

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092162.D
 Acq On : 10 Jan 2017 2:24
 Operator : UM/SJ
 Sample : I1055-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Quant Time: Jan 10 03:35:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	134226	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	517034	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	260743	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	398676	20.00	ng	0.00
75) Chrysene-d12	13.80	240	245314	20.00	ng	0.01
86) Perylene-d12	15.17	264	181766	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	507038	63.07	ng	0.01
7) Phenol-d6	6.32	99	395698	40.32	ng	0.01
23) Nitrobenzene-d5	7.21	82	666579	71.69	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	222448	103.09	ng	0.01
44) 2-Fluorobiphenyl	9.01	172	1092927	86.04	ng	0.00
78) Terphenyl-d14	12.76	244	959818	94.89	ng	0.01

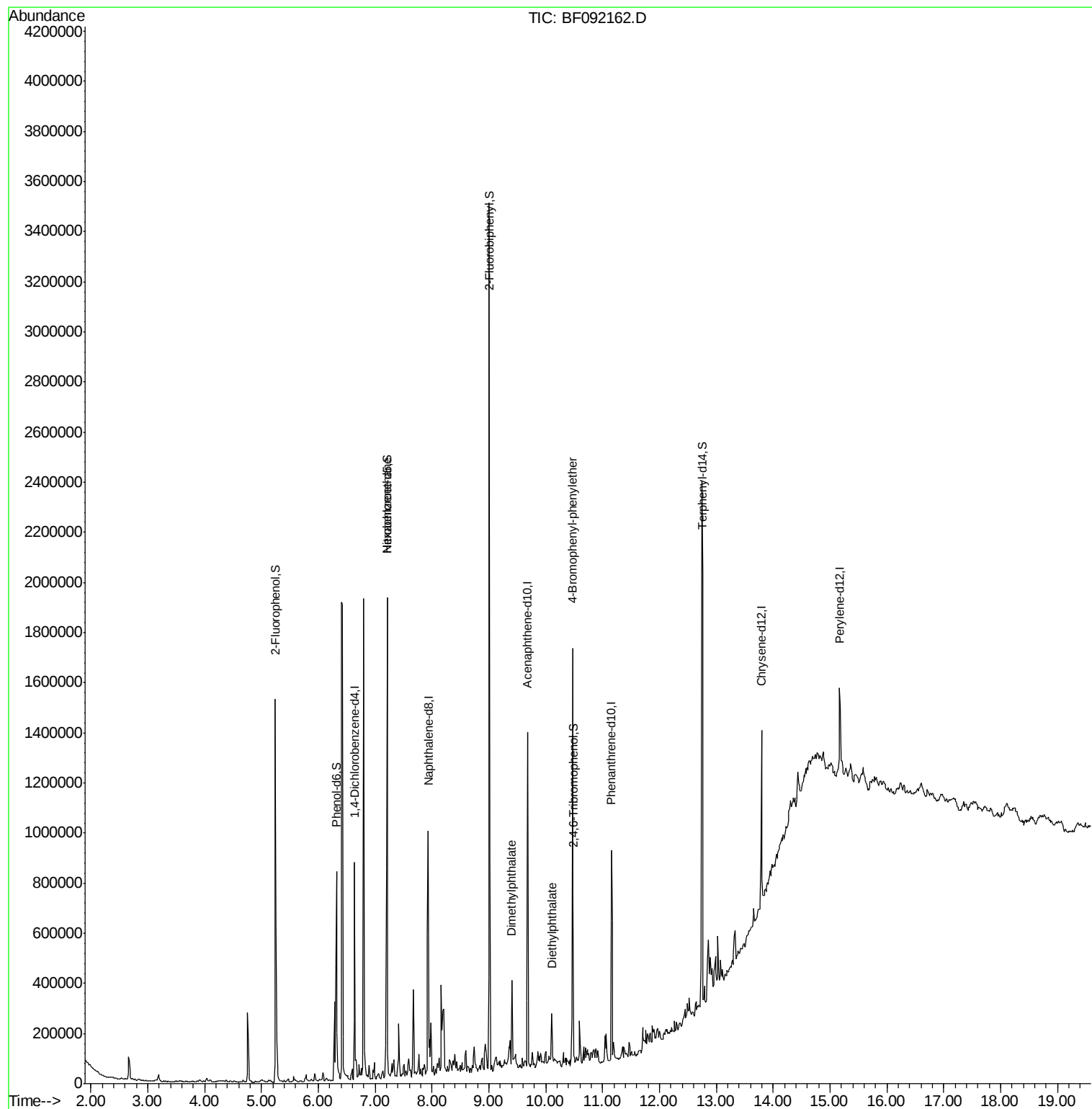
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.18	77	638	Below Cal	#	79
18) Hexachloroethane	7.21	117	48081	13.05	ng	4
49) Dimethylphthalate	9.41	163	130177	7.81	ng	98
59) Diethylphthalate	10.10	149	72975	4.51	ng	97
66) 4-Bromophenyl-phenylether	10.47	248	13592	3.28	ng	1
71) Anthracene	11.24	178	570	Below Cal	#	17
73) Di-n-butylphthalate	11.74	149	8487	Below Cal	#	84
74) Fluoranthene	12.37	202	1562	Below Cal	#	1
76) Benzydine	12.43	184	566	Below Cal	#	1

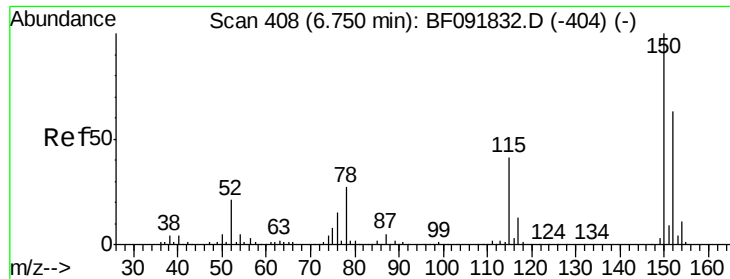
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

Instrument :

BNA_F

ClientSampleId :

