

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085510.D
 Acq On : 18 Mar 2016 00:09
 Operator : UM/SJ
 Sample : H1774-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Mar 18 00:51:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

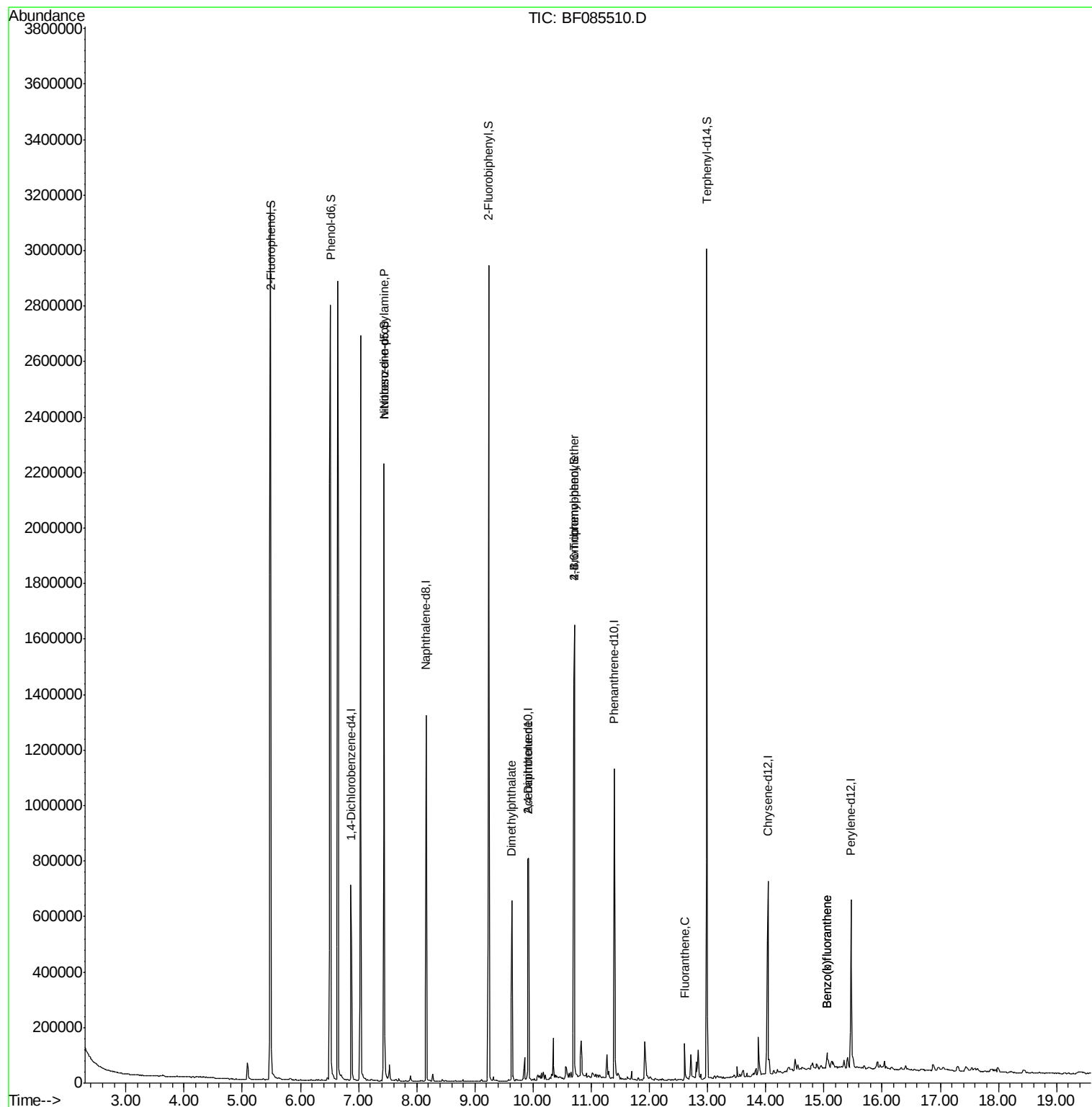
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144221	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	587510	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	238754	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	408711	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	284730	20.00	ng	-0.05
86) Perylene-d12	15.47	264	280310	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1117911	133.24	ng	-0.02
7) Phenol-d6	6.52	99	1487973	136.72	ng	-0.03
23) Nitrobenzene-d5	7.44	82	833419	83.87	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	308707	140.38	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1246441	90.57	ng	-0.05
78) Terphenyl-d14	12.98	244	891684	70.84	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	111868	17.16	ng	# 77
49) Dimethylphthalate	9.64	163	308993	17.74	ng	99
56) 2,4-Dinitrotoluene	9.91	165	30252	6.27	ng	# 21
66) 4-Bromophenyl-phenylether	10.71	248	19981	4.83	ng	# 1
74) Fluoranthene	12.61	202	48844	2.44	ng	98
87) Benzo(b)fluoranthene	15.05	252	38883	2.12	ng	99
88) Benzo(k)fluoranthene	15.05	252	38883	2.71	ng	98

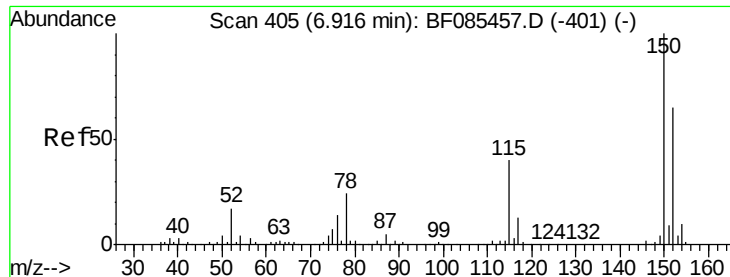
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

