

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092171.D
 Acq On : 10 Jan 2017 6:24
 Operator : UM/SJ
 Sample : I1056-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-08

Quant Time: Jan 10 06:55:48 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	127390	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	458761	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	207638	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	357365	20.00	ng	0.00
75) Chrysene-d12	13.79	240	206847	20.00	ng	0.00
86) Perylene-d12	15.17	264	163712	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	690751	90.54	ng	0.01
7) Phenol-d6	6.31	99	508818	54.63	ng	0.00
23) Nitrobenzene-d5	7.21	82	676055	81.94	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	227038	132.12	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1218540	126.55	ng	0.00
78) Terphenyl-d14	12.75	244	979266	114.82	ng	0.00

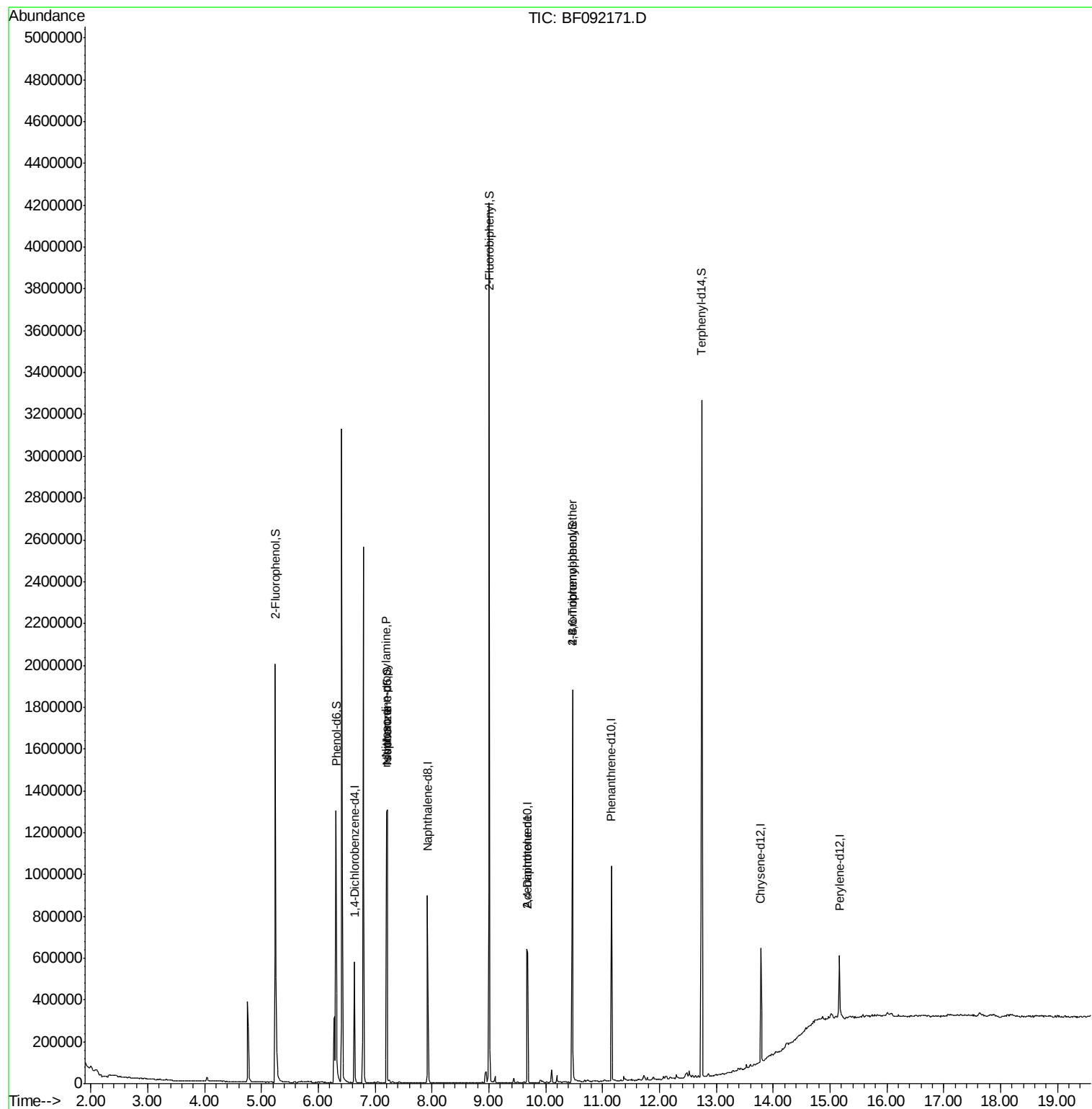
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.31	77	1203	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.20	70	85560	13.81	ng	80
25) Isophorone	7.21	82	646496	42.47	ng	65
56) 2,4-Dinitrotoluene	9.68	165	27145	7.44	ng	18
66) 4-Bromophenyl-phenylether	10.47	248	14817	3.99	ng	1
71) Anthracene	11.18	178	459	Below Cal	#	53
73) Di-n-butylphthalate	11.73	149	4842	Below Cal	#	95
74) Fluoranthene	12.37	202	219	Below Cal		61

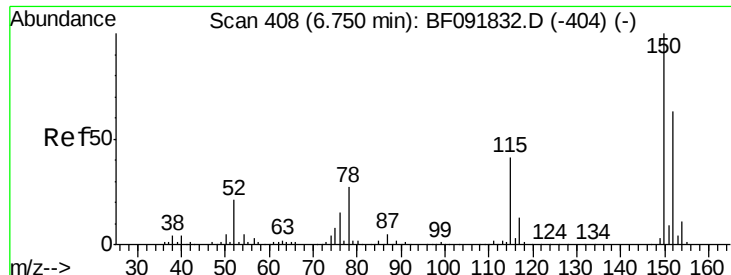
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092171.D

Acq: 10 Jan 2017 6:24

Instrument :

BNA_F

ClientSampled :

