

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092832.D
 Acq On : 7 Feb 2017 17:06
 Operator : SJ/MA
 Sample : PB96775TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96775TB

Quant Time: Feb 08 00:06:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	141522	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	562064	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	270744	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	371877	20.00	ng	0.00
75) Chrysene-d12	14.07	240	306097	20.00	ng	-0.01
86) Perylene-d12	15.53	264	258517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1073161	130.10	ng	0.01
7) Phenol-d6	6.56	99	1433301	135.04	ng	0.01
23) Nitrobenzene-d5	7.47	82	760012	75.30	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	230639	117.78	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1343232	89.88	ng	0.00
78) Terphenyl-d14	13.01	244	1022345	78.48	ng	-0.01

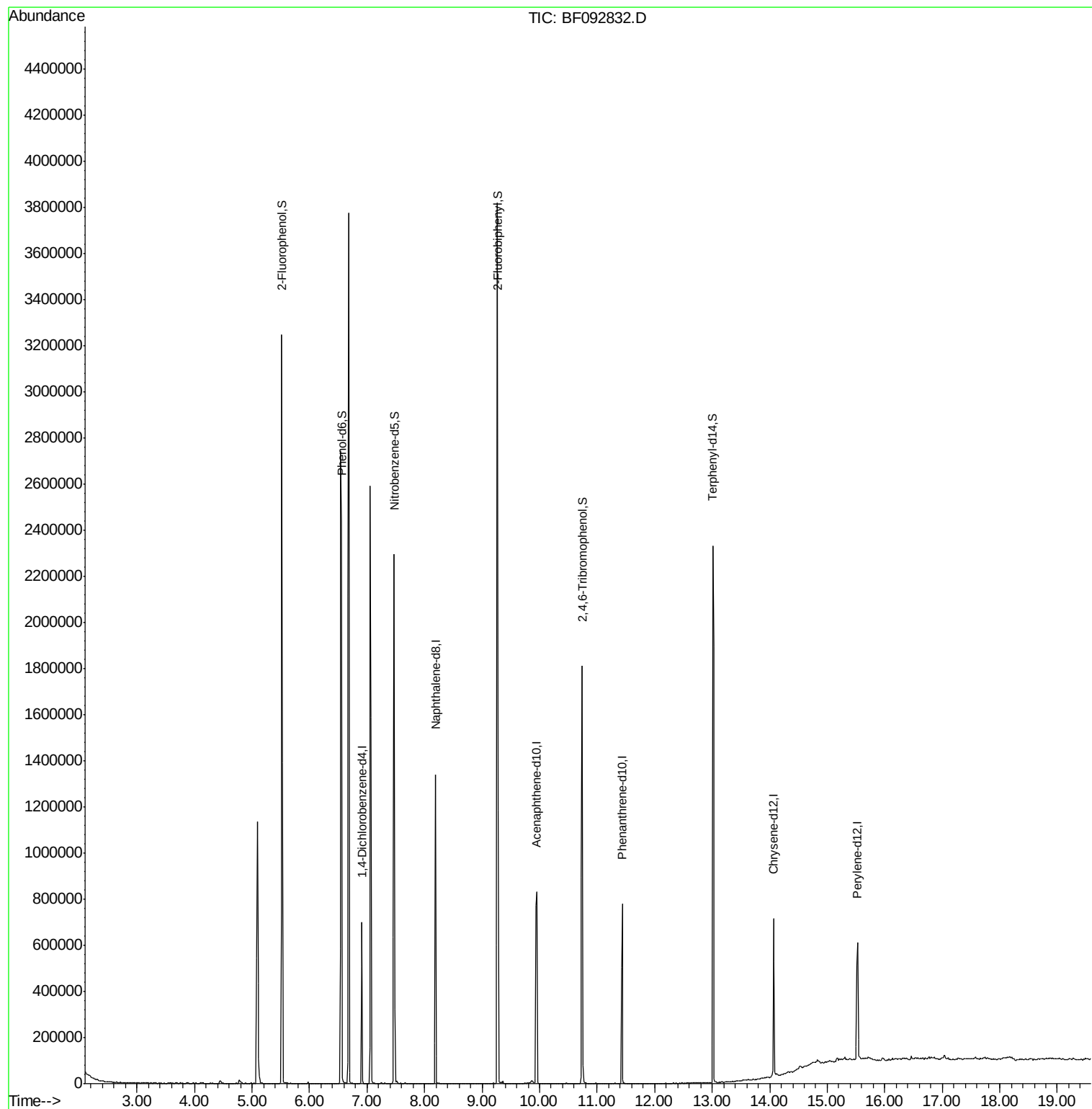
Target Compounds Qvalue

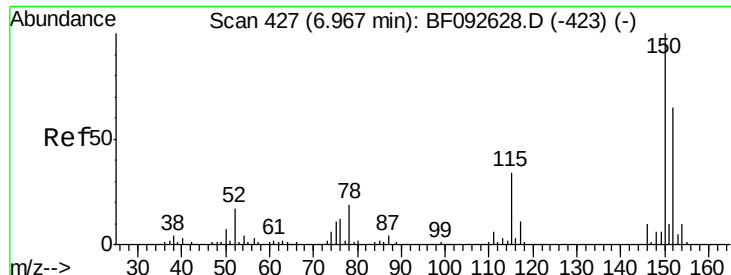
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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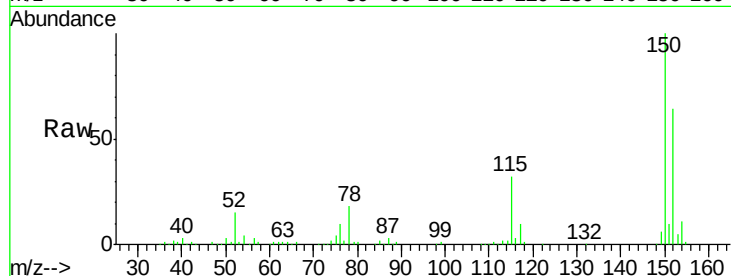


#1

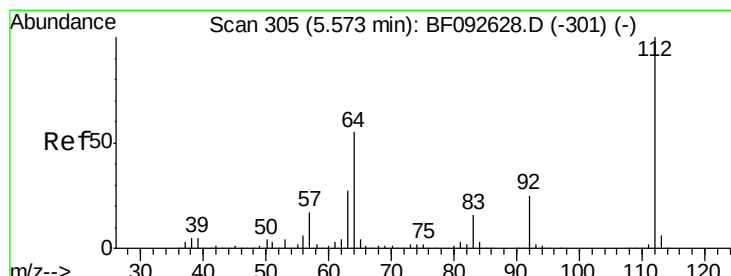
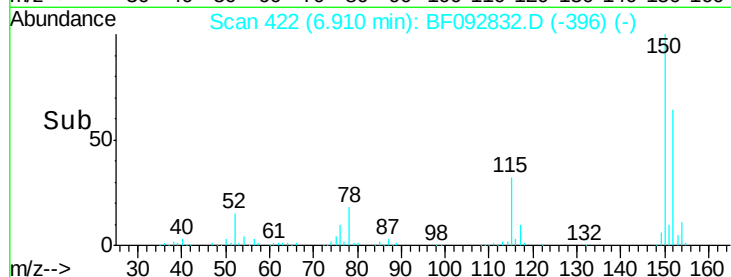
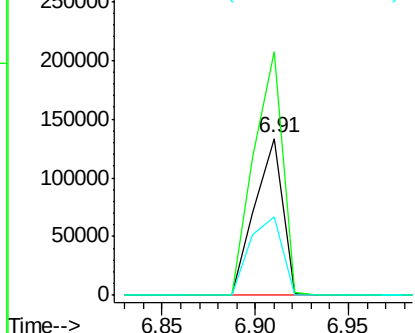
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

Instrument :
BNA_F
ClientSampleId :
PB96775TB

Tot Ion:152 Resp: 141522
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 49.9 46.0 69.0



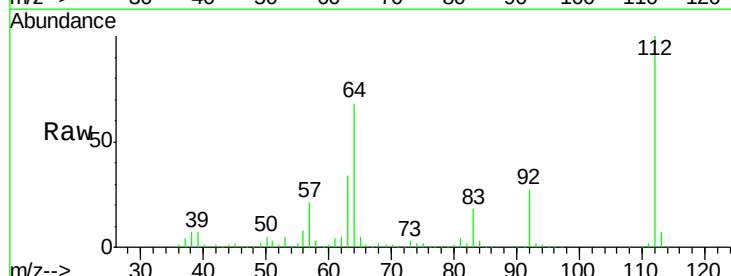
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



