

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
 Data File : BF076710.D
 Acq On : 31 Dec 2014 19:21
 Operator : IZ / TP
 Sample : PB81132TB
 Misc : W
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81132TB

Quant Time: Jan 01 01:08:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 31 23:59:08 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	37665	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	161726	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	83757	20.00	ng	0.00
63) Phenanthrene-d10	12.25	188	148290	20.00	ng	-0.01
75) Chrysene-d12	15.49	240	148812	20.00	ng	-0.01
86) Perylene-d12	17.13	264	135376	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	291237	131.09	ng	0.00
7) Phenol-d6	6.32	99	377165	139.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	232372	85.45	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	98434	139.05	ng	0.00
44) 2-Fluorobiphenyl	9.65	172	449685	83.55	ng	-0.01
78) Terphenyl-d14	14.24	244	521994	77.37	ng	-0.01

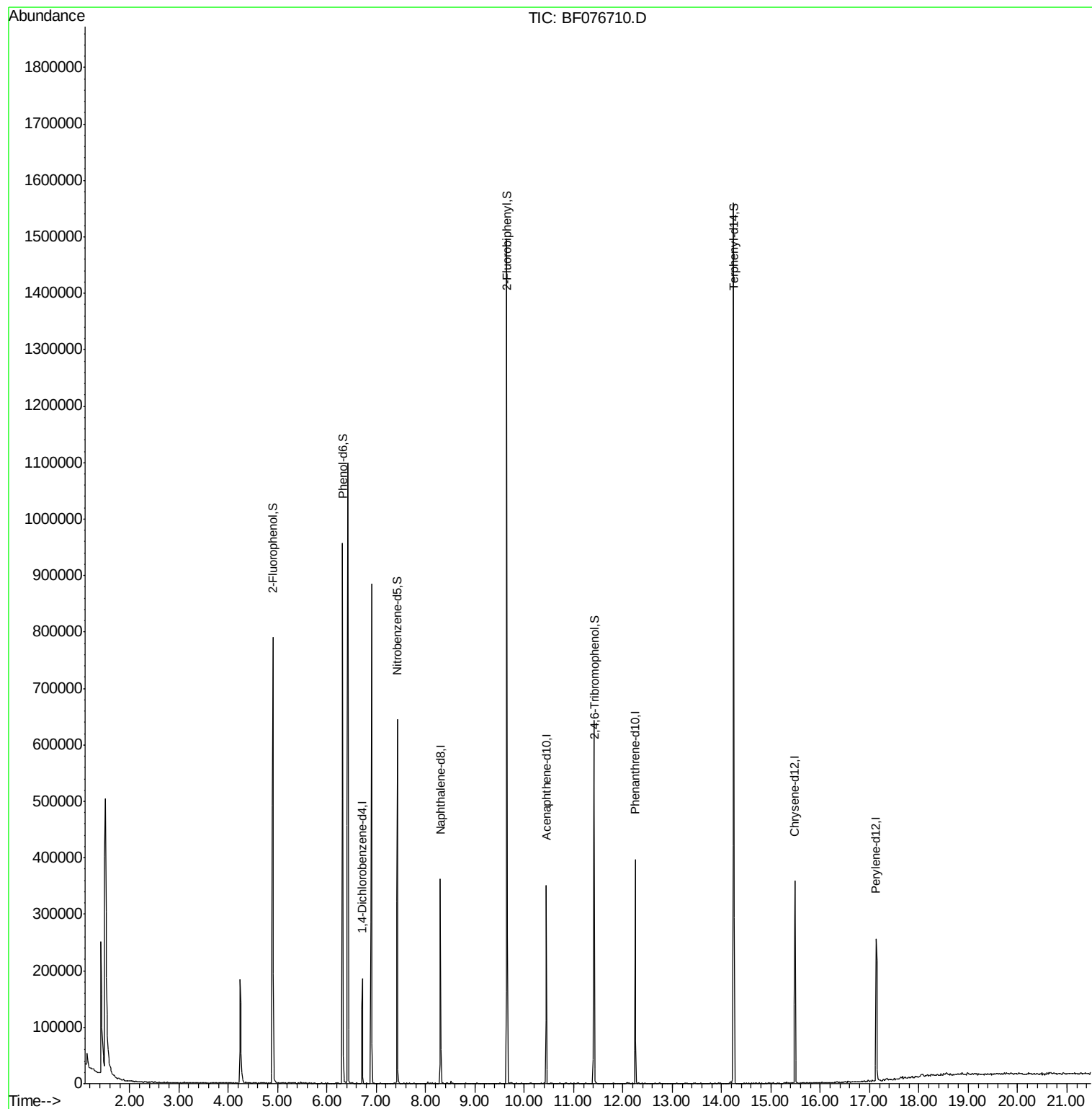
Target Compounds Qvalue

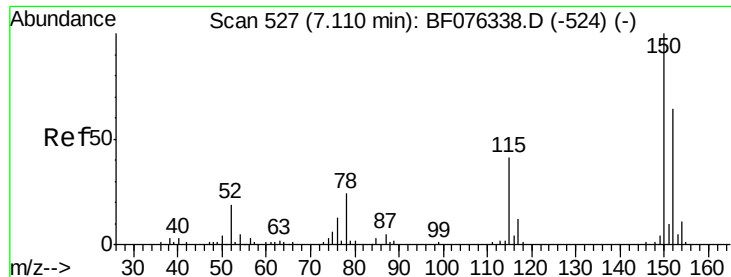
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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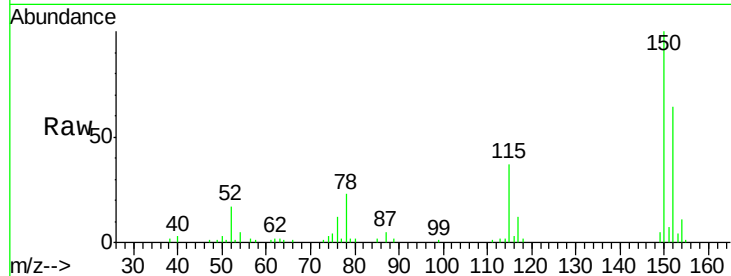


#1

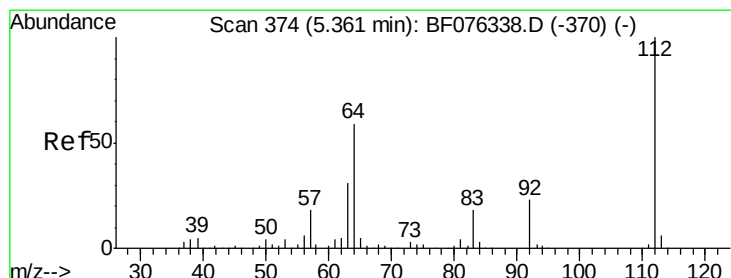
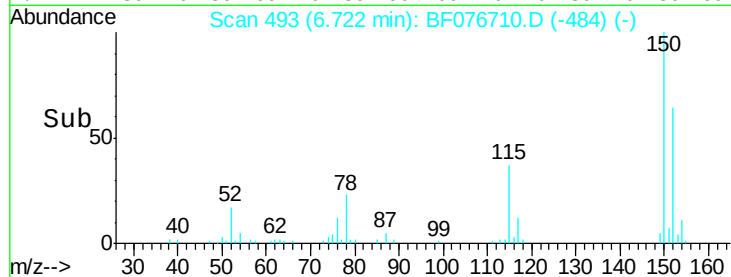
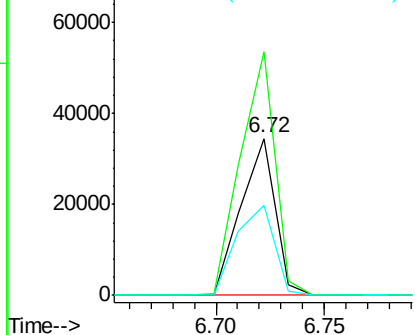
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF076710.D
Acq: 31 Dec 2014 19:21

Instrument :
BNA_F
ClientSampleId :
PB81132TB

Tot Ion:152 Resp: 37665
Ion Ratio Lower Upper
152 100
150 155.1 125.2 187.8
115 57.1 51.4 77.0



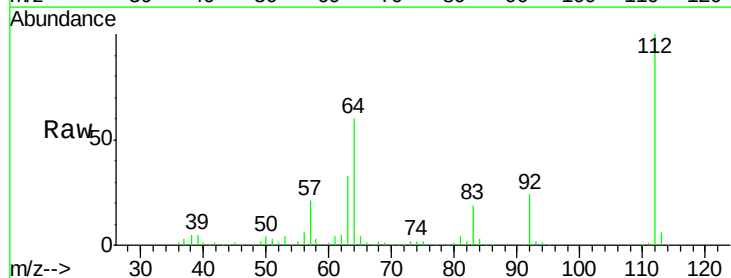
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



