

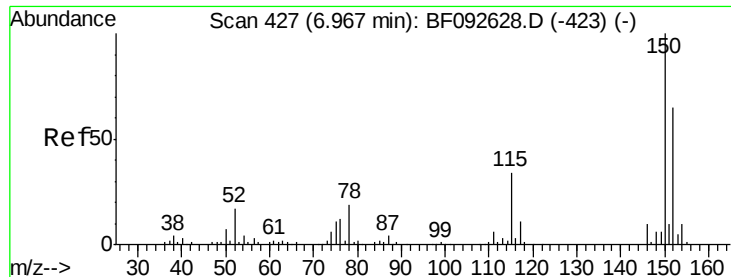
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
 Data File : BF092805.D
 Acq On : 6 Feb 2017 19:37
 Operator : SJ/MA
 Sample : I1692-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMP

Quant Time: Feb 07 01:09:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	143060	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	536382	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	328501	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	553300	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	497592	20.00	ng	-0.07
86) Perylene-d12	15.53	264	387101	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1105634	132.59	ng	-0.04
7) Phenol-d6	6.56	99	1484565	138.37	ng	-0.05
23) Nitrobenzene-d5	7.48	82	979945	101.74	ng	-0.06
41) 2,4,6-Tribromophenol	10.75	330	347641	146.32	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	1717640	94.73	ng	-0.06
78) Terphenyl-d14	13.03	244	1470267	69.43	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.48	70	128341	18.79	ng	# 76
25) Isophorone	7.48	82	977240	54.45	ng	# 65
49) Dimethylphthalate	9.66	163	493098	22.29	ng	99
56) 2,4-Dinitrotoluene	9.95	165	42394	6.66	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.74	198	549	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	22744	3.93	ng	# 1

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

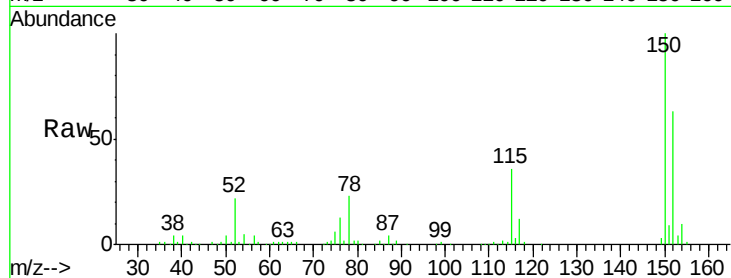


#1

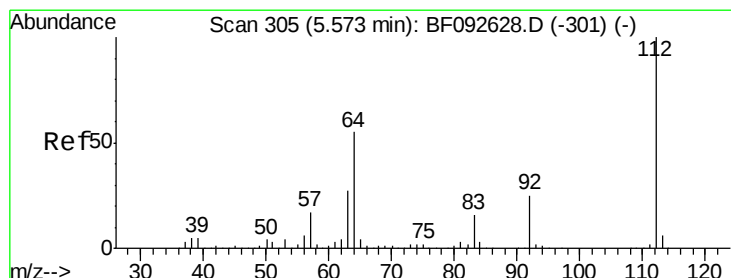
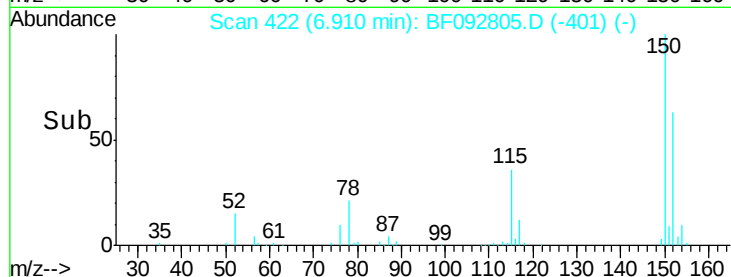
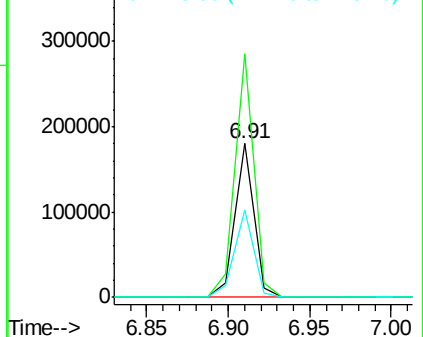
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092805.D
Acq: 6 Feb 2017 19:37

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMP

Tgt Ion:152 Resp: 143060
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 56.9 46.0 69.0



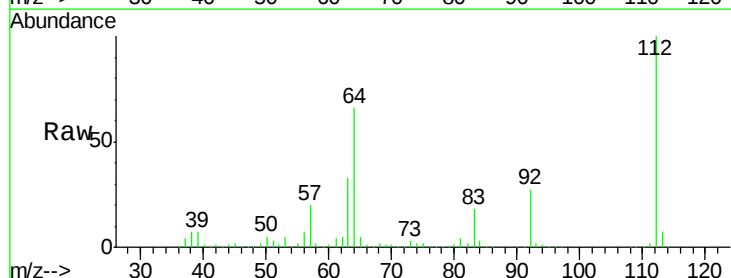
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



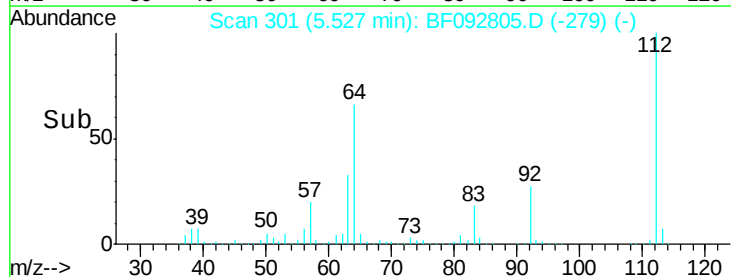
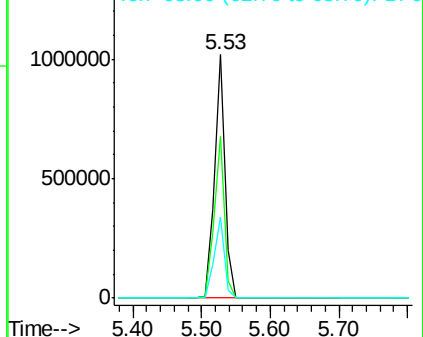
#5

