

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090325.D
 Acq On : 30 Sep 2016 21:16
 Operator : UM/SJ
 Sample : H5023-06 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-2-09272016

Quant Time: Sep 30 22:59:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

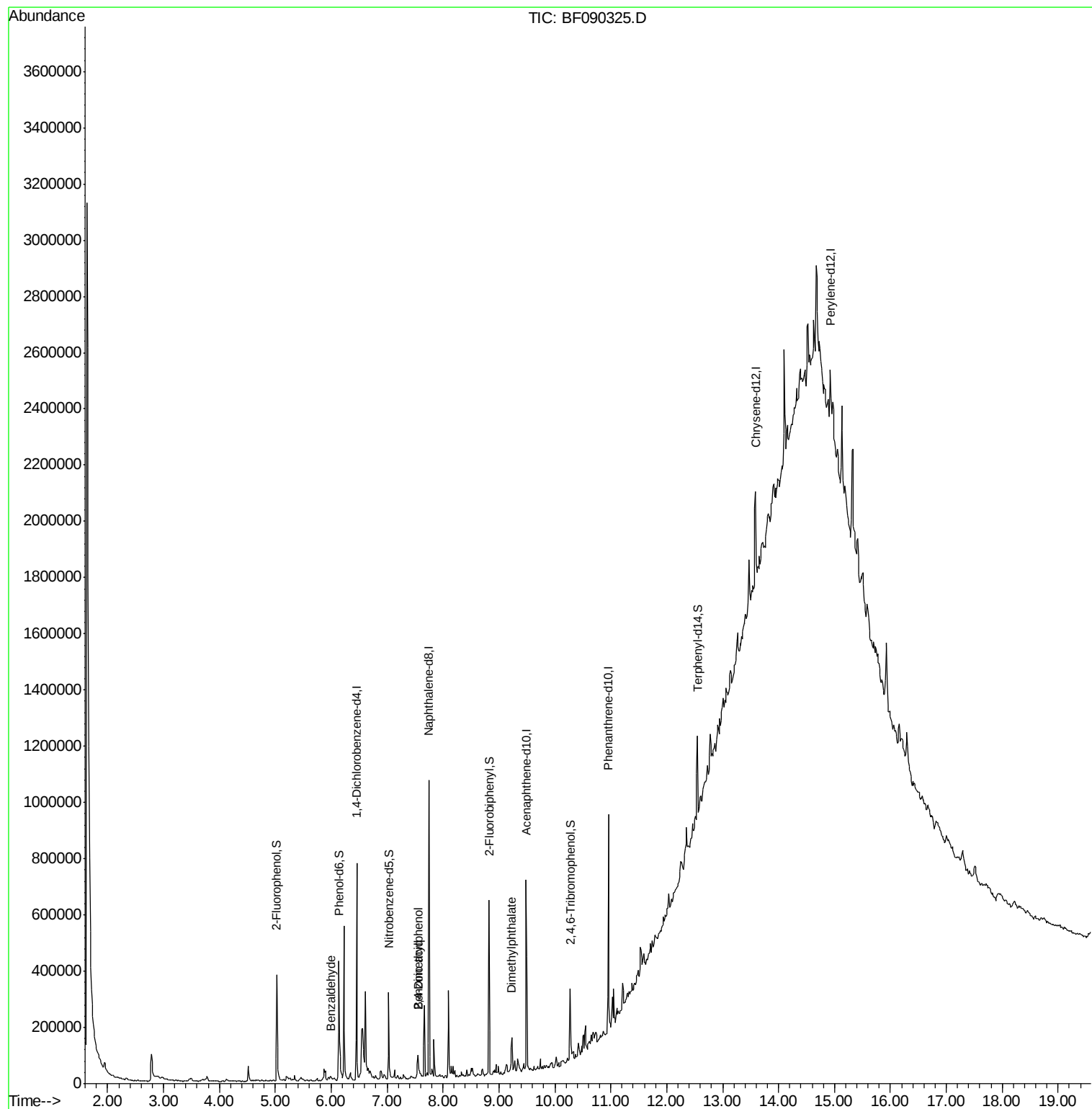
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	118834	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	435839	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	182082	20.00	ng	-0.02
63) Phenanthrene-d10	10.96	188	258621	20.00	ng	-0.02
75) Chrysene-d12	13.59	240	188371	20.00	ng	-0.01
86) Perylene-d12	14.93	264	117648	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	148282	20.34	ng	0.00
7) Phenol-d6	6.14	99	200742	22.30	ng	0.00
23) Nitrobenzene-d5	7.03	82	102539	13.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.27	330	29800	19.08	ng	-0.02
44) 2-Fluorobiphenyl	8.82	172	194414	20.96	ng	-0.03
78) Terphenyl-d14	12.55	244	115213	15.53	ng	-0.01
Target Compounds						
9) Benzaldehyde	5.99	77	8475	2.16	ng	Qvalue 84
27) 2,4-Dimethylphenol	7.55	122	22816	3.33	ng	# 8
32) Benzoic acid	7.55	122	27218	5.79	ng	94
49) Dimethylphthalate	9.23	163	55961	4.83	ng	99

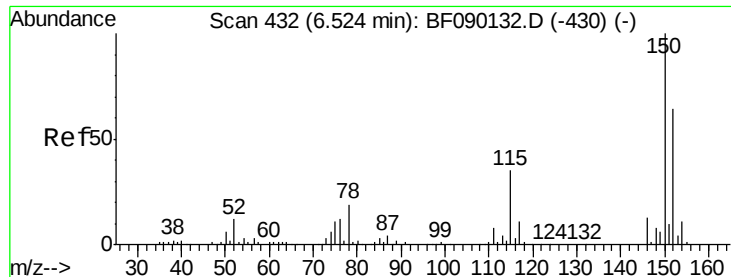
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF090325.D

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BNA_F

ClientSampleId :

