

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090322.D
 Acq On : 30 Sep 2016 19:55
 Operator : UM/SJ
 Sample : H5023-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-CD-09272016

Quant Time: Sep 30 23:19:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 23:14:34 2016
 Response via : Initial Calibration

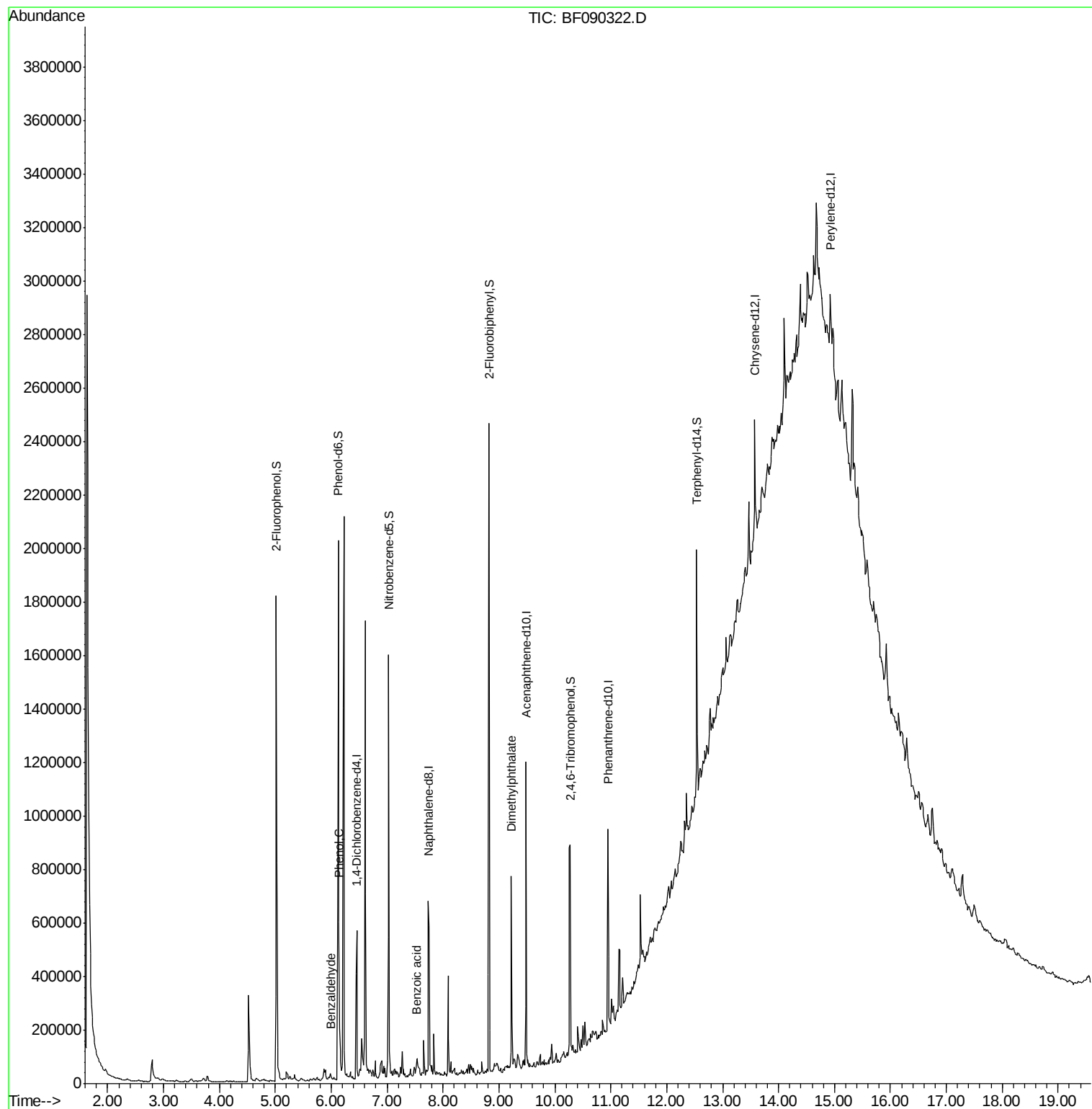
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	121032	20.00	ng	0.00
21) Naphthalene-d8	7.74	136	442654	20.00	ng	-0.01
38) Acenaphthene-d10	9.48	164	232915	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	273979	20.00	ng	0.00
75) Chrysene-d12	13.58	240	207501	20.00	ng	0.01
86) Perylene-d12	14.93	264	146512	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	710498	95.69	ng	0.02
7) Phenol-d6	6.12	99	901806	98.34	ng	0.01
23) Nitrobenzene-d5	7.03	82	572436	74.96	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	163683	81.91	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	708293	59.70	ng	0.00
78) Terphenyl-d14	12.54	244	336912	41.22	ng	0.00
Target Compounds						
9) Benzaldehyde	5.99	77	9035	2.26	ng	Qvalue 97
10) Phenol	6.14	94	34548	3.19	ng	79
32) Benzoic acid	7.53	122	17632	3.69	ng	91
49) Dimethylphthalate	9.22	163	281413	18.97	ng	# 99

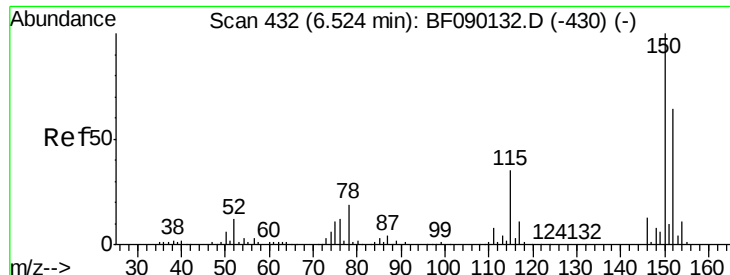
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090322.D

Acq: 30 Sep 2016 19:55

Instrument :

BNA_F

ClientSampleId :