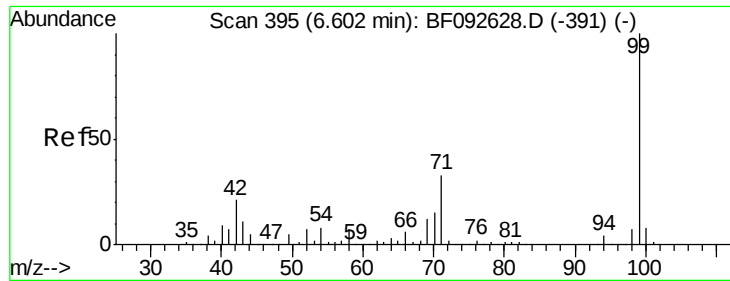
2-Fluorophenol
Concen: 132.59 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092805.D
Acq: 6 Feb 2017 19:37

Tgt Ion:112 Resp: 1105634
Ion Ratio Lower Upper
112 100
64 66.2 46.1 69.1
63 33.1 23.8 35.6



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: 138.37 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

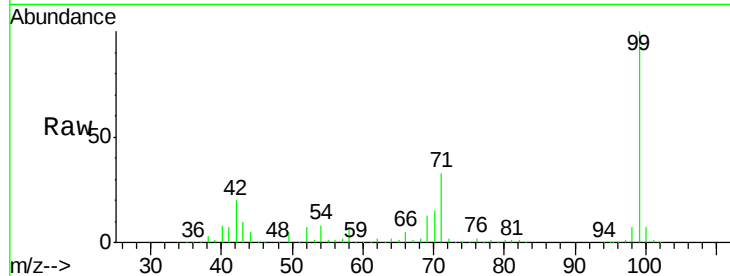
Tgt Ion: 99 Resp: 1484565

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

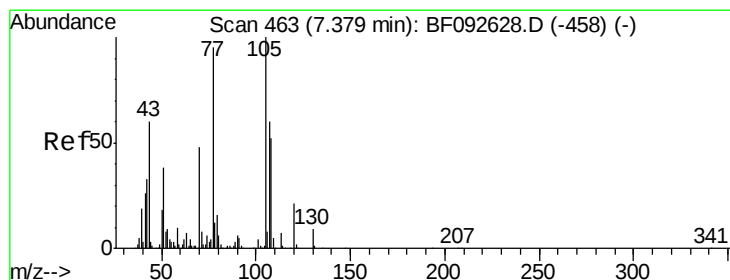
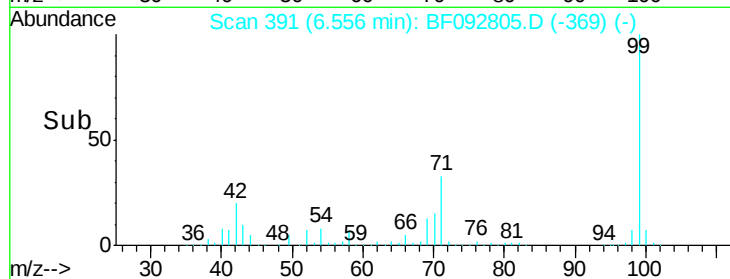
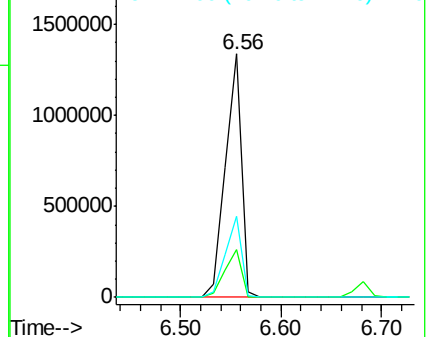
71 33.4 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.79 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.10 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

Tgt Ion: 70 Resp: 128341

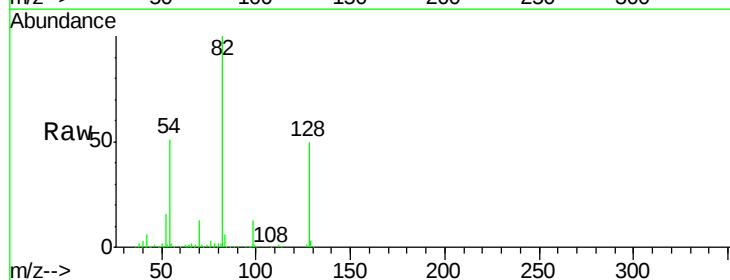
Ion Ratio Lower Upper

70 100

42 45.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

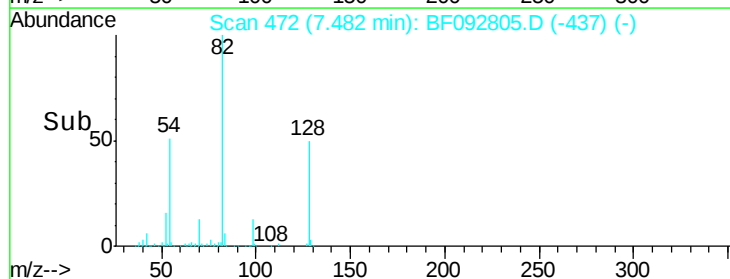
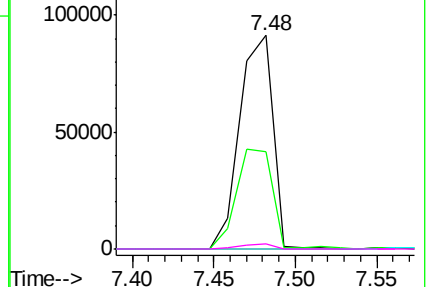


