

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075509.D
 Acq On : 14 Nov 2014 22:27
 Operator : TP / JJ
 Sample : PB80231TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80231TB

Manual Integrations
 APPROVED

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 11/17/2014 7:34:30 PM

Quant Time: Nov 15 00:45:40 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	50045	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	216872	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	106209	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	180485	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	192400	20.00	ng	-0.09
86) Perylene-d12	18.21	264	203461	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	49761	17.57	ng	-0.02
7) Phenol-d6	7.09	99	61710	18.11	ng	-0.02
23) Nitrobenzene-d5	8.24	82	31183	10.54	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	12288	13.81	ng	-0.03
44) 2-Fluorobiphenyl	10.47	172	66481	11.31	ng	-0.02
78) Terphenyl-d14	15.15	244	69298m	9.70	ng	-0.05

Target Compounds Qvalue

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

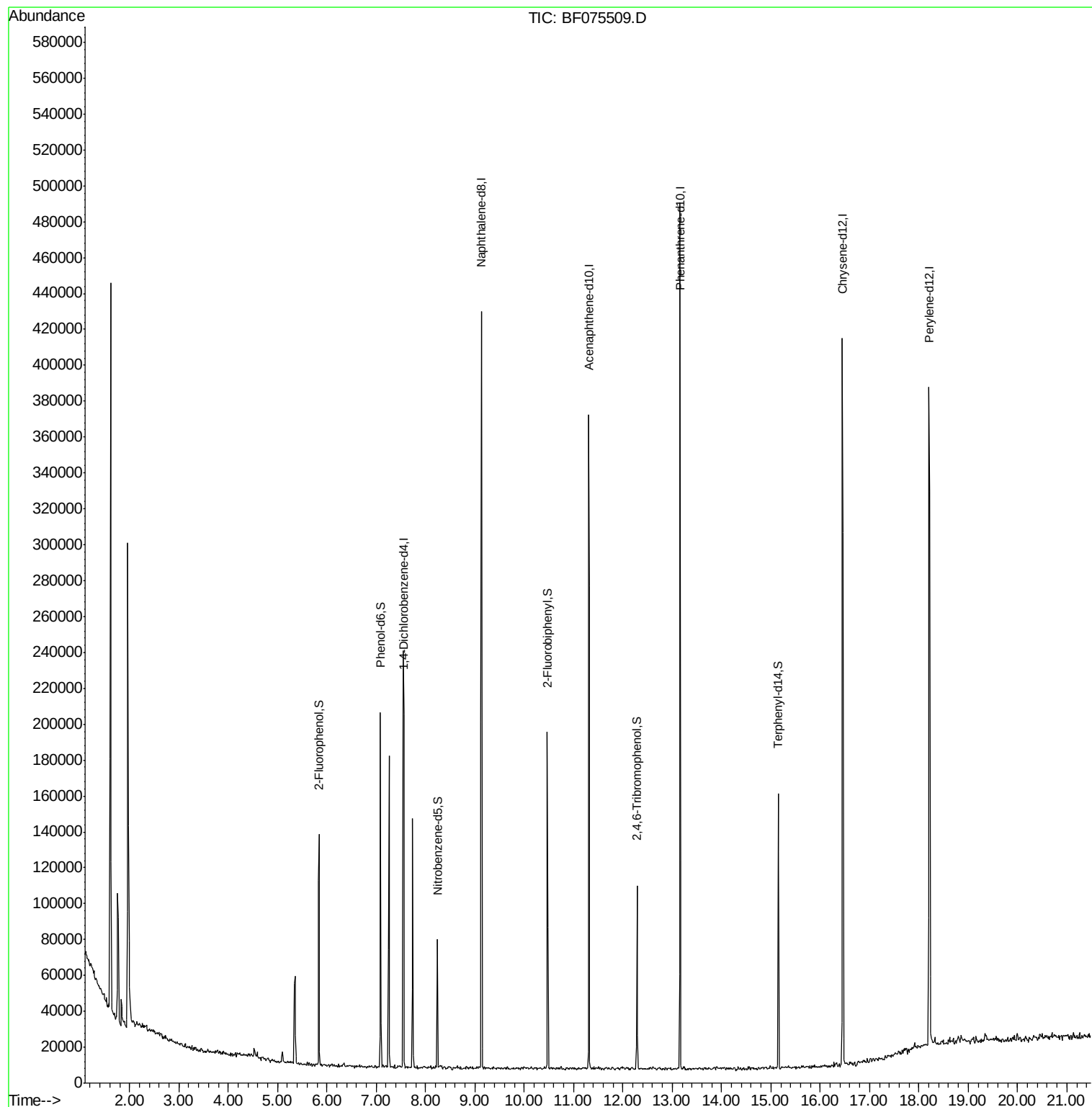
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
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ALS Vial : 13 Sample Multiplier: 1