WC-AREA-CD-09272016

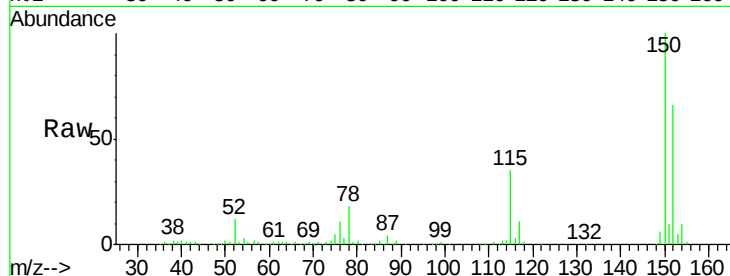
Tot Ion:152 Resp: 121032

Ion Ratio Lower Upper

152 100

150 152.6 128.9 193.3

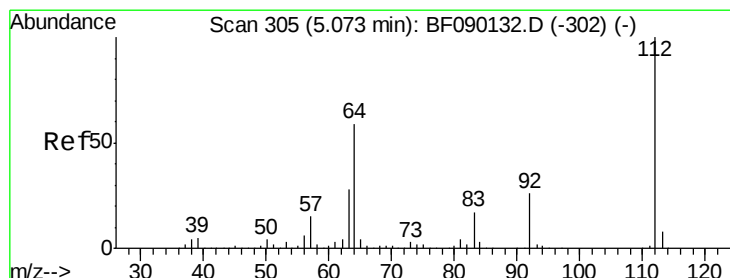
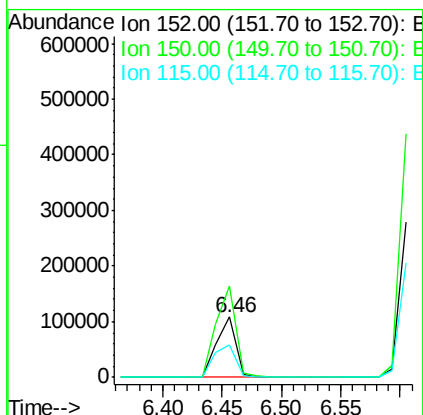
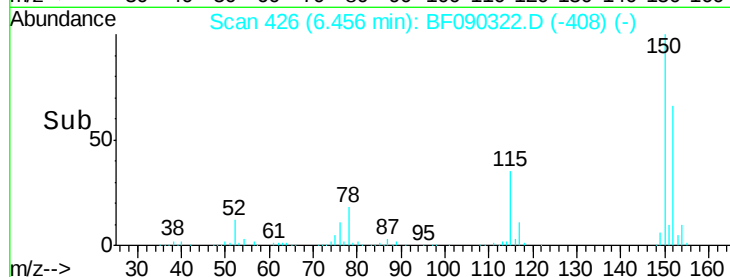
115 53.5 55.5 83.3#



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: 95.69 ng

RT: 5.02 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF090322.D

Acq: 30 Sep 2016 19:55

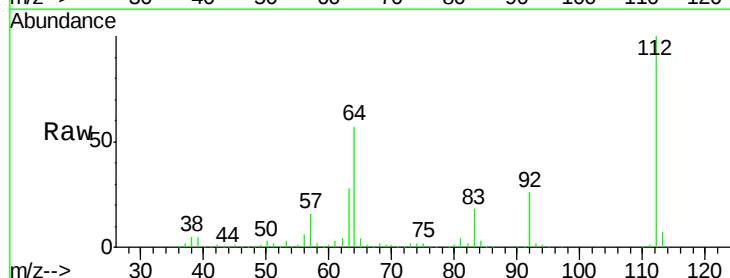
Tgt Ion:112 Resp: 710498

Ion Ratio Lower Upper

112 100

64 56.9 39.8 59.6

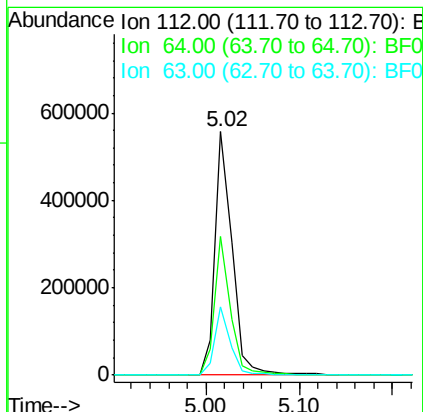
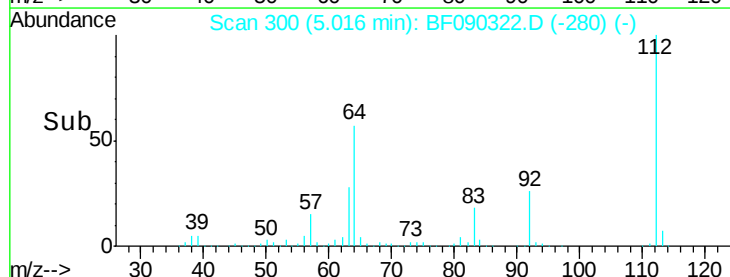
63 27.8 18.9 28.3



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: 98.34 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF090322.D

Acq: 30 Sep 2016 19:55

Instrument :

BNA_F

ClientSampleId :

