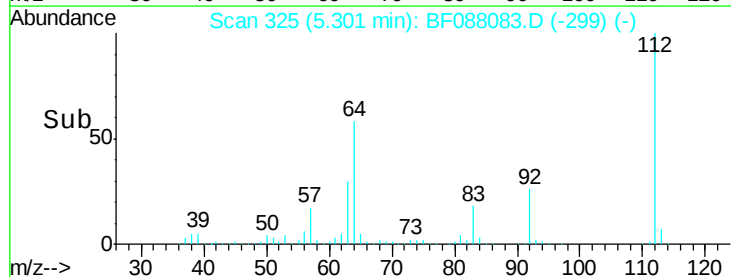
#5

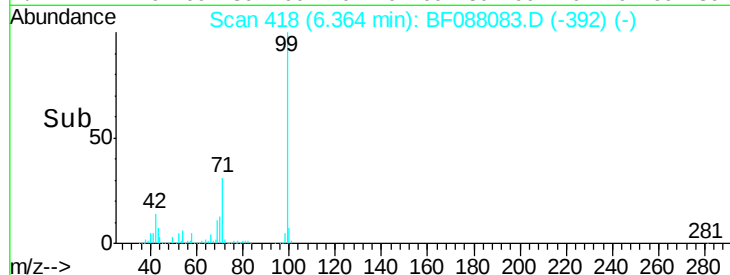
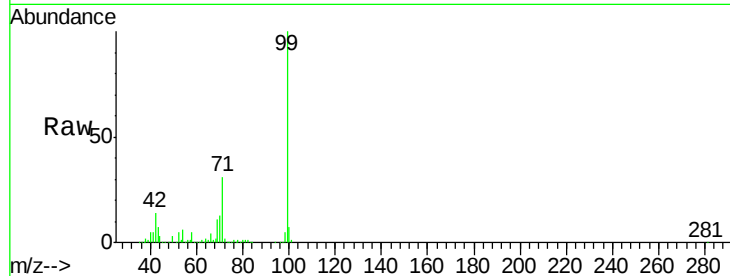
2-Fluorophenol
Concen: 77.67 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

Tgt Ion:112 Resp: 543633
Ion Ratio Lower Upper
112 100
64 58.2 42.2 63.2
63 30.0 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: 88.03 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088083.D

Acq: 16 Jun 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

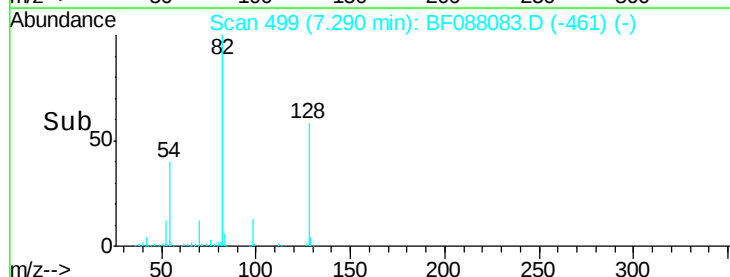
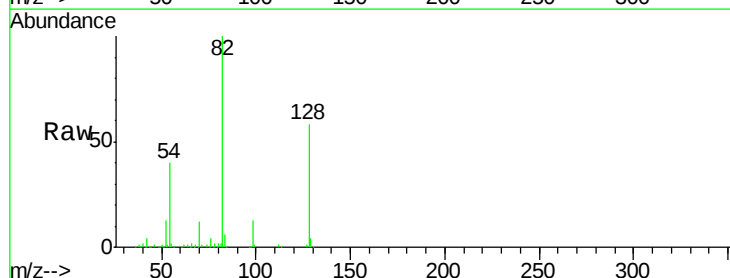
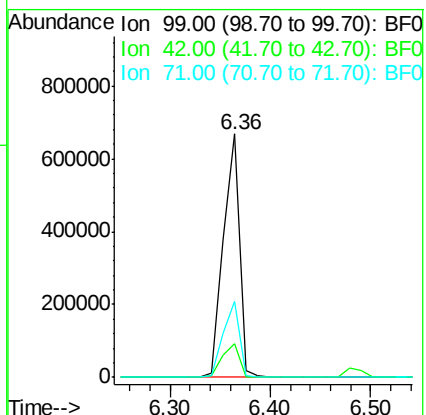
Tgt Ion: 99 Resp: 746689

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

71 31.3 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.04 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.14 min

