

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092292.D
 Acq On : 16 Jan 2017 18:35
 Operator : UM/SJ
 Sample : I1196-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-52

Quant Time: Jan 17 00:44:49 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

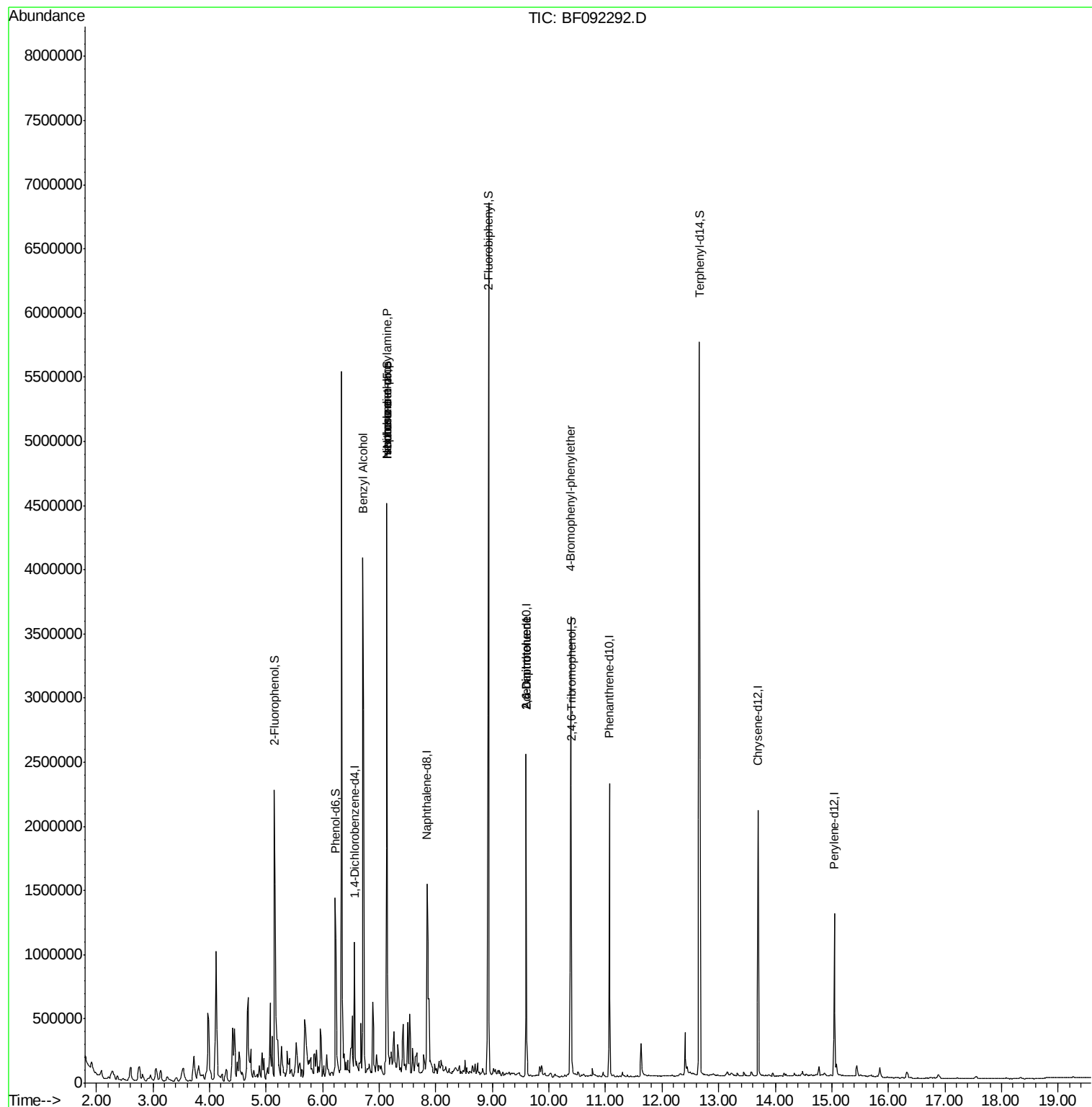
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	211676	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	865631	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	528116	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	853741	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	729204	20.00	ng	-0.09
86) Perylene-d12	15.05	264	525743	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	955290	75.35	ng	-0.09
7) Phenol-d6	6.22	99	738952	47.74	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1352979	86.91	ng	-0.08
41) 2,4,6-Tribromophenol	10.39	330	652148	149.21	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	2330604	91.39	ng	-0.08
78) Terphenyl-d14	12.66	244	2380232	79.16	ng	-0.09
Target Compounds						
15) Benzyl Alcohol	6.71	79	29497	2.45	ng	# 55
18) Hexachloroethane	7.14	117	359549	61.89	ng	# 1
19) n-Nitroso-di-n-propylamine	7.14	70	183374	17.81	ng	# 77
25) Isophorone	7.14	82	1333245	46.42	ng	# 65
37) 2-Methylnaphthalene	8.58	142	806	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.59	165	69102	9.35	ng	# 31
56) 2,4-Dinitrotoluene	9.59	165	69105	7.45	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	40049	4.51	ng	# 1
71) Anthracene	11.15	178	956	Below Cal	#	24
73) Di-n-butylphthalate	11.65	149	15142	Below Cal	#	97
74) Fluoranthene	12.28	202	679	Below Cal	#	41
76) Benzydine	12.66	184	29788	Below Cal	#	96

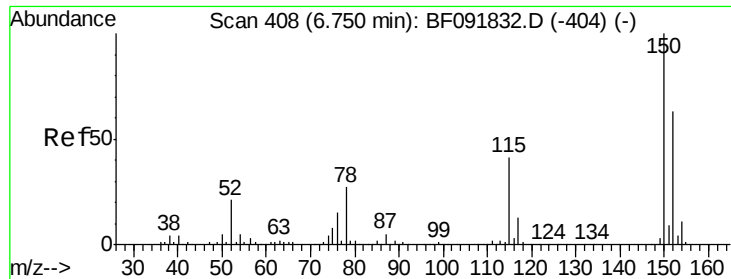
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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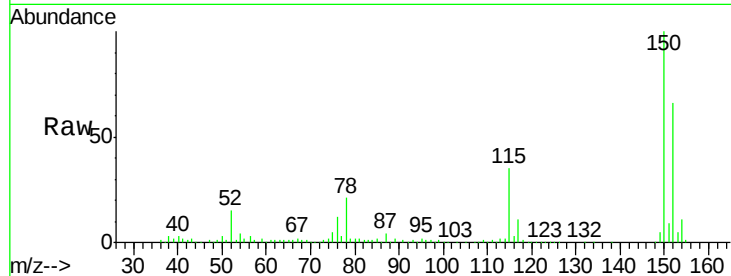




