

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092333.D
 Acq On : 17 Jan 2017 23:21
 Operator : UM/SJ
 Sample : I1242-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-42

Quant Time: Jan 18 00:56:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	174306	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	834872	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	419924	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	702599	20.00	ng	0.00
75) Chrysene-d12	13.69	240	477928	20.00	ng	-0.01
86) Perylene-d12	15.05	264	322741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	738516	70.74	ng	0.00
7) Phenol-d6	6.22	99	532572	41.79	ng	0.00
23) Nitrobenzene-d5	7.12	82	1088446	72.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	514234	147.97	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2119030	106.68	ng	0.00
78) Terphenyl-d14	12.66	244	1984343	100.70	ng	0.01

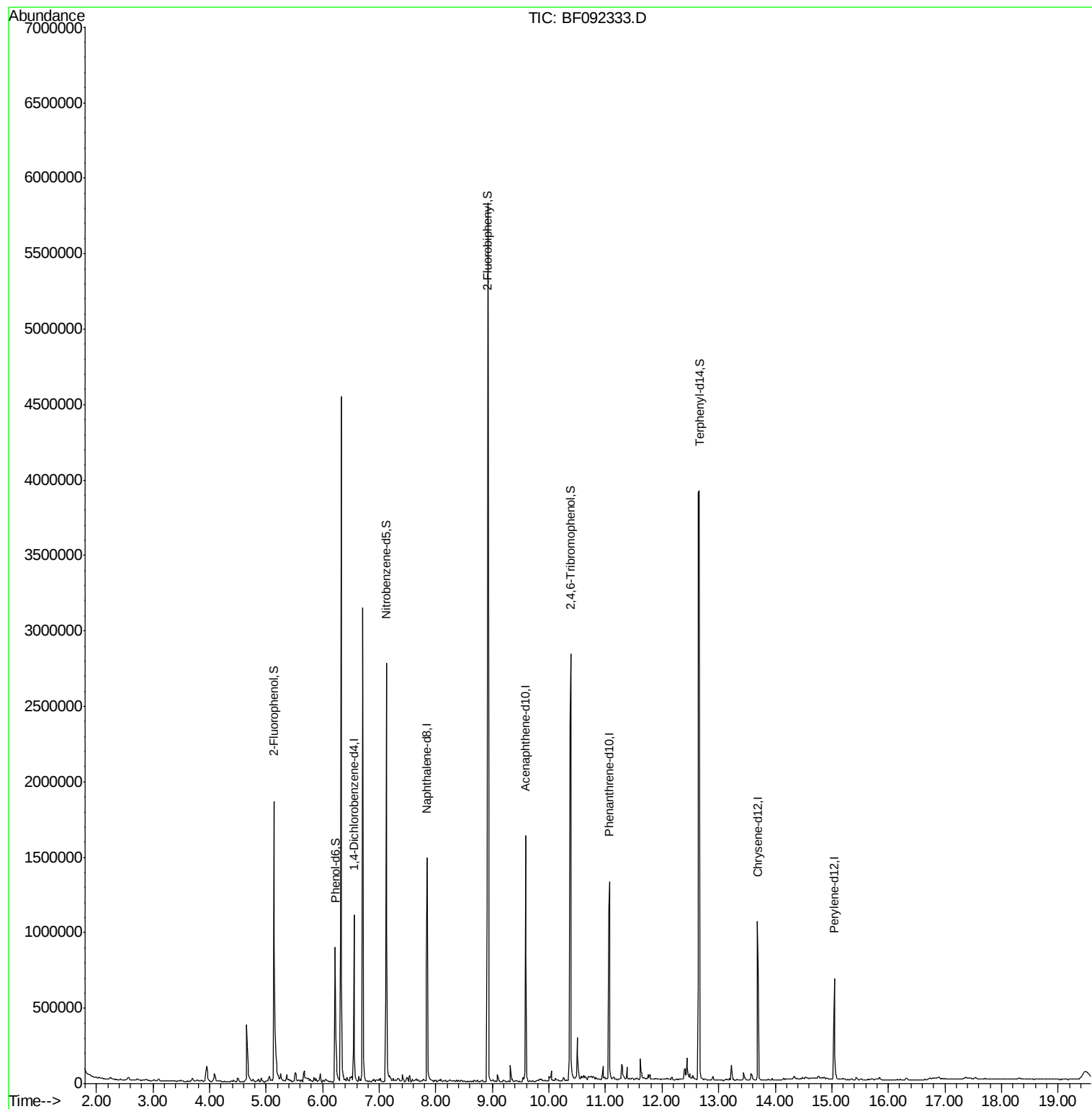
Target Compounds Qvalue

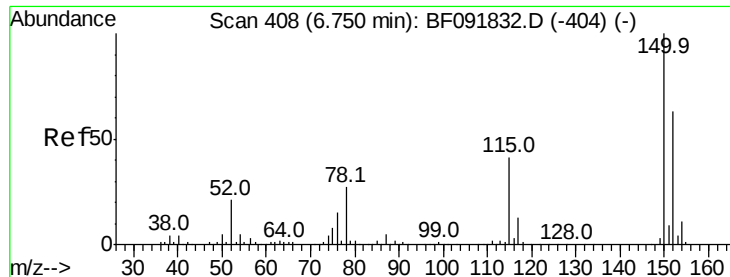
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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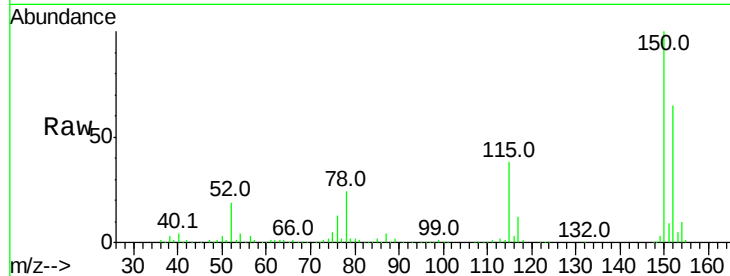


#1

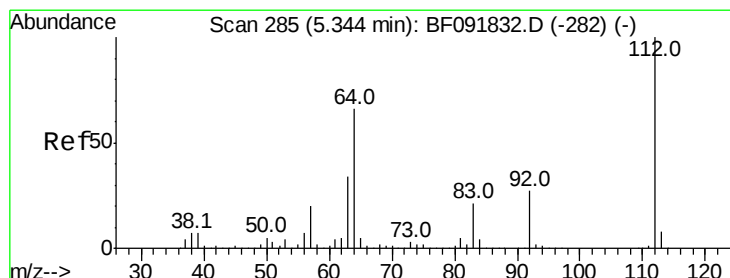
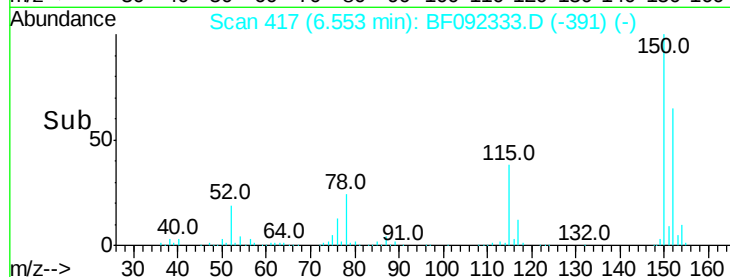
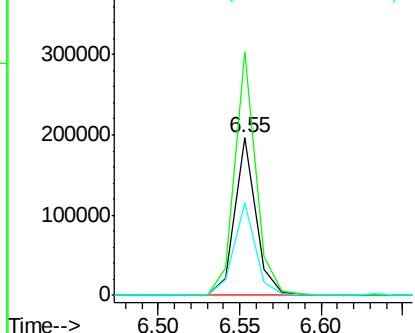
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF092333.D
Acq: 17 Jan 2017 23:21

Instrument :
BNA_F
ClientSampleId :
W-42

Tot Ion:152 Resp: 174306
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 58.6 46.0 69.0



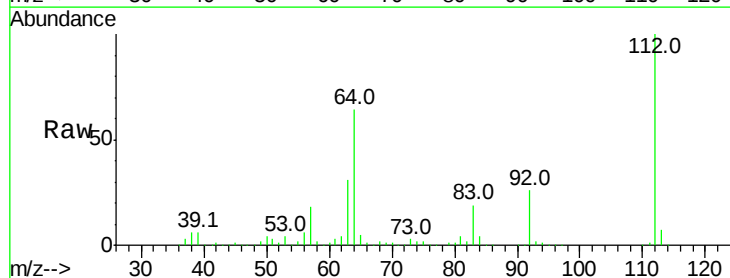
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