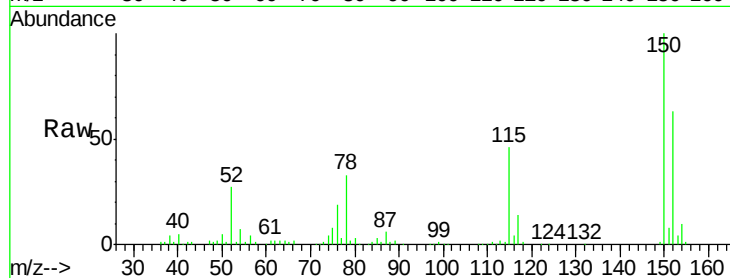
Tgt Ion:152 Resp: 144221

Ion Ratio Lower Upper

152 100

150 159.2 124.6 186.8

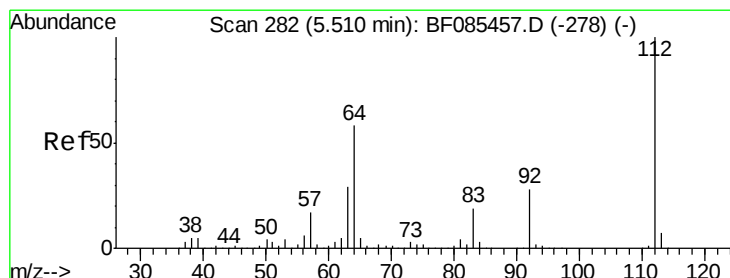
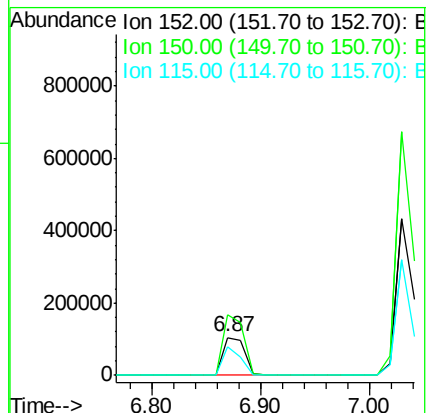
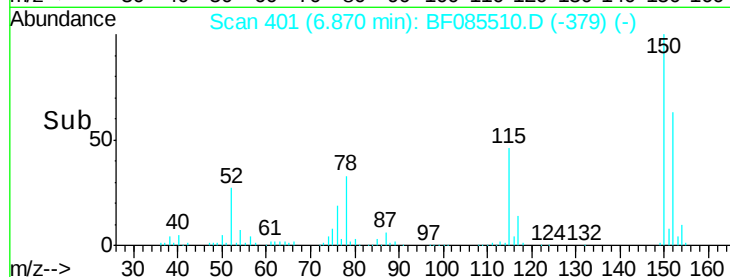
115 73.7 46.6 70.0#



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: 133.24 ng

RT: 5.49 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

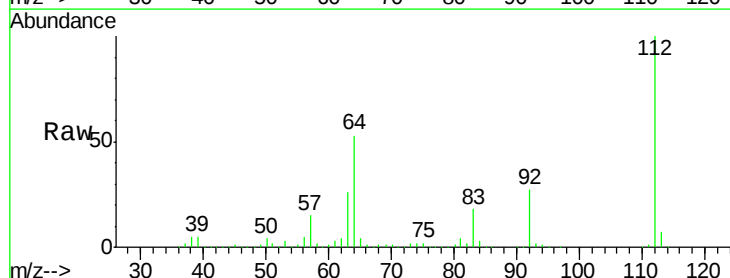
Tgt Ion:112 Resp: 1117911

Ion Ratio Lower Upper

112 100

64 52.9 49.0 73.4

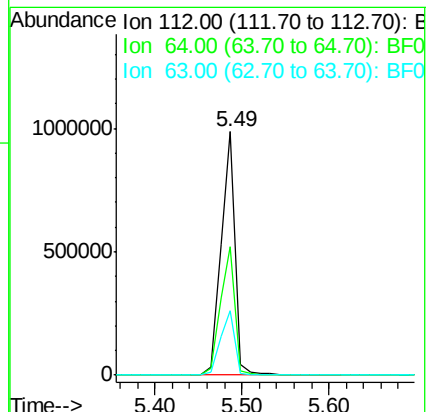
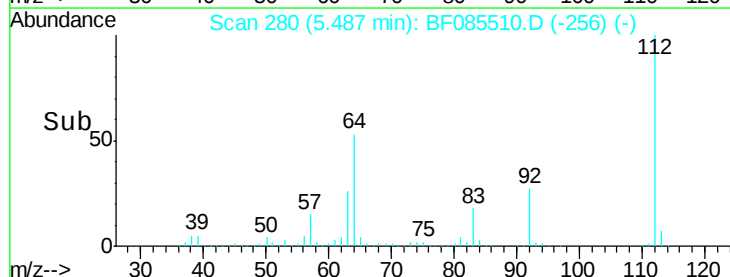
63 26.5 24.8 37.2

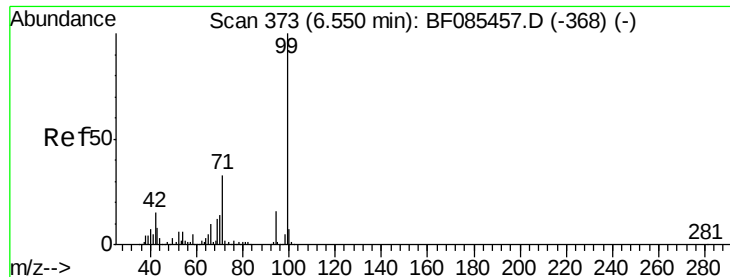


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.72 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

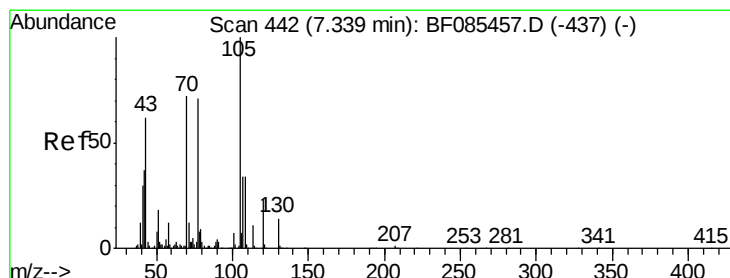
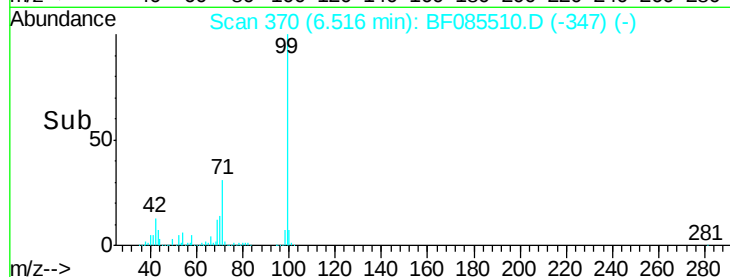
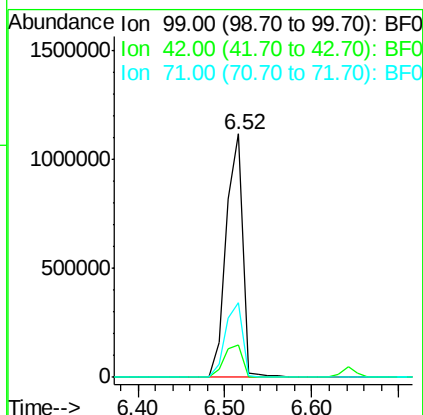
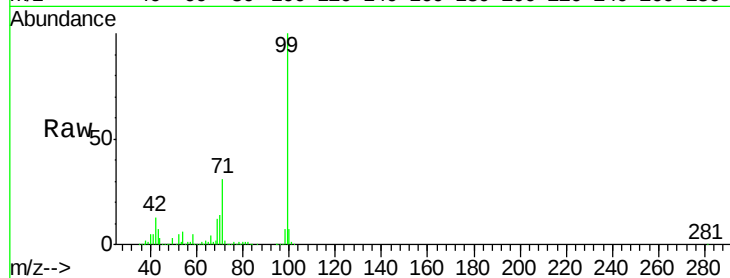
Tgt Ion: 99 Resp: 1487973

Ion Ratio Lower Upper

99 100

42 13.4 13.6 20.4#

71 30.9 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 17.16 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.10 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

