

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075503.D
 Acq On : 14 Nov 2014 19:37
 Operator : TP / JJ
 Sample : PB80327BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80327BL

Manual Integrations
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Quant Time: Nov 14 23:50:05 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	85604	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	375587	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	185348	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	307840	20.00	ng	-0.03
75) Chrysene-d12	16.47	240	327664	20.00	ng	-0.07
86) Perylene-d12	18.27	264	318555	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	388766	80.23	ng	-0.02
7) Phenol-d6	7.09	99	463792	79.59	ng	-0.02
23) Nitrobenzene-d5	8.24	82	266526	52.03	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	102900	66.28	ng	-0.03
44) 2-Fluorobiphenyl	10.48	172	505069	49.24	ng	-0.01
78) Terphenyl-d14	15.16	244	543585	44.66	ng	-0.03

Target Compounds Qvalue

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

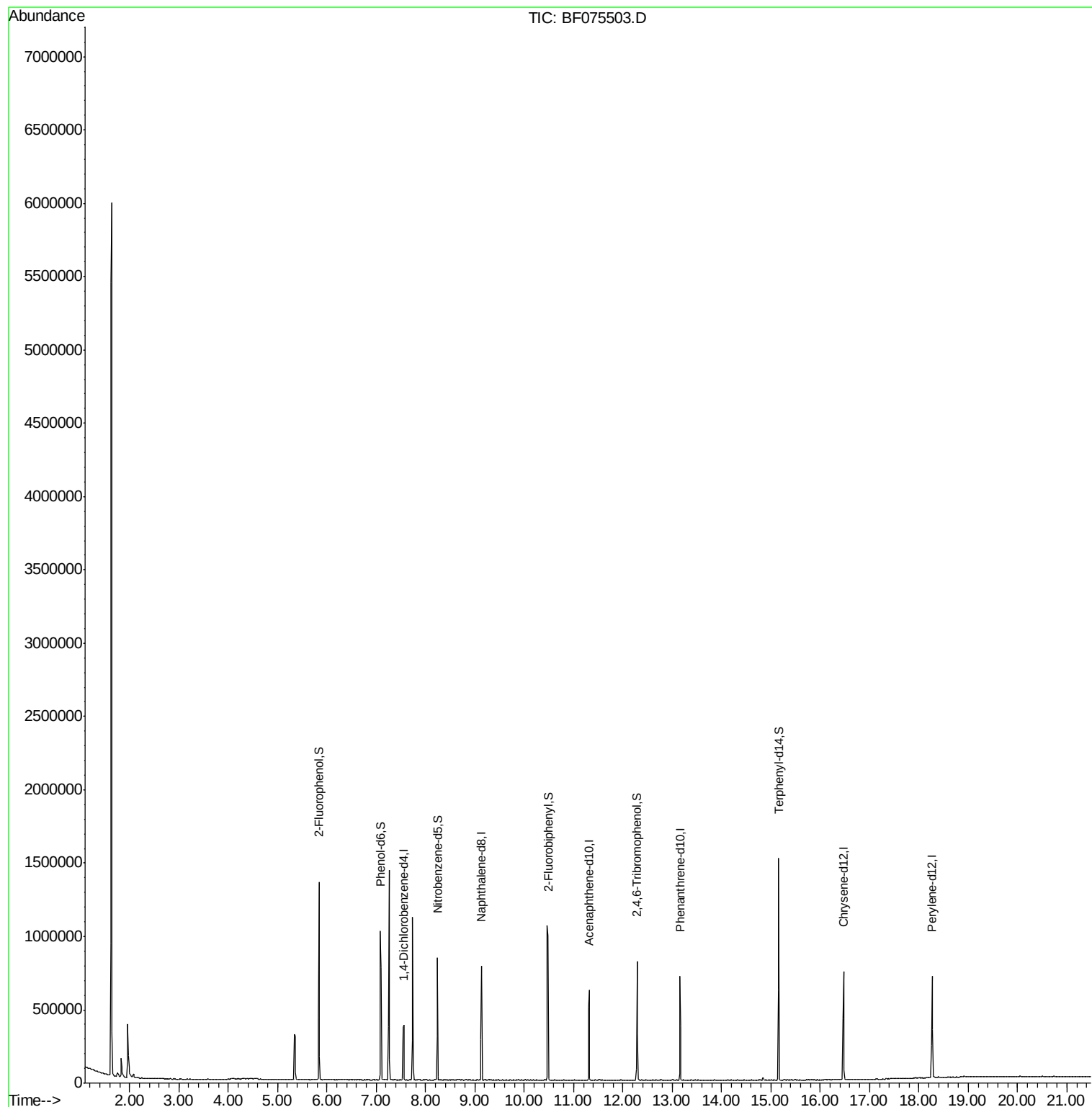
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
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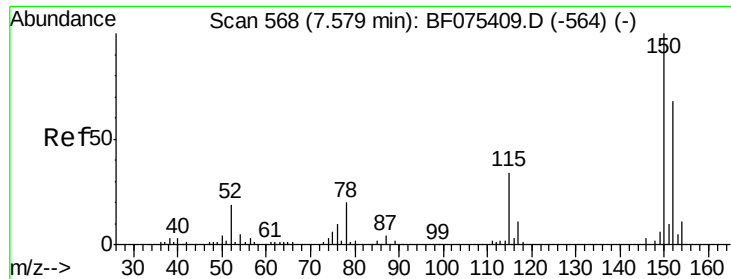
Instrument :
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#1

