

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085781.D
 Acq On : 26 Mar 2016 00:35
 Operator : UM/SJ
 Sample : H1834-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13

Quant Time: Mar 26 03:24:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

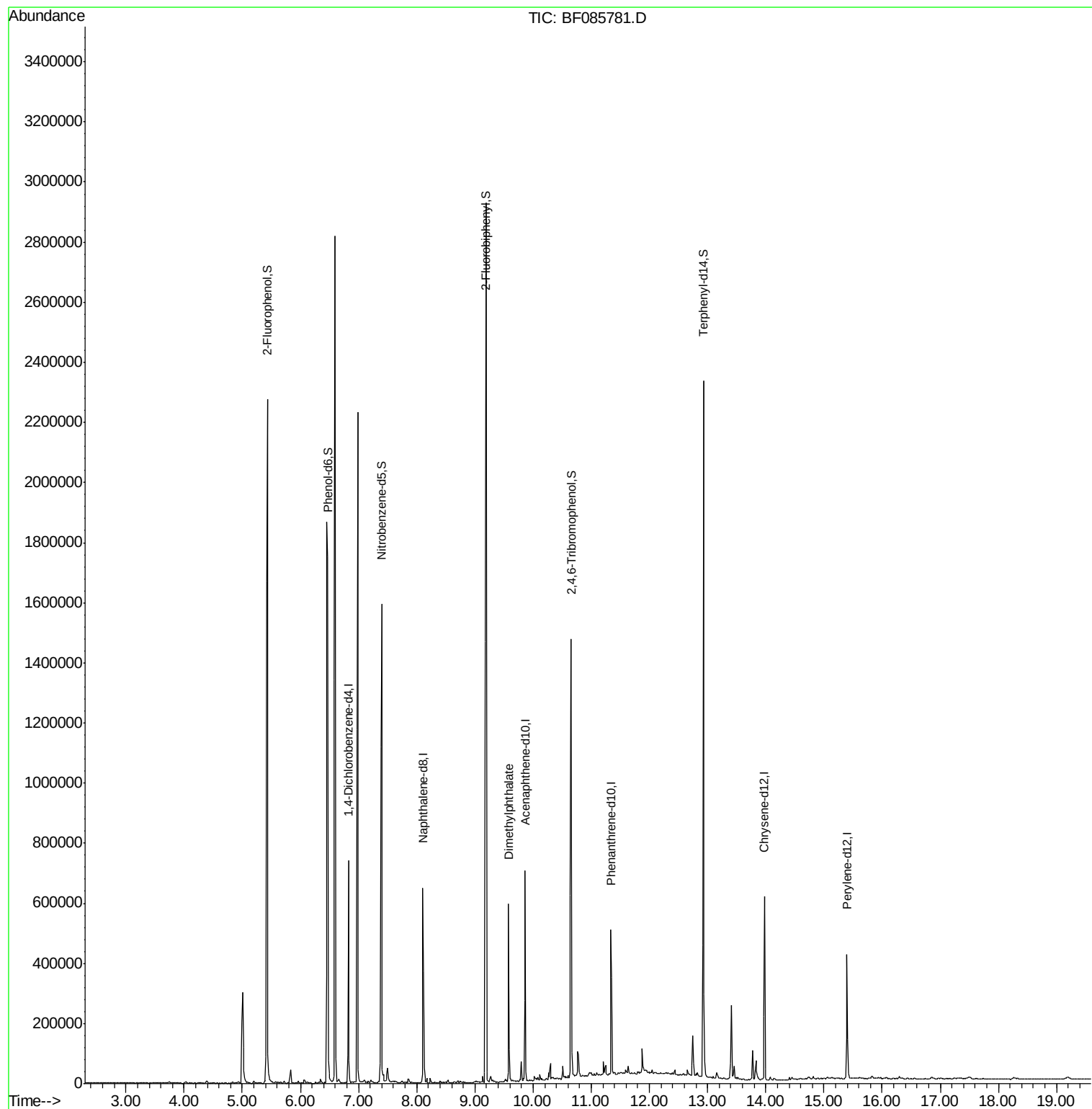
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	105759	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	366223	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	147713	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	221354	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	217574	20.00	ng	0.00
86) Perylene-d12	15.40	264	175881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	902179	142.07	ng	0.02
7) Phenol-d6	6.47	99	1111336	137.64	ng	0.01
23) Nitrobenzene-d5	7.40	82	709068	109.03	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	195280	139.14	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1056799	119.53	ng	0.00
78) Terphenyl-d14	12.93	244	675254	63.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	213023	19.01	ng	Qvalue 99

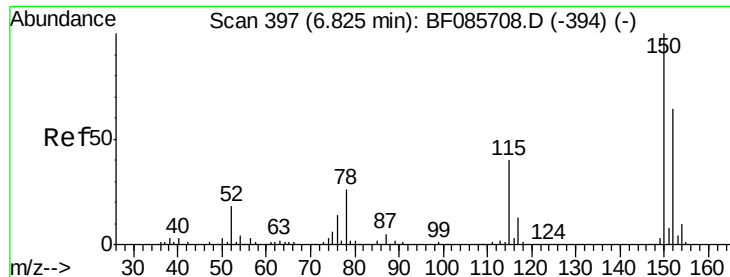
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Instrument :

