

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084446.D
 Acq On : 13 Jan 2016 17:26
 Operator : SJ/UM
 Sample : PB87794BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87794BL

Quant Time: Jan 14 13:49:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 13:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	257757	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1107607	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	517813	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	980370	20.00	ng	0.00
75) Chrysene-d12	13.99	240	841935	20.00	ng	-0.01
86) Perylene-d12	15.41	264	617699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1666146	104.55	ng	0.01
7) Phenol-d6	6.48	99	1938640	96.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	1485268	74.63	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	499947	95.63	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2135799	71.56	ng	0.00
78) Terphenyl-d14	12.94	244	2140129	56.74	ng	0.00

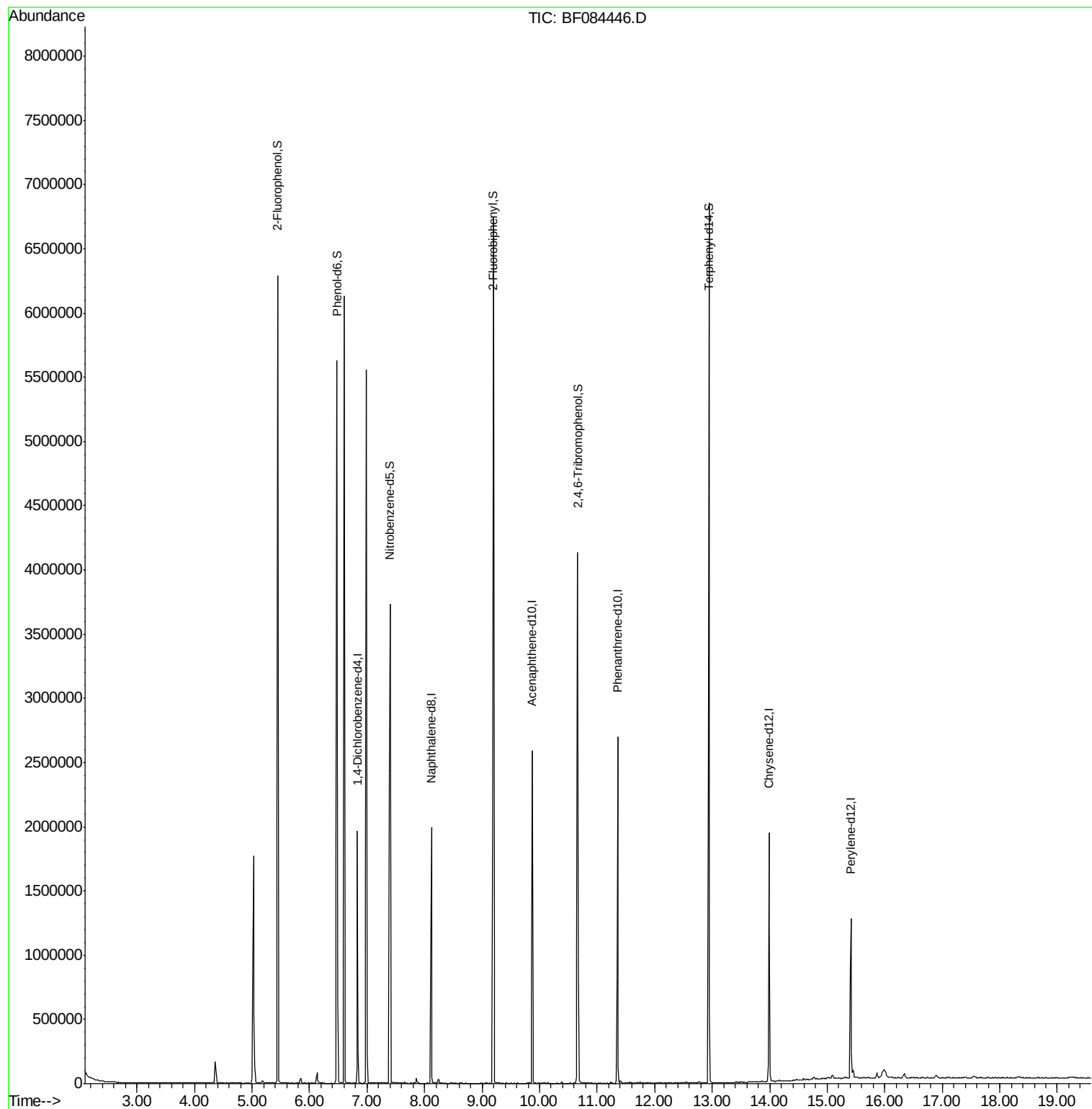
Target Compounds Qvalue

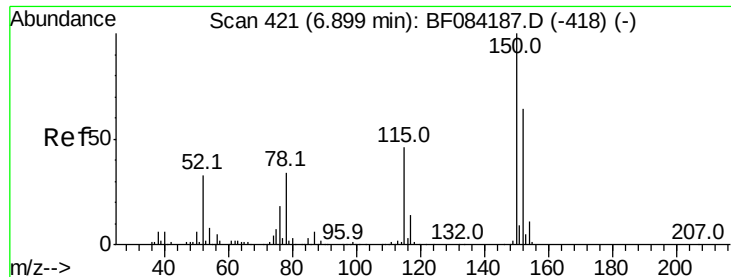
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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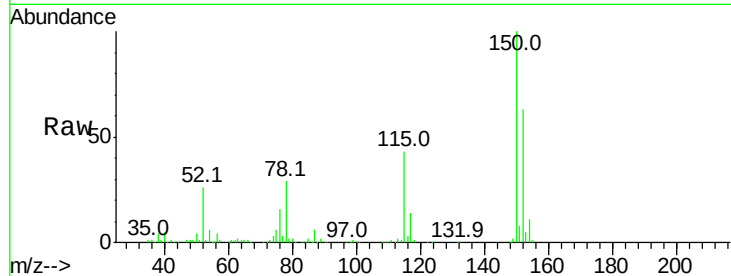


#1

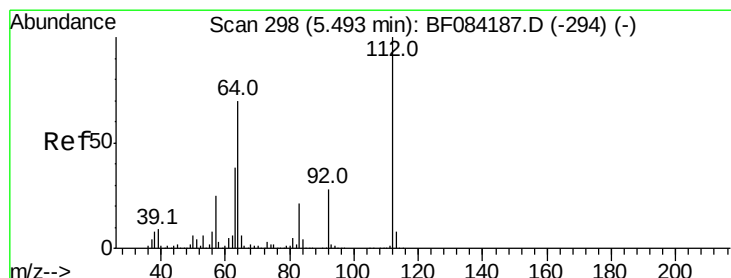
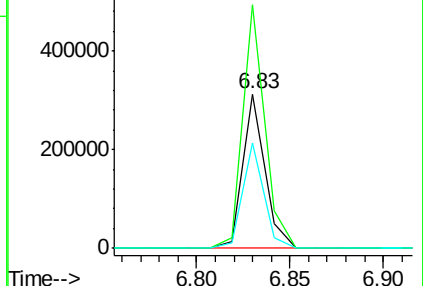
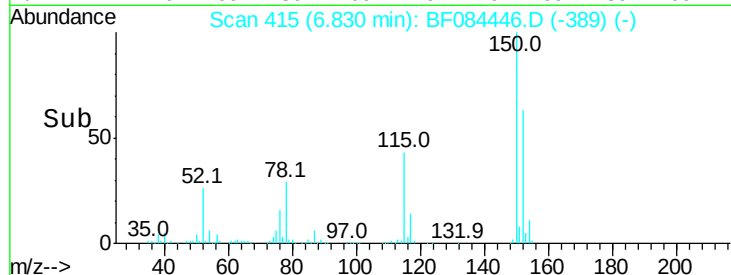
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tot Ion:152 Resp: 257757
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.4
115 67.8 51.4 77.2



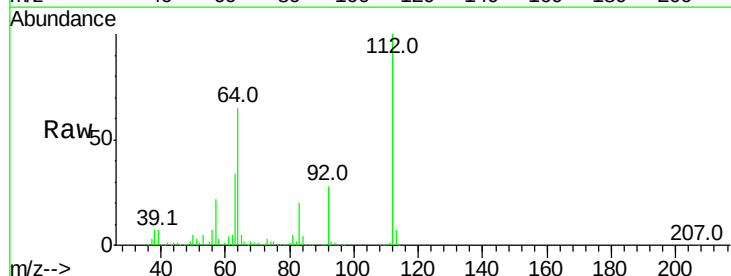
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