WC-AREA-CD-09272016

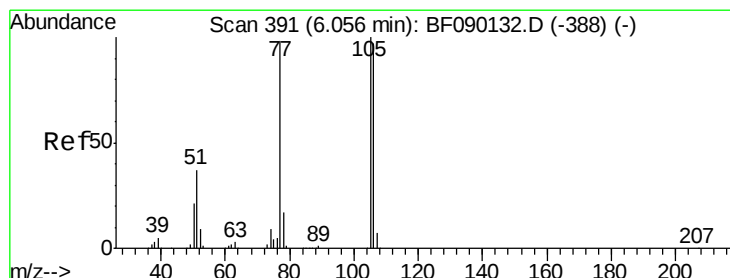
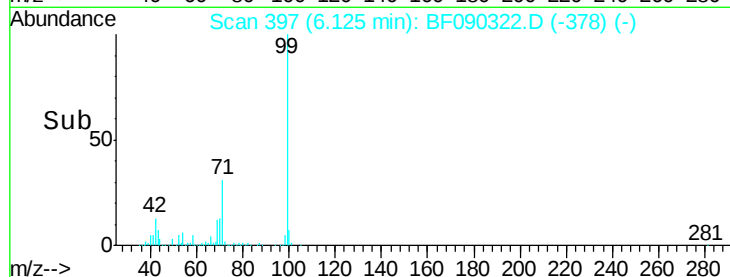
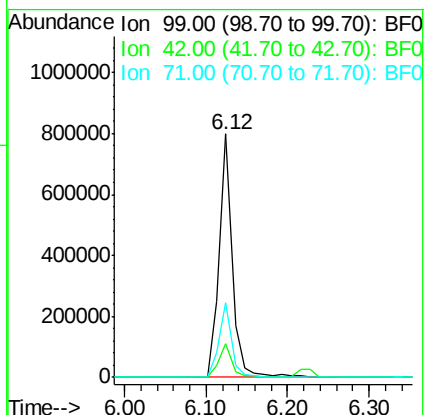
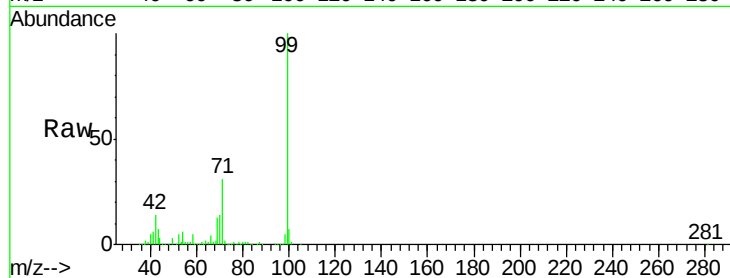
Tot Ion: 99 Resp: 901806

Ion Ratio Lower Upper

99 100

42 13.6 10.6 15.8

71 30.8 23.0 34.6



#9

Benzaldehyde

Concen: 2.26 ng

RT: 5.99 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090322.D

Acq: 30 Sep 2016 19:55

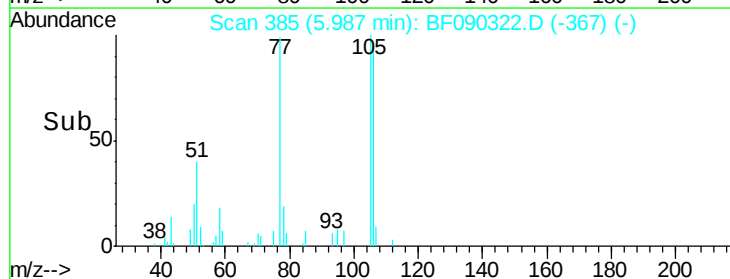
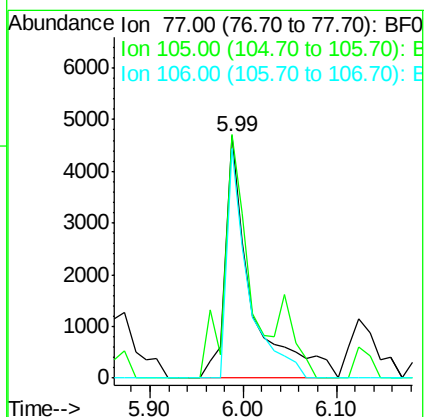
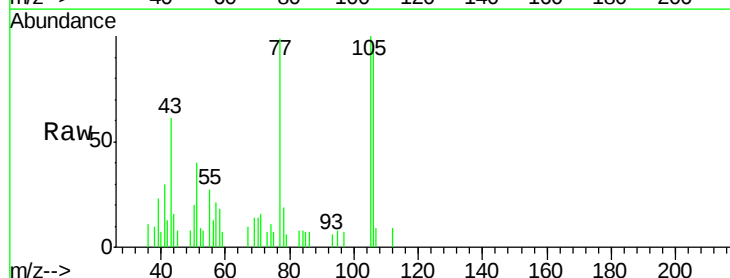
Tgt Ion: 77 Resp: 9035

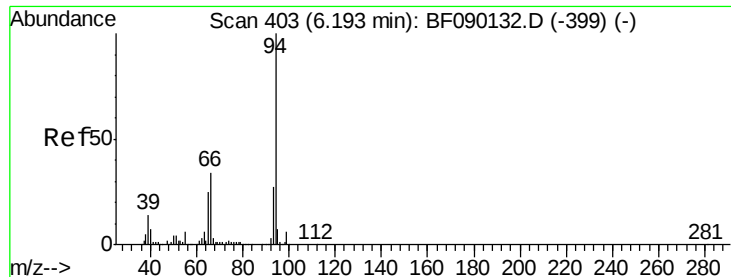
Ion Ratio Lower Upper

77 100

105 100.7 83.0 123.0

106 94.7 78.5 118.5





#10

Phenol

Concen: 3.19 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF090322.D

Acq: 30 Sep 2016 19:55

Instrument :

BNA_F

ClientSampleId :

WC-AREA-CD-09272016

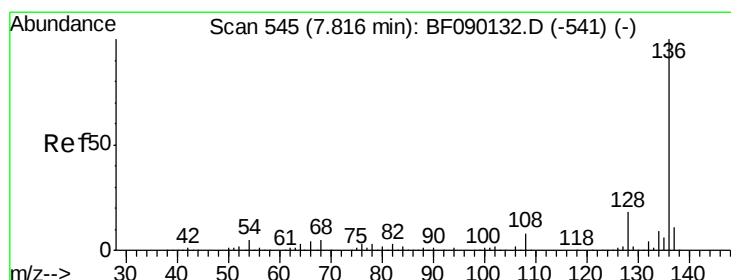
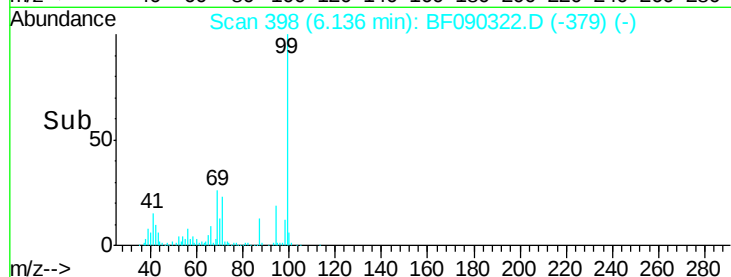
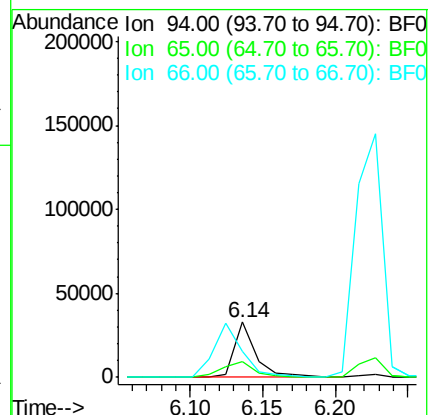
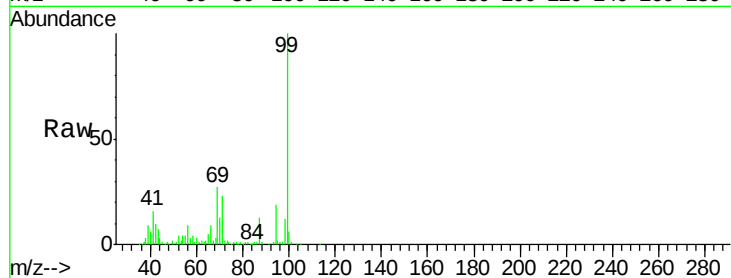
Tot Ion: 94 Resp: 34548

