

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075548.D
 Acq On : 15 Nov 2014 18:39
 Operator : TP / JJ
 Sample : F4695-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)

Manual Integrations
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Quant Time: Nov 16 06:27:56 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	48236	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	203129	20.00	ng	-0.02
38) Acenaphthene-d10	11.30	164	103384	20.00	ng	-0.03
63) Phenanthrene-d10	13.16	188	175524	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	198024	20.00	ng	-0.08
86) Perylene-d12	18.23	264	204779	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	429278	157.22	ng	-0.02
7) Phenol-d6	7.10	99	547833	166.85	ng	-0.01
23) Nitrobenzene-d5	8.24	82	320486	115.67	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	127879	147.68	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	563929	98.57	ng	-0.01
78) Terphenyl-d14	15.16	244	610989m	83.06	ng	-0.03
Target Compounds						
31) Naphthalene	9.16	128	32868	3.63	ng	Qvalue 98
49) Dimethylphthalate	10.97	163	64273	9.09	ng	# 96

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

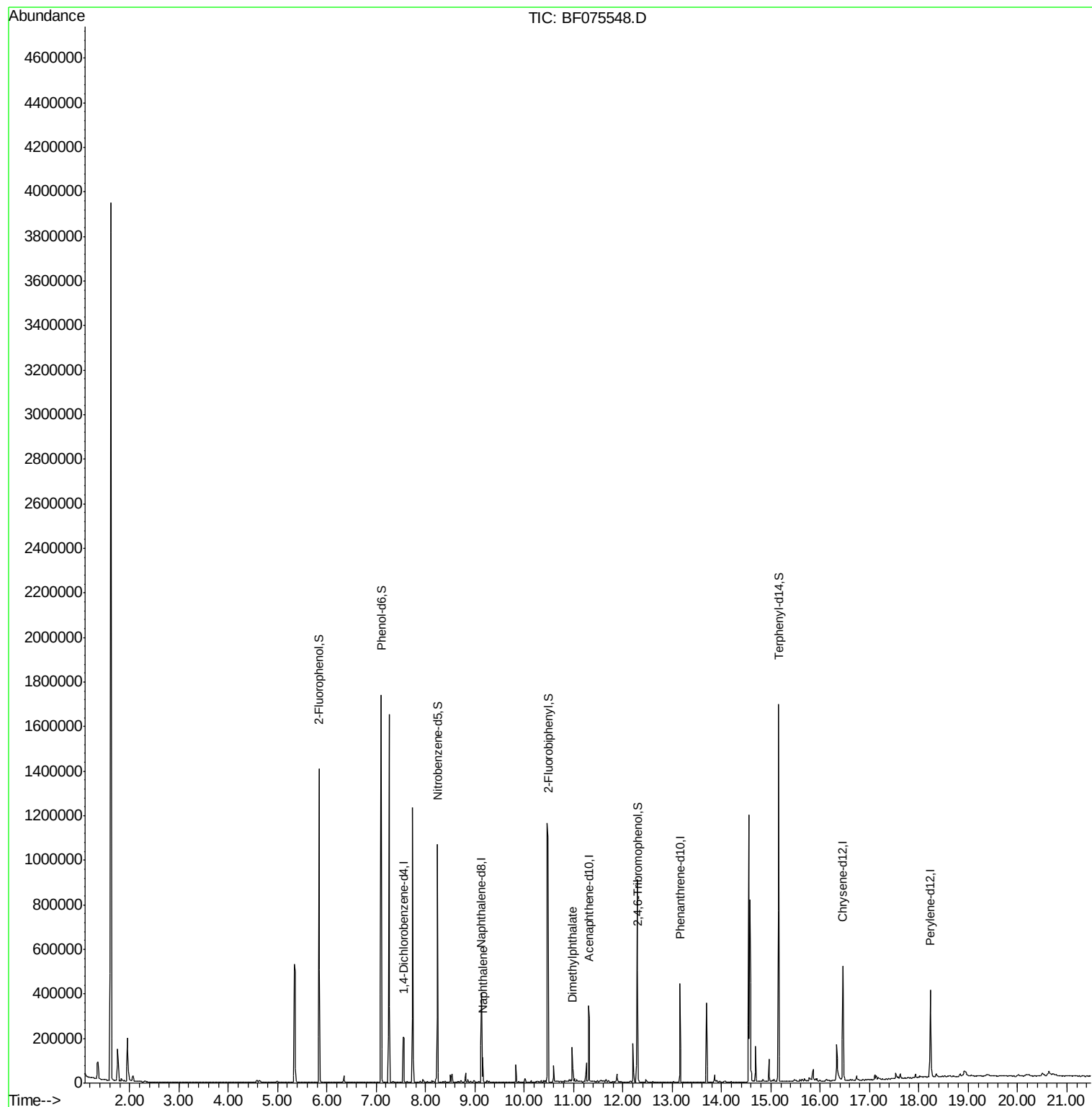
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075548.D
Acq On : 15 Nov 2014 18:39
Operator : TP / JJ
Sample : F4695-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

