

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 01:21:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 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	0.00
21) Naphthalene-d8	7.84	136	865631	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	528116	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	853741	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	729204	20.00	ng	-0.01
86) Perylene-d12	15.05	264	525743	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	955290	75.35	ng	0.00
7) Phenol-d6	6.22	99	738952	47.74	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1352979	86.91	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	652394	149.27	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2330604	91.39	ng	0.00
78) Terphenyl-d14	12.66	244	2380232	79.16	ng	0.00

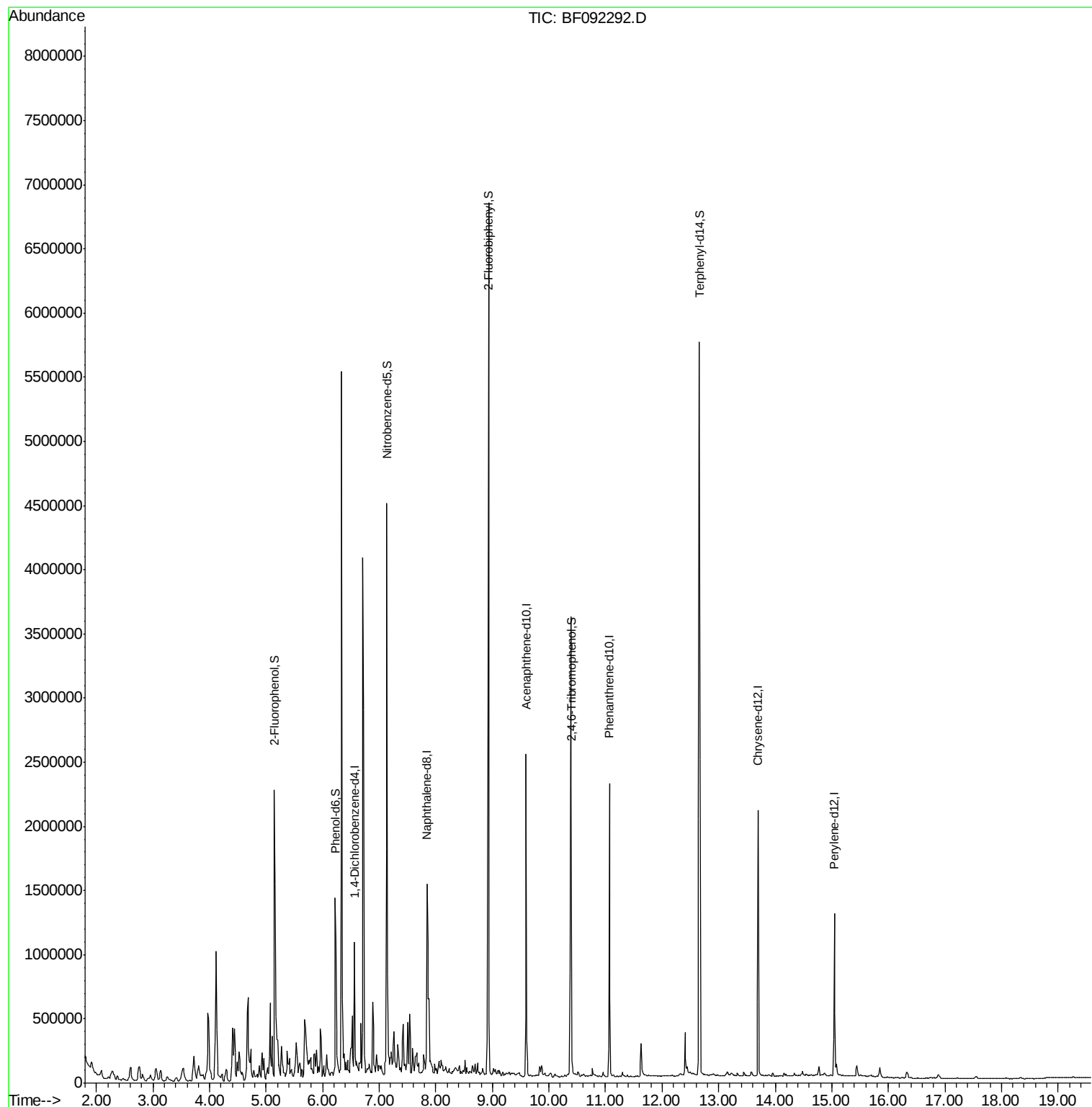
Target Compounds Qvalue

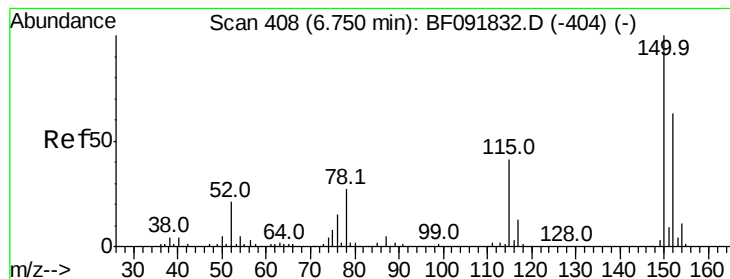
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