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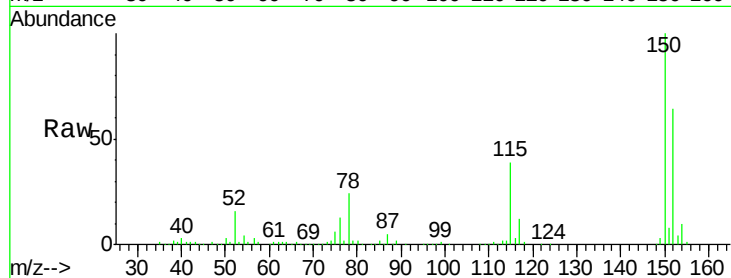
Tgt Ion:152 Resp: 118834

Ion Ratio Lower Upper

152 100

150 155.1 128.9 193.3

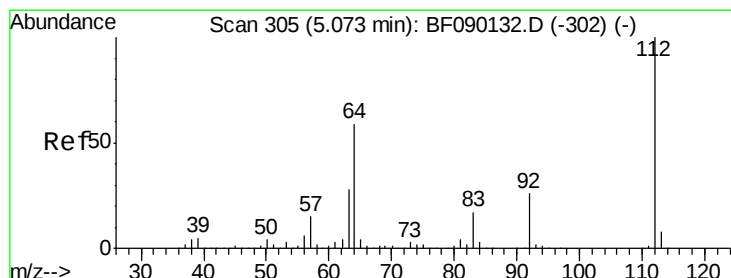
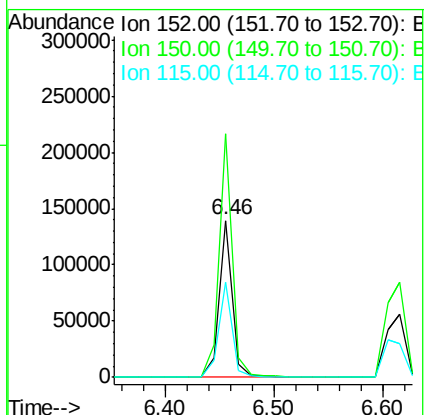
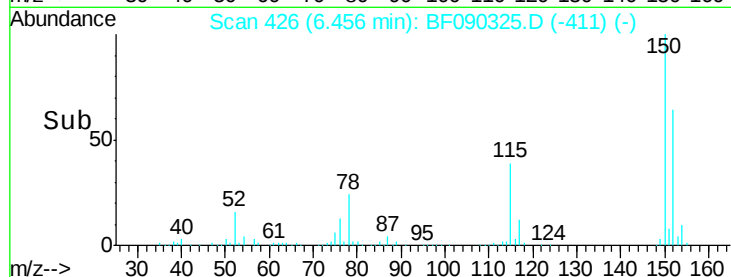
115 60.4 55.5 83.3



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: 20.34 ng

RT: 5.03 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

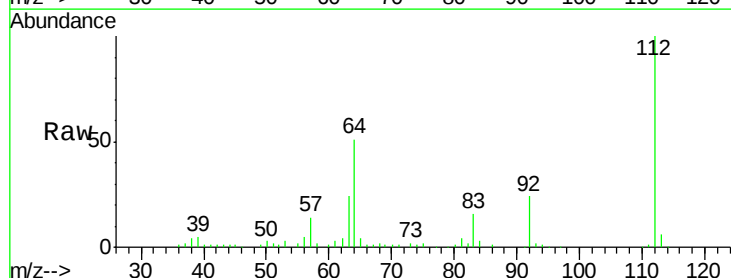
Tgt Ion:112 Resp: 148282

Ion Ratio Lower Upper

112 100

64 51.0 39.8 59.6

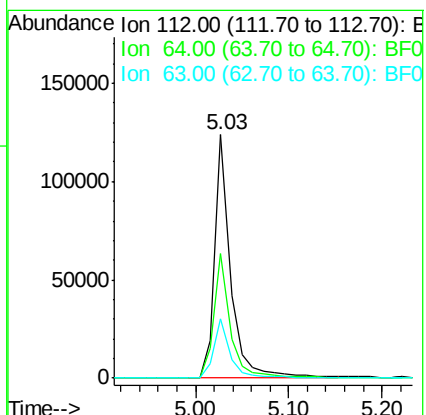
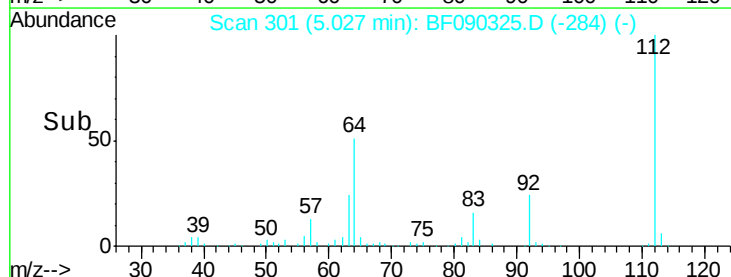
63 24.3 18.9 28.3



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: 22.30 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-2-09272016

