

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086993.D
 Acq On : 14 May 2016 2:13
 Operator : UM/SJ
 Sample : H2894-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP27-6FT

Quant Time: May 14 03:38:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

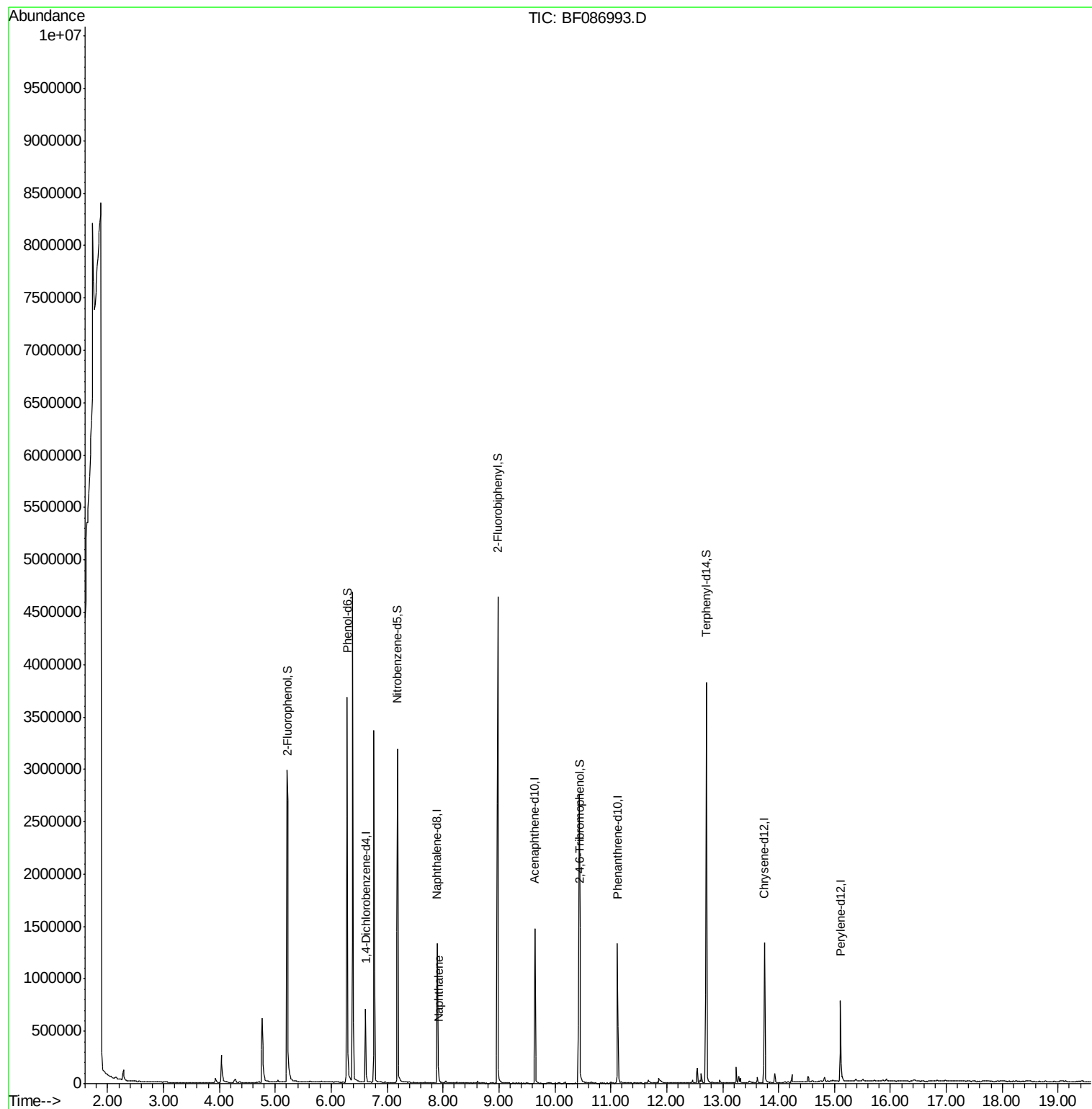
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	136453	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	560184	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	275997	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	534514	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	443335	20.00	ng	-0.01
86) Perylene-d12	15.11	264	321456	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1095634	135.98	ng	0.02
7) Phenol-d6	6.28	99	1464042	135.96	ng	0.00
23) Nitrobenzene-d5	7.19	82	1067841	95.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	434029	148.54	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1674380	101.96	ng	0.00
78) Terphenyl-d14	12.71	244	1681596	80.48	ng	-0.01
Target Compounds						
31) Naphthalene	7.92	128	57466	2.05	ng	Qvalue 99