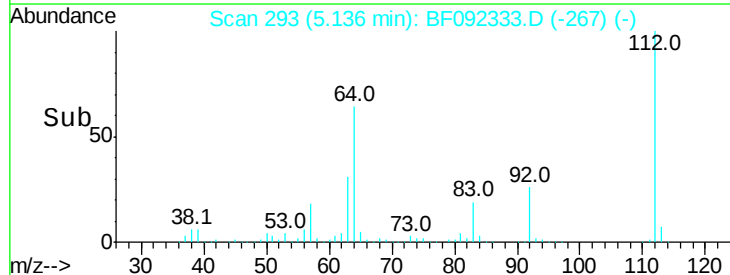
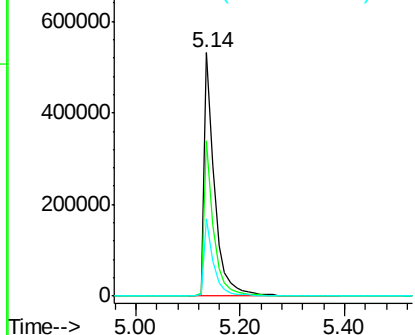
#5

2-Fluorophenol
Concen: 70.74 ng
RT: 5.14 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092333.D
Acq: 17 Jan 2017 23:21

Tgt Ion:112 Resp: 738516
Ion Ratio Lower Upper
112 100
64 63.6 46.1 69.1
63 31.5 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: 41.79 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

Instrument :

BNA_F

ClientSampleId :

W-42

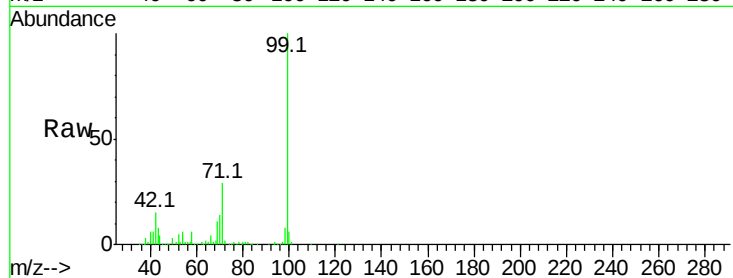
Tot Ion: 99 Resp: 532572

Ion Ratio Lower Upper

99 100

42 15.1 15.6 23.4#

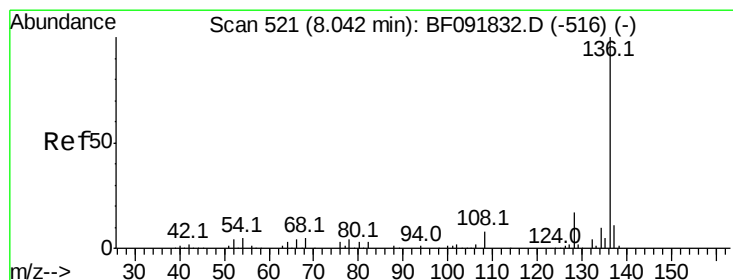
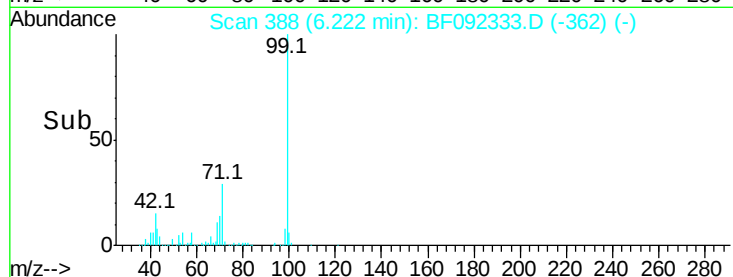
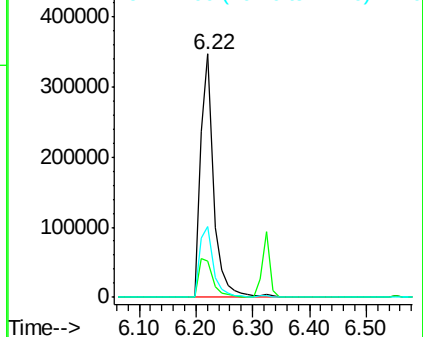
71 28.8 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

