

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075505.D
 Acq On : 14 Nov 2014 20:34
 Operator : TP / JJ
 Sample : PB80189BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BL

Manual Integrations
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Quant Time: Nov 15 00:07:07 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	49629	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	215500	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	107633	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	180122	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	187857	20.00	ng	-0.09
86) Perylene-d12	18.20	264	192317	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	238802	85.00	ng	-0.02
7) Phenol-d6	7.09	99	285867	84.62	ng	-0.02
23) Nitrobenzene-d5	8.24	82	263419	89.62	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	66320	73.57	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	509524	85.54	ng	-0.02
78) Terphenyl-d14	15.16	244	573131m	82.13	ng	-0.03

Target Compounds Qvalue

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

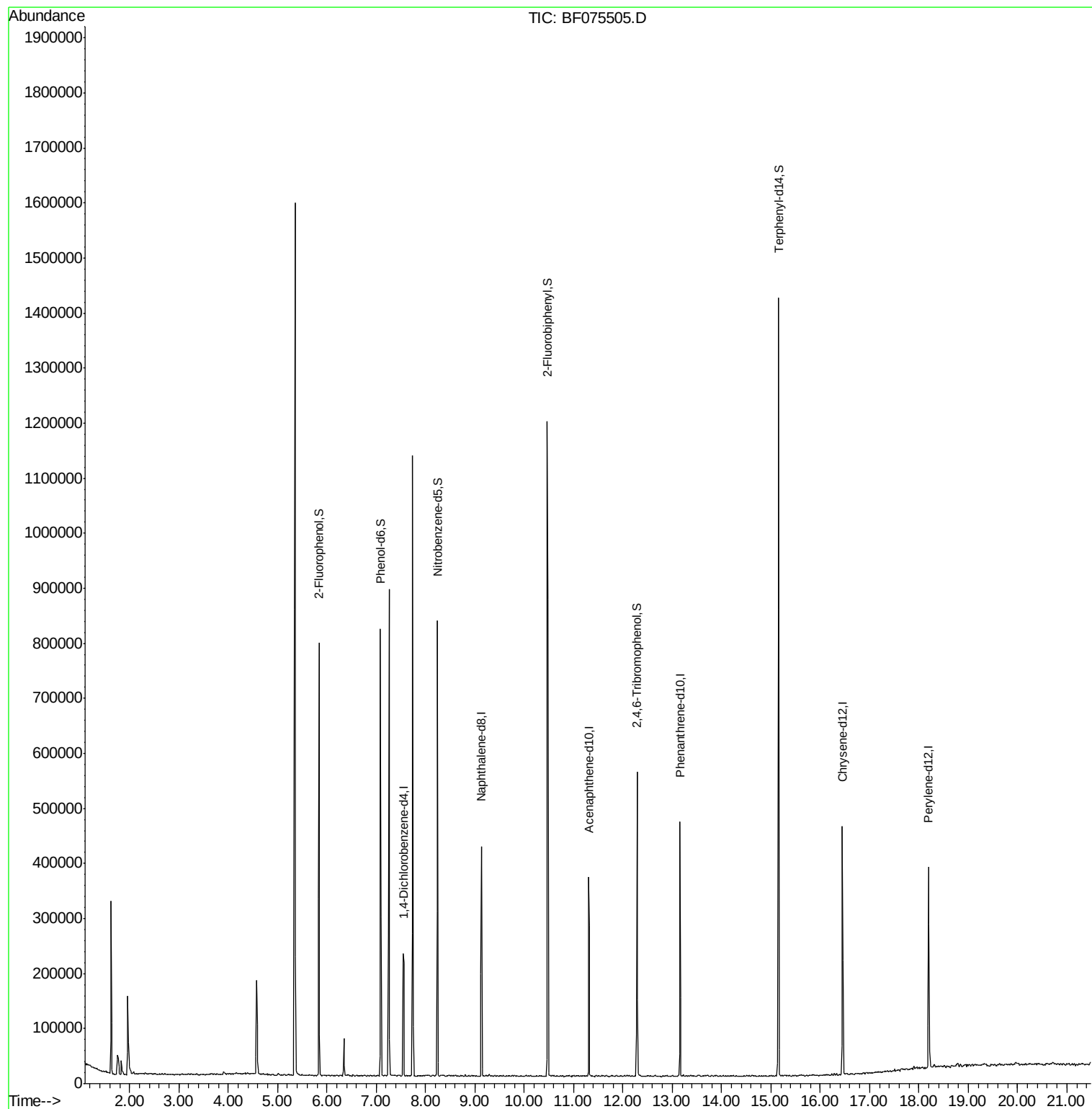
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075505.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