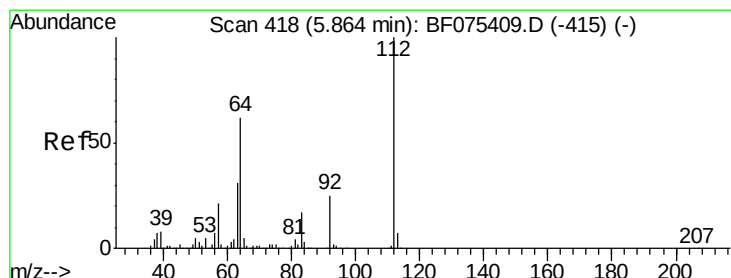
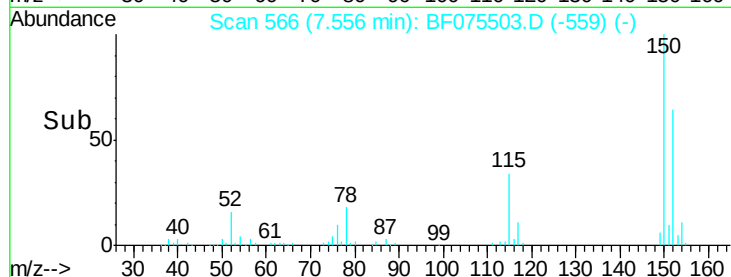
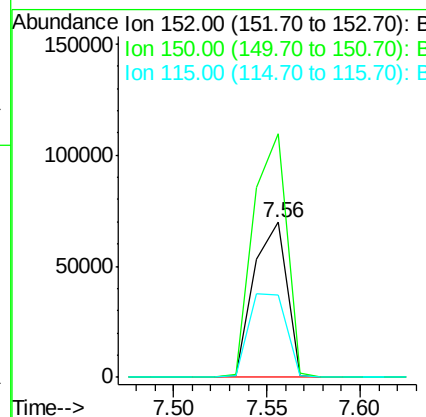
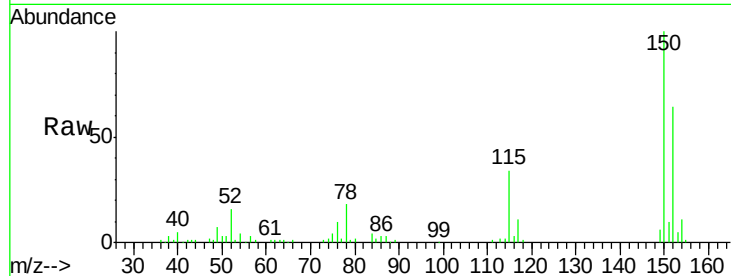
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075503.D
Acq: 14 Nov 2014 19:37

Instrument :
BNA_F
ClientSampleId :
PB80327BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.2	190.8
115	52.8	57.1	85.7