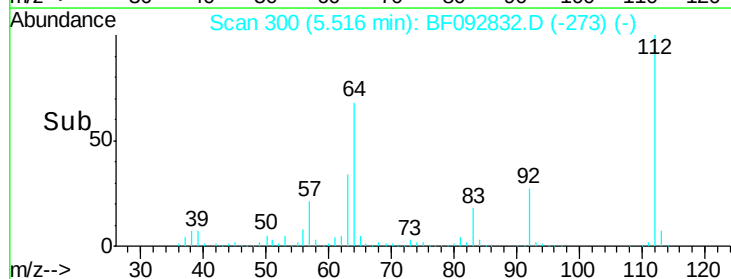
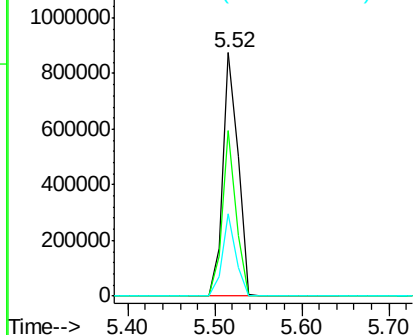
#5

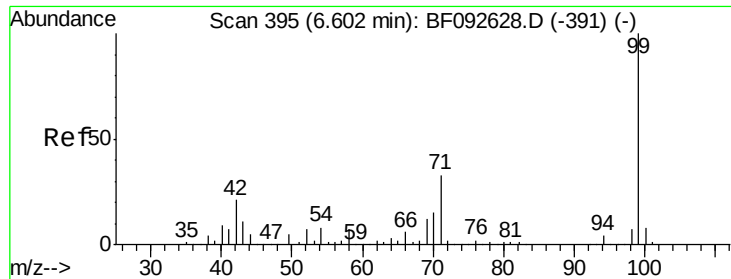
2-Fluorophenol
Concen: 130.10 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

Tgt Ion:112 Resp: 1073161
Ion Ratio Lower Upper
112 100
64 68.1 46.1 69.1
63 33.8 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: 135.04 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092832.D

Acq: 7 Feb 2017 17:06

Instrument :

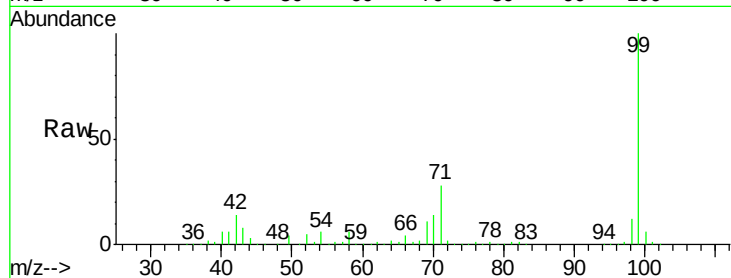
BNA_F

ClientSampleId :

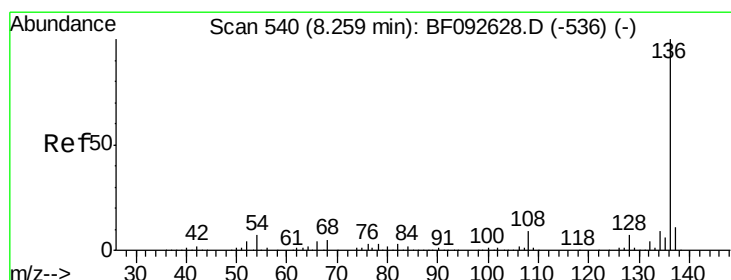
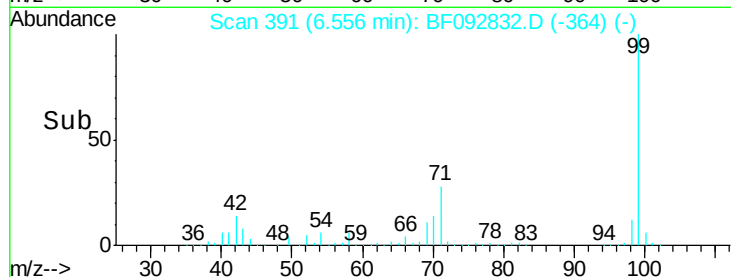
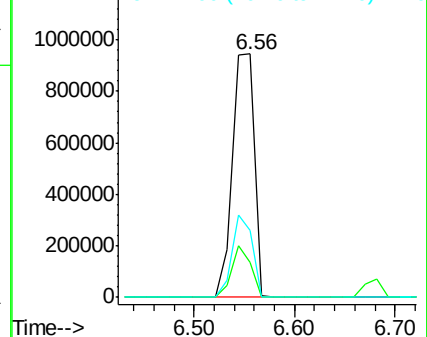
PB96775TB

Tot Ion: 99 Resp: 1433301

Ion	Ratio	Lower	Upper
99	100		
42	14.4	15.6	23.4#
71	27.7	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: 8.19 min Scan# 534