BNA_F

ClientSampleId :

13

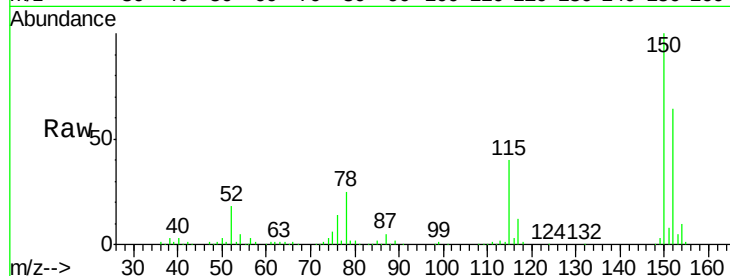
Tot Ion:152 Resp: 105759

Ion Ratio Lower Upper

152 100

150 156.0 124.2 186.2

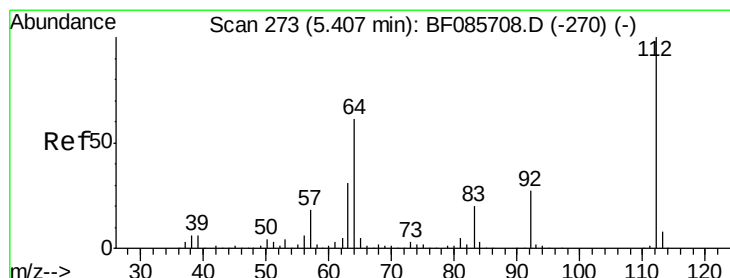
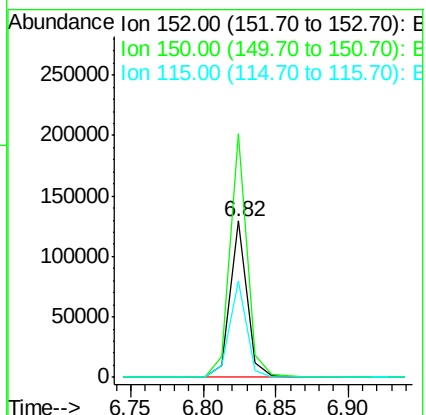
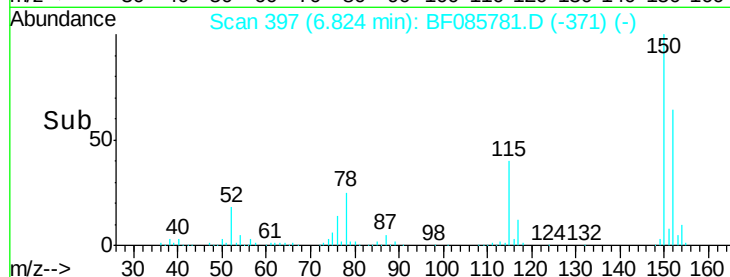
115 62.0 47.0 70.6



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: 142.07 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

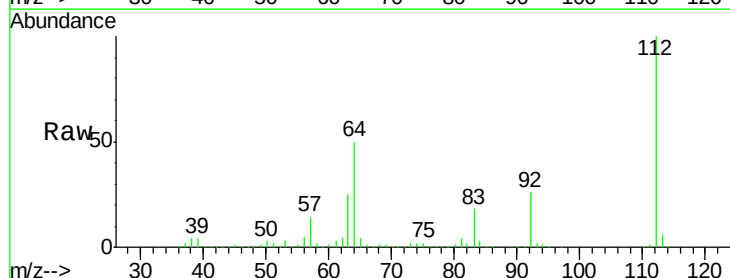
Tgt Ion:112 Resp: 902179

Ion Ratio Lower Upper

112 100

64 49.6 39.9 59.9

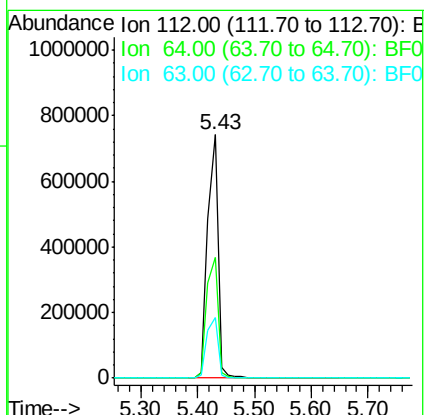
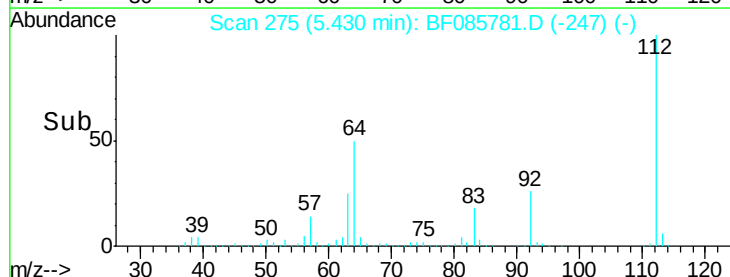
63 24.7 20.2 30.2