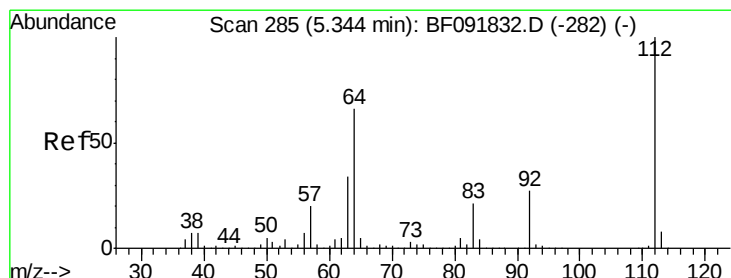
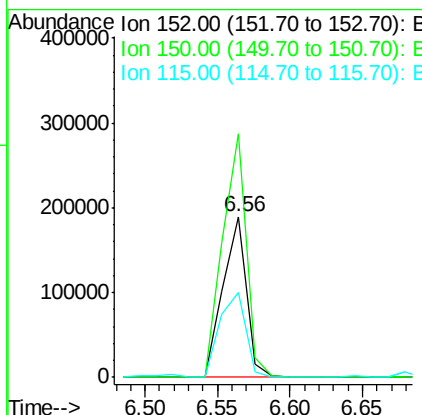
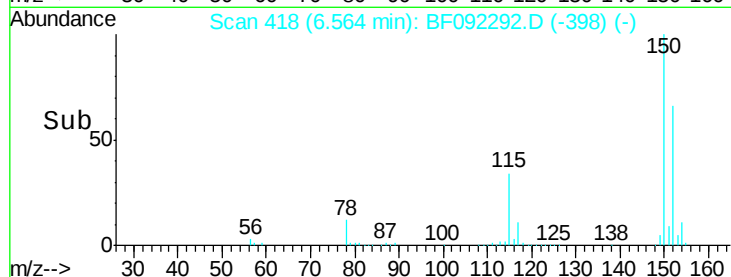
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 418
 Delta R.T. -0.08 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 211676
 Ion Ratio Lower Upper
 152 100
 150 151.2 124.9 187.3
 115 52.4 46.0 69.0

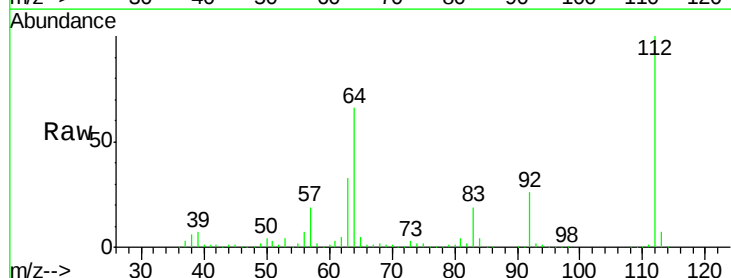


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

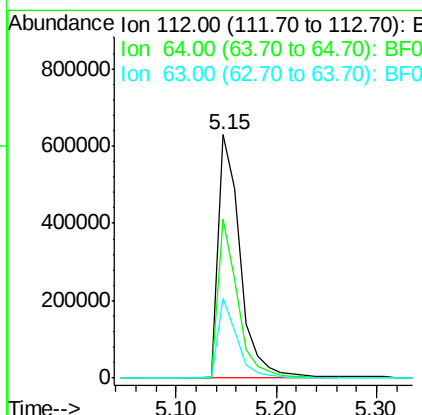
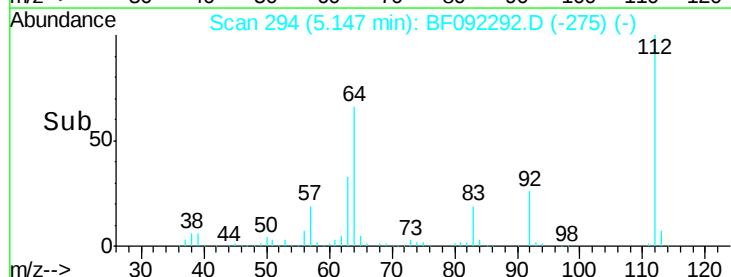


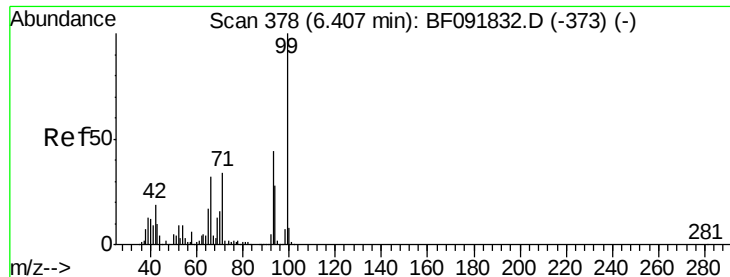
#5
 2-Fluorophenol
 Concen: 75.35 ng
 RT: 5.15 min Scan# 294
 Delta R.T. -0.09 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

Tgt Ion:112 Resp: 955290
 Ion Ratio Lower Upper
 112 100
 64 65.6 46.1 69.1
 63 32.9 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: 47.74 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

W-52

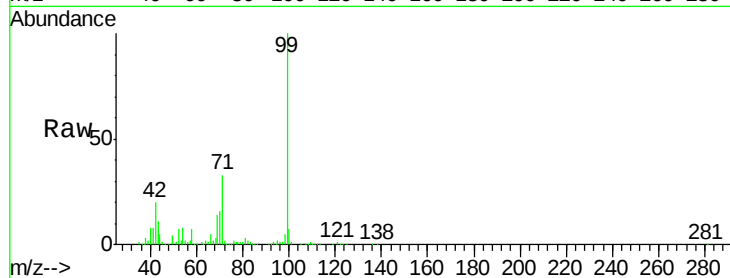
Tgt Ion: 99 Resp: 738952

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

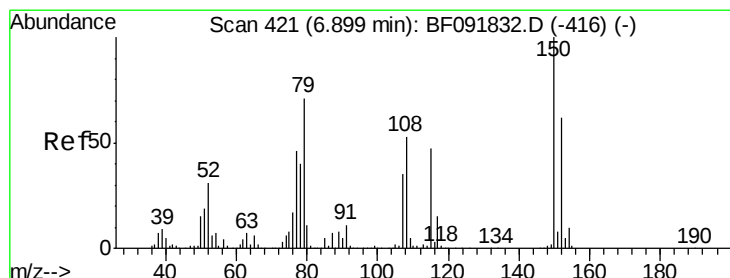
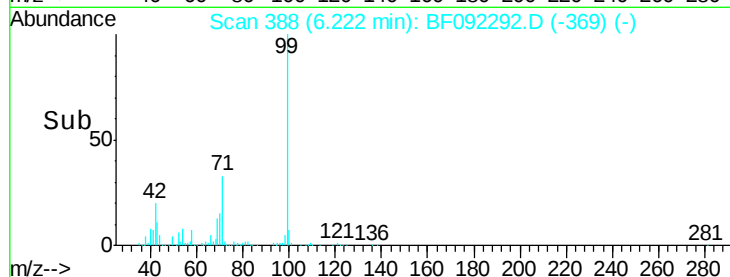
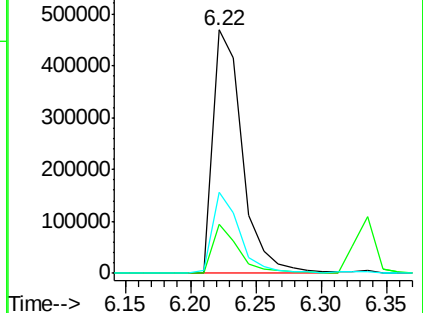
71 33.2 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.45 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

