

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
 Data File : BF084792.D
 Acq On : 3 Feb 2016 18:46
 Operator : SJ/IZ
 Sample : PB88148BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BL

Quant Time: Feb 04 00:45:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	180077	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	793627	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	353603	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	655788	20.00	ng	0.00
75) Chrysene-d12	13.84	240	562472	20.00	ng	0.00
86) Perylene-d12	15.21	264	393230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1257233	108.75	ng	0.01
7) Phenol-d6	6.34	99	1524124	106.34	ng	0.00
23) Nitrobenzene-d5	7.25	82	917855	65.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	396311	107.45	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1894661	93.28	ng	0.00
78) Terphenyl-d14	12.80	244	1809582	72.90	ng	0.00

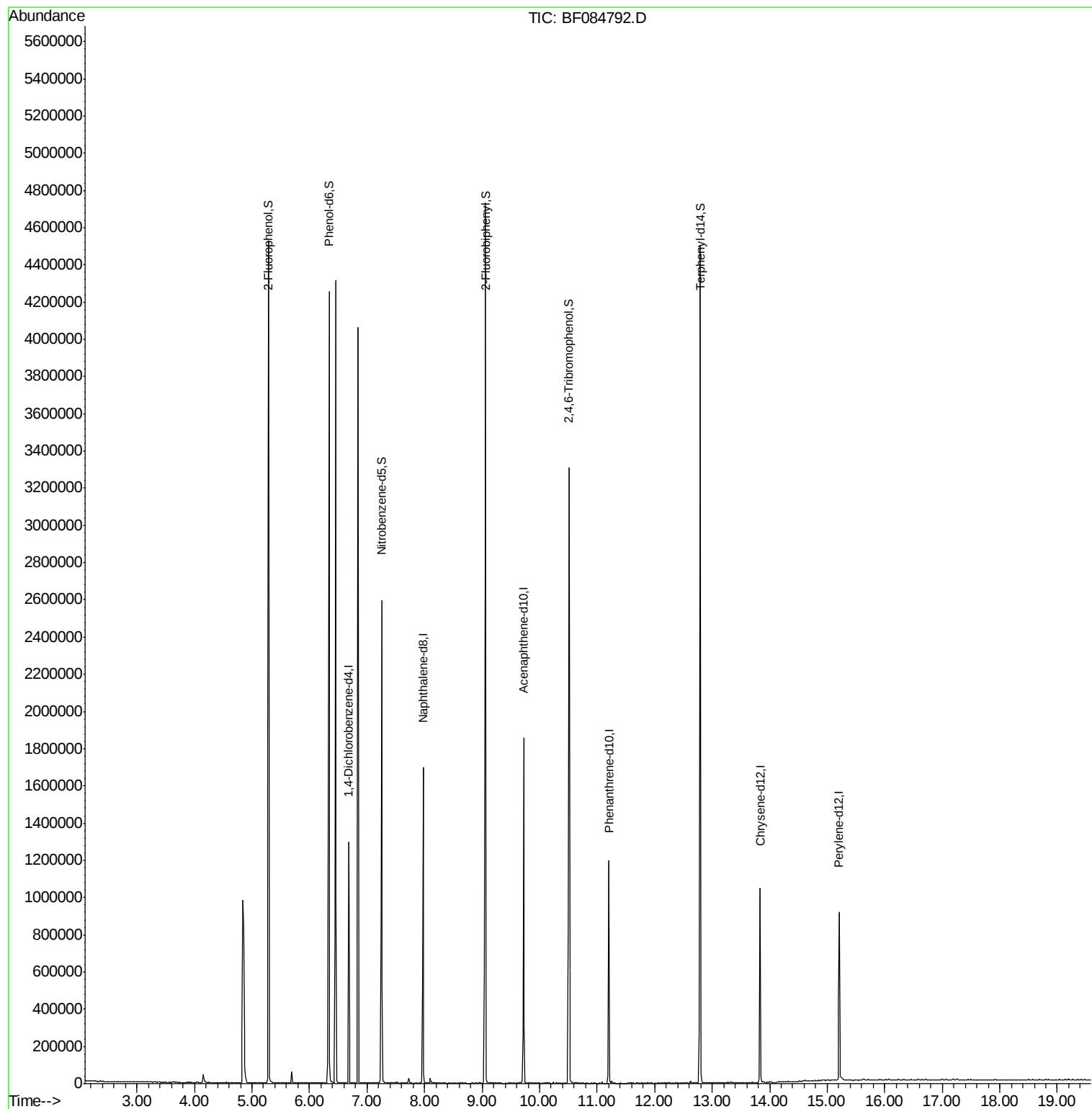
Target Compounds Qvalue

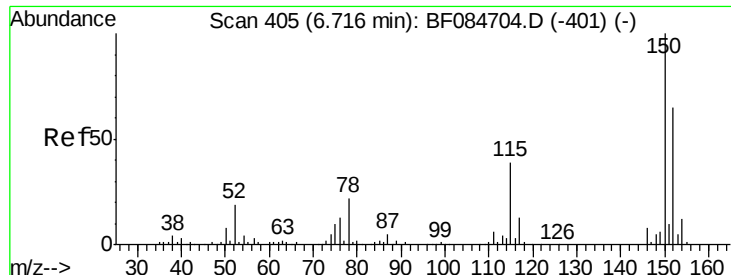
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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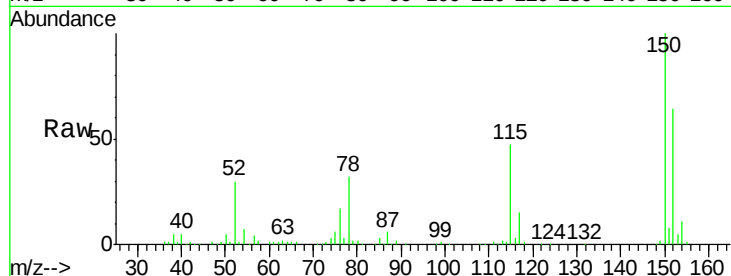


#1

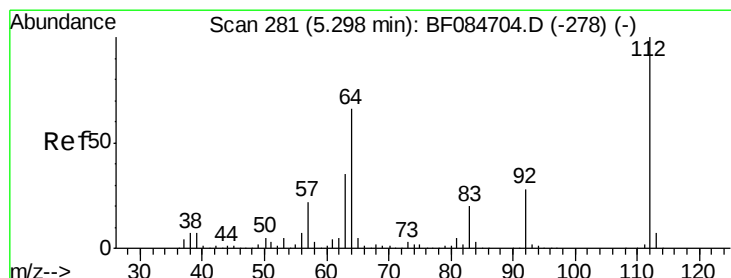
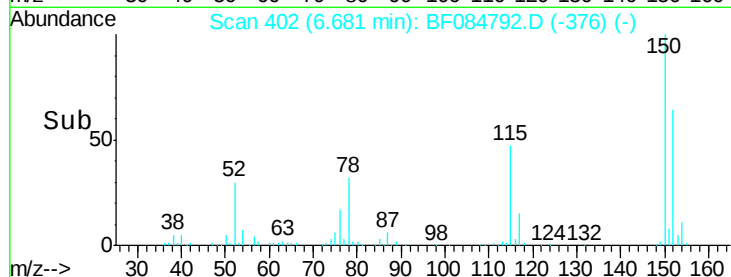
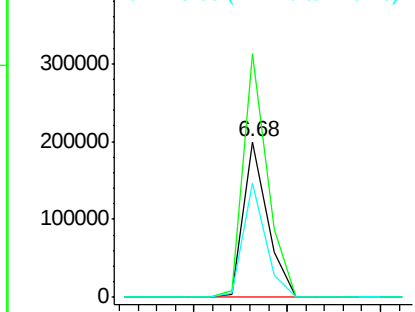
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB88148BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.0	184.4
115	73.3	51.4	77.2



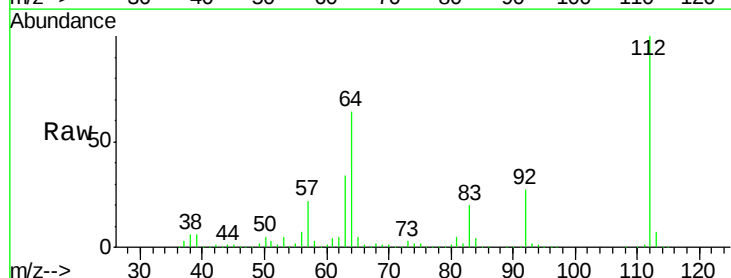
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



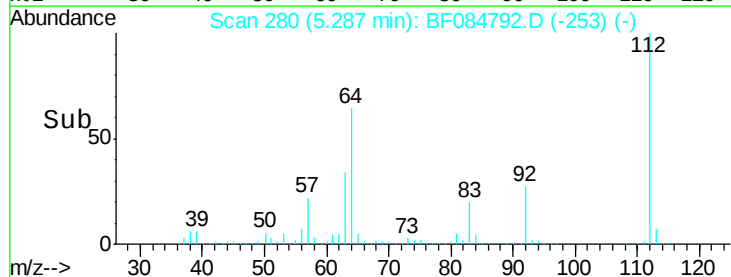
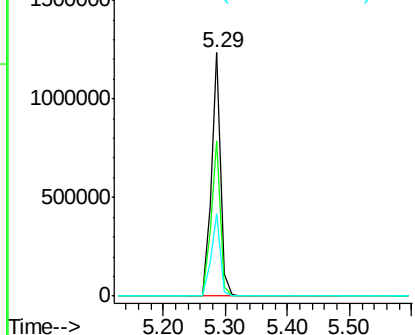
#5