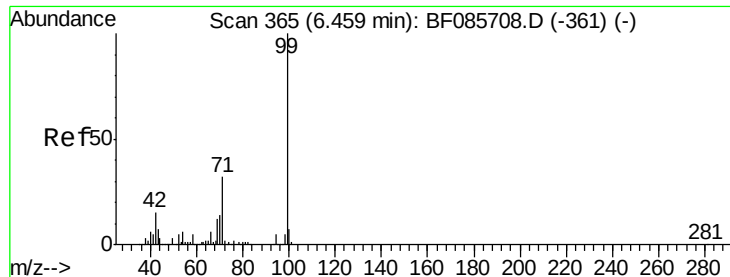


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.64 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Instrument :

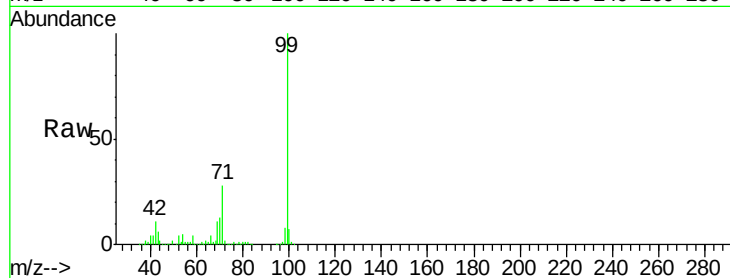
BNA_F

ClientSampleId :

13

Tot Ion: 99 Resp: 1111336

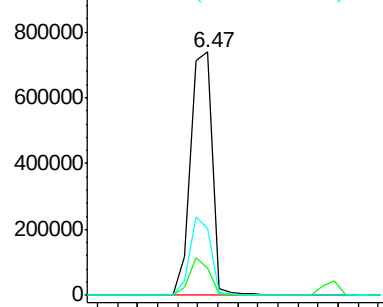
Ion	Ratio	Lower	Upper
99	100		
42	11.0	11.1	16.7#
71	27.6	24.9	37.3



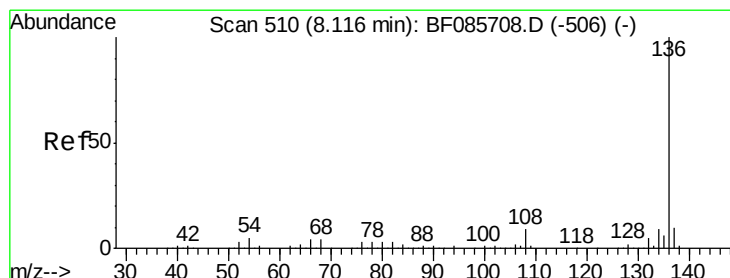
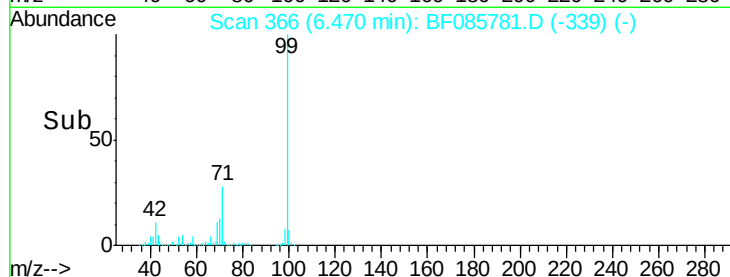
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Tgt Ion: 136 Resp: 366223

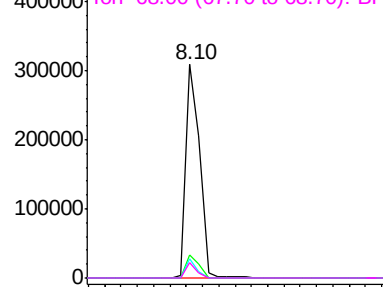
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.8	7.4	11.0
68	7.0	5.8	8.8