Tgt Ion: 136 Resp: 834872

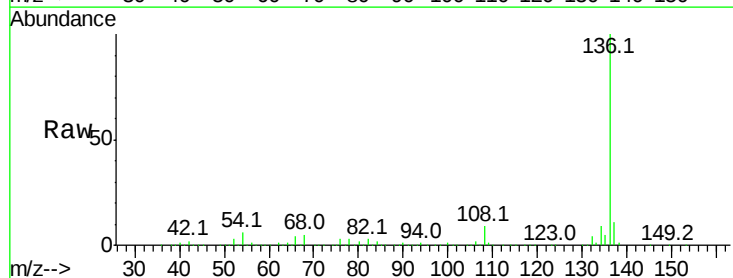
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.0 4.5 6.7

68 5.2 3.6 5.4

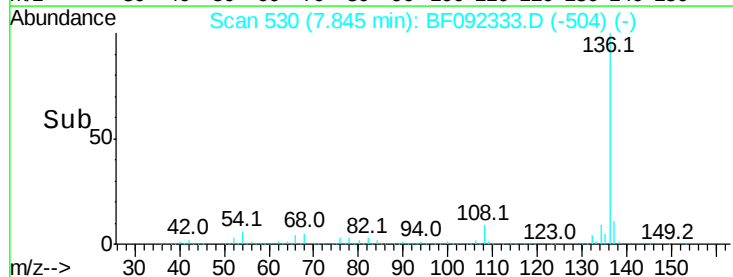
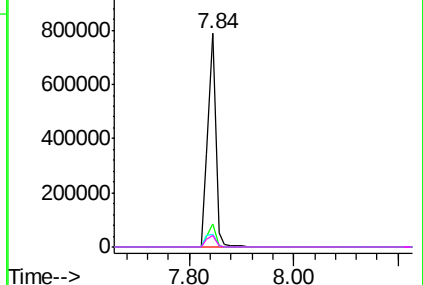


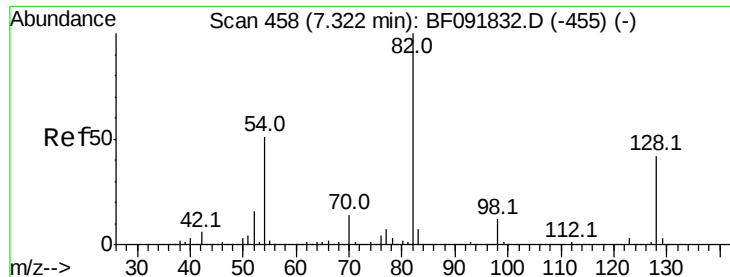
Abundance Ion 136.00 (135.70 to 136.70): E

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



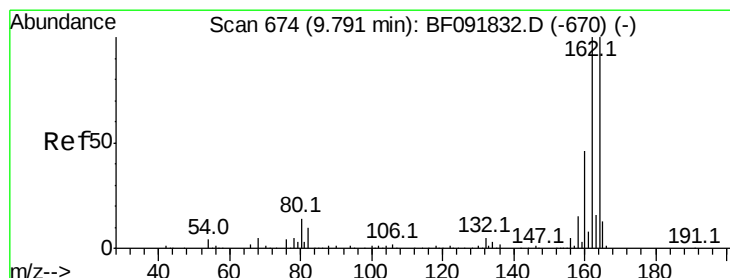
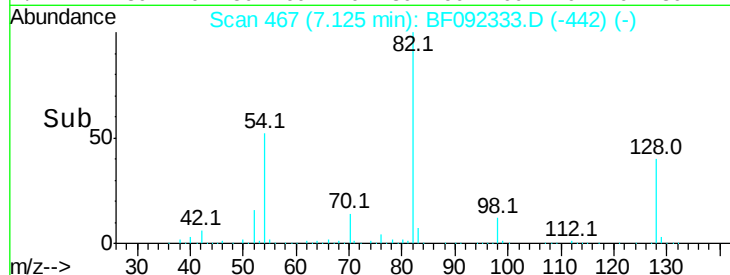
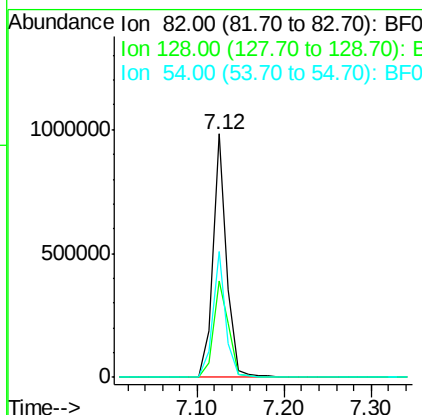
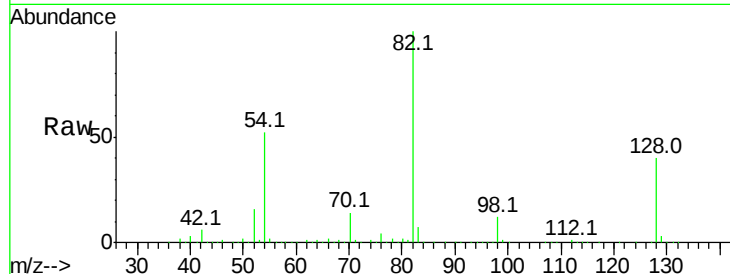