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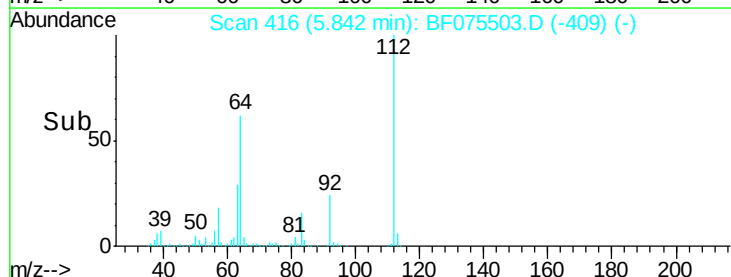
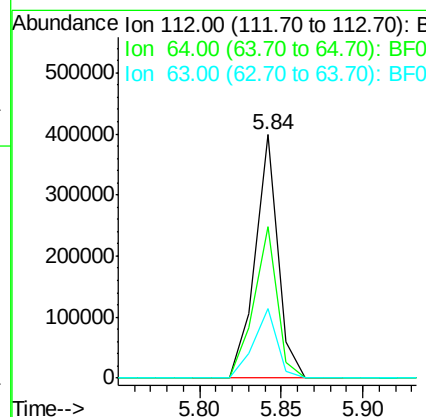
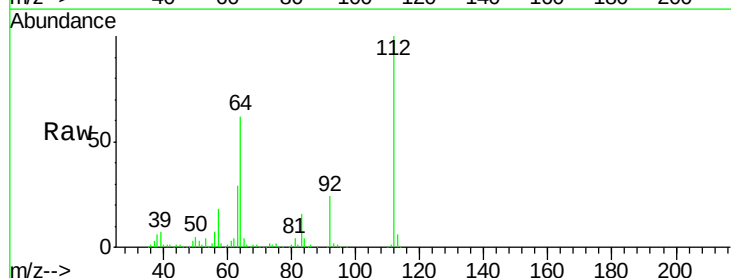
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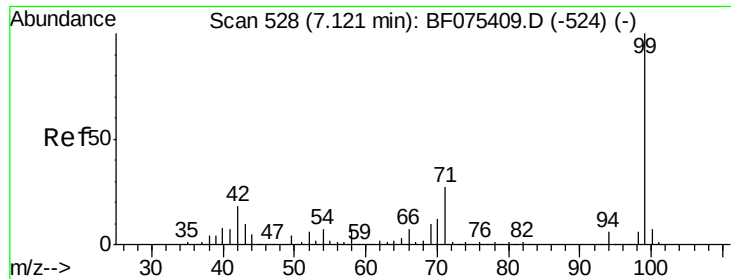


#5

2-Fluorophenol
Concen: 80.23 ng
RT: 5.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF075503.D
Acq: 14 Nov 2014 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	45.8	68.6
63	28.8	22.7	34.1





#7

Phenol-d6

Concen: 79.59 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075503.D

Acq: 14 Nov 2014 19:37

Instrument :

BNA_F

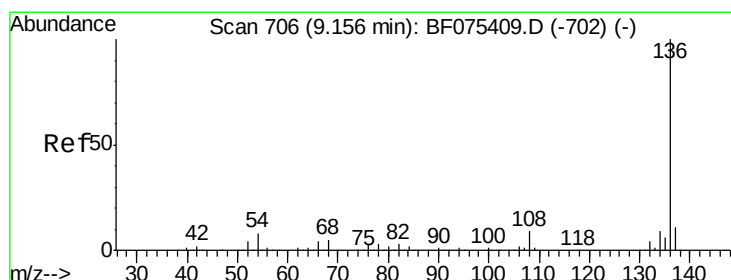
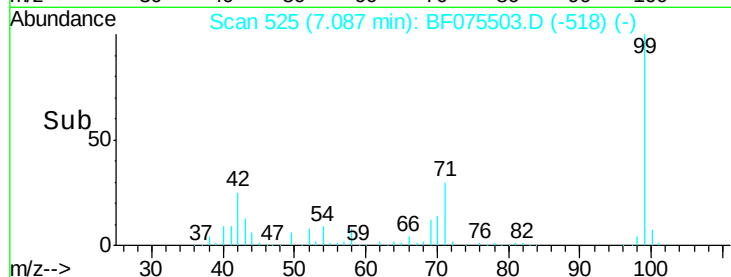
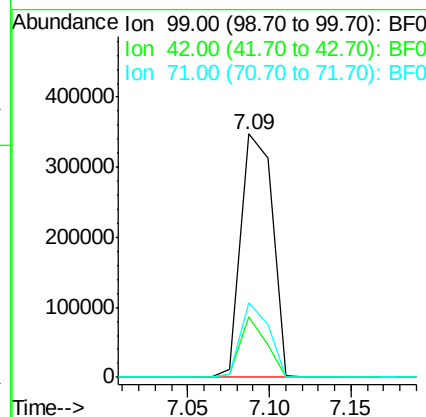
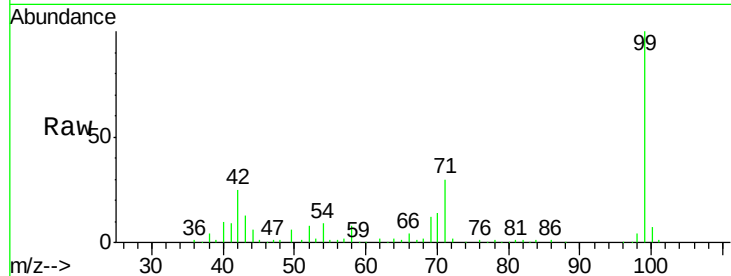
ClientSampleId :

PB80327BL

Tot Ion:	99	Resp:	463792
Ion Ratio	Lower	Upper	
99	100		
42	24.9	19.8	29.6
71	30.4	25.5	38.3