W-52

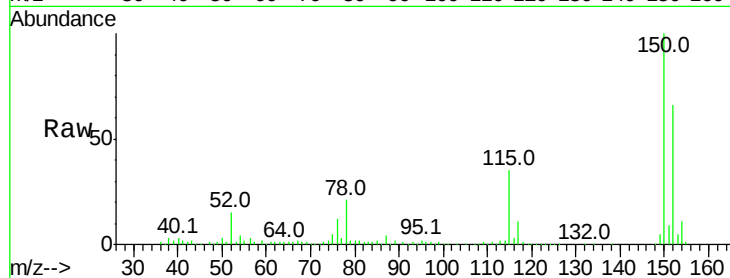
Tot Ion:152 Resp: 211676

Ion Ratio Lower Upper

152 100

150 151.2 124.9 187.3

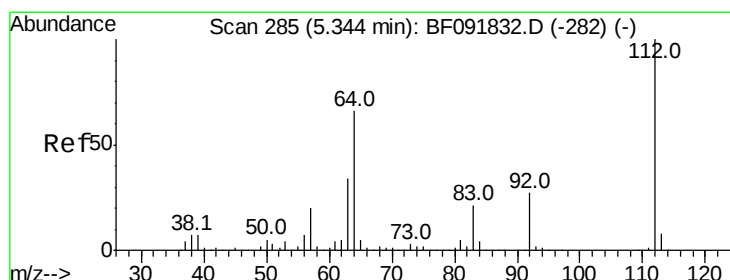
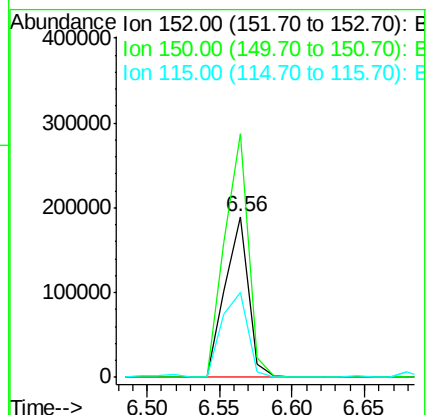
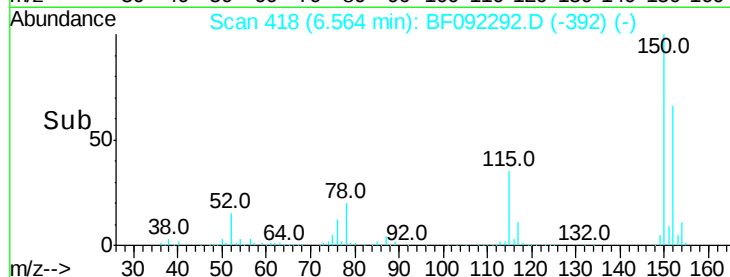
115 52.4 46.0 69.0



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. -0.00 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