#23
 Nitrobenzene-d5
 Concen: 72.49 ng
 RT: 7.12 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 W-42

Tot Ion: 82 Resp: 1088446

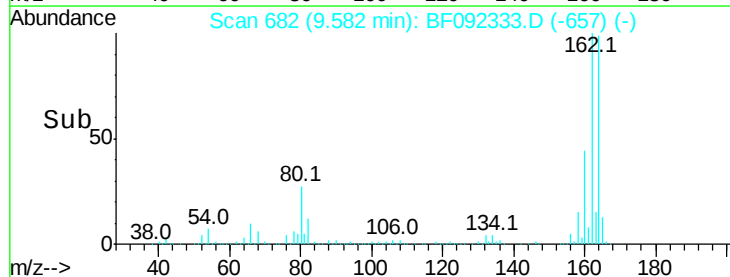
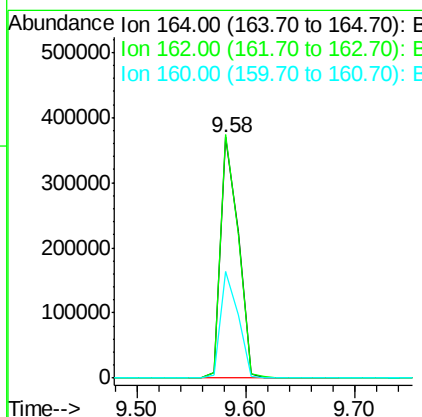
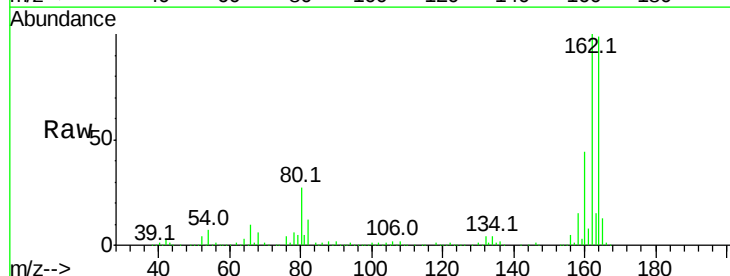
Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.6	52.0
54	51.7	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