Abundance Ion 136.00 (135.70 to 136.70): E

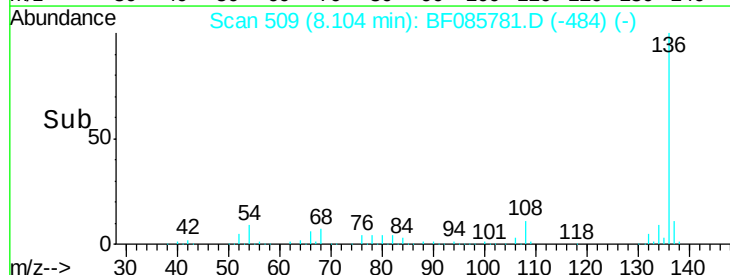
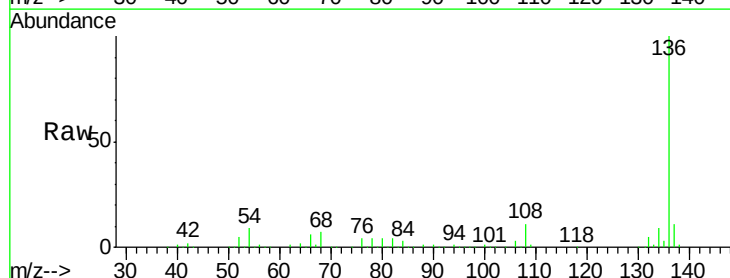
Ion 137.00 (136.70 to 137.70): E

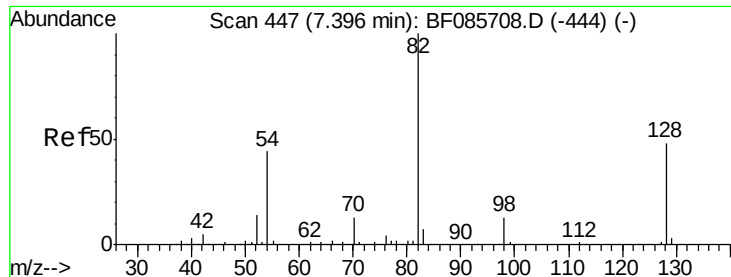
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

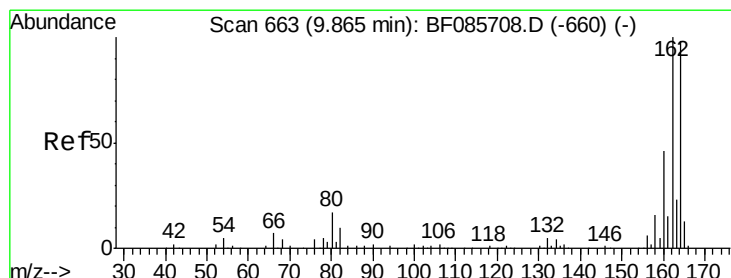
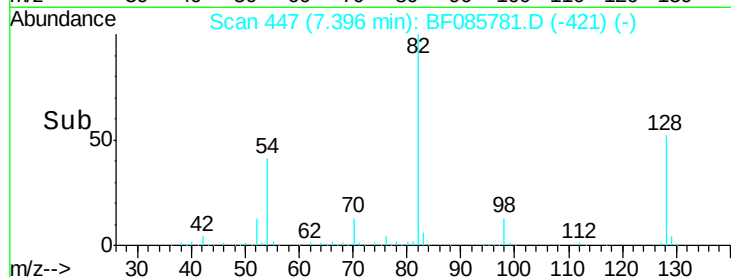
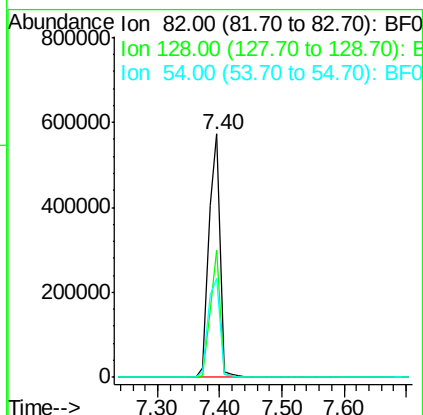
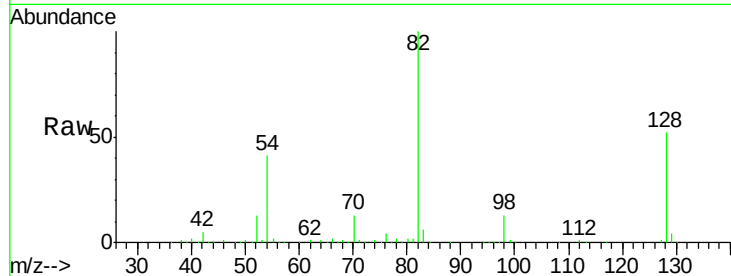




#23
Nitrobenzene-d5
Concen: 109.03 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