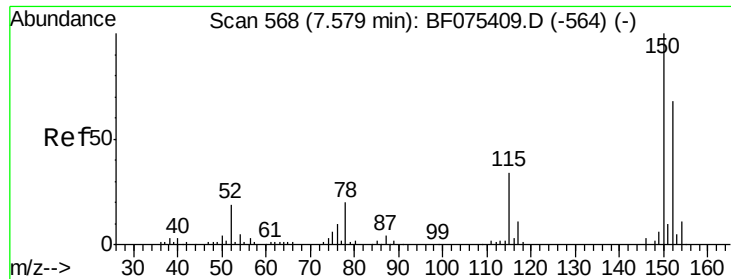
Instrument :
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#1

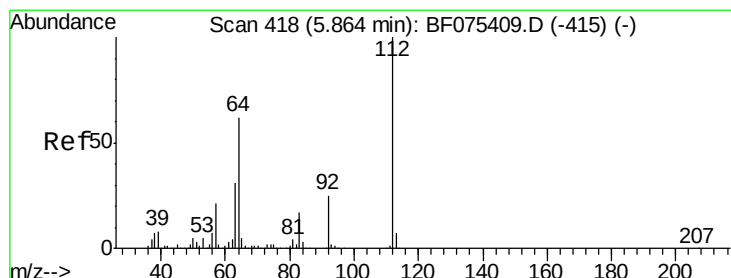
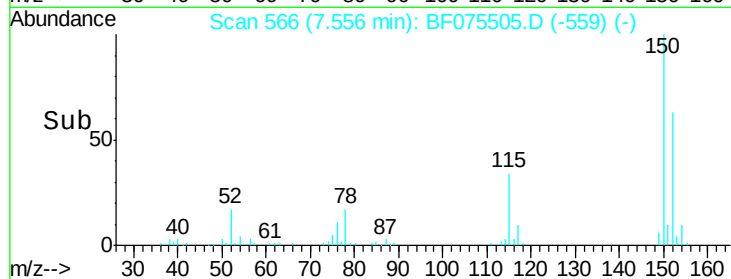
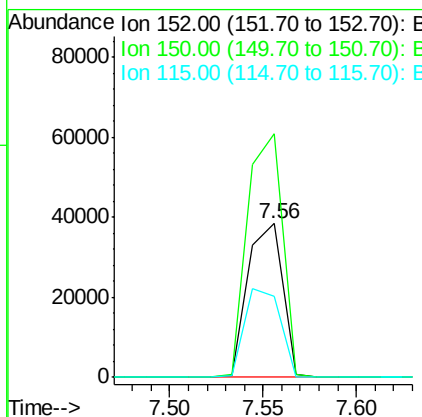
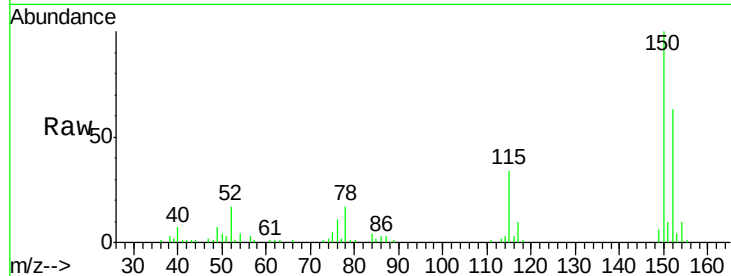
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075505.D
Acq: 14 Nov 2014 20:34

Instrument :
BNA_F
ClientSampleId :
PB80189BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.2	190.8
115	53.1	57.1	85.7