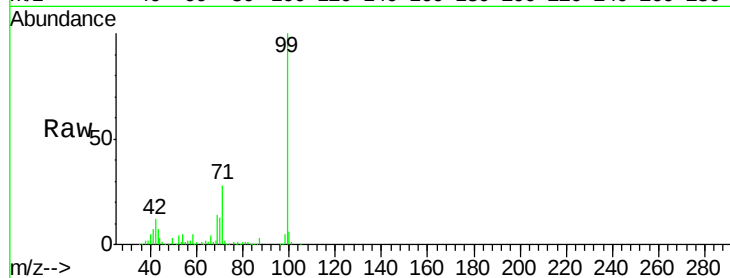
Tgt Ion: 99 Resp: 200742

Ion Ratio Lower Upper

99 100

42 12.3 10.6 15.8

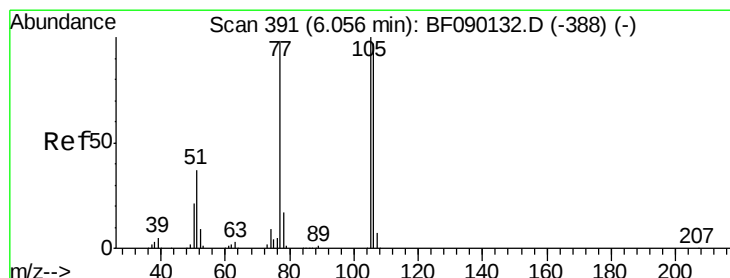
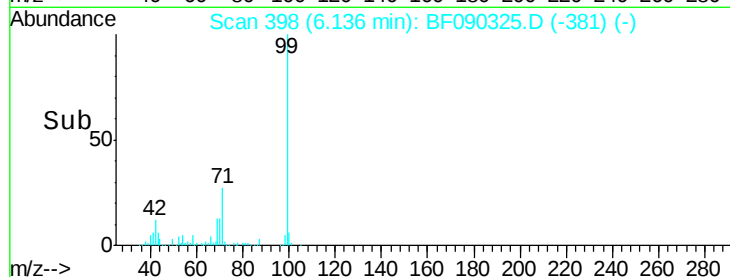
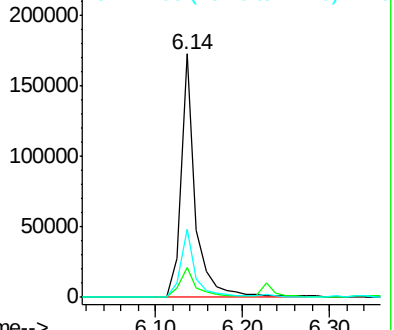
71 27.8 23.0 34.6



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



#9

Benzaldehyde

Concen: 2.16 ng

RT: 5.99 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

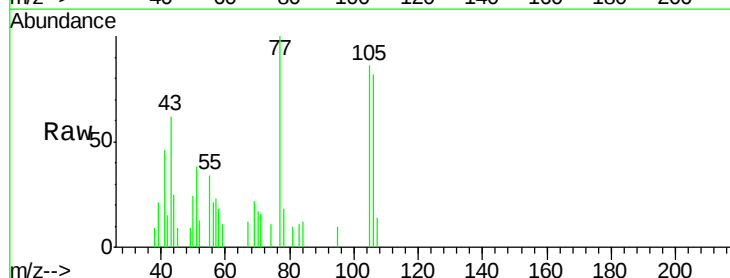
Tgt Ion: 77 Resp: 8475

Ion Ratio Lower Upper

77 100

105 86.4 83.0 123.0

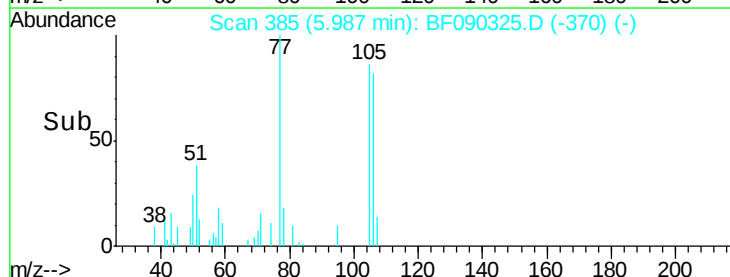
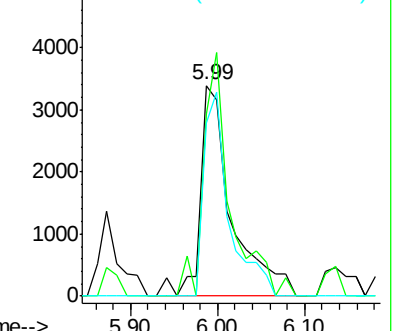
106 81.9 78.5 118.5

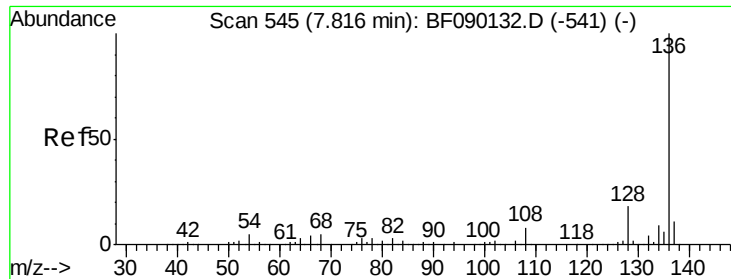


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

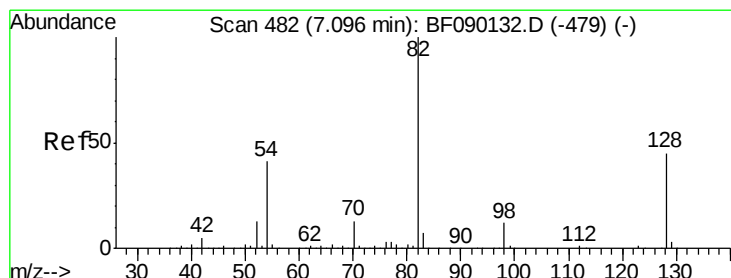
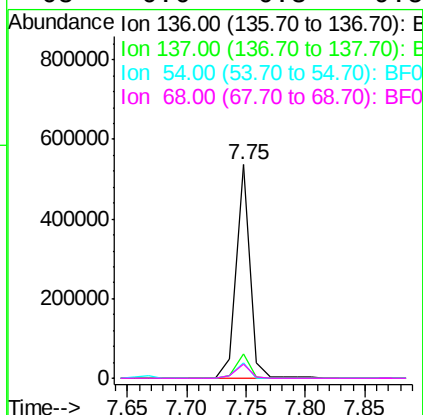
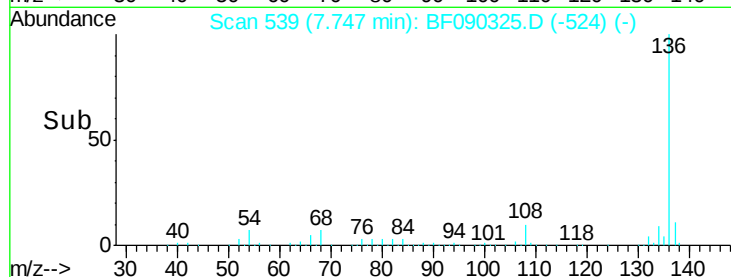
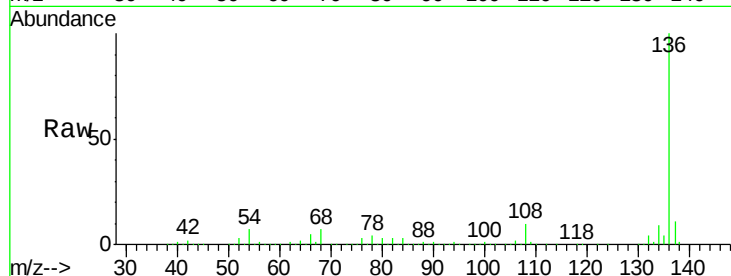