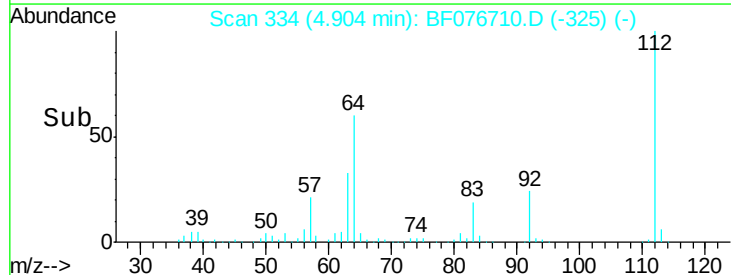
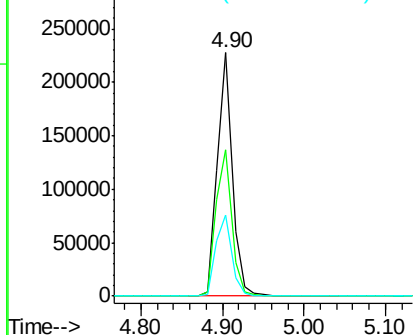
#5

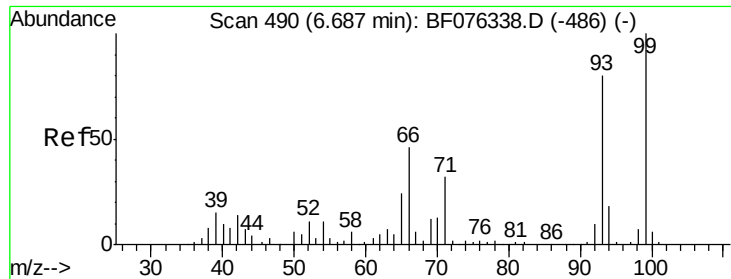
2-Fluorophenol
Concen: 131.09 ng
RT: 4.90 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF076710.D
Acq: 31 Dec 2014 19:21

Tgt Ion:112 Resp: 291237
Ion Ratio Lower Upper
112 100
64 60.3 47.4 71.0
63 33.5 25.0 37.4



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: 139.00 ng

RT: 6.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF076710.D

Acq: 31 Dec 2014 19:21

Instrument :

BNA_F

ClientSampleID :

PB81132TB

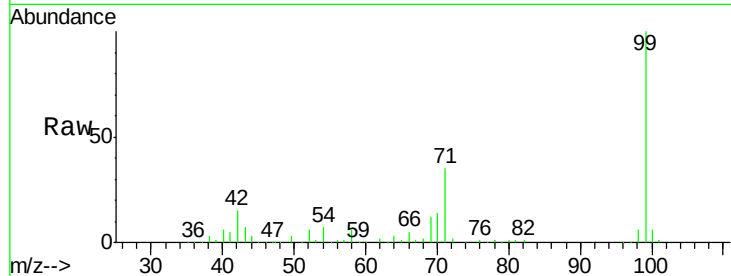
Tot Ion: 99 Resp: 377165

Ion Ratio Lower Upper

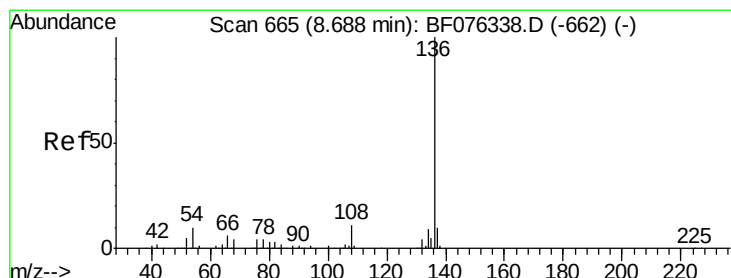
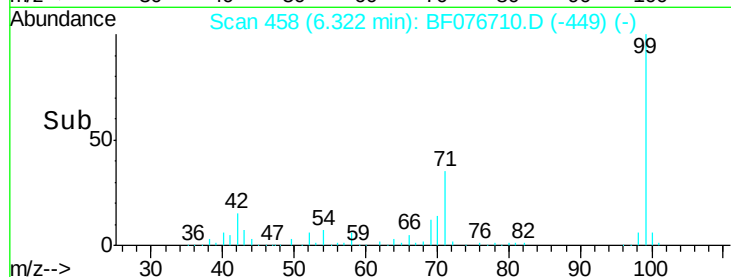
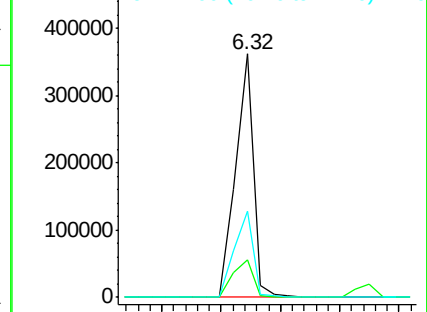
99 100

42 15.3 11.6 17.4

71 35.3 25.9 38.9



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: 8.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF076710.D

