

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090342.D
 Acq On : 4 Oct 2016 14:18
 Operator : UM/SJ
 Sample : H4998-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 14:58:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

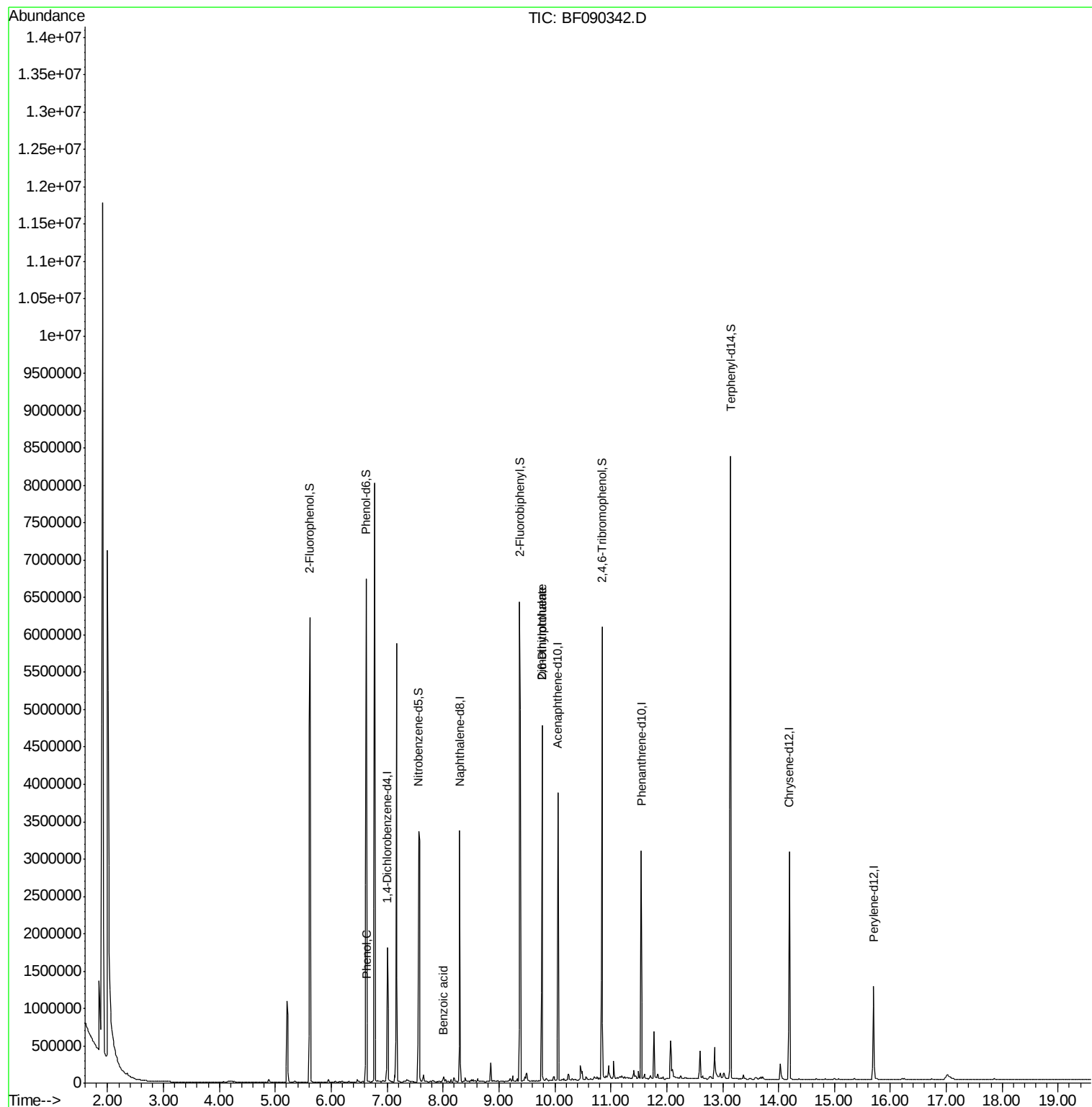
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	305299	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1337981	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	703772	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	1081731	20.00	ng	0.00
75) Chrysene-d12	14.19	240	921360	20.00	ng	0.00
86) Perylene-d12	15.70	264	618383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	2290393	118.33	ng	0.01
7) Phenol-d6	6.63	99	2517545	104.05	ng	0.00
23) Nitrobenzene-d5	7.56	82	1714757	74.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	693712	113.49	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2731493	63.28	ng	-0.01
78) Terphenyl-d14	13.14	244	2667022	67.39	ng	0.00
Target Compounds						
10) Phenol	6.64	94	76186	2.59	ng	97
32) Benzoic acid	8.00	122	210	5.27	ng	# 75
49) Dimethylphthalate	9.77	163	1775520	42.62	ng	100
50) 2,6-Dinitrotoluene	9.77	165	23089	2.53	ng	# 31

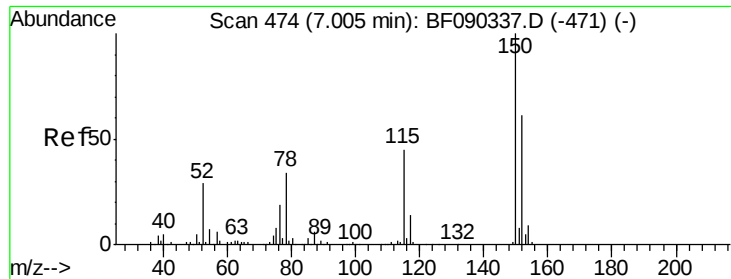
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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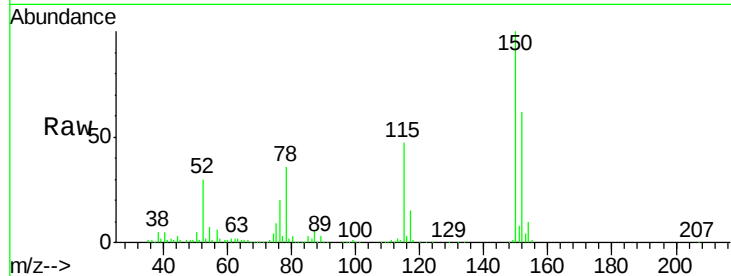