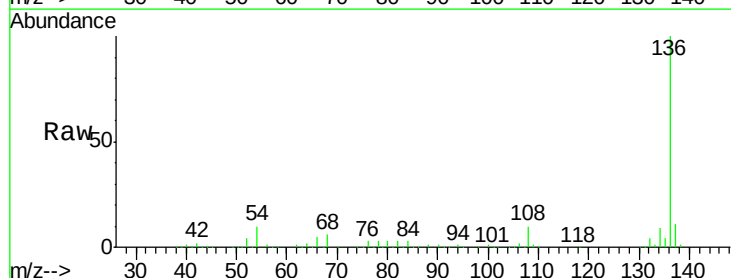
Delta R.T. -0.00 min

Lab File: BF092832.D

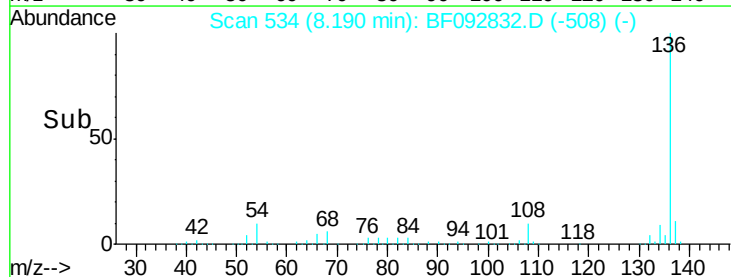
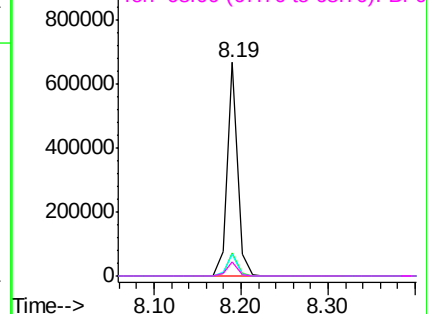
Acq: 7 Feb 2017 17:06

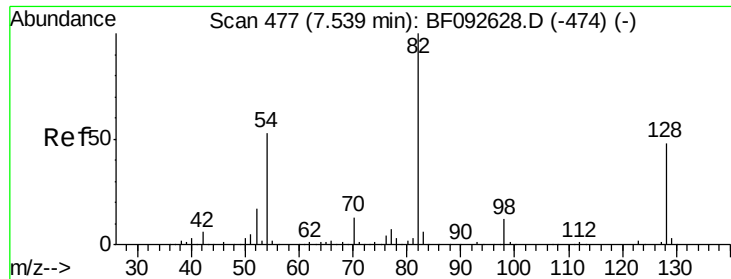
Tgt Ion: 136 Resp: 562064

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.0	4.5	6.7#
68	6.5	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

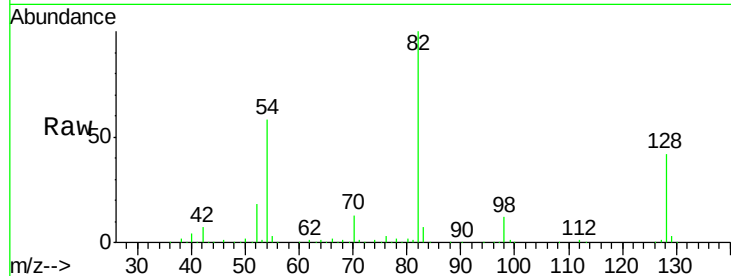




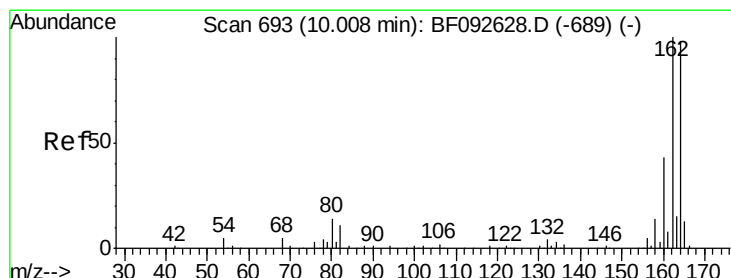
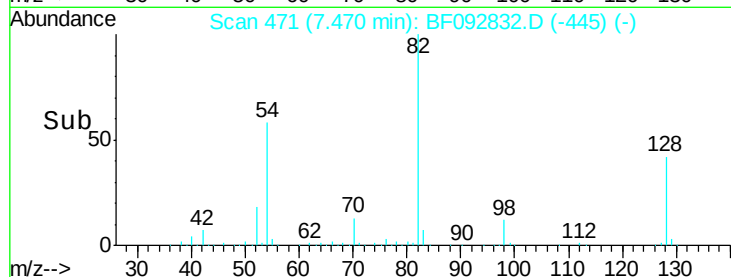
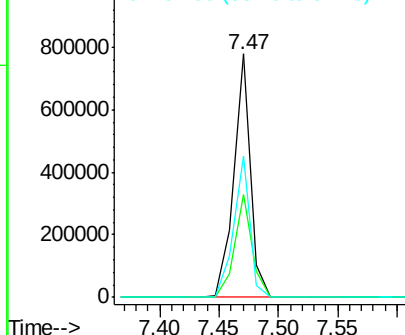
#23
 Nitrobenzene-d5
 Concen: 75.30 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96775TB

