

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084632.D
 Acq On : 29 Jan 2016 13:26
 Operator : SJ/IZ
 Sample : PB88038BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BL

Quant Time: Jan 29 23:22:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	167411	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	690554	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	314111	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	648038	20.00	ng	0.00
75) Chrysene-d12	13.87	240	610813	20.00	ng	0.00
86) Perylene-d12	15.25	264	501032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1365097	123.09	ng	0.02
7) Phenol-d6	6.37	99	1521941	114.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	911624	73.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	447938	136.06	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1881106	89.01	ng	0.00
78) Terphenyl-d14	12.83	244	1820768	67.32	ng	0.00

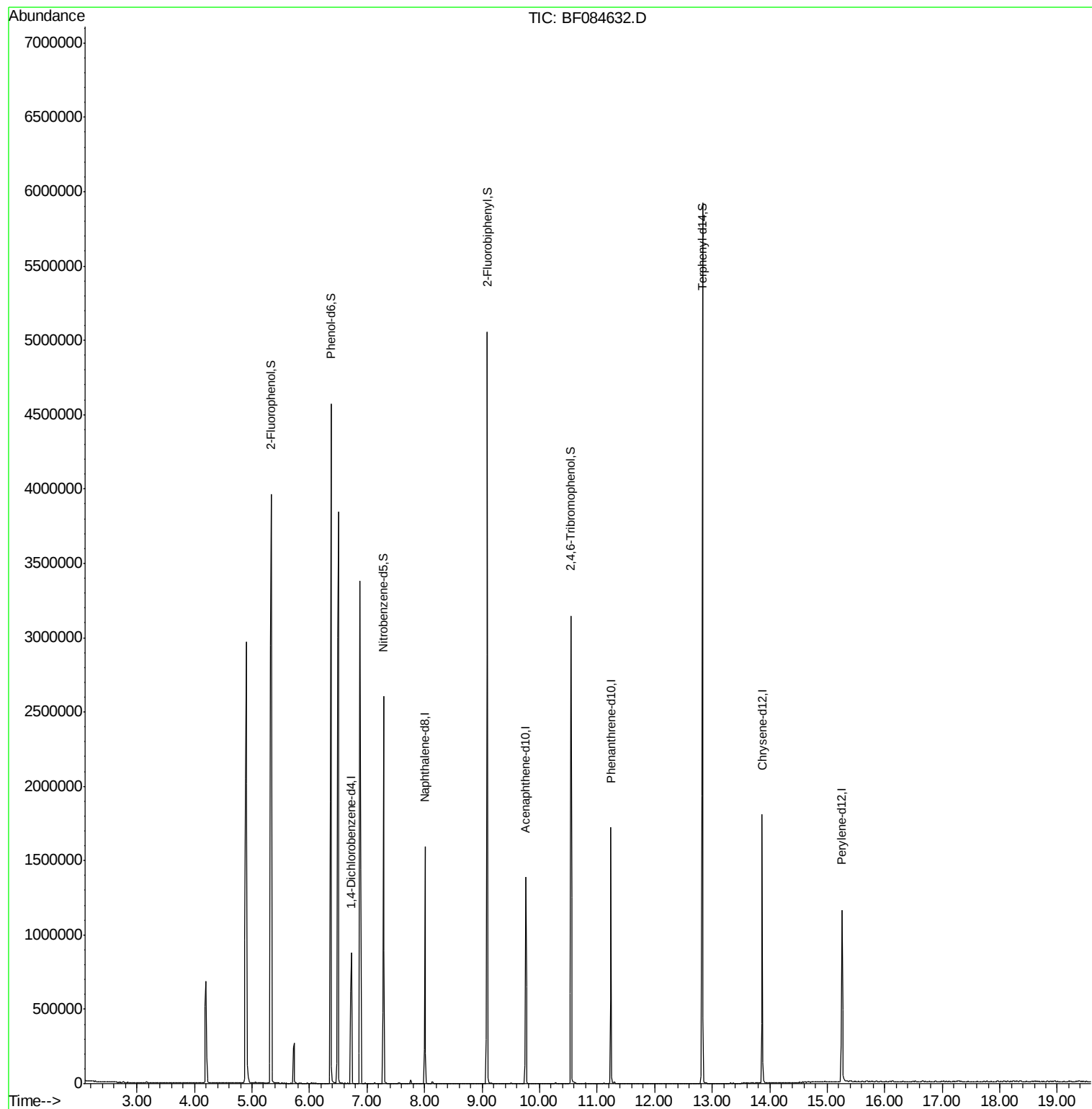
Target Compounds Qvalue

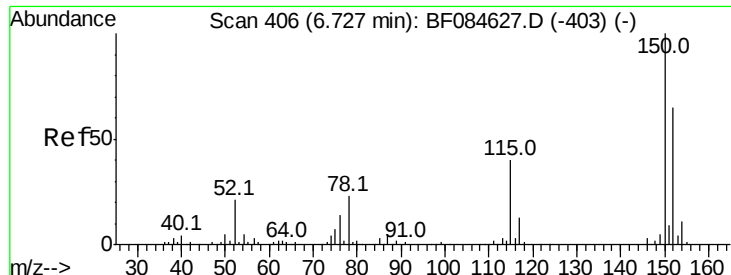
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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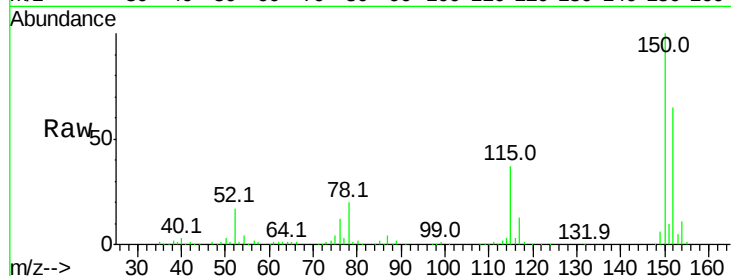


#1

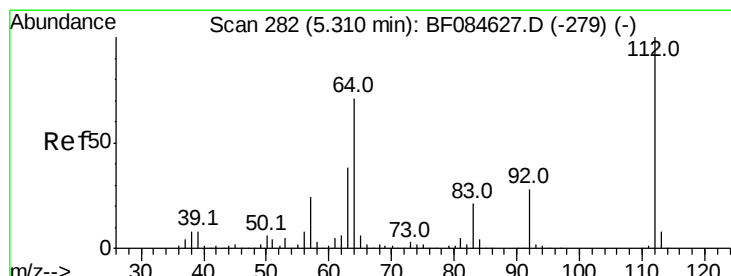
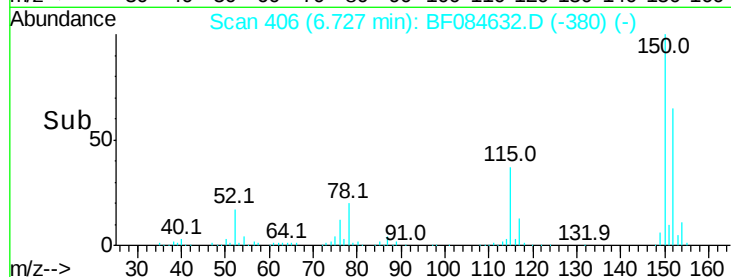
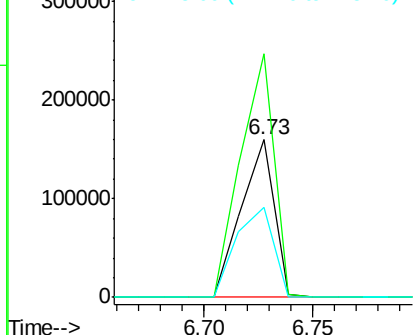
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084632.D
Acq: 29 Jan 2016 13:26

Instrument :
BNA_F
ClientSampleId :
PB88038BL

Tot Ion:152 Resp: 167411
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.4
115 56.7 51.4 77.2



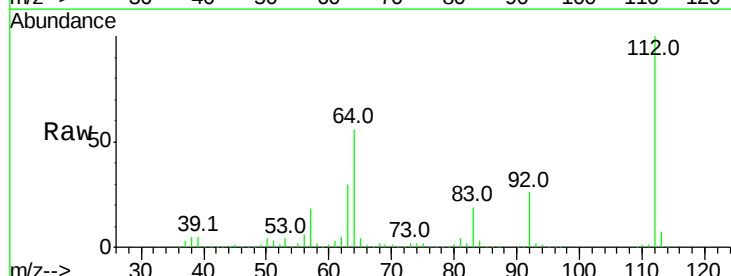
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