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#21

Naphthalene-d8

Concen: 20.00 ng

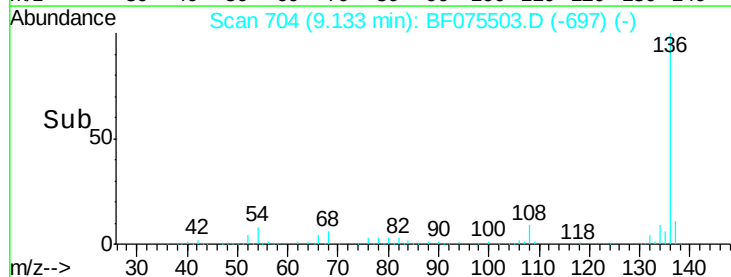
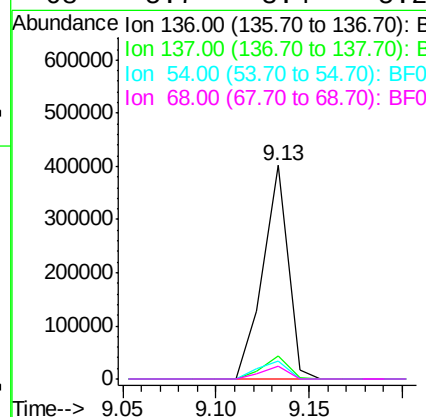
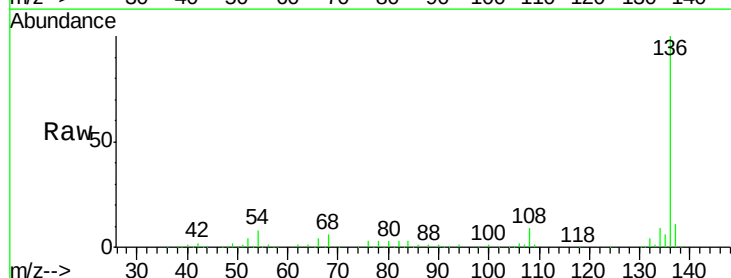
RT: 9.13 min Scan# 704

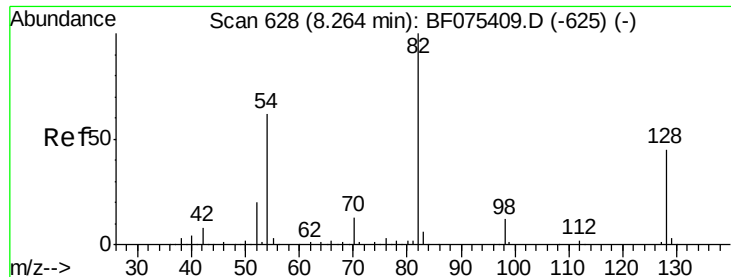
Delta R.T. -0.02 min

Lab File: BF075503.D

Acq: 14 Nov 2014 19:37

Tgt Ion:	136	Resp:	375587
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.4
54	8.2	6.2	9.4
68	5.7	3.4	5.2#





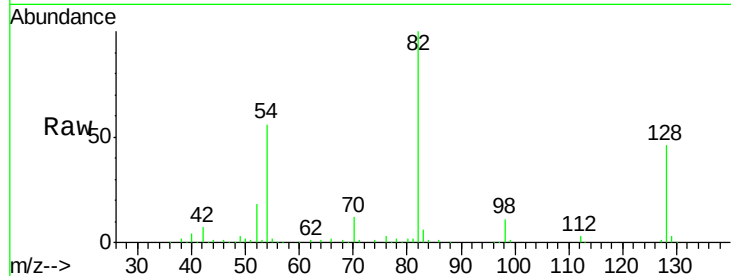
#23
Nitrobenzene-d5
Concen: 52.03 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075503.D
Acq: 14 Nov 2014 19:37