W-31

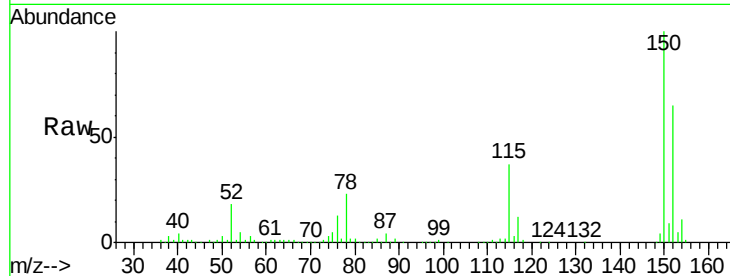
Tgt Ion:152 Resp: 134226

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

115 57.6 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

300000

250000

200000

150000

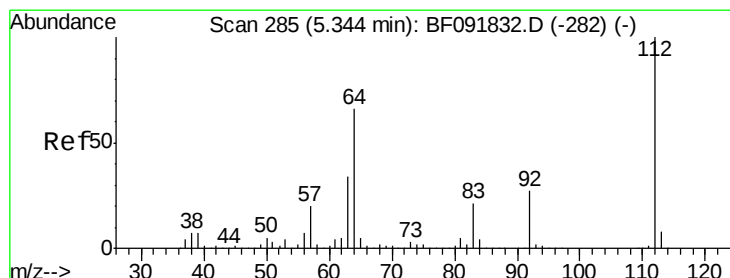
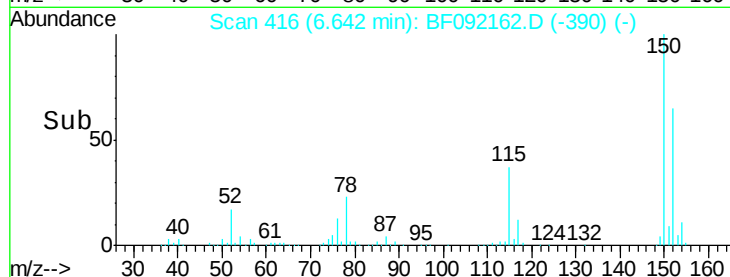
100000

50000

0

6.60 6.65 6.70

Time-->



#5

2-Fluorophenol

Concen: 63.07 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

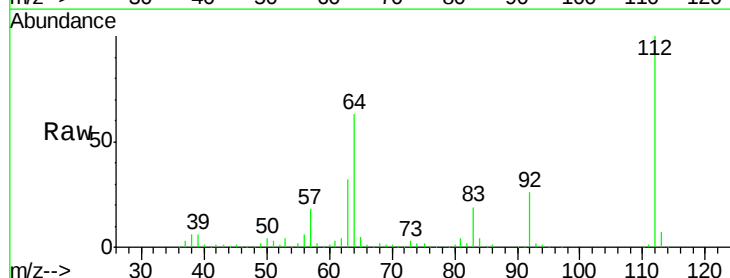
Tgt Ion:112 Resp: 507038

Ion Ratio Lower Upper

112 100

64 62.6 46.1 69.1

63 31.6 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

600000

500000

400000

300000

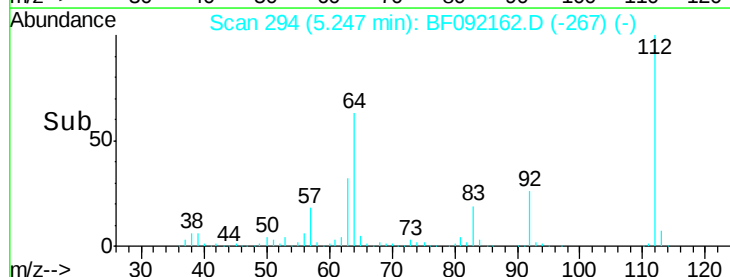
200000

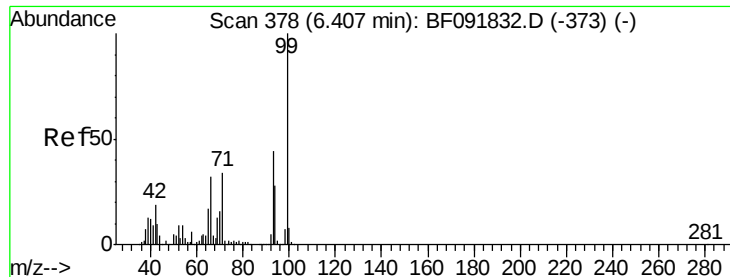
100000

0

5.10 5.20 5.30 5.40 5.50

Time-->





#7

Phenol-d6

Concen: 40.32 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

Instrument :

BNA_F

ClientSampleId :

W-31

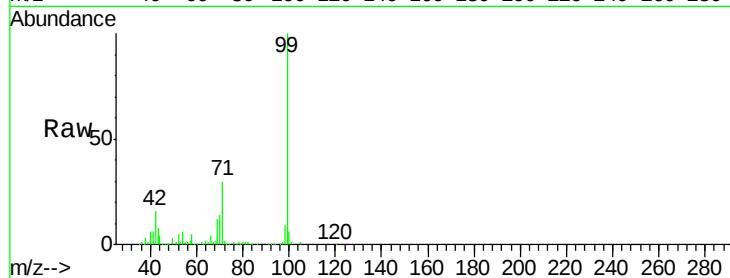
Tgt Ion: 99 Resp: 395698

Ion Ratio Lower Upper

99 100

42 15.6 15.6 23.4

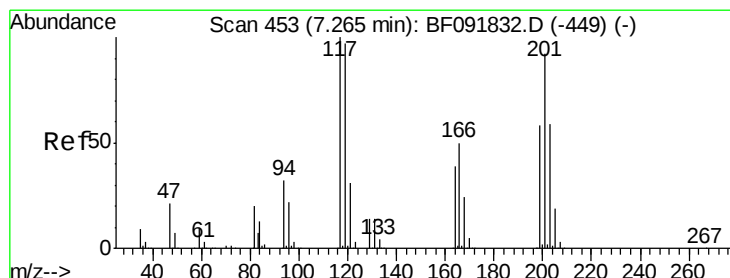
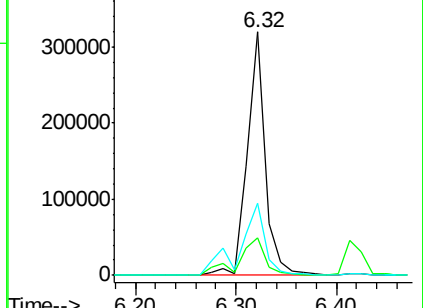
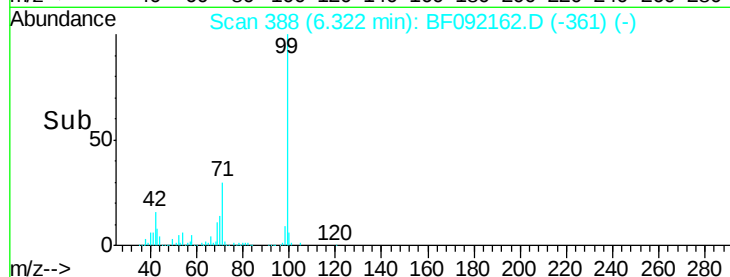
71 29.8 27.5 41.3