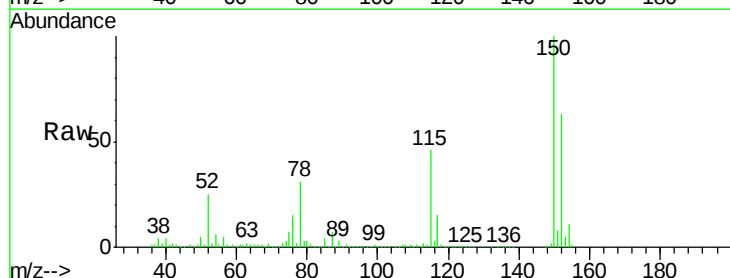
Tgt Ion: 79 Resp: 29497

Ion Ratio Lower Upper

79 100

108 34.6 61.4 92.0#

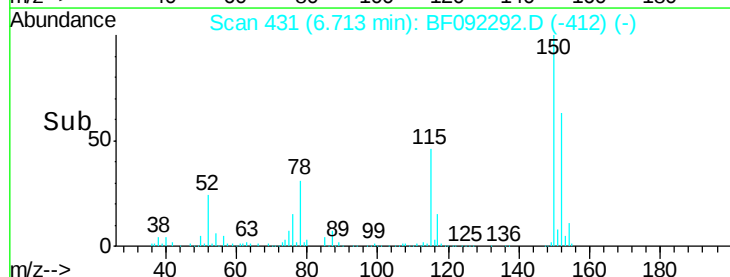
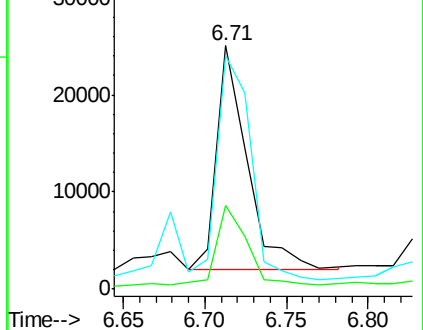
77 95.8 50.9 76.3#

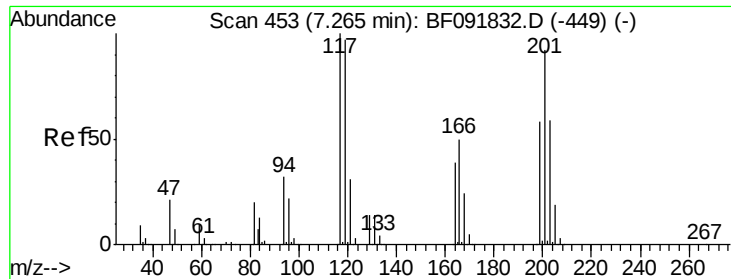


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 61.89 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

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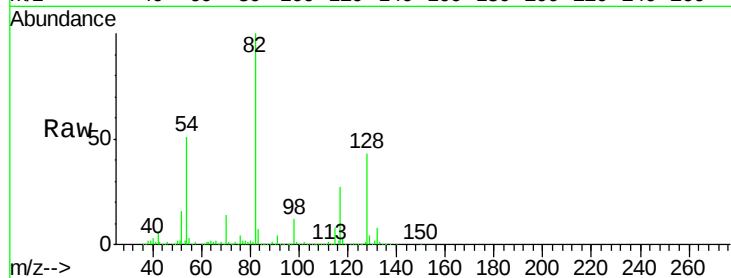
Tgt Ion: 117 Resp: 359549

Ion Ratio Lower Upper

117 100

119 0.6 78.1 117.1#

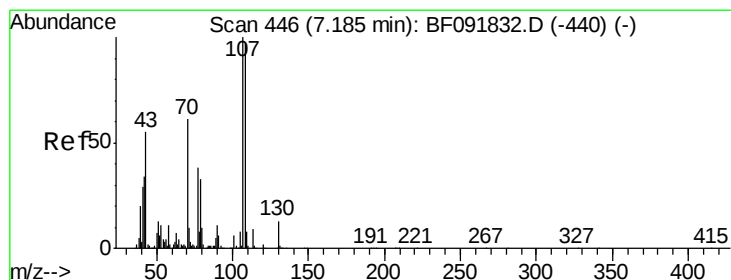
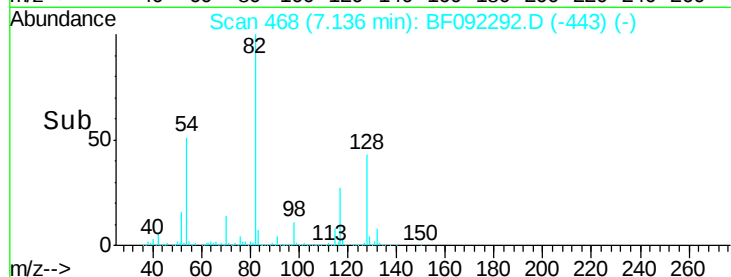
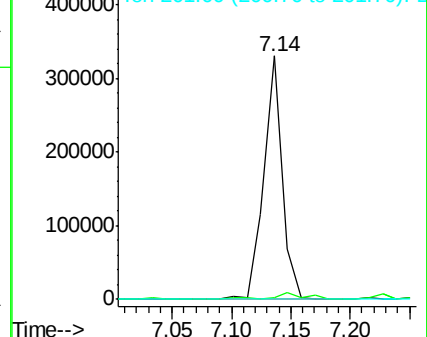
201 0.0 78.6 117.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.81 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Tgt Ion: 70 Resp: 183374

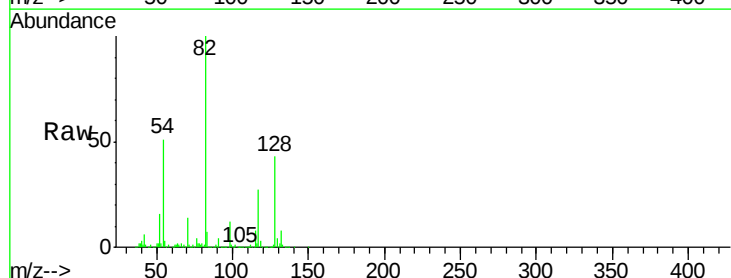
Ion Ratio Lower Upper

70 100

42 46.4 49.4 74.0#

101 0.9 7.4 11.2#

130 3.6 14.2 21.4#

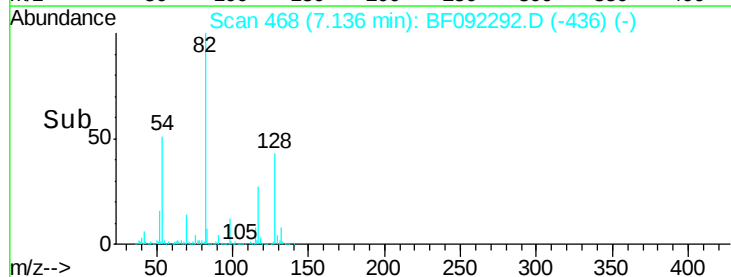
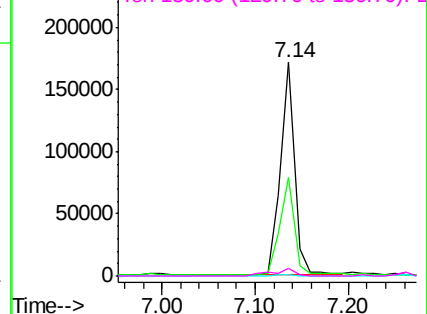


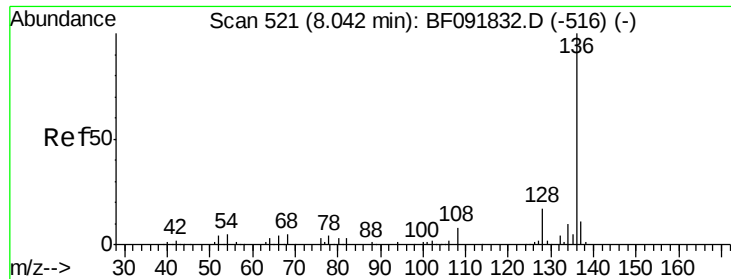
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