Lab File: BF088083.D

Acq: 16 Jun 2016 18:50

Tgt Ion: 70 Resp: 54479

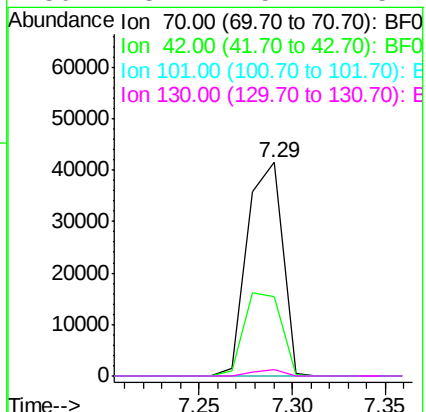
Ion Ratio Lower Upper

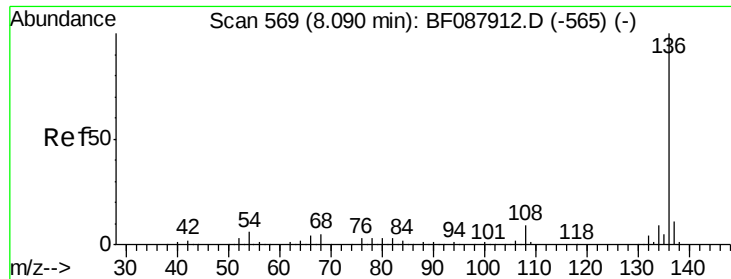
70 100

42 37.3 49.6 74.4#

101 0.0 7.1 10.7#

130 3.1 15.4 23.2#

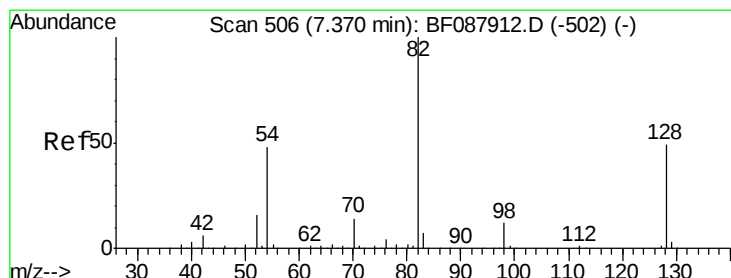
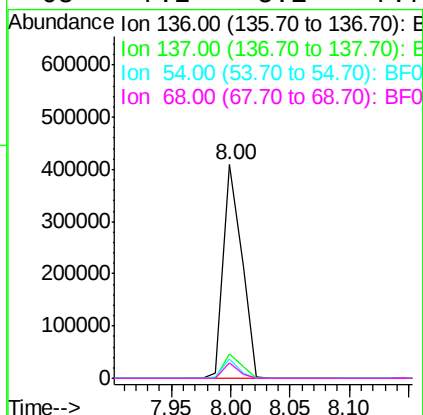
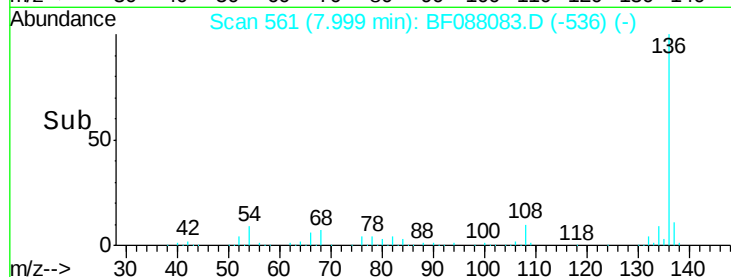
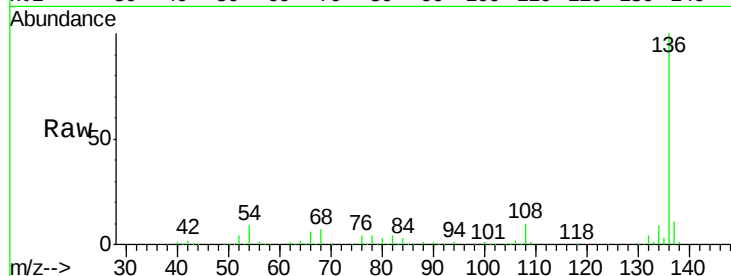




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

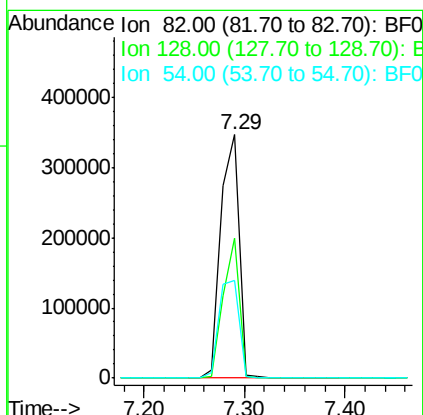
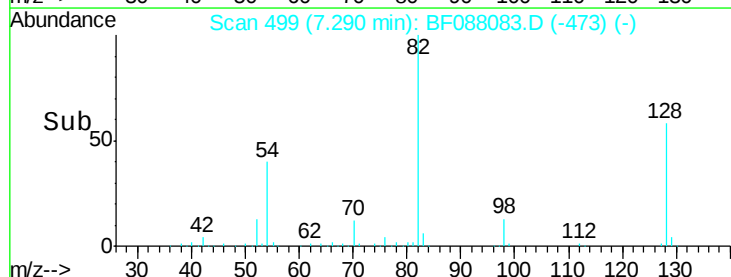
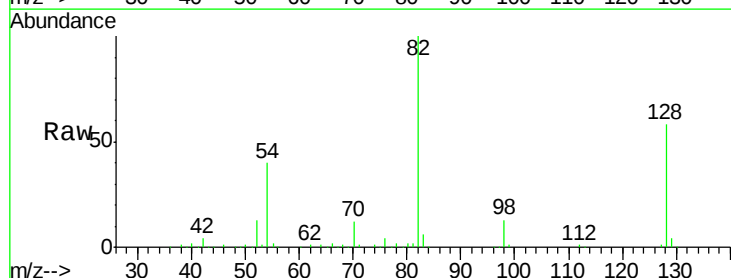
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

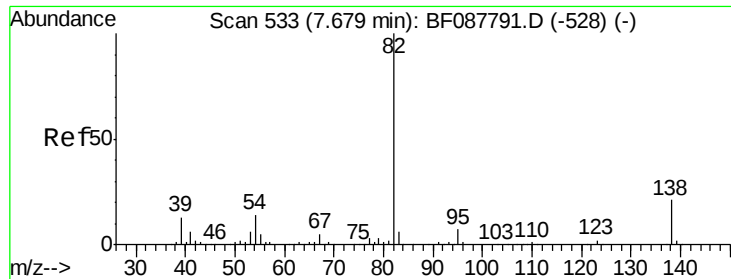
Tgt Ion:	136	Resp:	436589
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.7	6.6	10.0
68	7.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 58.81 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

Tgt Ion:	82	Resp:	439686
Ion	Ratio	Lower	Upper
82	100		
128	57.6	35.9	53.9#
54	40.3	40.9	61.3#