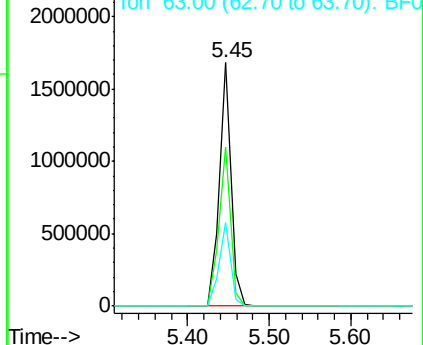
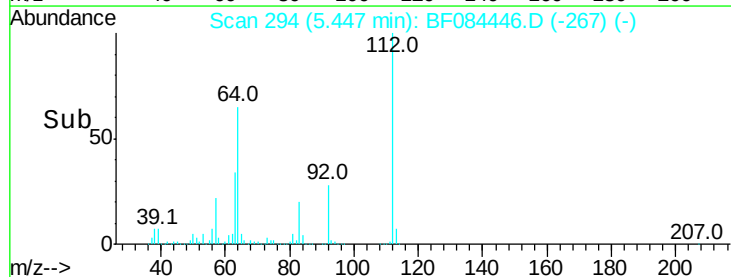
#5

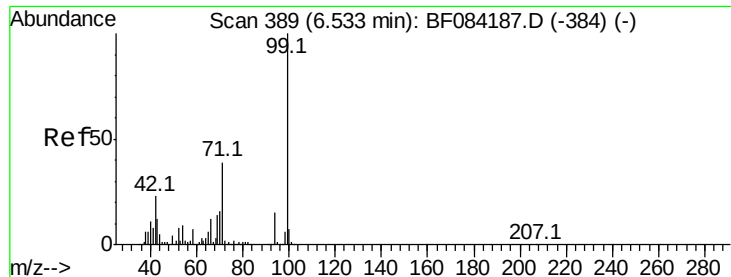
2-Fluorophenol
Concen: 104.55 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion:112 Resp: 1666146
Ion Ratio Lower Upper
112 100
64 65.4 36.6 55.0#
63 34.5 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: 96.86 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084446.D

Acq: 13 Jan 2016 17:26

Instrument :

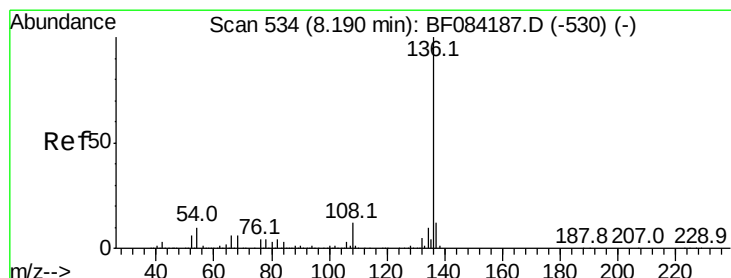
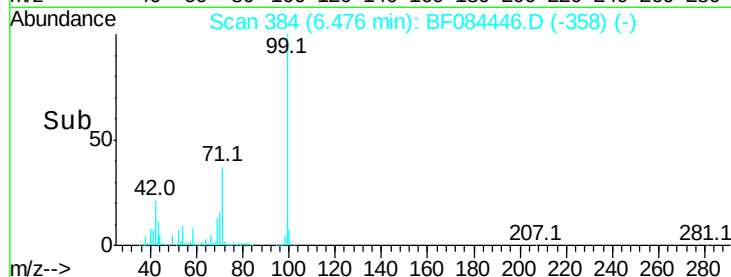
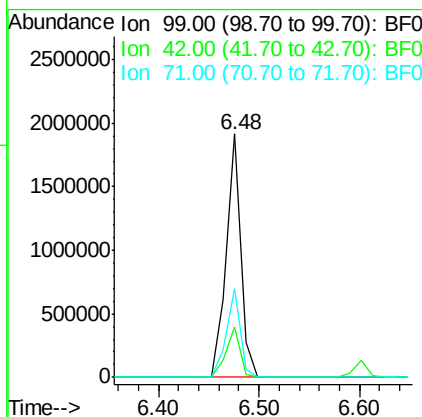
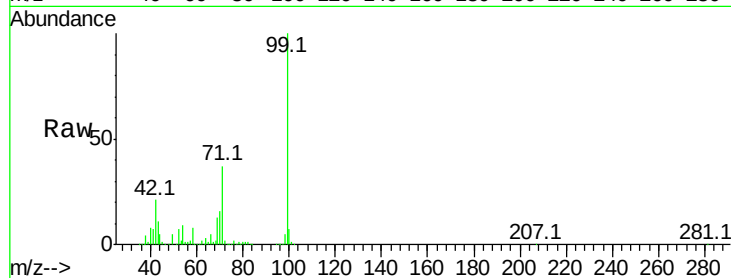
BNA_F