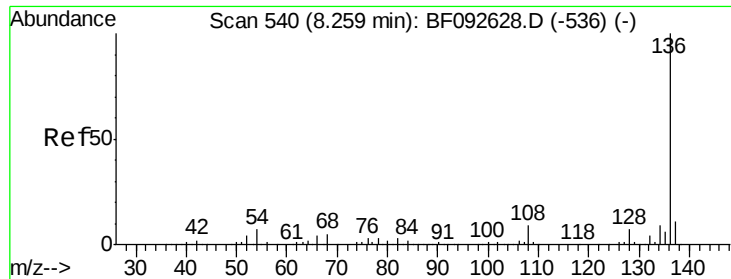
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

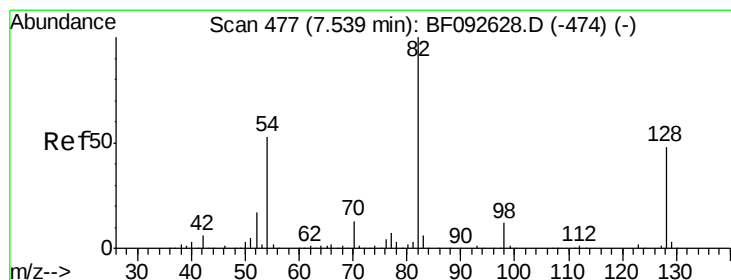
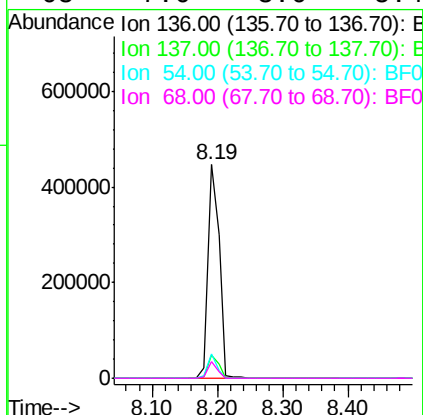
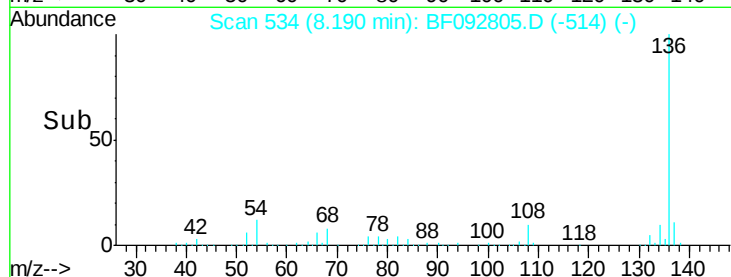
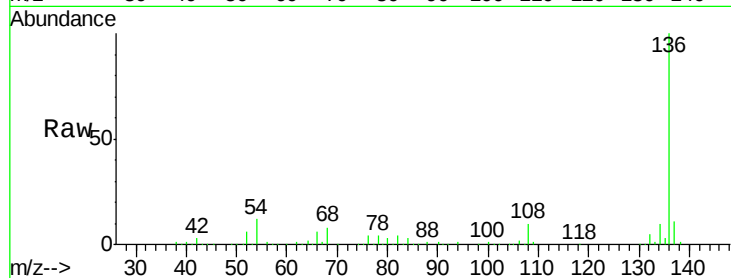




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092805.D
Acq: 6 Feb 2017 19:37

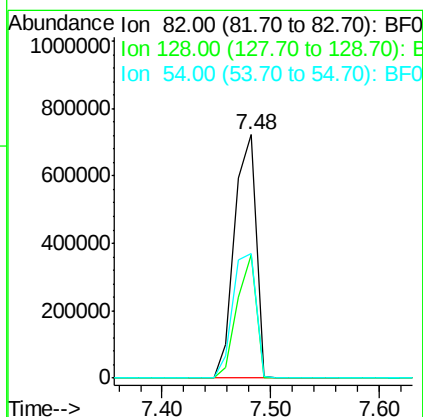
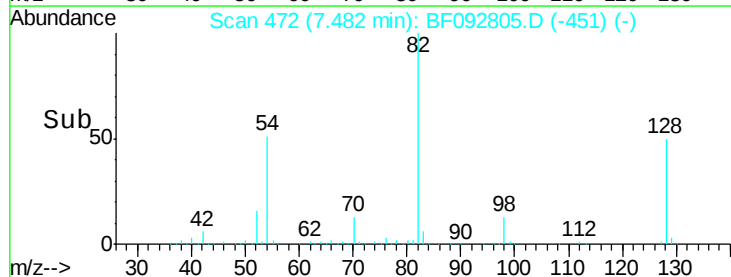
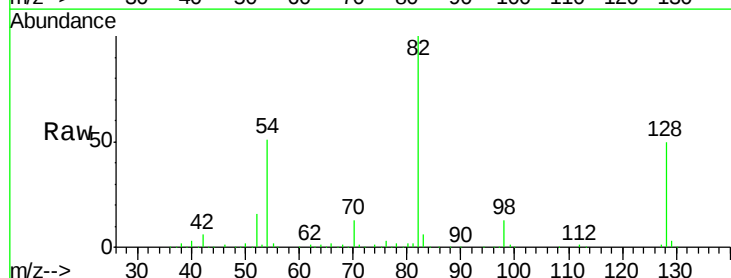
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMP

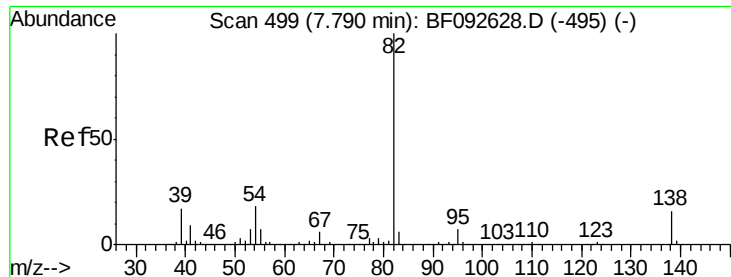
Tgt Ion:	136	Resp:	536382
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.7	4.5	6.7#
68	7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 101.74 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092805.D
Acq: 6 Feb 2017 19:37

Tgt Ion:	82	Resp:	979945
Ion	Ratio	Lower	Upper
82	100		
128	50.5	34.6	52.0
54	51.0	39.5	59.3





#25

Isophorone

Concen: 54.45 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.31 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