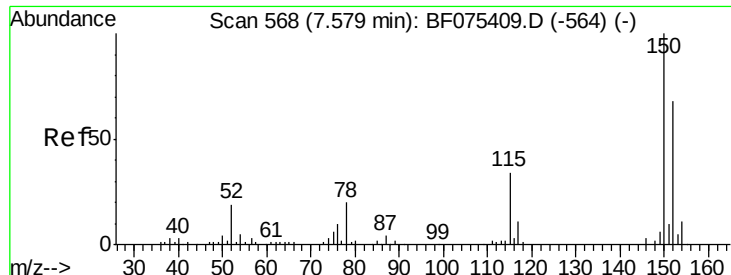
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#1

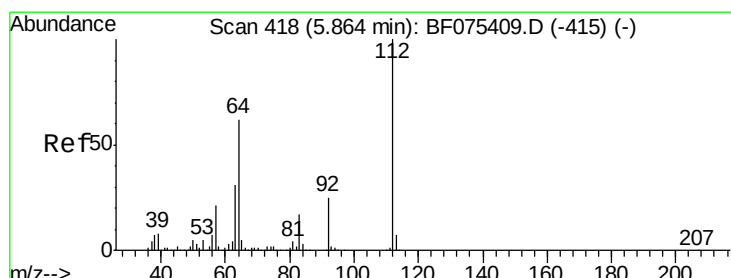
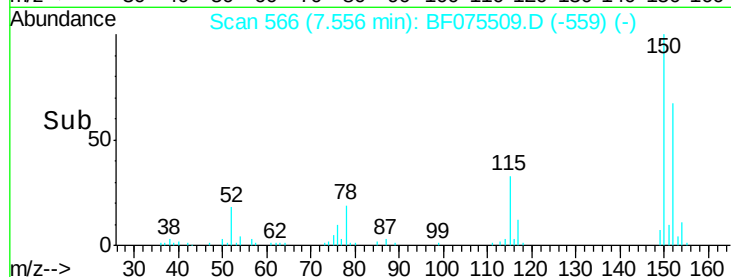
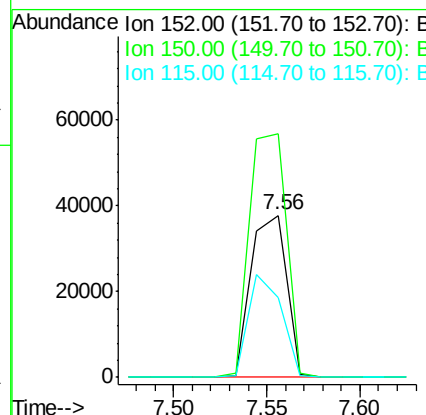
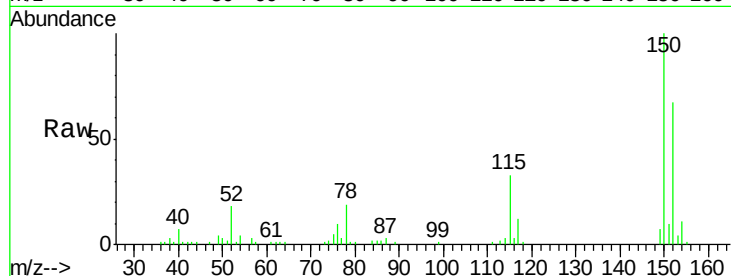
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075509.D
Acq: 14 Nov 2014 22:27

Instrument :
BNA_F
ClientSampleId :
PB80231TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	127.2	190.8
115	49.4	57.1	85.7