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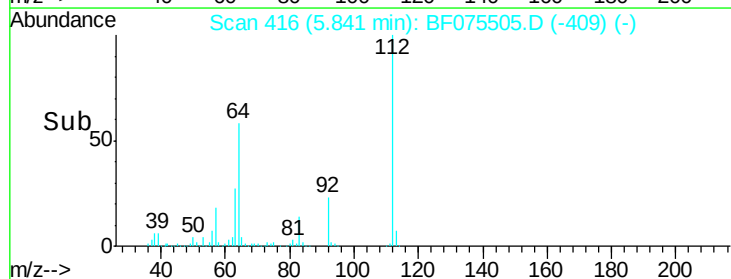
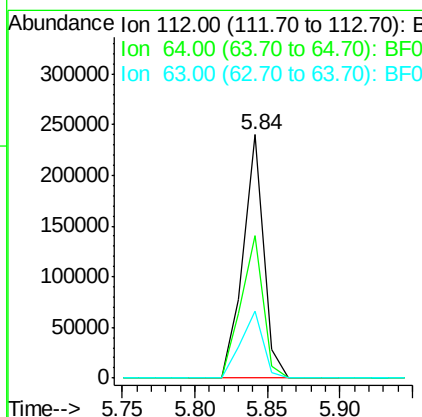
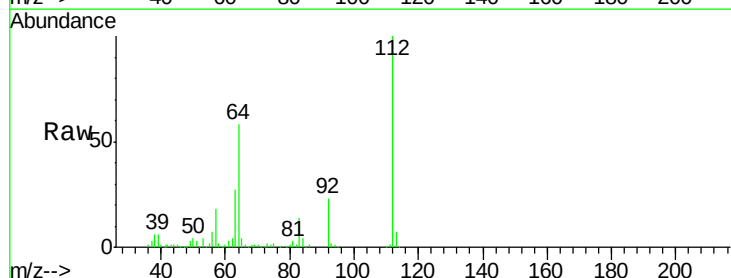
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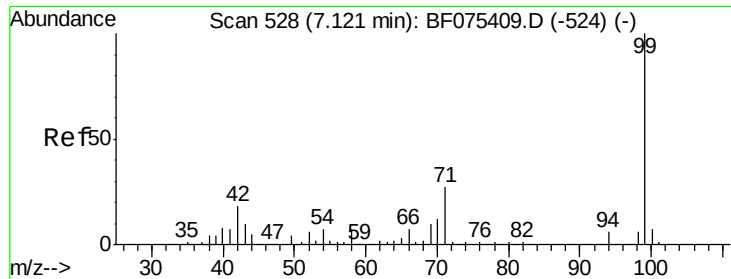


#5

2-Fluorophenol
Concen: 85.00 ng
RT: 5.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF075505.D
Acq: 14 Nov 2014 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.8	68.6
63	27.4	22.7	34.1





#7

Phenol-d6

Concen: 84.62 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075505.D

Acq: 14 Nov 2014 20:34

Instrument :

BNA_F

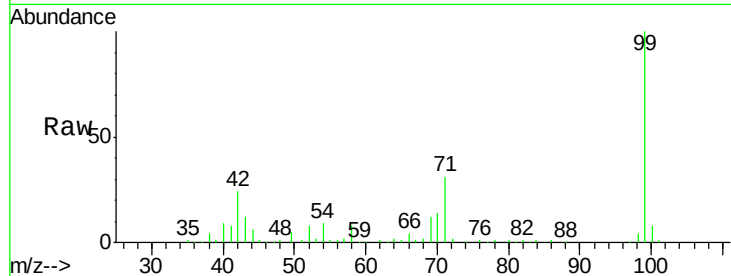
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PB80189BL

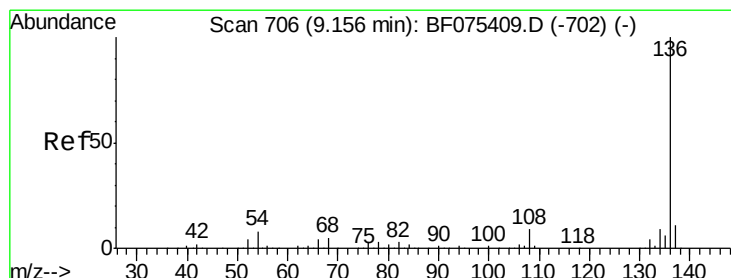
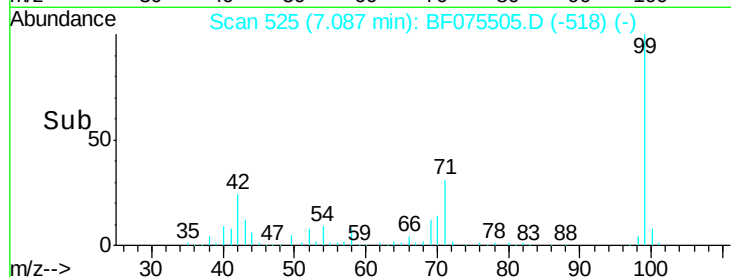
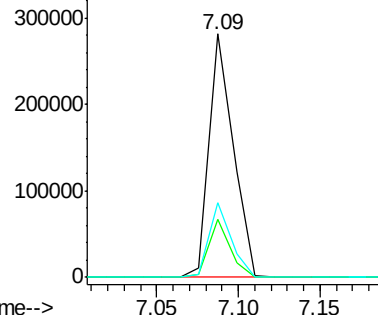
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		285867		
42	23.9	19.8	29.6		
71	30.5	25.5	38.3		