Tgt Ion: 70 Resp: 111868

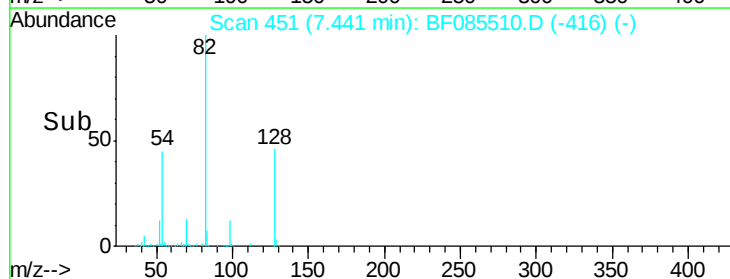
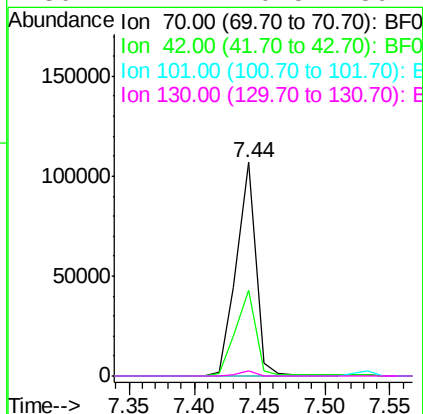
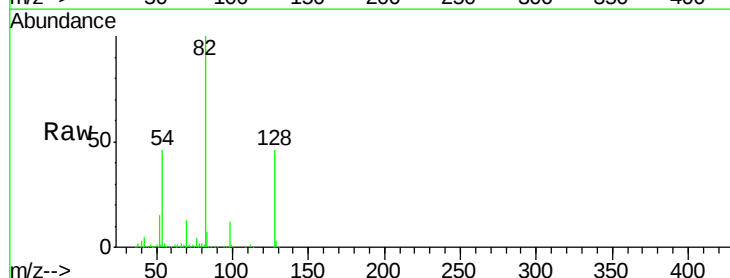
Ion Ratio Lower Upper

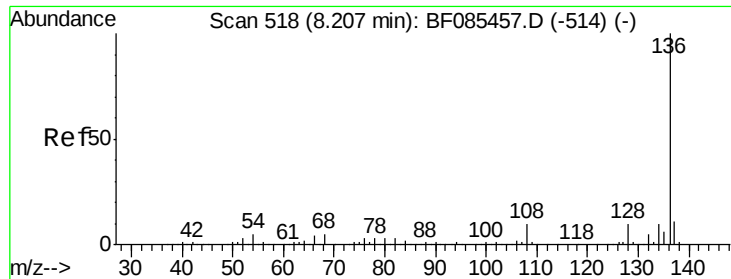
70 100

42 40.2 37.7 56.5

101 0.0 8.2 12.4#

130 2.4 20.5 30.7#

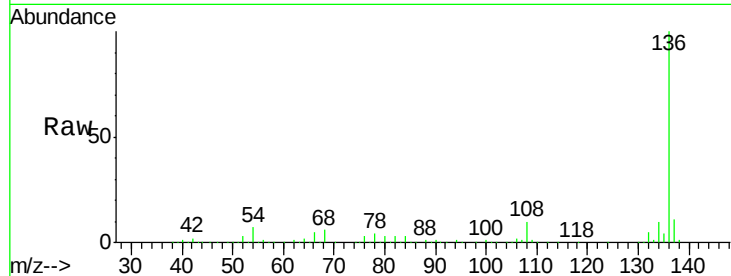




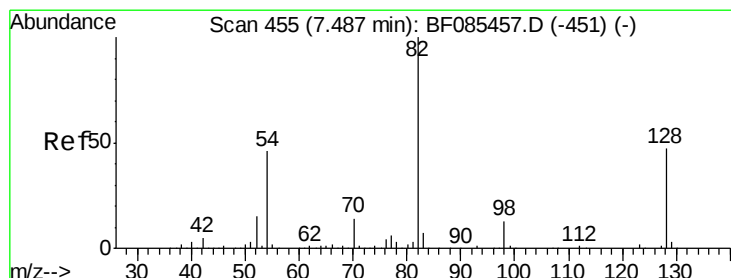
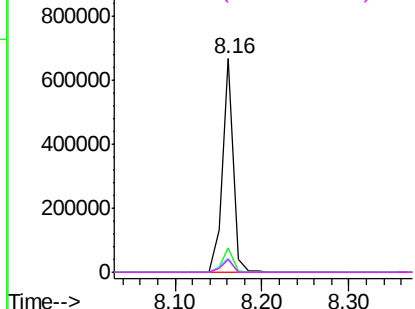
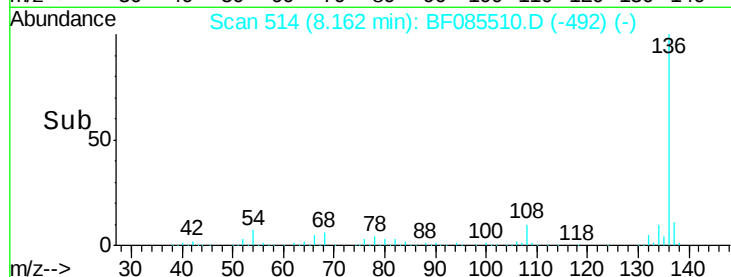
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085510.D
Acq: 18 Mar 2016 00:09

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	6.9	7.4	11.2#
68	5.8	6.0	9.0#

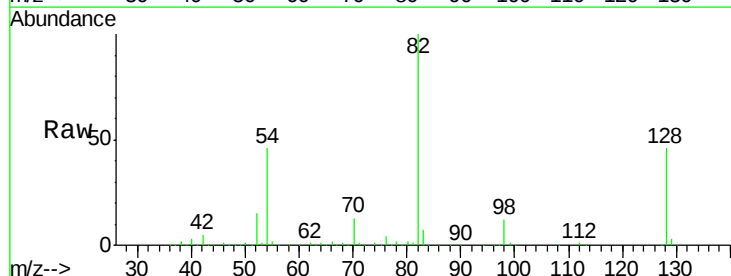


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

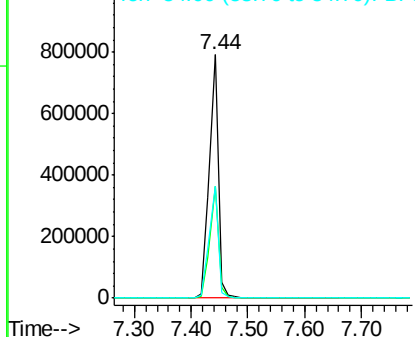
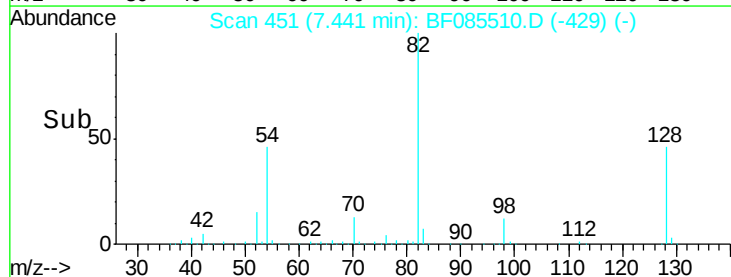