Acq: 31 Dec 2014 19:21

Tgt Ion: 136 Resp: 161726

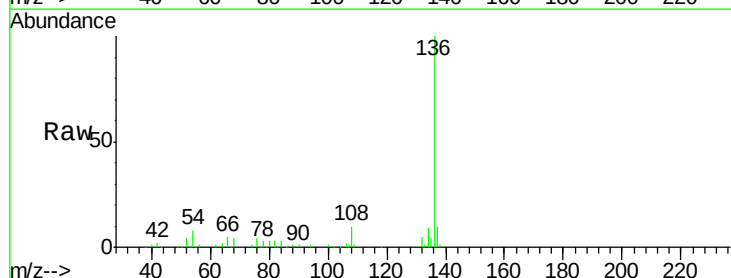
Ion Ratio Lower Upper

136 100

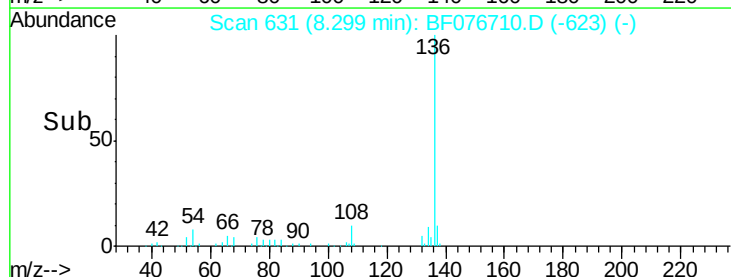
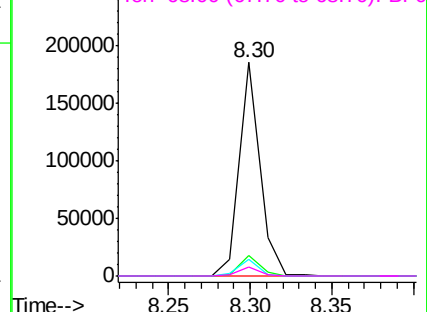
137 9.8 8.4 12.6

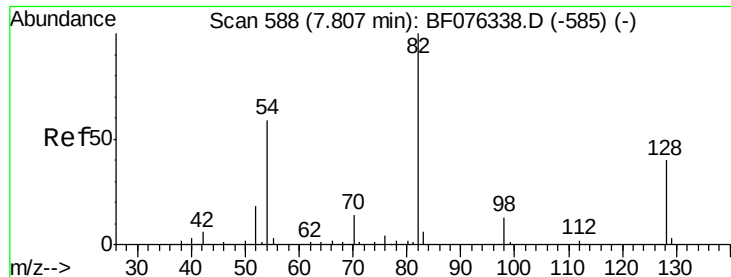
54 7.8 7.8 11.6

68 4.0 3.4 5.2



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: 85.45 ng

RT: 7.43 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF076710.D

Acq: 31 Dec 2014 19:21

Instrument :

BNA_F

ClientSampleId :

PB81132TB

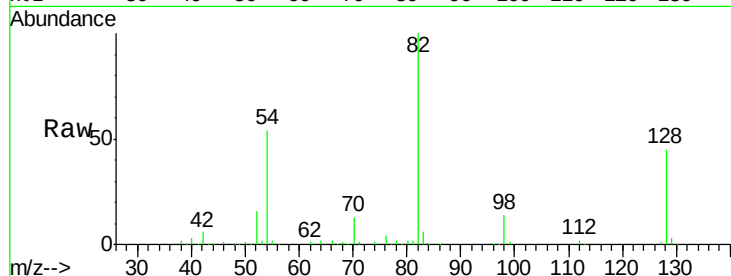
Tot Ion: 82 Resp: 232372

Ion Ratio Lower Upper

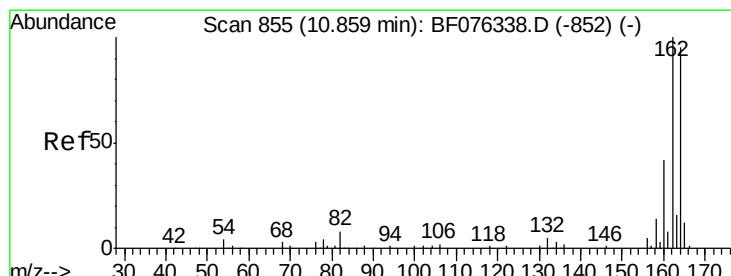
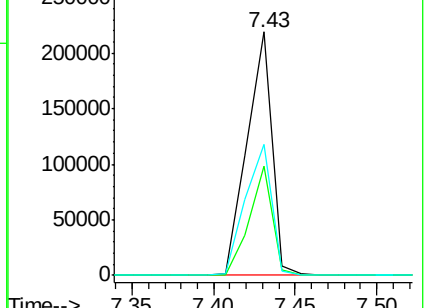
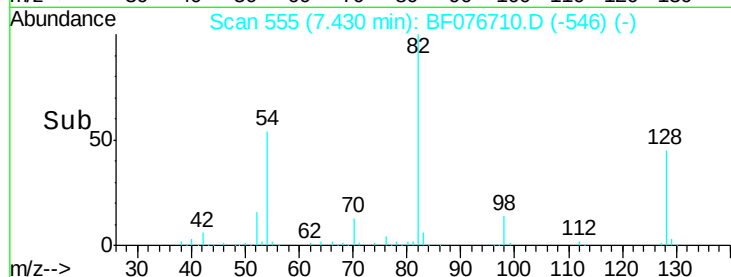
82 100