Instrument :
BNA_F
ClientSampleId :
PB80327BL

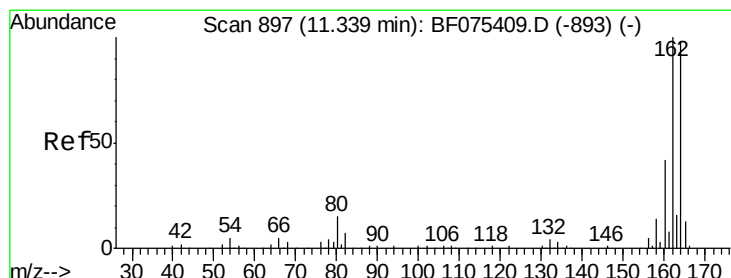
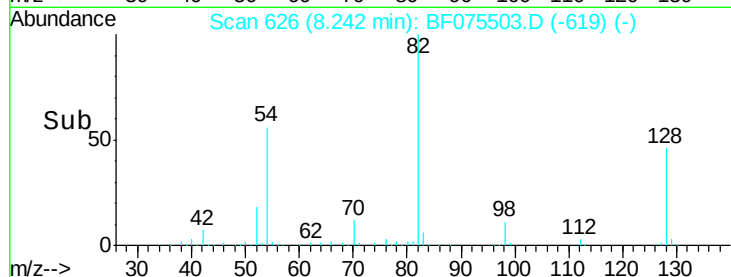
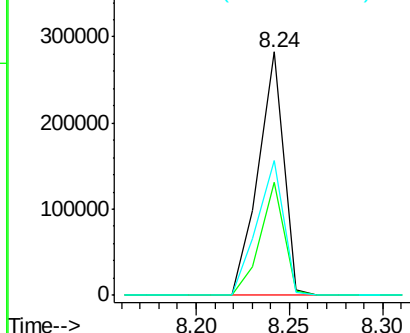
Tot Ion	Ratio	Resp	Lower	Upper
82	100	266526		
128	46.4		37.8	56.6
54	55.5		49.8	74.8

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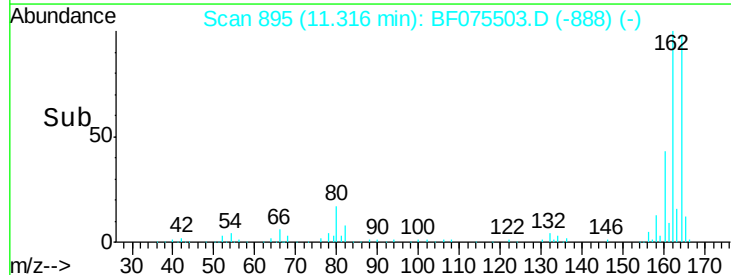
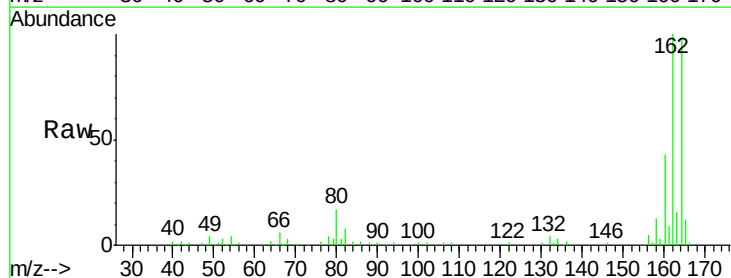
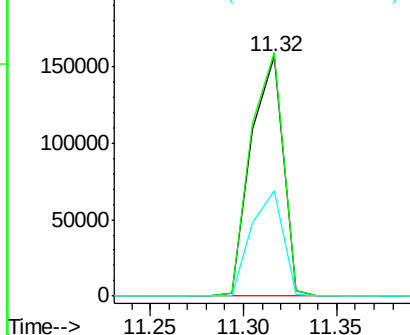
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

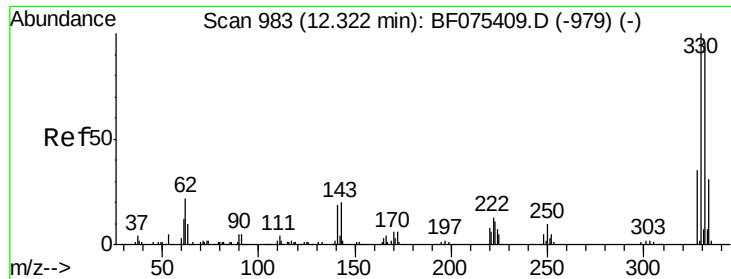


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075503.D
Acq: 14 Nov 2014 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185348		
162	101.7		79.1	118.7
160	43.8		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