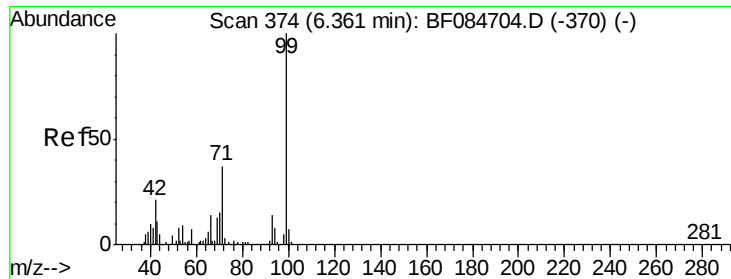
2-Fluorophenol
Concen: 108.75 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	36.6	55.0#
63	33.7	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: 106.34 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

Instrument :

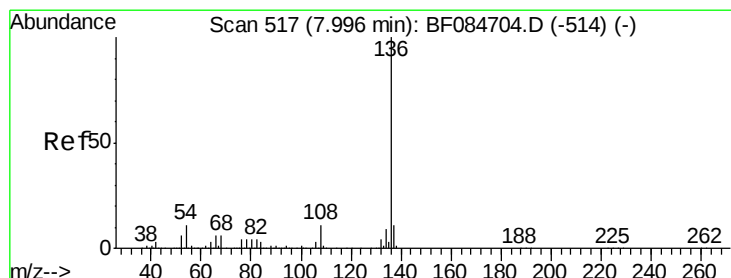
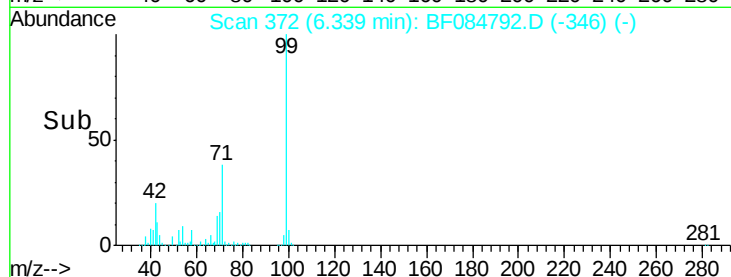
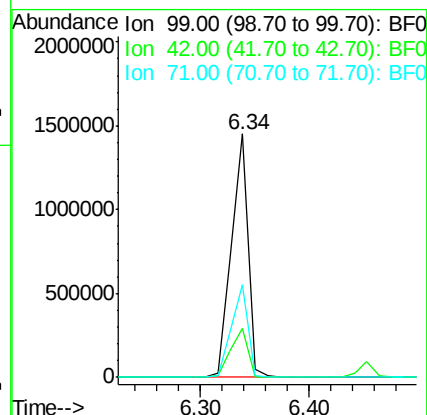
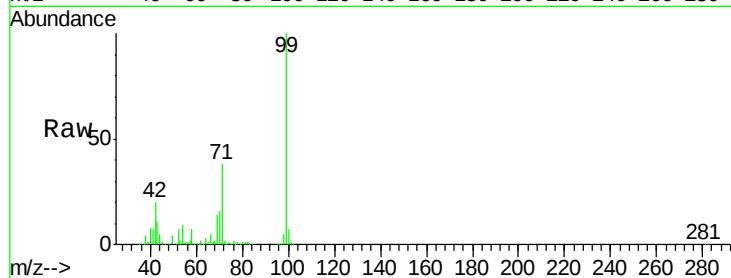
BNA_F

ClientSampleId :

PB88148BL

Tot Ion: 99 Resp: 1524124

Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	37.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