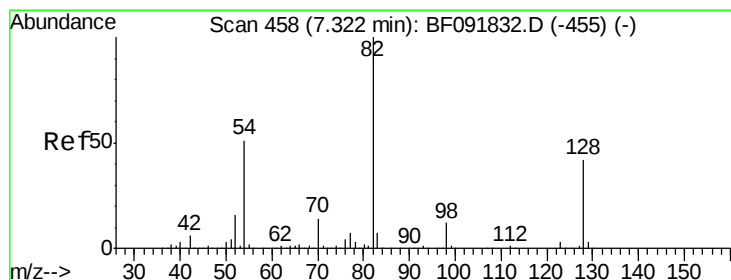
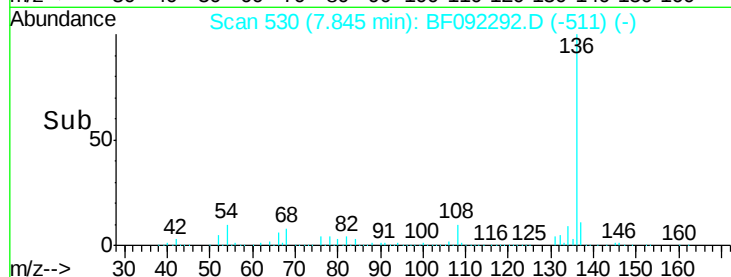
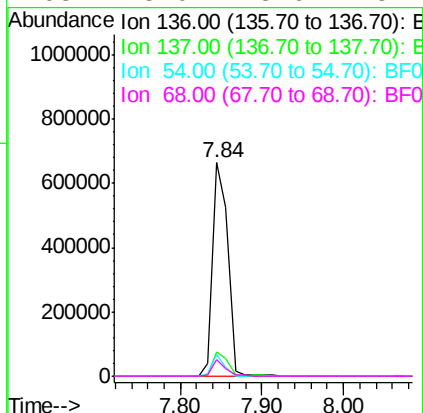
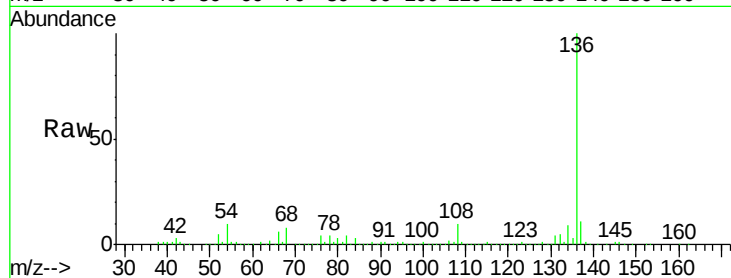




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092292.D
Acq: 16 Jan 2017 18:35

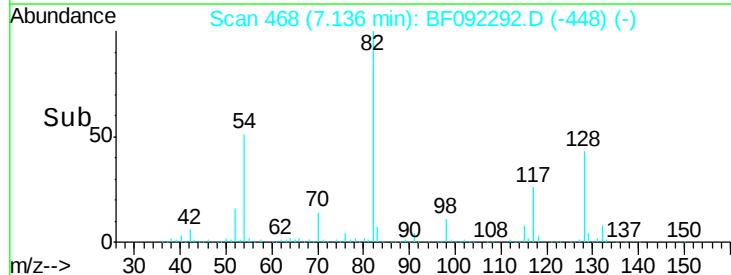
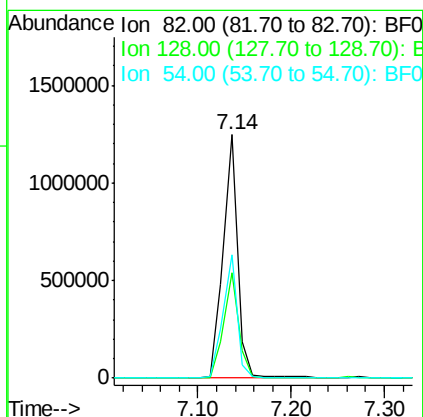
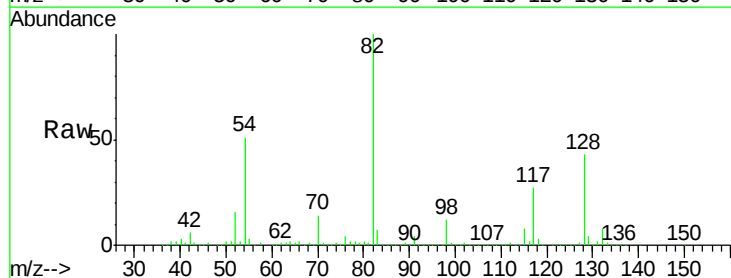
Instrument :
BNA_F
ClientSampleId :
W-52

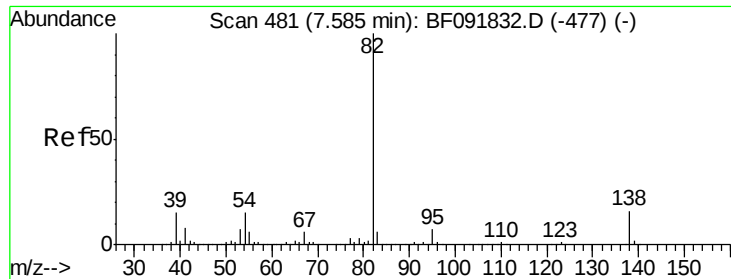
Tgt Ion:	136	Resp:	865631
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.0	4.5	6.7#
68	8.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 86.91 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092292.D
Acq: 16 Jan 2017 18:35

Tgt Ion:	82	Resp:	1352979
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	50.8	39.5	59.3





#25

Isophorone

Concen: 46.42 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.34 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

W-52

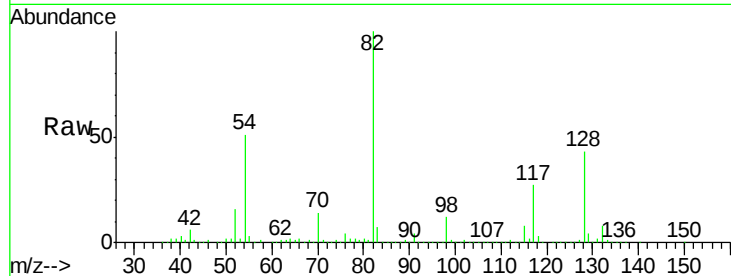
Tgt Ion: 82 Resp: 1333245

Ion Ratio Lower Upper

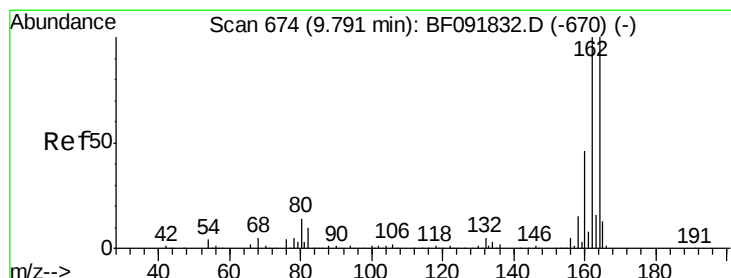
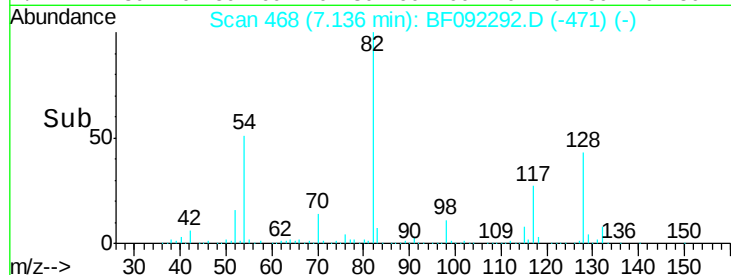
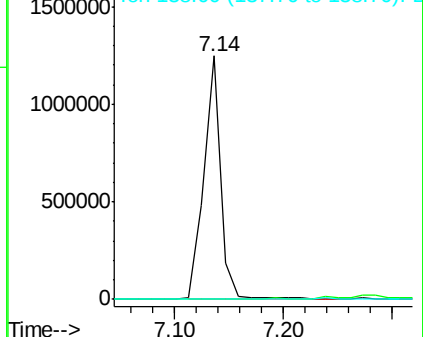
82 100