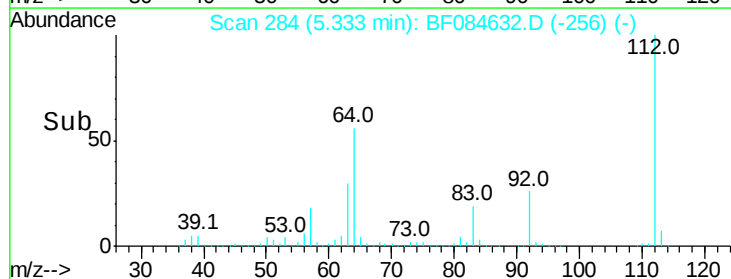
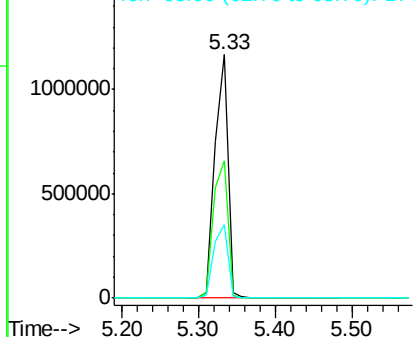
#5

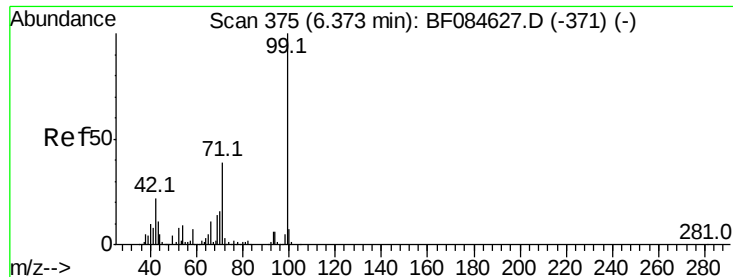
2-Fluorophenol
Concen: 123.09 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF084632.D
Acq: 29 Jan 2016 13:26

Tgt Ion:112 Resp: 1365097
Ion Ratio Lower Upper
112 100
64 56.5 36.6 55.0#
63 30.0 19.4 29.0#



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: 114.49 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084632.D

Acq: 29 Jan 2016 13:26

Instrument :

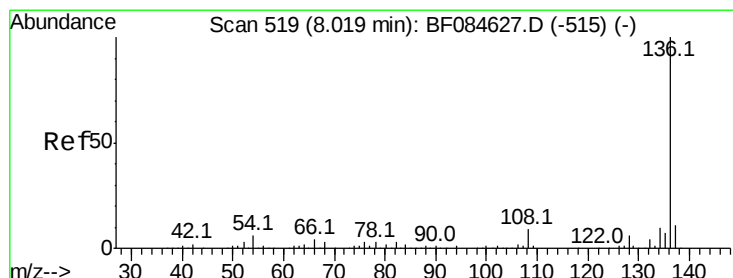
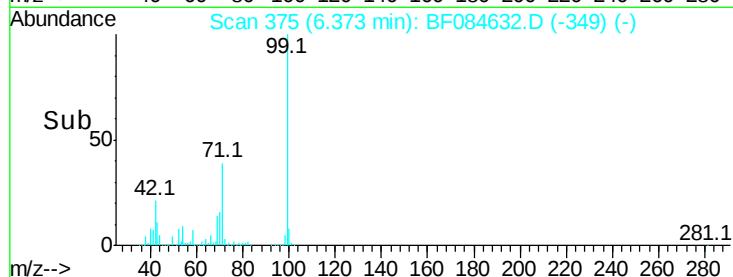
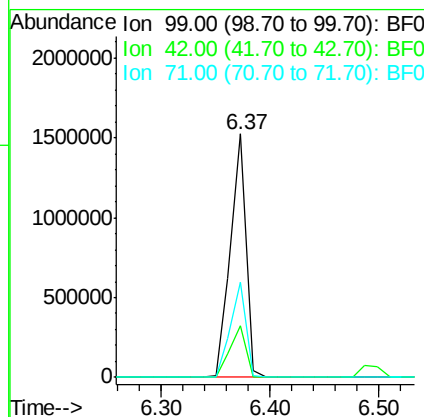
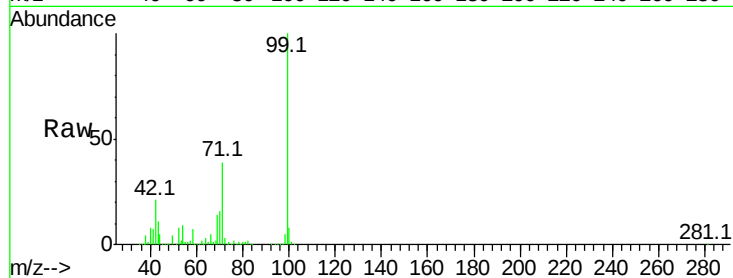
BNA_F

ClientSampleId :