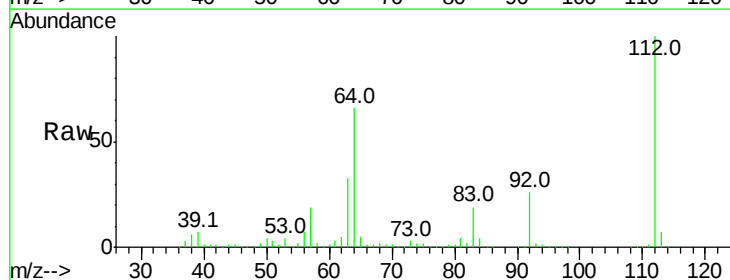
Tgt Ion:112 Resp: 955290

Ion Ratio Lower Upper

112 100

64 65.6 46.1 69.1

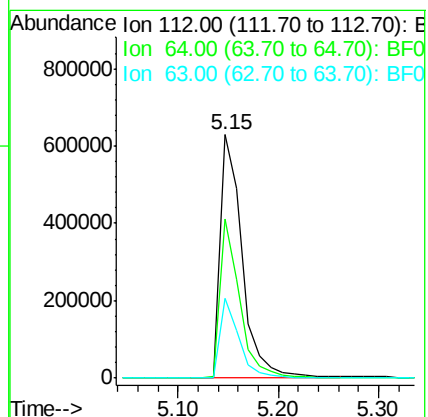
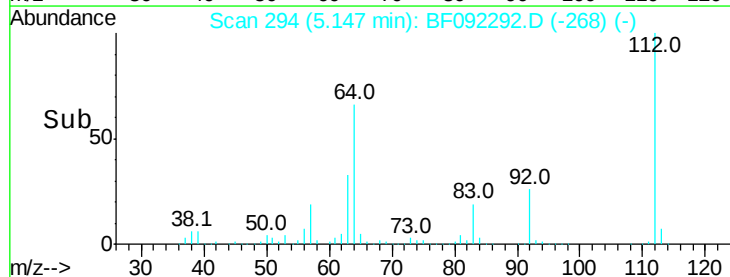
63 32.9 23.8 35.6

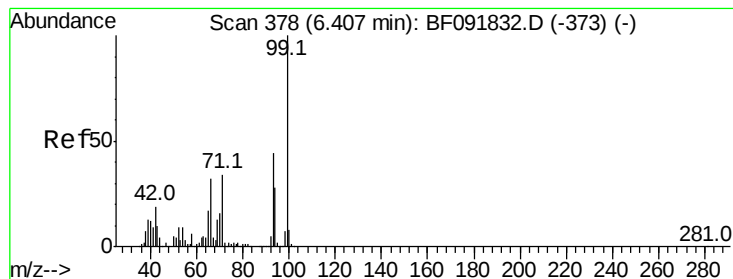


Abundance Ion 112.00 (111.70 to 112.70): E

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. -0.01 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

W-52

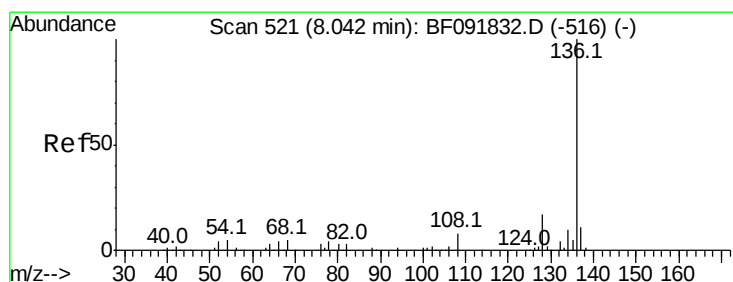
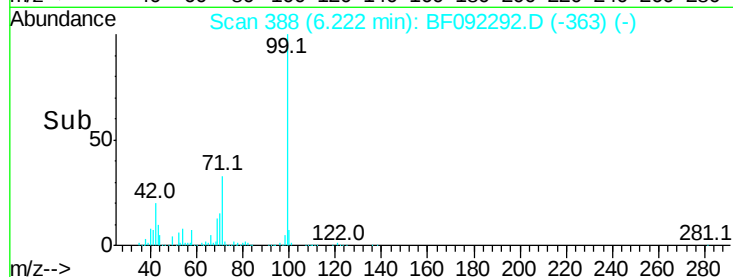
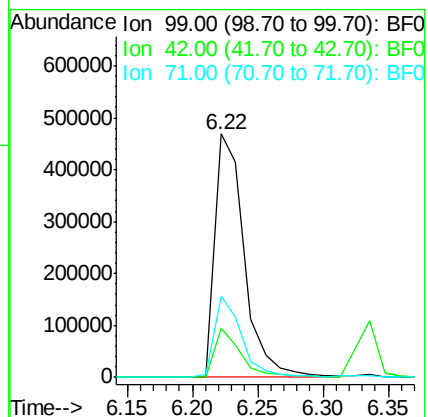
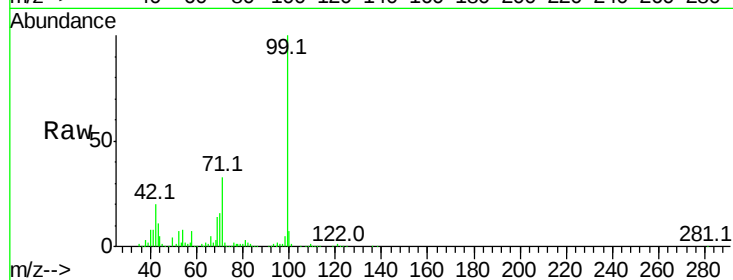
Tot Ion: 99 Resp: 738952