Tot Ion: 82 Resp: 760012
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 58.1 39.5 59.3

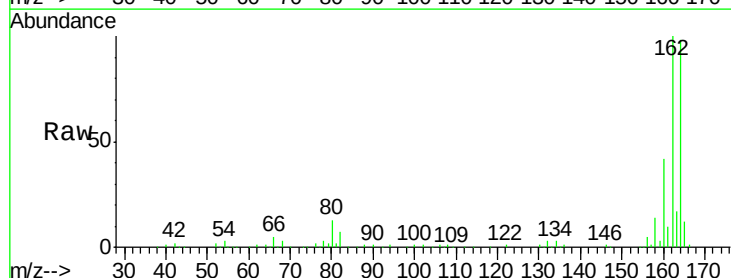


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

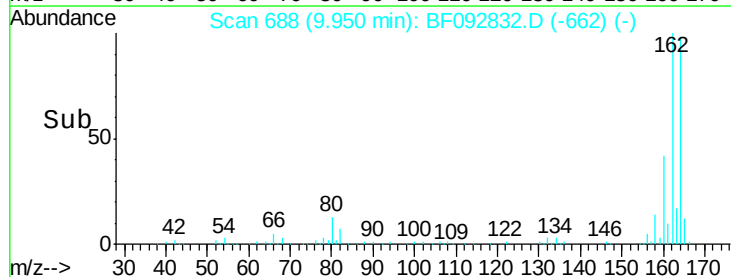
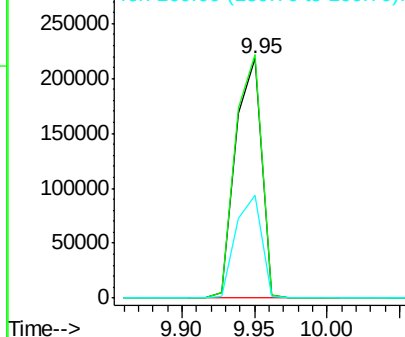


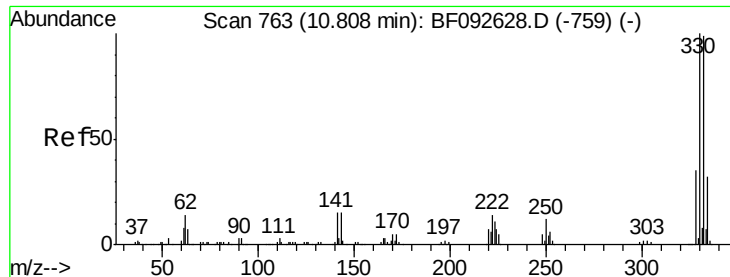
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

Tgt Ion: 164 Resp: 270744
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 43.2 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