PB88038BL

Tot Ion: 99 Resp: 1521941

Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.8	19.2#
71	39.0	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

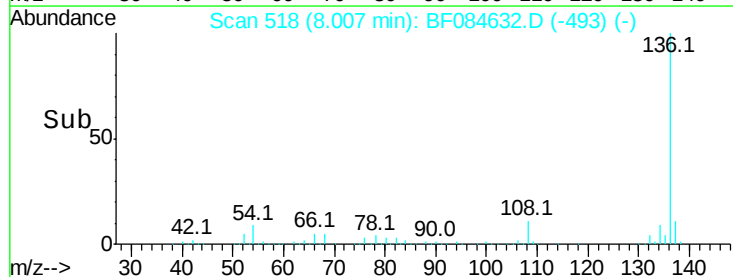
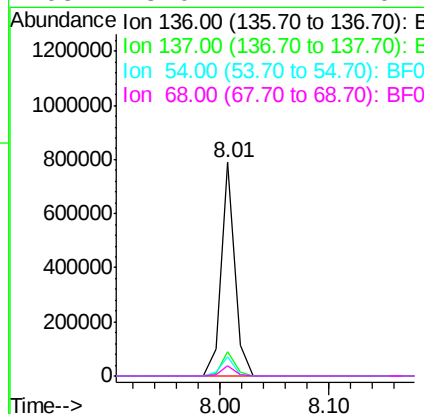
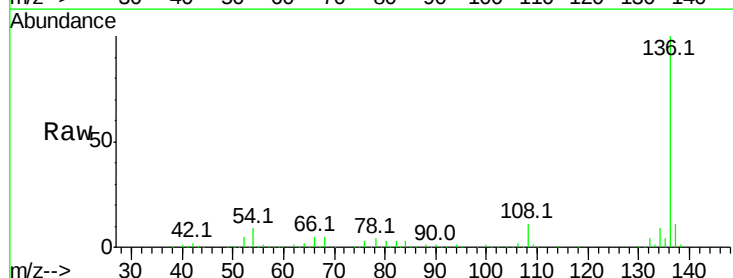
Delta R.T. -0.01 min

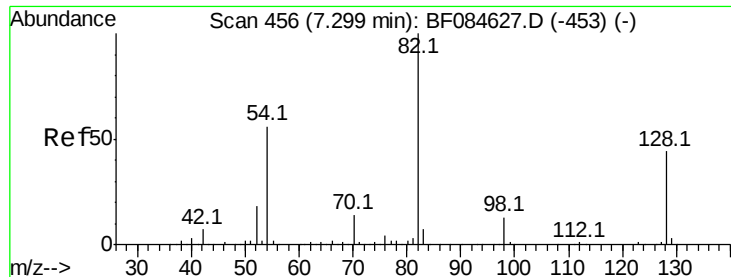
Lab File: BF084632.D

Acq: 29 Jan 2016 13:26

Tgt Ion: 136 Resp: 690554

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	8.9	5.8	8.8#
68	5.0	4.2	6.2