ClientSampleId :

PB87794BL

Tot Ion: 99 Resp: 1938640

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	36.6	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

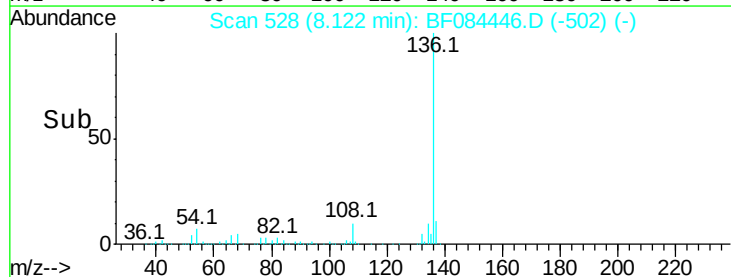
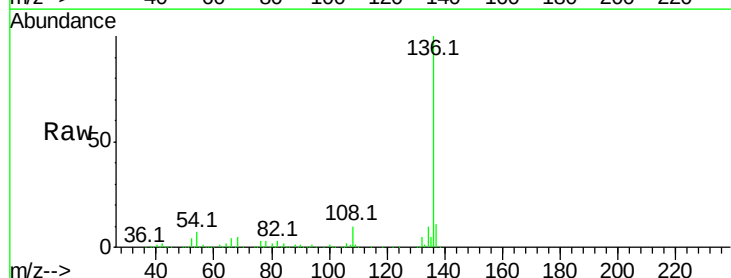
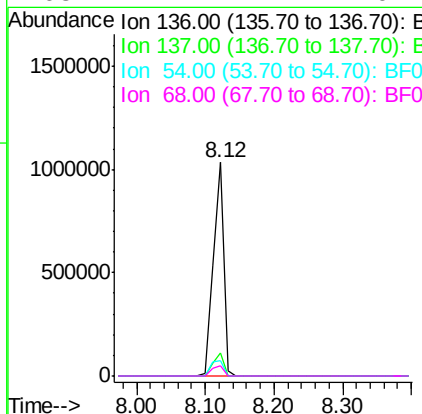
Delta R.T. -0.00 min

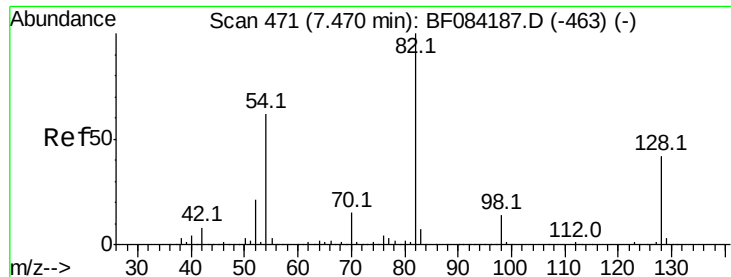
Lab File: BF084446.D

Acq: 13 Jan 2016 17:26

Tgt Ion: 136 Resp: 1107607

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.4	5.8	8.8
68	4.7	4.2	6.2



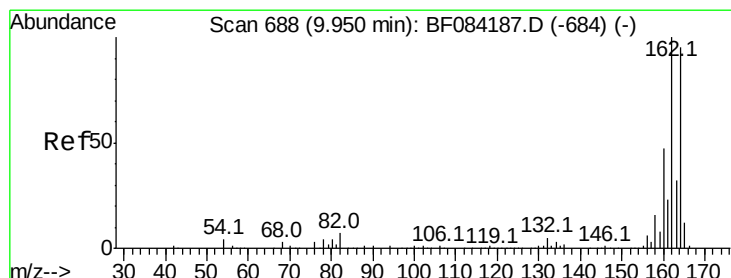
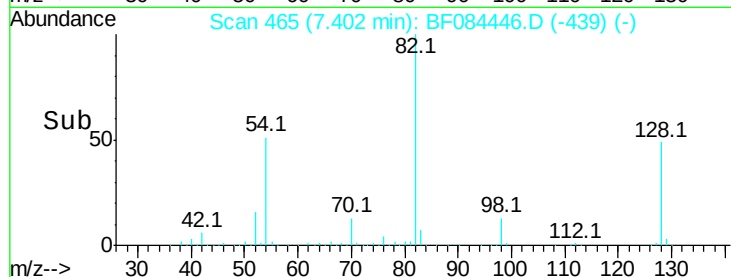
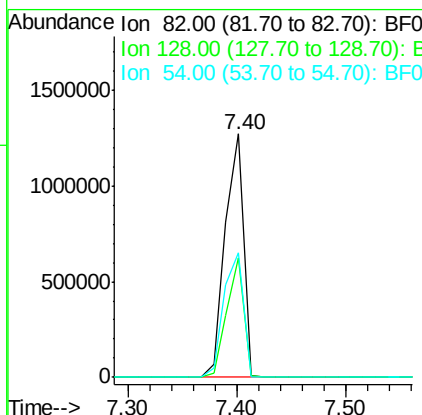
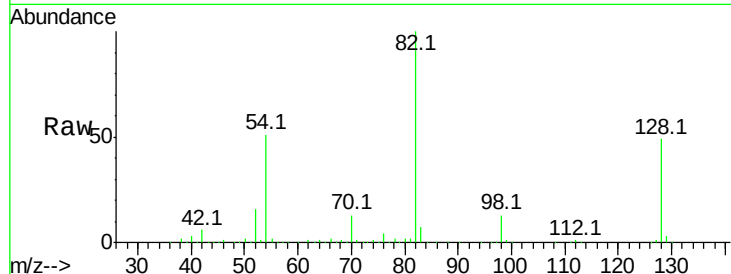