Ion Ratio Lower Upper

94 100

65 28.3 20.6 60.6

66 47.4 45.1 85.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF090322.D

Acq: 30 Sep 2016 19:55

Tgt Ion: 136 Resp: 442654

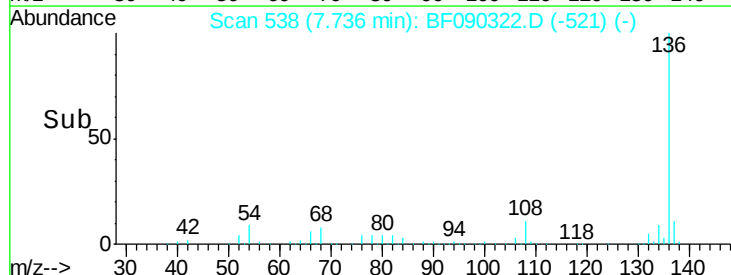
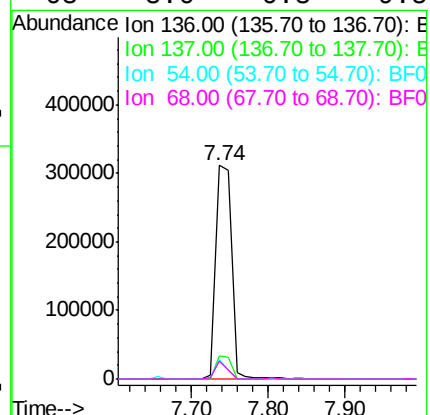
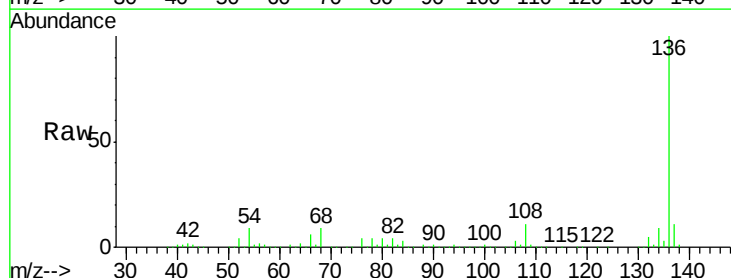
Ion Ratio Lower Upper

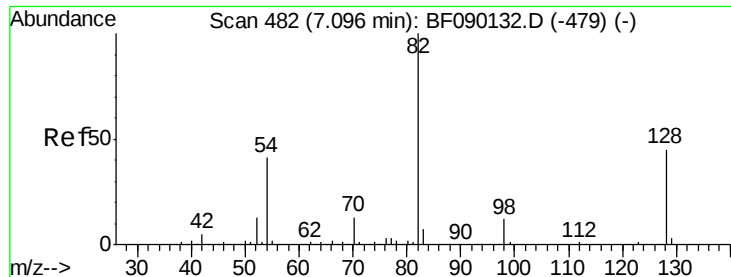
136 100

137 11.1 9.0 13.4

54 9.3 6.4 9.6

68 8.6 6.3 9.5

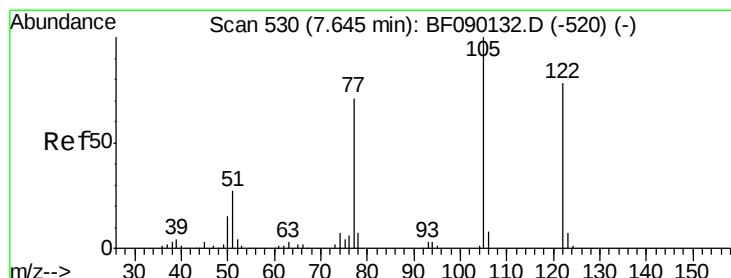
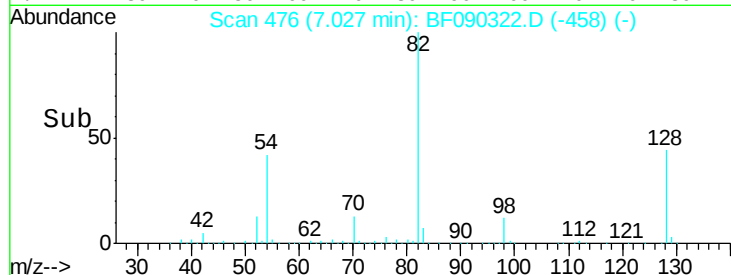
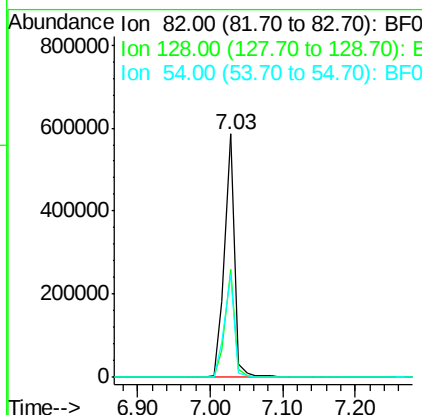
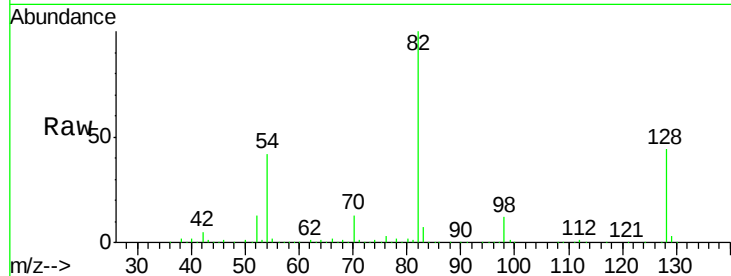