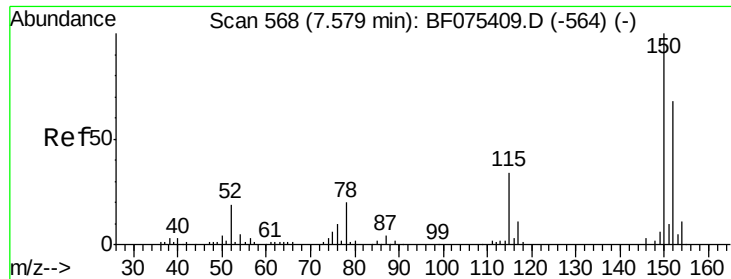
Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)

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Quant Time: Nov 16 06:27:56 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
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QLast Update : Wed Nov 12 18:46:55 2014
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#1

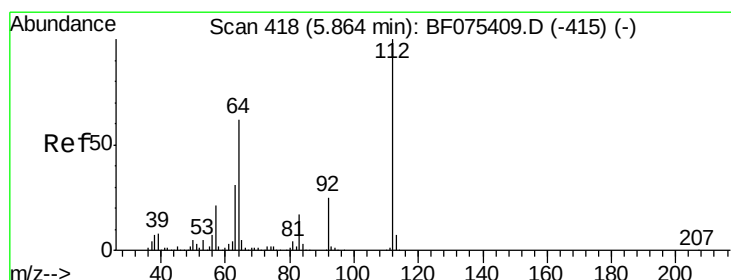
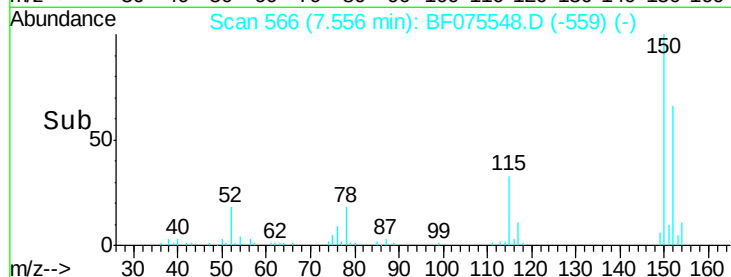
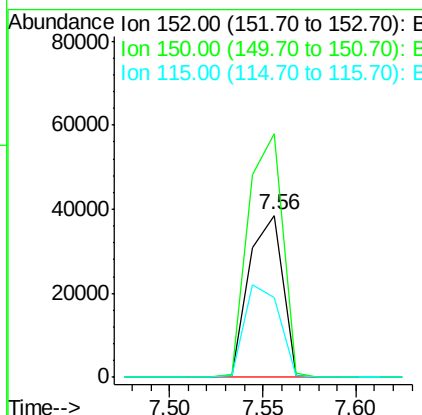
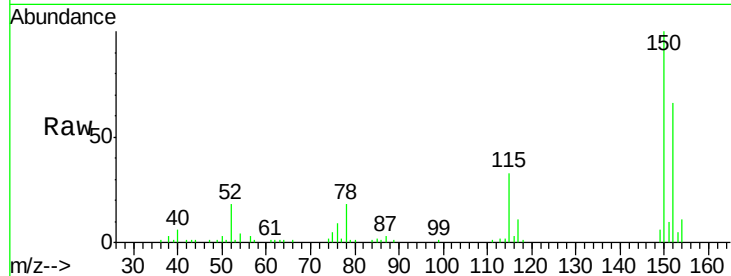
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	48236		
150	150.6	127.2	190.8	
115	49.6	57.1	85.7	