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

71 33.2 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092292.D

Acq: 16 Jan 2017 18:35

Tgt Ion: 136 Resp: 865631

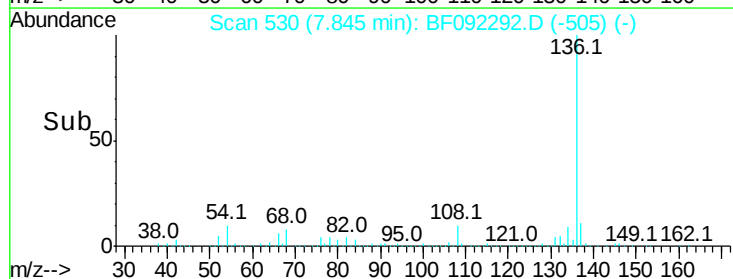
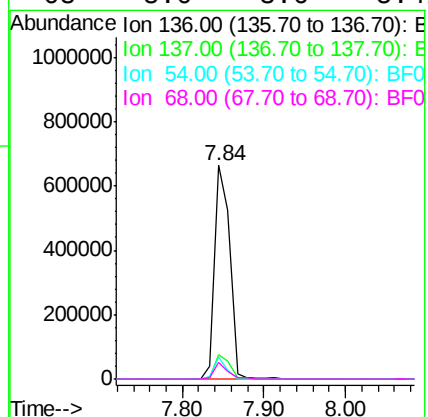
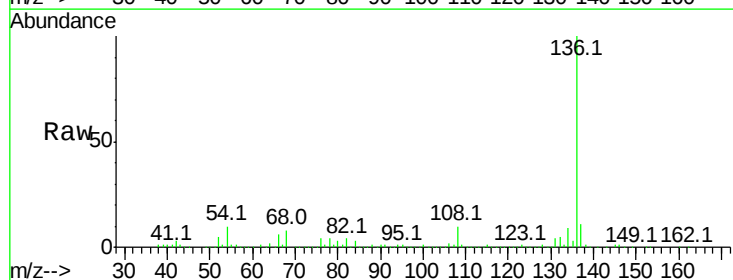
Ion Ratio Lower Upper

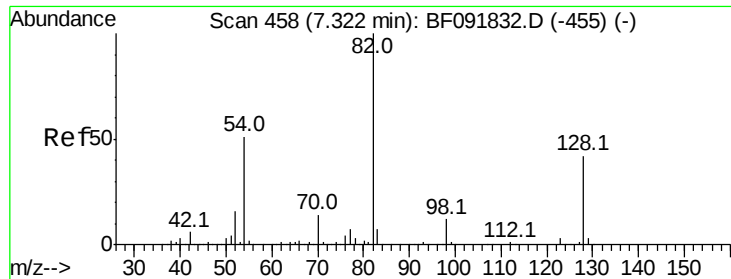
136 100

137 11.2 8.4 12.6

54 10.0 4.5 6.7#

68 8.0 3.6 5.4#



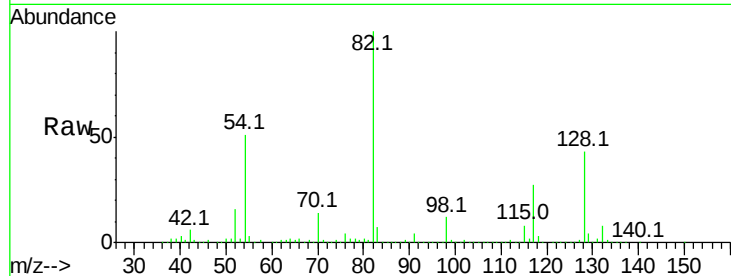


#23
 Nitrobenzene-d5
 Concen: 86.91 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