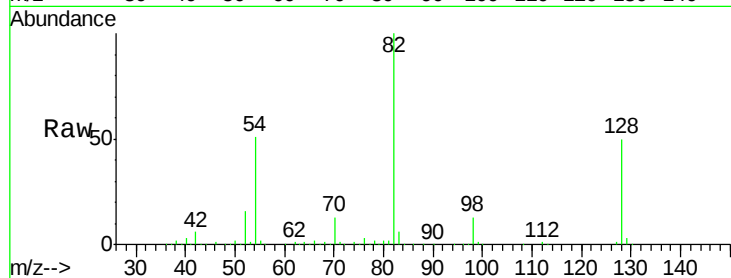
Tgt Ion: 82 Resp: 977240

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

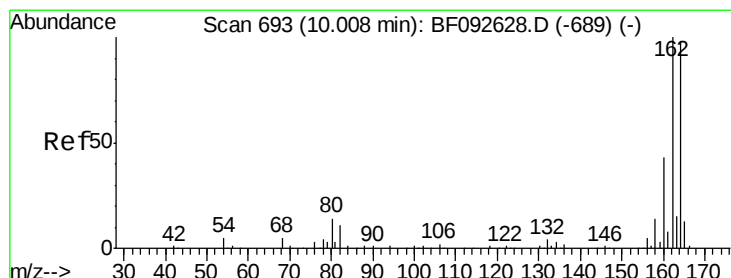
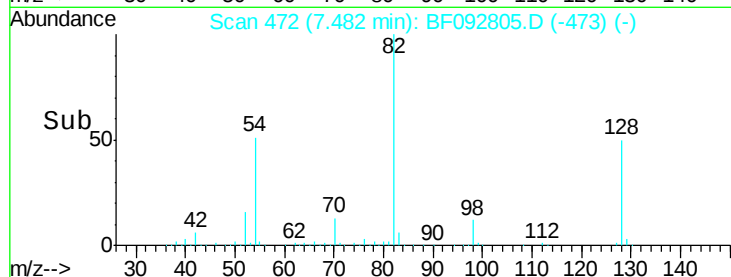
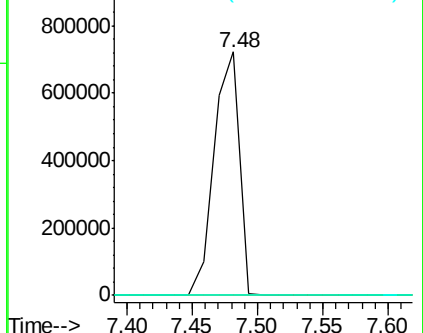
138 0.0 14.6 22.0#



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: 9.95 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

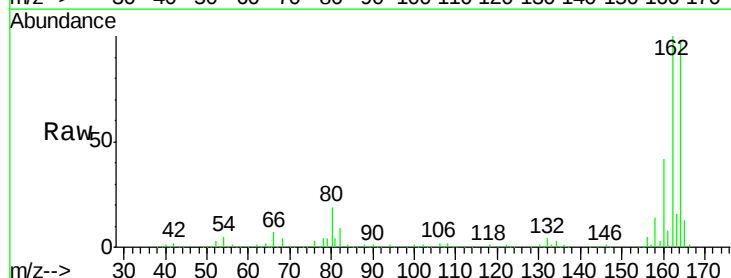
Tgt Ion: 164 Resp: 328501

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

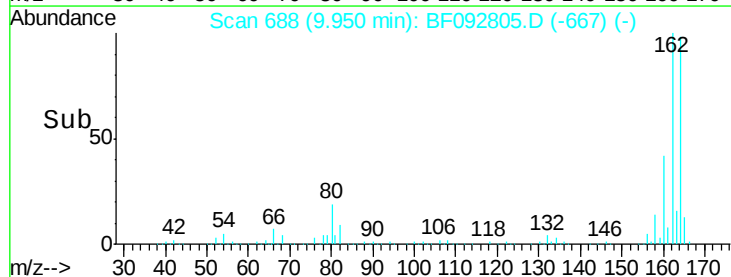
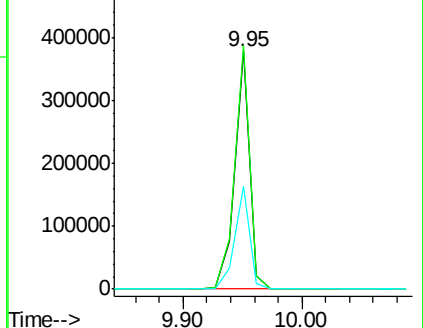
160 43.0 36.9 55.3