95 0.3 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: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

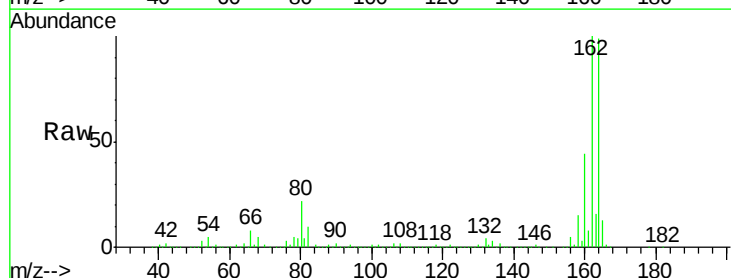
Tgt Ion:164 Resp: 528116

Ion Ratio Lower Upper

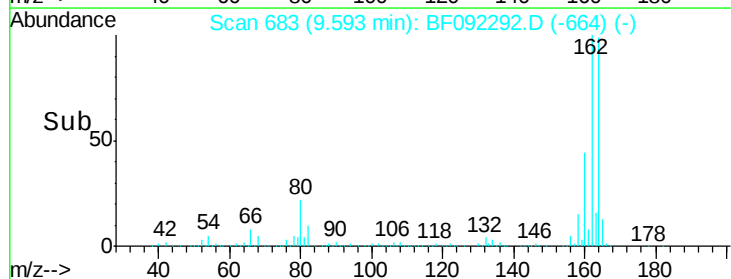
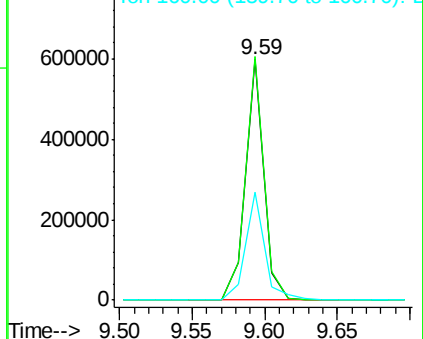
164 100

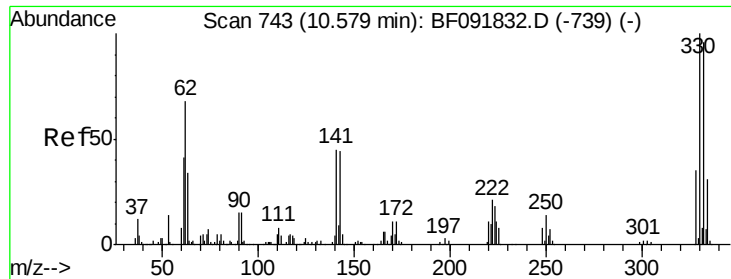
162 101.2 80.2 120.2

160 44.9 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

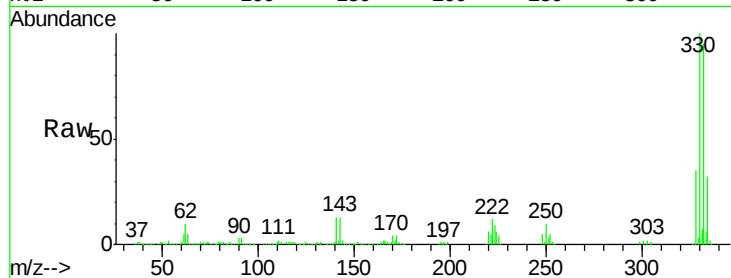




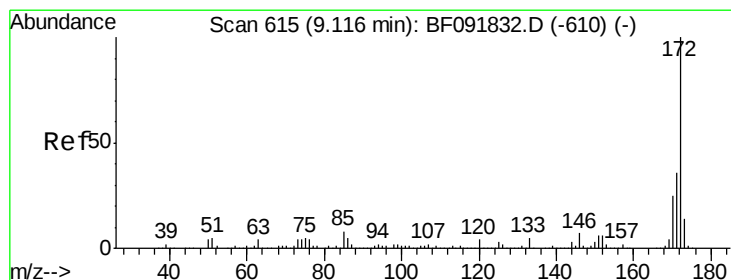
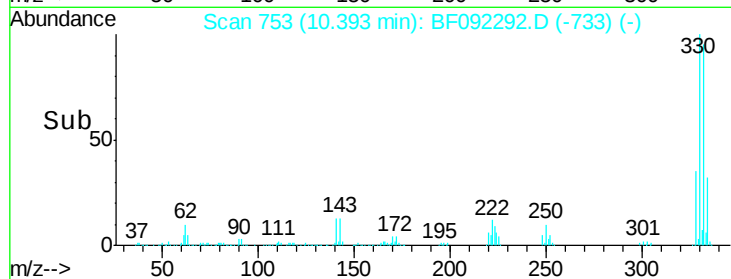
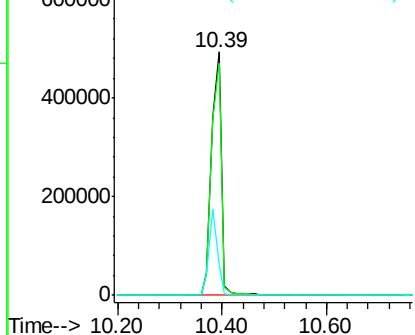
#41
 2,4,6-Tribromophenol
 Concen: 149.21 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 652148
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 31.0 34.1 51.1#

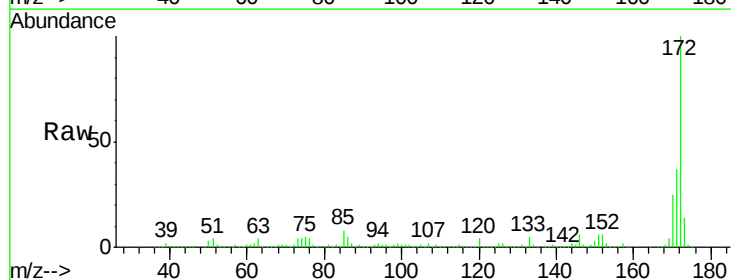


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

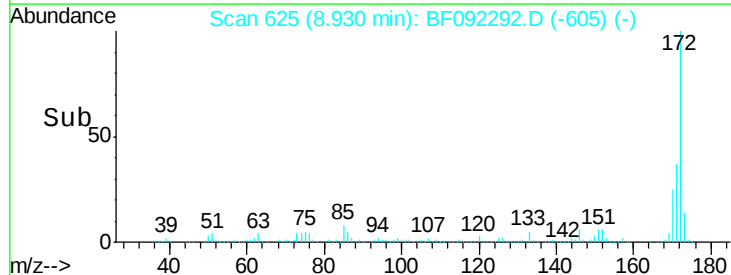
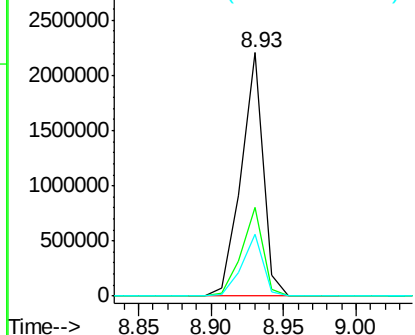