W-08

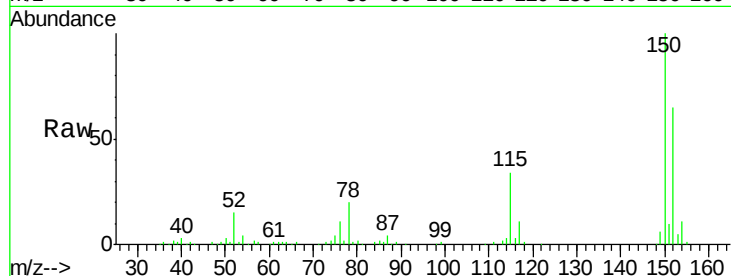
Tgt Ion:152 Resp: 127390

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

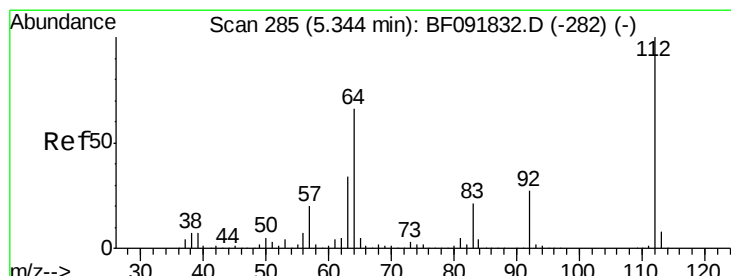
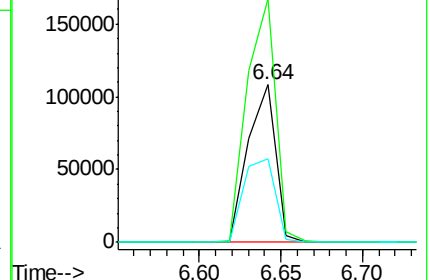
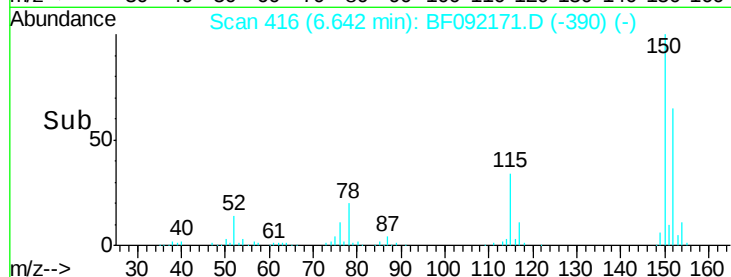
115 52.9 46.0 69.0



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: 90.54 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

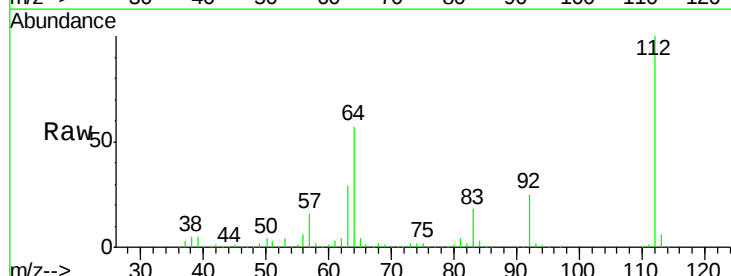
Tgt Ion:112 Resp: 690751

Ion Ratio Lower Upper

112 100

64 56.6 46.1 69.1

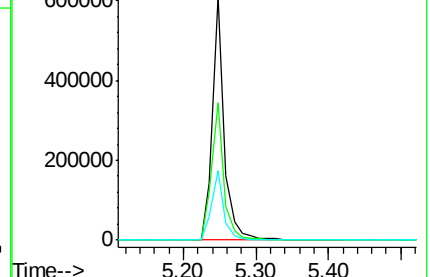
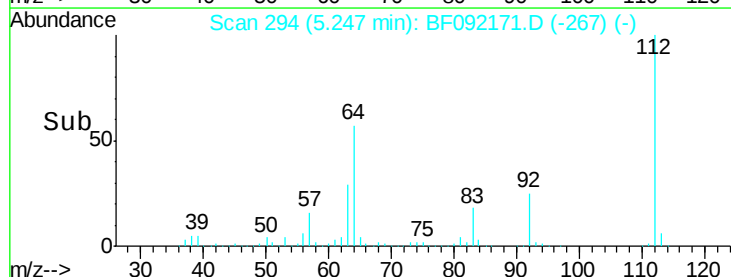
63 28.5 23.8 35.6



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: 54.63 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Instrument :

BNA_F

ClientSampleId :

W-08

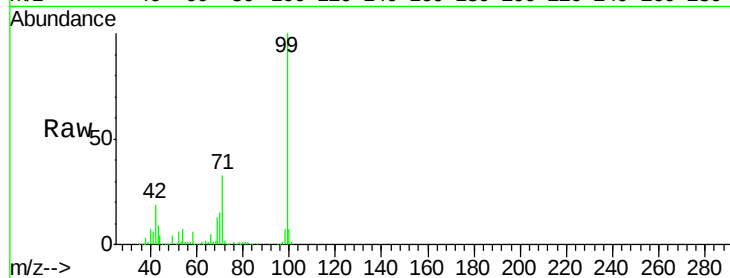
Tgt Ion: 99 Resp: 508818

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

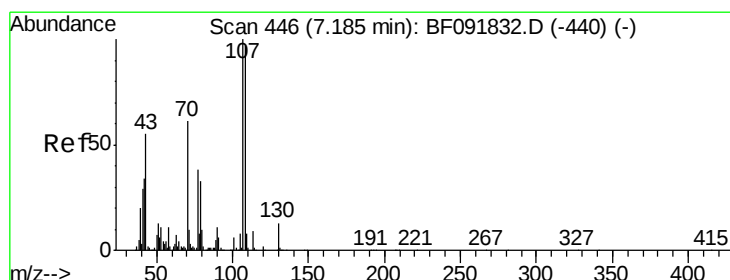
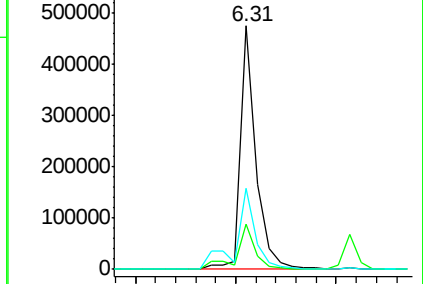
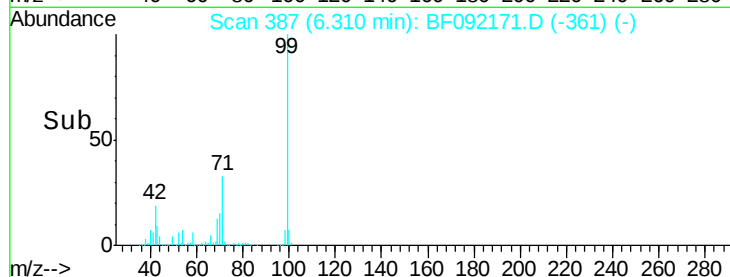
71 33.0 27.5 41.3



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: 13.81 ng

RT: 7.20 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Tgt Ion: 70 Resp: 85560