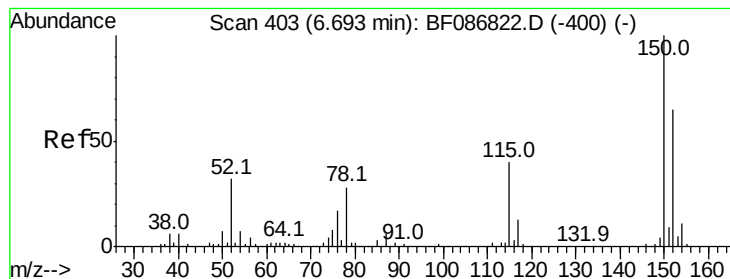
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

BNA_F

ClientSampleId :

TP27-6FT

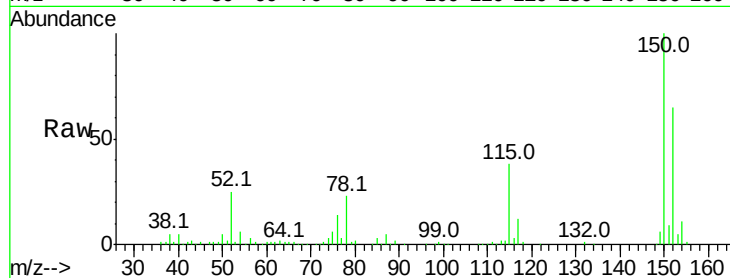
Tot Ion:152 Resp: 136453

Ion Ratio Lower Upper

152 100

150 152.9 125.8 188.6

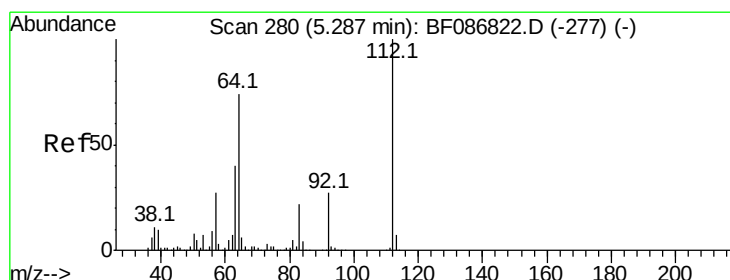
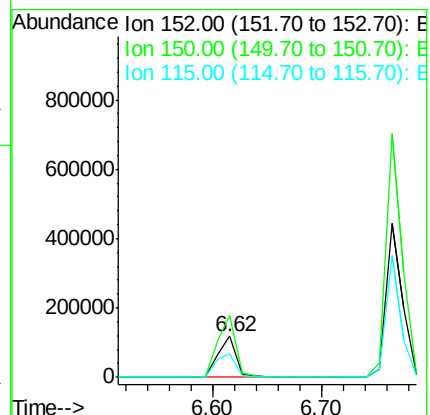
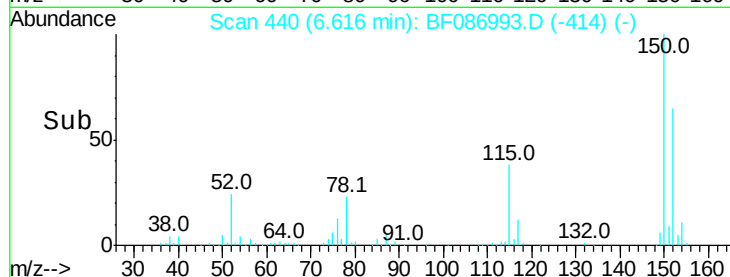
115 57.4 51.5 77.3



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: 135.98 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