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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

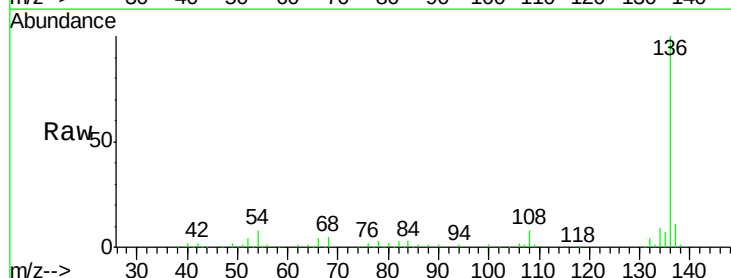
RT: 9.13 min Scan# 704

Delta R.T. -0.02 min

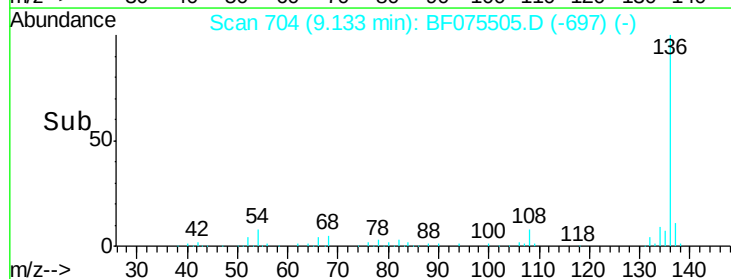
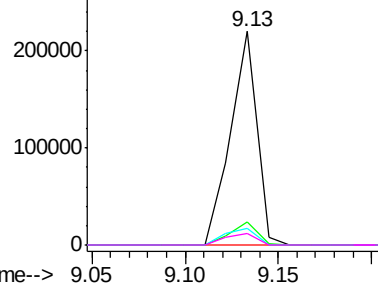
Lab File: BF075505.D

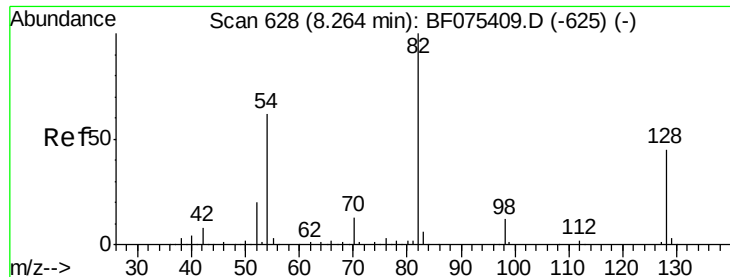
Acq: 14 Nov 2014 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		215500		
137	10.5	8.2	12.4		
54	7.9	6.2	9.4		
68	5.2	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





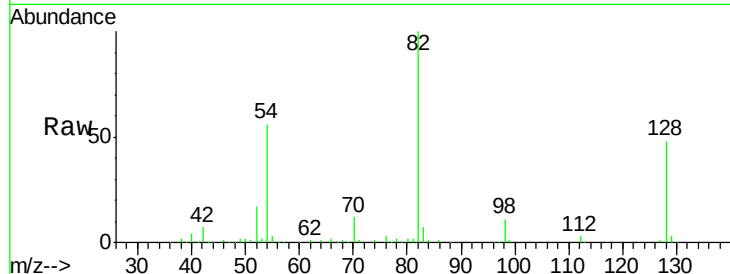
#23
Nitrobenzene-d5
Concen: 89.62 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075505.D
Acq: 14 Nov 2014 20:34