#25

Isophorone

Concen: 31.20 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.26 min

Lab File: BF088083.D

Acq: 16 Jun 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

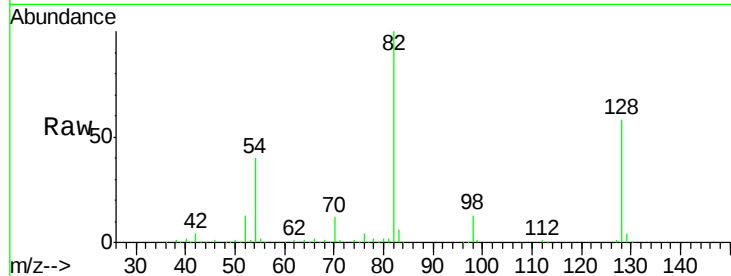
Tgt Ion: 82 Resp: 432107

Ion Ratio Lower Upper

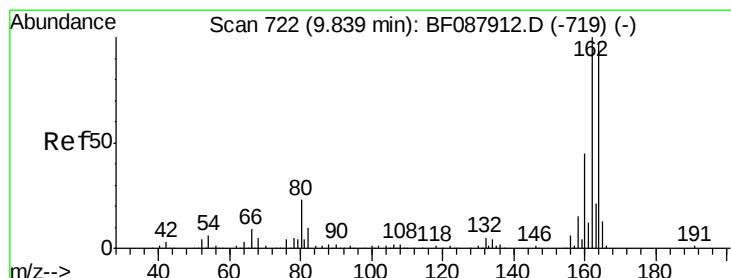
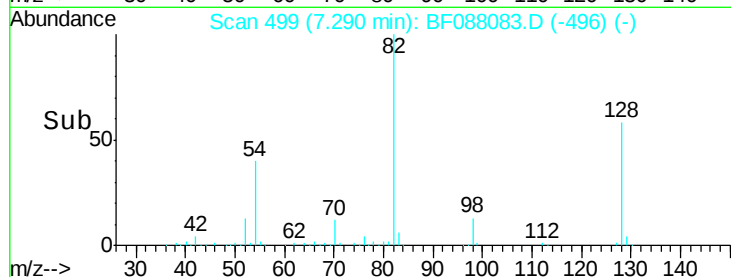
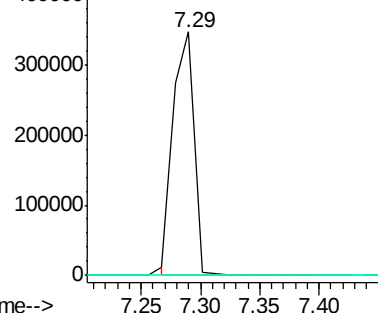
82 100

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: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF088083.D

Acq: 16 Jun 2016 18:50

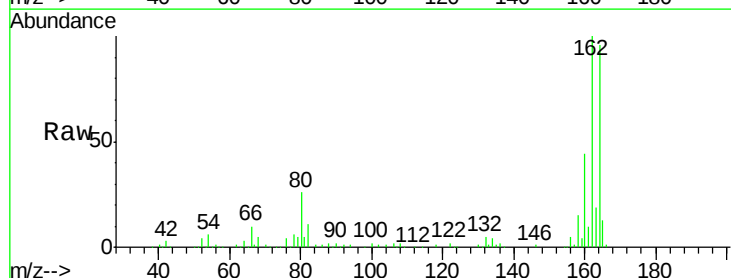
Tgt Ion: 164 Resp: 198757

Ion Ratio Lower Upper

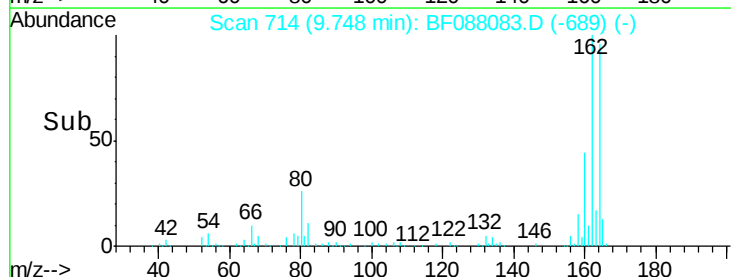
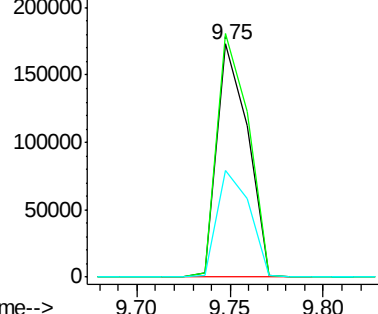
164 100

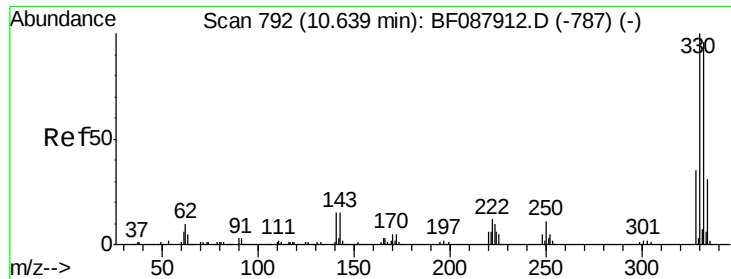
162 104.4 85.4 128.2

160 45.9 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

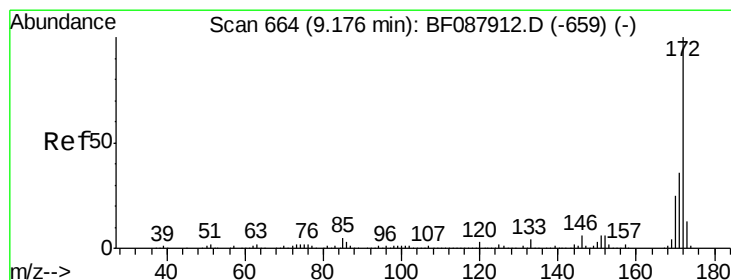
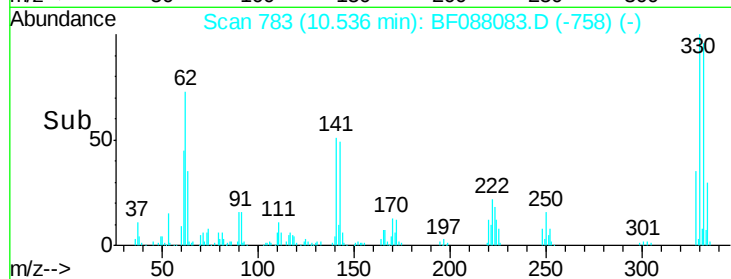
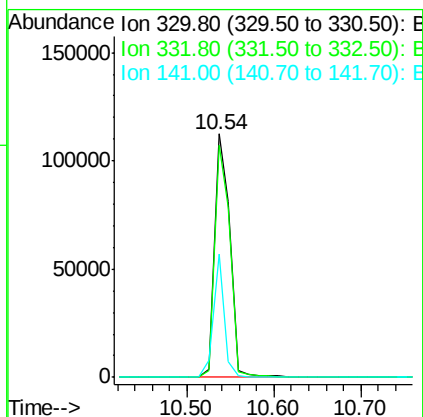
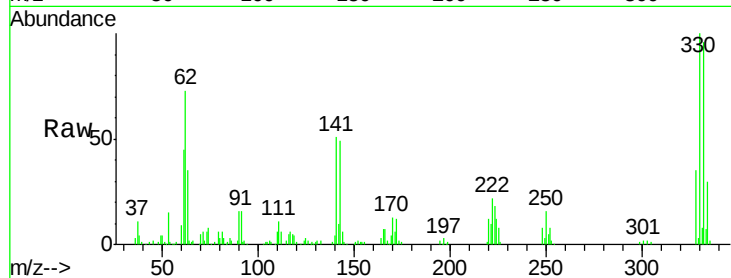