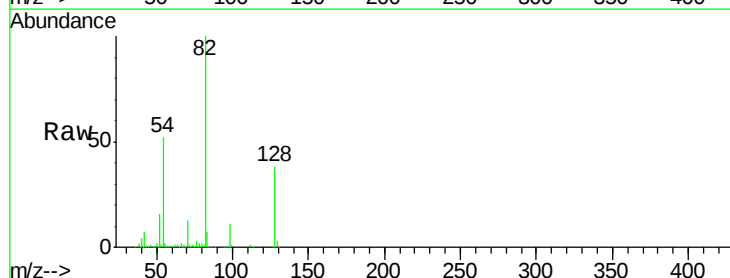
Ion Ratio Lower Upper

70 100

42 50.3 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

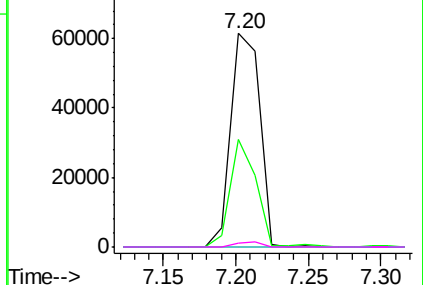
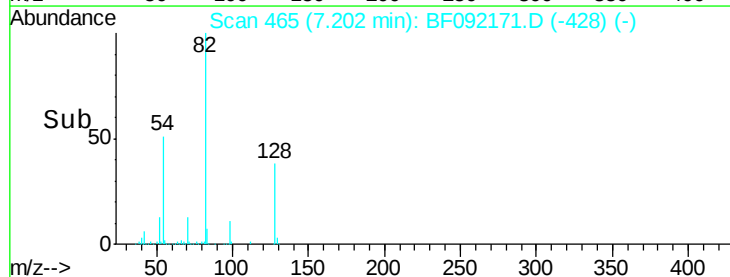


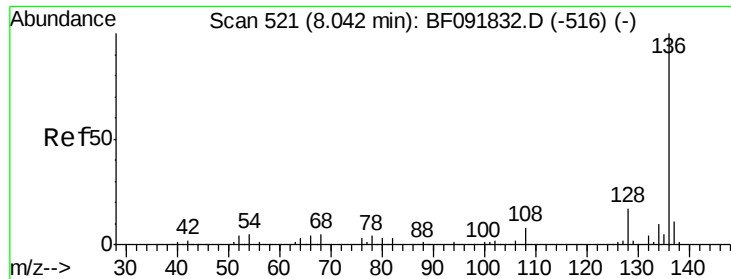
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

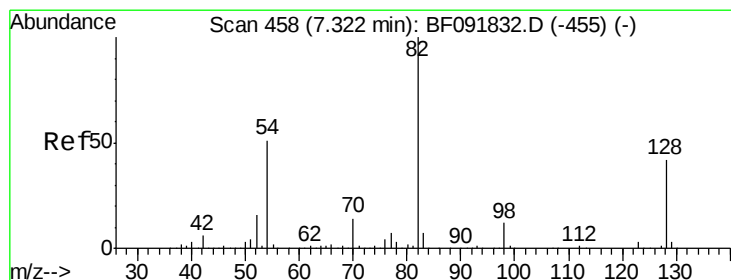
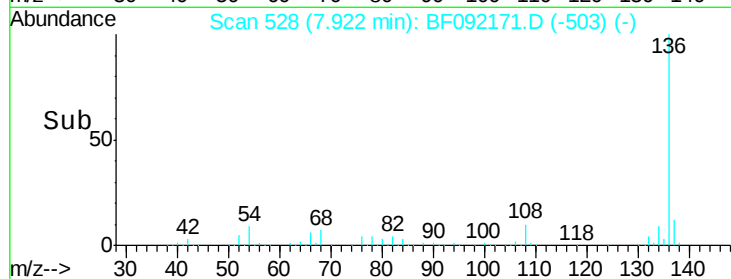
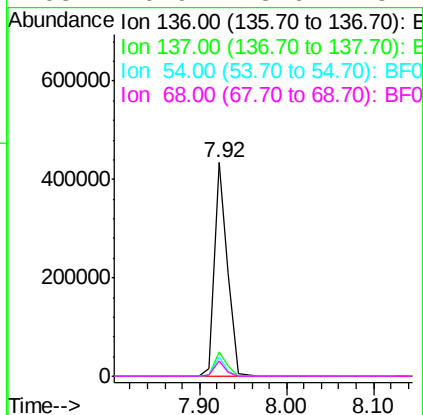
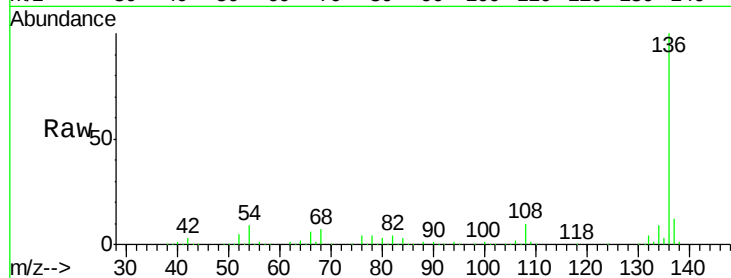




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092171.D
Acq: 10 Jan 2017 6:24

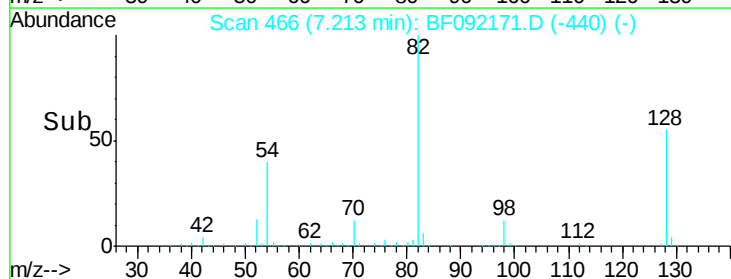
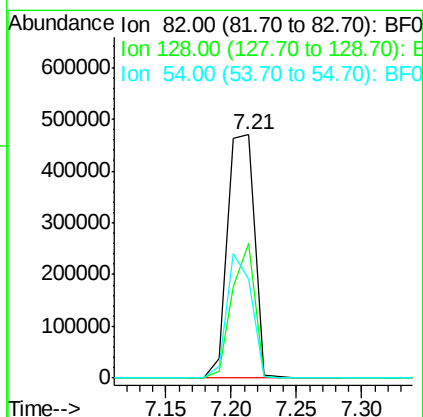
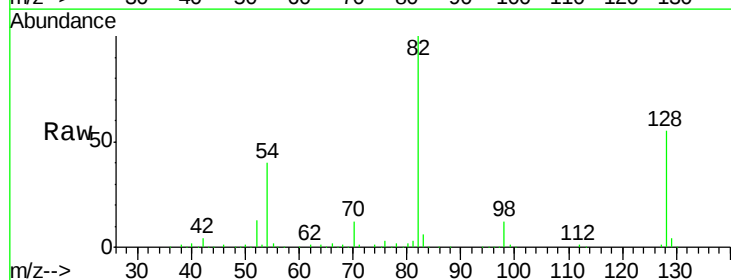
Instrument :
BNA_F
ClientSampleId :
W-08