#23
 Nitrobenzene-d5
 Concen: 74.96 ng
 RT: 7.03 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF090322.D
 Acq: 30 Sep 2016 19:55

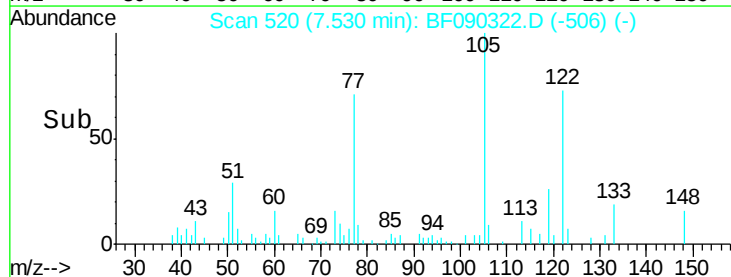
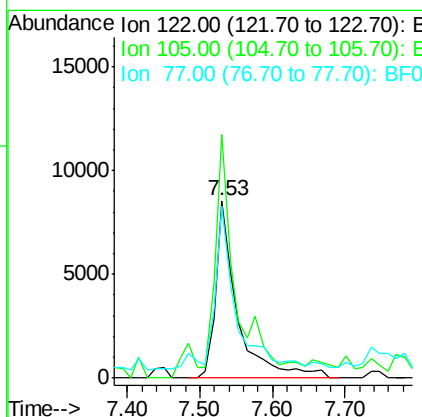
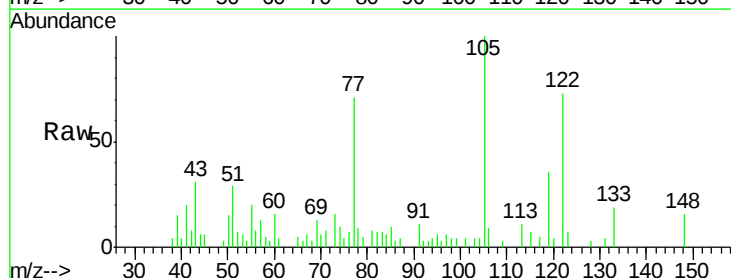
Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-CD-09272016

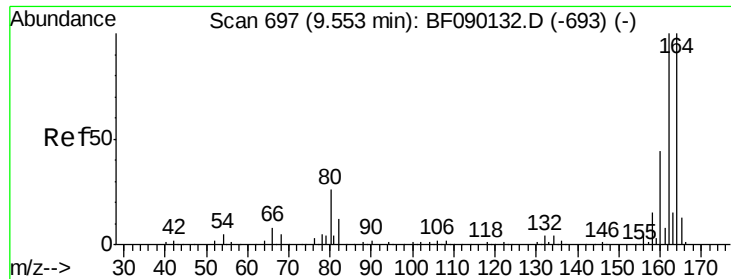
Tot Ion	82	Resp	572436
Ion Ratio	100	Lower	Upper
128	44.4	37.5	56.3
54	42.3	31.9	47.9



#32
 Benzoic acid
 Concen: 3.69 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.05 min
 Lab File: BF090322.D
 Acq: 30 Sep 2016 19:55

Tgt Ion	122	Resp	17632
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	137.4	105.0	145.0
77	96.9	70.4	110.4

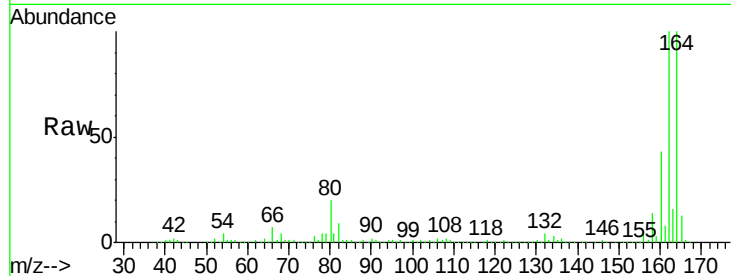




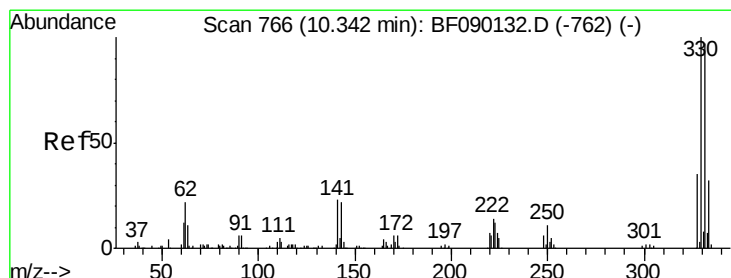
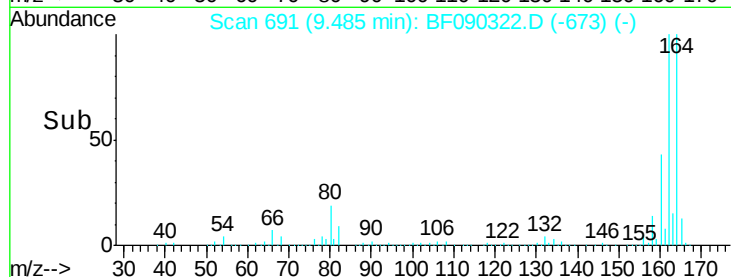
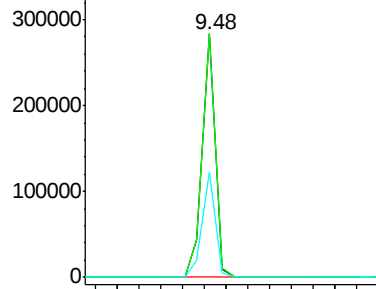
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF090322.D
Acq: 30 Sep 2016 19:55