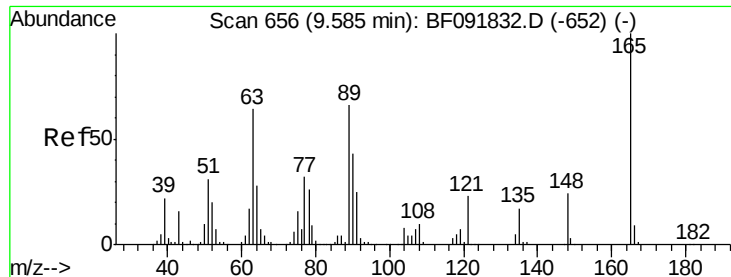
#44
 2-Fluorobiphenyl
 Concen: 91.39 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

Tgt Ion:172 Resp: 2330604
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.2 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





#50

2,6-Dinitrotoluene

Concen: 9.35 ng

RT: 9.59 min Scan# 683

Delta R.T. 0.12 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Instrument :

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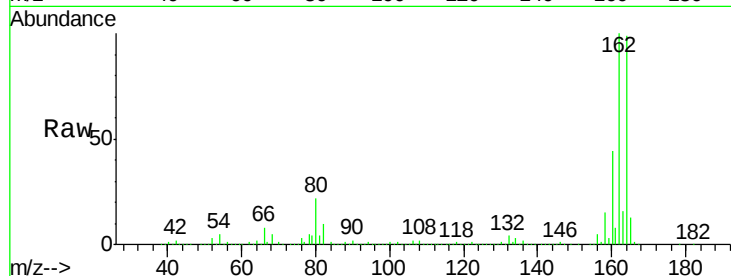
Tgt Ion:165 Resp: 69102

Ion Ratio Lower Upper

165 100

63 1.1 36.2 54.4#

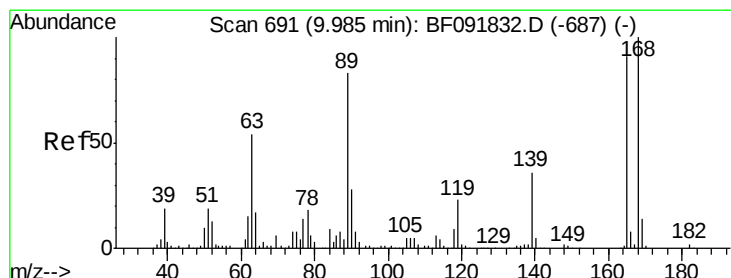
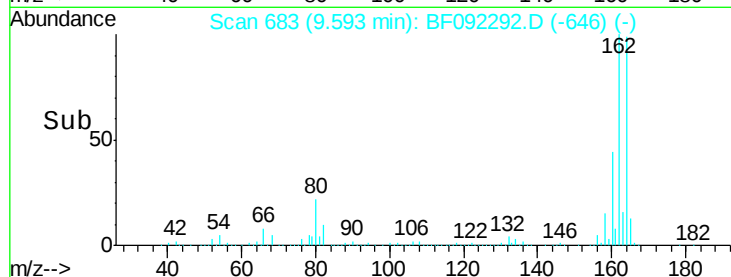
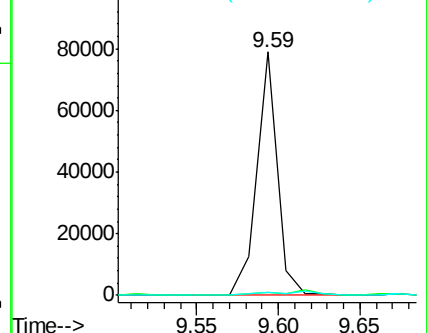
89 1.3 40.2 60.4#



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



#56

2,4-Dinitrotoluene

Concen: 7.45 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.29 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Tgt Ion:165 Resp: 69105

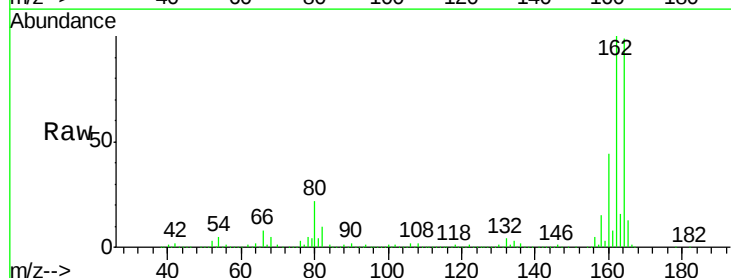
Ion Ratio Lower Upper

165 100

63 1.1 40.2 60.4#

89 1.3 62.5 93.7#

182 0.5 1.8 2.8#

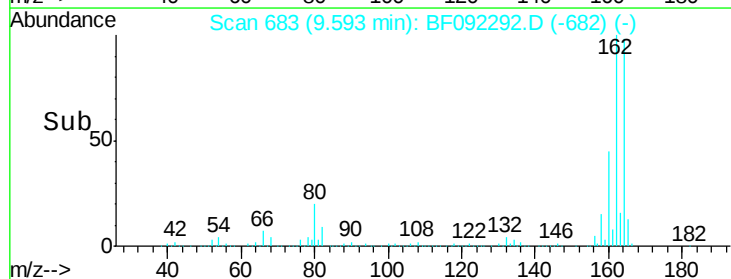
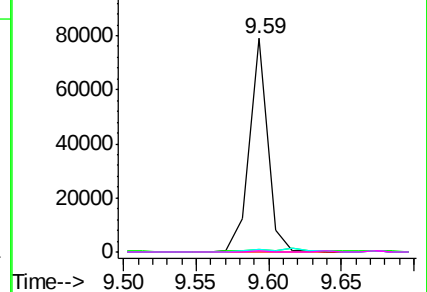


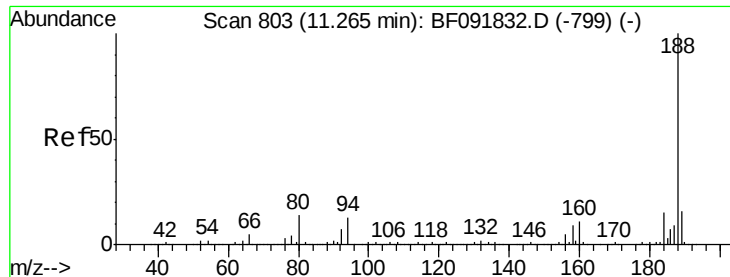
Abundance Ion 165.00 (164.70 to 165.70): E

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

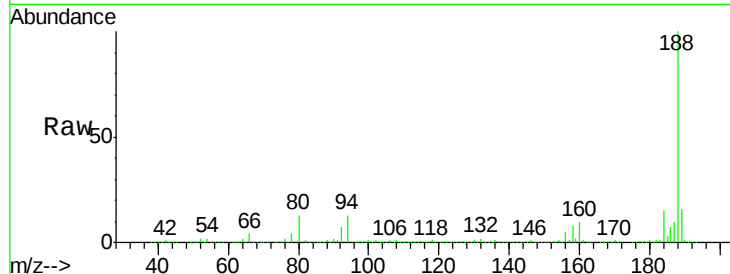




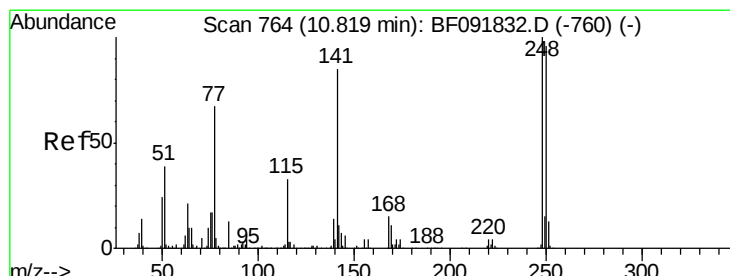
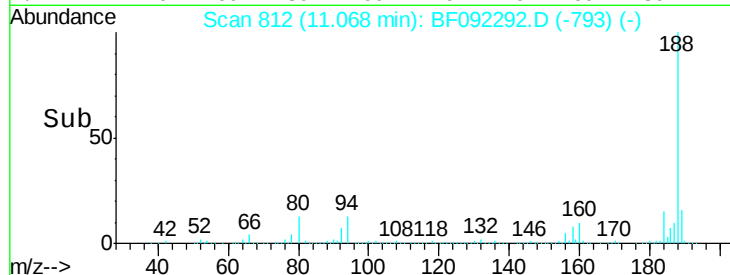
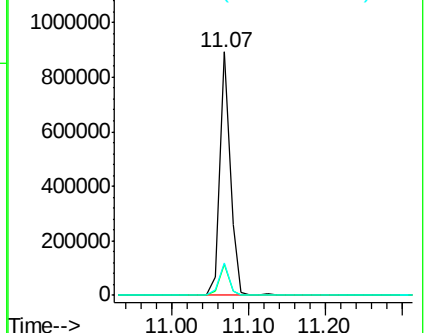
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.09 min
Lab File: BF092292.D
Acq: 16 Jan 2017 18:35