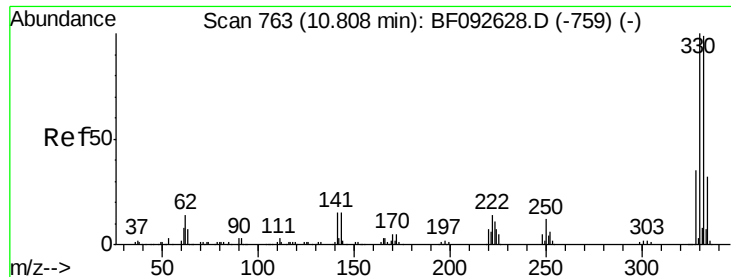


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

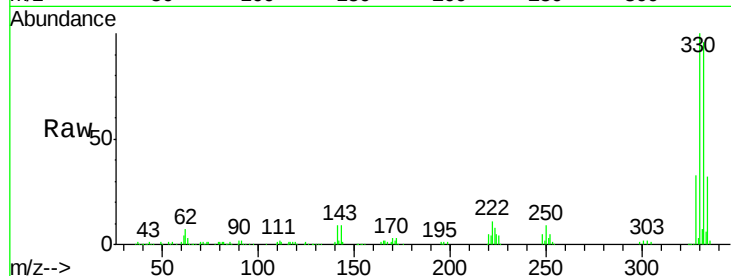




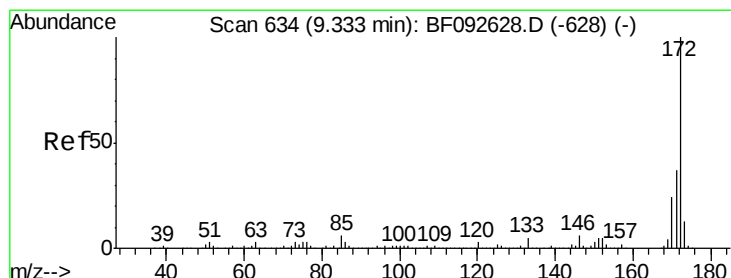
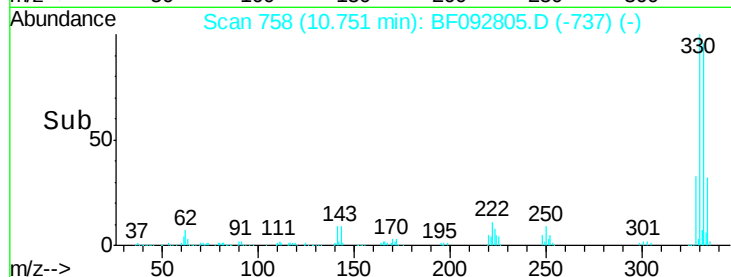
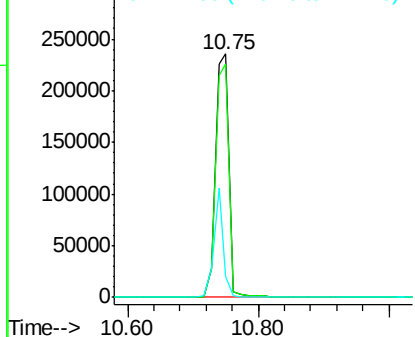
#41
 2,4,6-Tribromophenol
 Concen: 146.32 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.06 min
 Lab File: BF092805.D
 Acq: 6 Feb 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-40-COMP

Tgt Ion:330 Resp: 347641
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 31.8 34.1 51.1#

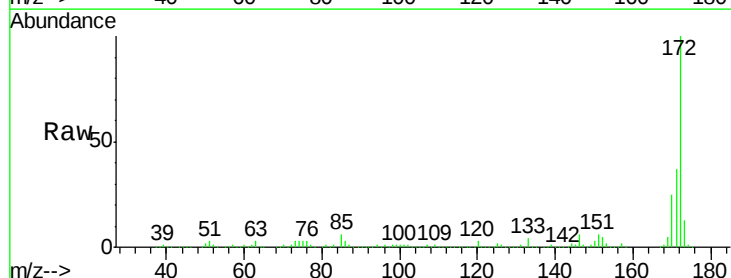


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

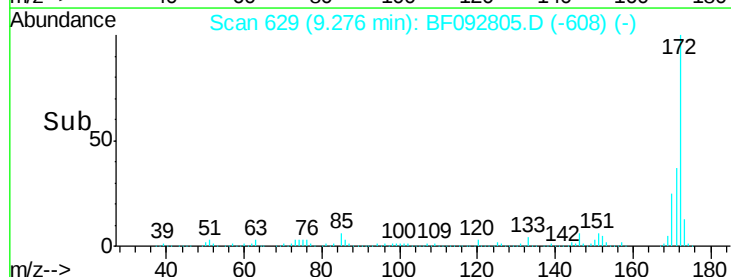
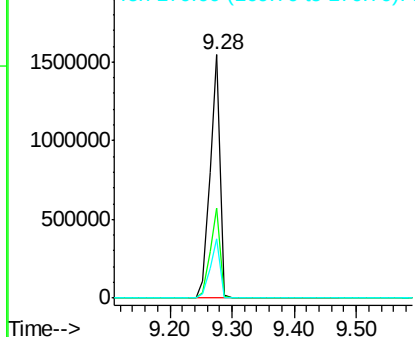


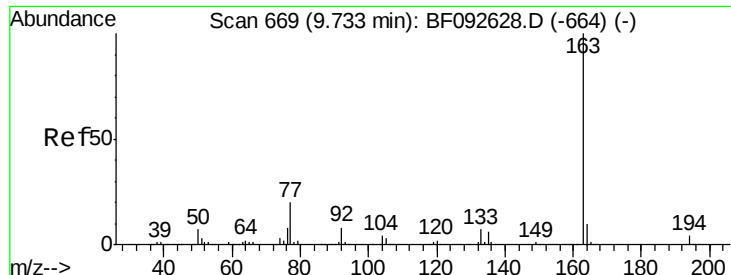
#44
 2-Fluorobiphenyl
 Concen: 94.73 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.06 min
 Lab File: BF092805.D
 Acq: 6 Feb 2017 19:37

Tgt Ion:172 Resp: 1717640
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.5 20.2 30.4



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: 22.29 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