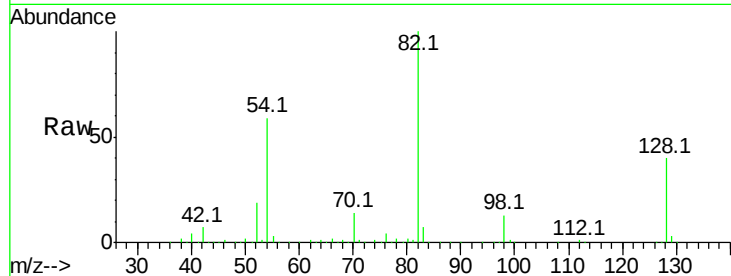




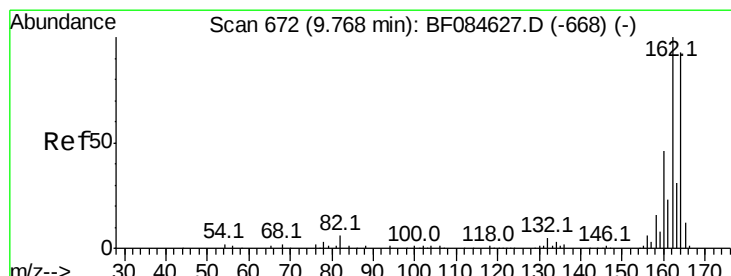
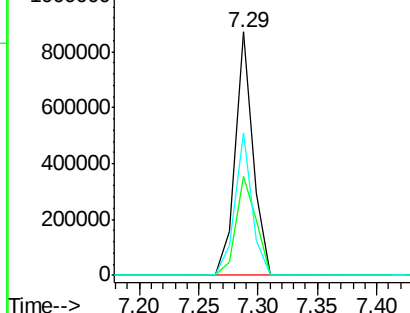
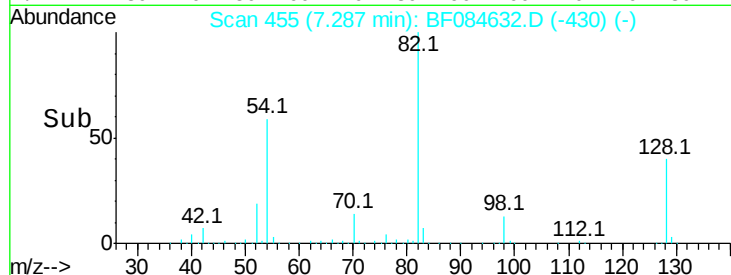
#23
 Nitrobenzene-d5
 Concen: 73.78 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084632.D
 Acq: 29 Jan 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	51.8
54	58.8	38.4	57.6

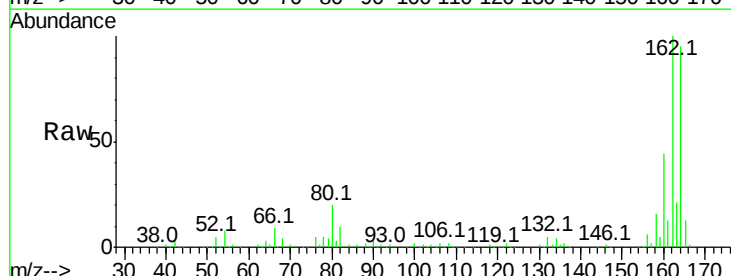


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

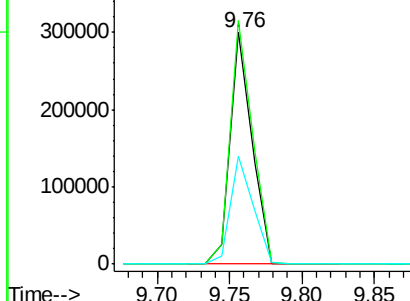
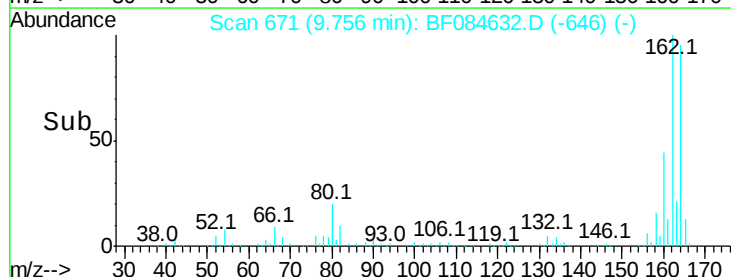


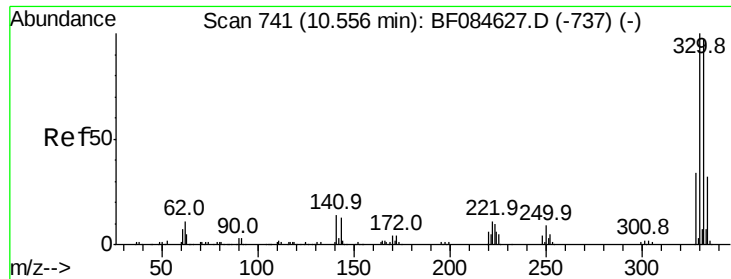
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084632.D
 Acq: 29 Jan 2016 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	46.6	37.5	56.3