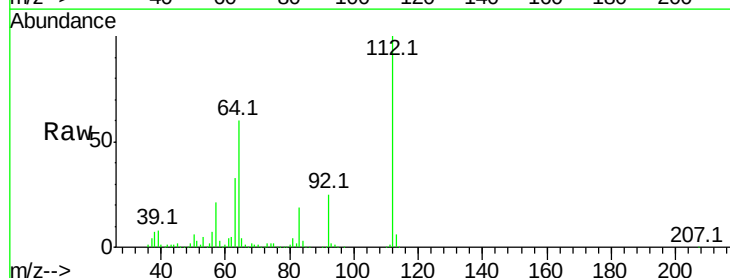
Tgt Ion:112 Resp: 1095634

Ion Ratio Lower Upper

112 100

64 59.7 52.1 78.1

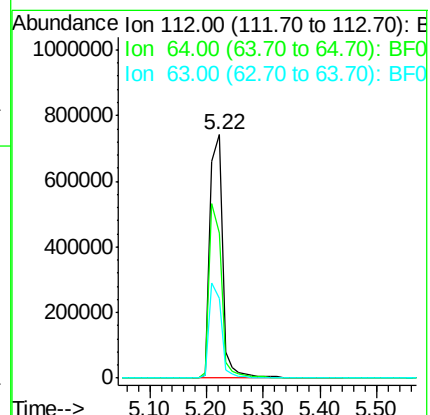
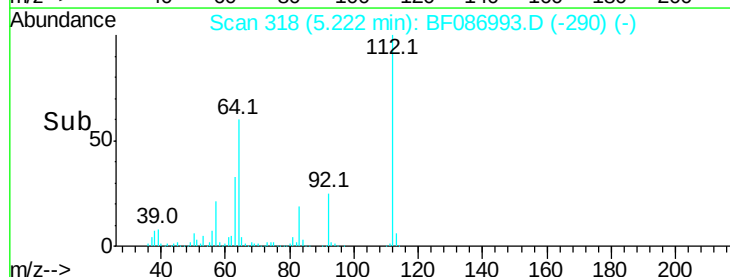
63 32.6 25.7 38.5

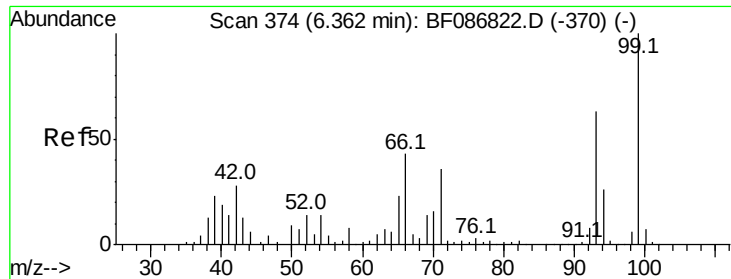


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.96 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

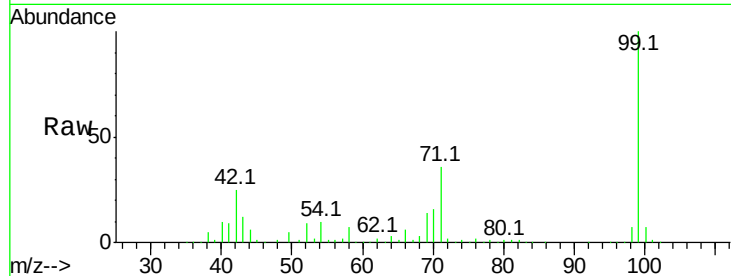
BNA_F

ClientSampleId :

TP27-6FT

Tot Ion: 99 Resp: 1464042

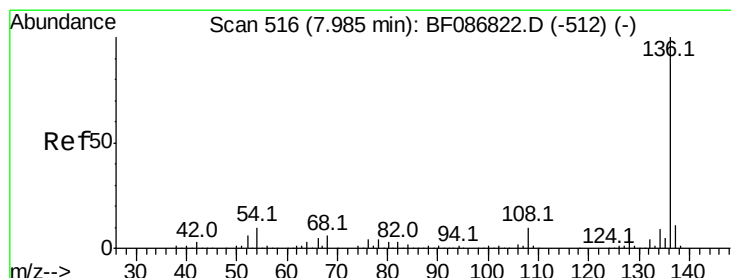
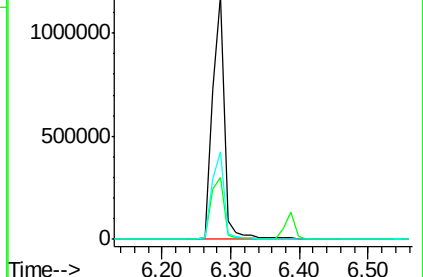
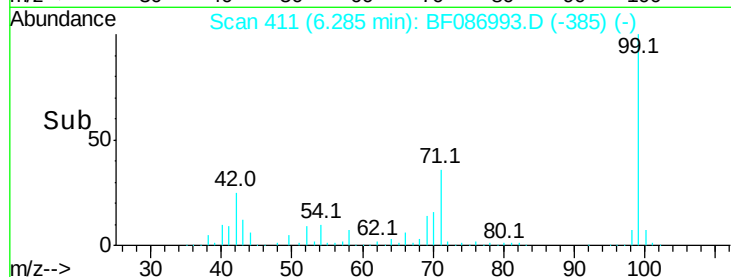
Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.6	20.4#
71	36.0	24.6	36.8



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: 7.90 min Scan# 552

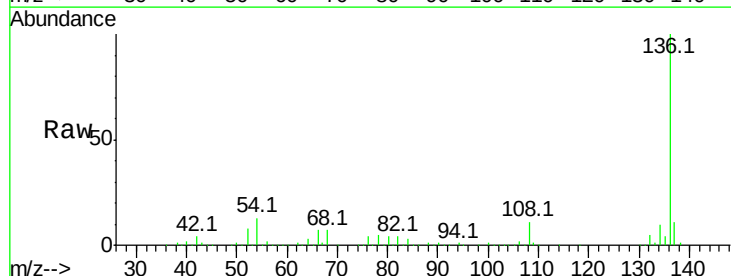
Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Tgt Ion: 136 Resp: 560184