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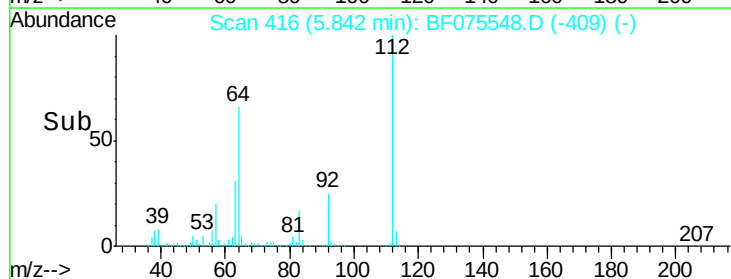
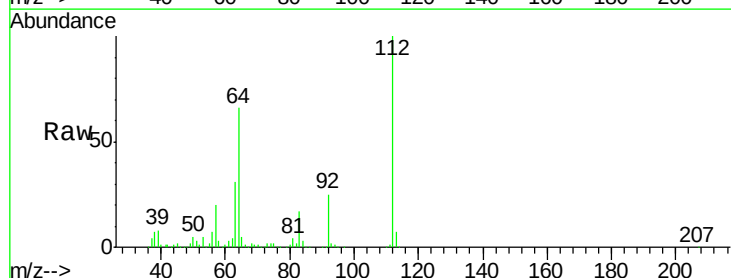
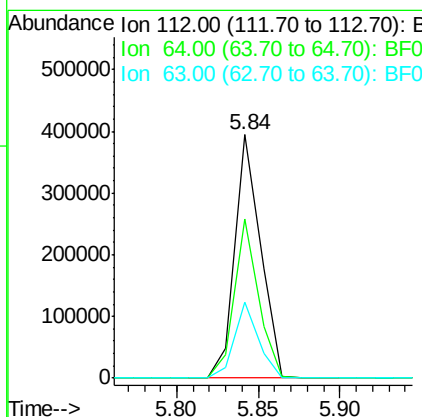
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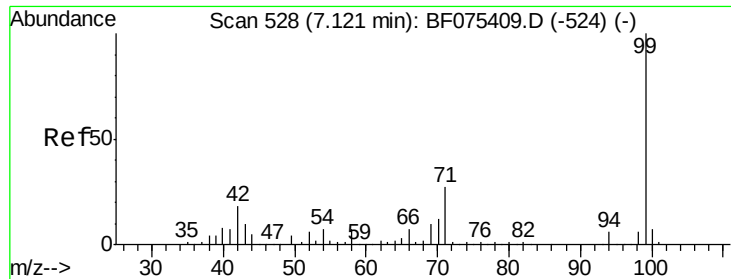


#5

2-Fluorophenol
Concen: 157.22 ng
RT: 5.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	429278		
64	65.6	45.8	68.6	
63	31.1	22.7	34.1	





#7

Phenol-d6

Concen: 166.85 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075548.D

Acq: 15 Nov 2014 18:39

Instrument :

BNA_F

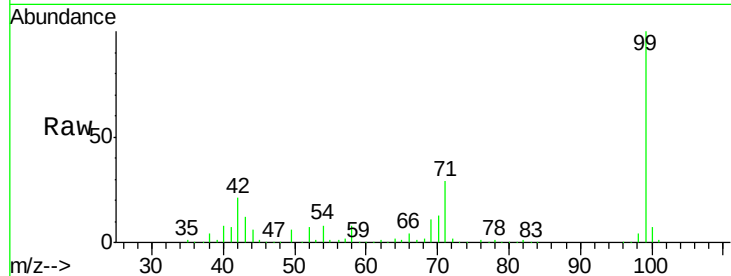
ClientSampleId :

SB-75(15-20)