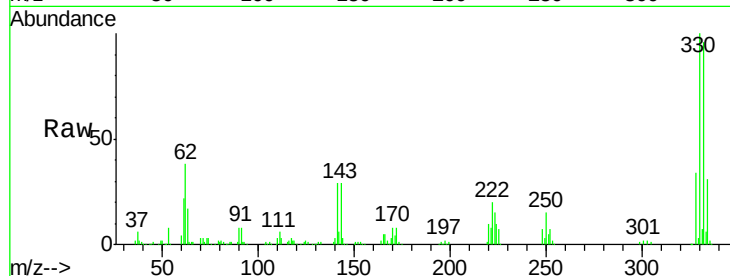




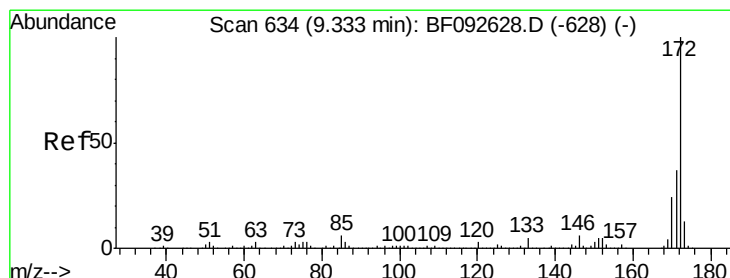
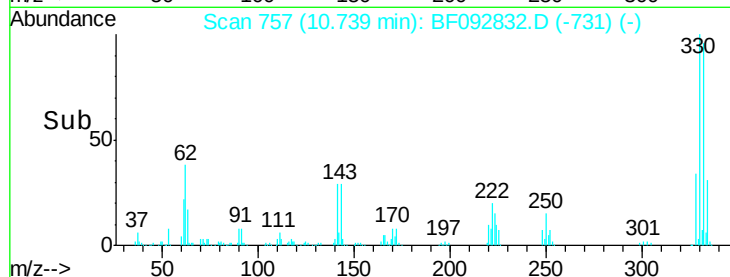
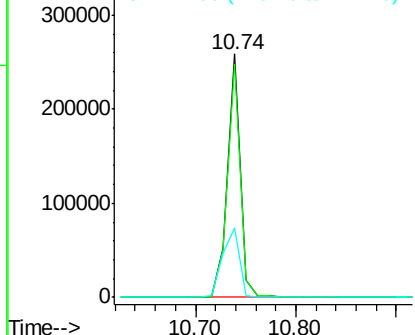
#41
 2,4,6-Tribromophenol
 Concen: 117.78 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB96775TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	37.3	34.1	51.1

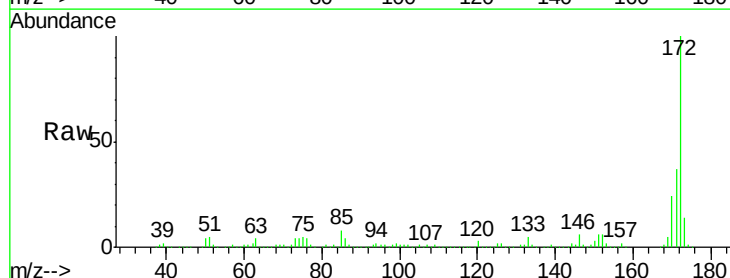


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

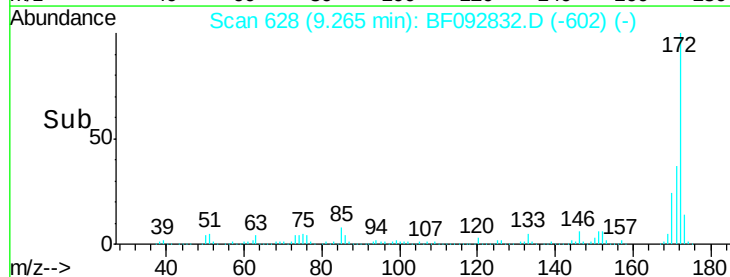
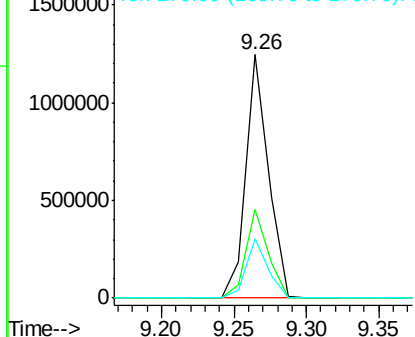


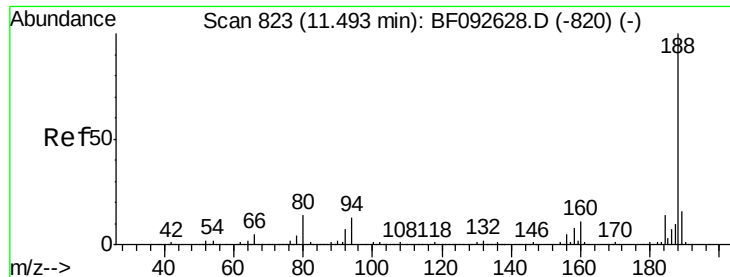
#44
 2-Fluorobiphenyl
 Concen: 89.88 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092832.D
 Acq: 7 Feb 2017 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.4	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