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

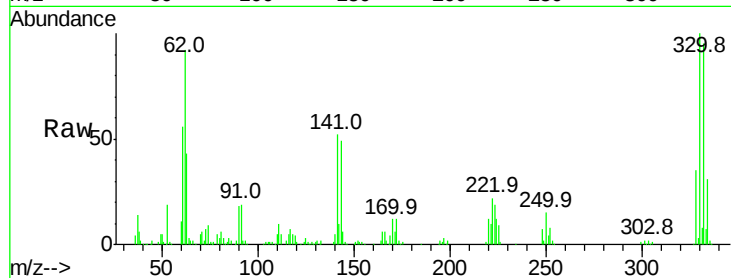




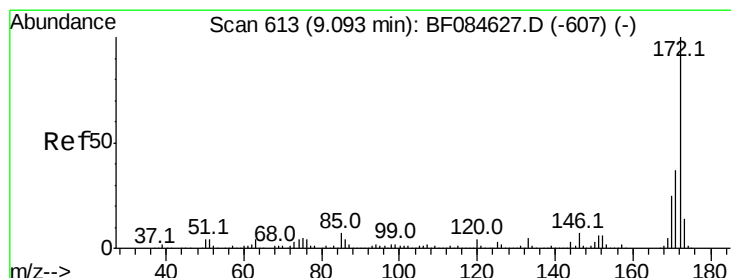
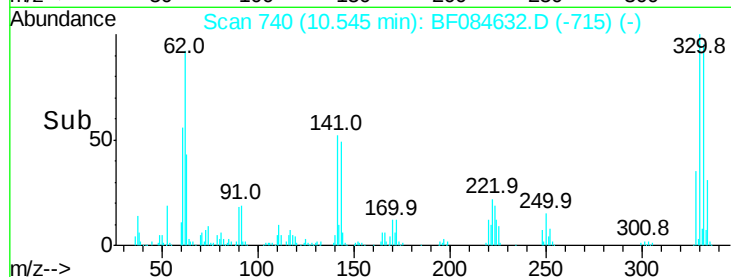
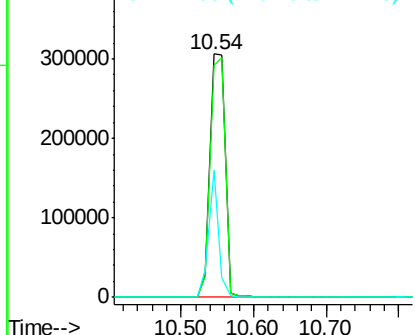
#41
 2,4,6-Tribromophenol
 Concen: 136.06 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084632.D
 Acq: 29 Jan 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB88038BL

Tot Ion:330 Resp: 447938
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 34.1 27.8 41.6

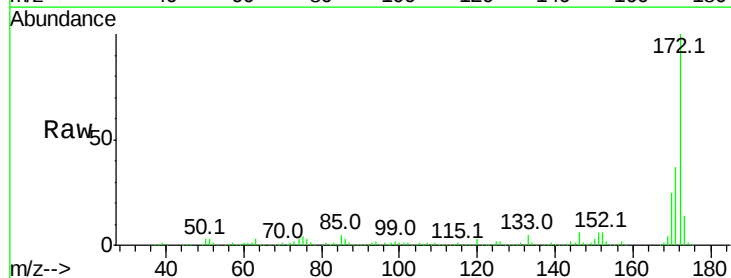


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

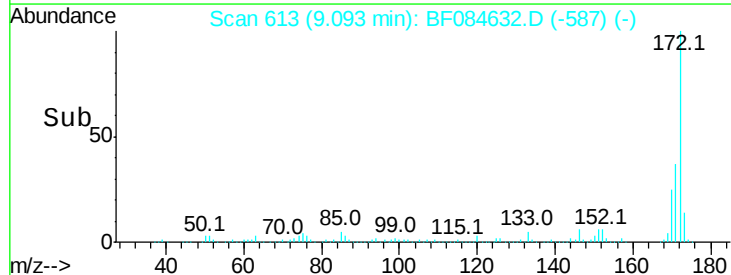
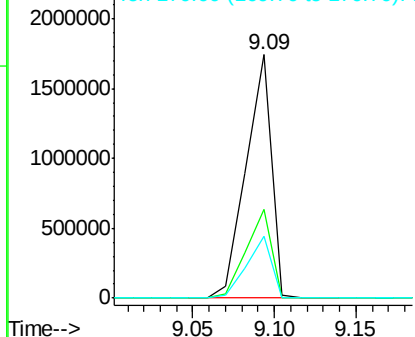


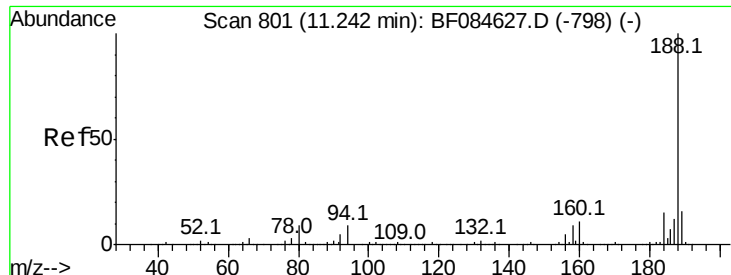
#44
 2-Fluorobiphenyl
 Concen: 89.01 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084632.D
 Acq: 29 Jan 2016 13:26

Tgt Ion:172 Resp: 1881106
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 25.4 18.6 27.8