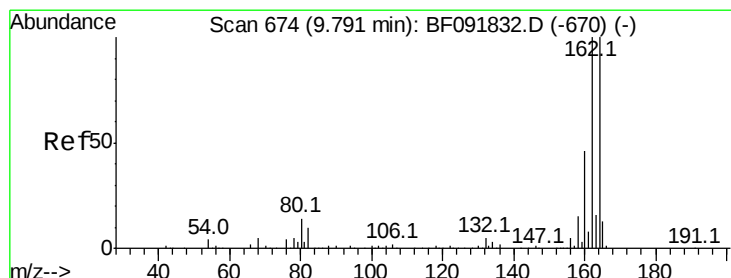
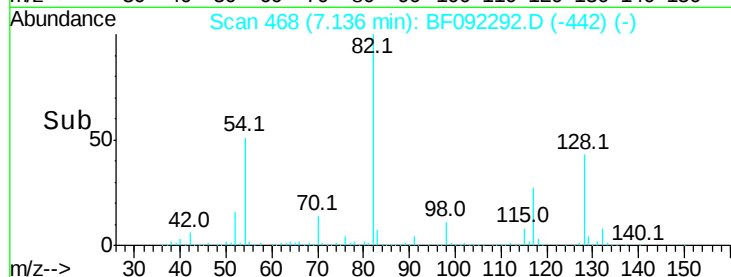
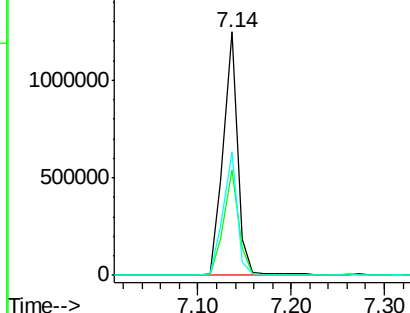
Instrument :
 BNA_F
 ClientSampleId :
 W-52

Tot Ion: 82 Resp: 1352979

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	50.8	39.5	59.3



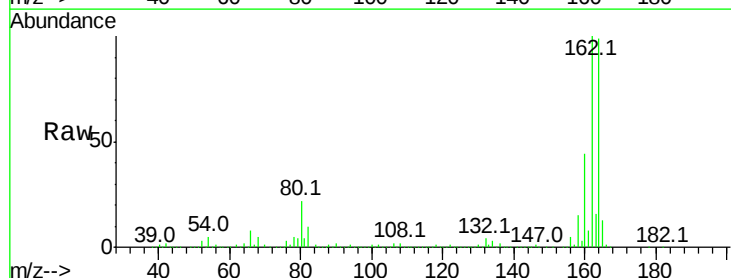
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



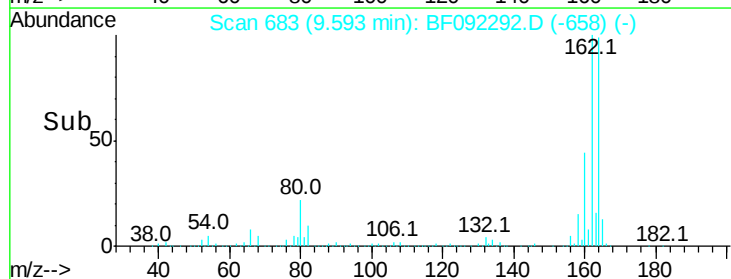
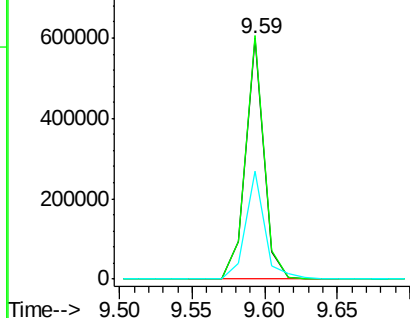
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