Instrument :
BNA_F
ClientSampleId :
PB80189BL

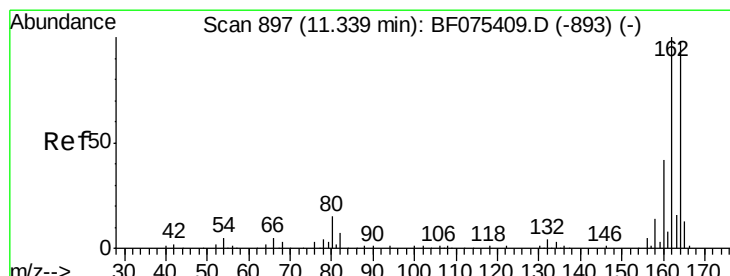
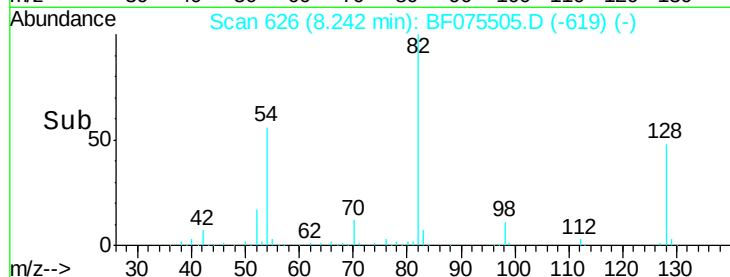
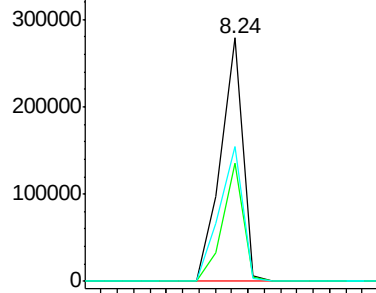
Tot Ion	Ratio	Resp	Lower	Upper
82	100	263419		
128	48.4		37.8	56.6
54	55.6		49.8	74.8

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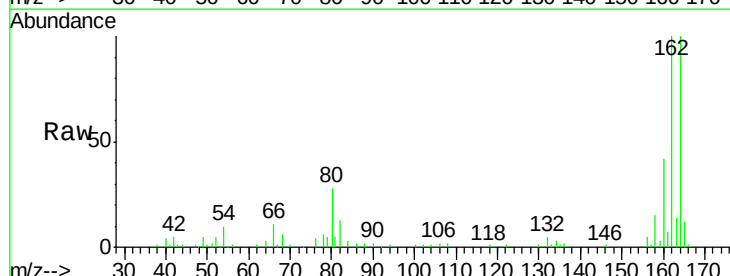


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

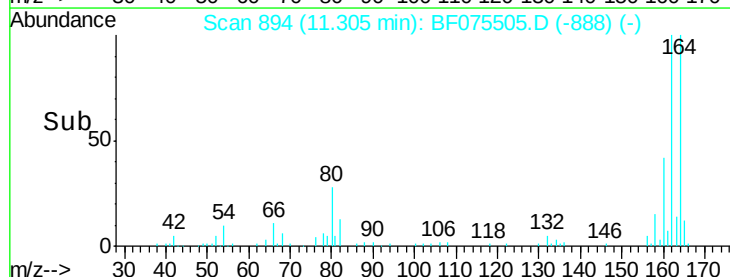
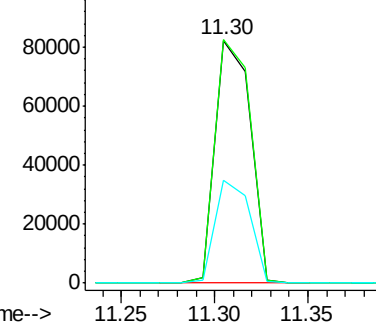


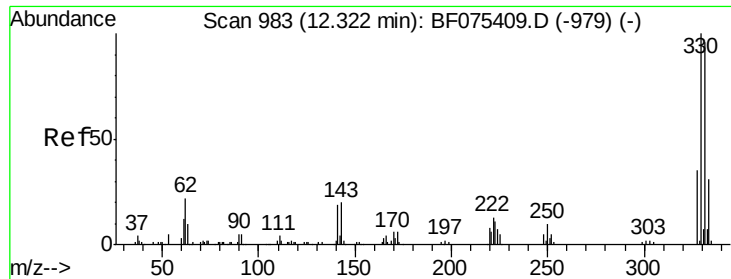
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF075505.D
Acq: 14 Nov 2014 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107633		
162	100.2		79.1	118.7
160	42.3		34.6	51.8