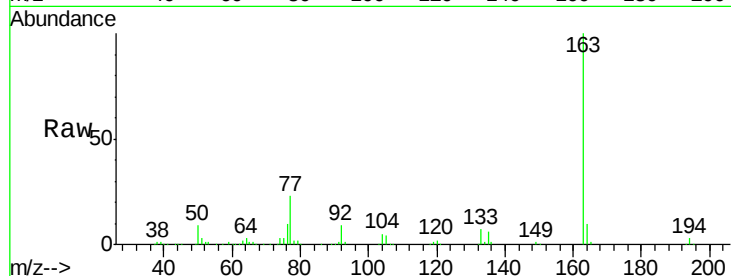
Tgt Ion:163 Resp: 493098

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

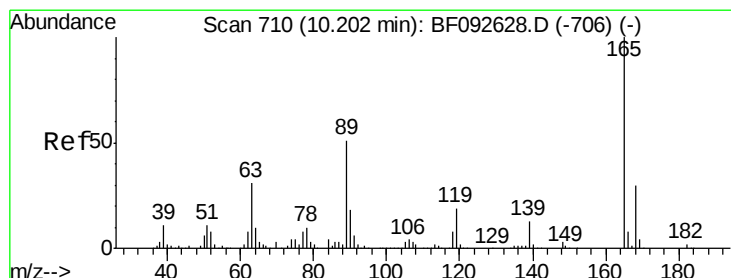
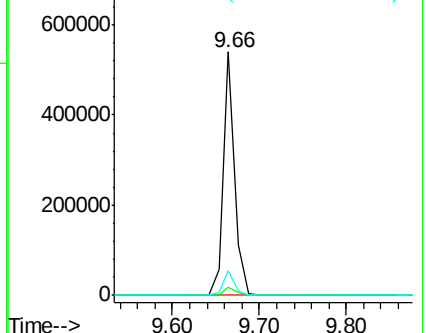
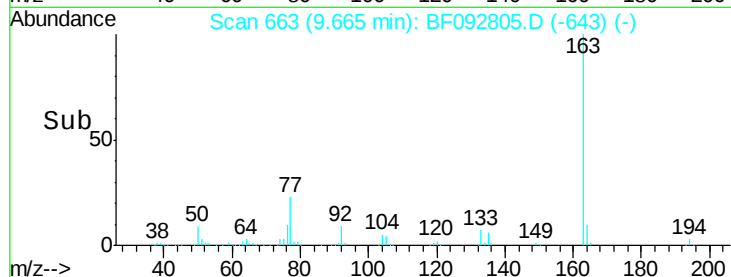
164 10.4 8.0 12.0



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: 6.66 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.25 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

Tgt Ion:165 Resp: 42394

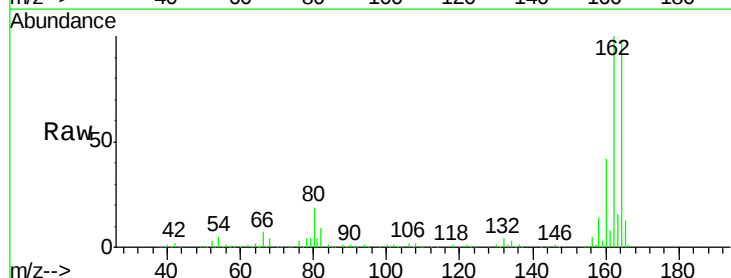
Ion Ratio Lower Upper

165 100

63 0.7 40.2 60.4#

89 0.7 62.5 93.7#

182 0.0 1.8 2.8#

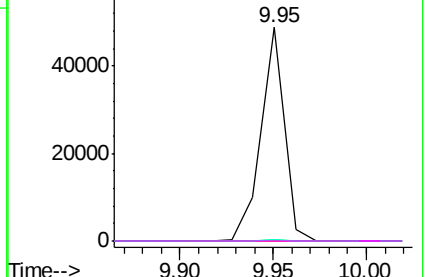
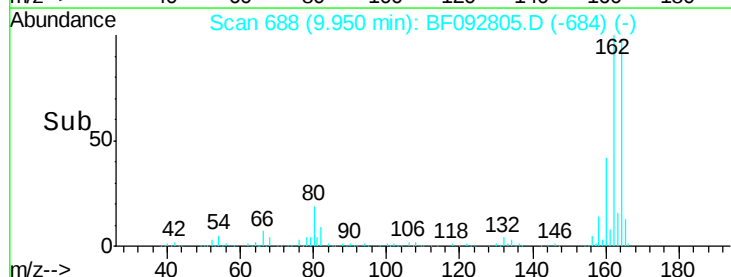


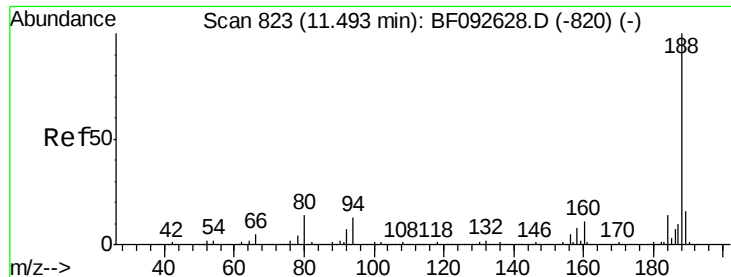
Abundance Ion 165.00 (164.70 to 165.70): E

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

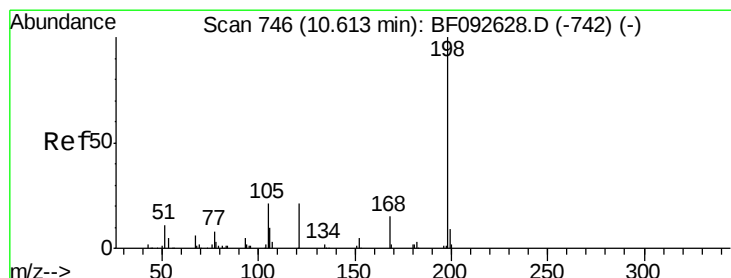
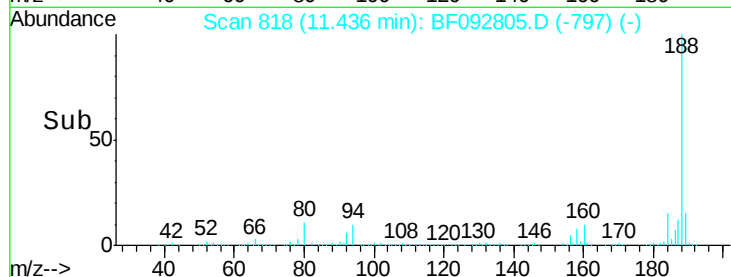
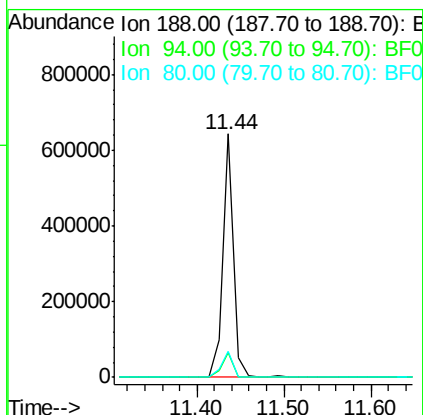
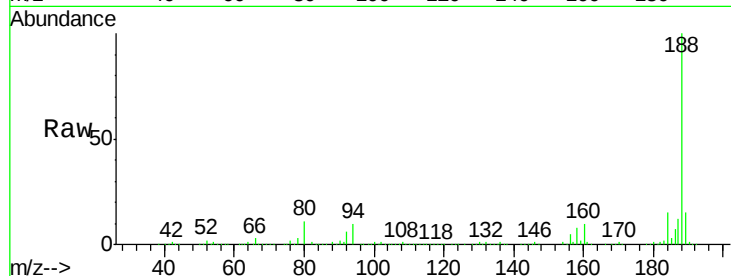