128 44.8 31.9 47.9

54 53.9 47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BF076710.D (-546) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF076710.D

Acq: 31 Dec 2014 19:21

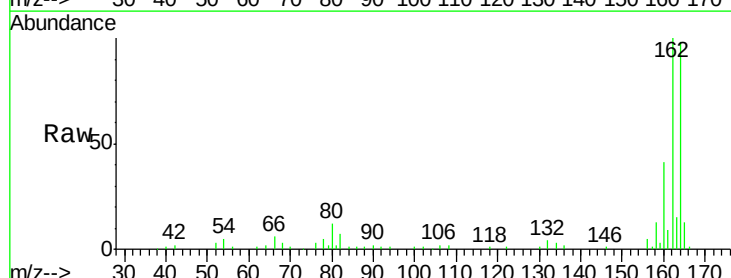
Tgt Ion: 164 Resp: 83757

Ion Ratio Lower Upper

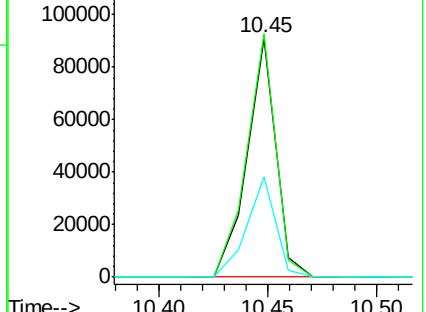
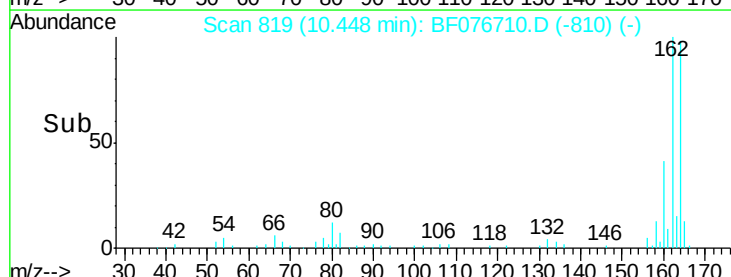
164 100

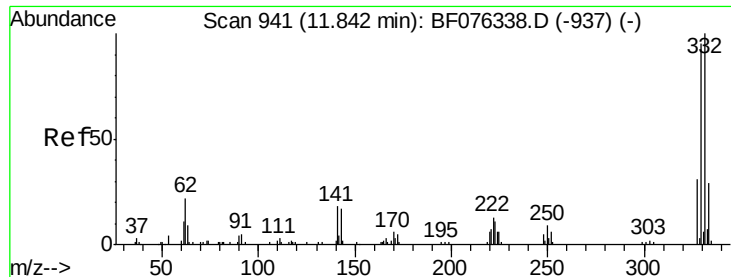
162 102.0 84.2 126.2

160 41.9 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF076710.D (-810) (-)





#41

2,4,6-Tribromophenol

Concen: 139.05 ng

RT: 11.42 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF076710.D

Acq: 31 Dec 2014 19:21

Instrument :

BNA_F

ClientSampleId :