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





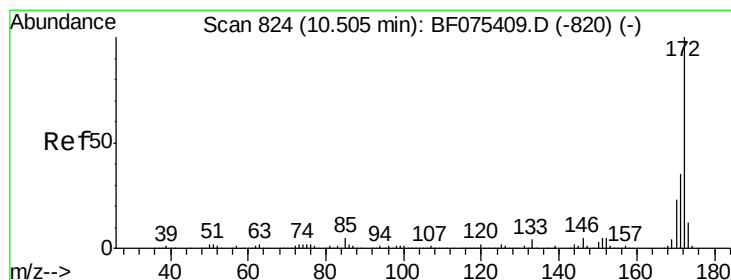
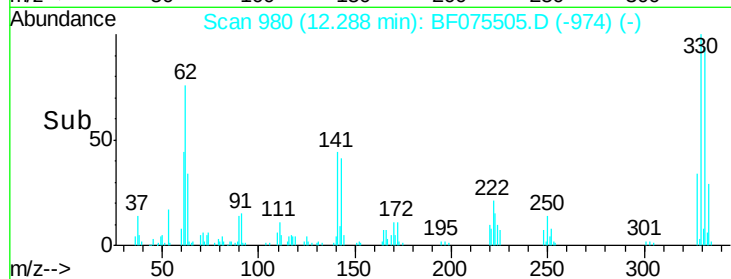
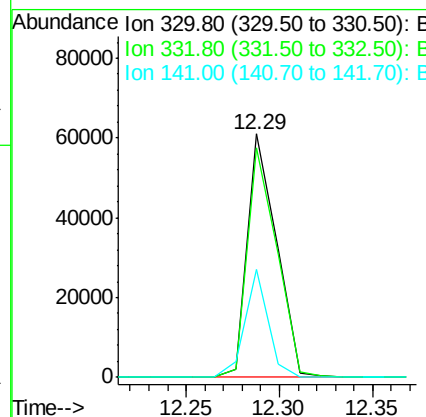
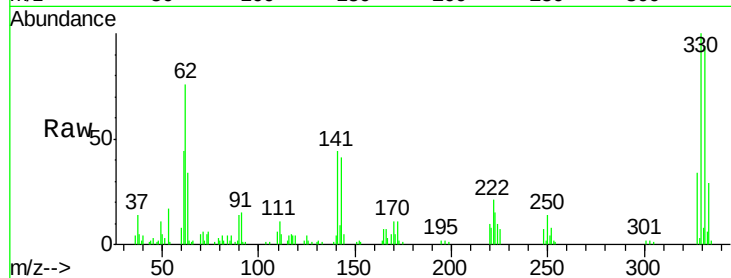
#41
 2,4,6-Tribromophenol
 Concen: 73.57 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075505.D
 Acq: 14 Nov 2014 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	74.5	111.7
141	35.7	30.7	46.1

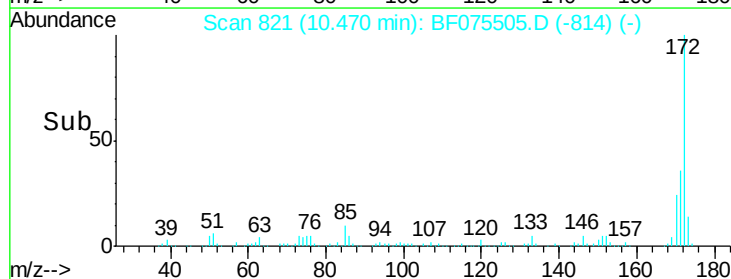
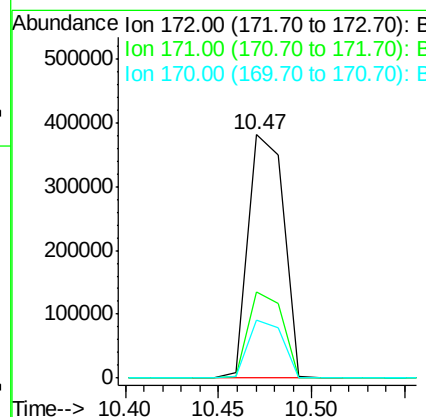
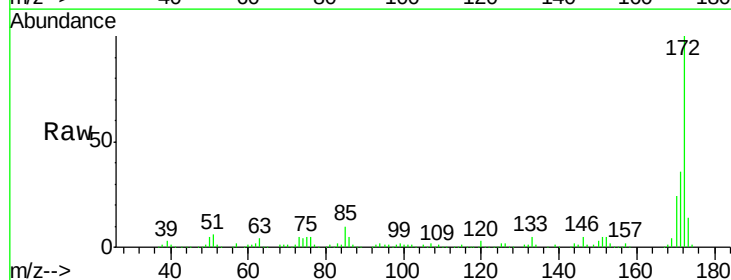
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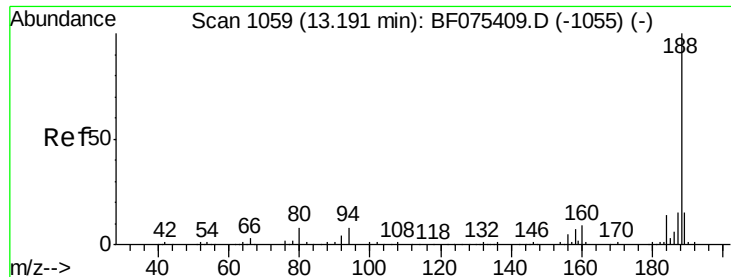
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#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075505.D
 Acq: 14 Nov 2014 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.3	40.9
170	23.7	18.4	27.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.16 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BF075505.D