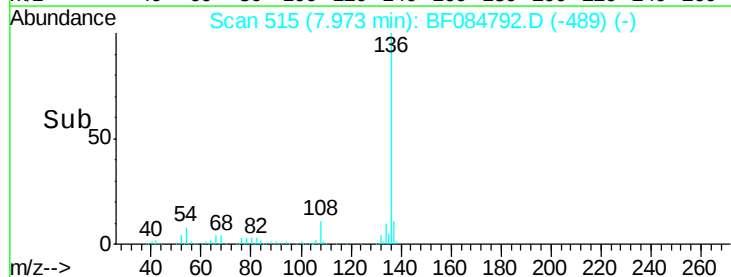
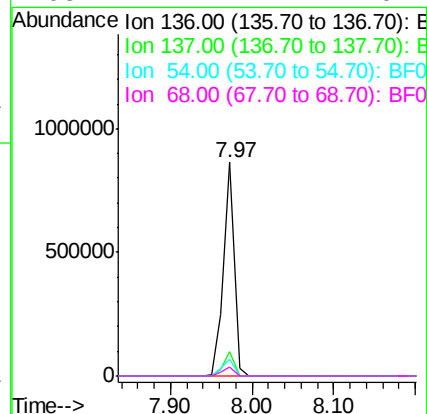
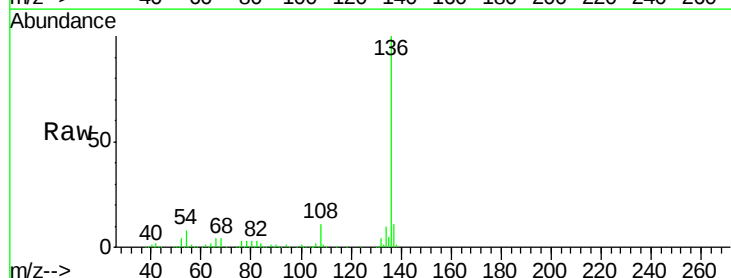
Delta R.T. -0.00 min

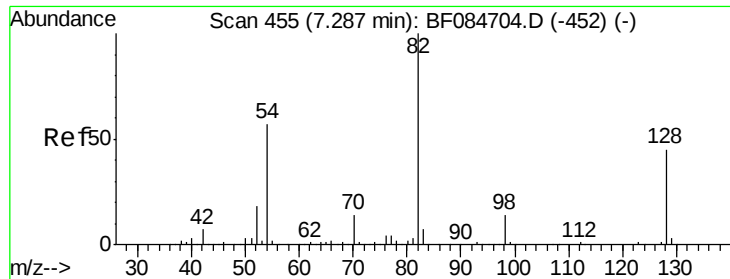
Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

Tgt Ion: 136 Resp: 793627

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.8	5.8	8.8
68	4.4	4.2	6.2

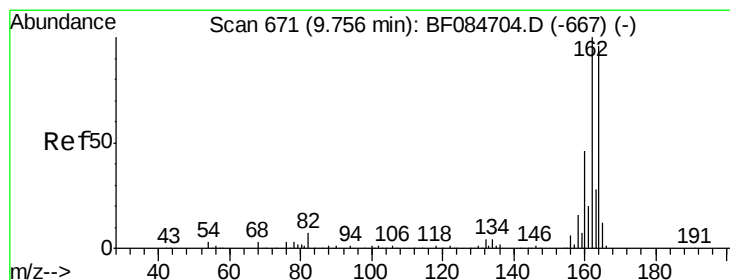
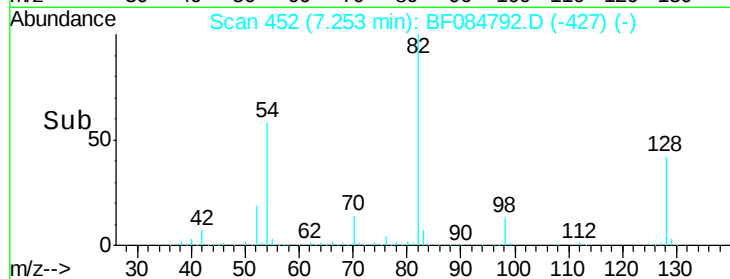
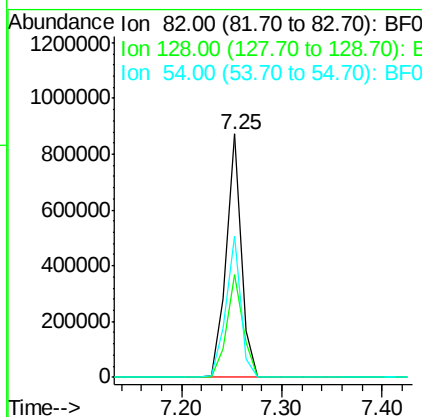
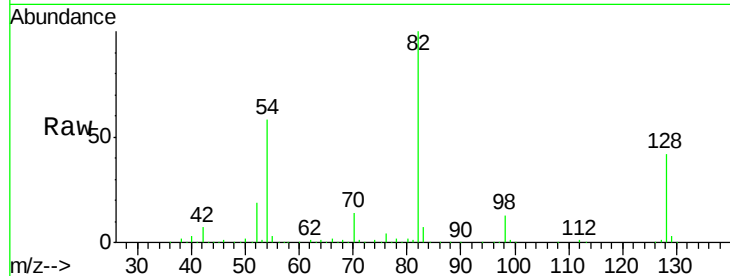