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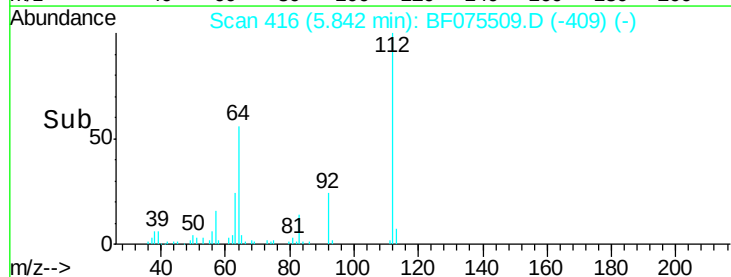
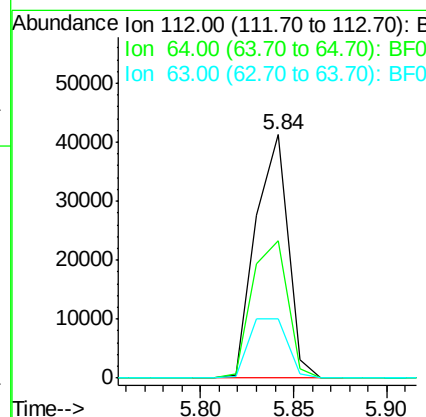
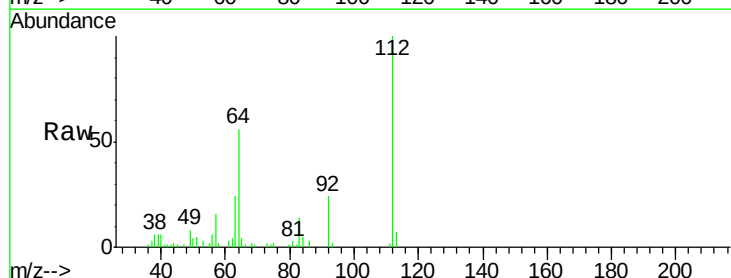
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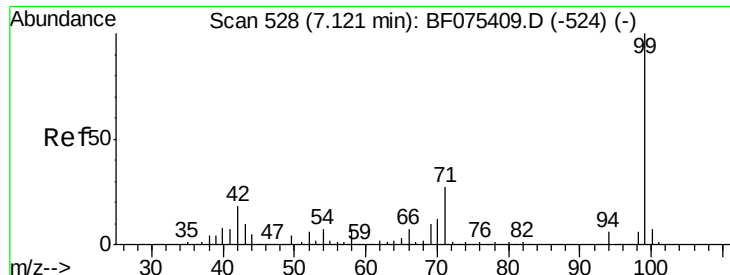


#5

2-Fluorophenol
Concen: 17.57 ng
RT: 5.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF075509.D
Acq: 14 Nov 2014 22:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.8	68.6
63	24.4	22.7	34.1





#7

Phenol-d6

Concen: 18.11 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075509.D

Acq: 14 Nov 2014 22:27

Instrument :

BNA_F

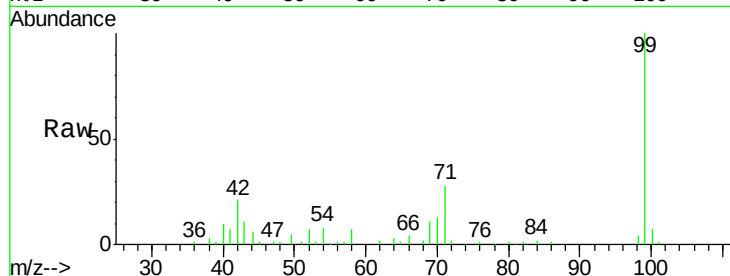
ClientSampled :

PB80231TB

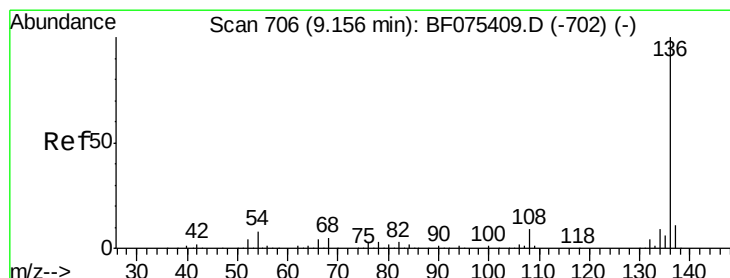
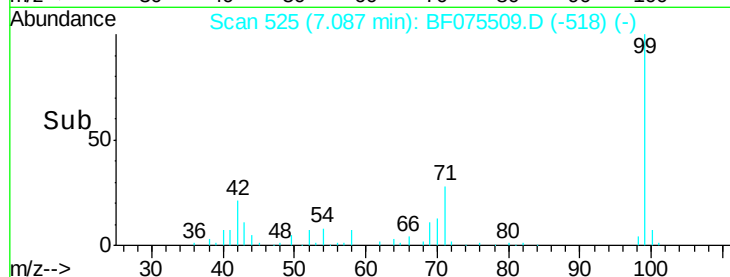
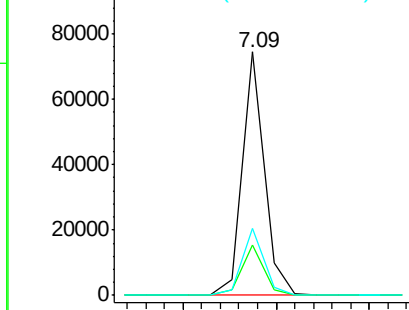
Tot Ion:	99	Resp:	61710
Ion Ratio	Lower	Upper	
99	100		
42	20.8	19.8	29.6
71	27.8	25.5	38.3