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



#18

Hexachloroethane

Concen: 13.05 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.06 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

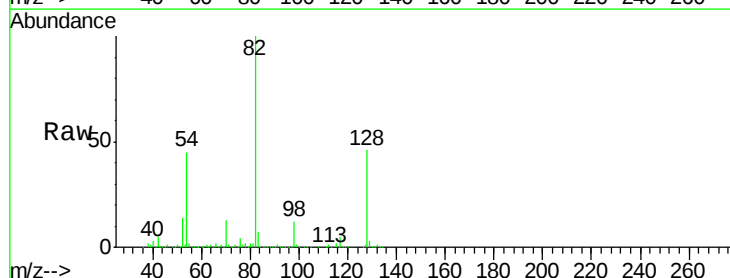
Tgt Ion: 117 Resp: 48081

Ion Ratio Lower Upper

117 100

119 5.1 78.1 117.1#

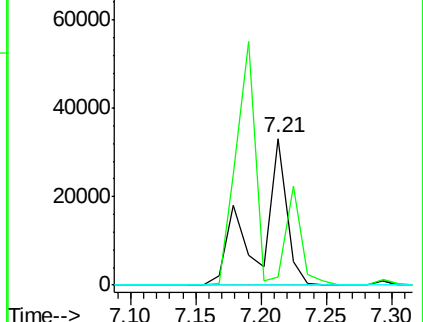
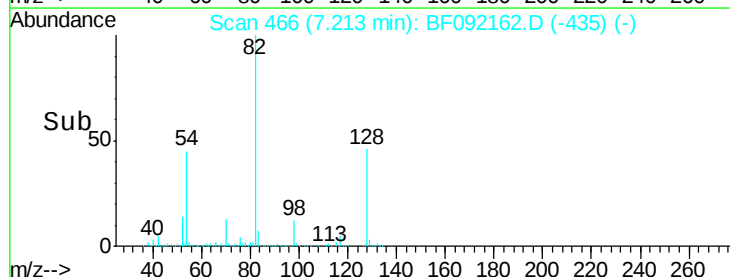
201 0.0 78.6 117.8#

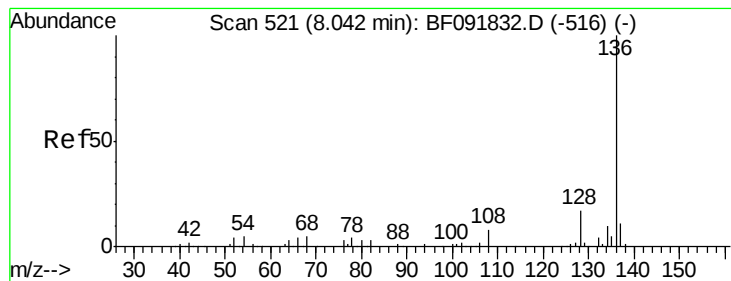


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

Instrument :

BNA_F

ClientSampleId :

W-31

Tgt Ion: 136 Resp: 517034

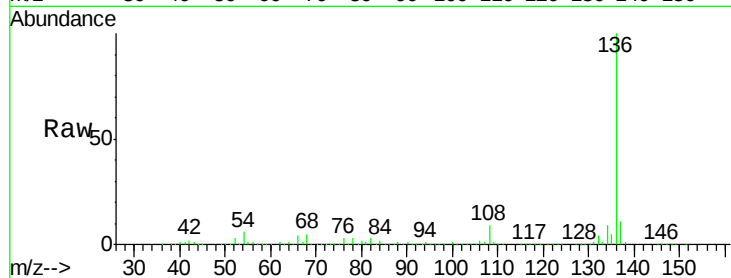
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 6.0 4.5 6.7

68 4.8 3.6 5.4

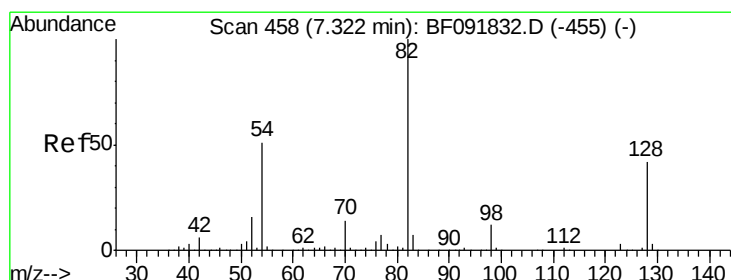
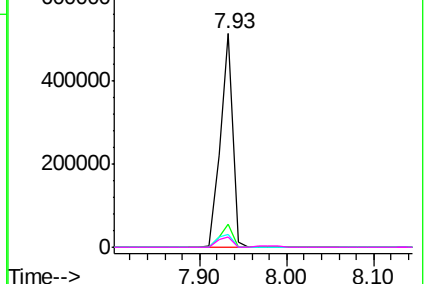
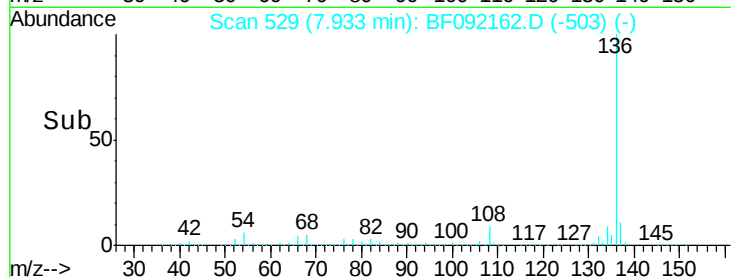


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.69 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