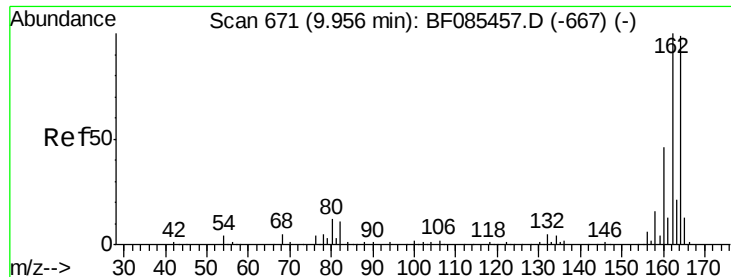
#23
Nitrobenzene-d5
Concen: 83.87 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085510.D
Acq: 18 Mar 2016 00:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.5	51.7
54	45.8	39.3	58.9



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

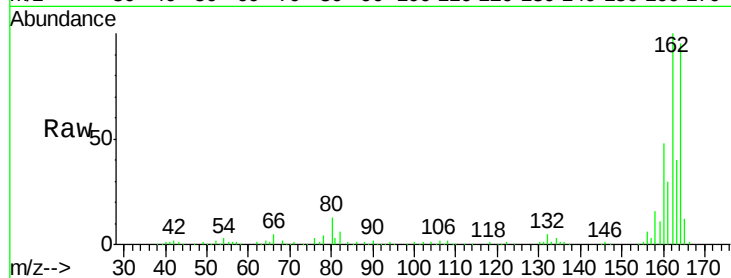
Tgt Ion:164 Resp: 238754

Ion Ratio Lower Upper

164 100

162 105.4 83.3 124.9

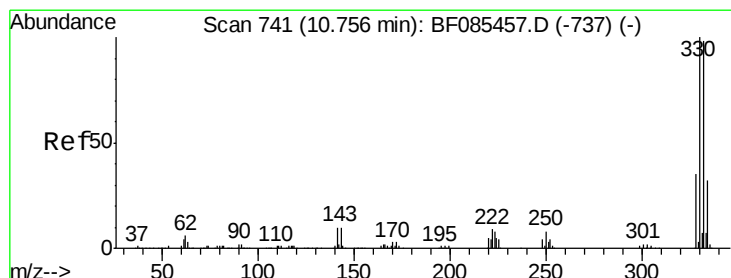
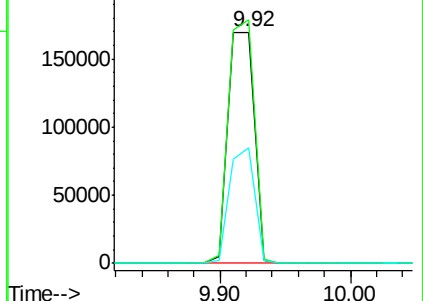
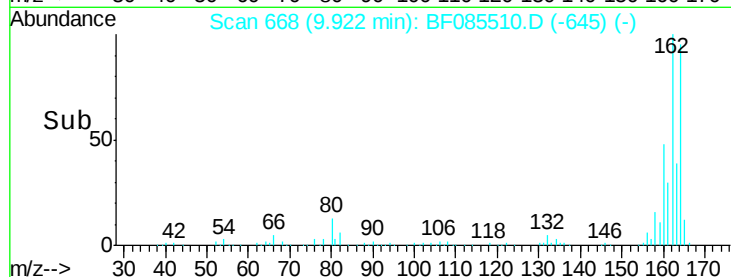
160 50.1 37.9 56.9



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: 140.38 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

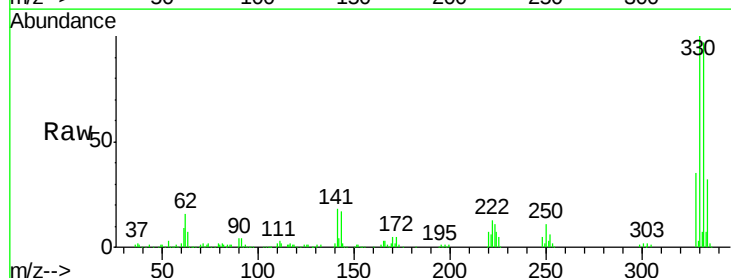
Tgt Ion:330 Resp: 308707

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

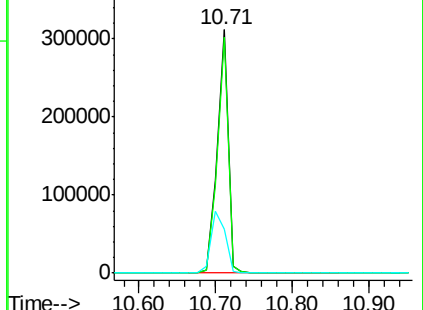
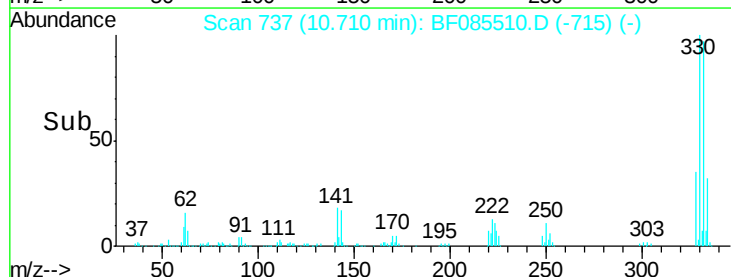
141 33.2 35.0 52.6#