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.0	5.0	7.4#
68	6.9	4.4	6.6#

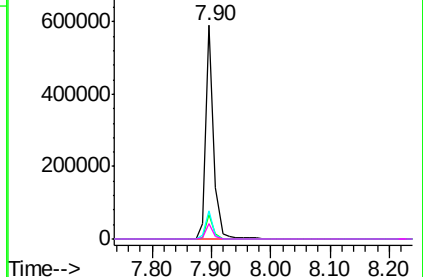
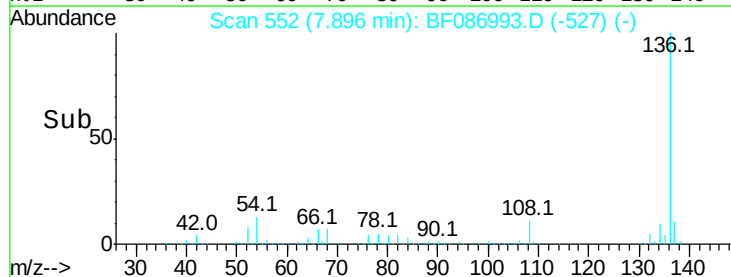


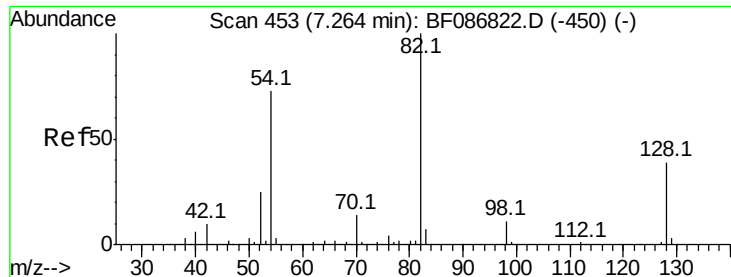
Abundance Ion 136.00 (135.70 to 136.70): E

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

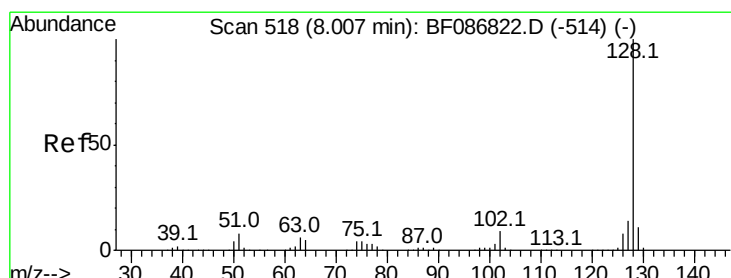
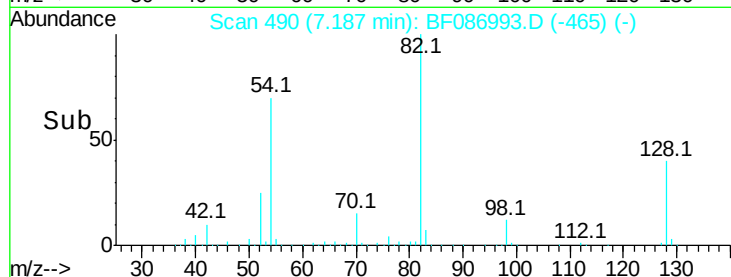
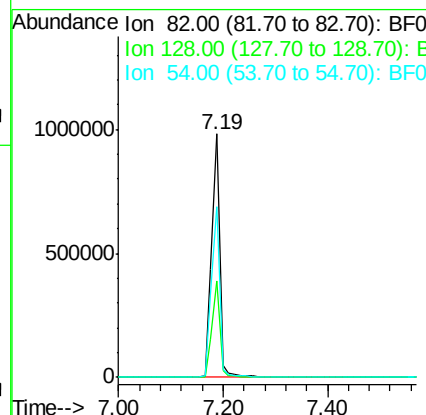
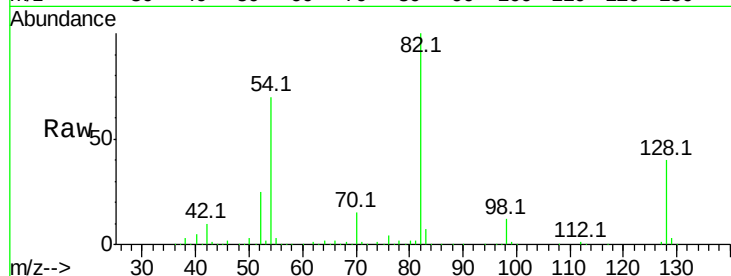




#23
Nitrobenzene-d5
Concen: 95.72 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF086993.D
Acq: 14 May 2016 2:13