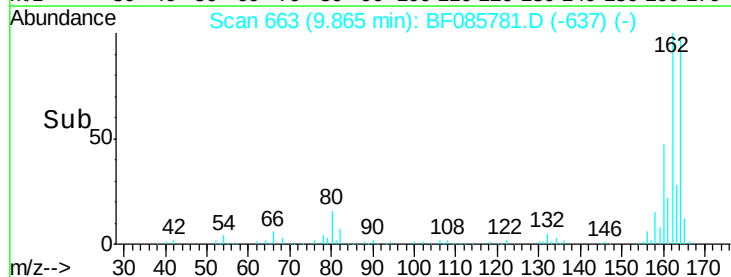
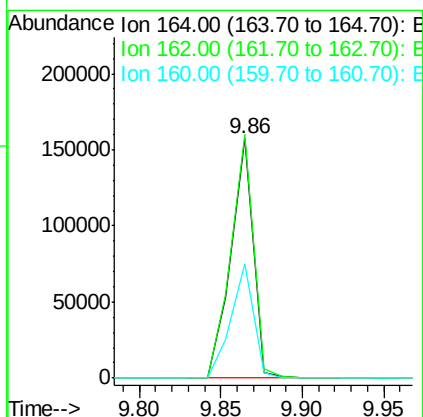
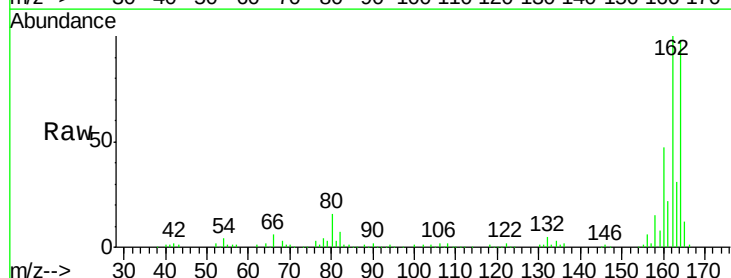
Instrument :
BNA_F
ClientSampled :
13

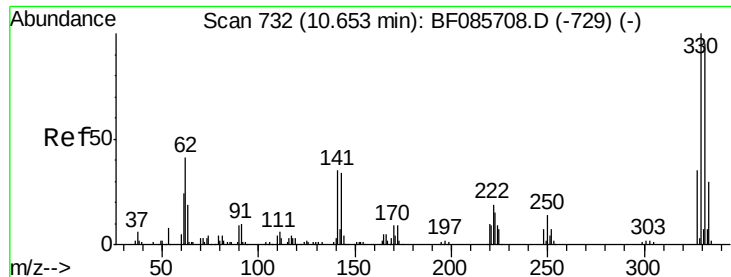
Tot Ion: 82 Resp: 709068
Ion Ratio Lower Upper
82 100
128 52.2 41.8 62.8
54 40.8 33.4 50.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

Tgt Ion:164 Resp: 147713
Ion Ratio Lower Upper
164 100
162 101.8 82.1 123.1
160 47.7 37.4 56.2

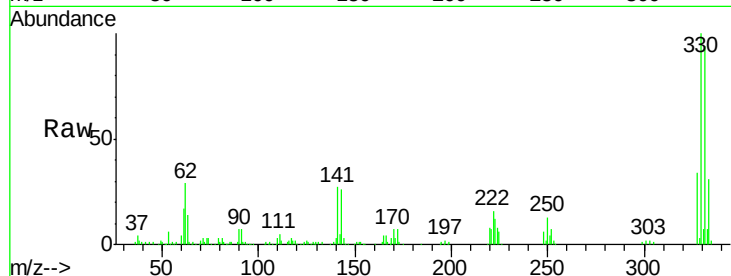




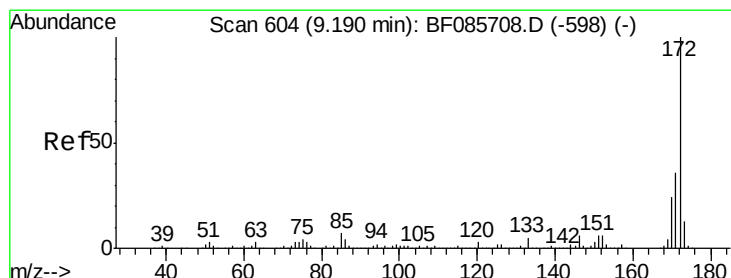
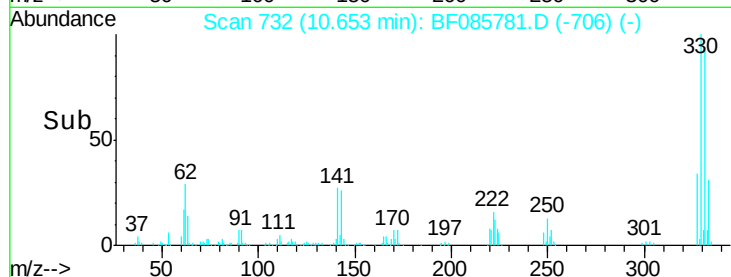
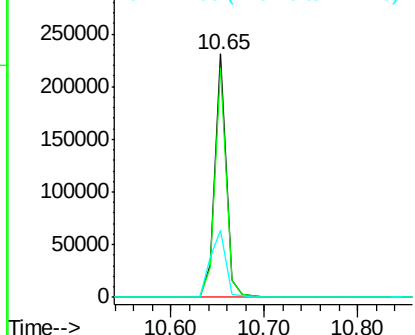
#41
 2,4,6-Tribromophenol
 Concen: 139.14 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085781.D
 Acq: 26 Mar 2016 00:35