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

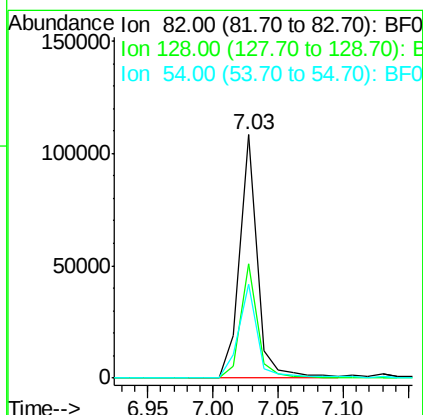
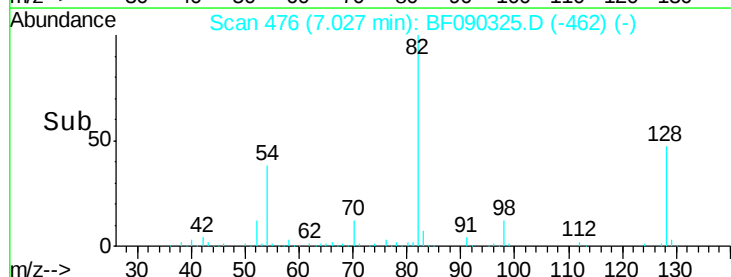
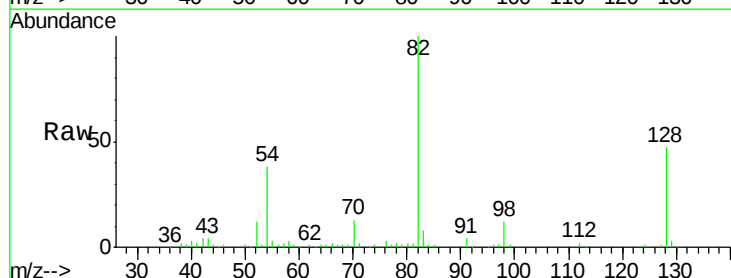
Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-2-09272016

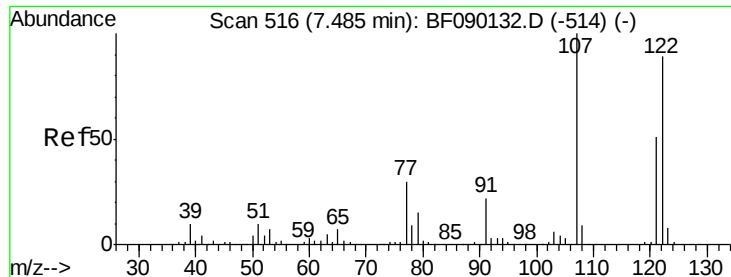
Tgt Ion:	136	Resp:	435839
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	6.4	9.6
68	6.6	6.3	9.5



#23
Nitrobenzene-d5
Concen: 13.64 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

Tgt Ion:	82	Resp:	102539
Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.5	56.3
54	38.4	31.9	47.9

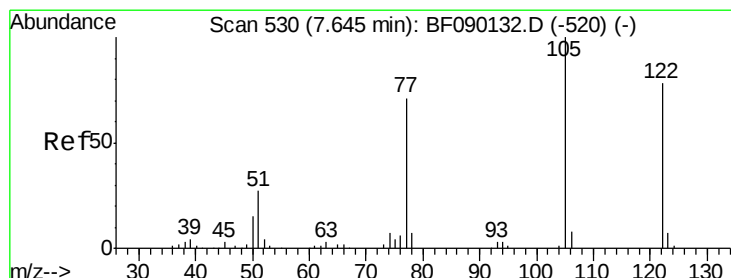
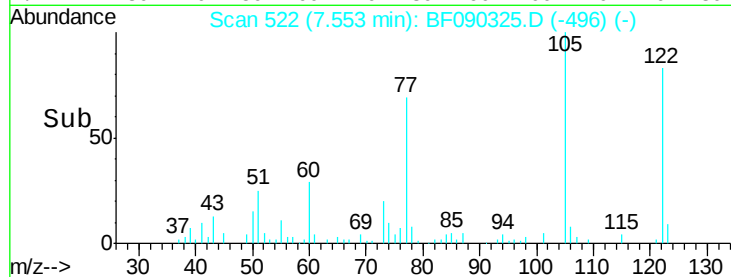
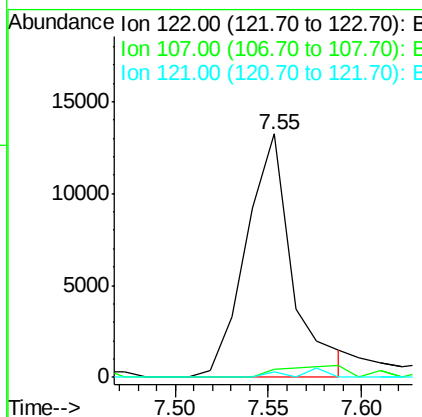
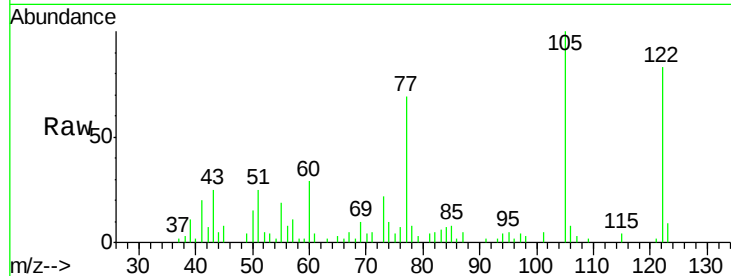