Instrument :
BNA_F
ClientSampled :
W-52

Tgt Ion:188 Resp: 853741
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 13.4 11.2 16.8

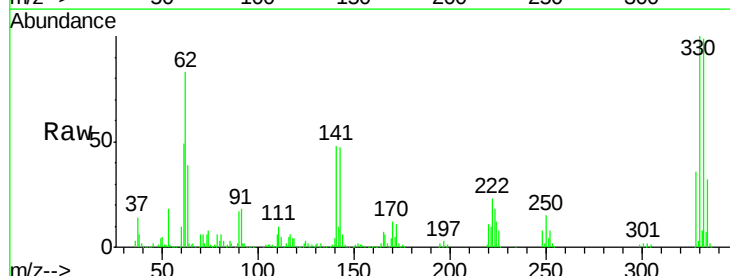


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

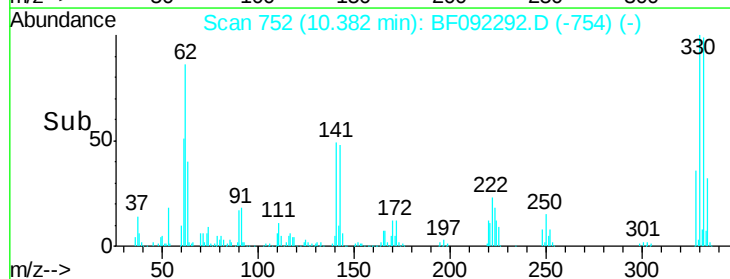
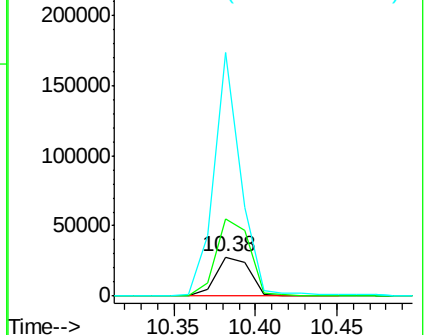


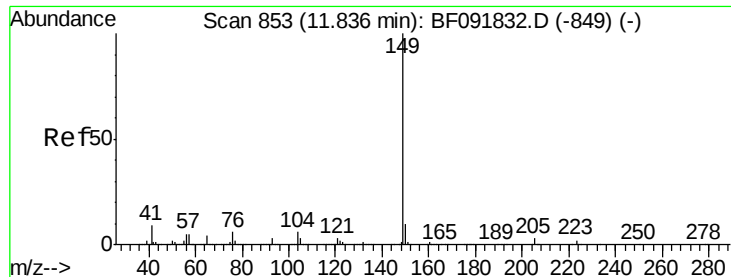
#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.33 min
Lab File: BF092292.D
Acq: 16 Jan 2017 18:35

Tgt Ion:248 Resp: 40049
Ion Ratio Lower Upper
248 100
250 197.0 76.9 115.3#
141 618.5 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: 11.65 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

W-52

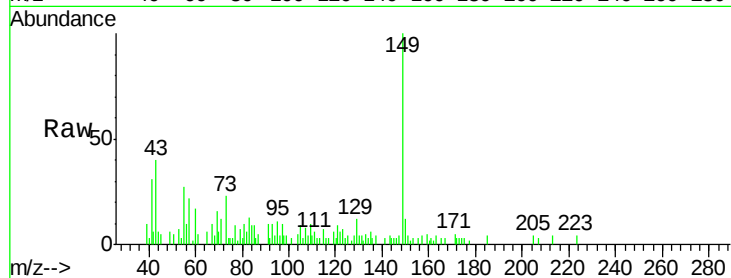
Tgt Ion:149 Resp: 15142

Ion Ratio Lower Upper

149 100

150 11.6 8.1 12.1

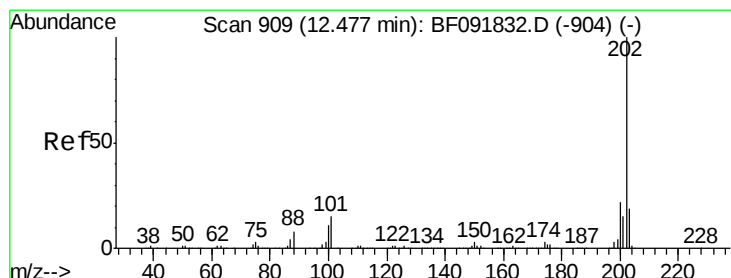
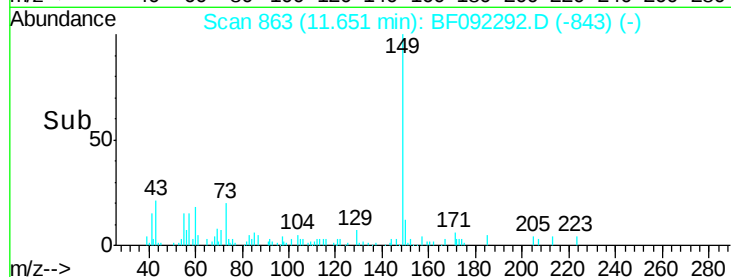
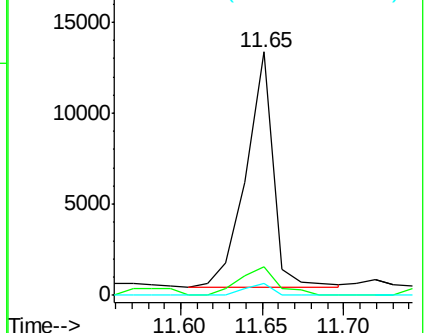
104 5.1 4.6 7.0



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: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

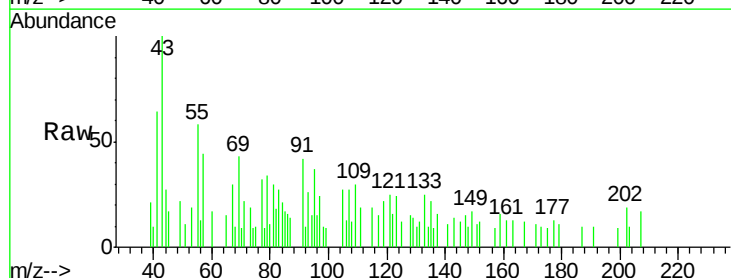
Tgt Ion:202 Resp: 679

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

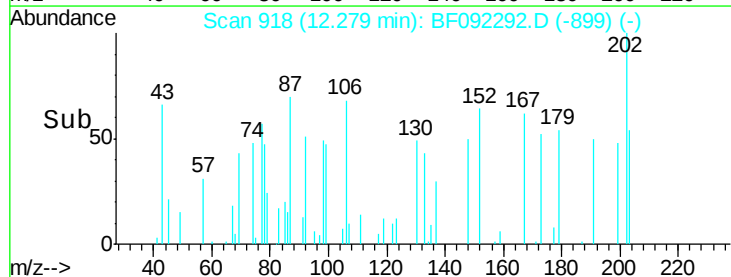
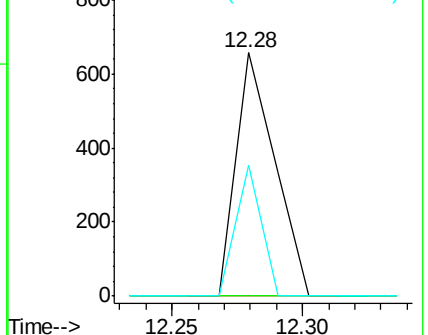
203 53.8 0.0 38.7#