#23
Nitrobenzene-d5
Concen: 65.15 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

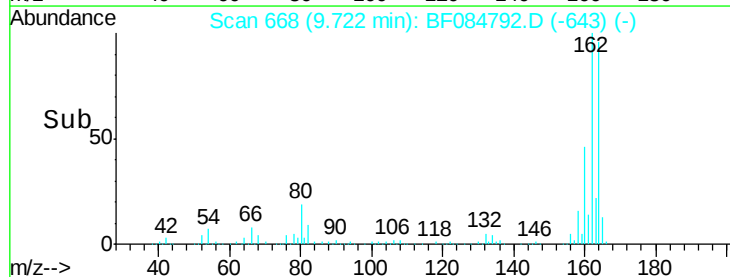
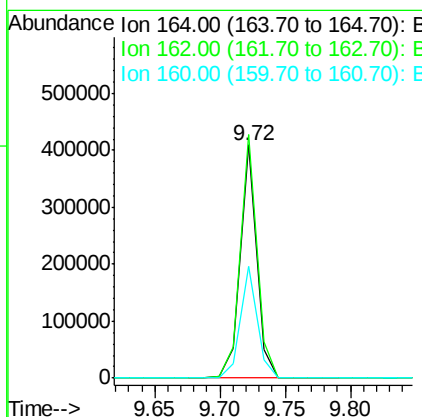
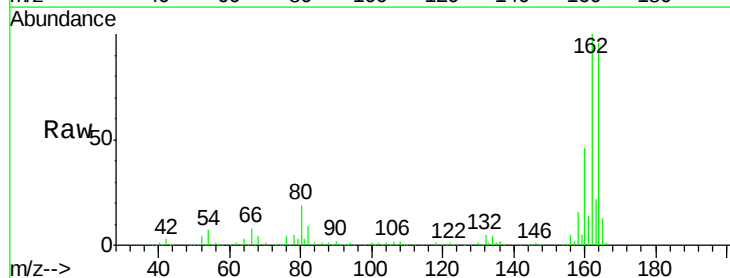
Instrument :
BNA_F
ClientSampleID :
PB88148BL

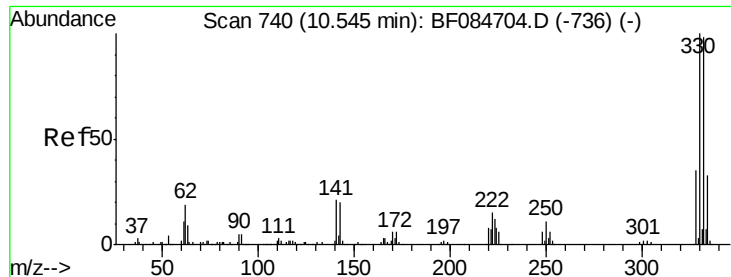
Tot Ion	82	Resp	917855
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.6	51.8
54	57.9	38.4	57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

Tgt Ion	164	Resp	353603
Ion Ratio	Lower	Upper	
164	100		
162	104.4	85.1	127.7
160	47.8	37.5	56.3