Acq: 14 Nov 2014 20:34

Instrument :

BNA_F

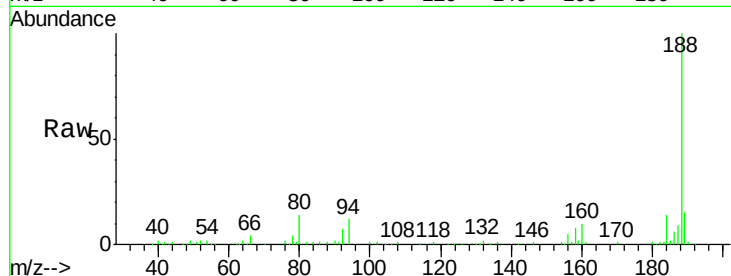
ClientSampled :

PB80189BL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	180122		
94	11.8	7.8	11.6#	
80	13.7	8.0	12.0#	

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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

250000

200000

150000

100000

50000

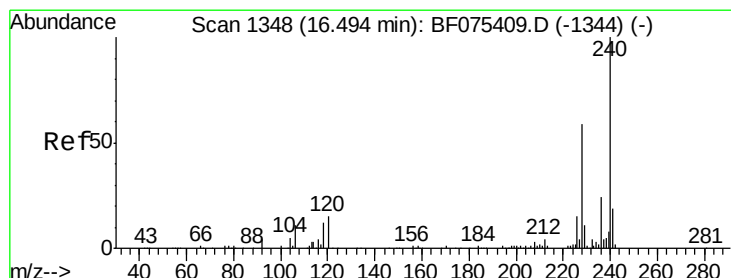
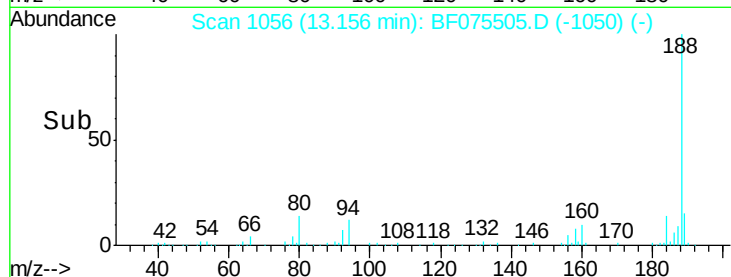
0

13.10

13.15

13.20

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

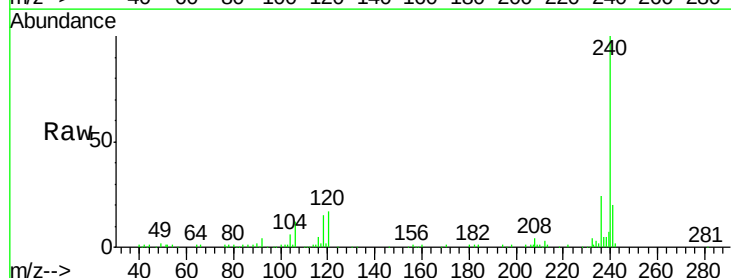
RT: 16.45 min Scan# 1344

Delta R.T. -0.09 min

Lab File: BF075505.D

Acq: 14 Nov 2014 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187857		
120	16.6	9.6	14.4#	
236	24.0	18.9	28.3	