Tgt Ion:164 Resp: 419924

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	44.1	36.9	55.3

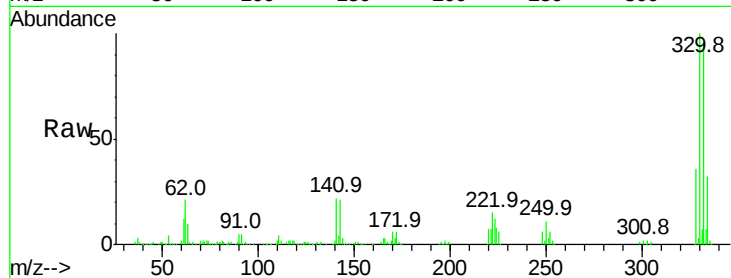




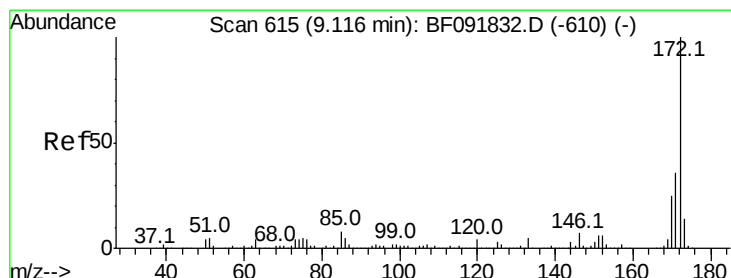
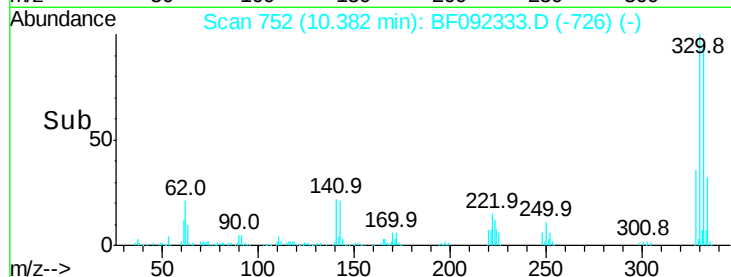
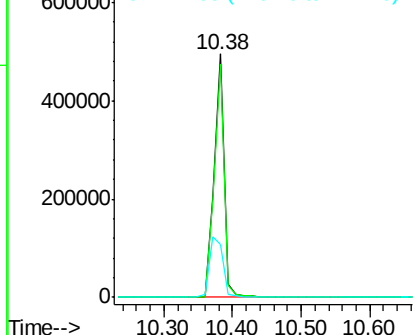
#41
 2,4,6-Tribromophenol
 Concen: 147.97 ng
 RT: 10.38 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 W-42

Tot Ion:330 Resp: 514234
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 33.3 34.1 51.1#

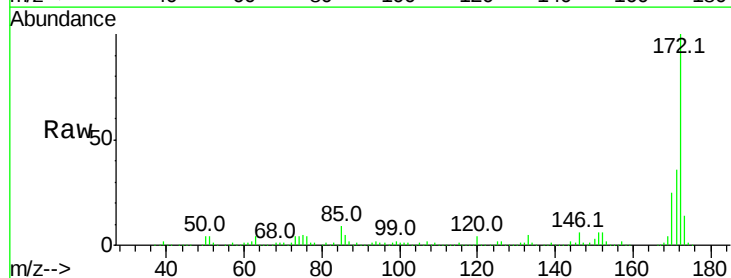


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

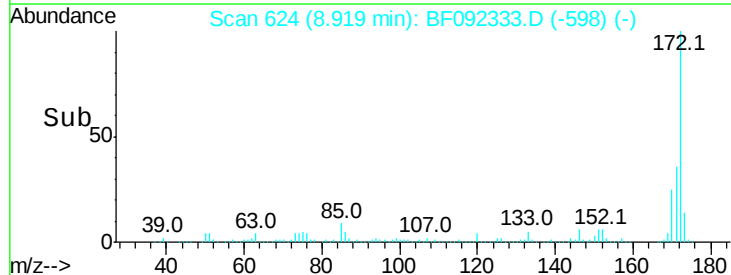
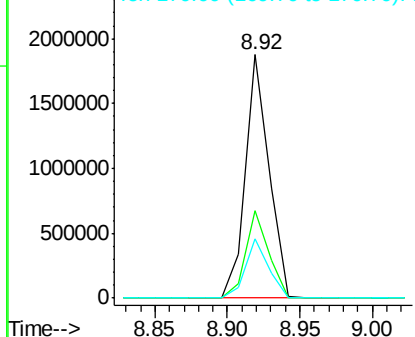


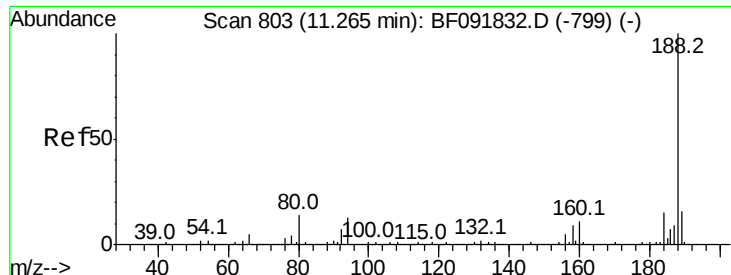
#44
 2-Fluorobiphenyl
 Concen: 106.68 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

Tgt Ion:172 Resp: 2119030
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.6 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