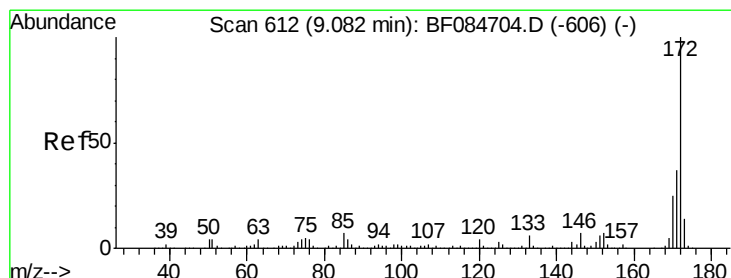
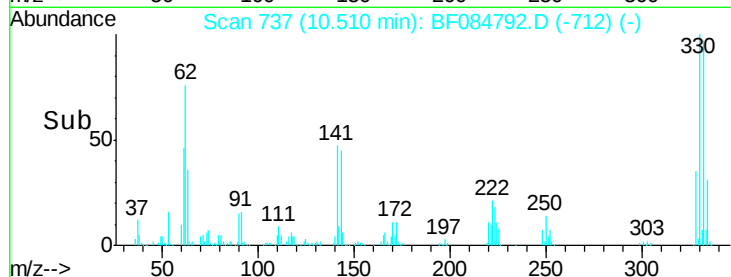
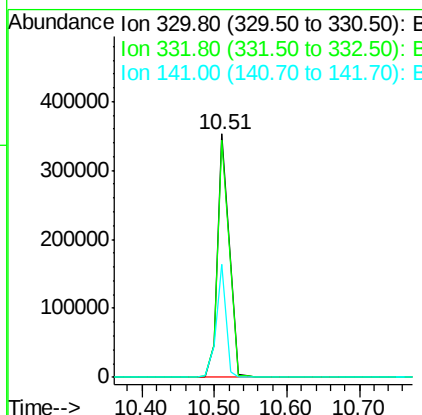
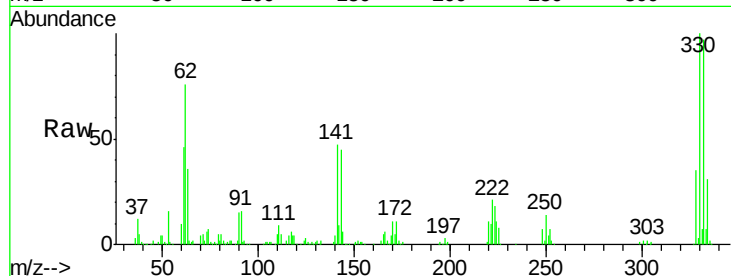




#41
 2,4,6-Tribromophenol
 Concen: 107.45 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084792.D
 Acq: 3 Feb 2016 18:46

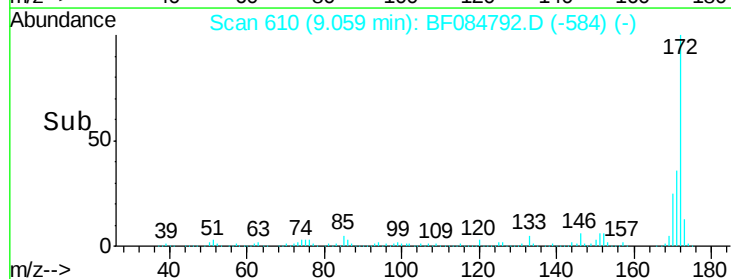
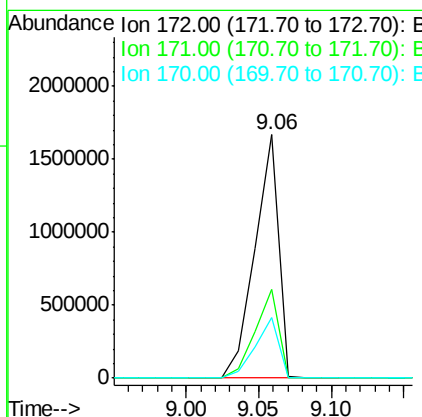
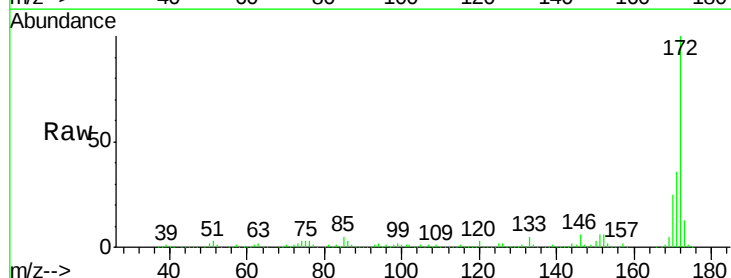
Instrument :
 BNA_F
 ClientSampleId :
 PB88148BL

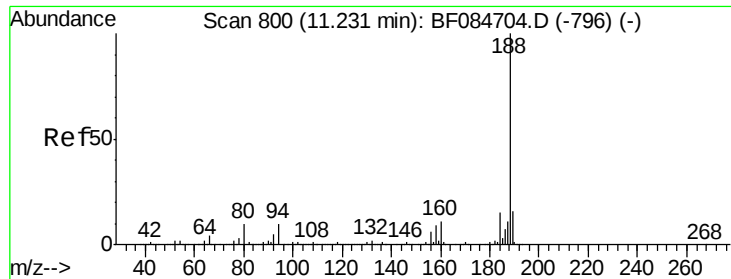
Tot Ion:330 Resp: 396311
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 38.5 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 93.28 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084792.D
 Acq: 3 Feb 2016 18:46

Tgt Ion:172 Resp: 1894661
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.9 18.6 27.8