#27
2,4-Dimethylphenol
Concen: 3.33 ng
RT: 7.55 min Scan# 522
Delta R.T. 0.10 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

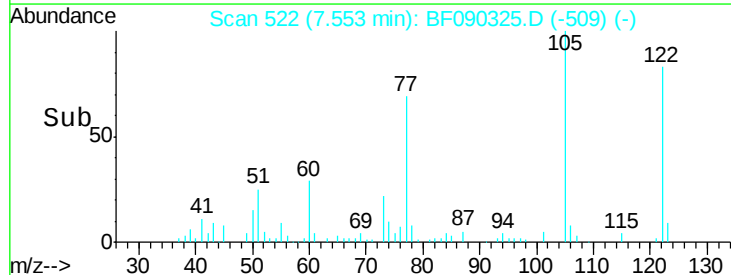
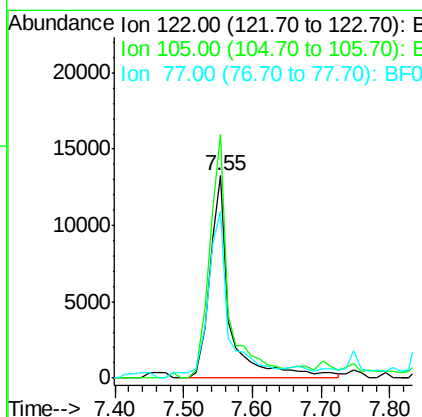
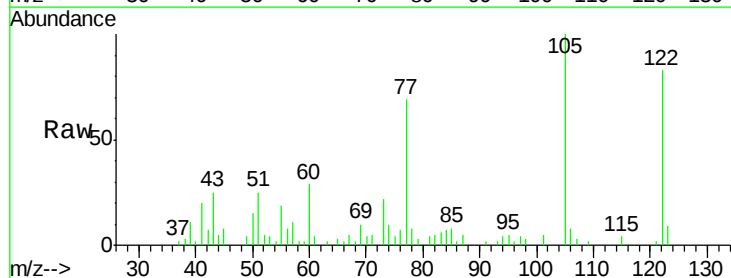
Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-2-09272016

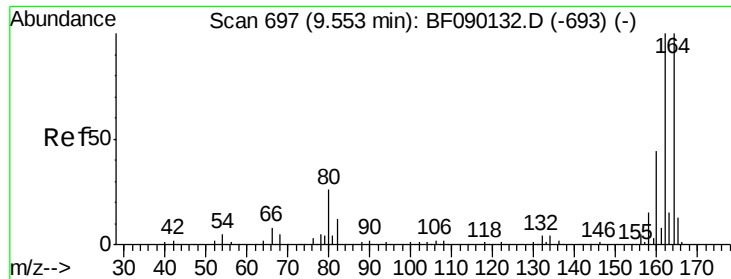
Tgt Ion:122 Resp: 22816
Ion Ratio Lower Upper
122 100
107 3.3 87.8 131.6#
121 2.3 45.7 68.5#



#32
Benzoic acid
Concen: 5.79 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF090325.D
Acq: 30 Sep 2016 21:16

Tgt Ion:122 Resp: 27218
Ion Ratio Lower Upper
122 100
105 120.4 105.0 145.0
77 82.5 70.4 110.4

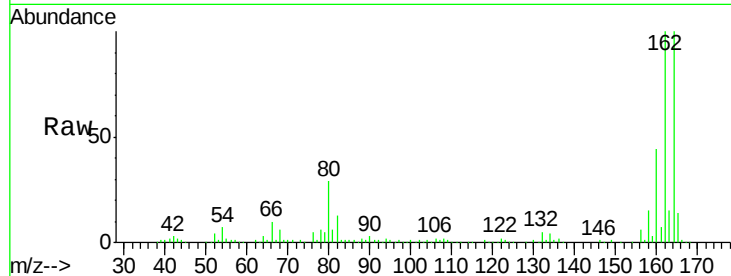




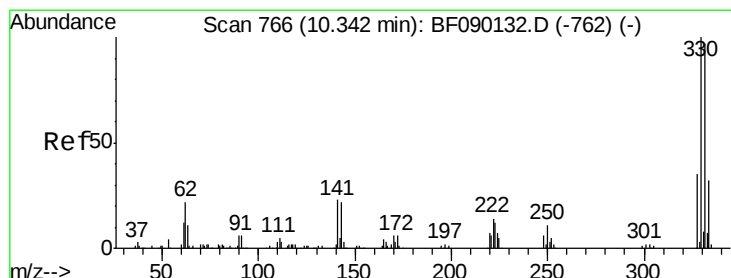
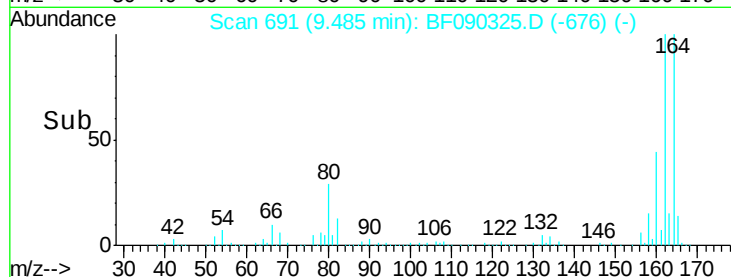
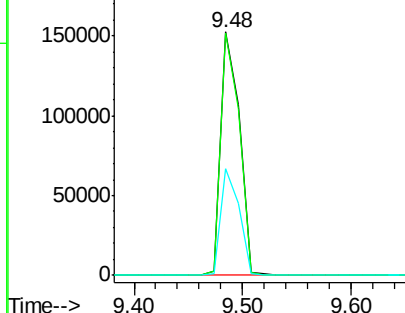
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF090325.D
 Acq: 30 Sep 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-2-09272016