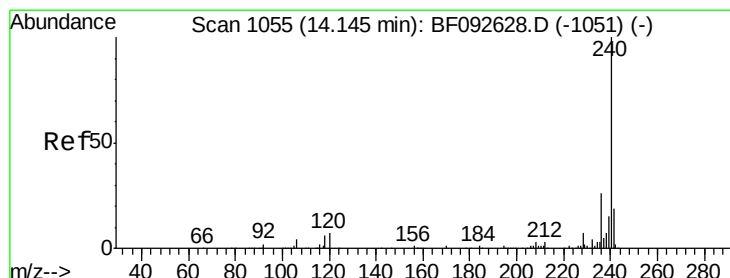
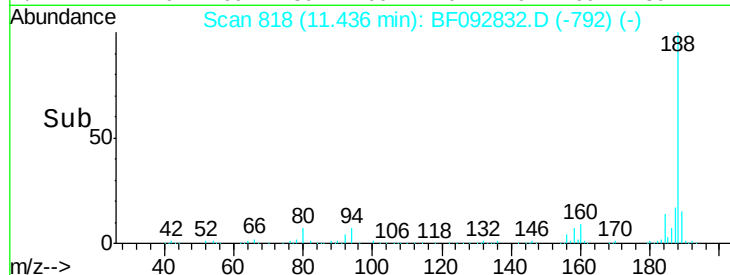
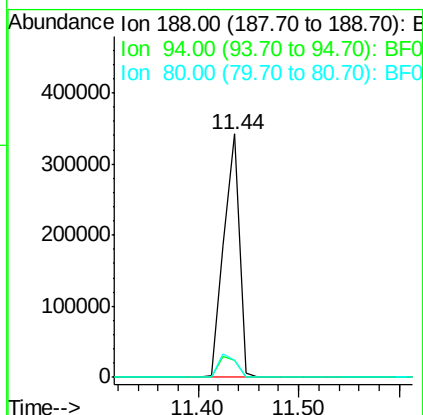
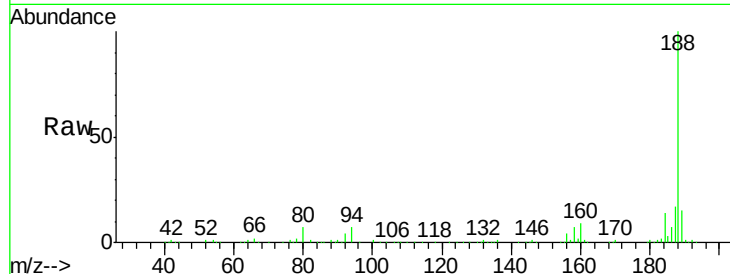




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

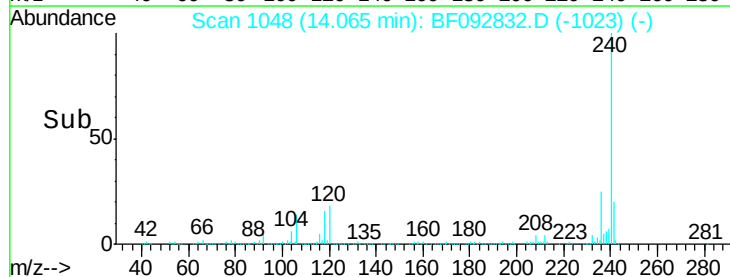
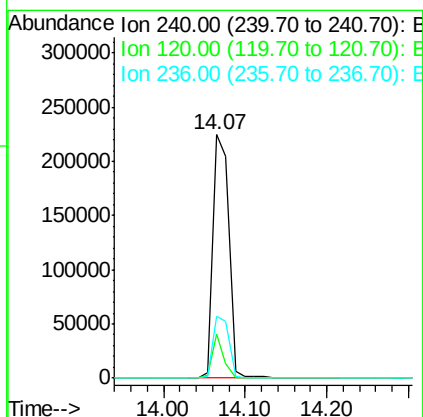
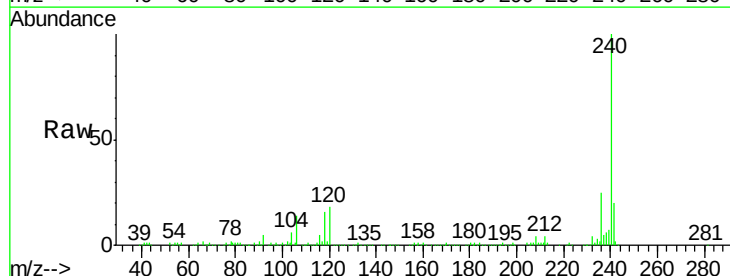
Instrument :
BNA_F
ClientSampleId :
PB96775TB