#41
 2,4,6-Tribromophenol
 Concen: 66.75 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF088083.D
 Acq: 16 Jun 2016 18:50

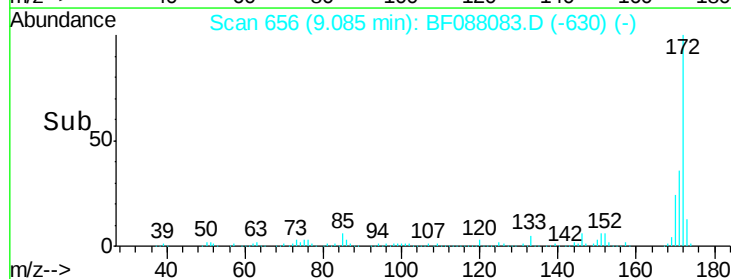
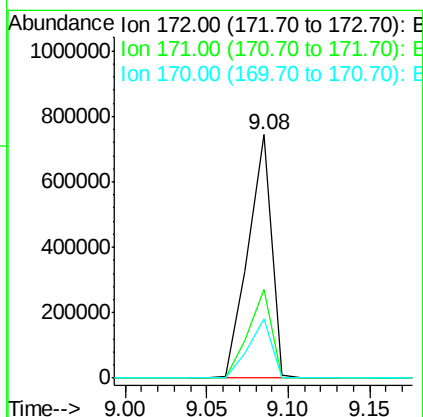
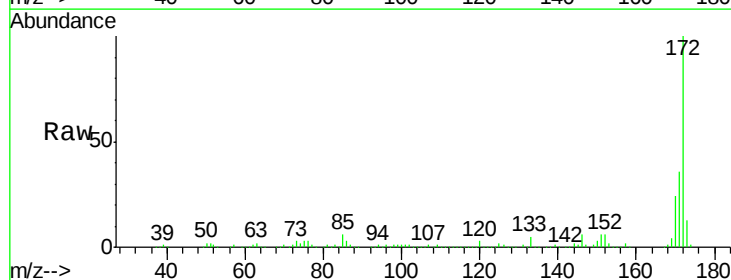
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	36.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 57.04 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088083.D
 Acq: 16 Jun 2016 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.08 min Scan# 656

Delta R.T. -0.10 min

Lab File: BF088083.D

Acq: 16 Jun 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

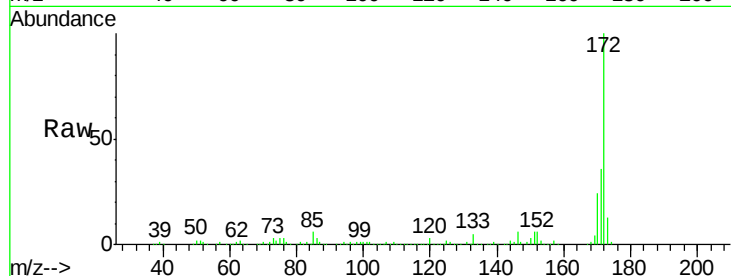
Tgt Ion:154 Resp: 1515

Ion Ratio Lower Upper

154 100

153 932.9 20.6 60.6#

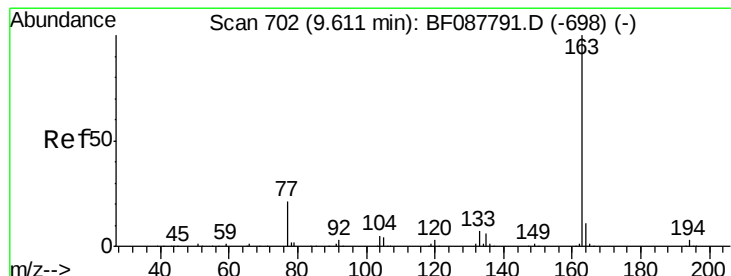
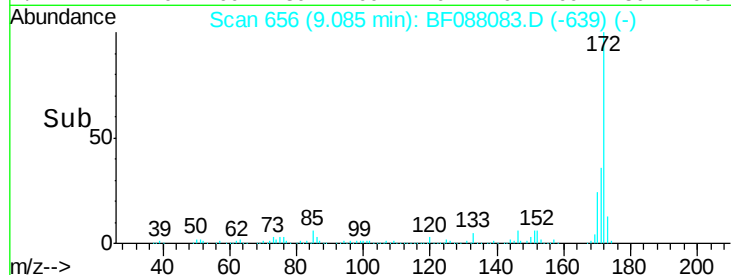
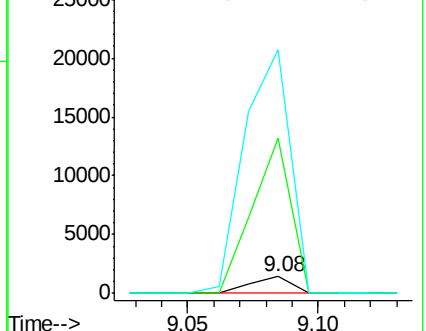
76 1459.1 0.0 35.1#



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: 13.20 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF088083.D

Acq: 16 Jun 2016 18:50

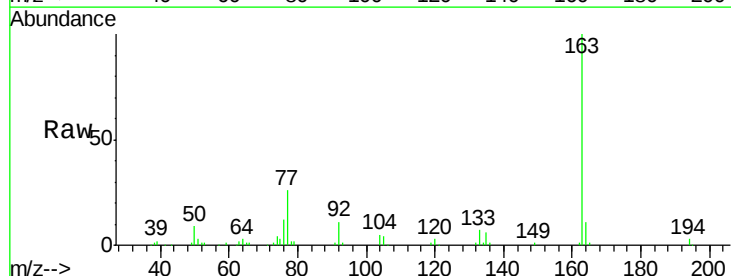
Tgt Ion:163 Resp: 189988

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

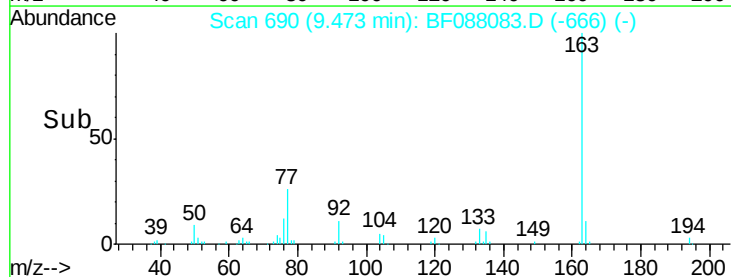
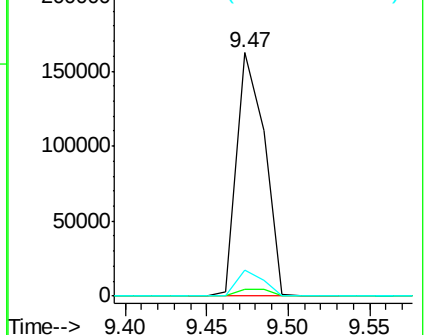
164 10.6 8.3 12.5