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

Tot Ion:164 Resp: 232915
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.2
160 43.5 36.6 54.8

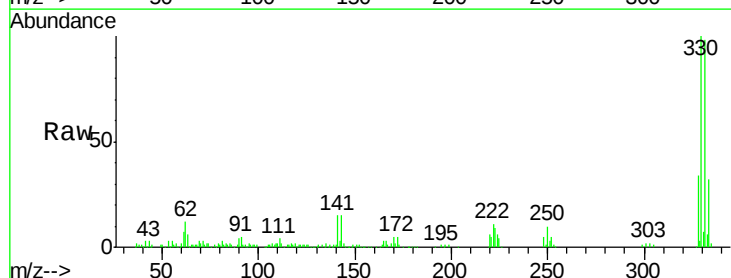


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

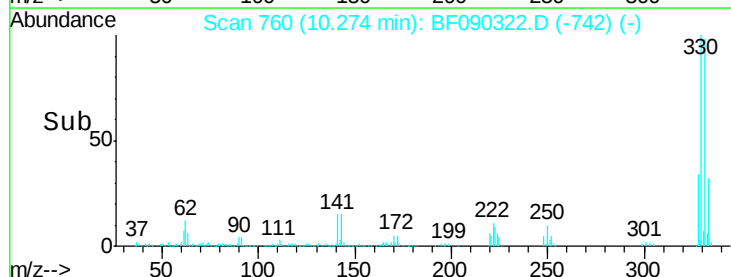
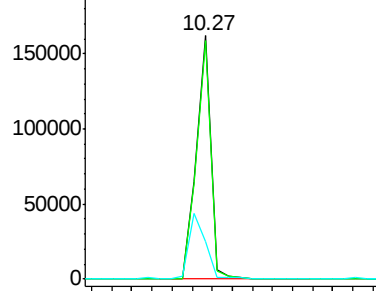


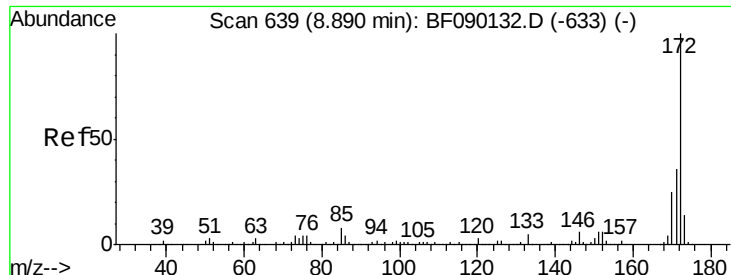
#41
2,4,6-Tribromophenol
Concen: 81.91 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF090322.D
Acq: 30 Sep 2016 19:55

Tgt Ion:330 Resp: 163683
Ion Ratio Lower Upper
330 100
332 98.2 78.1 117.1
141 30.1 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

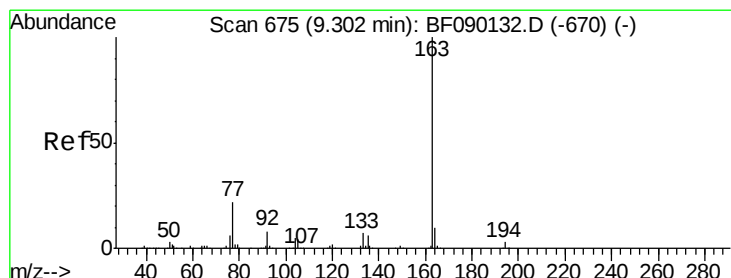
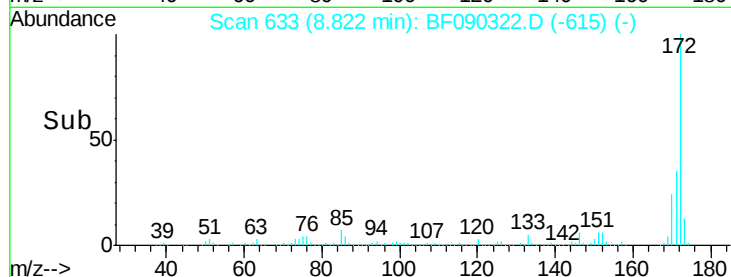
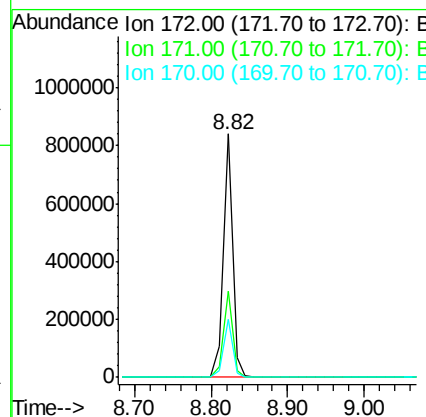
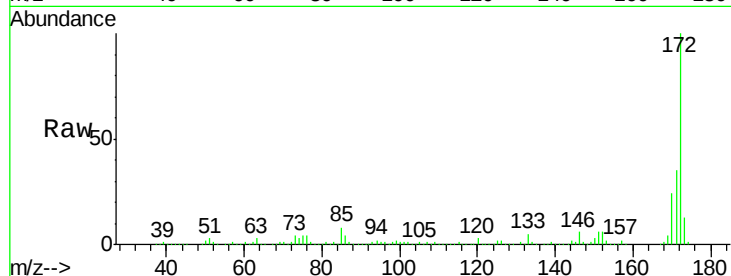




#44
2-Fluorobiphenyl
Concen: 59.70 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF090322.D
Acq: 30 Sep 2016 19:55