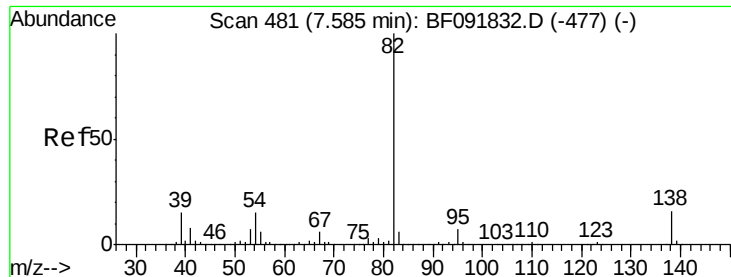
Tgt Ion:	136	Resp:	458761
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	9.2	4.5	6.7#
68	6.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 81.94 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092171.D
Acq: 10 Jan 2017 6:24

Tgt Ion:	82	Resp:	676055
Ion	Ratio	Lower	Upper
82	100		
128	55.4	34.6	52.0#
54	40.4	39.5	59.3





#25

Isophorone

Concen: 42.47 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Instrument :

BNA_F

ClientSampleId :

W-08

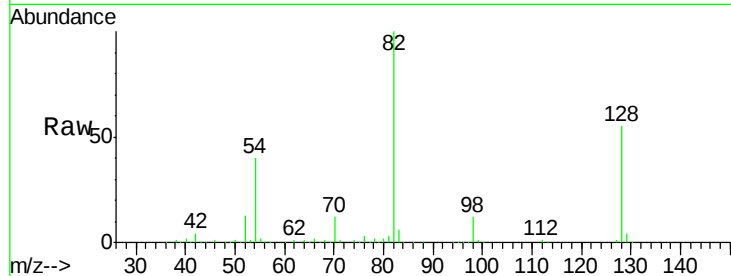
Tgt Ion: 82 Resp: 646496

Ion Ratio Lower Upper

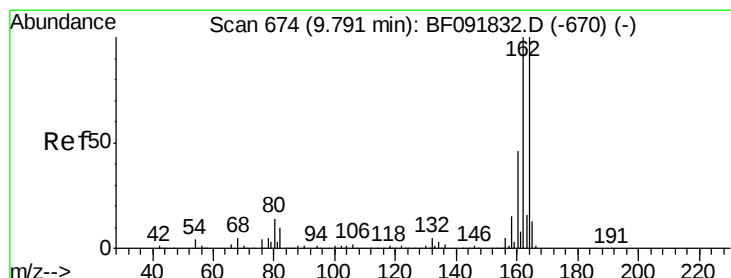
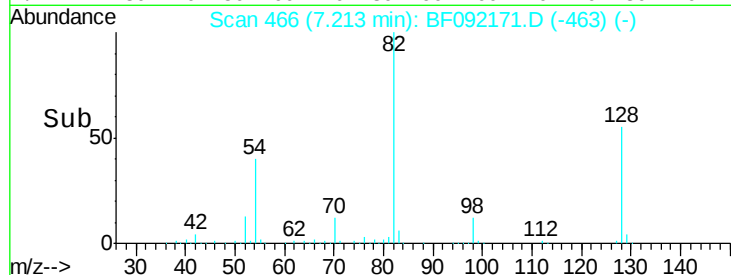
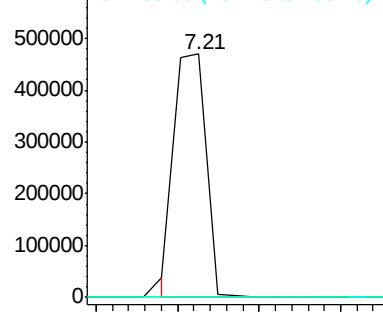
82 100

95 0.1 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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

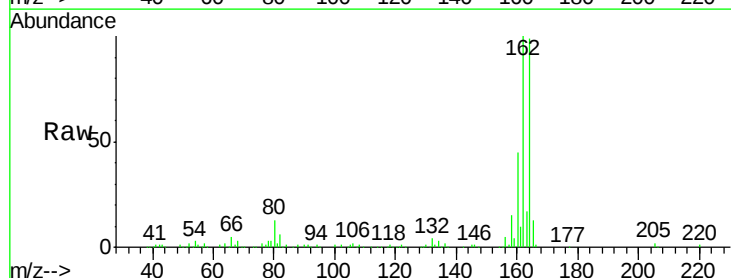
Tgt Ion: 164 Resp: 207638

Ion Ratio Lower Upper

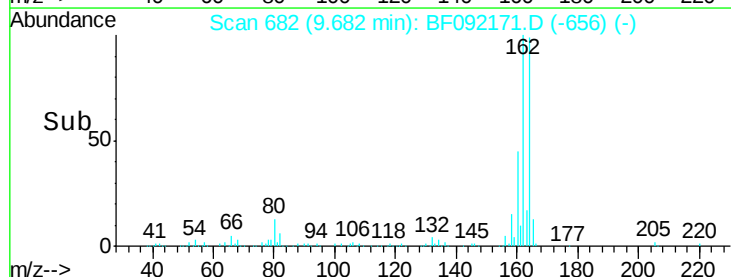
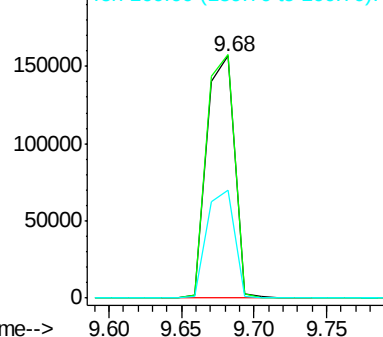
164 100