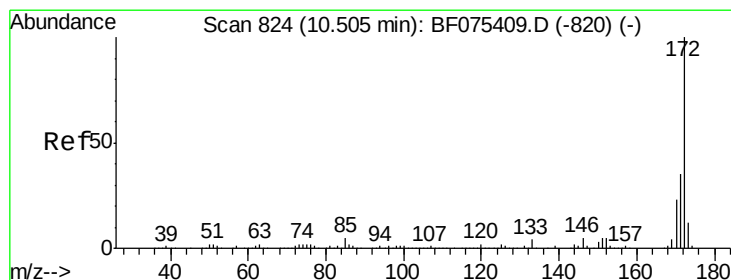
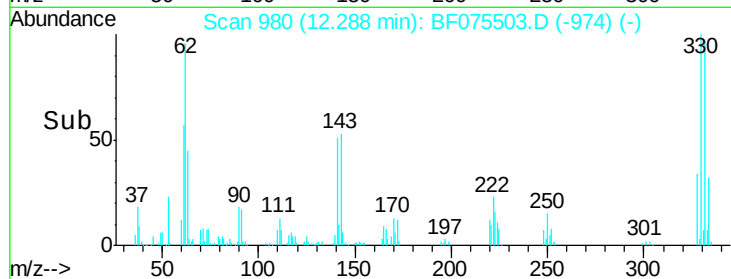
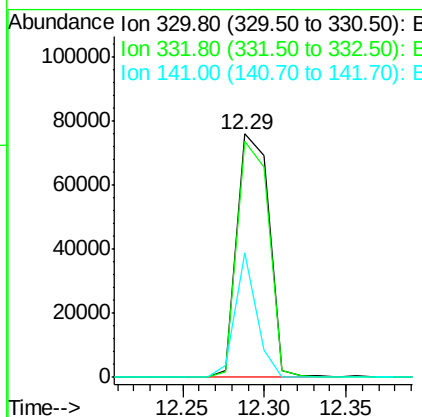
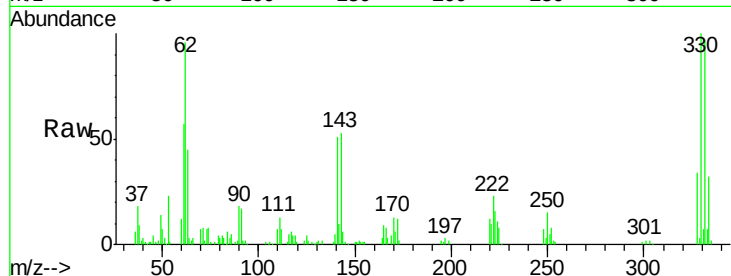
#41
 2,4,6-Tribromophenol
 Concen: 66.28 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF075503.D
 Acq: 14 Nov 2014 19:37

Instrument :
 BNA_F
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 PB80327BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	74.5	111.7	
141	34.1	30.7	46.1	

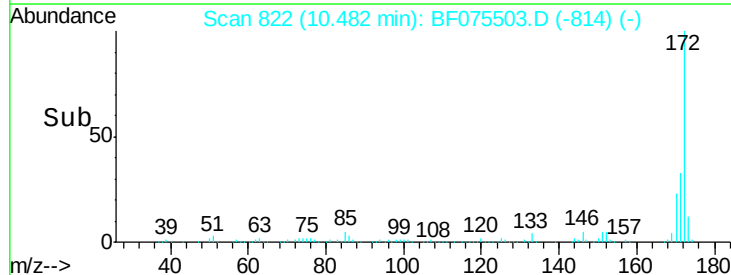
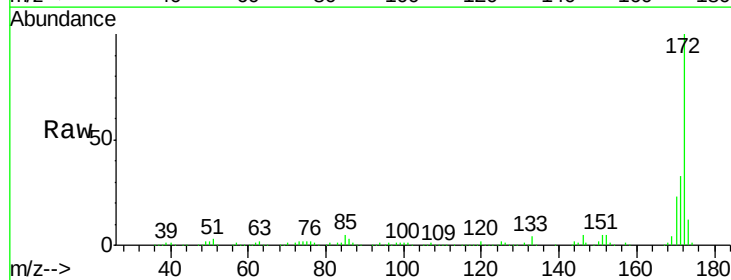
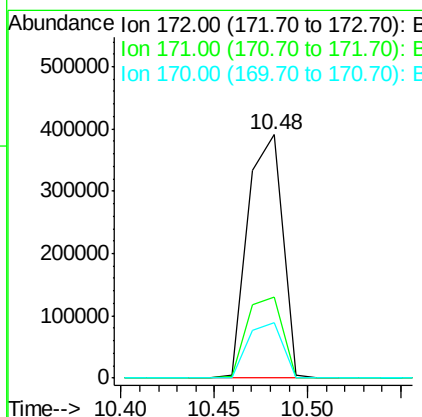
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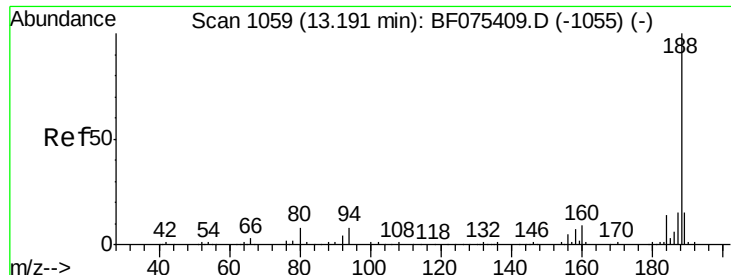
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#44
 2-Fluorobiphenyl
 Concen: 49.24 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075503.D
 Acq: 14 Nov 2014 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.5	27.3	40.9	
170	22.7	18.4	27.6	