#1

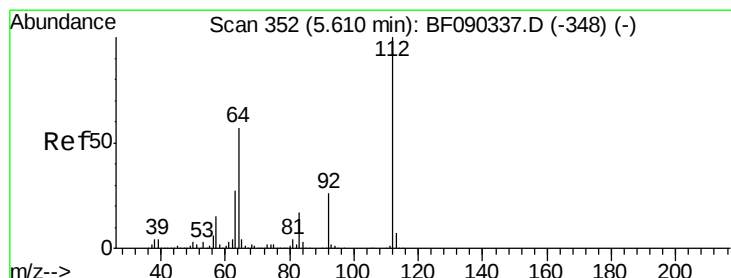
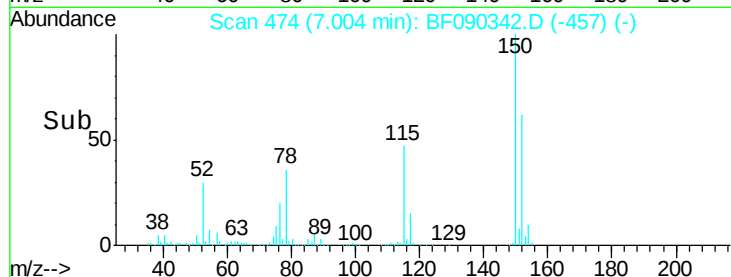
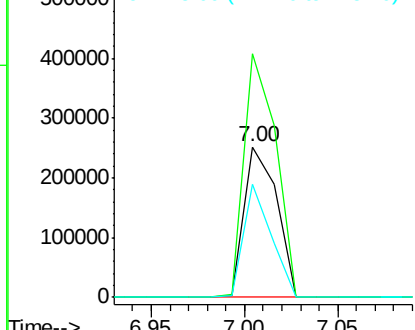
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF090342.D
Acq: 4 Oct 2016 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 305299
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 75.1 46.2 69.4#



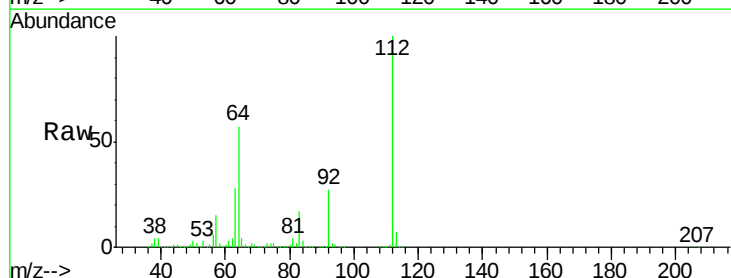
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



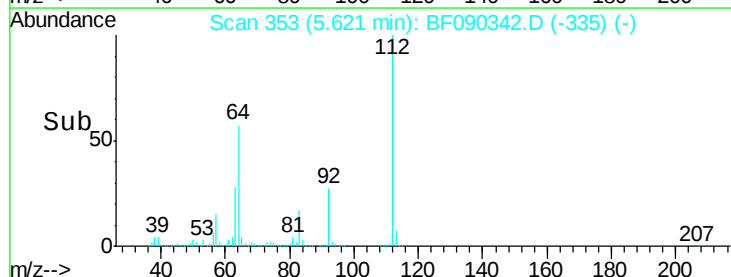
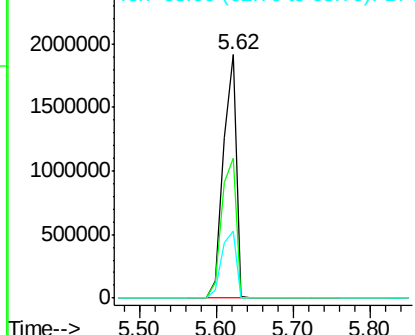
#5

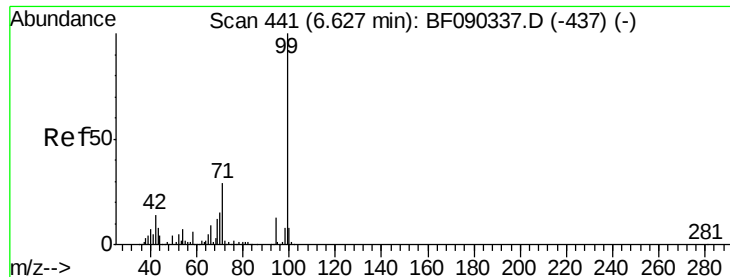
2-Fluorophenol
Concen: 118.33 ng
RT: 5.62 min Scan# 353
Delta R.T. 0.01 min
Lab File: BF090342.D
Acq: 4 Oct 2016 14:18

Tgt Ion:112 Resp: 2290393
Ion Ratio Lower Upper
112 100
64 57.3 57.9 86.9#
63 27.6 29.6 44.4#



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: 104.05 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