Instrument :
 BNA_F
 ClientSampleId :
 13

Tot Ion	330	332	141
Resp:	195280		
Ion Ratio	100	93.9	38.0
Lower		78.2	31.5
Upper		117.2	47.3

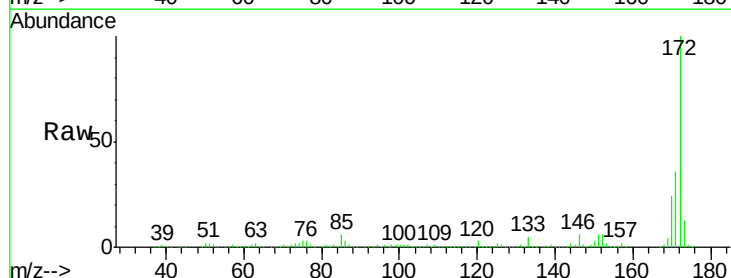


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

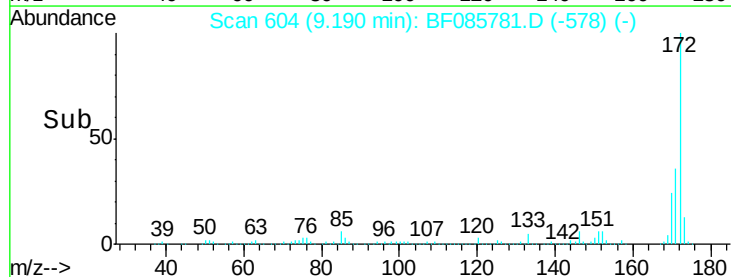
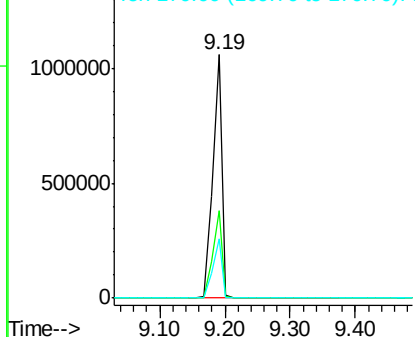


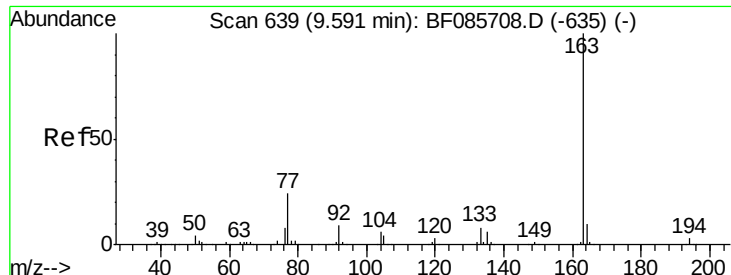
#44
 2-Fluorobiphenyl
 Concen: 119.53 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085781.D
 Acq: 26 Mar 2016 00:35

Tgt Ion	172	171	170
Resp:	1056799		
Ion Ratio	100	36.2	24.3
Lower		29.4	19.8
Upper		44.2	29.6



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





#49

Dimethylphthalate

Concen: 19.01 ng

RT: 9.58 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

Instrument :

BNA_F

ClientSampleId :

13

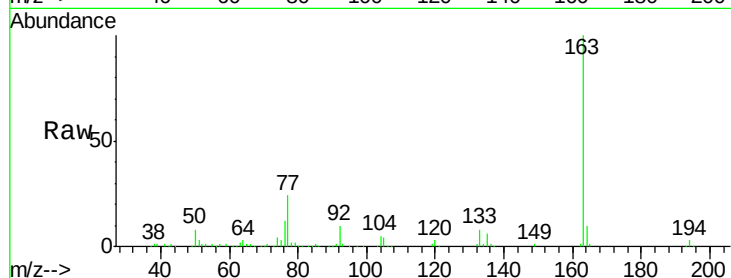
Tot Ion:163 Resp: 213023

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

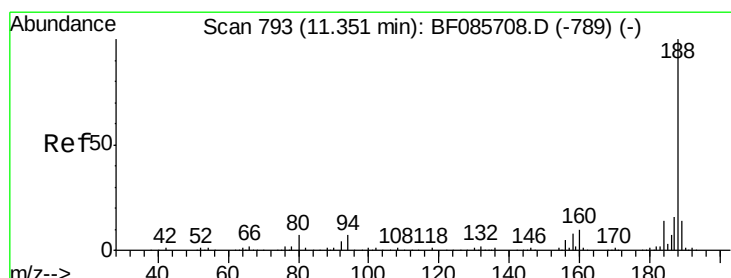
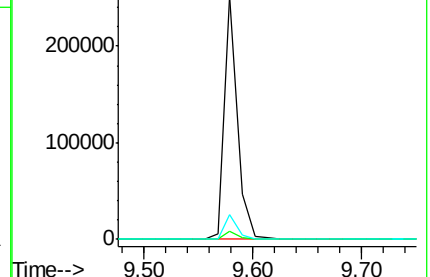
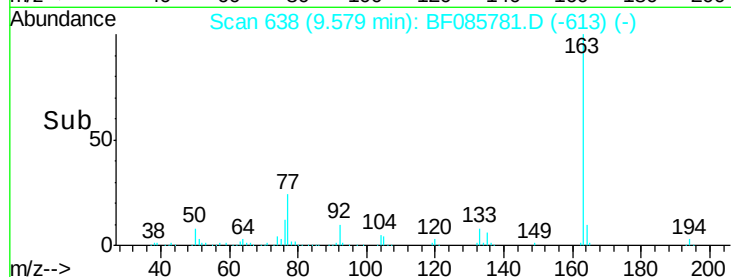
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085781.D