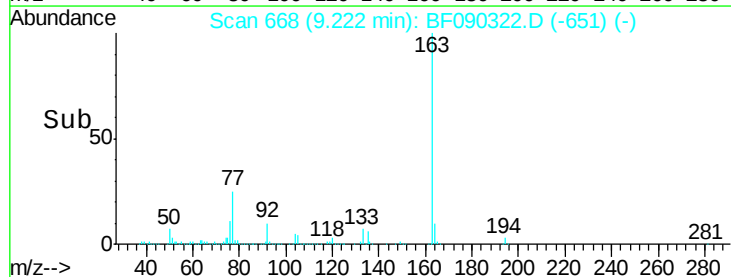
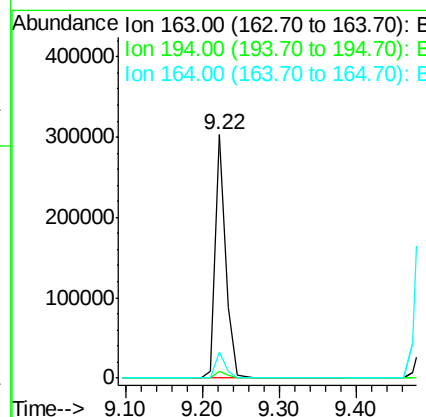
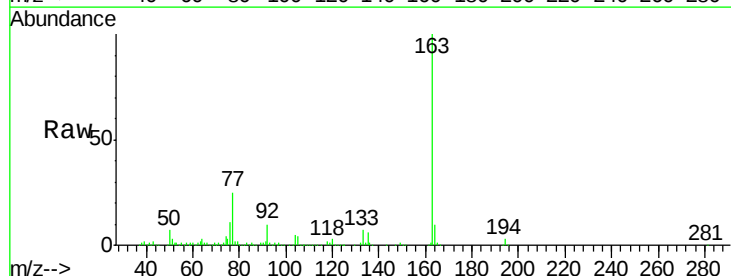
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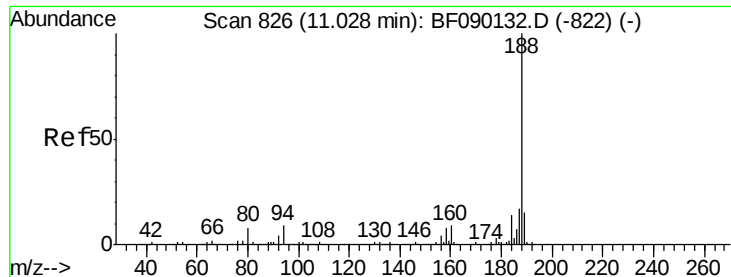
Tot Ion:172 Resp: 708293
Ion Ratio Lower Upper
172 100
171 35.3 29.2 43.8
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 18.97 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF090322.D
Acq: 30 Sep 2016 19:55

Tgt Ion:163 Resp: 281413
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2#
164 10.4 8.1 12.1

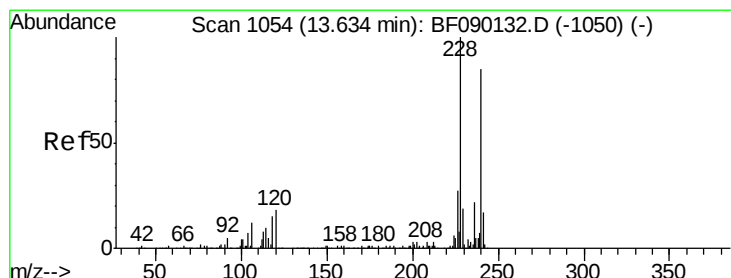
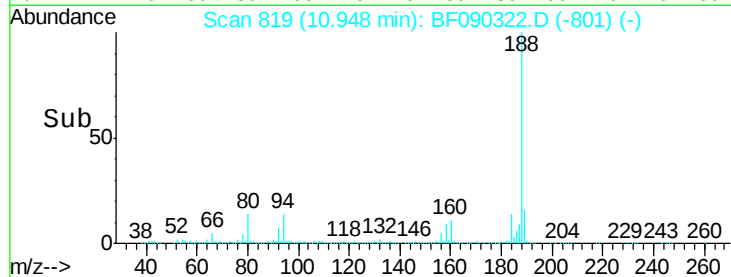
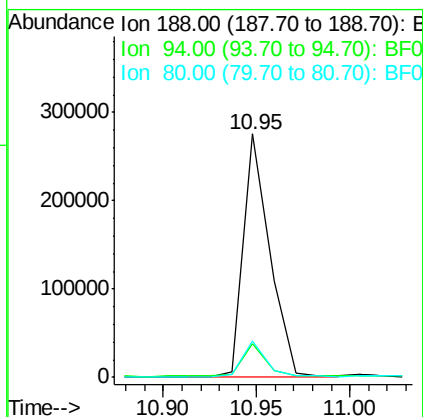
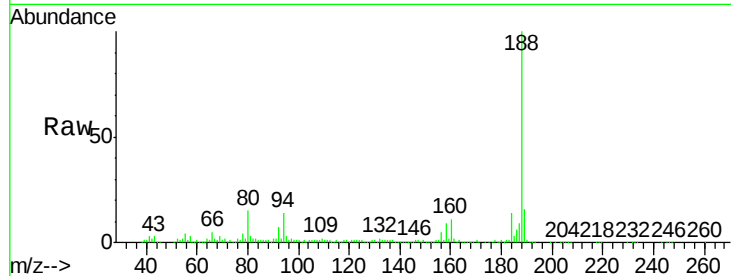




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF090322.D
Acq: 30 Sep 2016 19:55