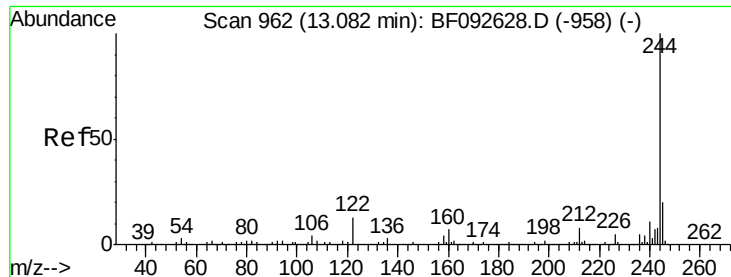
Tot Ion:188 Resp: 371877
Ion Ratio Lower Upper
188 100
94 6.9 10.0 15.0#
80 7.1 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF092832.D
Acq: 7 Feb 2017 17:06

Tgt Ion:240 Resp: 306097
Ion Ratio Lower Upper
240 100
120 18.0 12.9 19.3
236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 78.48 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF092832.D

Acq: 7 Feb 2017 17:06

Instrument :

BNA_F

ClientSampleId :

PB96775TB

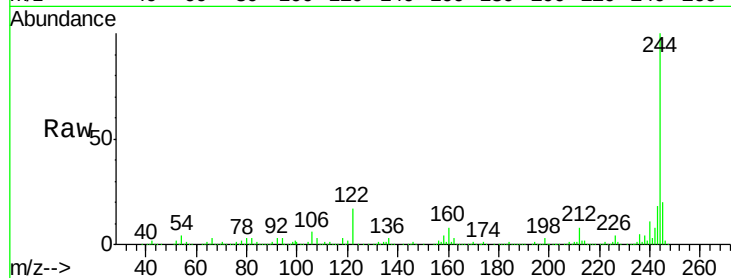
Tot Ion:244 Resp: 1022345

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

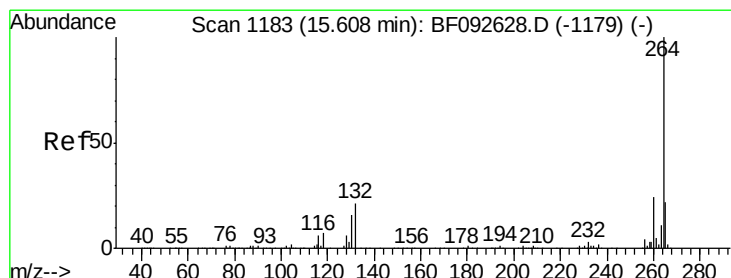
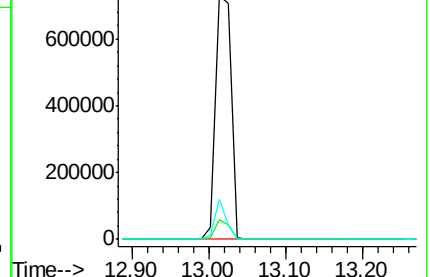
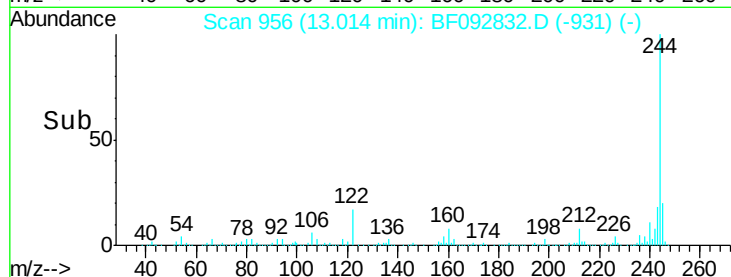
122 16.6 11.4 17.2



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: 15.53 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF092832.D

Acq: 7 Feb 2017 17:06

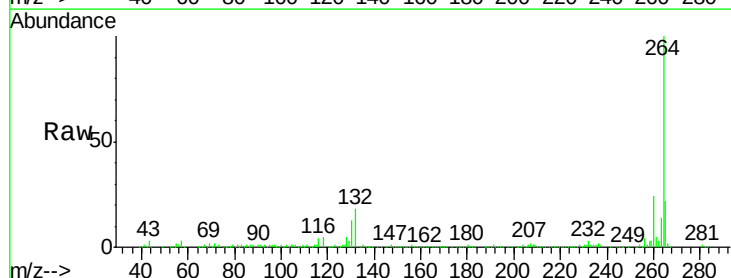
Tgt Ion:264 Resp: 258517

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.9 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