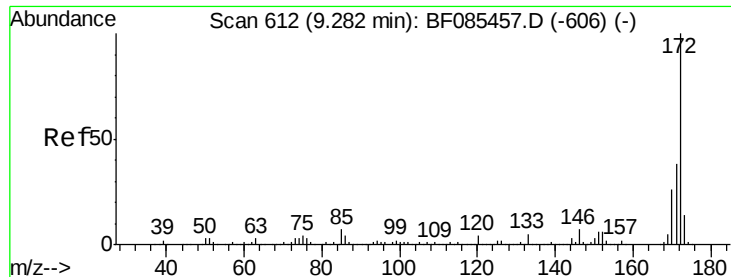


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

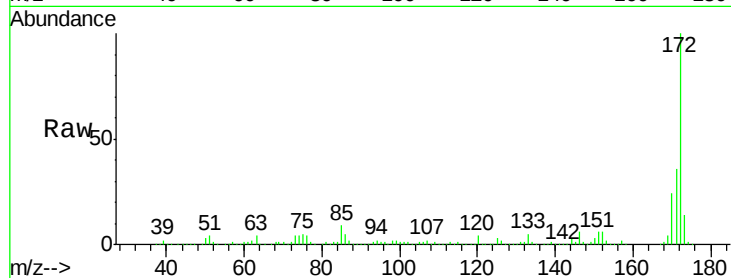




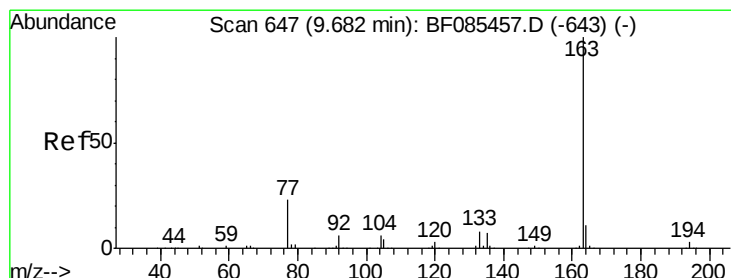
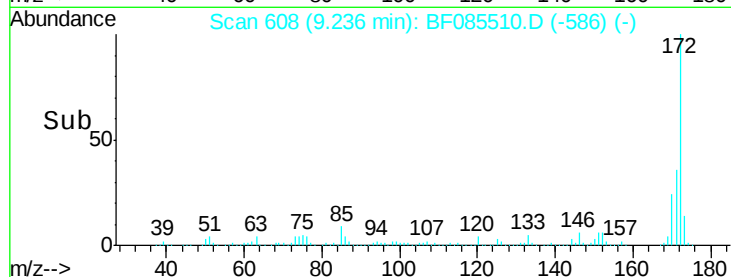
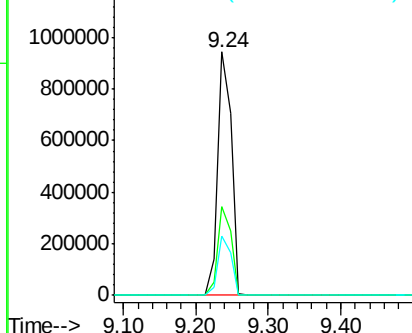
#44
 2-Fluorobiphenyl
 Concen: 90.57 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085510.D
 Acq: 18 Mar 2016 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Tgt Ion:172 Resp: 1246441
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.5 20.0 30.0

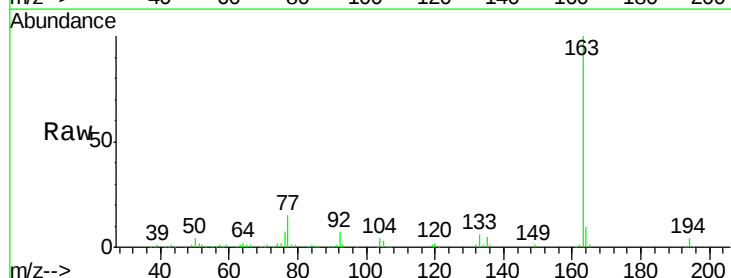


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

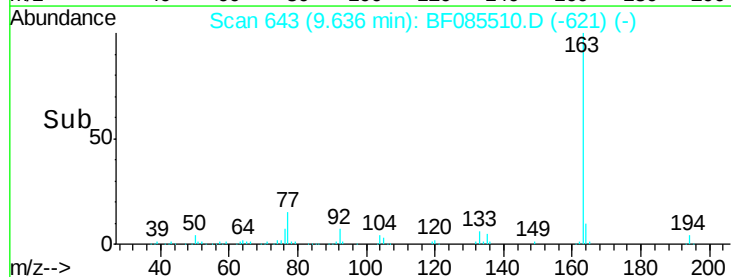
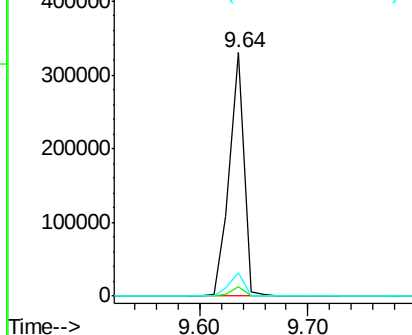


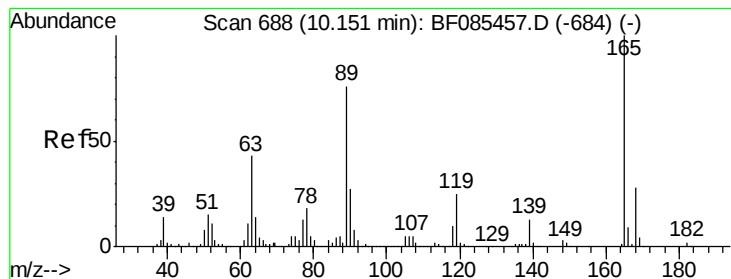
#49
 Dimethylphthalate
 Concen: 17.74 ng
 RT: 9.64 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF085510.D
 Acq: 18 Mar 2016 00:09

Tgt Ion:163 Resp: 308993
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.1 4.7
 164 9.7 8.2 12.4



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: 6.27 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.24 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

Tgt Ion:165 Resp: 30252

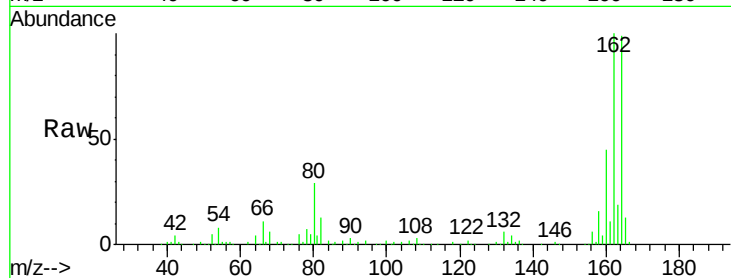
Ion Ratio Lower Upper

165 100

63 0.0 35.4 53.0#

89 1.6 61.9 92.9#

182 0.0 1.9 2.9#

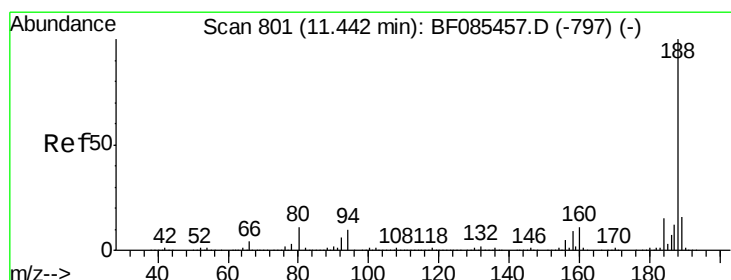
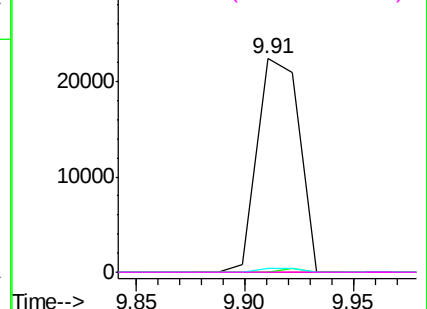
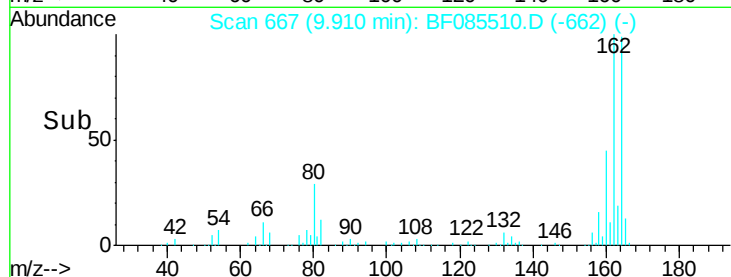