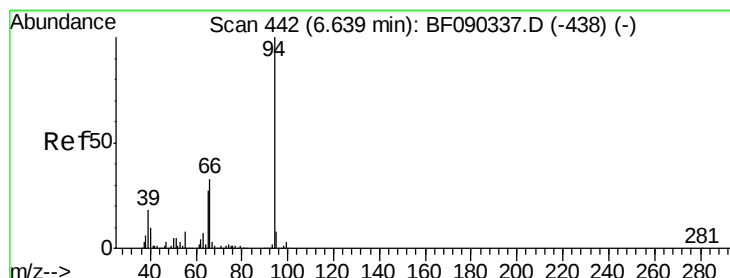
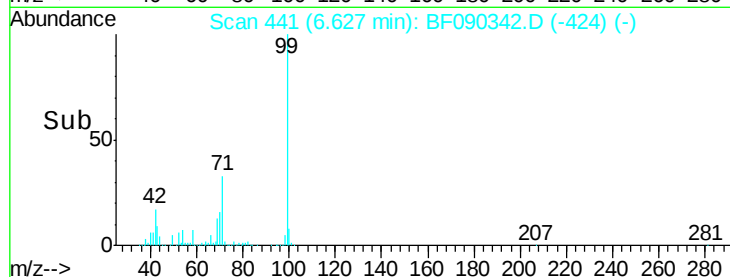
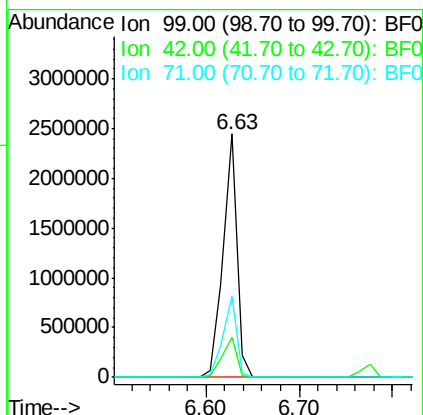
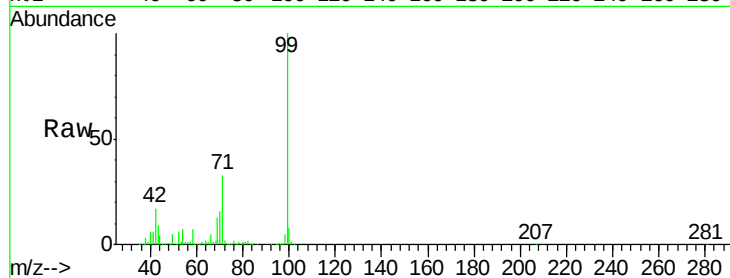
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2517545

Ion	Ratio	Lower	Upper
99	100		
42	16.7	20.0	30.0#
71	33.2	27.9	41.9



#10

Phenol

Concen: 2.59 ng

RT: 6.64 min Scan# 442

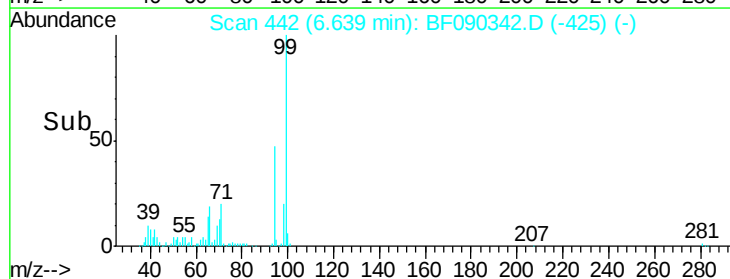
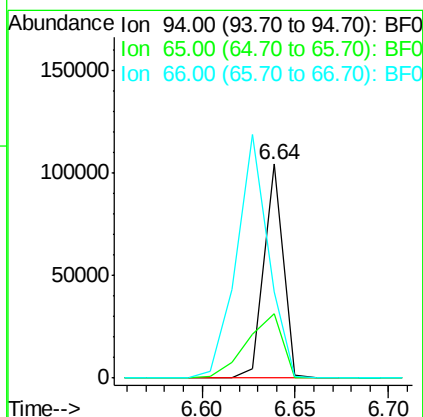
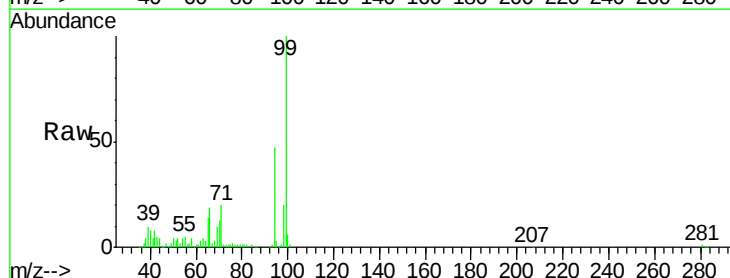
Delta R.T. -0.00 min

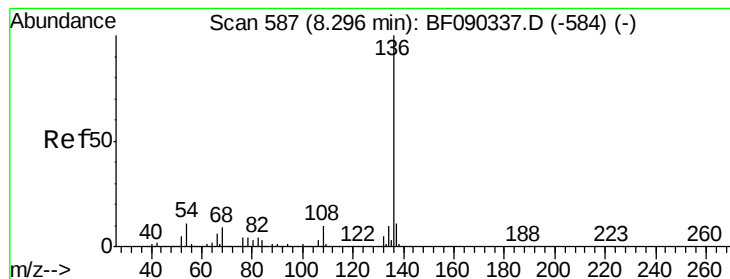
Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

Tgt Ion: 94 Resp: 76186

Ion	Ratio	Lower	Upper
94	100		
65	30.0	13.3	53.3
66	40.4	20.4	60.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

Instrument :

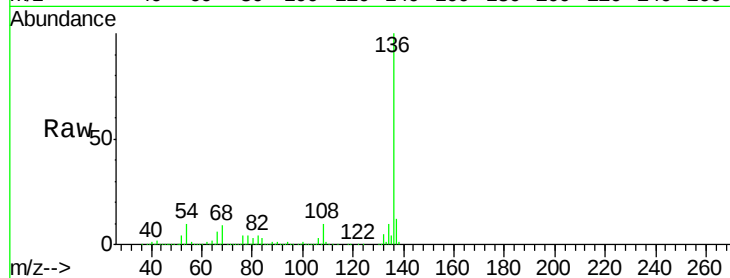
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1337981