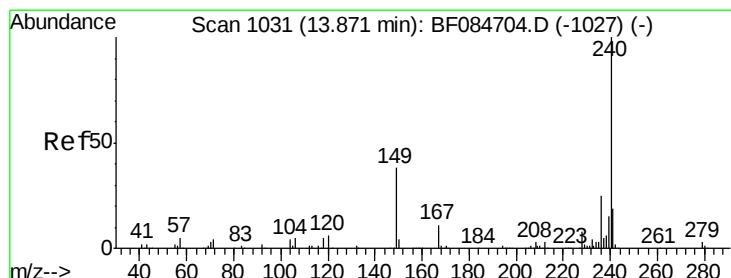
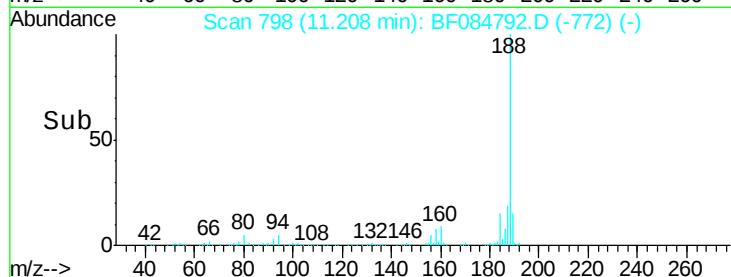
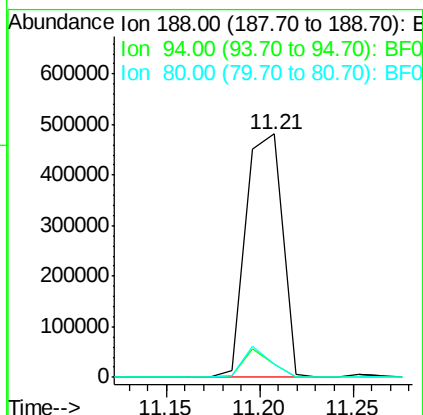
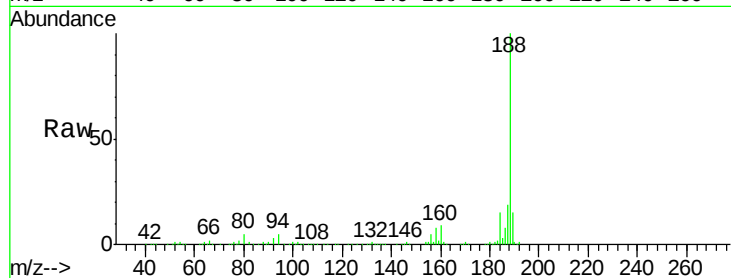




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

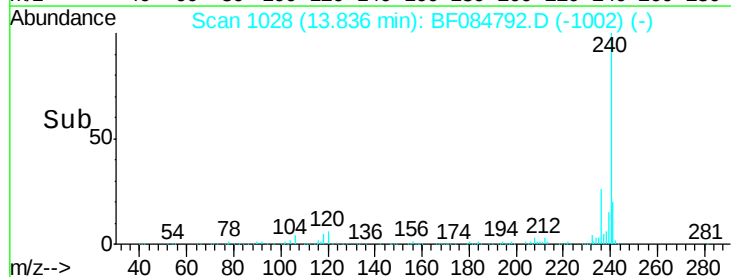
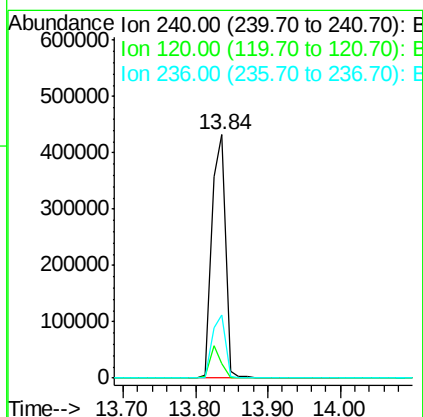
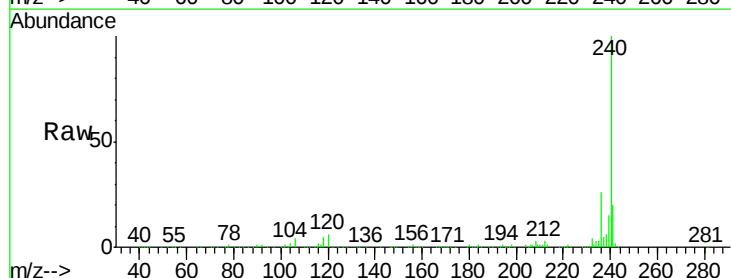
Instrument :
BNA_F
ClientSampleId :
PB88148BL