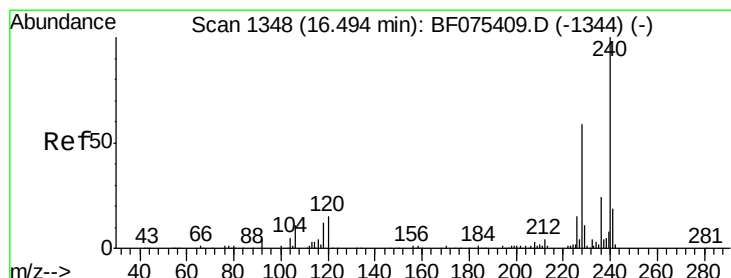
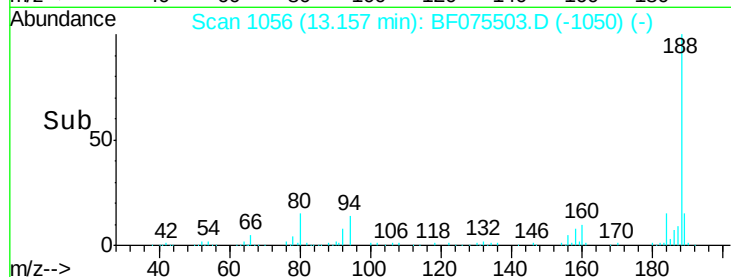
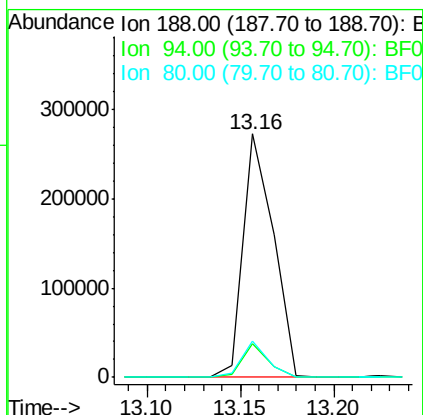
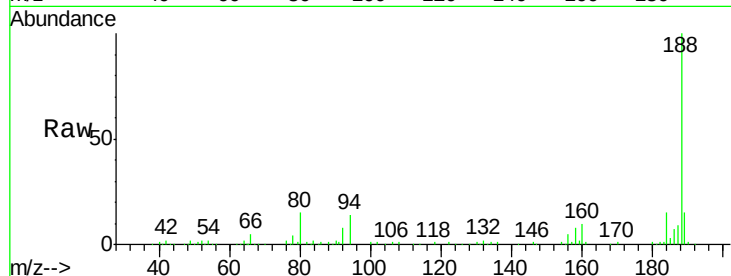
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075503.D
Acq: 14 Nov 2014 19:37

Instrument :
BNA_F
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PB80327BL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	307840		
94	13.9		7.8	11.6#
80	15.1		8.0	12.0#

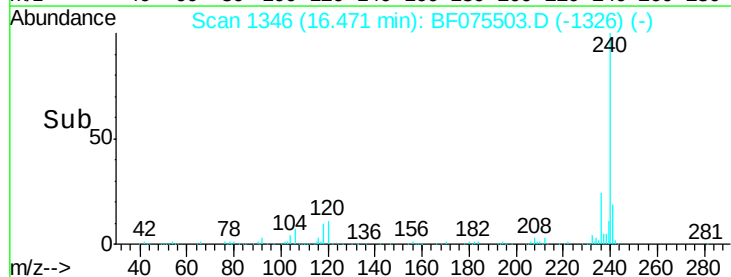
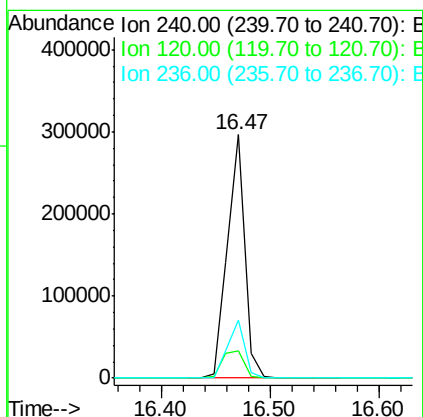
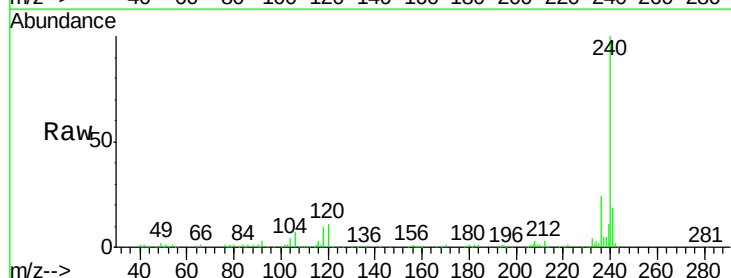
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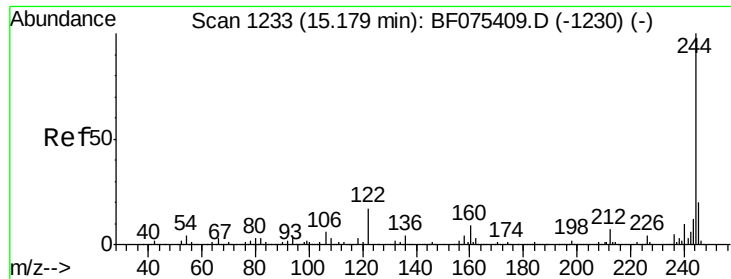
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.47 min Scan# 1346
Delta R.T. -0.07 min
Lab File: BF075503.D
Acq: 14 Nov 2014 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	327664		
120	11.1		9.6	14.4
236	23.7		18.9	28.3