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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

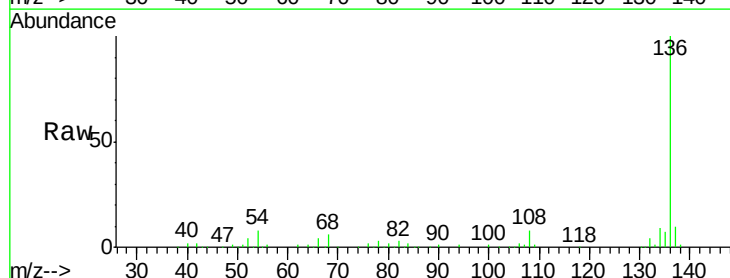
RT: 9.13 min Scan# 704

Delta R.T. -0.02 min

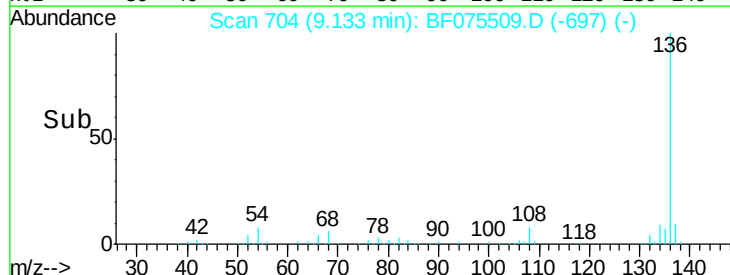
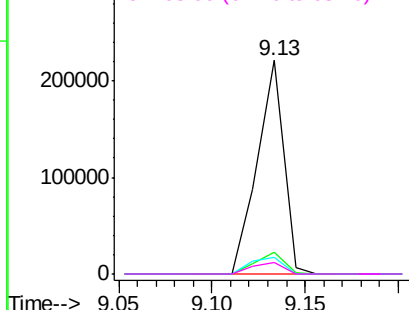
Lab File: BF075509.D

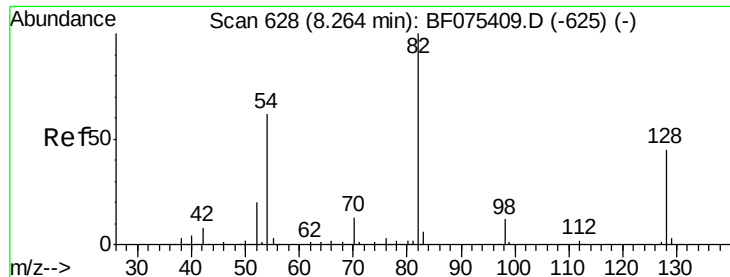
Acq: 14 Nov 2014 22:27

Tgt Ion:	136	Resp:	216872
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.2	12.4
54	7.7	6.2	9.4
68	5.5	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: 10.54 ng

RT: 8.24 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF075509.D

Acq: 14 Nov 2014 22:27

Instrument :

BNA_F

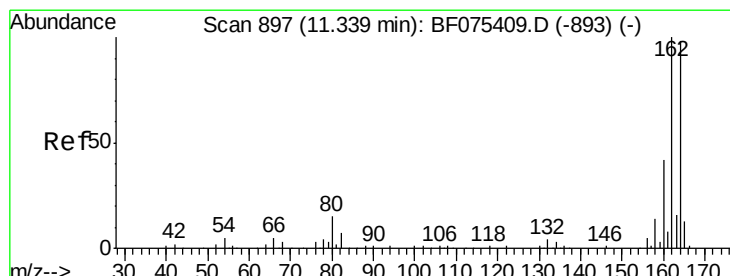
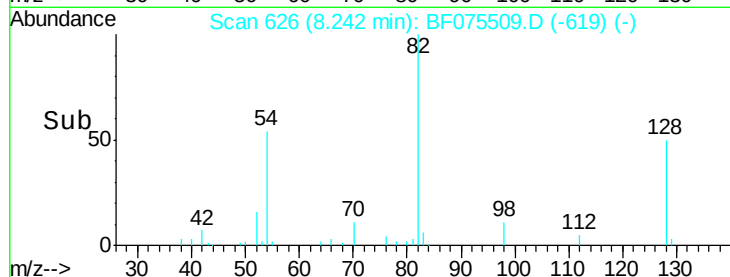
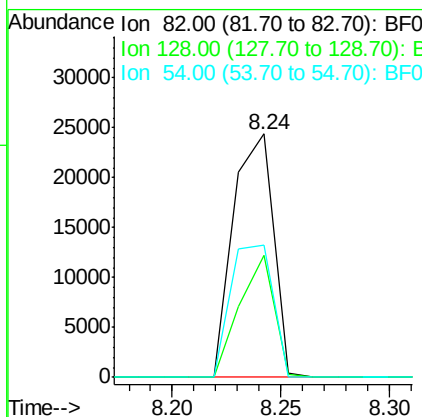
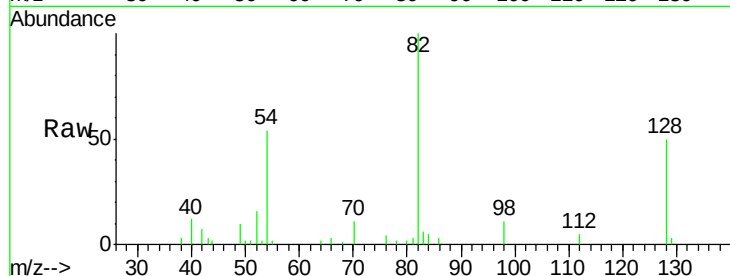
ClientSampleId :