#23
 Nitrobenzene-d5
 Concen: 74.63 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF084446.D
 Acq: 13 Jan 2016 17:26

Instrument :
 BNA_F
 ClientSampleID :
 PB87794BL

Tot Ion: 82 Resp: 1485268

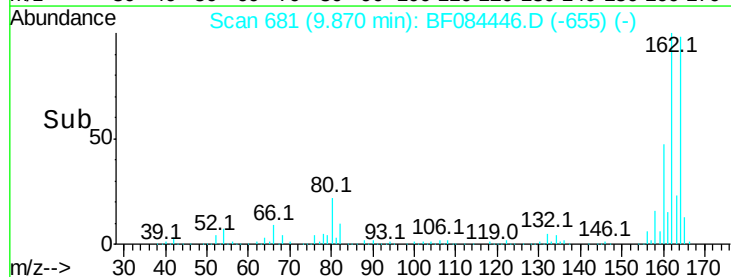
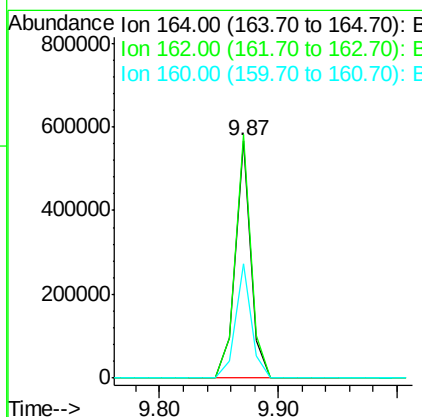
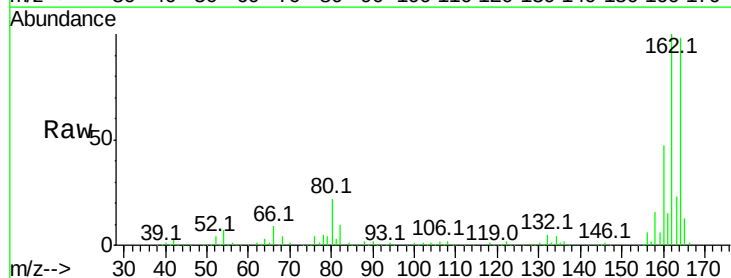
Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.6	51.8
54	51.3	38.4	57.6

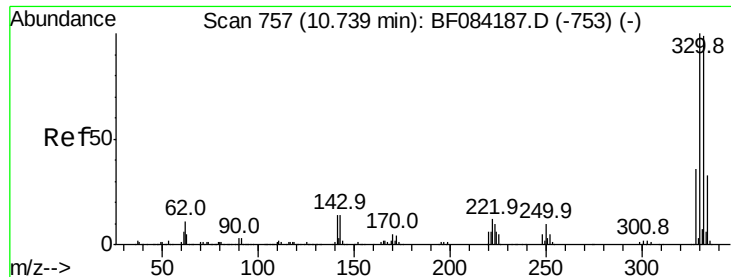


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084446.D
 Acq: 13 Jan 2016 17:26