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 797

Delta R.T. -0.05 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

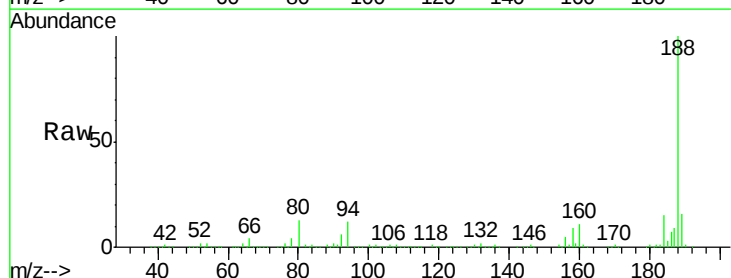
Tgt Ion:188 Resp: 408711

Ion Ratio Lower Upper

188 100

94 12.0 7.0 10.6#

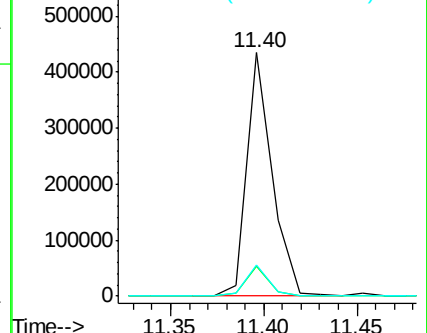
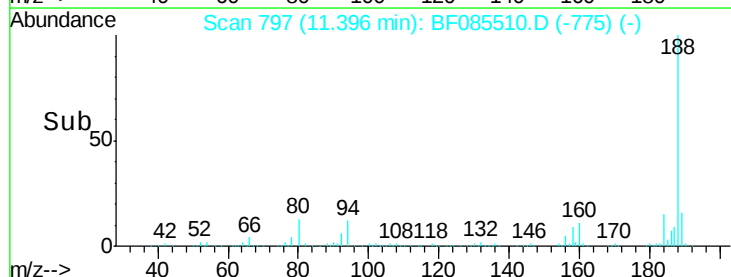
80 12.9 7.4 11.0#

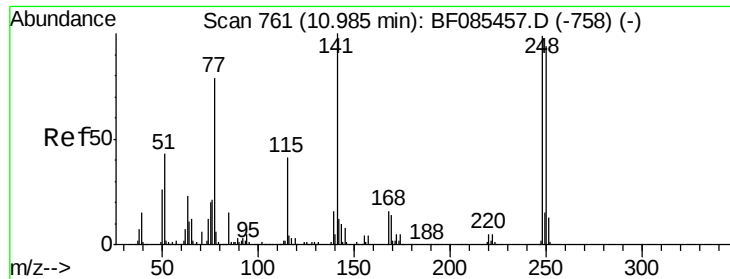


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

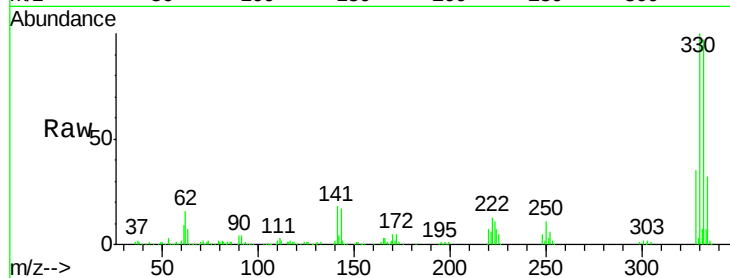




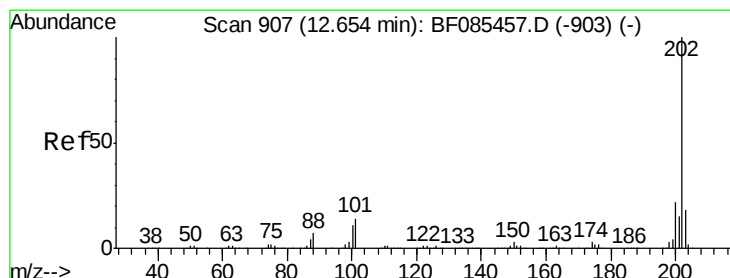
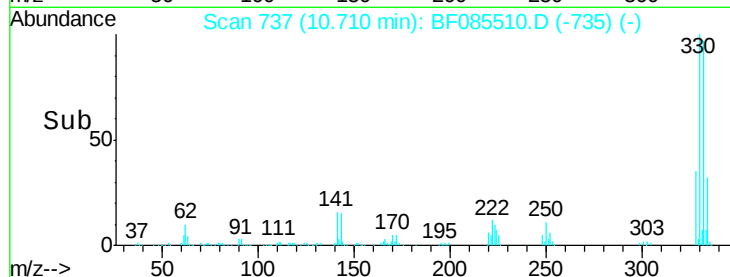
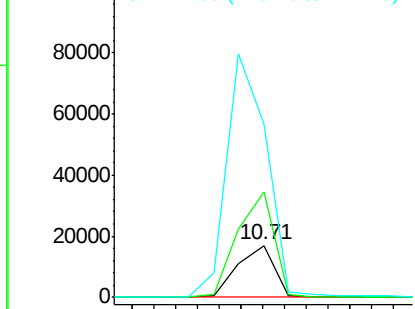
#66
 4-Bromophenyl-phenylether
 Concen: 4.83 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.27 min
 Lab File: BF085510.D
 Acq: 18 Mar 2016 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Tgt Ion:248 Resp: 19981
 Ion Ratio Lower Upper
 248 100
 250 201.5 77.1 115.7#
 141 331.8 66.2 99.2#

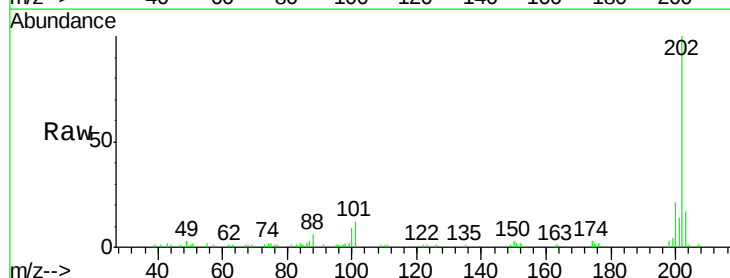


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

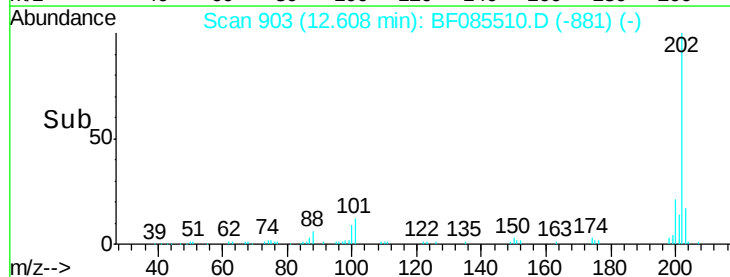
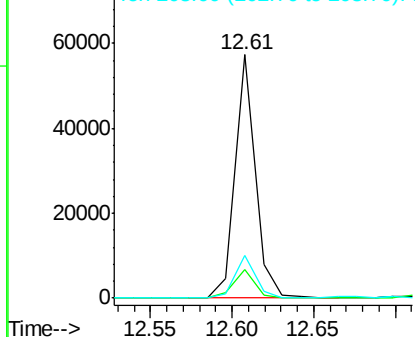