Acq: 26 Mar 2016 00:35

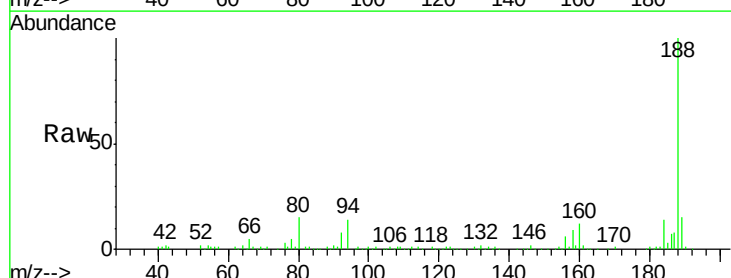
Tgt Ion:188 Resp: 221354

Ion Ratio Lower Upper

188 100

94 13.6 5.4 8.0#

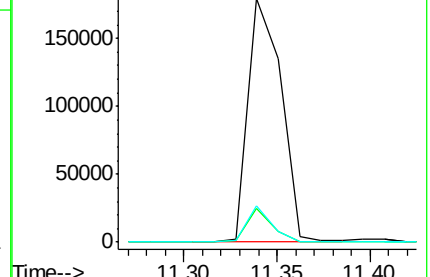
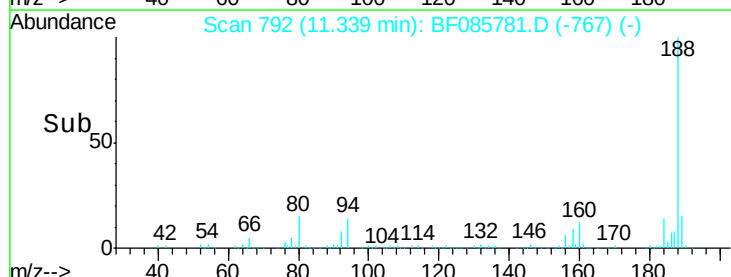
80 15.1 5.5 8.3#

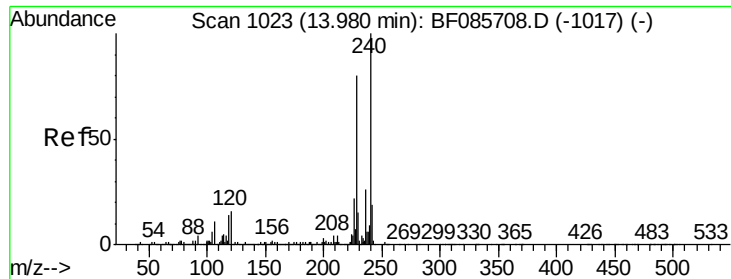


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

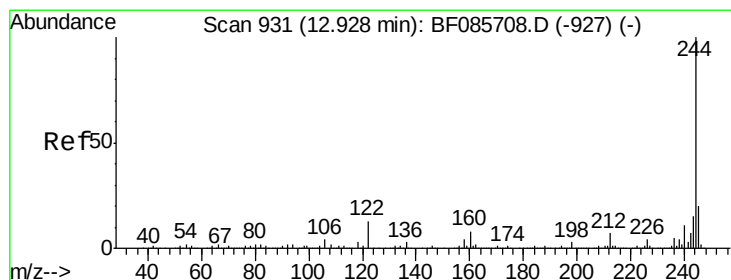
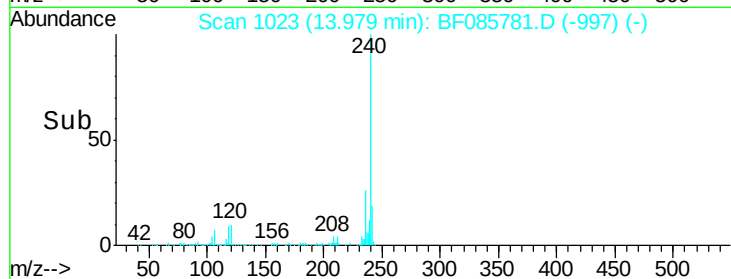
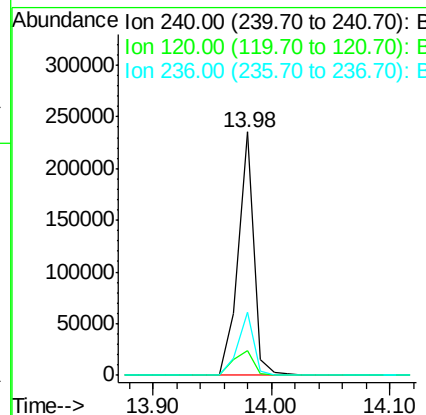
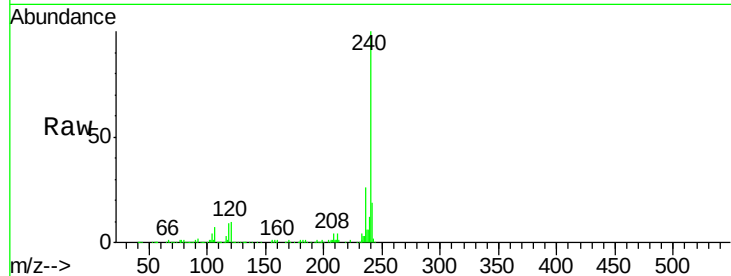