Tgt Ion: 164 Resp: 517813

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	47.9	37.5	56.3

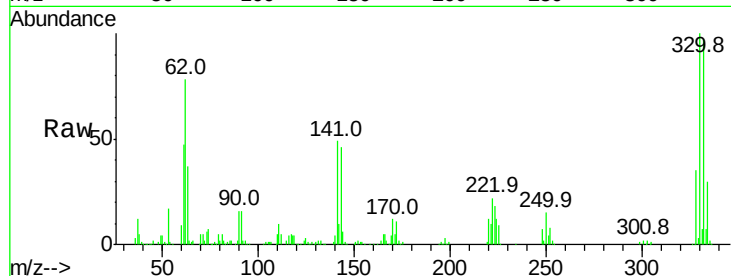




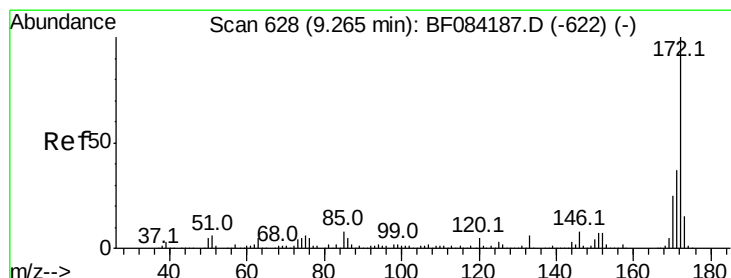
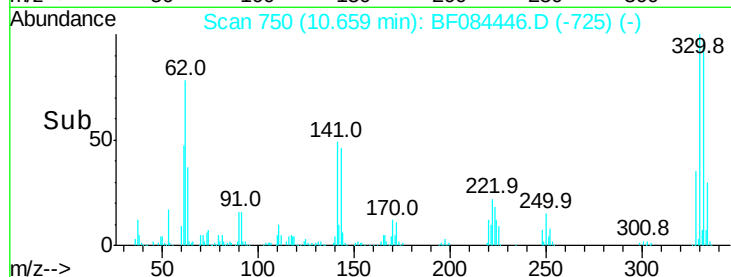
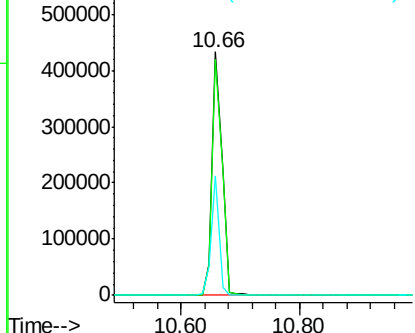
#41
 2,4,6-Tribromophenol
 Concen: 95.63 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084446.D
 Acq: 13 Jan 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB87794BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	39.0	27.8	41.6

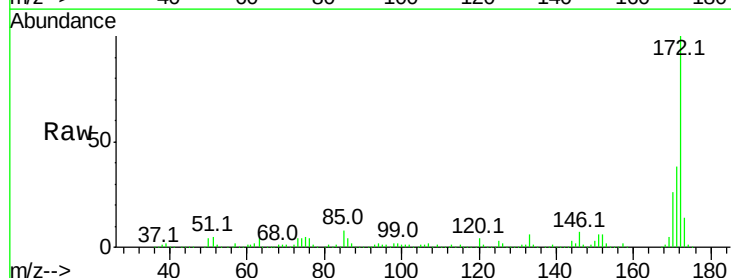


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

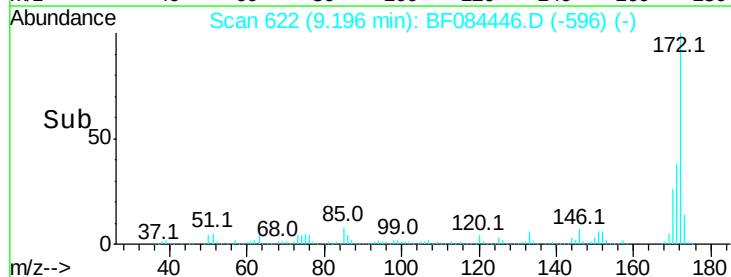
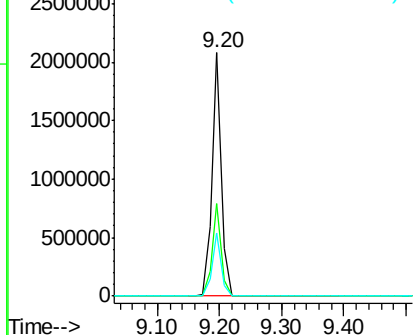