PB81132TB

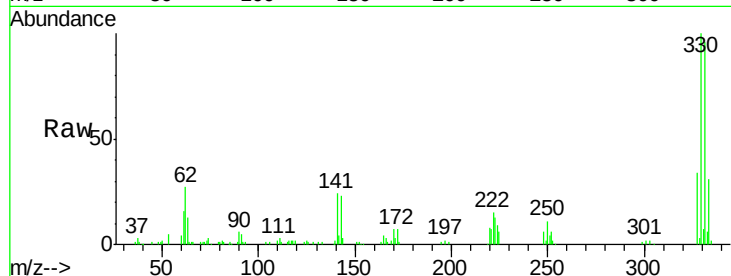
Tot Ion:330 Resp: 98434

Ion Ratio Lower Upper

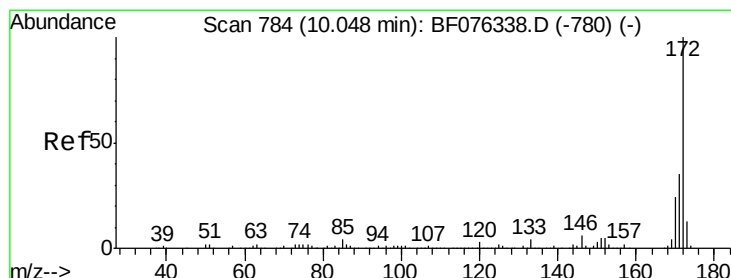
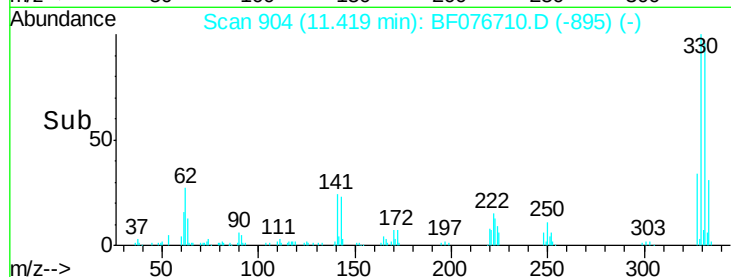
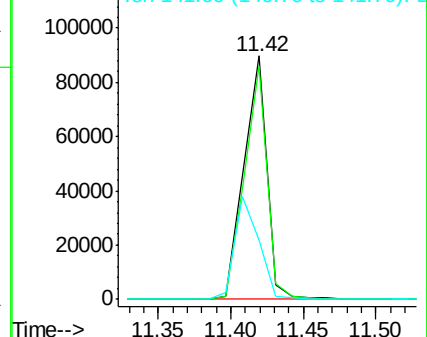
330 100

332 94.0 0.0 0.0#

141 44.2 0.0 0.0#



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: 83.55 ng

RT: 9.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF076710.D

Acq: 31 Dec 2014 19:21

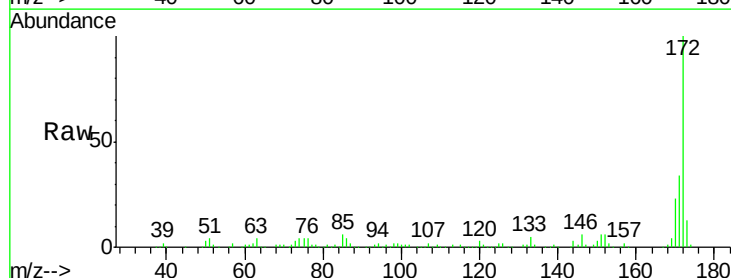
Tgt Ion:172 Resp: 449685

Ion Ratio Lower Upper

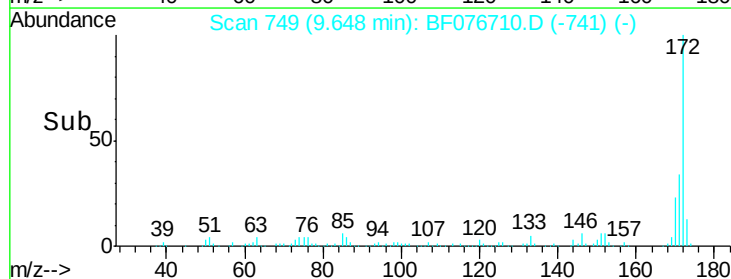
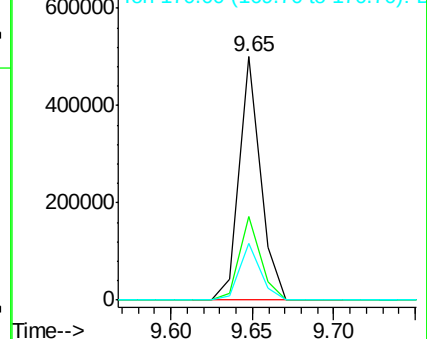
172 100