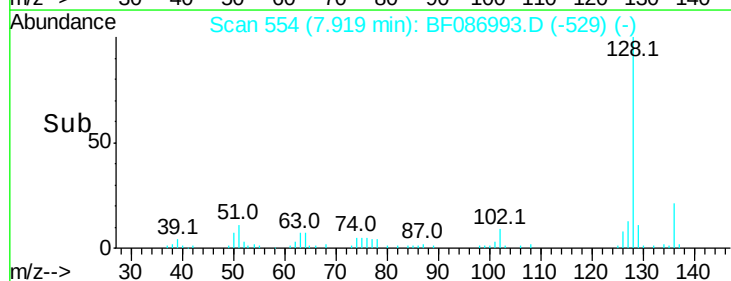
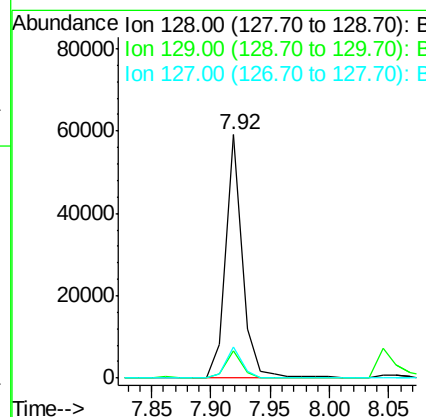
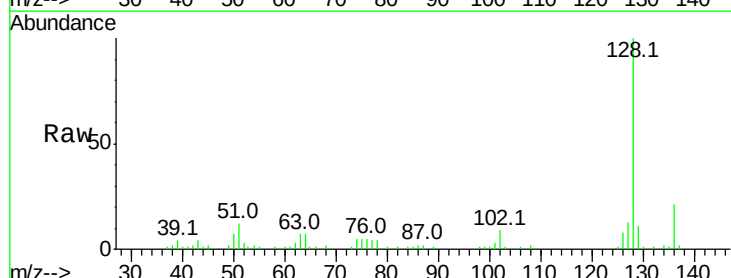
Instrument :
BNA_F
ClientSampleId :
TP27-6FT

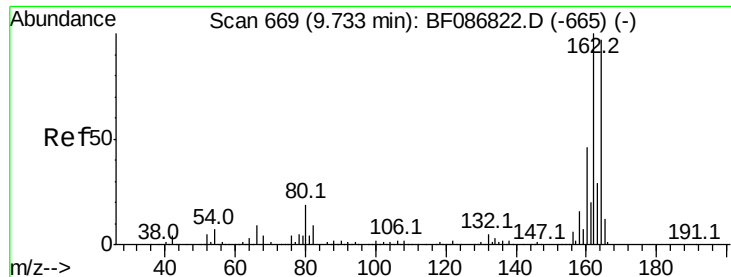
Tot Ion: 82 Resp: 1067841
Ion Ratio Lower Upper
82 100
128 39.8 40.6 61.0#
54 70.2 38.1 57.1#



#31
Naphthalene
Concen: 2.05 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF086993.D
Acq: 14 May 2016 2:13

Tgt Ion: 128 Resp: 57466
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

BNA_F

ClientSampleId :