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

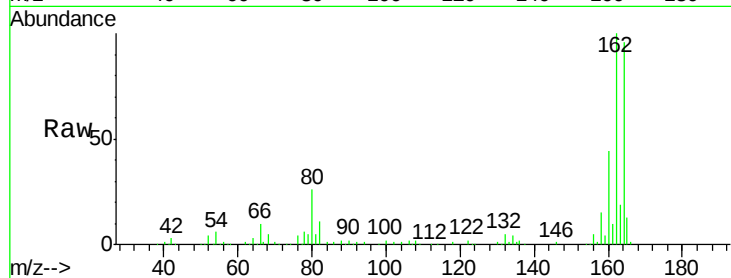




#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.21 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

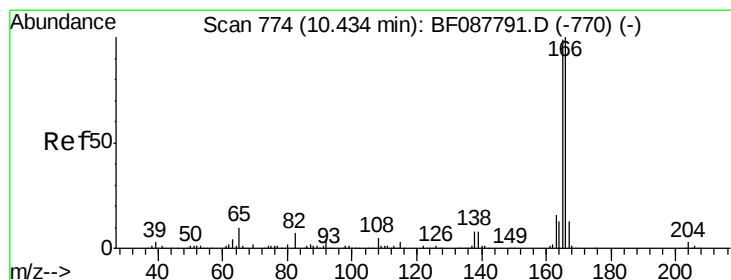
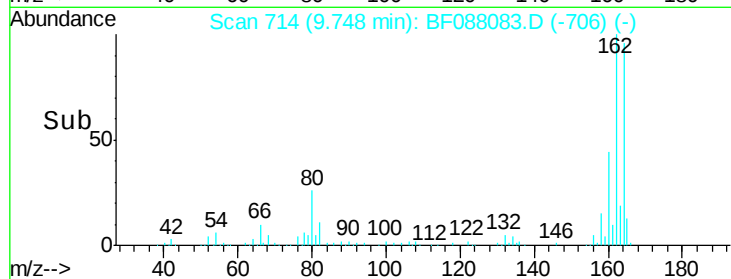
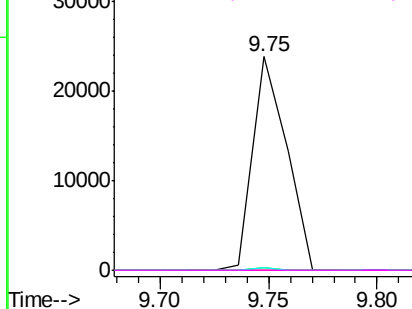


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

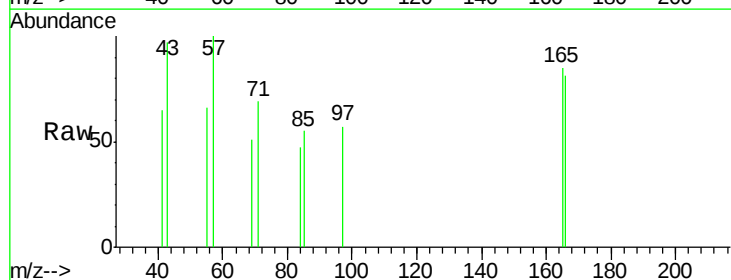
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

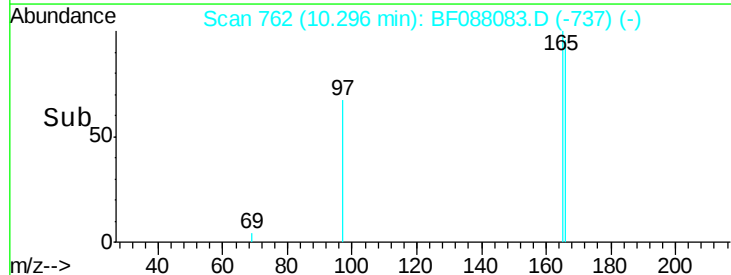
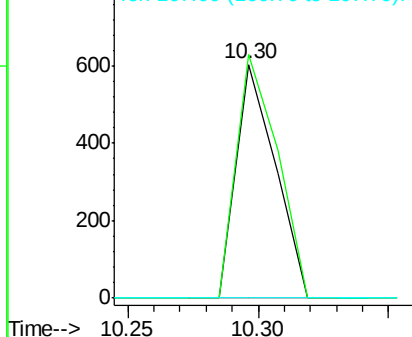
Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.1	77.8	116.8
167	0.0	11.2	16.8#