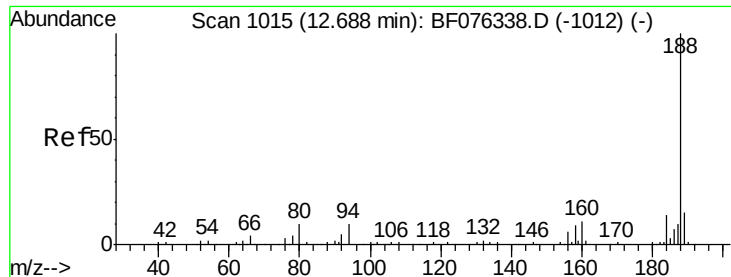
171 34.5 27.8 41.8

170 23.2 19.0 28.4



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

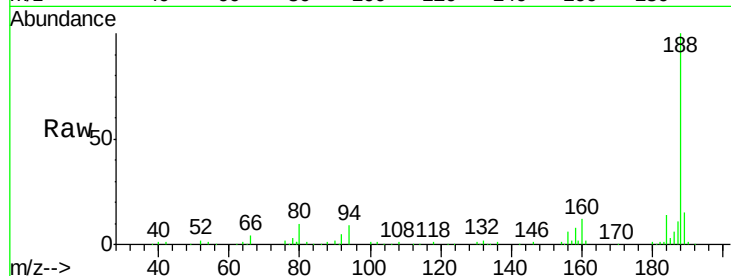




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF076710.D
Acq: 31 Dec 2014 19:21

Instrument :
BNA_F
ClientSampleId :
PB81132TB

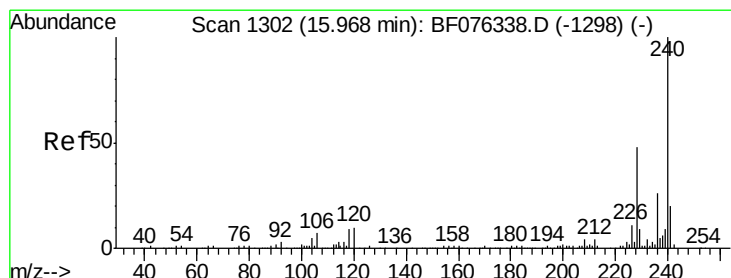
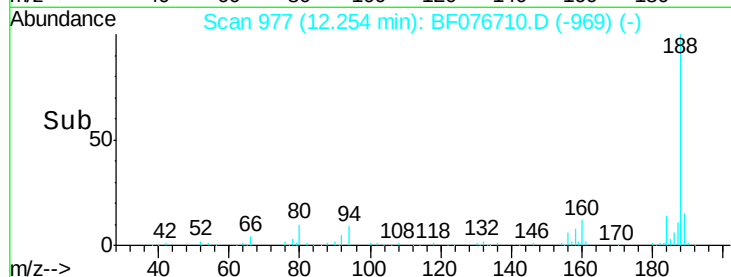
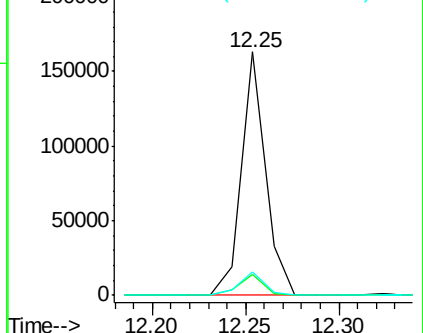
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.7	8.2	12.2



Abundance Ion 188.00 (187.70 to 188.70): E

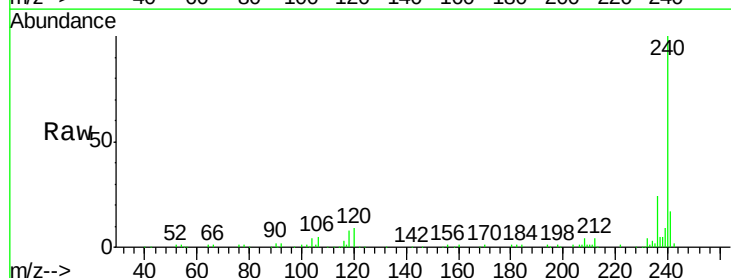
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF076710.D
Acq: 31 Dec 2014 19:21

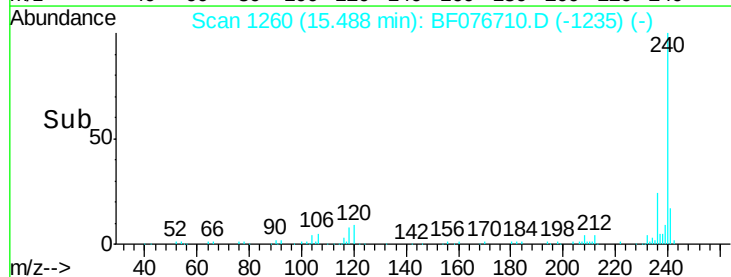
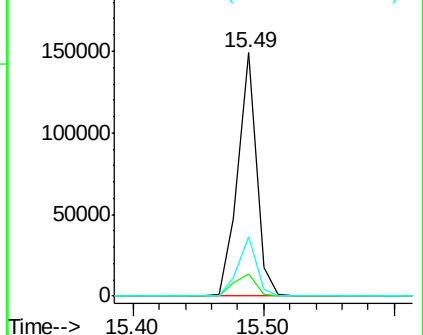
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.0	12.0
236	24.2	20.6	30.8