Tgt Ion:164 Resp: 182082
 Ion Ratio Lower Upper
 164 100
 162 99.7 81.4 122.2
 160 43.9 36.6 54.8

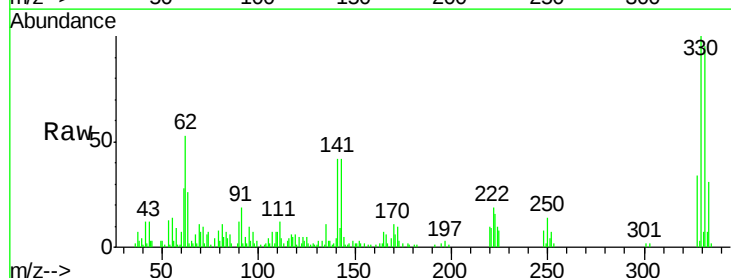


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

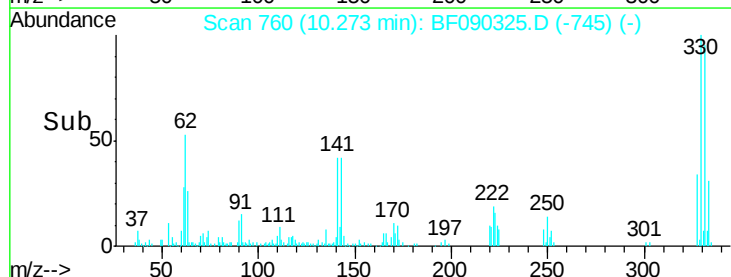
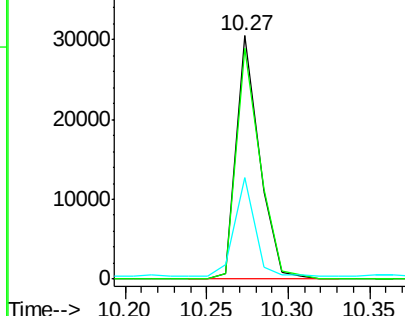


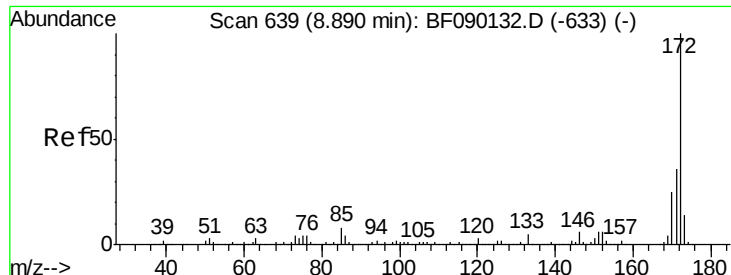
#41
 2,4,6-Tribromophenol
 Concen: 19.08 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF090325.D
 Acq: 30 Sep 2016 21:16

Tgt Ion:330 Resp: 29800
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.1 117.1
 141 37.1 23.9 35.9#



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

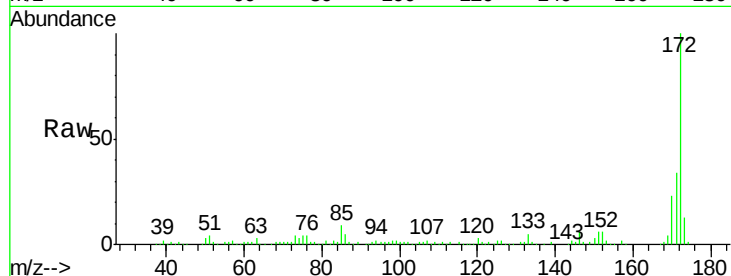




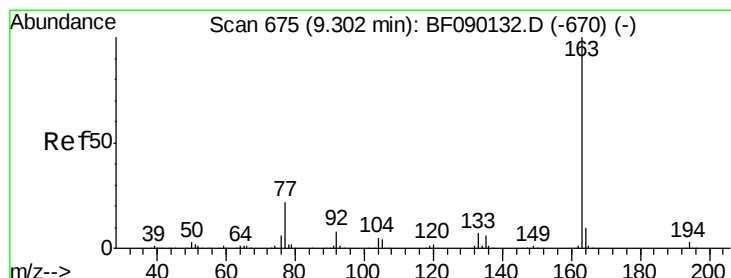
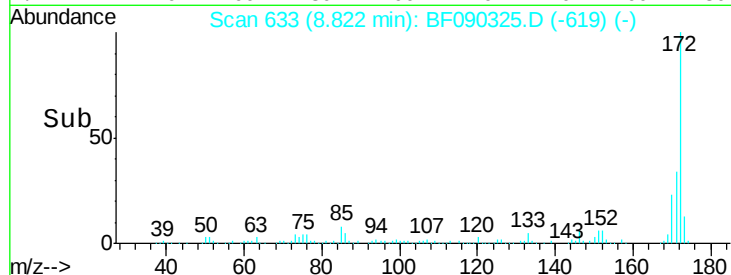
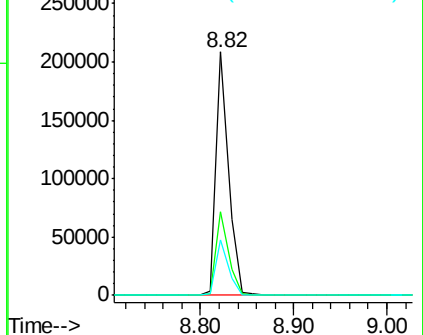
#44
 2-Fluorobiphenyl
 Concen: 20.96 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.03 min
 Lab File: BF090325.D
 Acq: 30 Sep 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-2-09272016