Ion Ratio Lower Upper

136	100		
137	11.6	9.0	13.6
54	9.6	6.6	10.0
68	8.7	5.0	7.6

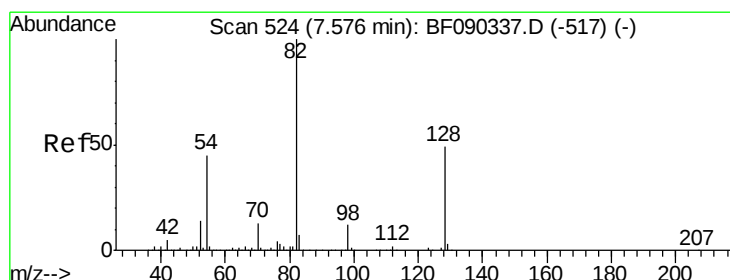
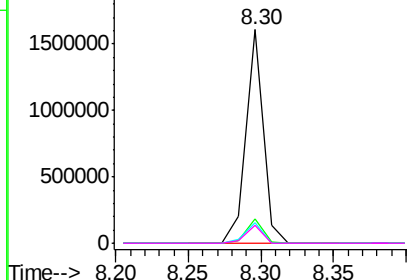
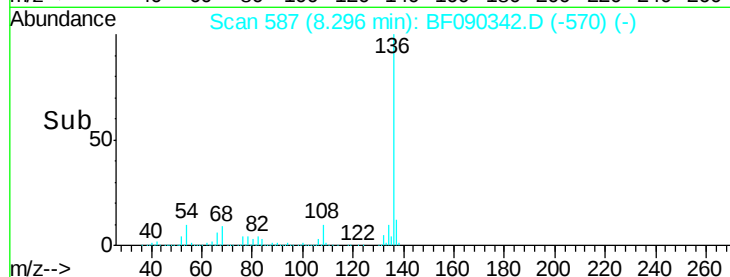


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.71 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.01 min

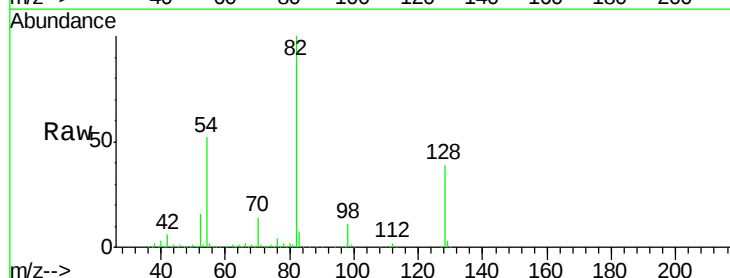
Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

Tgt Ion: 82 Resp: 1714757

Ion Ratio Lower Upper

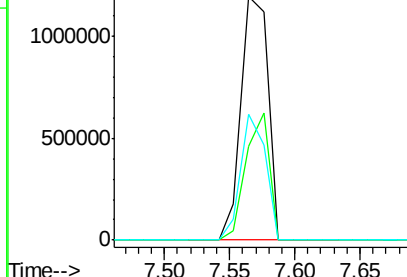
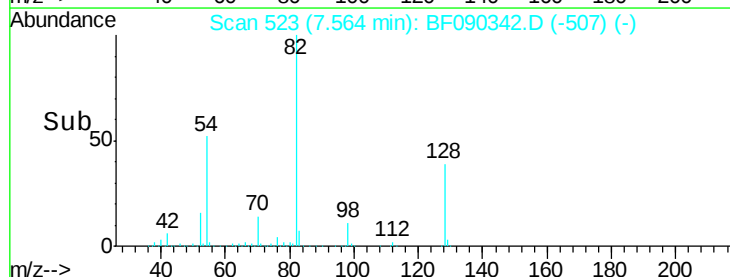
82	100		
128	38.7	40.0	60.0
54	51.9	42.6	64.0

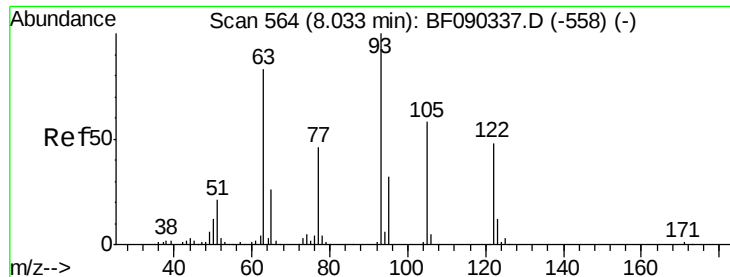


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 5.27 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.03 min

Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

Instrument :

BNA_F

ClientSampleId :