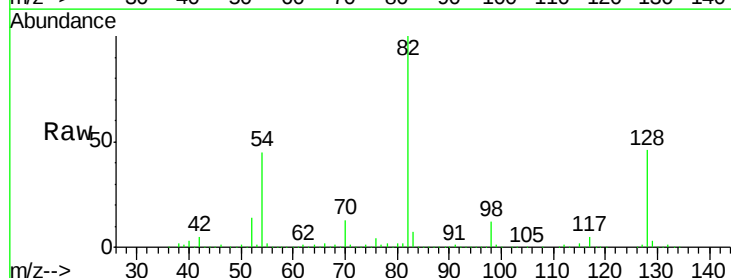
Tgt Ion: 82 Resp: 666579

Ion Ratio Lower Upper

82 100

128 45.6 34.6 52.0

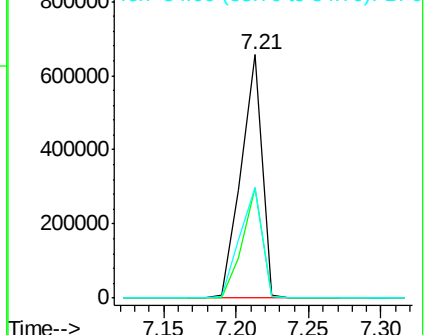
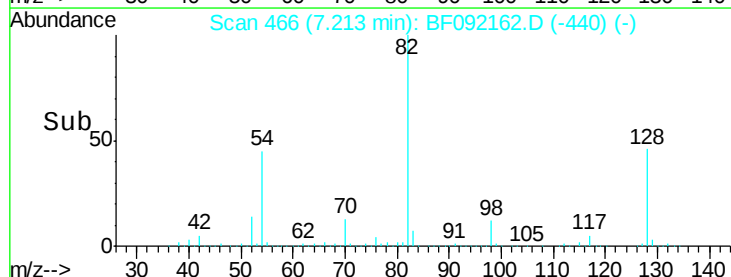
54 45.4 39.5 59.3

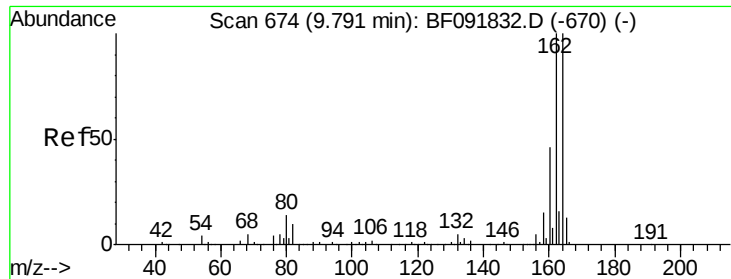


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

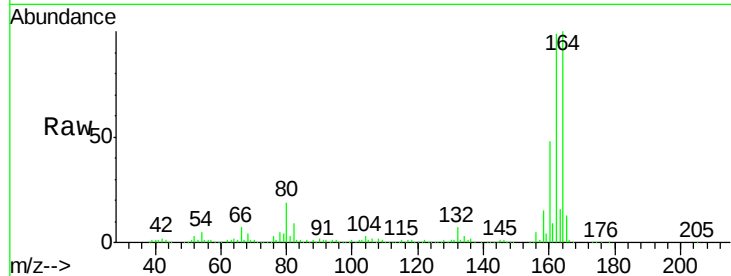




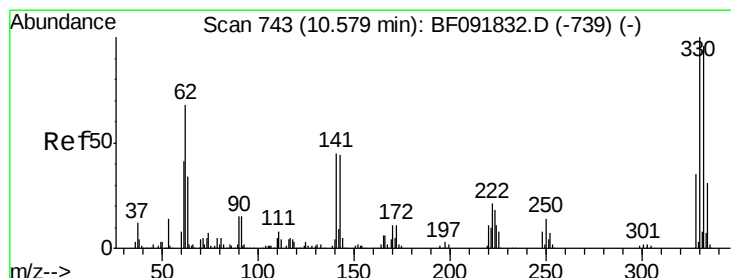
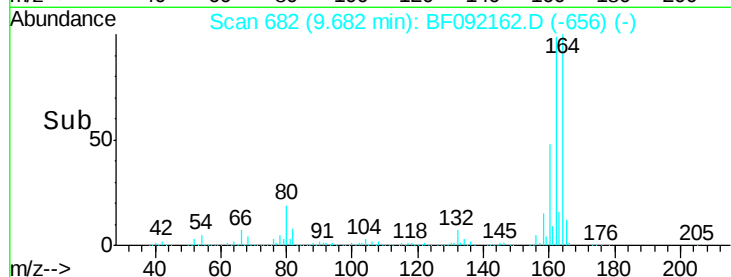
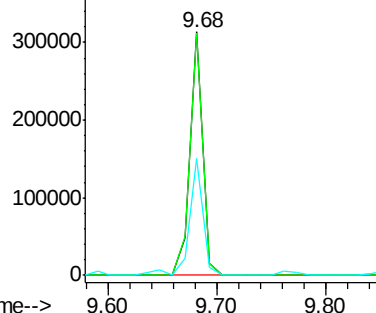
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092162.D
Acq: 10 Jan 2017 2:24

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:164 Resp: 260743
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 47.8 36.9 55.3

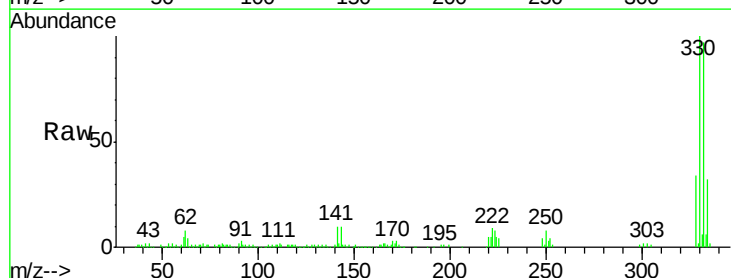


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

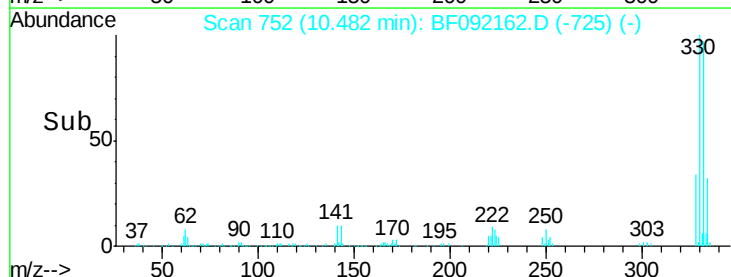
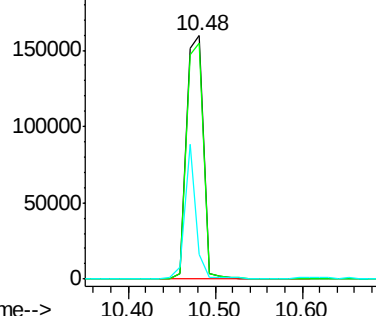