#78

Terphenyl-d14

Concen: 44.66 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF075503.D

Acq: 14 Nov 2014 19:37

Instrument :

BNA_F

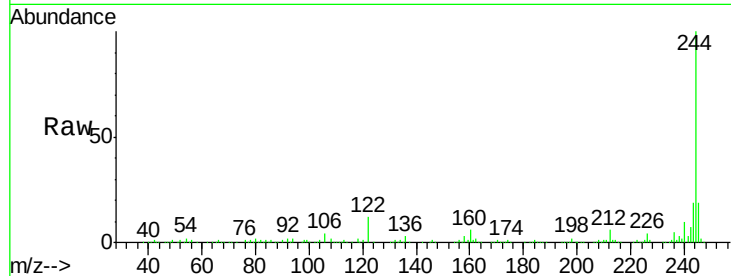
ClientSampleId :

PB80327BL

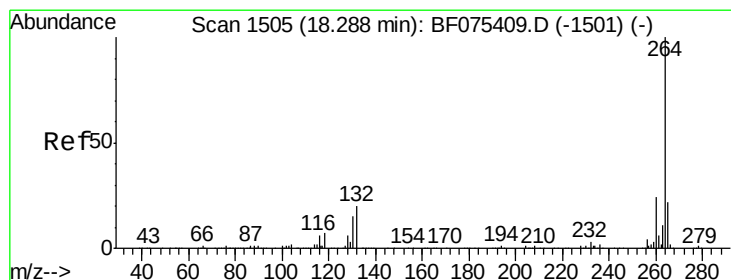
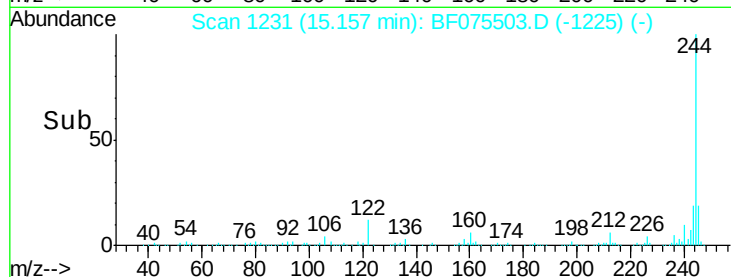
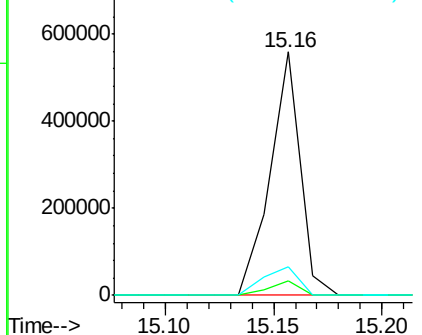
Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.2	5.5	8.3	
122	11.7	9.7	14.5	

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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

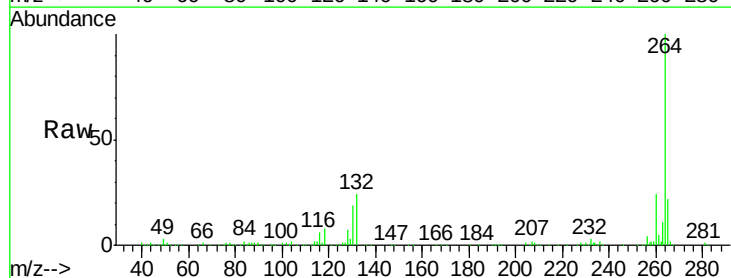
RT: 18.27 min Scan# 1503

Delta R.T. -0.17 min

Lab File: BF075503.D

Acq: 14 Nov 2014 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.7	17.9	26.9	
265	21.9	16.3	24.5	



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