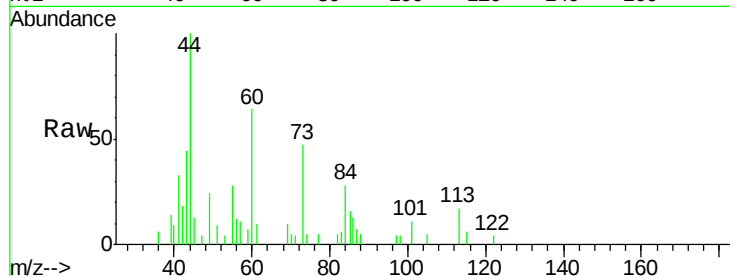
Tot Ion:122 Resp: 210

Ion Ratio Lower Upper

122 100

105 136.2 103.9 143.9

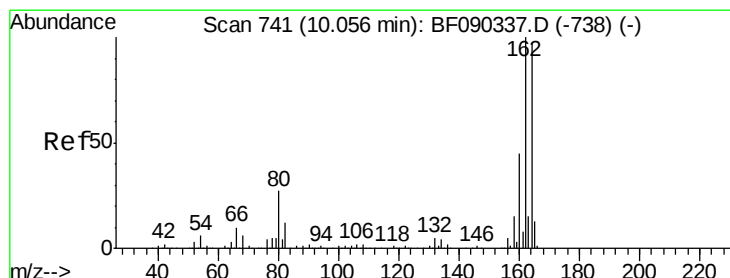
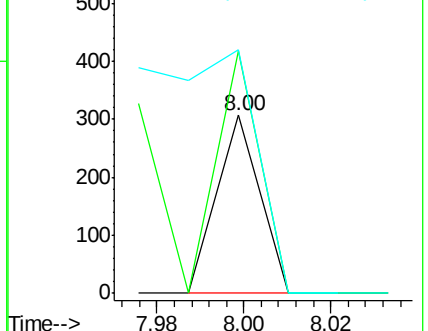
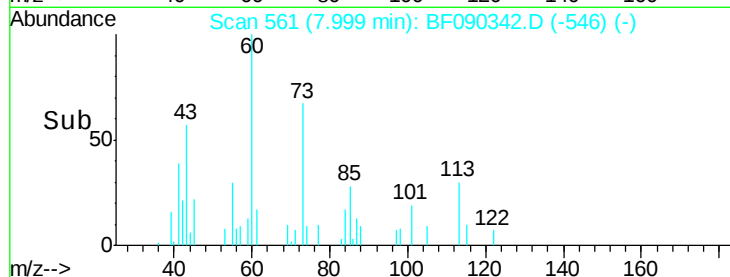
77 136.8 74.6 114.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

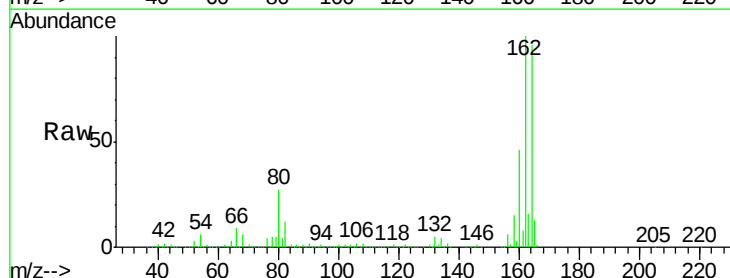
Tgt Ion:164 Resp: 703772

Ion Ratio Lower Upper

164 100

162 103.7 80.1 120.1

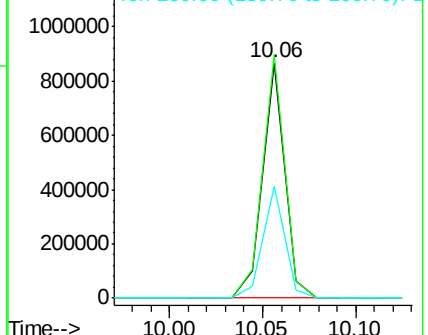
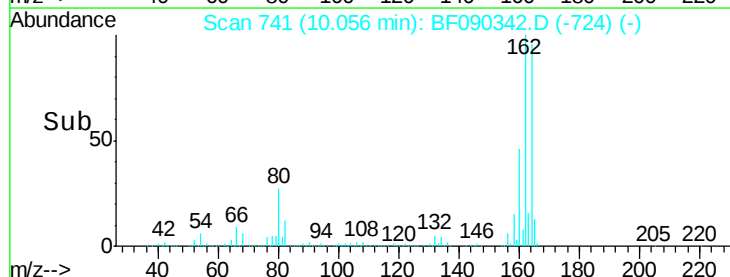
160 47.6 36.3 54.5

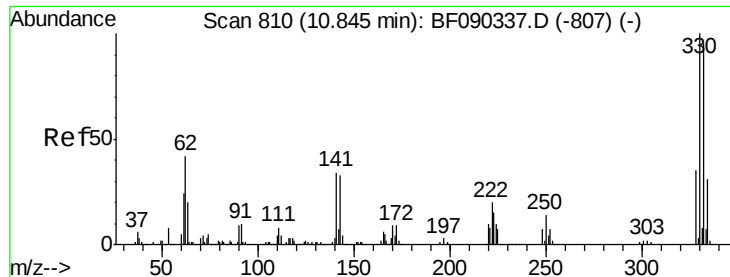


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

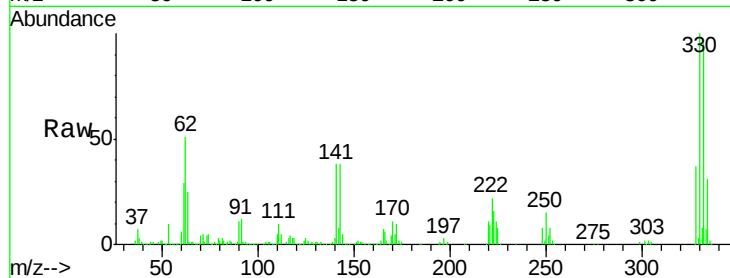




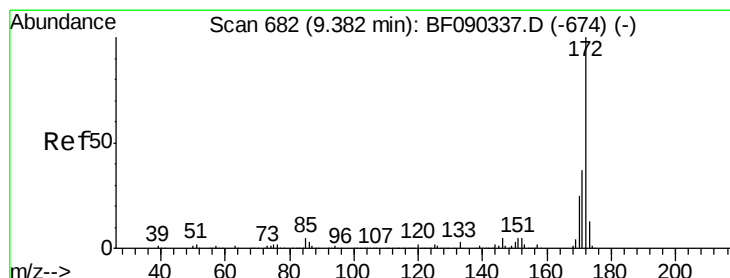
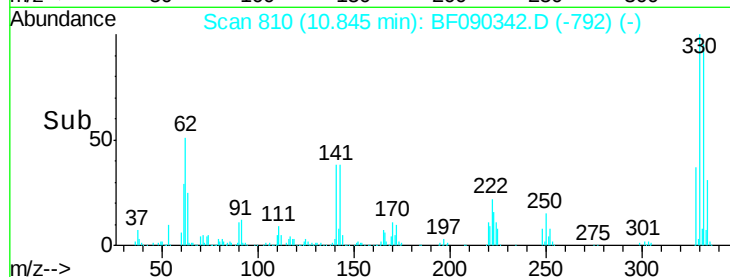
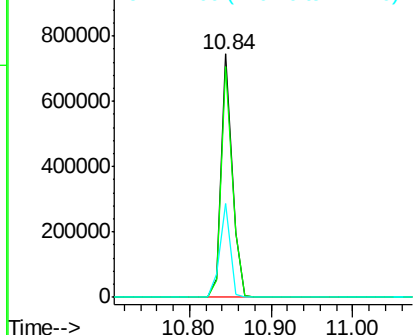
#41
 2,4,6-Tribromophenol
 Concen: 113.49 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090342.D
 Acq: 4 Oct 2016 14:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 693712
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.0
 141 36.9 26.9 40.3