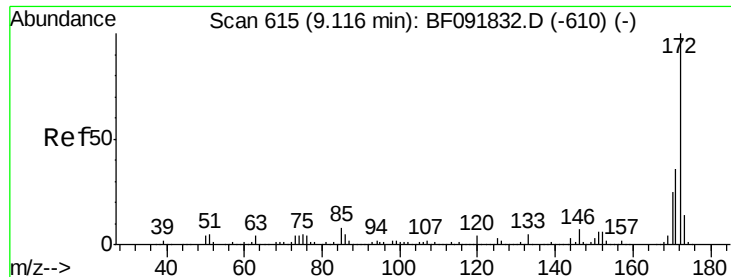
#41
2,4,6-Tribromophenol
Concen: 103.09 ng
RT: 10.48 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF092162.D
Acq: 10 Jan 2017 2:24

Tgt Ion:330 Resp: 222448
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 35.3 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

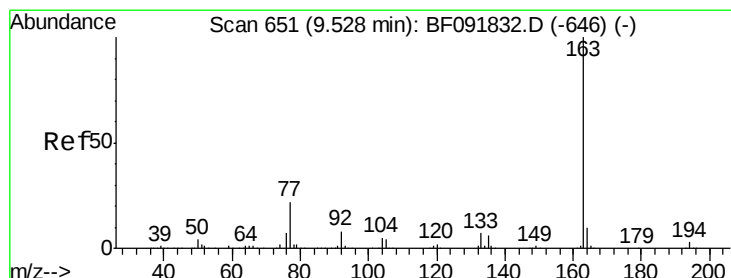
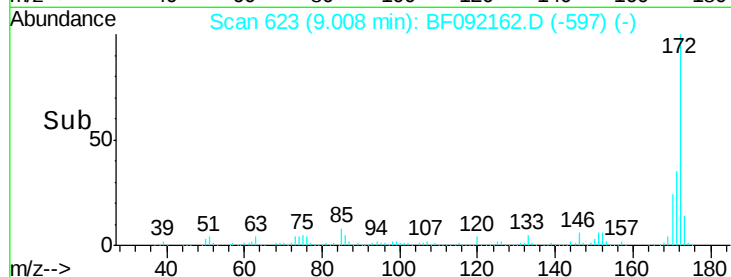
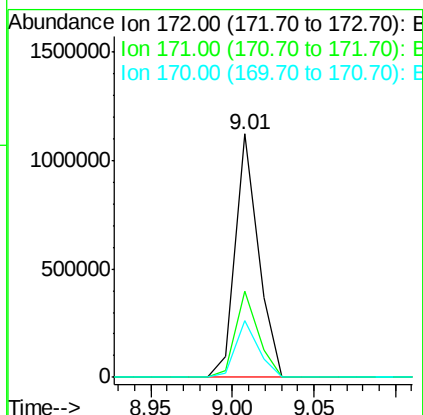
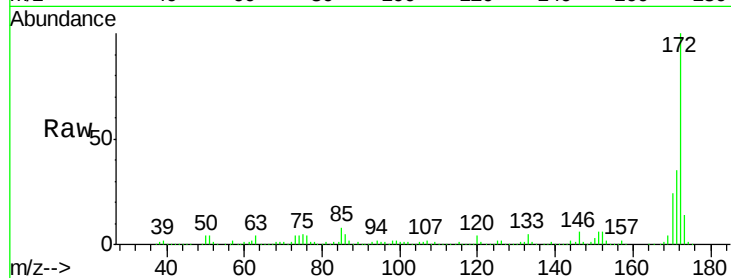




#44
 2-Fluorobiphenyl
 Concen: 86.04 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092162.D
 Acq: 10 Jan 2017 2:24

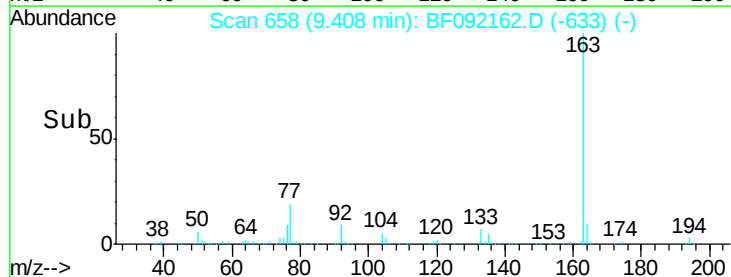
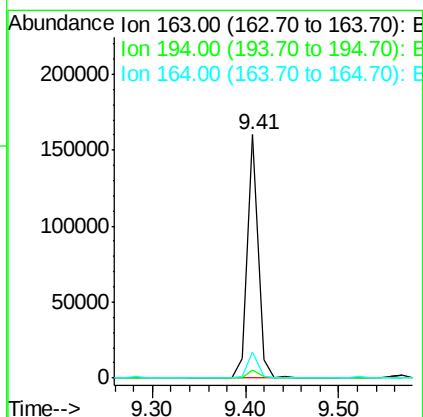
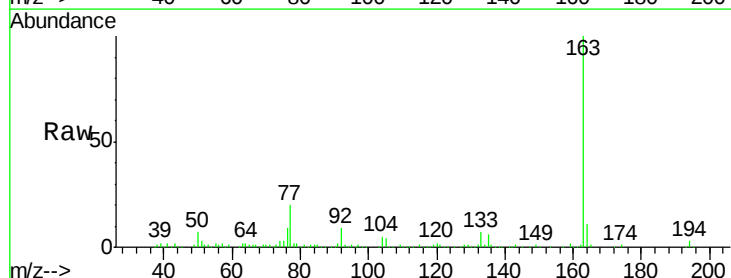
Instrument :
 BNA_F
 ClientSampleId :
 W-31

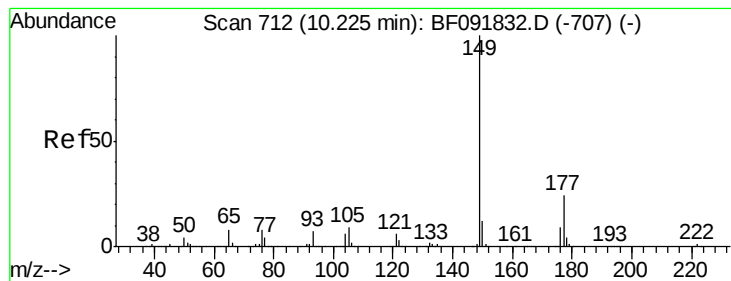
Tgt Ion:172 Resp: 1092927
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.6 20.2 30.4



#49
 Dimethylphthalate
 Concen: 7.81 ng
 RT: 9.41 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF092162.D
 Acq: 10 Jan 2017 2:24

Tgt Ion:163 Resp: 130177
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.5 8.0 12.0





#59

Diethylphthalate

Concen: 4.51 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

Instrument :

BNA_F

ClientSampled :