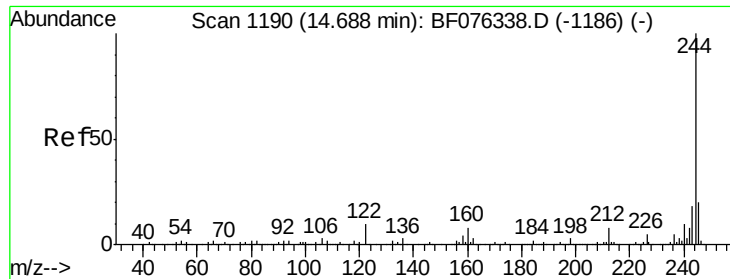


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.37 ng

RT: 14.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF076710.D

Acq: 31 Dec 2014 19:21

Instrument :

BNA_F

ClientSampleId :

PB81132TB

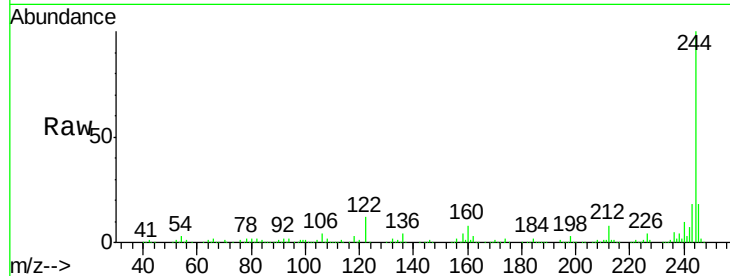
Tot Ion:244 Resp: 521994

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

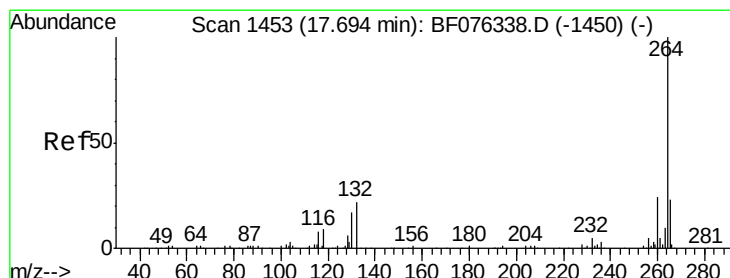
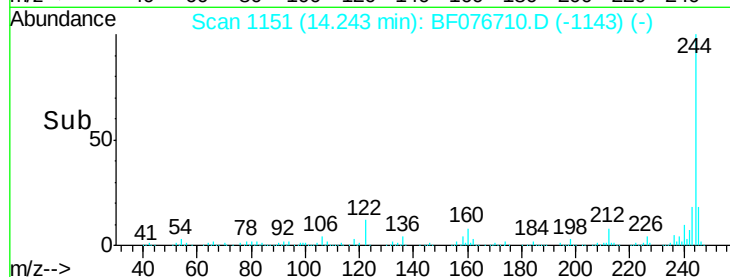
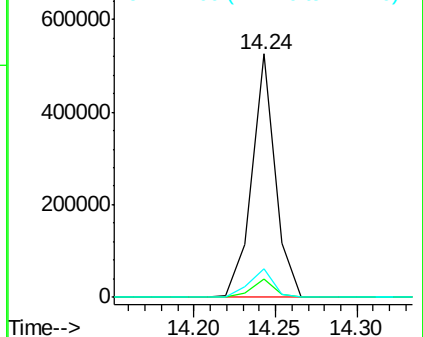
122 12.0 8.2 12.2



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: 17.13 min Scan# 1404

Delta R.T. -0.06 min

Lab File: BF076710.D

Acq: 31 Dec 2014 19:21

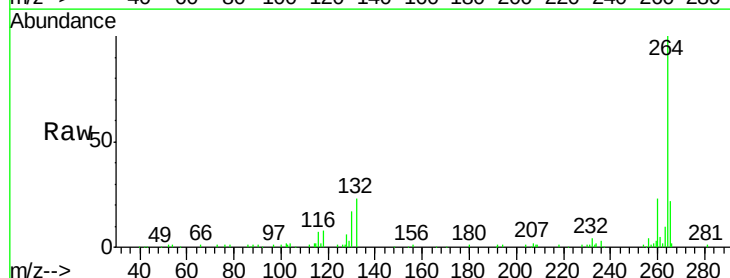
Tgt Ion:264 Resp: 135376

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 22.1 18.1 27.1



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