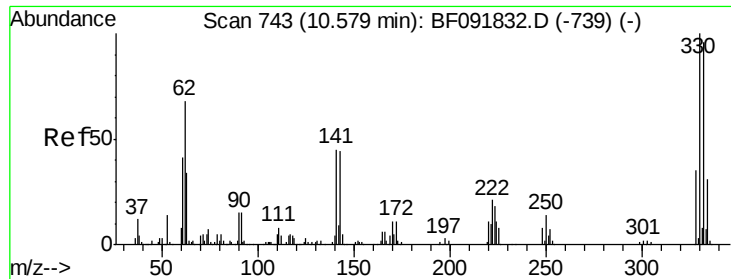
162 100.6 80.2 120.2

160 44.8 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

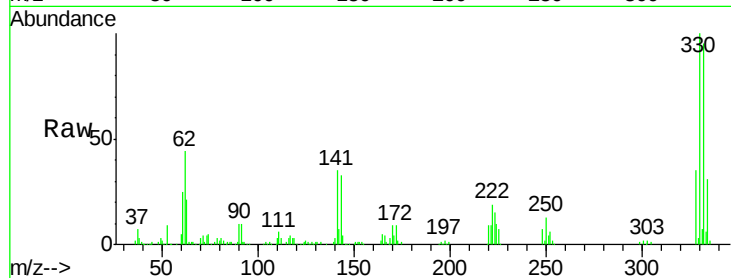




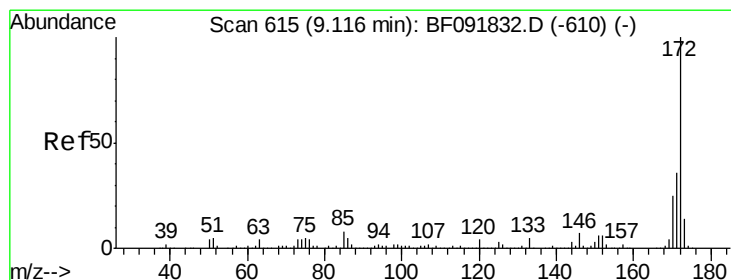
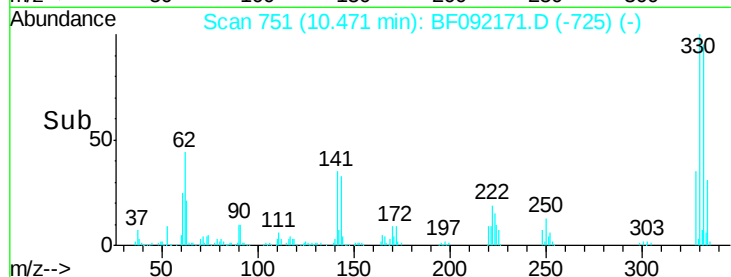
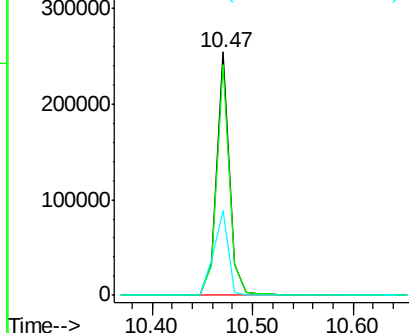
#41
 2,4,6-Tribromophenol
 Concen: 132.12 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092171.D
 Acq: 10 Jan 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
 W-08

Tgt Ion:330 Resp: 227038
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 39.7 34.1 51.1

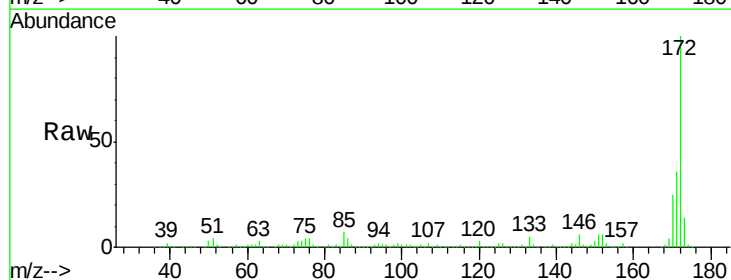


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

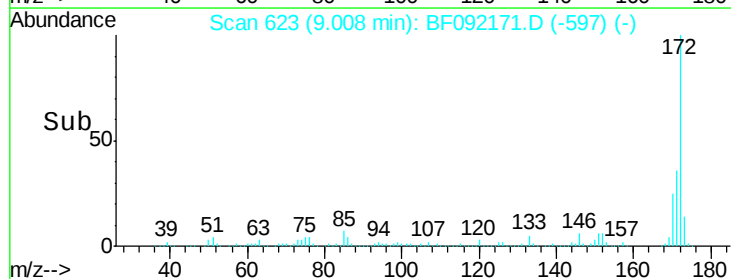
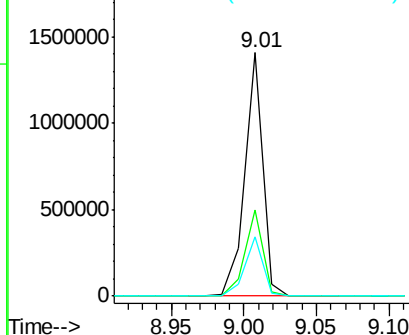


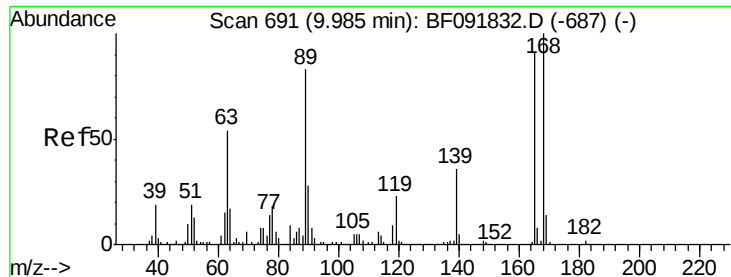
#44
 2-Fluorobiphenyl
 Concen: 126.55 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092171.D
 Acq: 10 Jan 2017 6:24