W-31

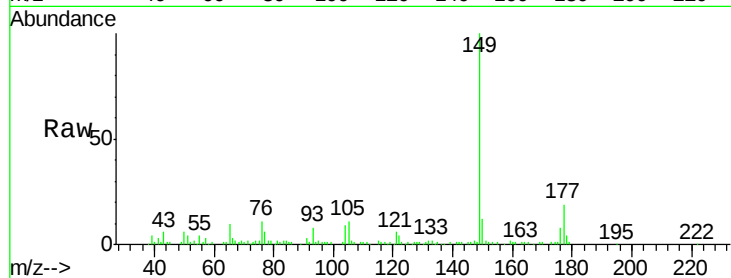
Tgt Ion:149 Resp: 72975

Ion Ratio Lower Upper

149 100

177 18.8 16.6 25.0

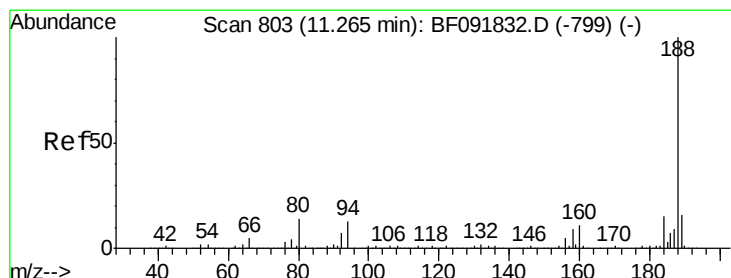
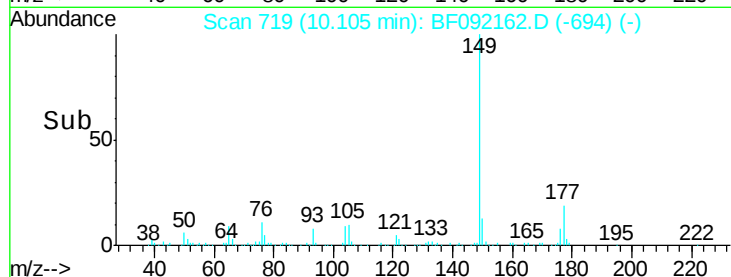
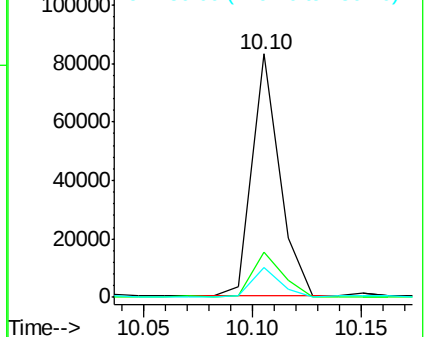
150 12.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

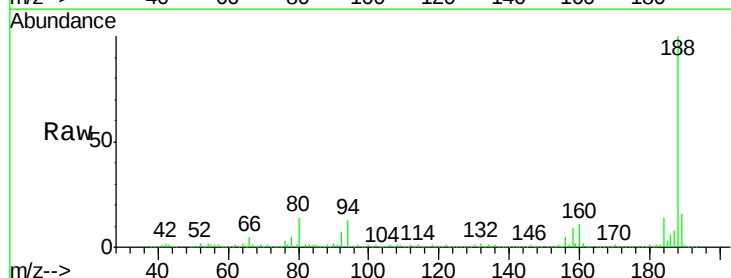
Tgt Ion:188 Resp: 398676

Ion Ratio Lower Upper

188 100

94 12.8 10.0 15.0

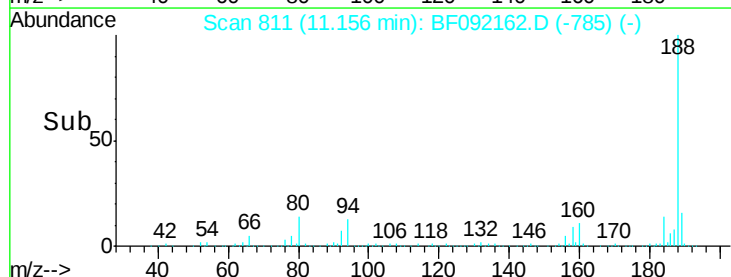
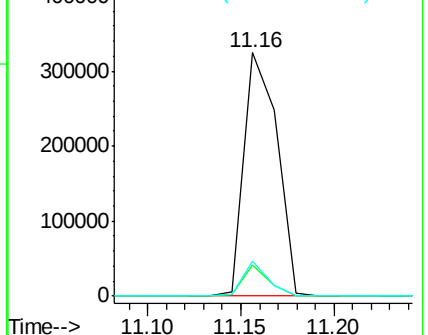
80 14.3 11.2 16.8

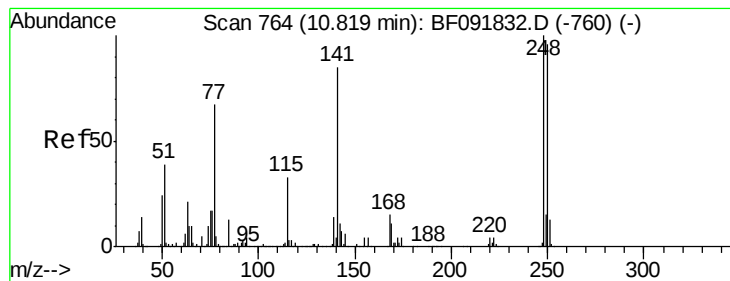


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.28 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.24 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

Instrument :

BNA_F

ClientSampled :