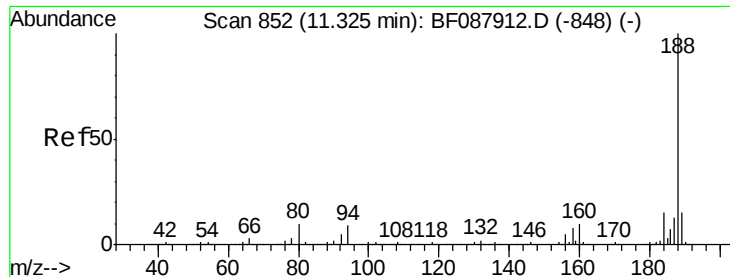


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

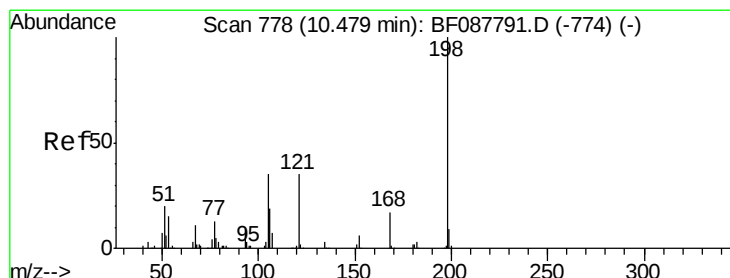
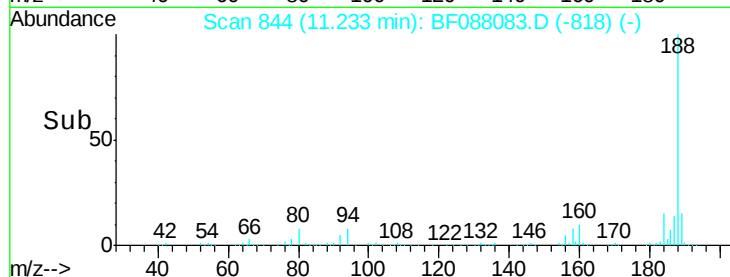
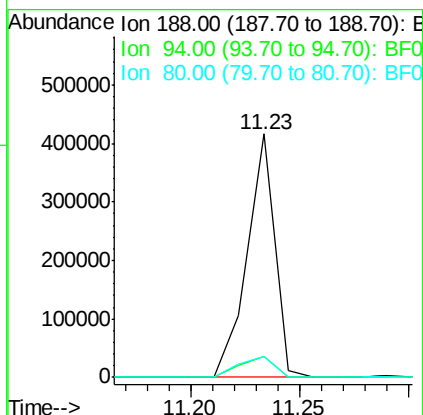
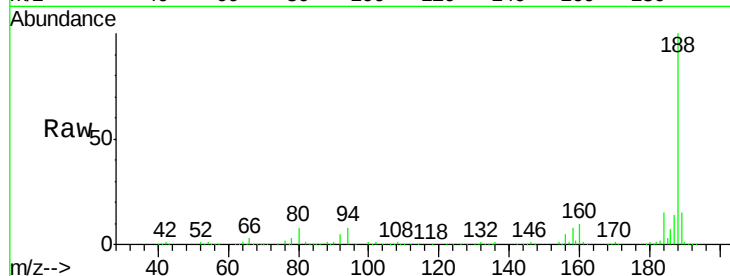




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF088083.D
 Acq: 16 Jun 2016 18:50

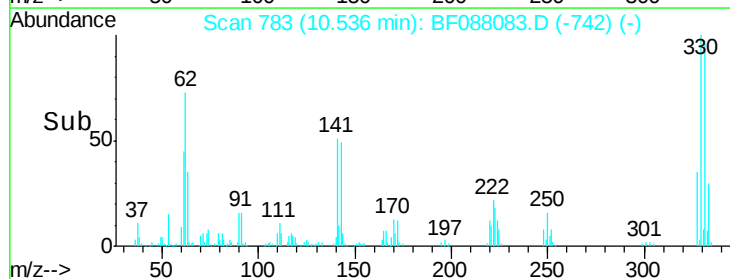
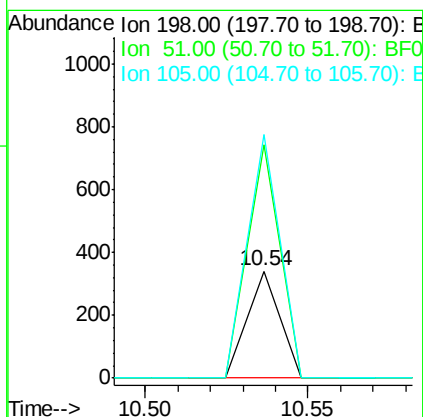
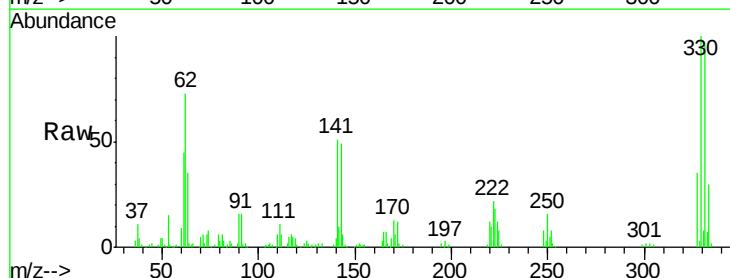
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion:188 Resp: 367601
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.0 13.6#
 80 8.5 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.26 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.17 min
 Lab File: BF088083.D
 Acq: 16 Jun 2016 18:50

Tgt Ion:198 Resp: 233
 Ion Ratio Lower Upper
 198 100
 51 218.8 39.6 79.6#
 105 227.9 36.6 76.6#

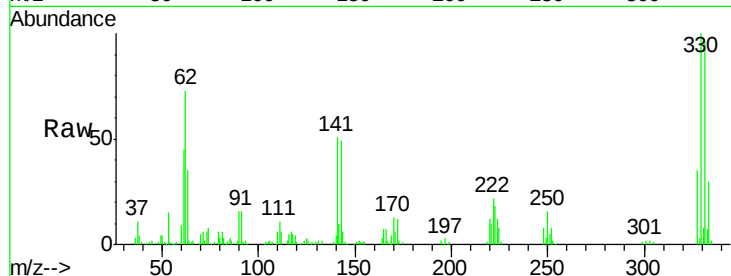




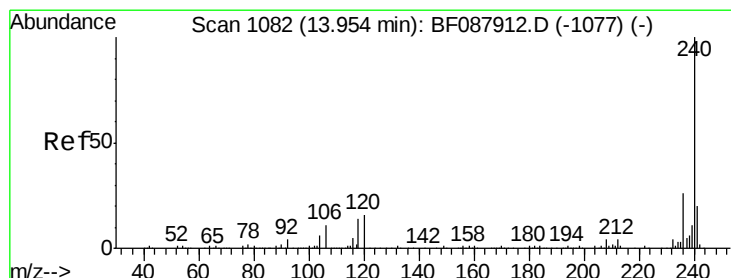
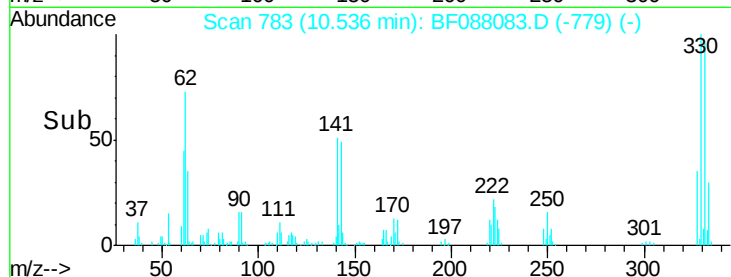
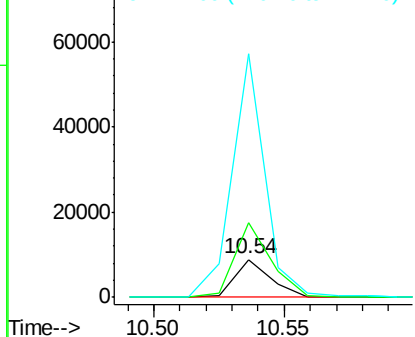
#66
4-Bromophenyl-phenylether
Concen: 2.17 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.25 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion: 248 Resp: 8560
Ion Ratio Lower Upper
248 100
250 196.8 77.1 115.7#
141 639.8 50.6 76.0#