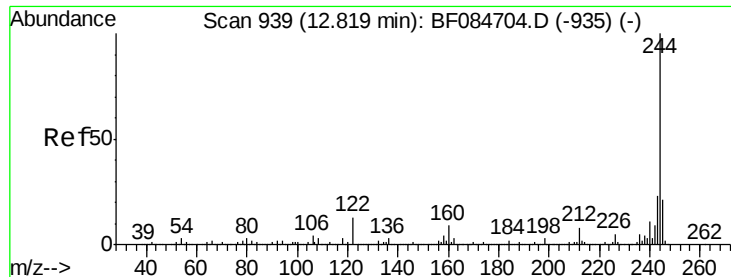
Tot Ion:188 Resp: 655788
Ion Ratio Lower Upper
188 100
94 5.2 9.0 13.4#
80 5.3 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

Tgt Ion:240 Resp: 562472
Ion Ratio Lower Upper
240 100
120 6.1 9.5 14.3#
236 26.1 20.6 31.0





#78

Terphenyl-d14

Concen: 72.90 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB88148BL

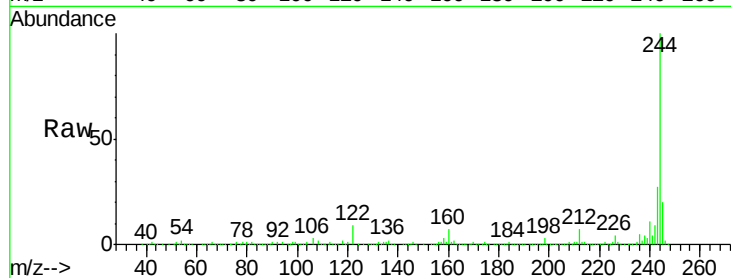
Tot Ion:244 Resp: 1809582

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	8.8	7.4	11.0

244 100

212 7.2 5.7 8.5

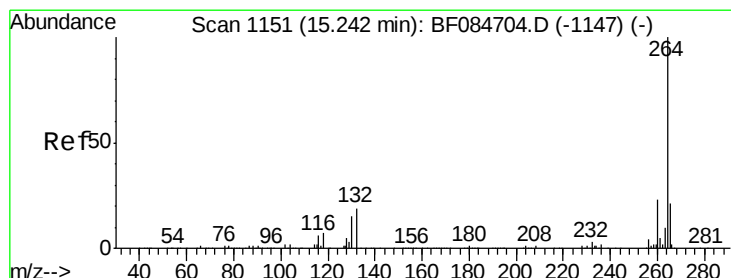
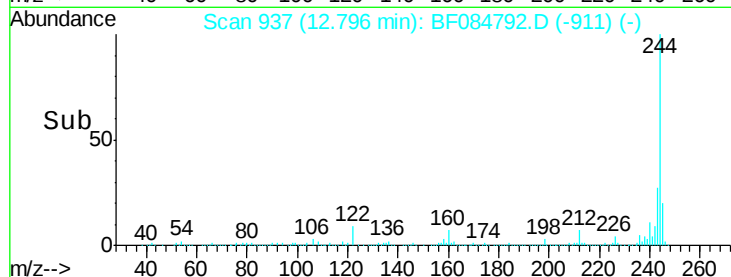
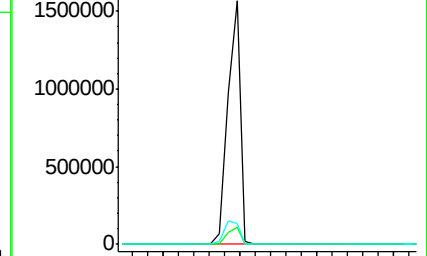
122 8.8 7.4 11.0



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: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

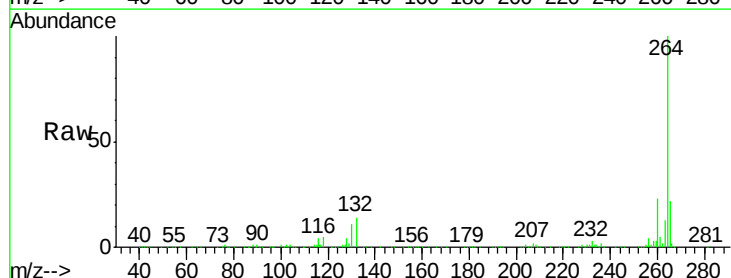
Tgt Ion:264 Resp: 393230

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.6	17.8	26.6

264 100

260 23.3 19.4 29.2

265 21.6 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