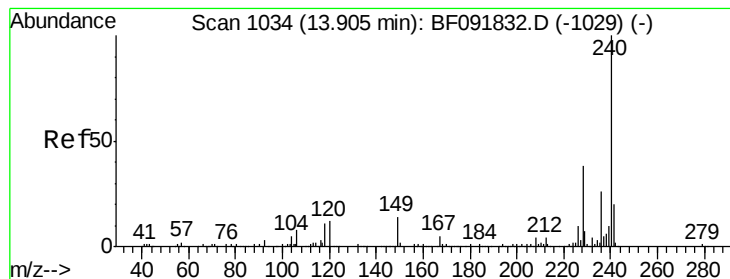


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

W-52

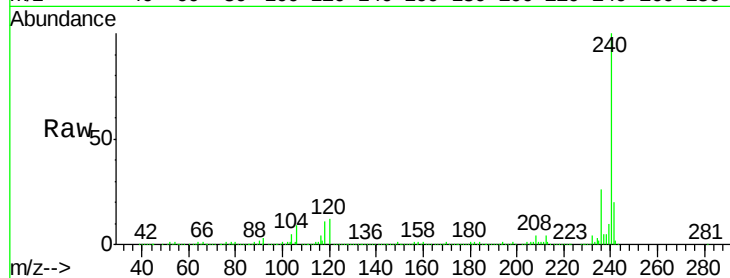
Tgt Ion:240 Resp: 729204

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

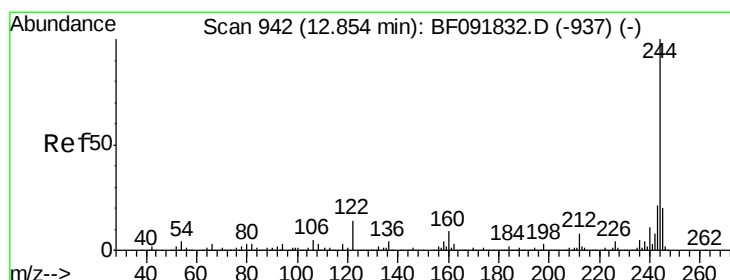
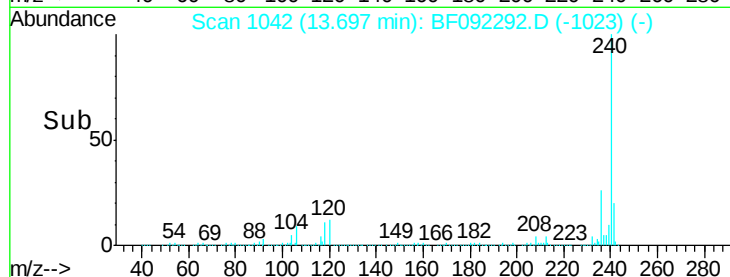
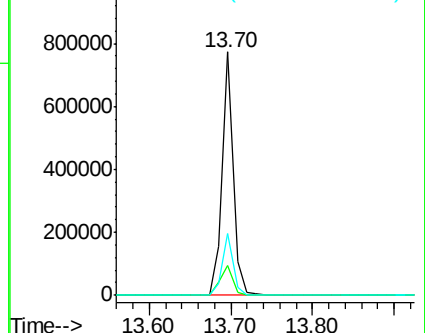
236 25.5 20.9 31.3



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: 79.16 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

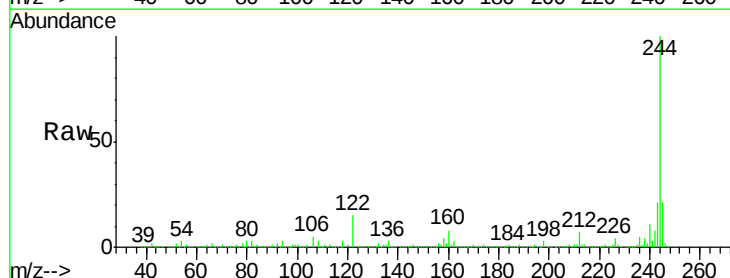
Tgt Ion:244 Resp: 2380232

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

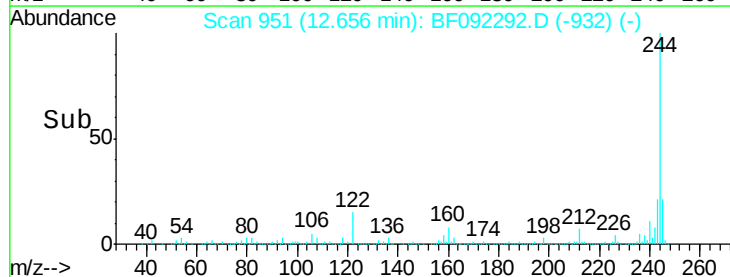
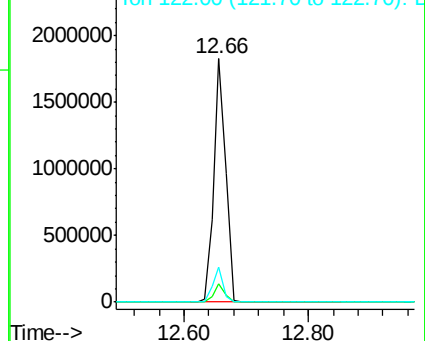
122 14.6 11.4 17.2

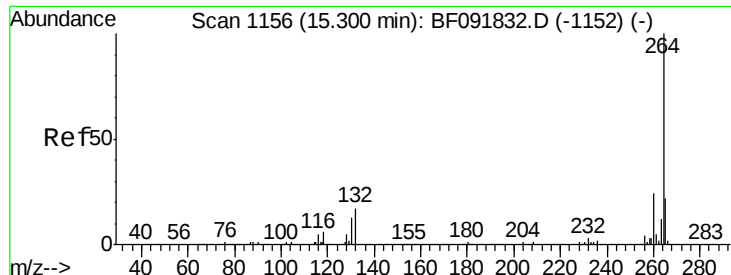


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

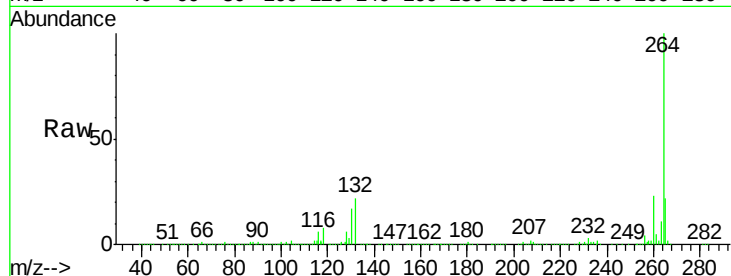




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092292.D
Acq: 16 Jan 2017 18:35

Instrument :
BNA_F
ClientSampleId :
W-52

Tgt Ion: 264 Resp: 525743
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.8 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