Tgt Ion:172 Resp: 194414
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.2 43.8
 170 22.6 19.8 29.8

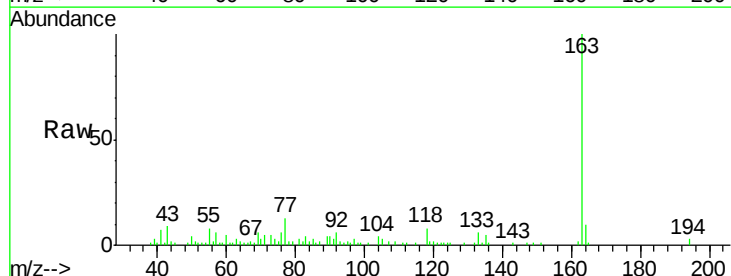


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

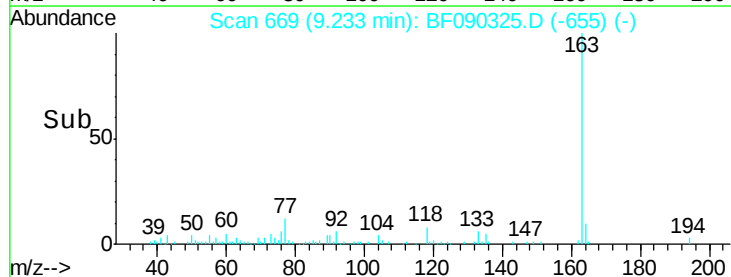
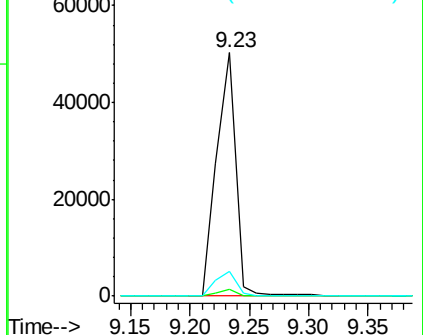


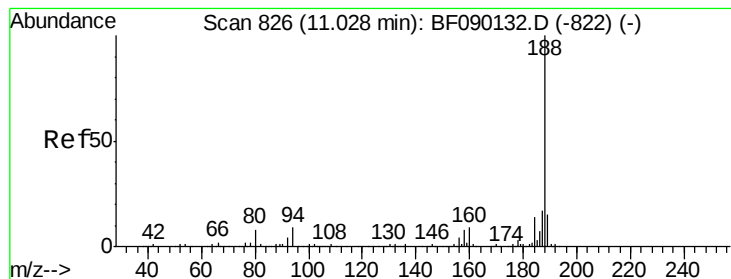
#49
 Dimethylphthalate
 Concen: 4.83 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF090325.D
 Acq: 30 Sep 2016 21:16

Tgt Ion:163 Resp: 55961
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.8 4.2
 164 10.3 8.1 12.1



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.96 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-2-09272016

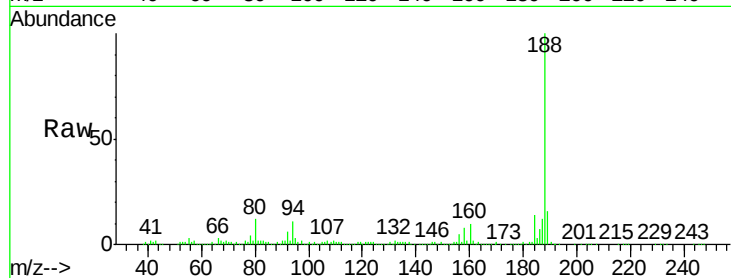
Tgt Ion:188 Resp: 258621

Ion Ratio Lower Upper

188 100

94 11.3 10.5 15.7

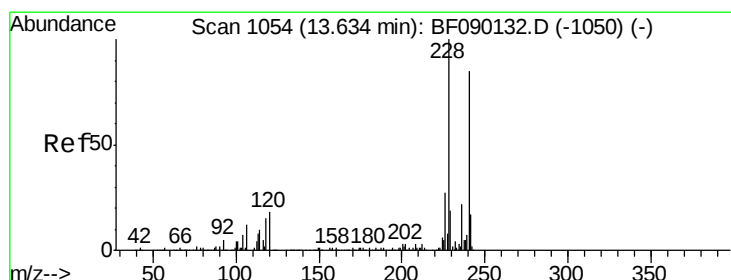
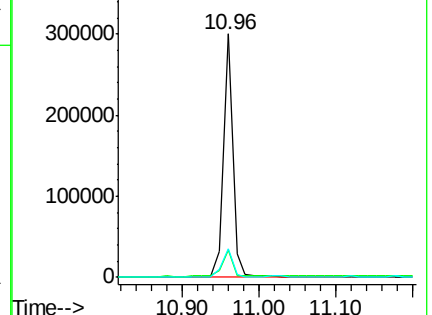
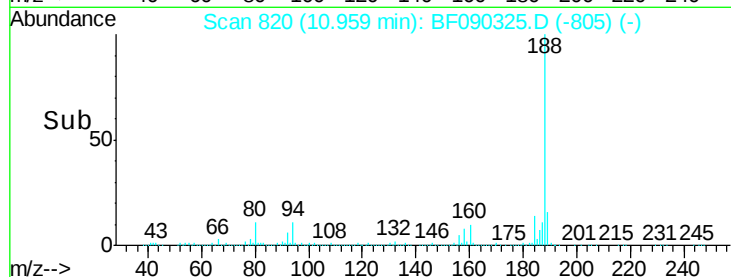
80 11.8 11.2 16.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