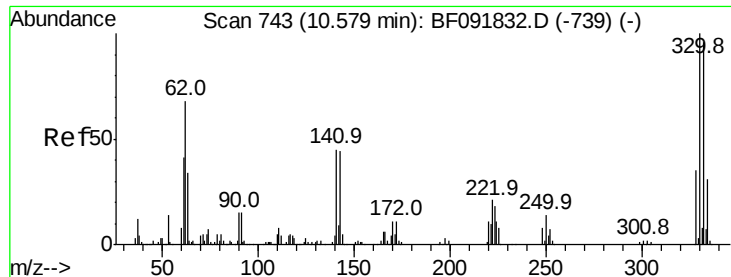
Tgt Ion:164 Resp: 528116

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

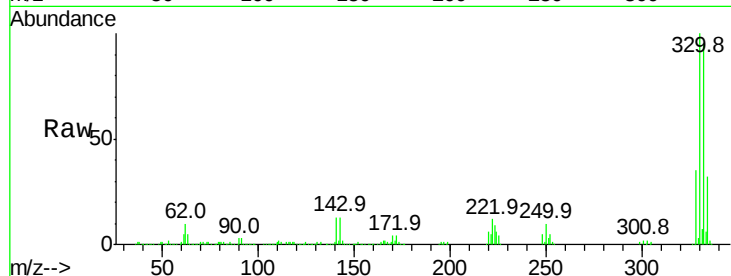




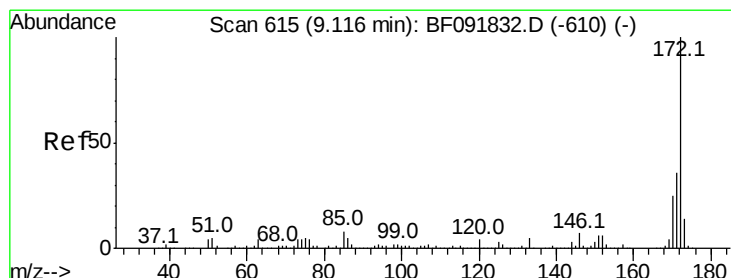
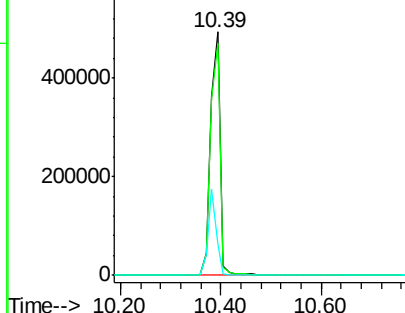
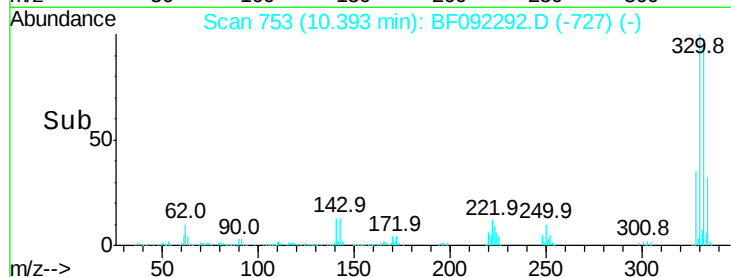
#41
 2,4,6-Tribromophenol
 Concen: 149.27 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 W-52

Tot Ion:330 Resp: 652394
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 30.9 34.1 51.1#

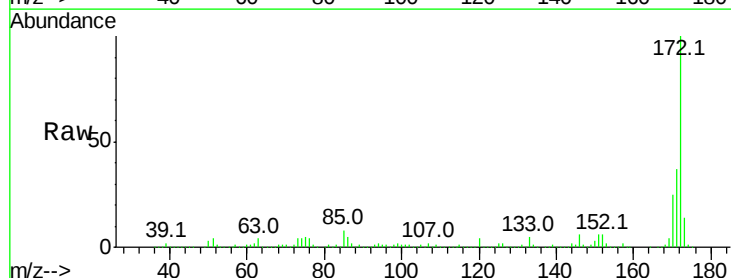


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

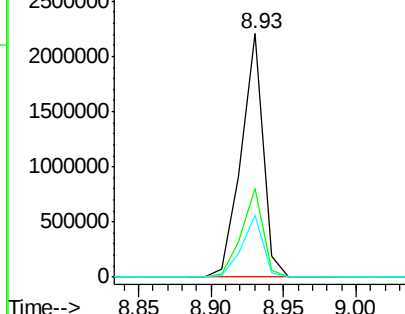
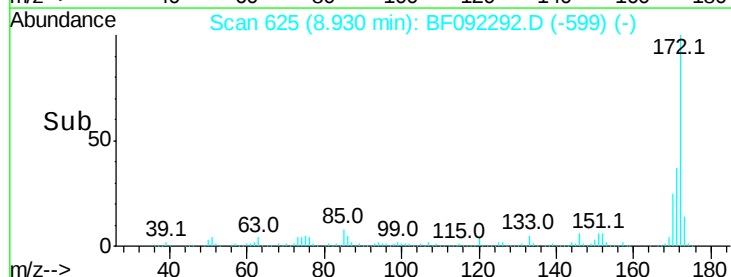


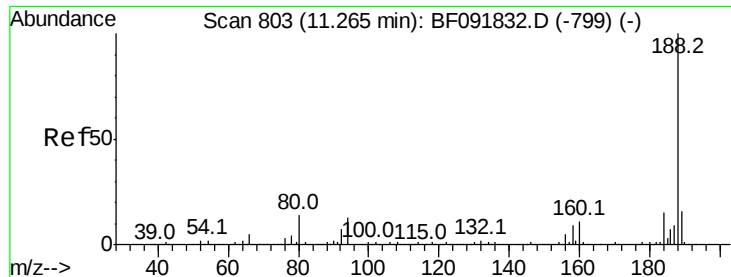
#44
 2-Fluorobiphenyl
 Concen: 91.39 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