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

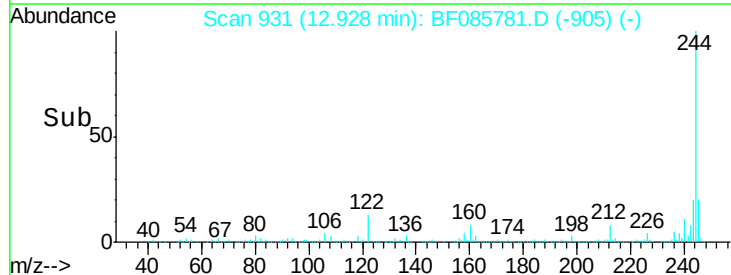
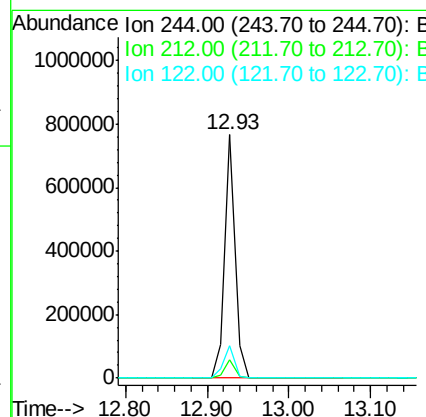
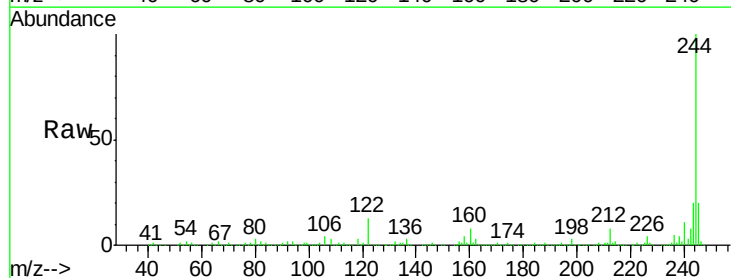
Instrument :
BNA_F
ClientSampleId :
13

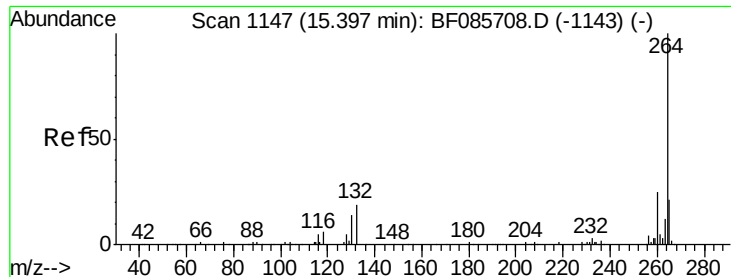
Tot Ion:240 Resp: 217574
Ion Ratio Lower Upper
240 100
120 10.0 13.8 20.8#
236 25.8 20.6 30.8



#78
Terphenyl-d14
Concen: 63.83 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

Tgt Ion:244 Resp: 675254
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.4 10.2 15.4

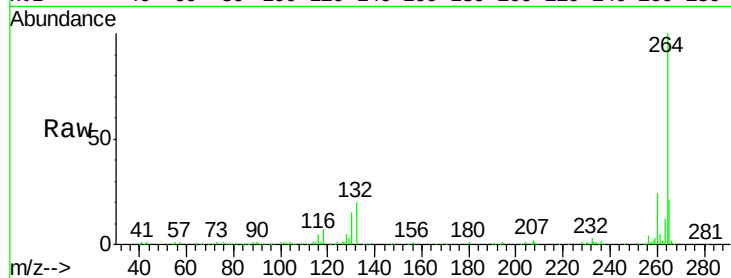




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085781.D
Acq: 26 Mar 2016 00:35

Instrument :
BNA_F
ClientSampleId :
13

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.3	17.2	25.8



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