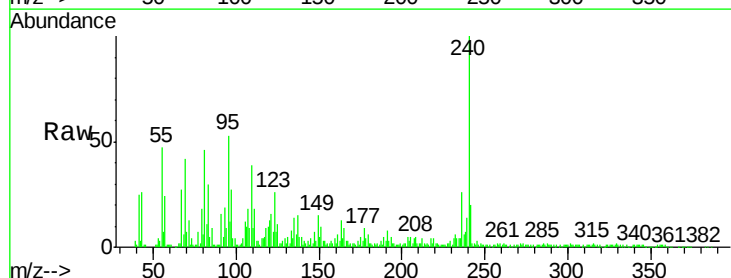
Tgt Ion:240 Resp: 188371

Ion Ratio Lower Upper

240 100

120 12.8 10.6 16.0

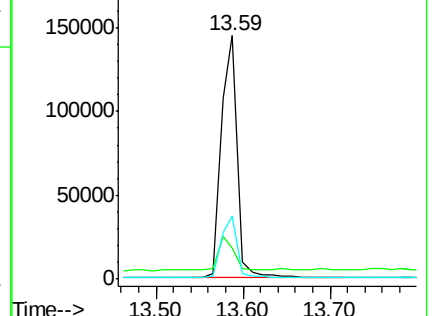
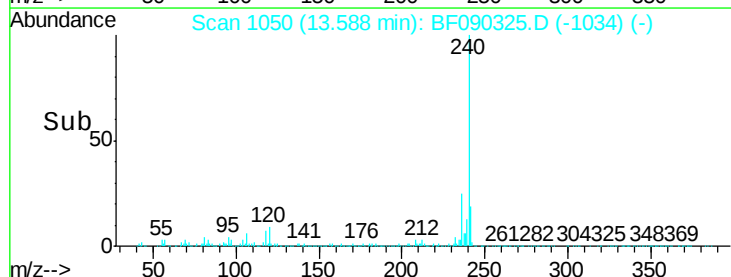
236 25.8 21.6 32.4

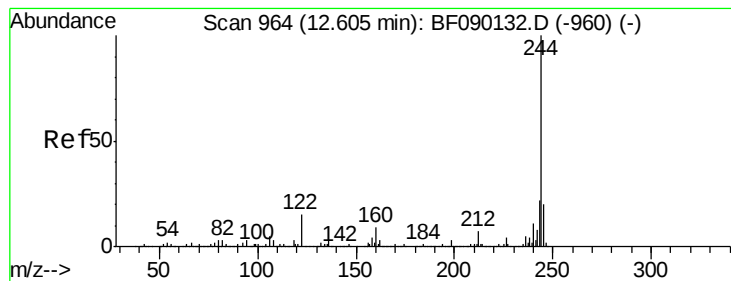


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 15.53 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-2-09272016

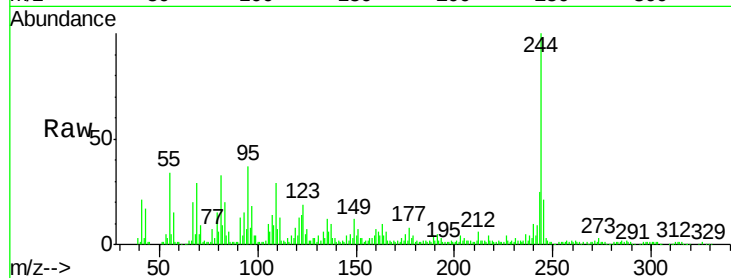
Tgt Ion:244 Resp: 115213

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

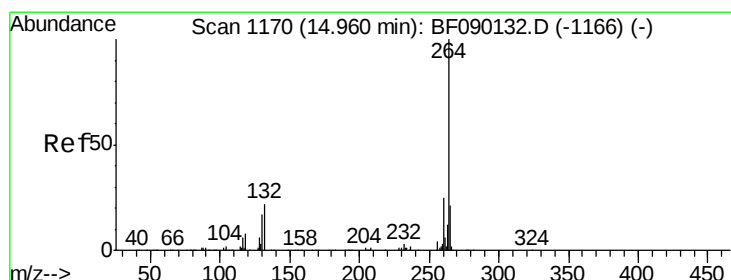
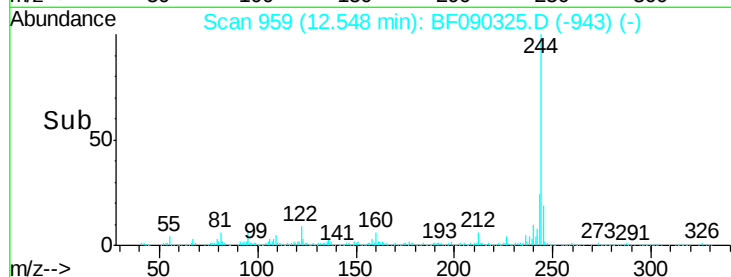
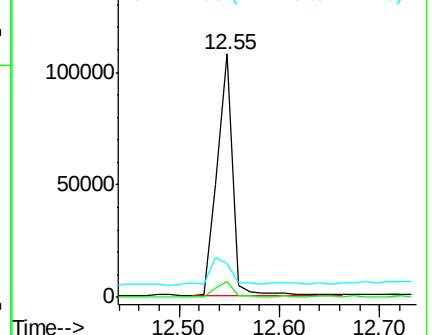
122 13.8 9.4 14.0



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: 14.93 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF090325.D

Acq: 30 Sep 2016 21:16

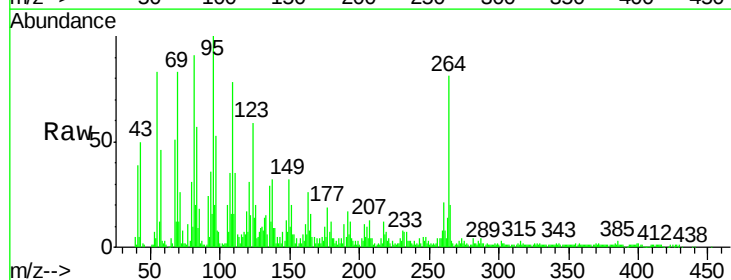
Tgt Ion:264 Resp: 117648

Ion Ratio Lower Upper

264 100

260 25.7 19.5 29.3

265 24.2 17.0 25.4



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