W-31

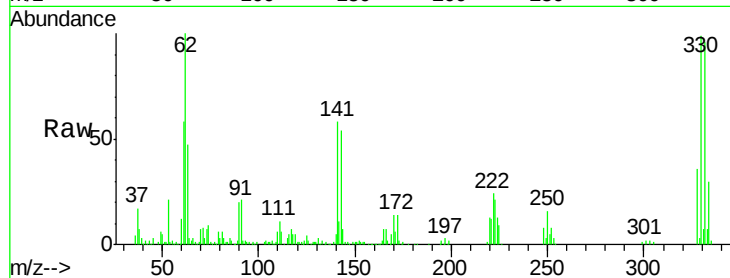
Tgt Ion:248 Resp: 13592

Ion Ratio Lower Upper

248 100

250 188.7 76.9 115.3#

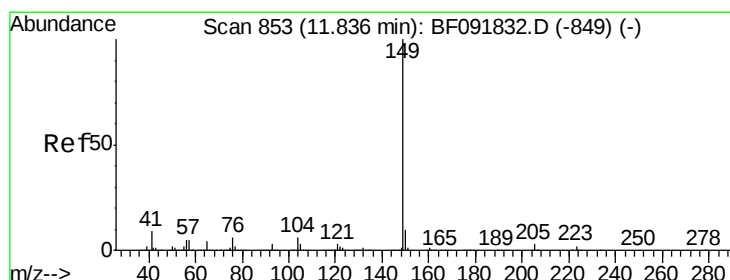
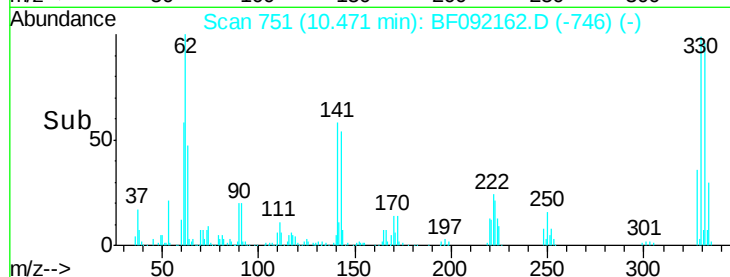
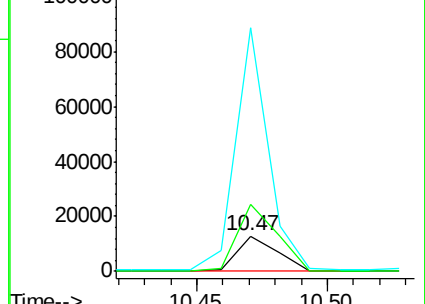
141 686.5 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.74 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

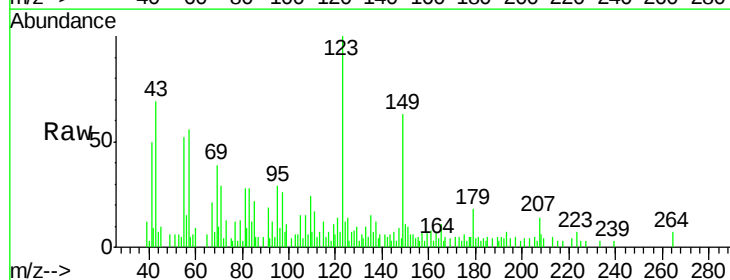
Tgt Ion:149 Resp: 8487

Ion Ratio Lower Upper

149 100

150 17.7 8.1 12.1#

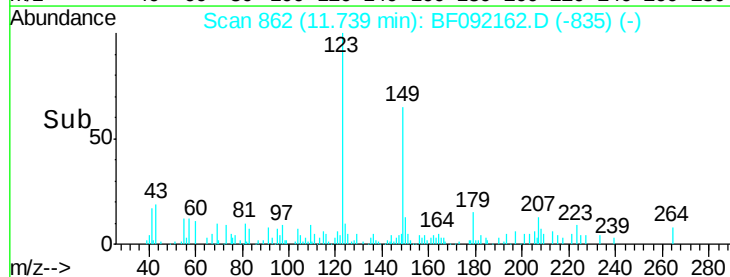
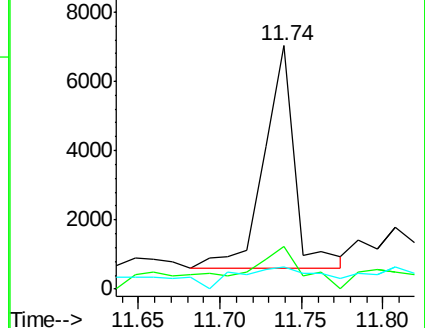
104 9.0 4.6 7.0#

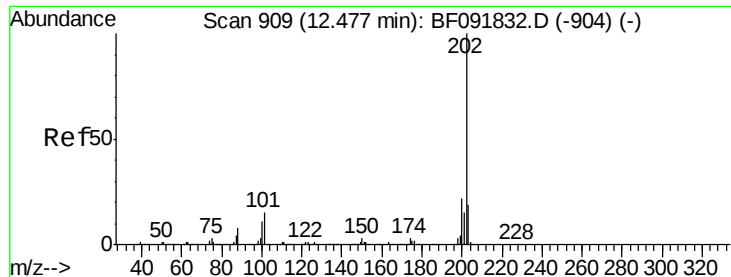


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

Instrument :

BNA_F

ClientSampled :

W-31

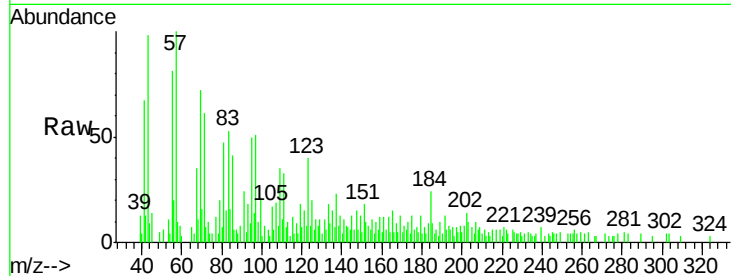
Tgt Ion:202 Resp: 1562

Ion Ratio Lower Upper

202 100

101 55.2 0.0 34.6#

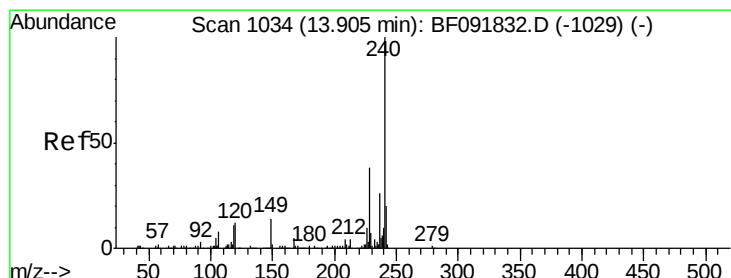
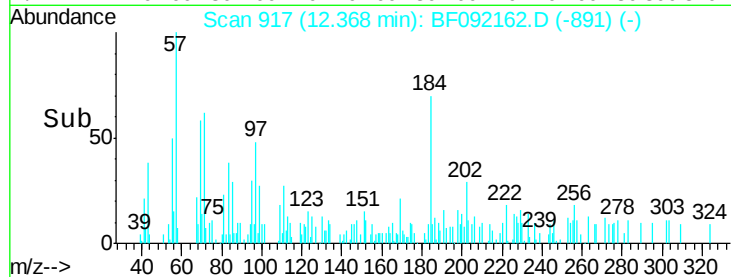
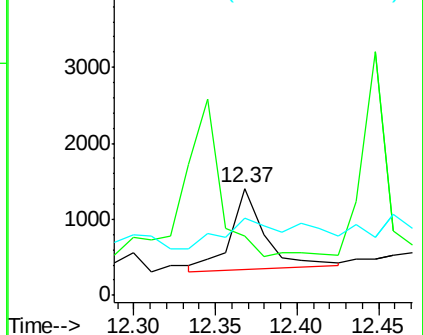
203 72.4 0.0 38.7#