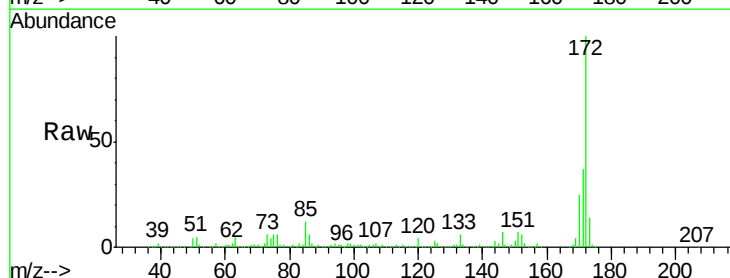


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

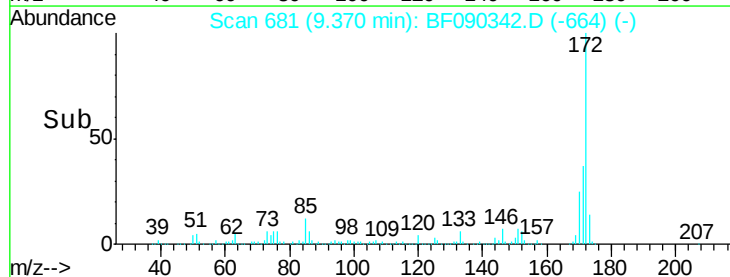
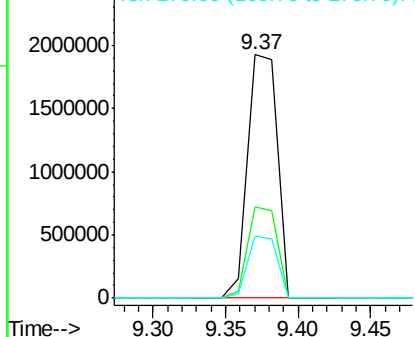


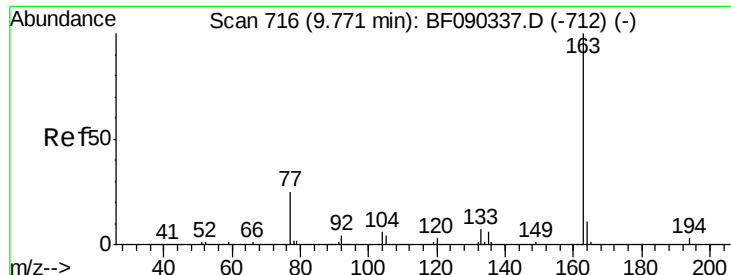
#44
 2-Fluorobiphenyl
 Concen: 63.28 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF090342.D
 Acq: 4 Oct 2016 14:18

Tgt Ion:172 Resp: 2731493
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.8 47.8
 170 25.3 21.7 32.5



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

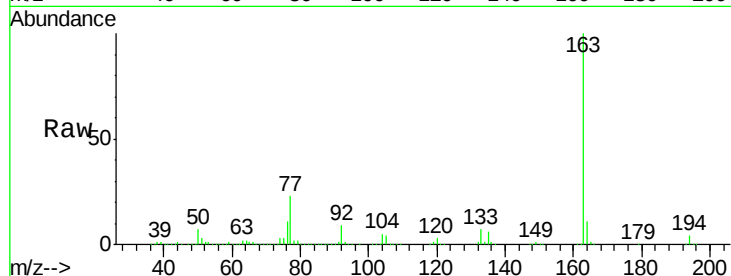




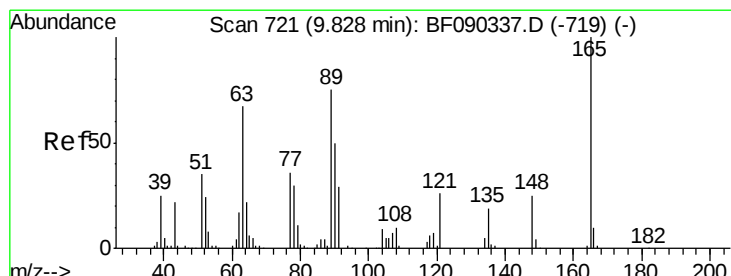
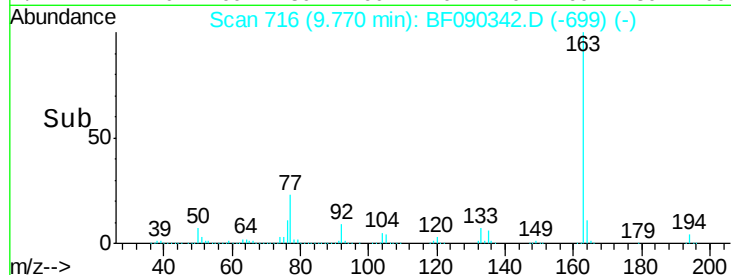
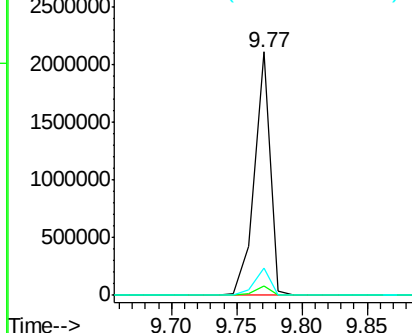
#49
Dimethylphthalate
Concen: 42.62 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF090342.D
Acq: 4 Oct 2016 14:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1775520
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 11.2 9.0 13.4