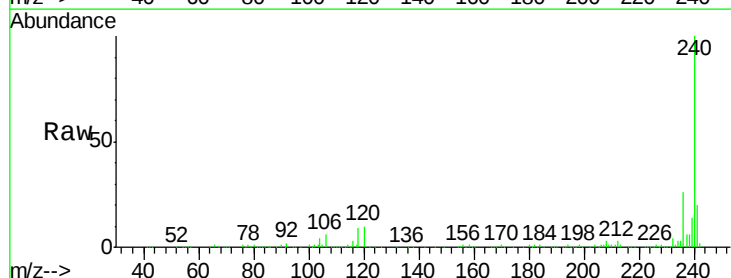


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

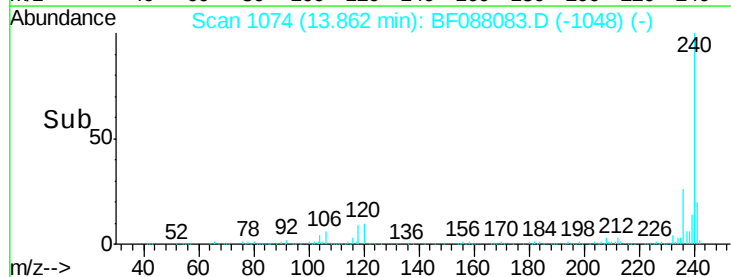
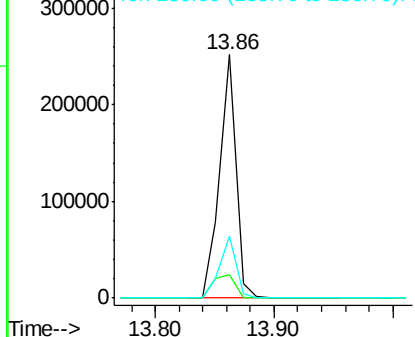


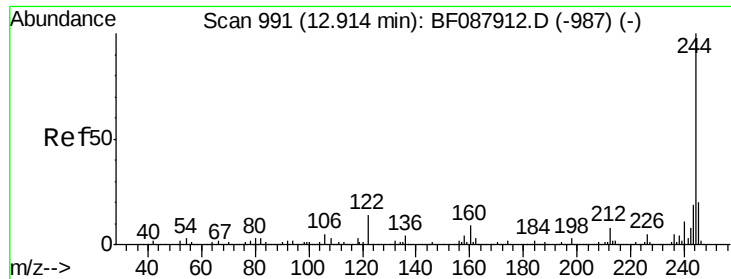
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

Tgt Ion: 240 Resp: 239488
Ion Ratio Lower Upper
240 100
120 9.6 6.8 10.2
236 25.6 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

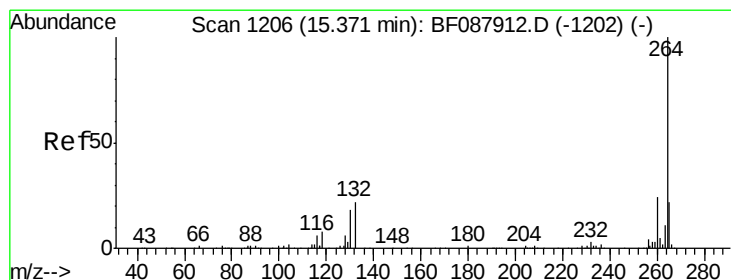
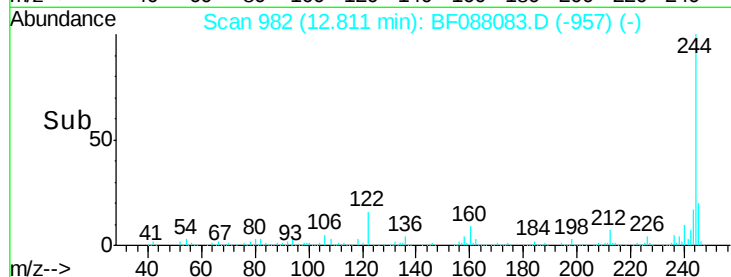
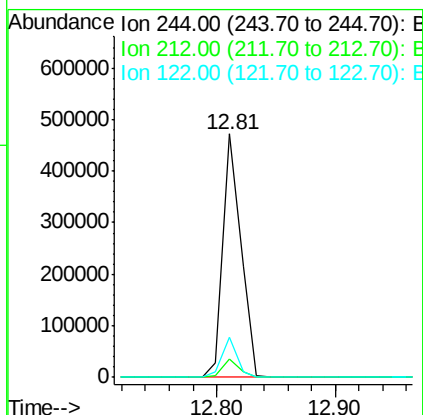
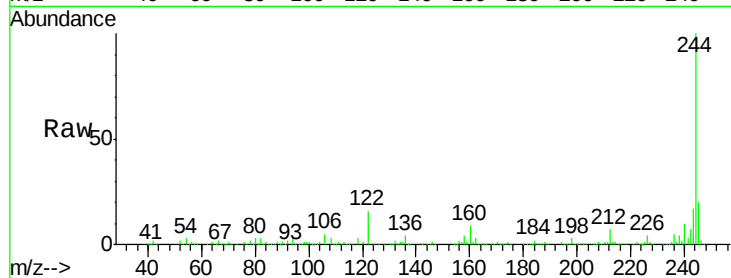




#78
 Terphenyl-d14
 Concen: 46.83 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088083.D
 Acq: 16 Jun 2016 18:50