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092805.D
Acq: 6 Feb 2017 19:37

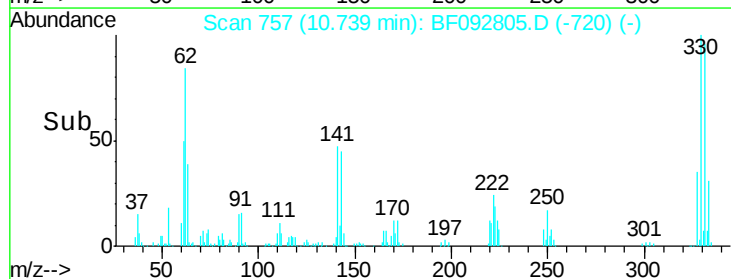
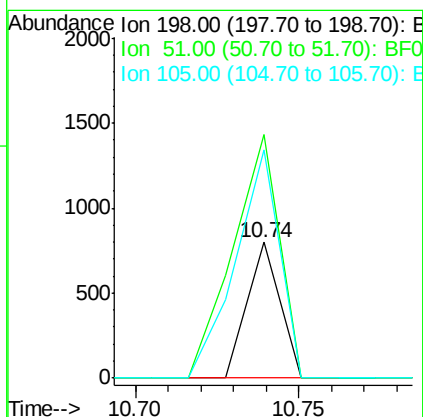
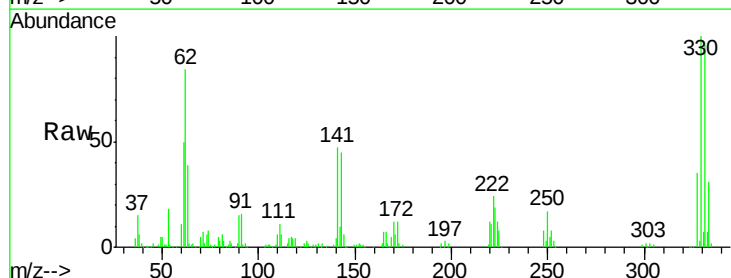
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-40-COMP

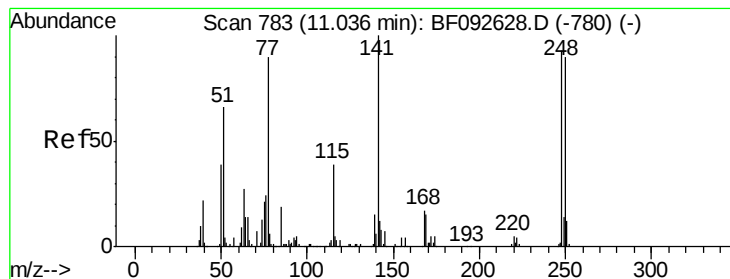
Tgt Ion:188 Resp: 553300
Ion Ratio Lower Upper
188 100
94 10.1 10.0 15.0
80 10.7 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.13 min
Lab File: BF092805.D
Acq: 6 Feb 2017 19:37

Tgt Ion:198 Resp: 549
Ion Ratio Lower Upper
198 100
51 179.0 6.7 46.7#
105 167.5 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.93 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

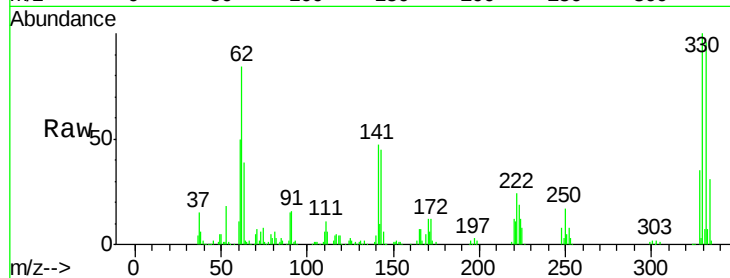
Tgt Ion:248 Resp: 22744

Ion Ratio Lower Upper

248 100

250 208.6 76.9 115.3#

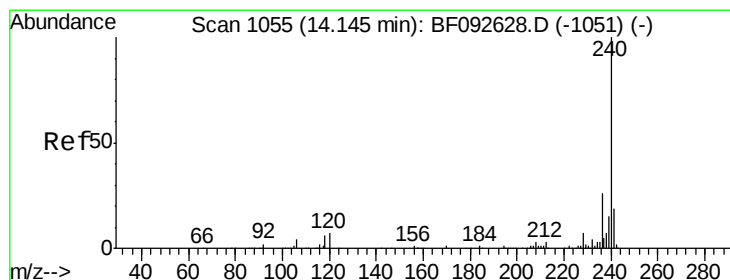
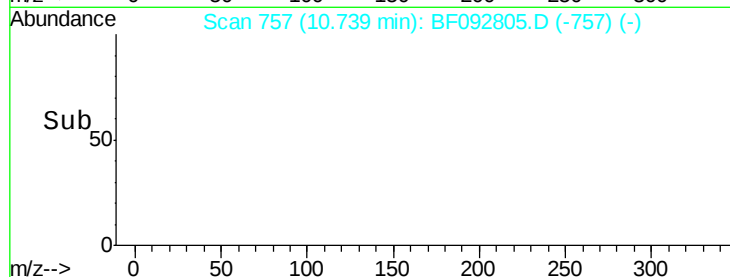
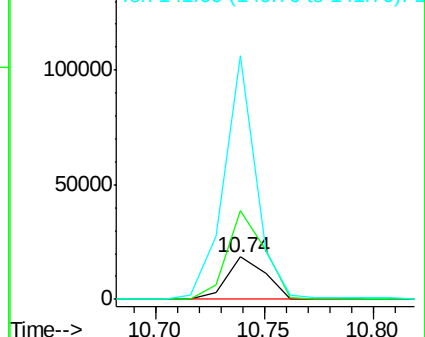
141 574.2 68.2 102.4#