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

200000

150000

100000

50000

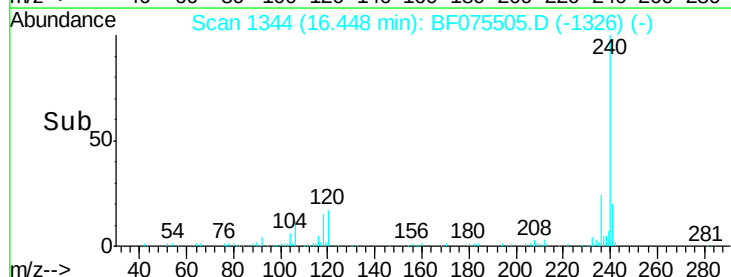
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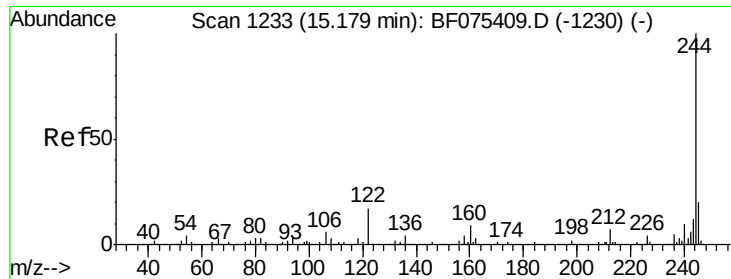
16.40

16.45

16.50

Time-->





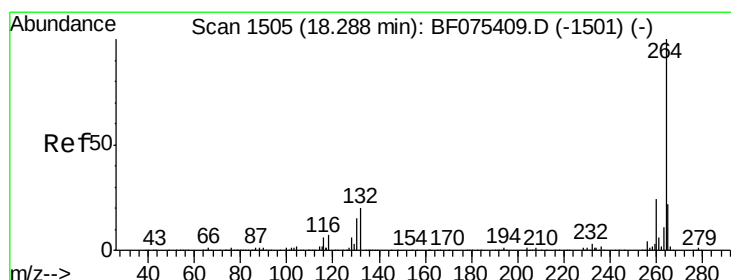
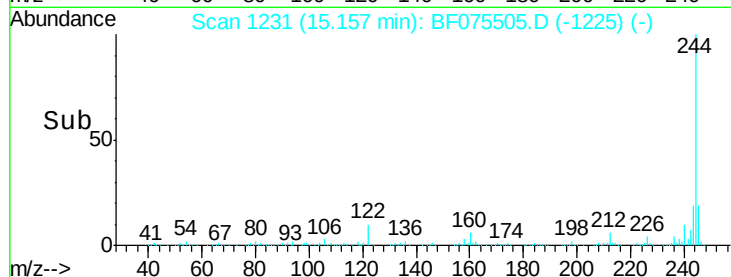
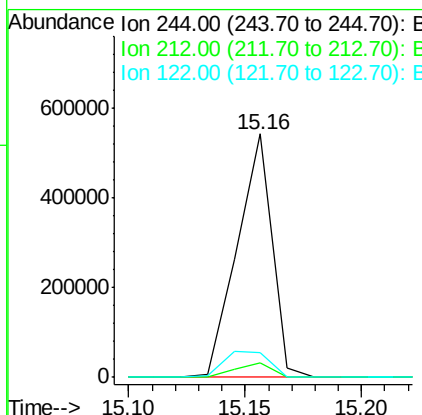
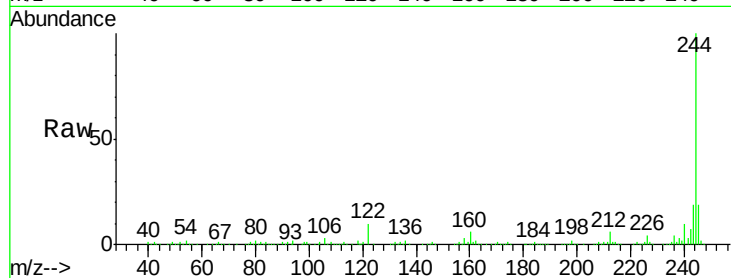
#78
 Terphenyl-d14
 Concen: 82.13 ng/ml
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075505.D
 Acq: 14 Nov 2014 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	5.9		5.5	8.3	
122	10.1		9.7	14.5	

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.20 min Scan# 1497
 Delta R.T. -0.24 min
 Lab File: BF075505.D
 Acq: 14 Nov 2014 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	22.2		17.9	26.9	
265	20.9		16.3	24.5	