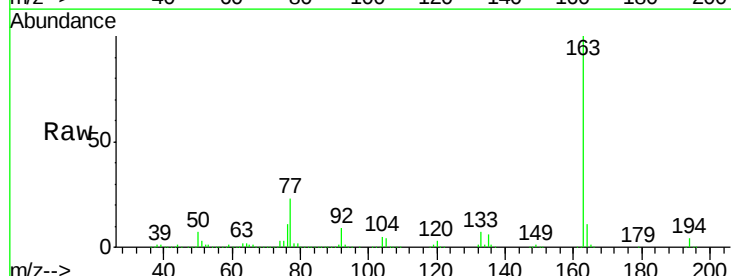


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

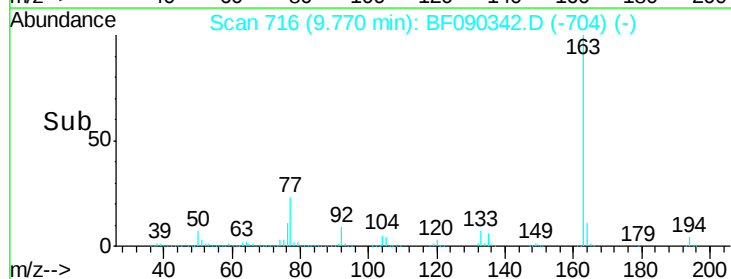
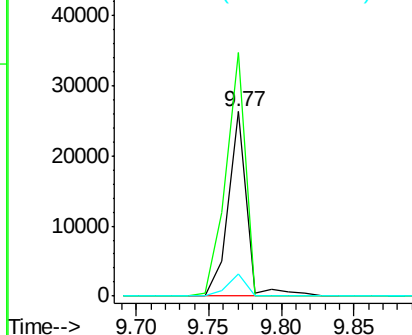


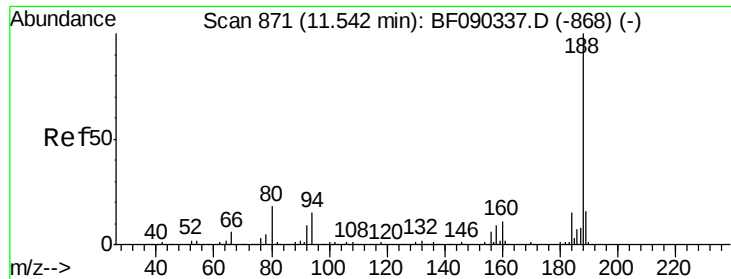
#50
2,6-Dinitrotoluene
Concen: 2.53 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.06 min
Lab File: BF090342.D
Acq: 4 Oct 2016 14:18

Tgt Ion:165 Resp: 23089
Ion Ratio Lower Upper
165 100
63 132.2 58.0 87.0#
89 12.4 51.2 76.8#



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

Instrument :

BNA_F

ClientSampled :

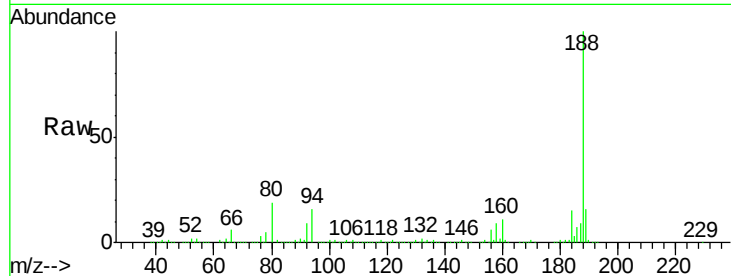
Tot Ion:188 Resp: 1081731

Ion Ratio Lower Upper

188 100

94 16.4 8.2 12.2#

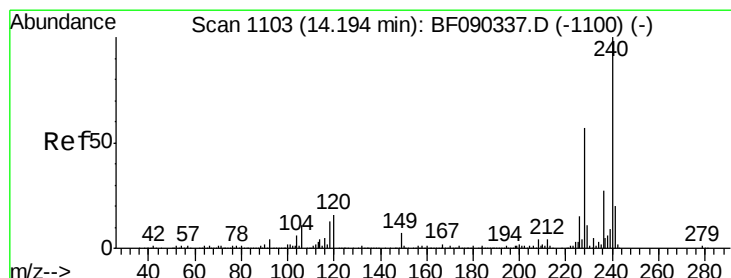
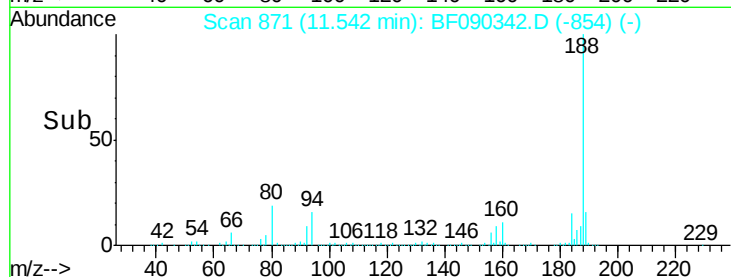
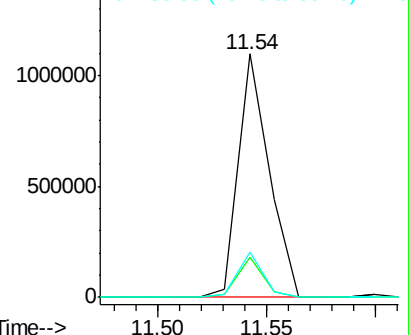
80 18.7 8.8 13.2#



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: 14.19 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