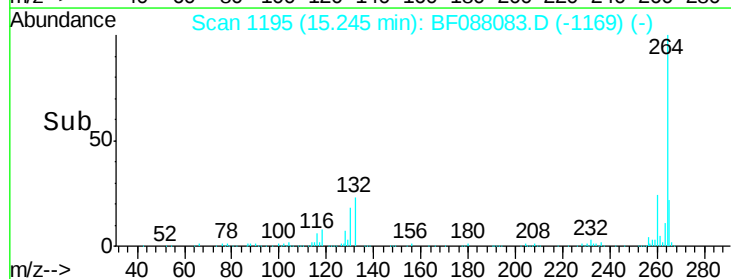
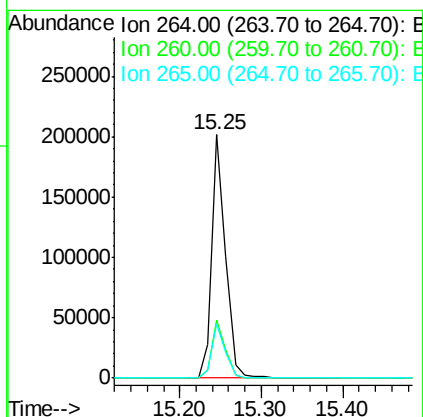
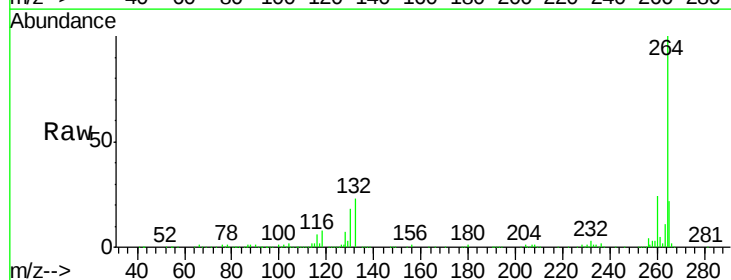
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

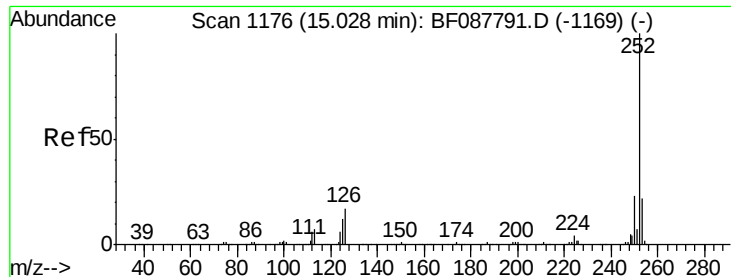
Tgt Ion:244 Resp: 492838
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 16.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088083.D
 Acq: 16 Jun 2016 18:50

Tgt Ion:264 Resp: 239529
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.2 16.9 25.3

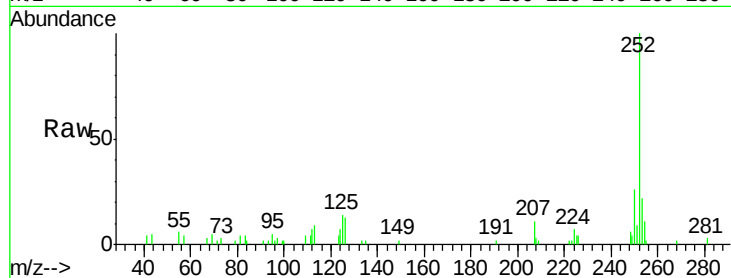




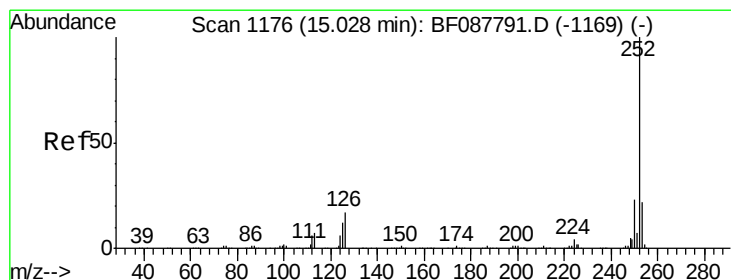
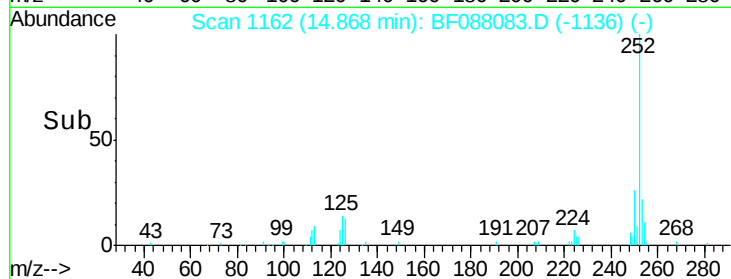
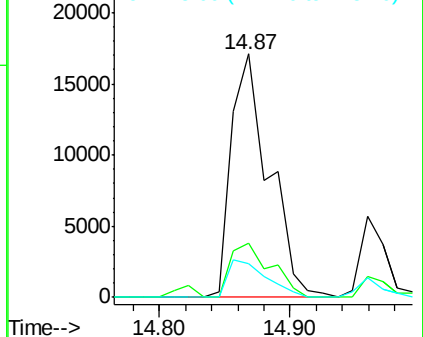
#87
Benzo(b)fluoranthene
Concen: 2.06 ng
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion:252 Resp: 34369
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 13.7 7.1 10.7#

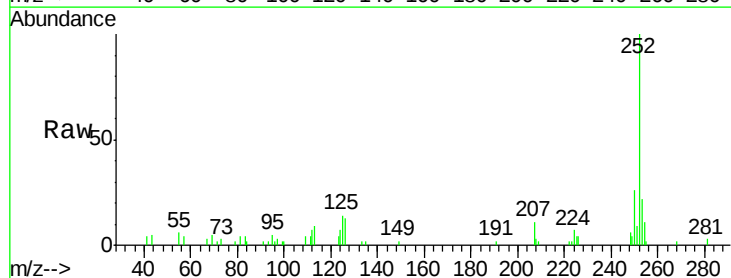


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.73 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF088083.D
Acq: 16 Jun 2016 18:50

Tgt Ion:252 Resp: 34369
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 13.7 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