PB80231TB

Tot Ion:	82	Resp:	31183
Ion Ratio	Lower	Upper	
82	100		
128	50.1	37.8	56.6
54	54.1	49.8	74.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

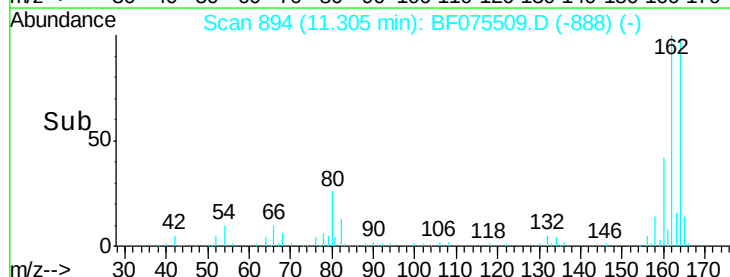
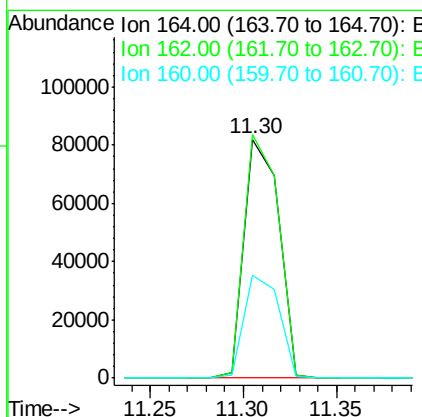
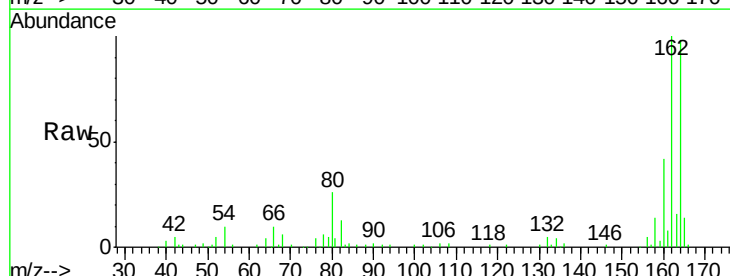
RT: 11.30 min Scan# 894

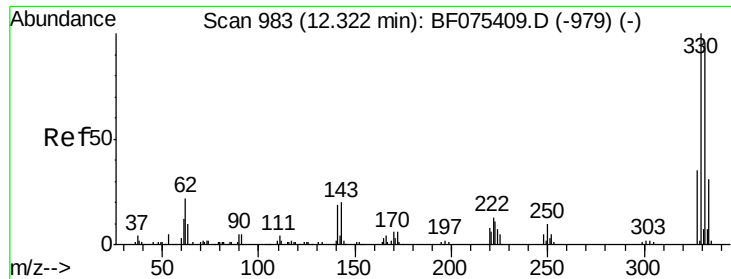
Delta R.T. -0.03 min

Lab File: BF075509.D

Acq: 14 Nov 2014 22:27

Tgt Ion:	164	Resp:	106209
Ion Ratio	Lower	Upper	
164	100		
162	102.0	79.1	118.7
160	43.2	34.6	51.8