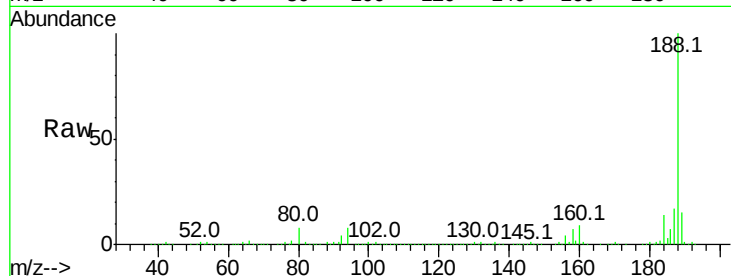




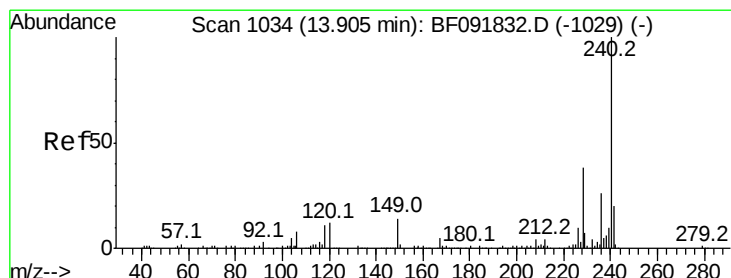
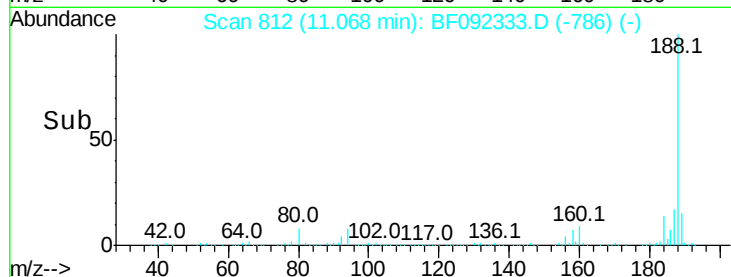
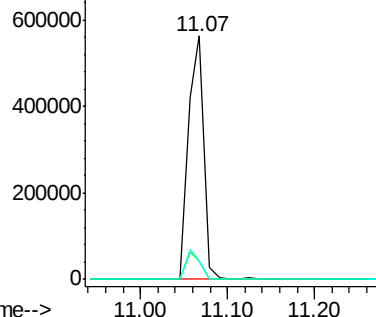
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF092333.D
Acq: 17 Jan 2017 23:21

Instrument :
BNA_F
ClientSampleId :
W-42

Tot Ion:188 Resp: 702599
Ion Ratio Lower Upper
188 100
94 7.6 10.0 15.0#
80 7.7 11.2 16.8#

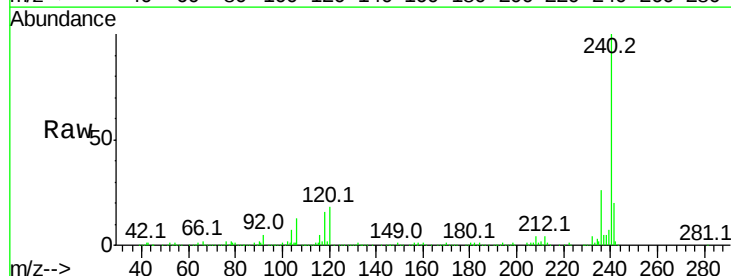


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

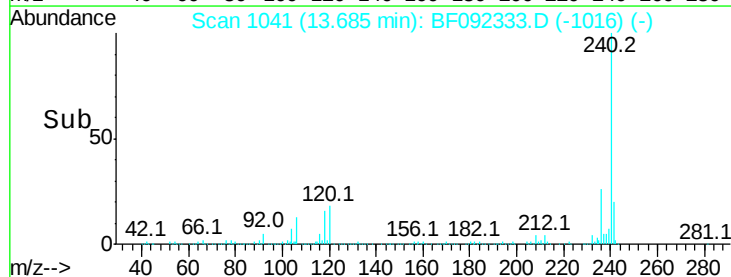
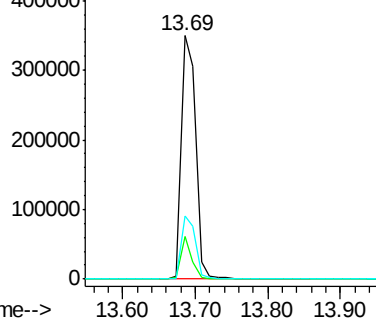