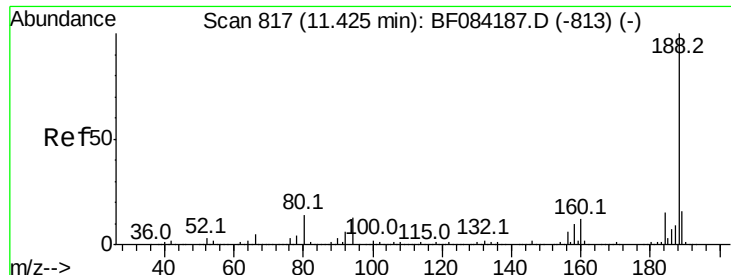
#44
 2-Fluorobiphenyl
 Concen: 71.56 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084446.D
 Acq: 13 Jan 2016 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	26.0	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

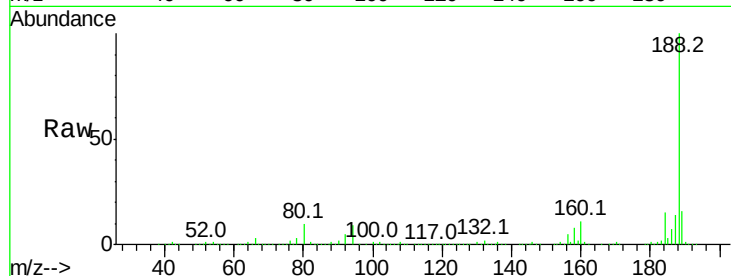




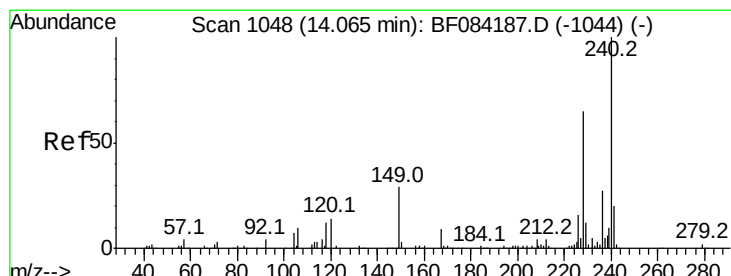
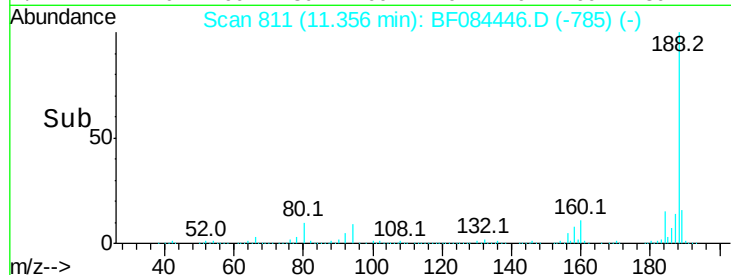
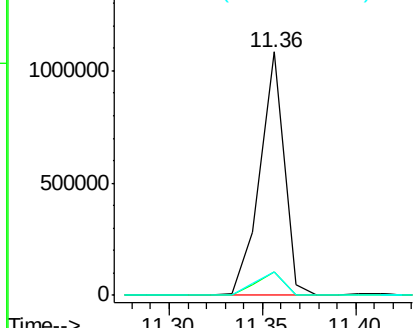
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF084446.D
 Acq: 13 Jan 2016 17:26

Instrument :
 BNA_F
 ClientSampleID :
 PB87794BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.6	9.6	14.4