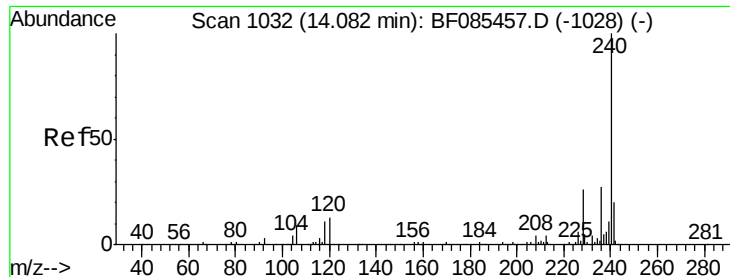
#74
 Fluoranthene
 Concen: 2.44 ng
 RT: 12.61 min Scan# 903
 Delta R.T. -0.05 min
 Lab File: BF085510.D
 Acq: 18 Mar 2016 00:09

Tgt Ion:202 Resp: 48844
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.8
 203 17.4 0.0 38.4



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: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

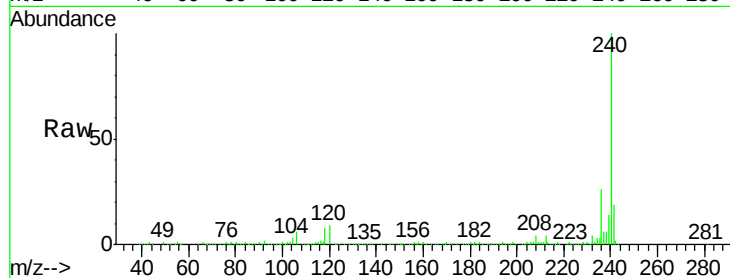
Tgt Ion:240 Resp: 284730

Ion Ratio Lower Upper

240 100

120 8.6 5.3 7.9#

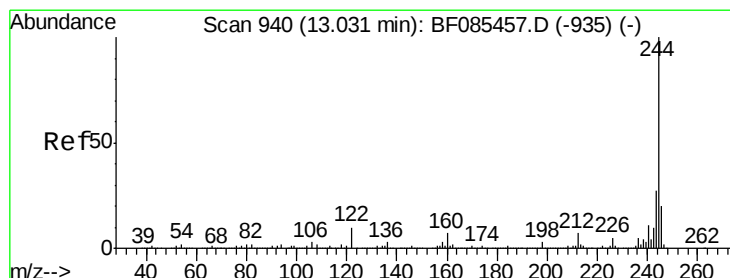
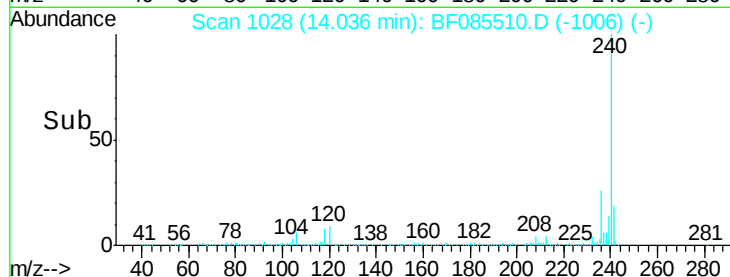
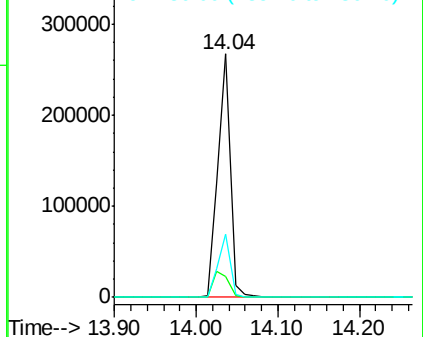
236 26.0 20.7 31.1



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: 70.84 ng

RT: 12.98 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085510.D

Acq: 18 Mar 2016 00:09

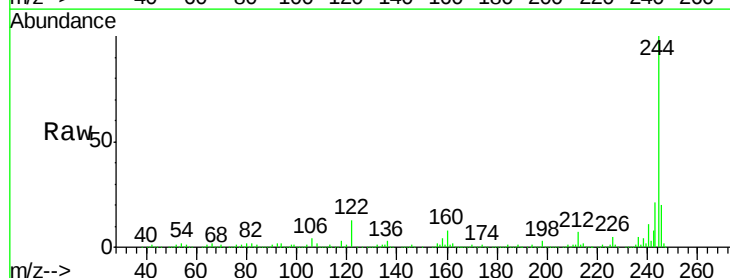
Tgt Ion:244 Resp: 891684

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

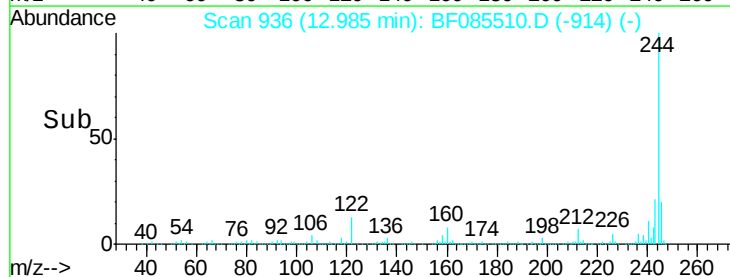
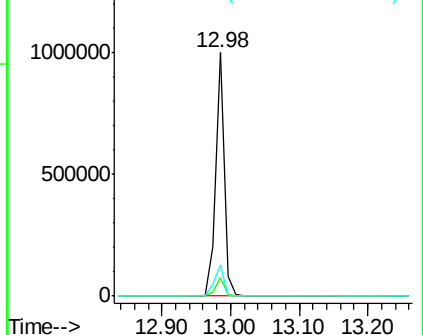
122 12.7 11.4 17.2