Tgt Ion:172 Resp: 1218540
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

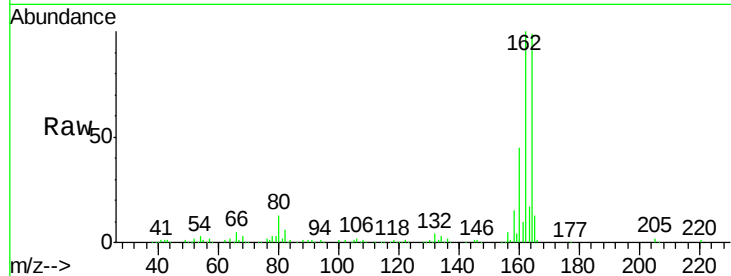




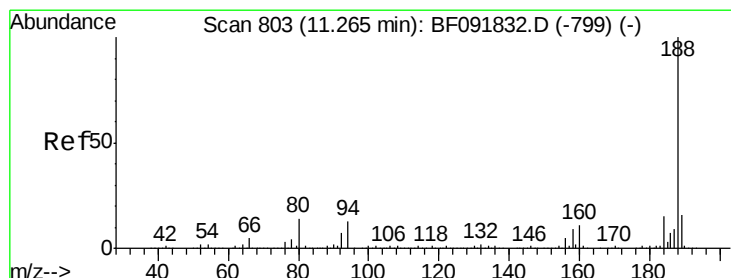
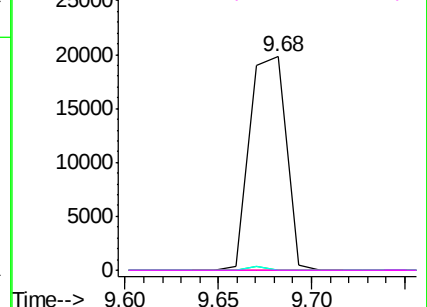
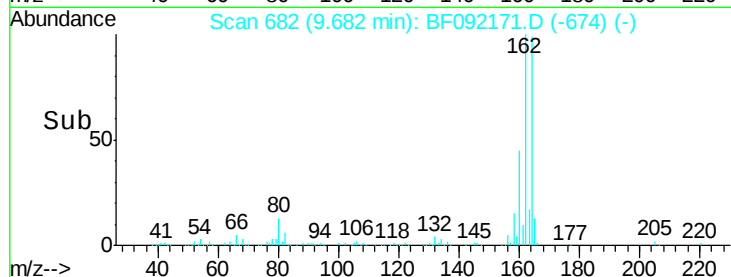
#56
 2,4-Dinitrotoluene
 Concen: 7.44 ng
 RT: 9.68 min Scan# 682
 Delta R.T. -0.21 min
 Lab File: BF092171.D
 Acq: 10 Jan 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:165 Resp: 27145
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.2 60.4#
 89 0.0 62.5 93.7#
 182 0.0 1.8 2.8#

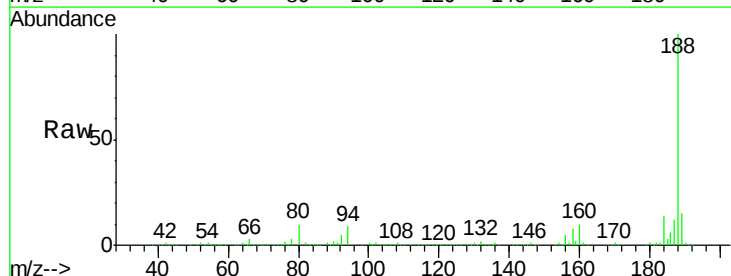


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

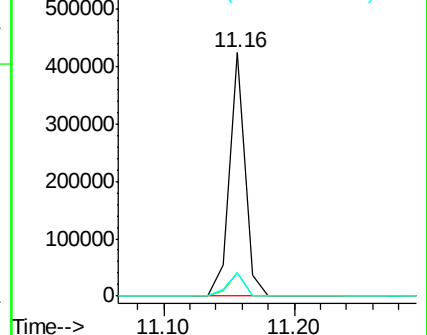
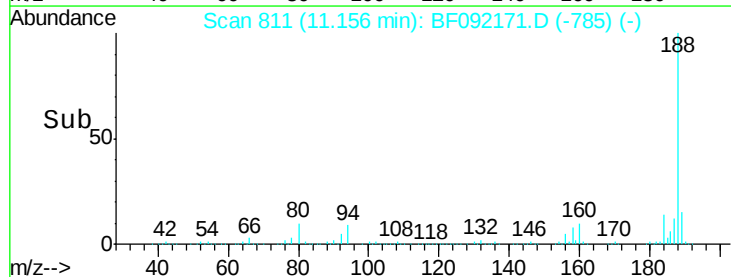


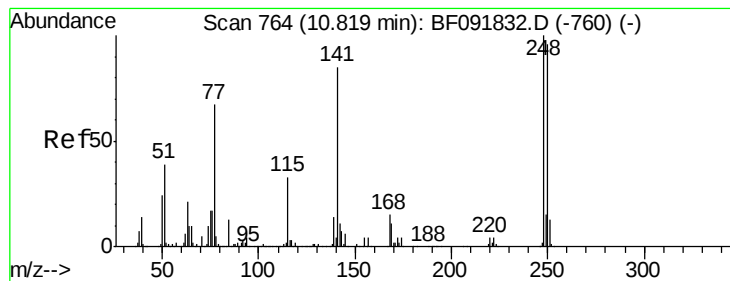
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF092171.D
 Acq: 10 Jan 2017 6:24

Tgt Ion:188 Resp: 357365
 Ion Ratio Lower Upper
 188 100
 94 9.4 10.0 15.0#
 80 9.8 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





#66

4-Bromophenyl-phenylether

Concen: 3.99 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.24 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Instrument :

BNA_F

ClientSampleId :