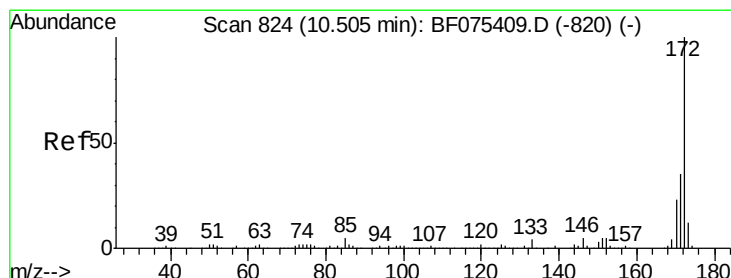
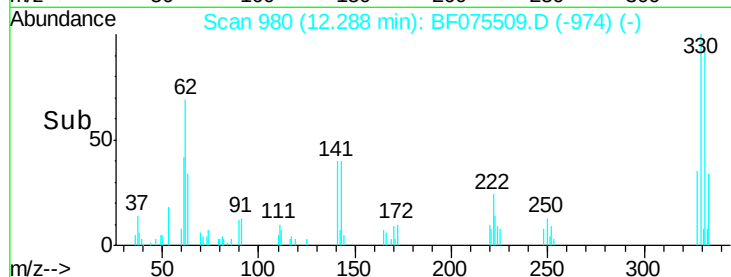
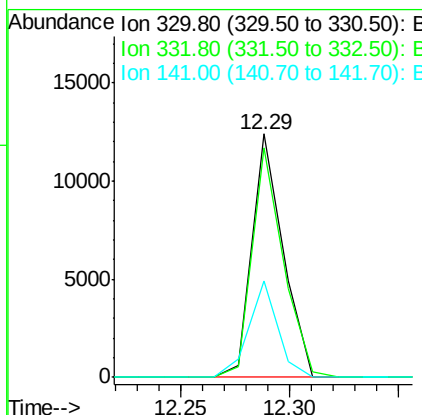
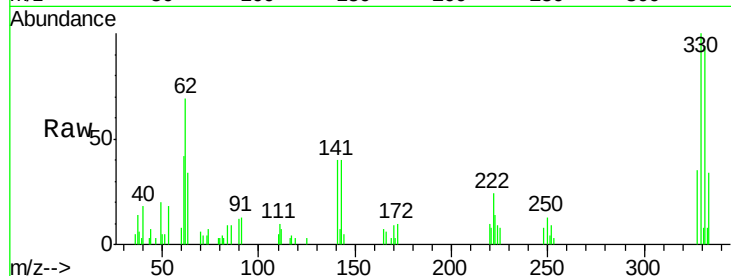
#41
 2,4,6-Tribromophenol
 Concen: 13.81 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075509.D
 Acq: 14 Nov 2014 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB80231TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	74.5	111.7
141	37.0	30.7	46.1

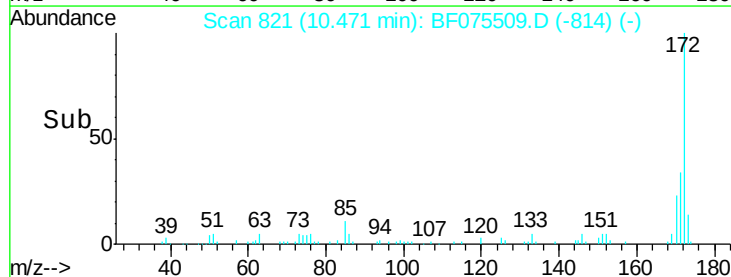
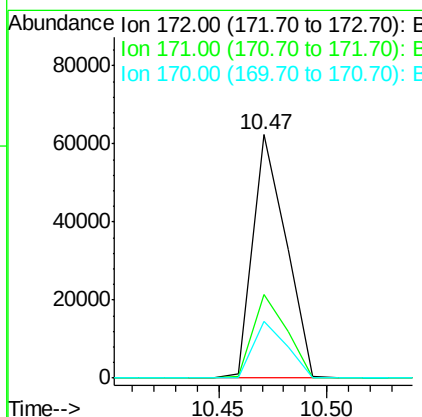
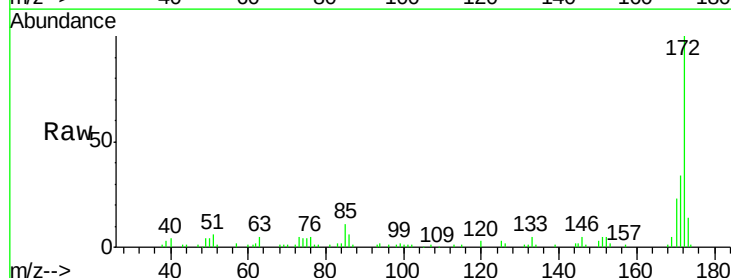
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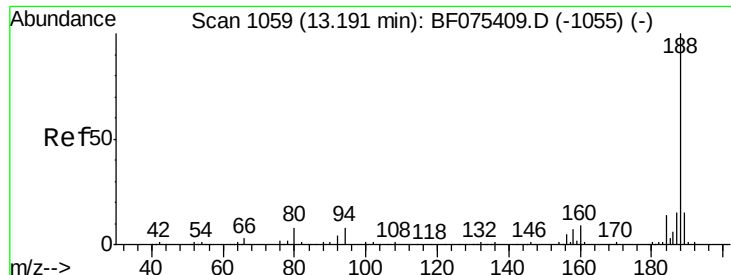
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#44
 2-Fluorobiphenyl
 Concen: 11.31 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF075509.D
 Acq: 14 Nov 2014 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.3	40.9
170	23.5	18.4	27.6