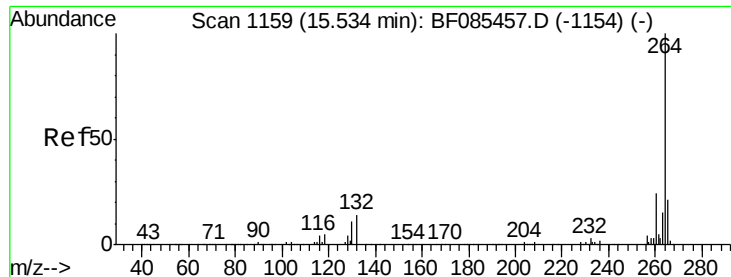


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

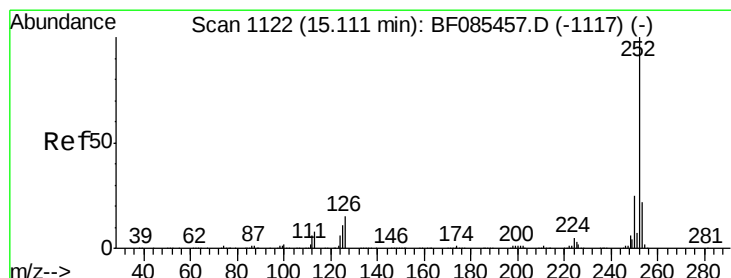
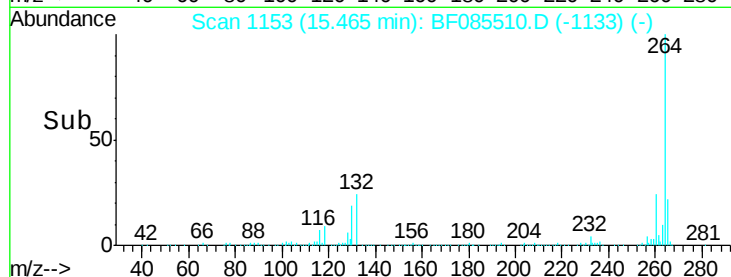
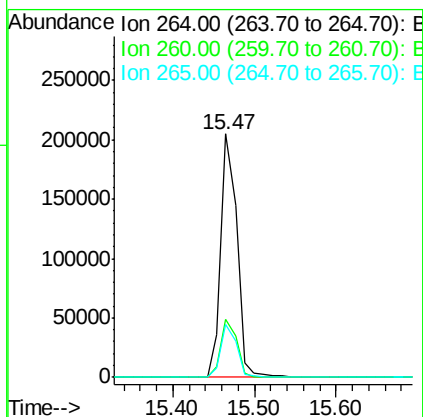
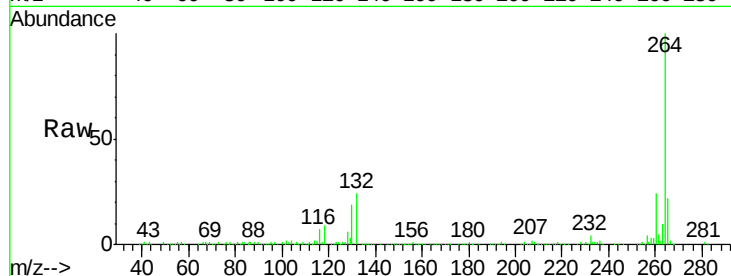




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF085510.D
Acq: 18 Mar 2016 00:09

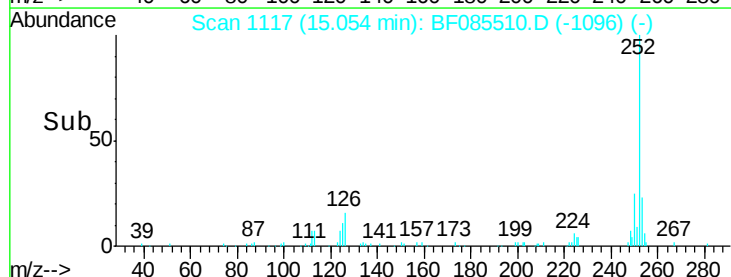
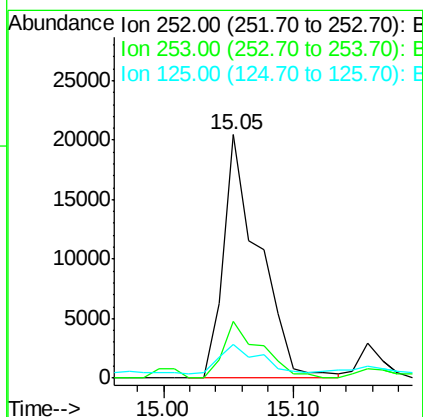
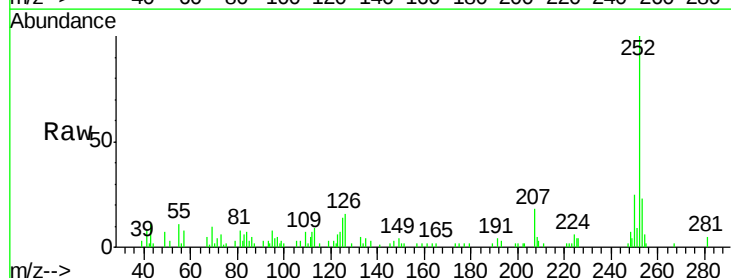
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

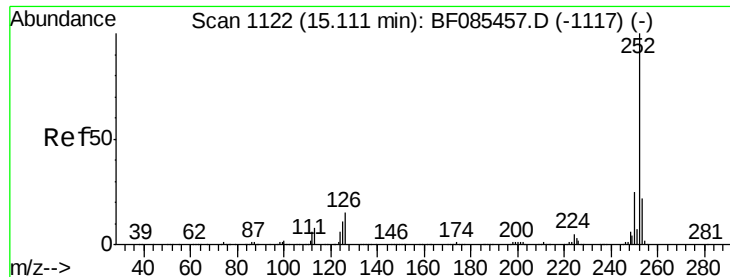
Tgt Ion: 264 Resp: 280310
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.0 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 2.12 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF085510.D
Acq: 18 Mar 2016 00:09

Tgt Ion: 252 Resp: 38883
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 14.0 11.3 16.9





#88

Benzo(k)fluoranthene

Concen: 2.71 ng

RT: 15.05 min Scan# 1117

Delta R.T. -0.09 min

Lab File: BF085510.D

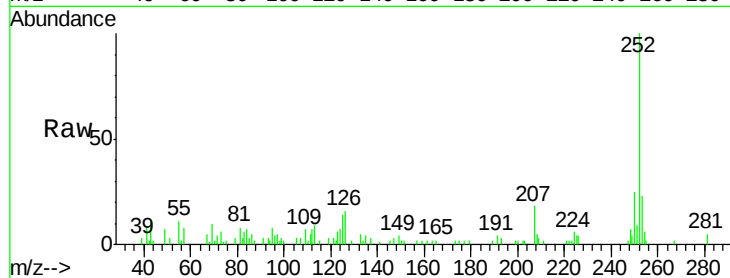
Acq: 18 Mar 2016 00:09

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP



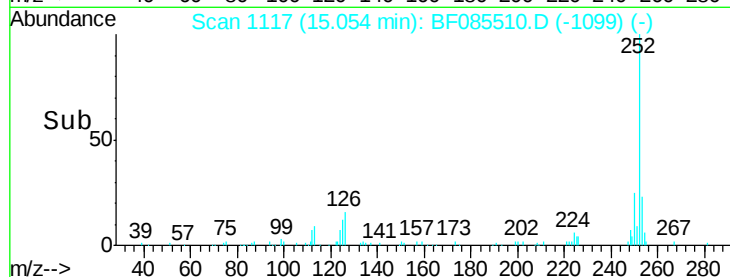
Tgt Ion: 252 Resp: 38883

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 14.0 10.4 15.6



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