W-08

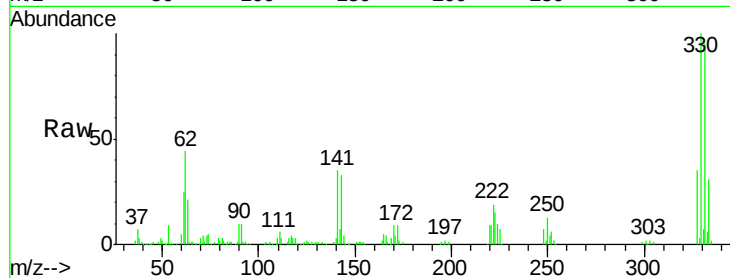
Tgt Ion:248 Resp: 14817

Ion Ratio Lower Upper

248 100

250 204.9 76.9 115.3#

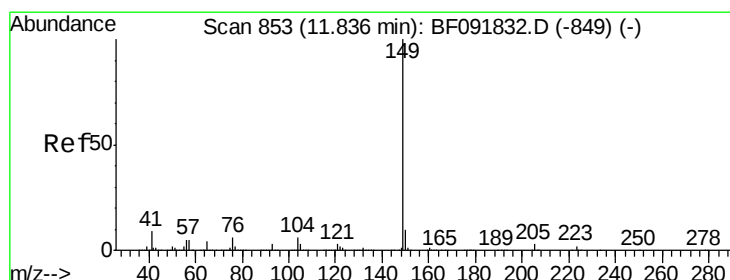
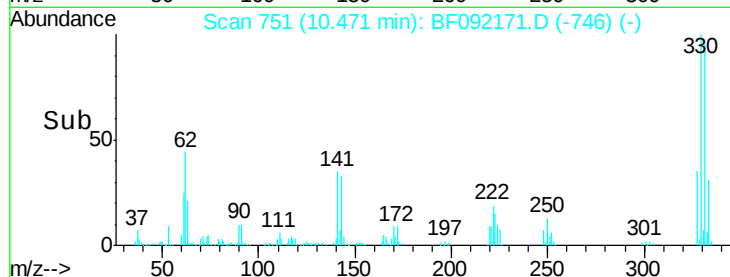
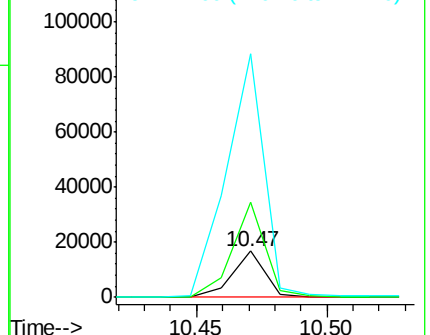
141 527.5 68.2 102.4#



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: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

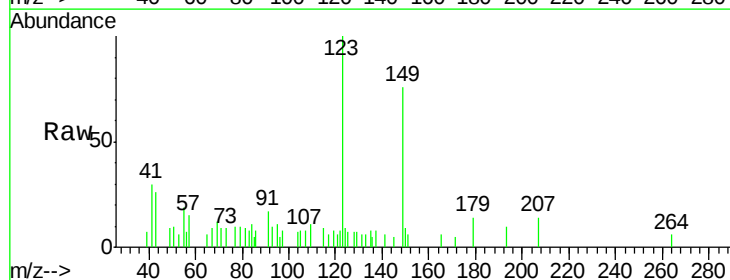
Tgt Ion:149 Resp: 4842

Ion Ratio Lower Upper

149 100

150 11.2 8.1 12.1

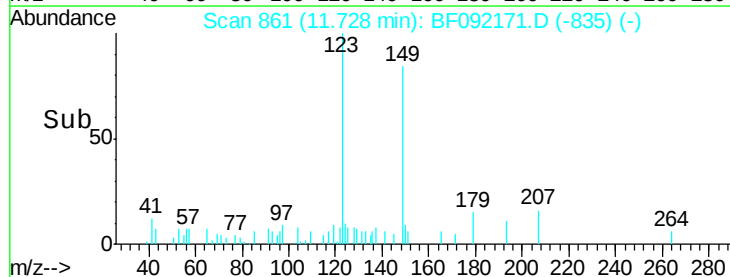
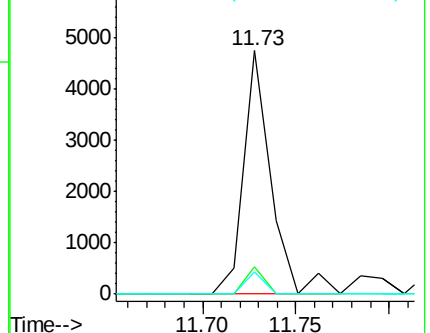
104 9.0 4.6 7.0#

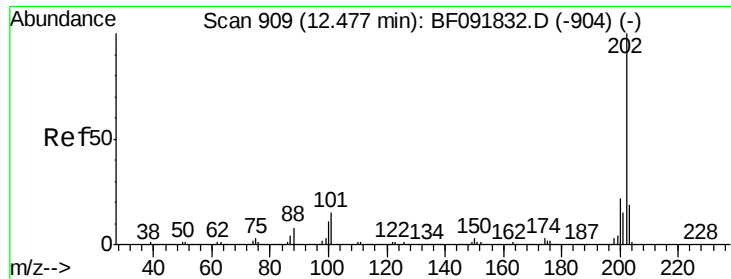


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

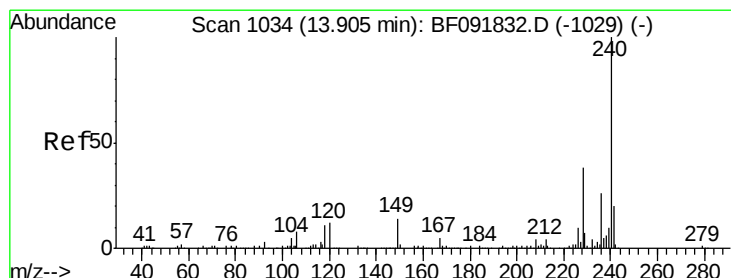
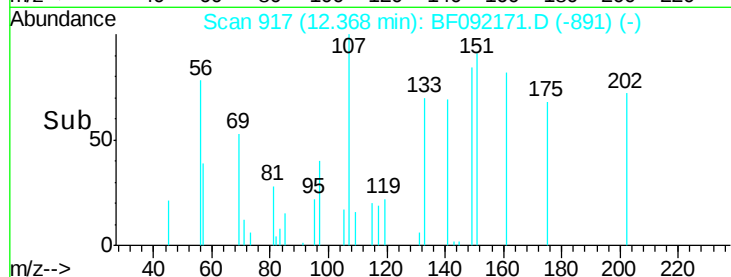
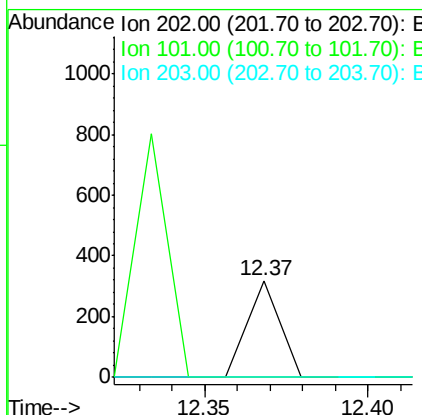
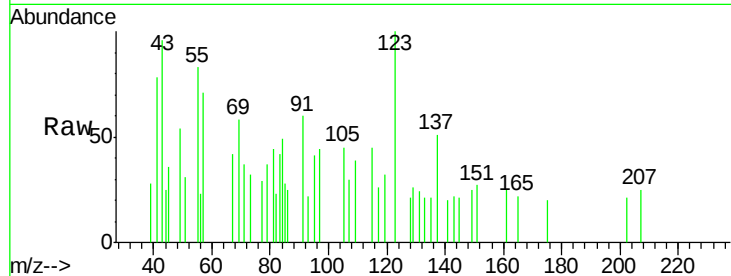




#74
Fluoranthene
Concen: Below Cal
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092171.D
Acq: 10 Jan 2017 6:24