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

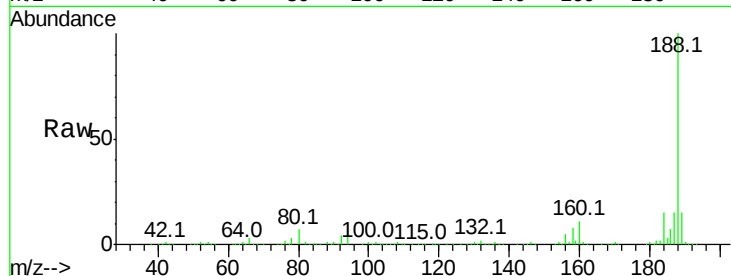




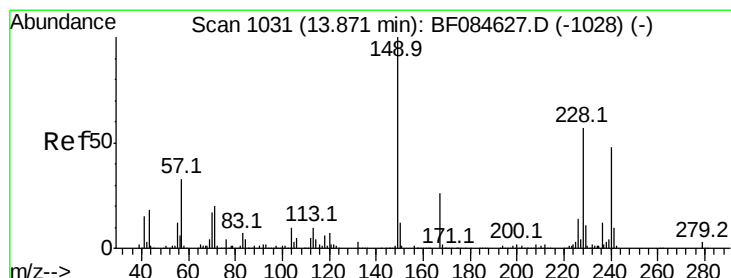
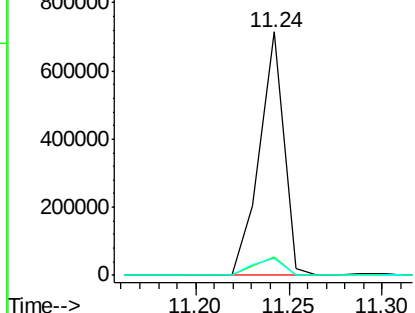
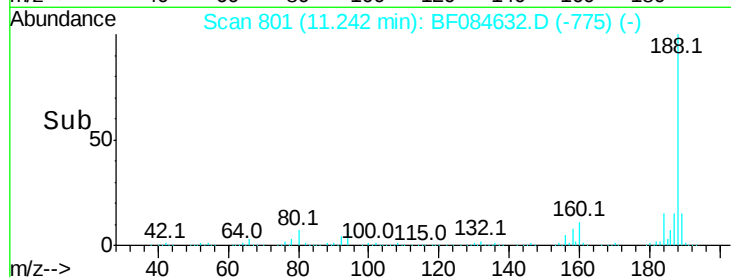
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084632.D
Acq: 29 Jan 2016 13:26

Instrument :
BNA_F
ClientSampleId :
PB88038BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.4#
80	7.2	9.6	14.4#

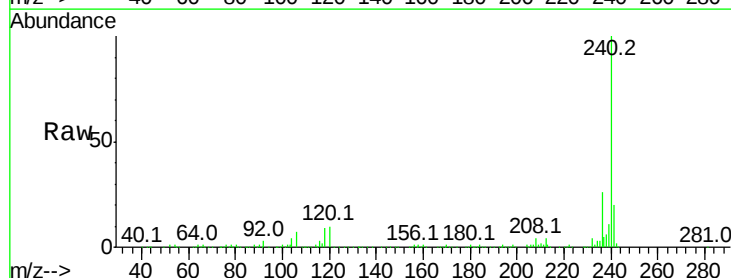


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

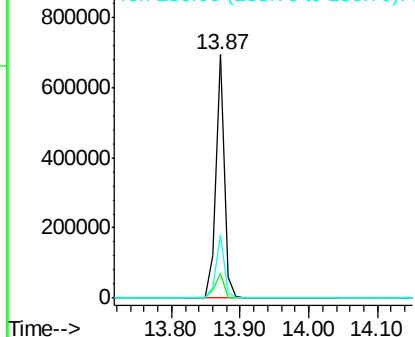
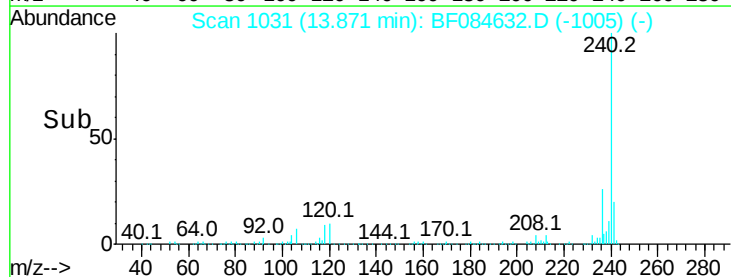