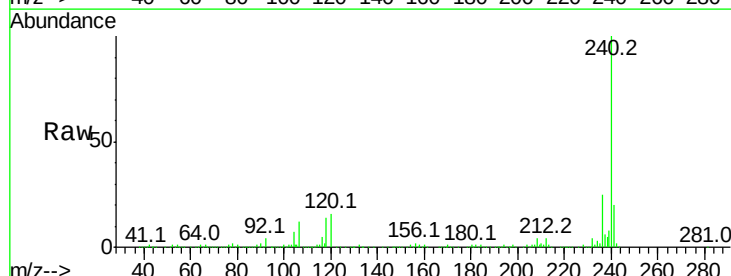


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

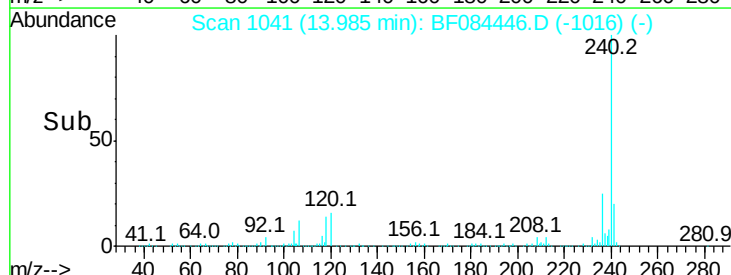
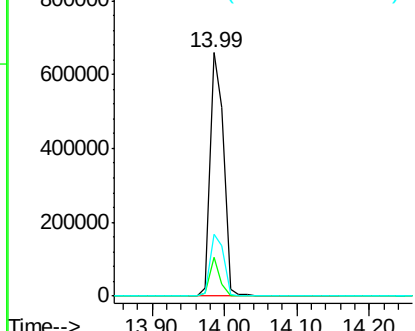


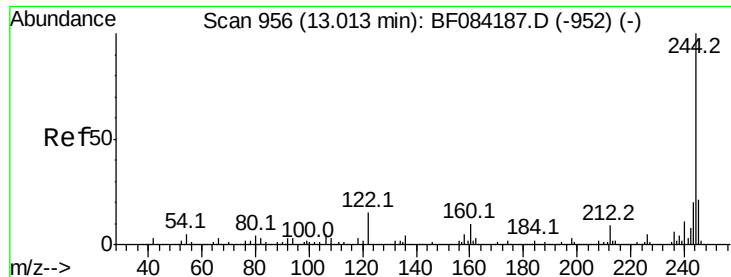
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF084446.D
 Acq: 13 Jan 2016 17:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	25.4	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

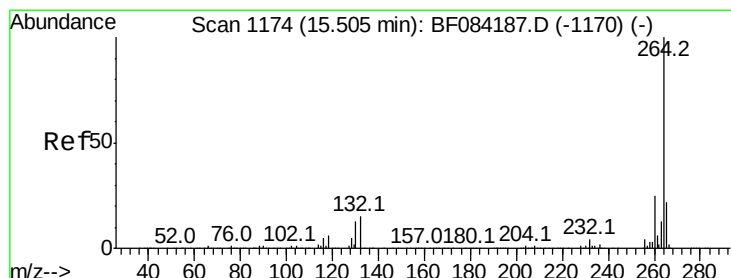
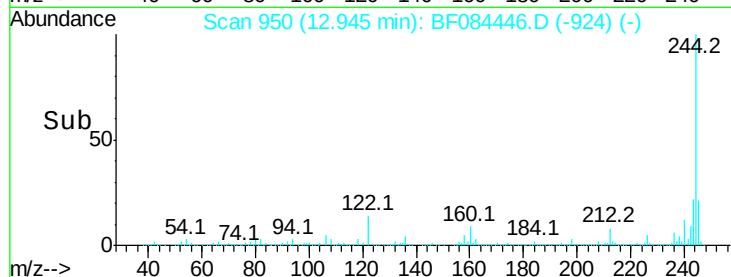
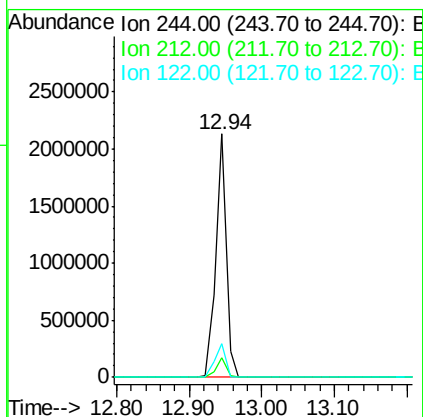
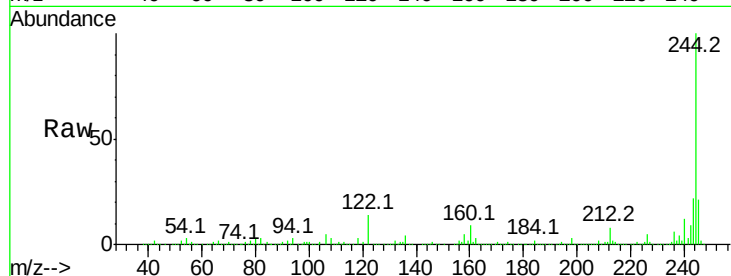




#78
 Terphenyl-d14
 Concen: 56.74 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF084446.D
 Acq: 13 Jan 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB87794BL

Tot Ion:244 Resp: 2140129
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 14.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF084446.D
 Acq: 13 Jan 2016 17:26

Tgt Ion:264 Resp: 617699
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.8 17.8 26.6