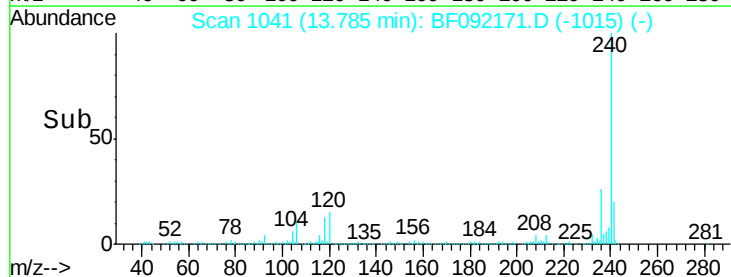
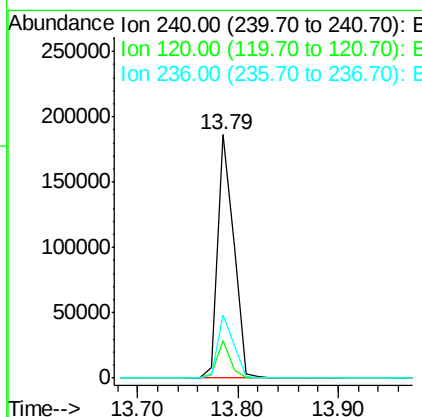
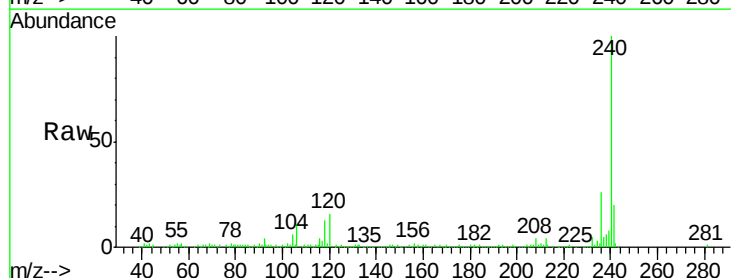
Instrument :
BNA_F
ClientSampled :
W-08

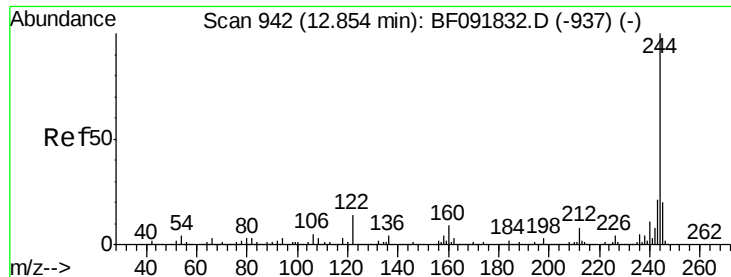
Tgt Ion: 202 Resp: 219
Ion Ratio Lower Upper
202 100
101 0.0 0.0 34.6
203 0.0 0.0 38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092171.D
Acq: 10 Jan 2017 6:24

Tgt Ion: 240 Resp: 206847
Ion Ratio Lower Upper
240 100
120 15.6 12.9 19.3
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 114.82 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

Instrument :

BNA_F

ClientSampled :

W-08

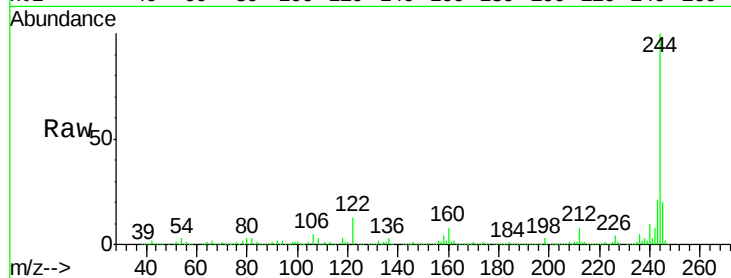
Tgt Ion:244 Resp: 979266

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

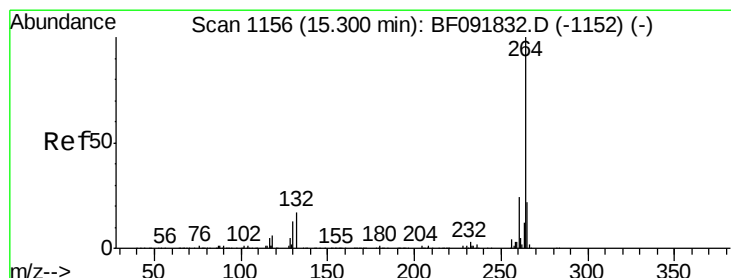
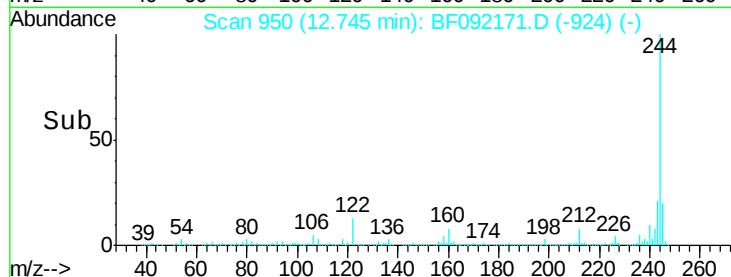
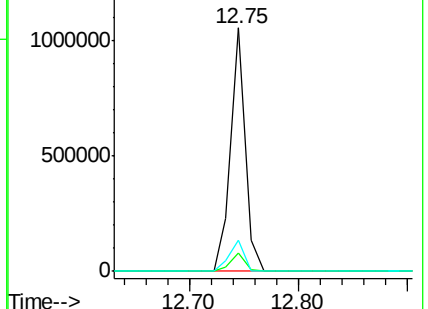
122 13.0 11.4 17.2



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: 15.17 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BF092171.D

Acq: 10 Jan 2017 6:24

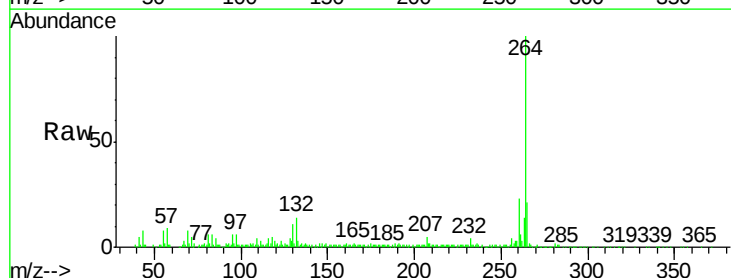
Tgt Ion:264 Resp: 163712

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.0 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