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

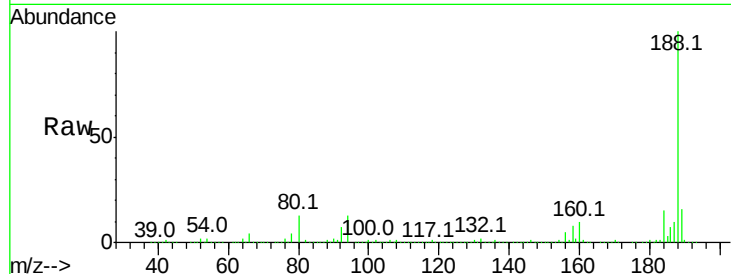




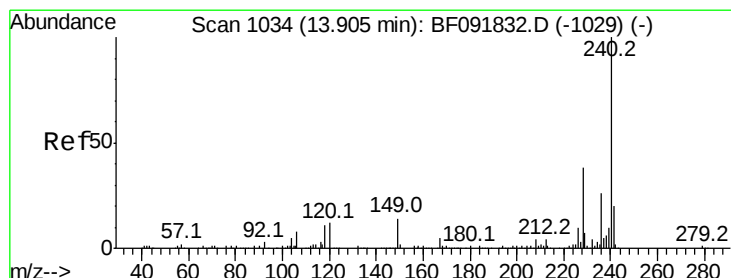
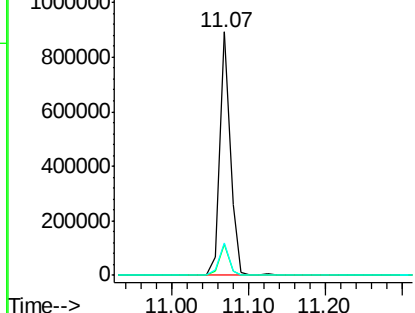
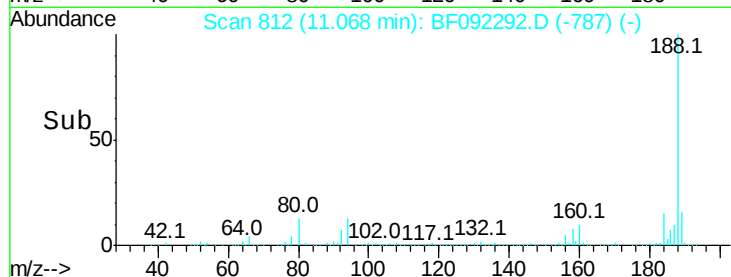
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 W-52

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

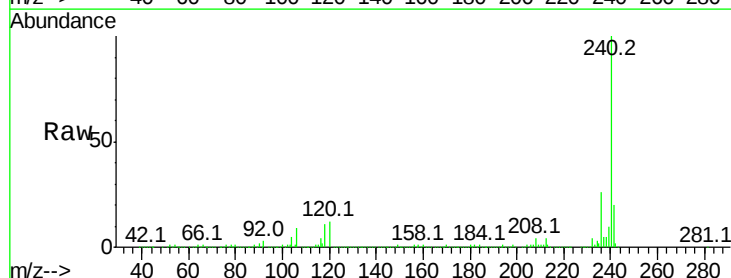


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

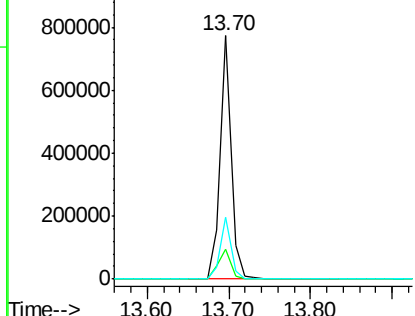
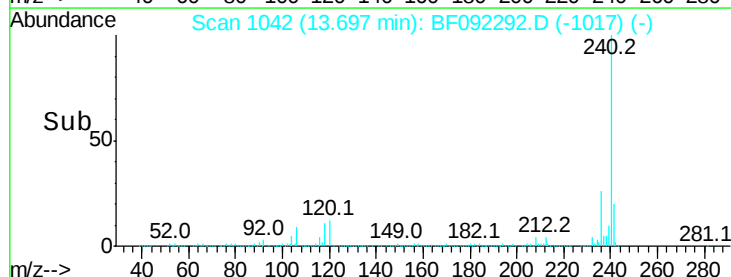