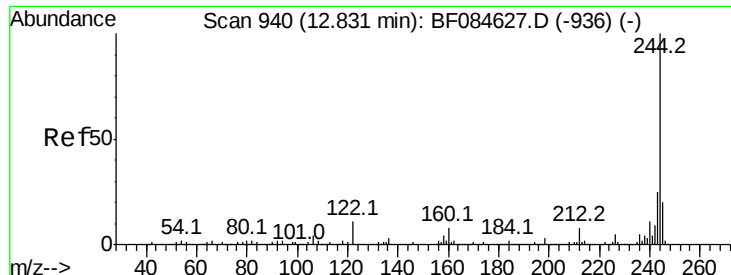
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084632.D
Acq: 29 Jan 2016 13:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.8	20.6	31.0



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: 67.32 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084632.D

Acq: 29 Jan 2016 13:26

Instrument :

BNA_F

ClientSampleId :

PB88038BL

Tot Ion:244 Resp: 1820768

Ion Ratio Lower Upper

244 100

212 7.6

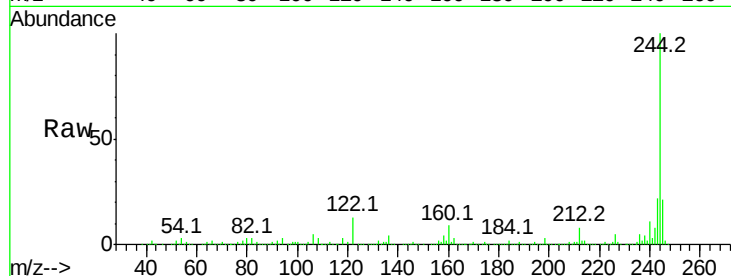
5.7

8.5

122 13.3

7.4

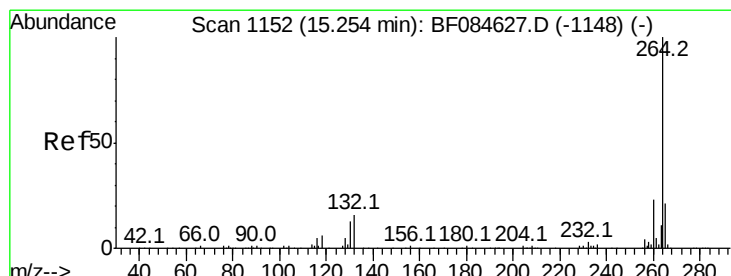
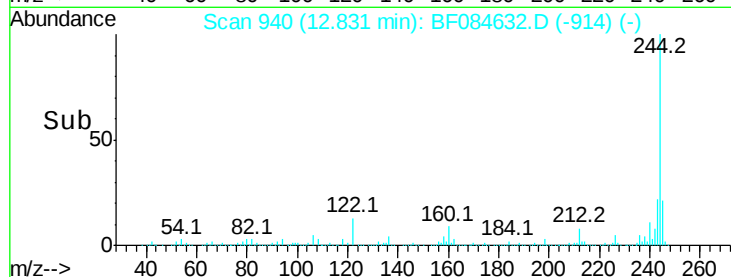
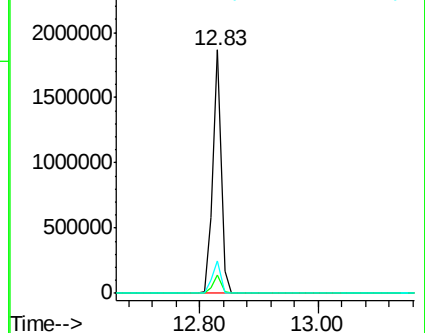
11.0#



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: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF084632.D

Acq: 29 Jan 2016 13:26

Tgt Ion:264 Resp: 501032

Ion Ratio Lower Upper

264 100

260 23.9

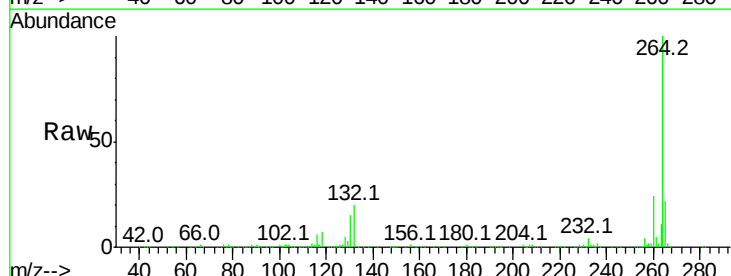
19.4

29.2

265 22.2

17.8

26.6



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