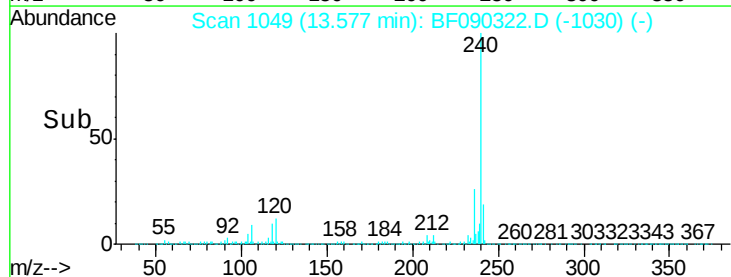
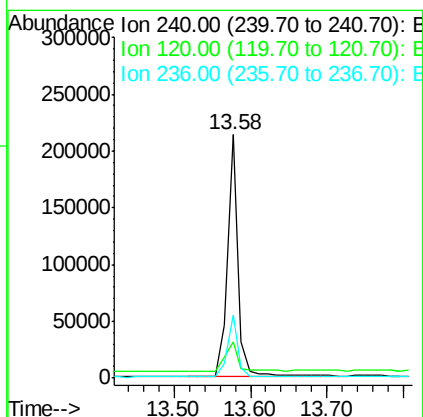
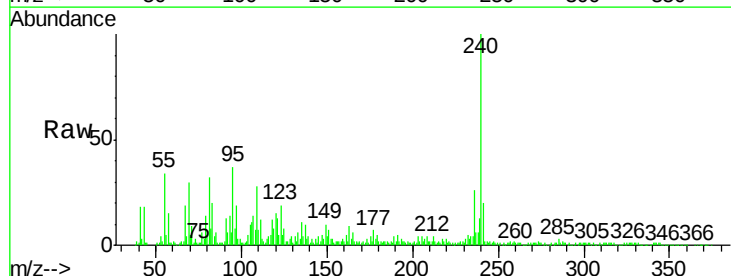
Instrument :
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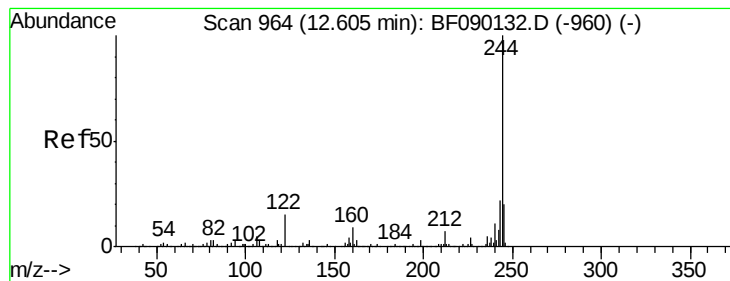
Tot Ion:188 Resp: 273979
Ion Ratio Lower Upper
188 100
94 14.0 10.5 15.7
80 14.8 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF090322.D
Acq: 30 Sep 2016 19:55

Tgt Ion:240 Resp: 207501
Ion Ratio Lower Upper
240 100
120 14.9 10.6 16.0
236 25.8 21.6 32.4





#78

Terphenyl-d14

Concen: 41.22 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF090322.D

Acq: 30 Sep 2016 19:55

Instrument :

BNA_F

ClientSampleId :

WC-AREA-CD-09272016

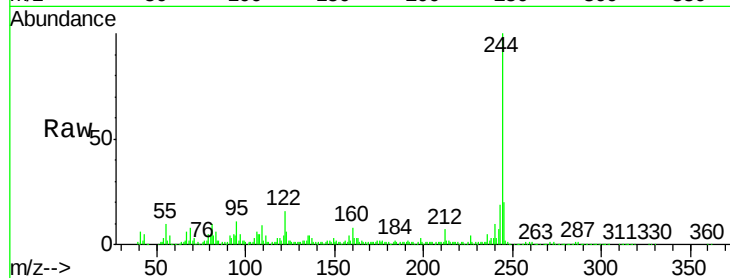
Tot Ion:244 Resp: 336912

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

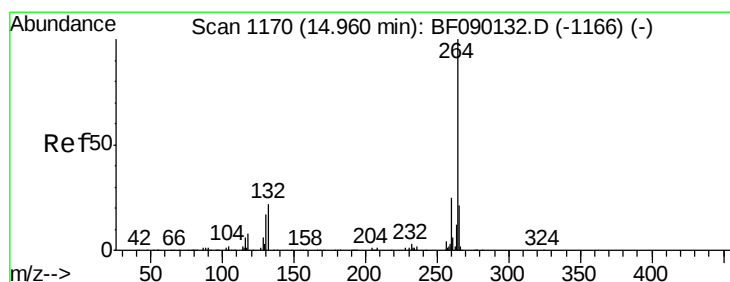
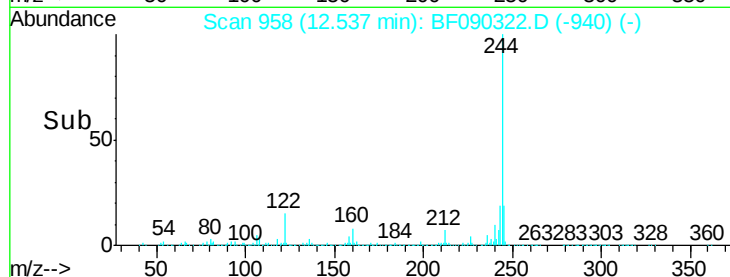
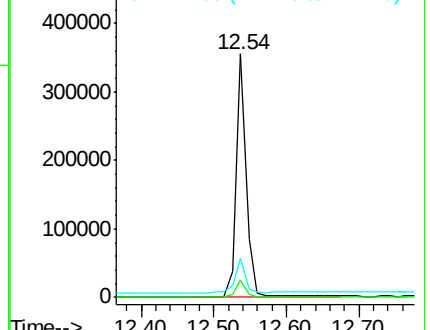
122 16.1 9.4 14.0#



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. 0.05 min

Lab File: BF090322.D

Acq: 30 Sep 2016 19:55

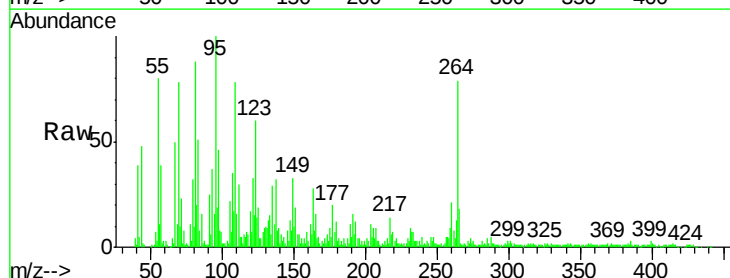
Tgt Ion:264 Resp: 146512

Ion Ratio Lower Upper

264 100

260 26.2 19.5 29.3

265 22.9 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