TP27-6FT

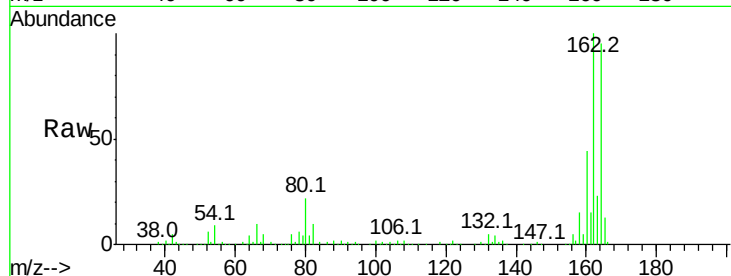
Tot Ion:164 Resp: 275997

Ion Ratio Lower Upper

164 100

162 104.9 82.8 124.2

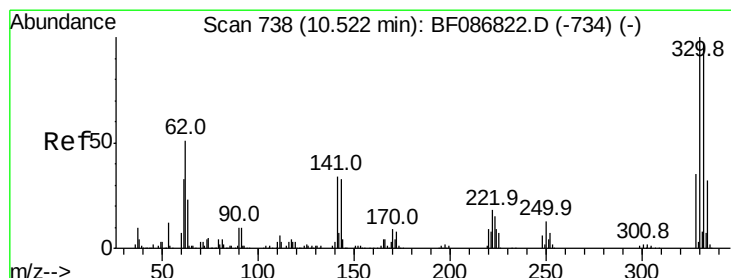
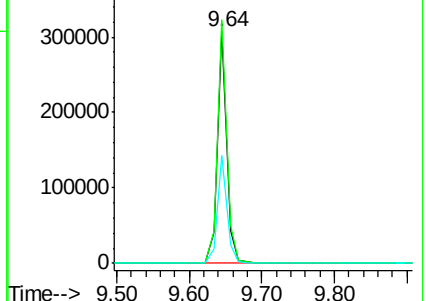
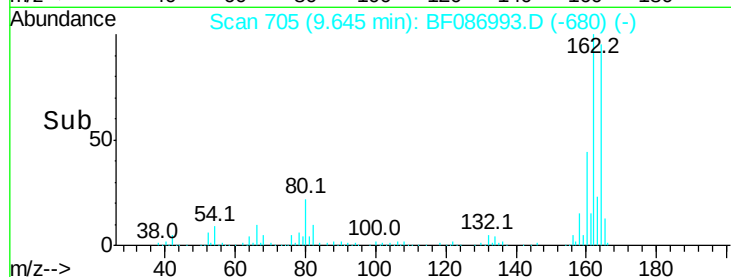
160 46.6 36.9 55.3



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: 148.54 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

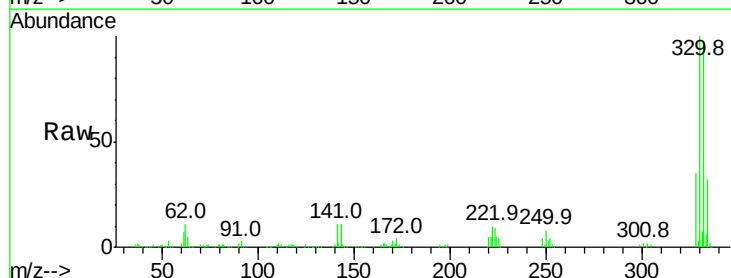
Tgt Ion:330 Resp: 434029

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

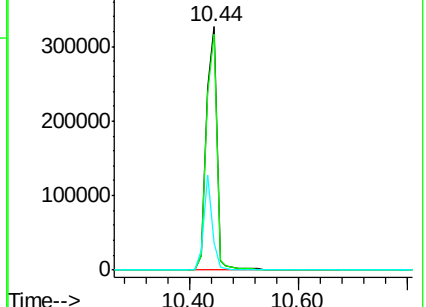
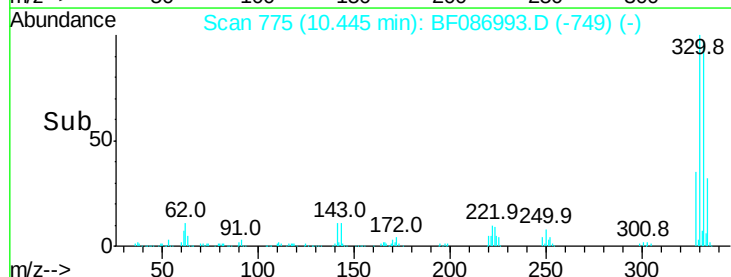
141 32.0 31.2 46.8

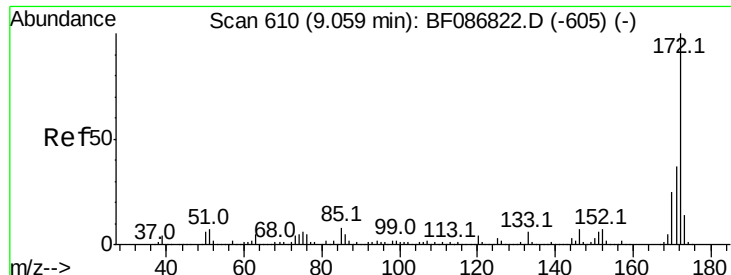


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.96 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

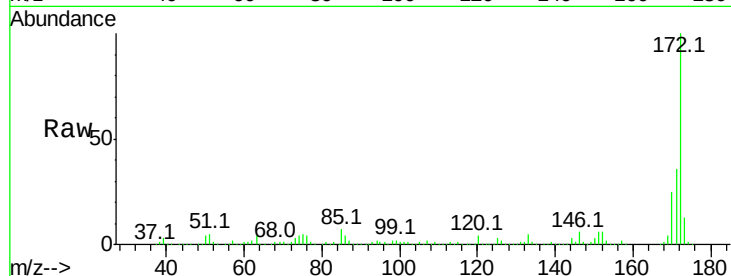
BNA_F

ClientSampleId :

TP27-6FT

Tot Ion:172 Resp: 1674380

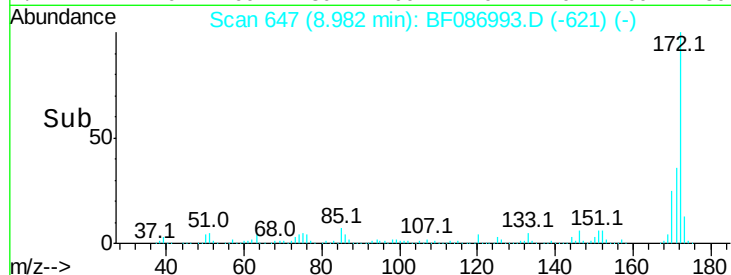
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.8	19.8	29.8