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: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

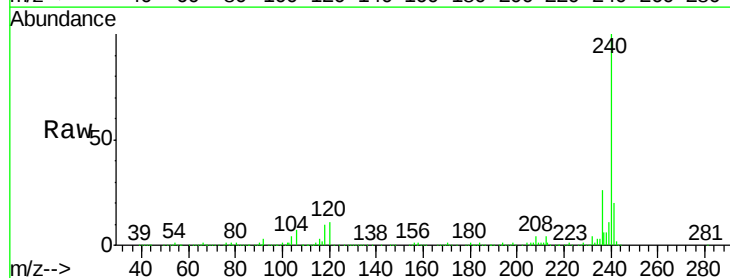
Tgt Ion:240 Resp: 497592

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

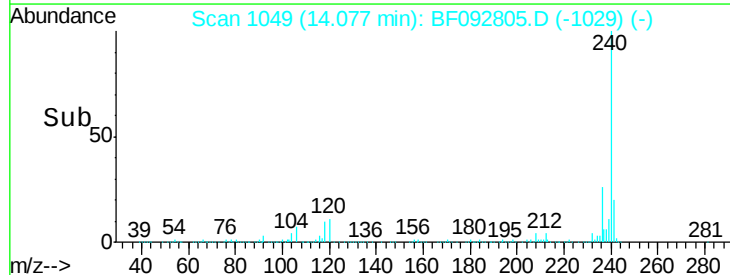
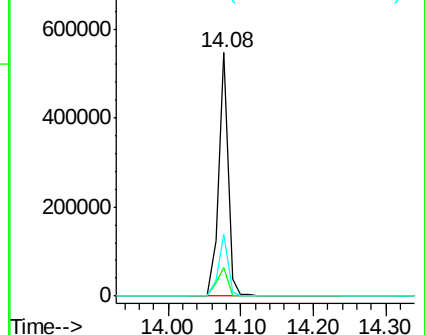
236 25.6 20.9 31.3

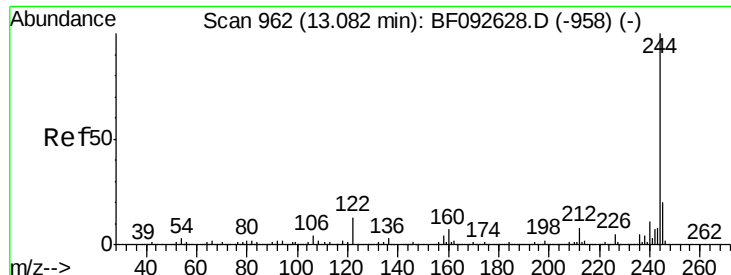


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.43 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.06 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-15-40-COMP

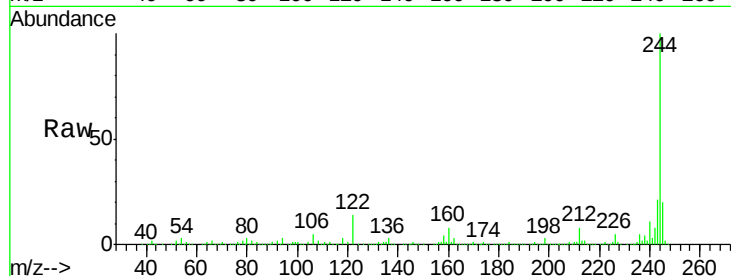
Tgt Ion:244 Resp: 1470267

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

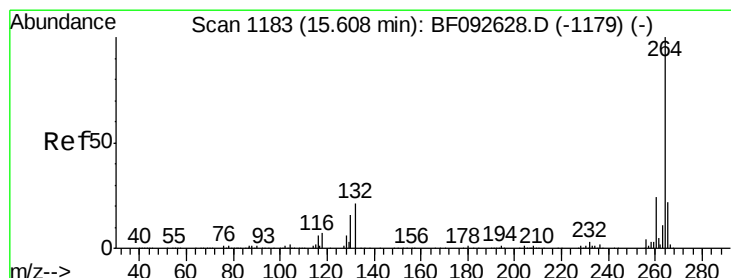
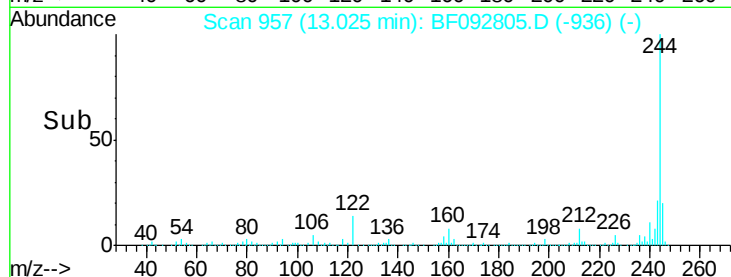
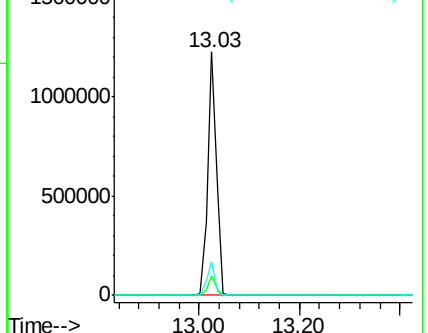
122 14.0 11.4 17.2



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: 15.53 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF092805.D

Acq: 6 Feb 2017 19:37

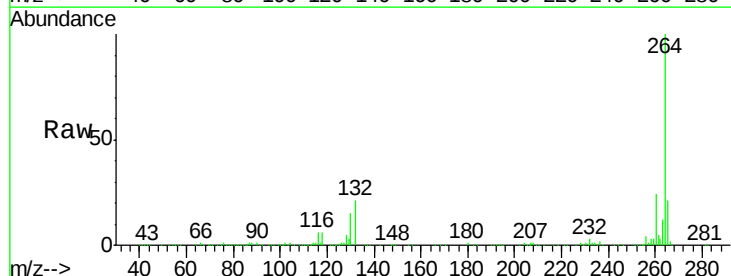
Tgt Ion:264 Resp: 387101

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 17.4 26.0



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