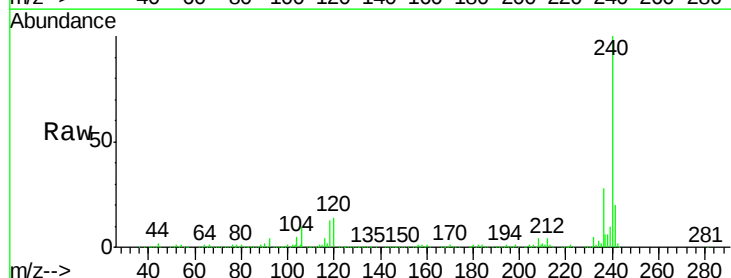
Tgt Ion:240 Resp: 921360

Ion Ratio Lower Upper

240 100

120 14.2 8.6 13.0#

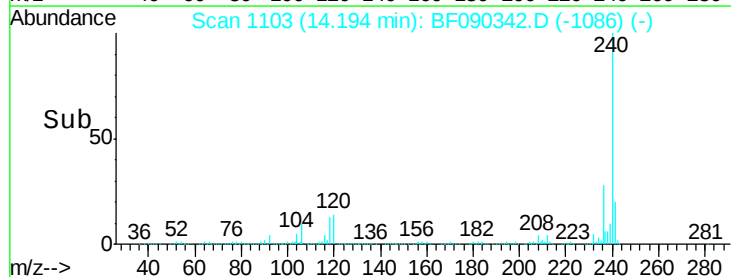
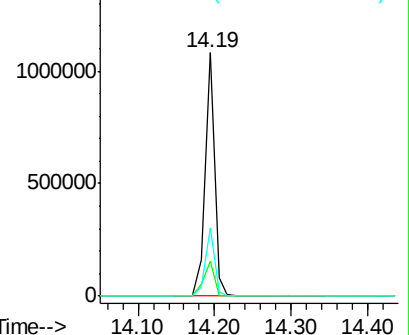
236 27.8 21.6 32.4

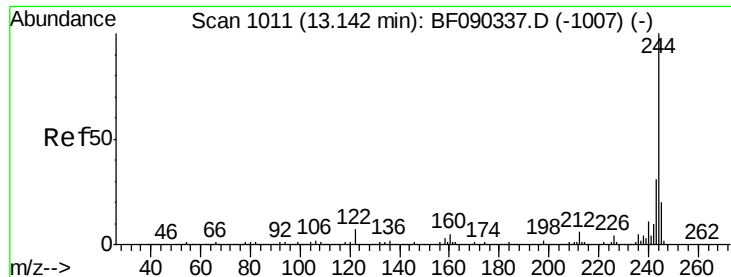


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.39 ng

RT: 13.14 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

Instrument :

BNA_F

ClientSampleId :

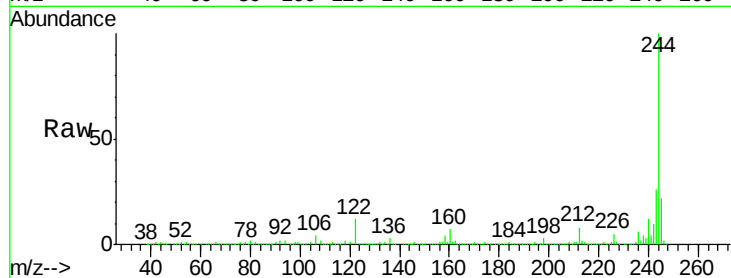
Tot Ion:244 Resp: 2667022

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

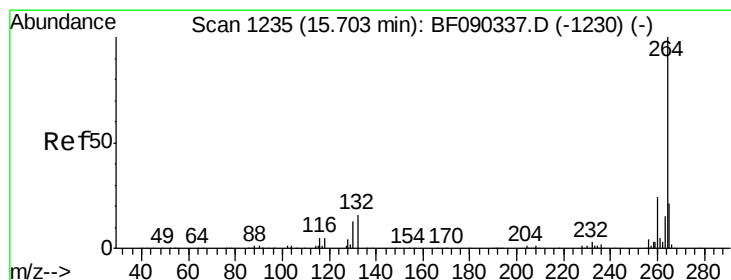
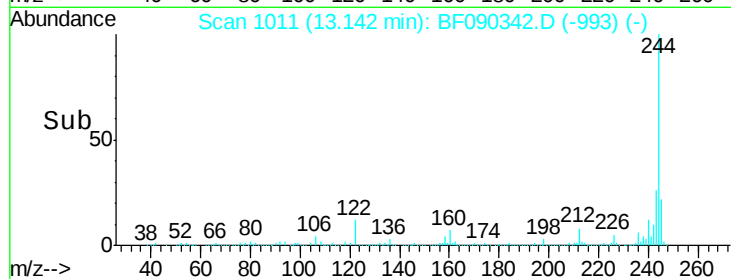
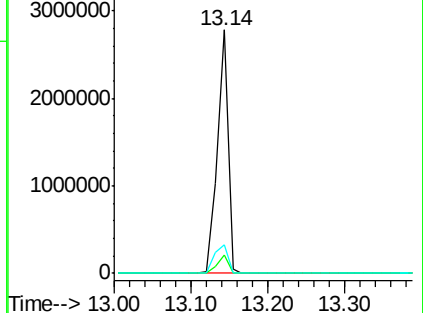
122 11.7 13.3 19.9#



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: 15.70 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BF090342.D

Acq: 4 Oct 2016 14:18

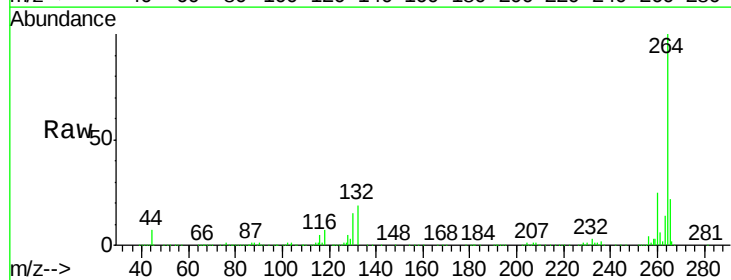
Tgt Ion:264 Resp: 618383

Ion Ratio Lower Upper

264 100

260 24.9 19.3 28.9

265 21.6 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