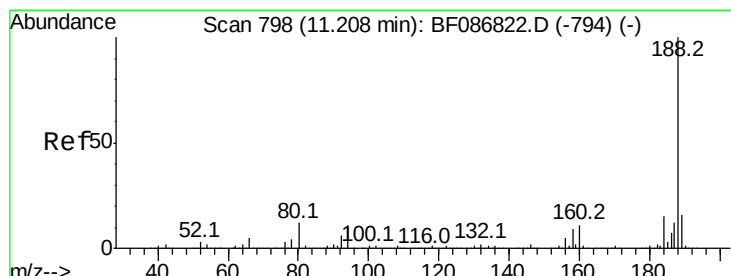
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 8.80 9.00 9.20



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

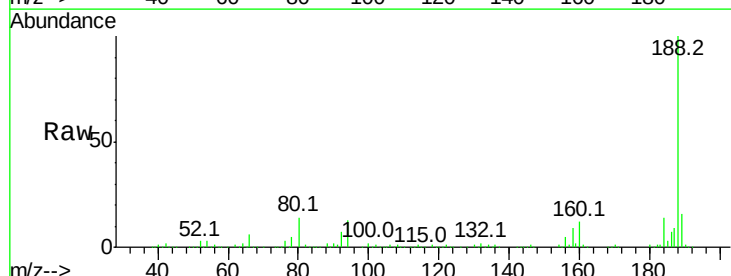
Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Tgt Ion:188 Resp: 534514

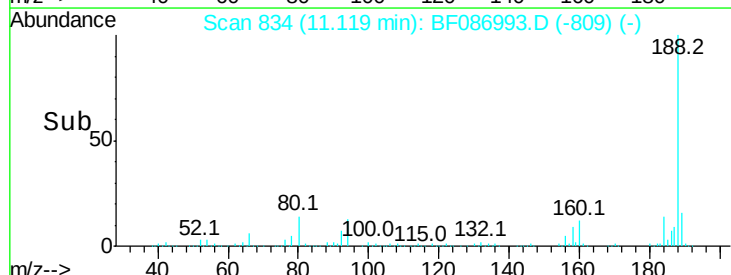
Ion	Ratio	Lower	Upper
188	100		
94	12.8	6.8	10.2#
80	13.9	7.1	10.7#



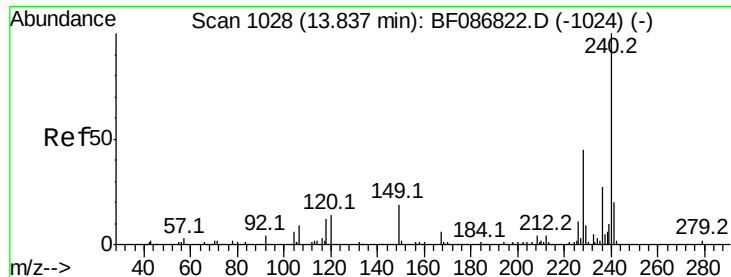
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.00 11.20 11.40



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

Instrument :

BNA_F

ClientSampleId :