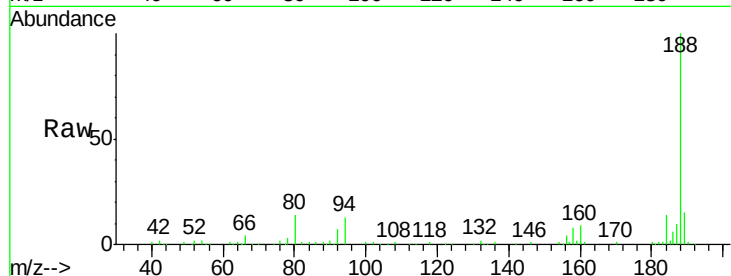
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075509.D
Acq: 14 Nov 2014 22:27

Instrument :
BNA_F
ClientSampled :
PB80231TB

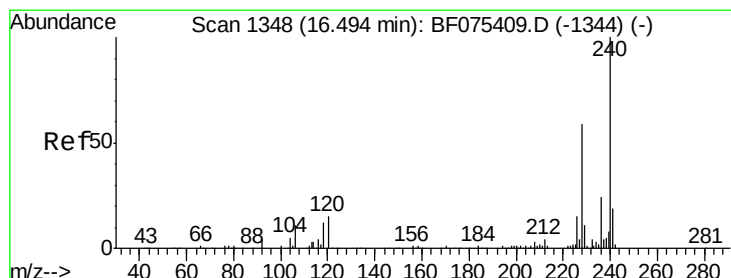
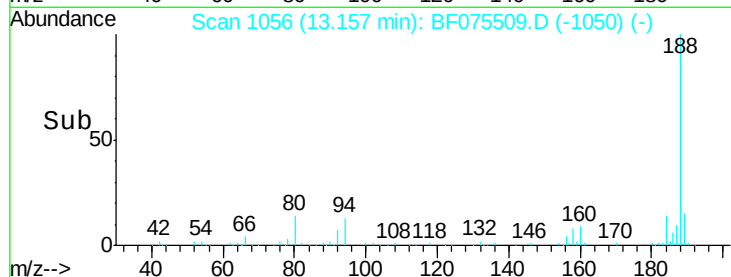
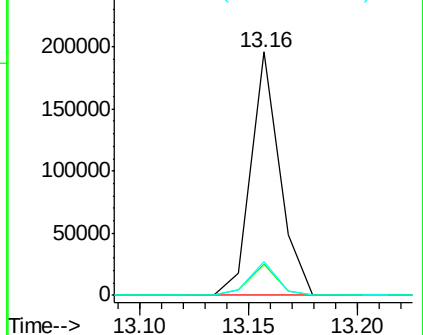
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.5	7.8	11.6#
80	13.7	8.0	12.0#

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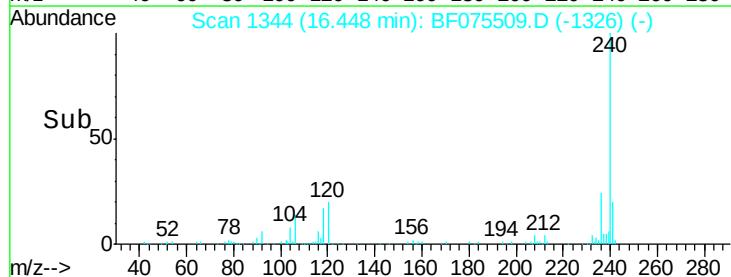
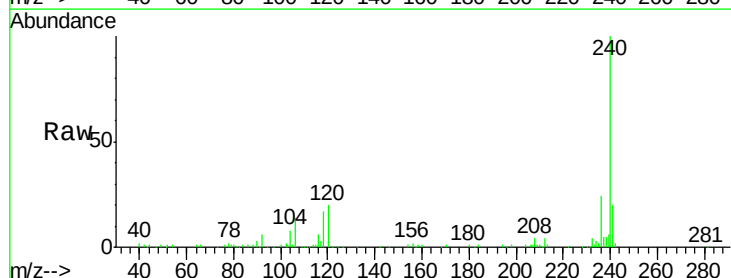
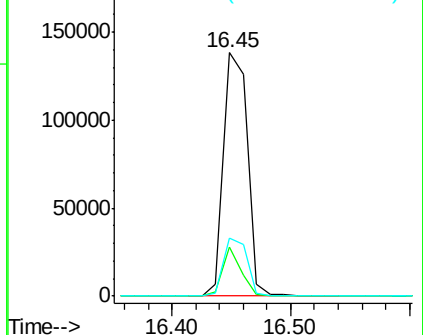
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