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: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

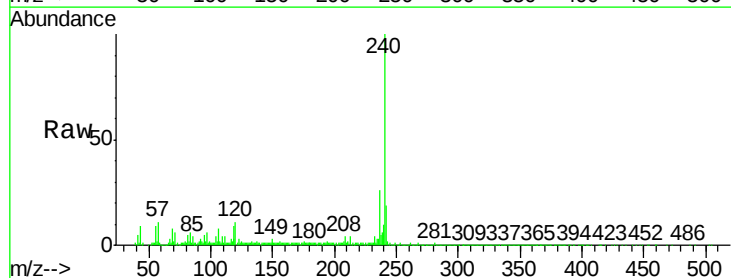
Tgt Ion:240 Resp: 245314

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

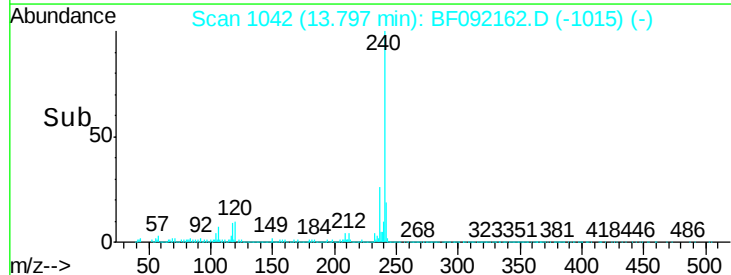
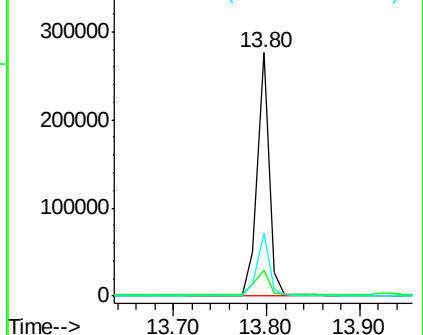
236 25.7 20.9 31.3

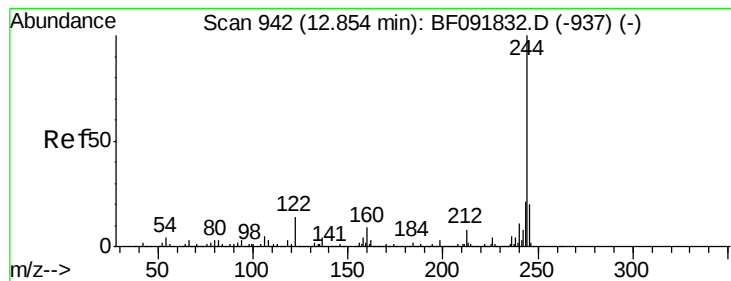


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.89 ng

RT: 12.76 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

Instrument :

BNA_F

ClientSampleId :

W-31

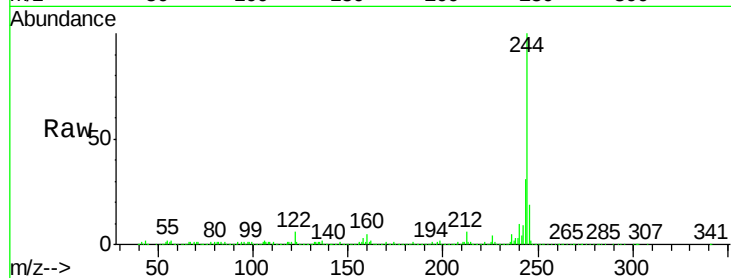
Tgt Ion:244 Resp: 959818

Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.2

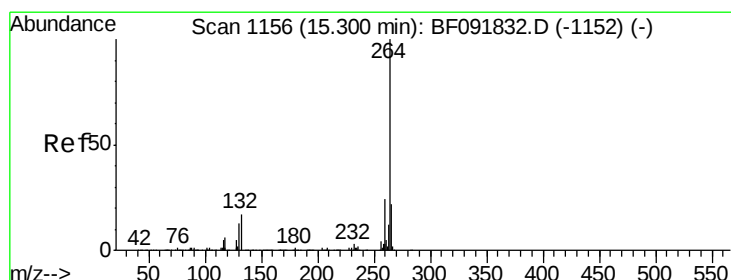
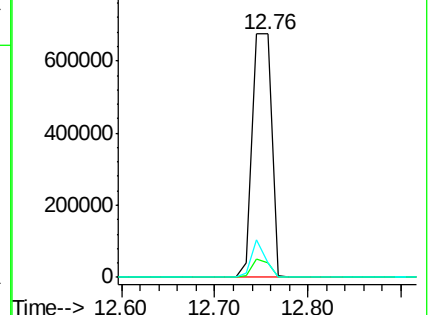
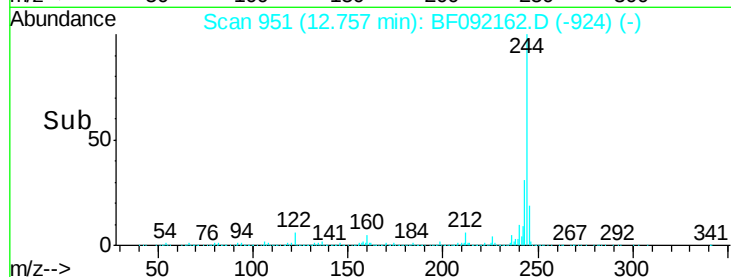
122 5.7 11.4 17.2#



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: 15.17 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BF092162.D

Acq: 10 Jan 2017 2:24

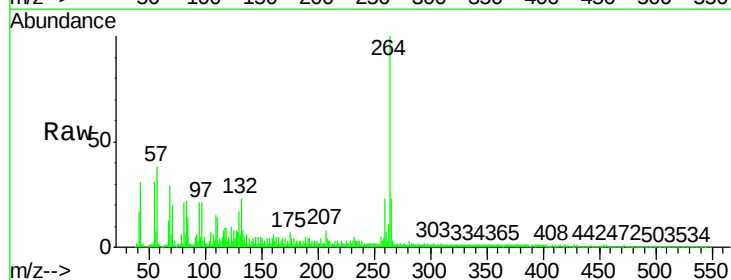
Tgt Ion:264 Resp: 181766

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 23.2 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