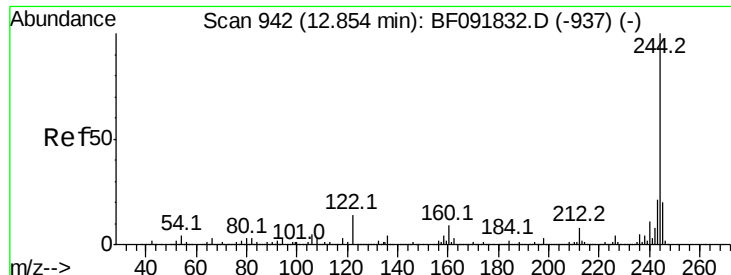
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092333.D
Acq: 17 Jan 2017 23:21

Tgt Ion:240 Resp: 477928
Ion Ratio Lower Upper
240 100
120 17.6 12.9 19.3
236 25.8 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: 100.70 ng

RT: 12.66 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

Instrument :

BNA_F

ClientSampleId :

W-42

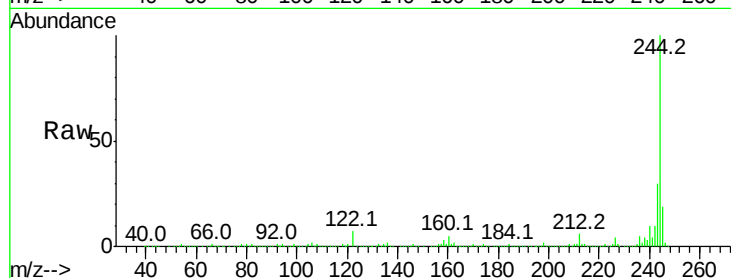
Tot Ion:244 Resp: 1984343

Ion Ratio Lower Upper

244 100

212 6.4 6.2 9.2

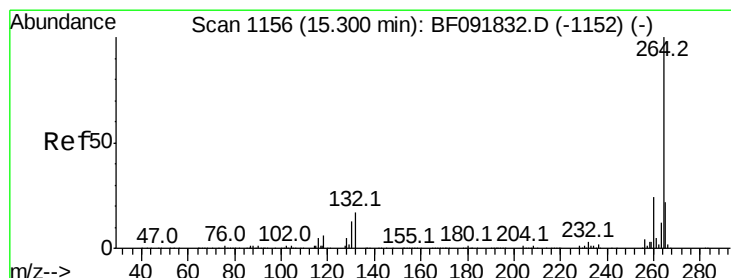
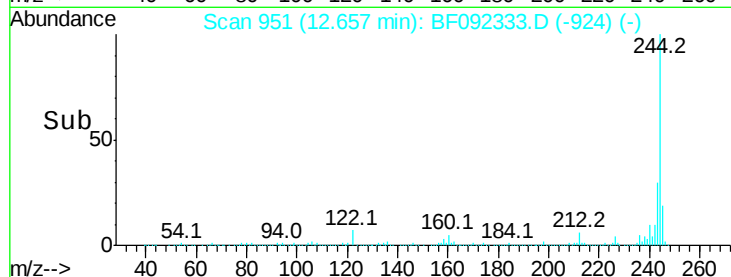
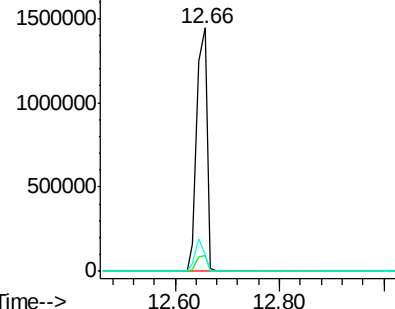
122 7.0 11.4 17.2#



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: 15.05 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

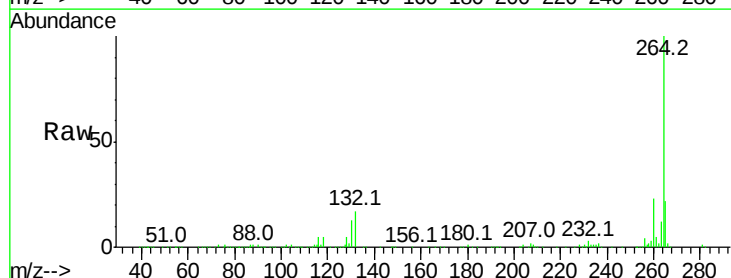
Tgt Ion:264 Resp: 322741

Ion Ratio Lower Upper

264 100

260 22.9 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