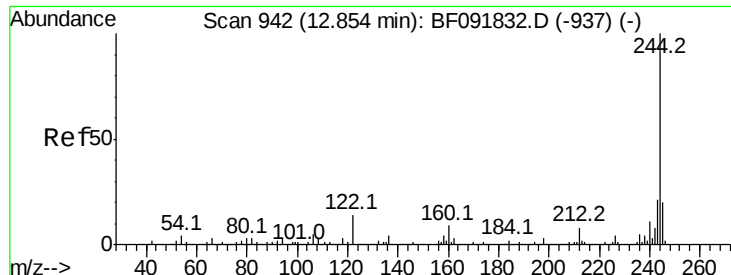
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

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

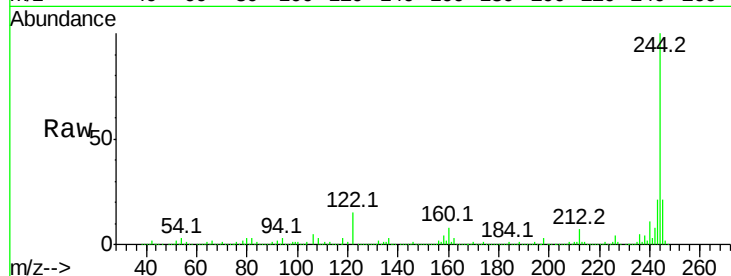




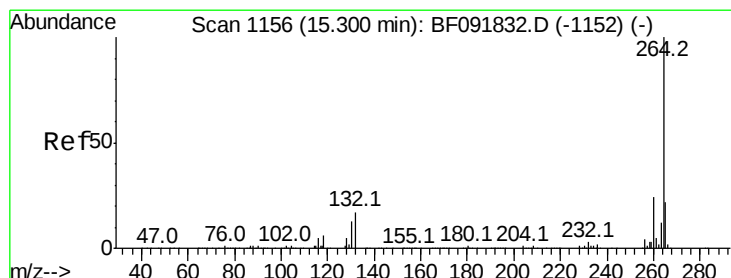
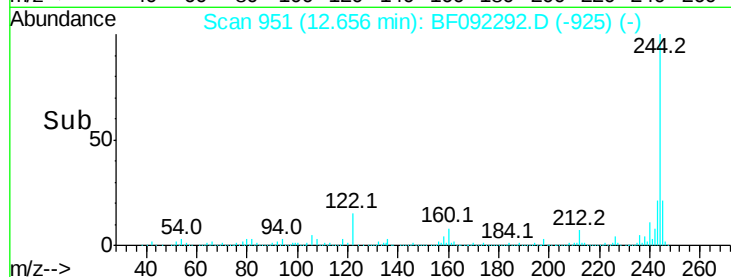
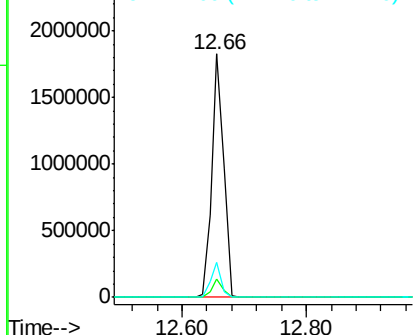
#78
 Terphenyl-d14
 Concen: 79.16 ng
 RT: 12.66 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

Instrument :
 BNA_F
 ClientSampled :
 W-52

Tot Ion:244 Resp: 2380232
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 14.6 11.4 17.2

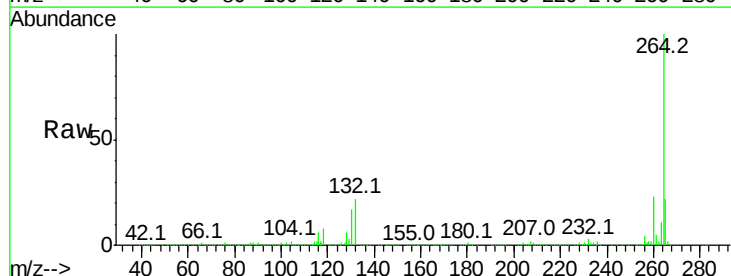


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF092292.D
 Acq: 16 Jan 2017 18:35

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