TP27-6FT

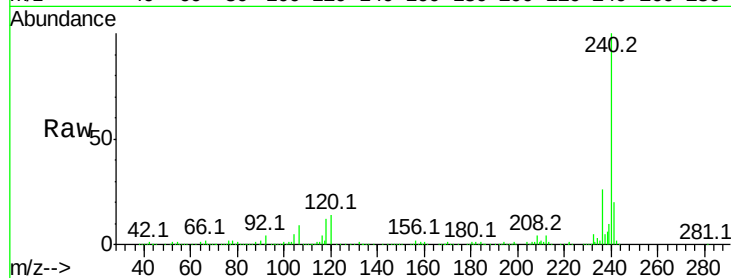
Tot Ion:240 Resp: 443335

Ion Ratio Lower Upper

240 100

120 13.7 11.2 16.8

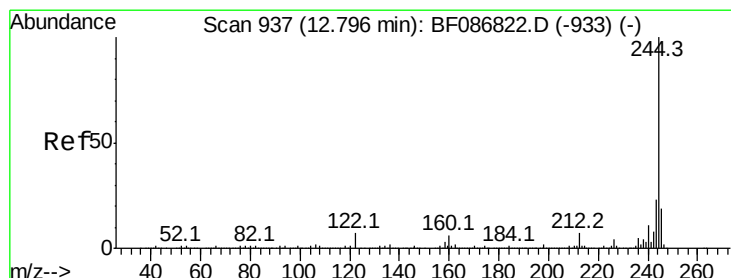
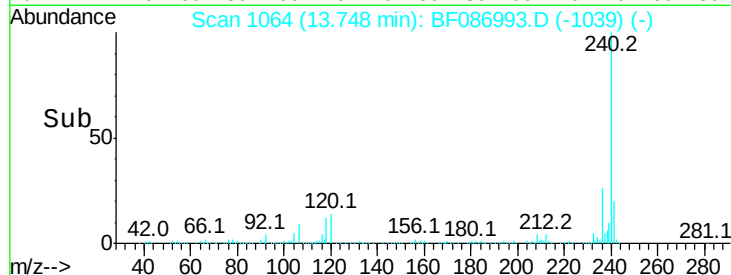
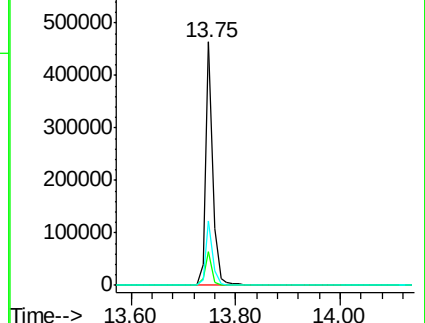
236 26.4 21.2 31.8



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: 80.48 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086993.D

Acq: 14 May 2016 2:13

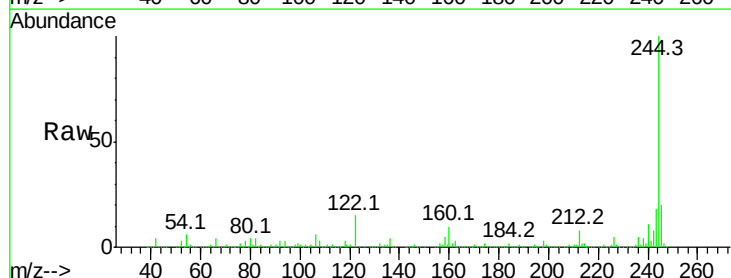
Tgt Ion:244 Resp: 1681596

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

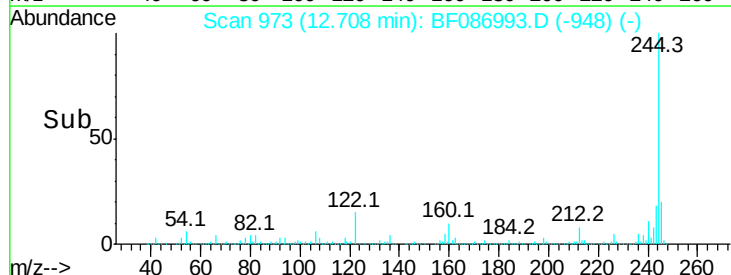
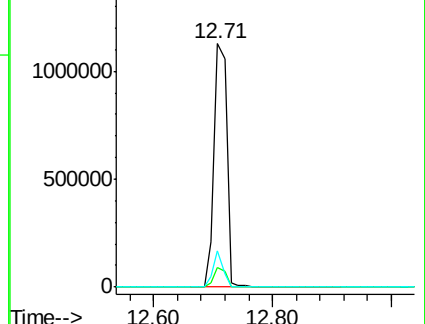
122 14.8 12.0 18.0

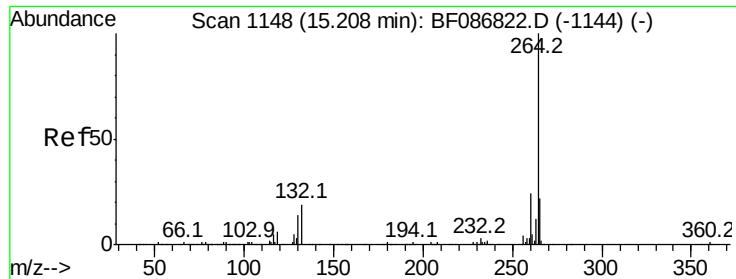


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

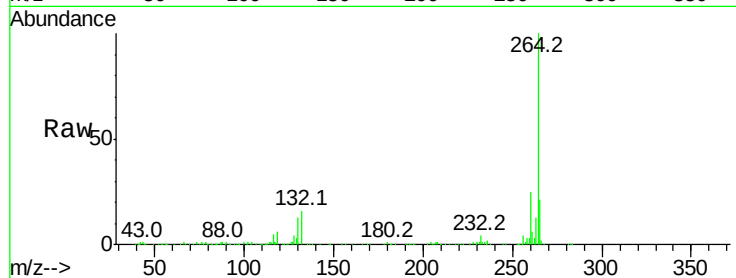




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086993.D
 Acq: 14 May 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 TP27-6FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.4	17.3	25.9



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