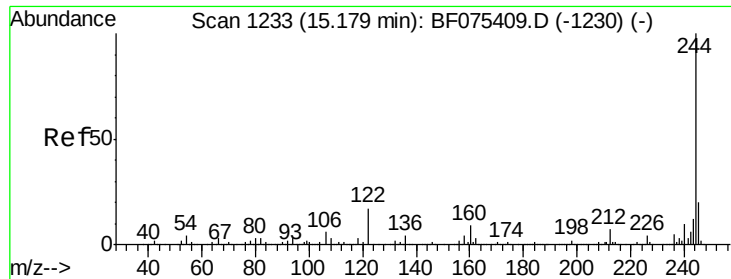


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.09 min
Lab File: BF075509.D
Acq: 14 Nov 2014 22:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	20.0	9.6	14.4#
236	23.6	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





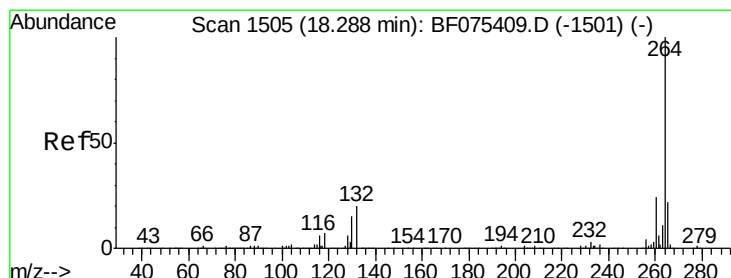
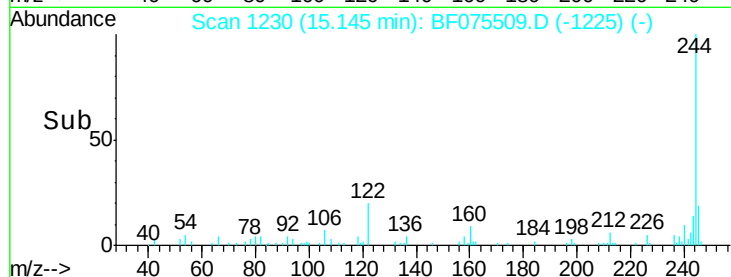
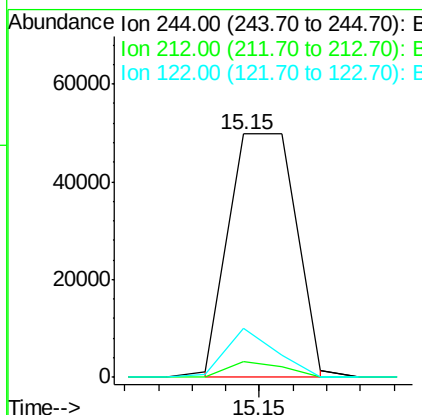
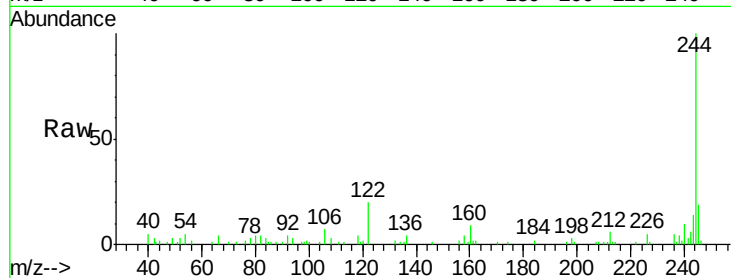
#78
 Terphenyl-d14
 Concen: 9.70 ng/ml
 RT: 15.15 min Scan# 1230
 Delta R.T. -0.05 min
 Lab File: BF075509.D
 Acq: 14 Nov 2014 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB80231TB

Tot Ion	Ratio	Resp	Lower	Upper
244	100	69298		
212	6.5		5.5	8.3
122	20.4		9.7	14.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. -0.23 min
 Lab File: BF075509.D
 Acq: 14 Nov 2014 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	203461		
260	22.1		17.9	26.9
265	21.4		16.3	24.5