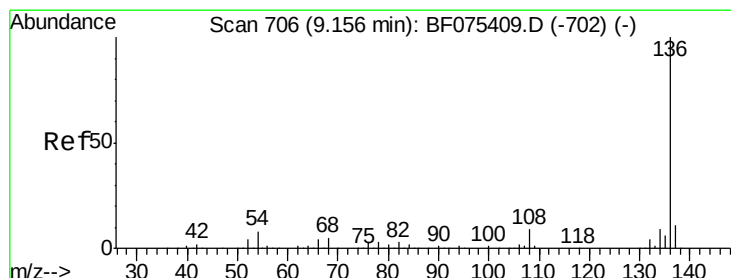
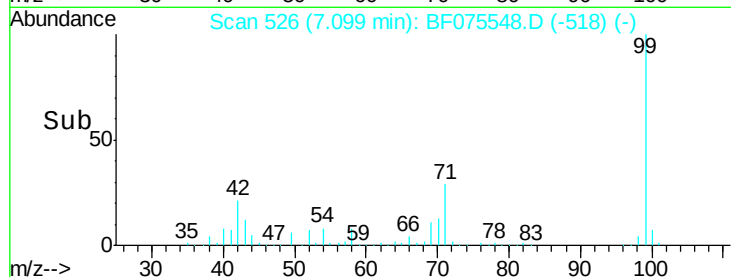
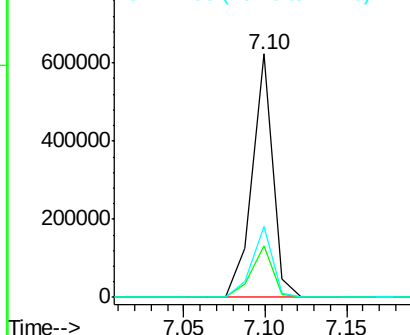
Tgt	Ion	Resp	Lower	Upper
99	100	547833		
42	21.2	19.8	29.6	
71	29.3	25.5	38.3	

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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

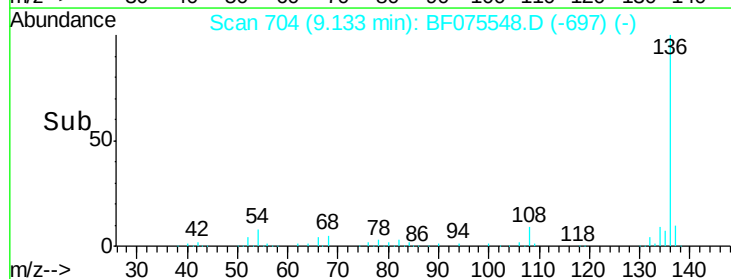
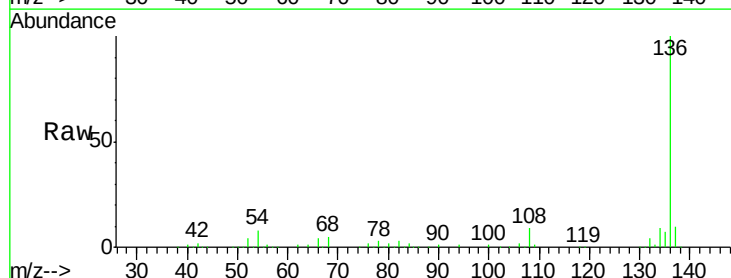
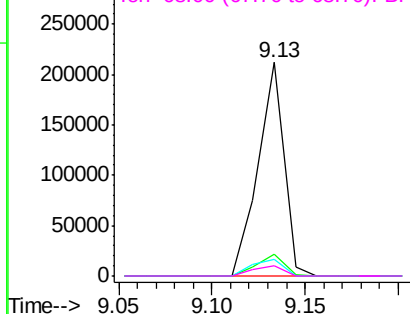
Delta R.T. -0.02 min

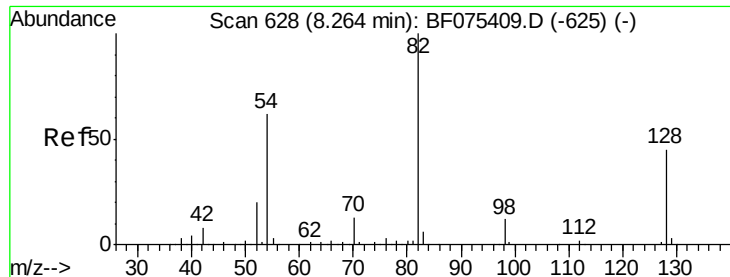
Lab File: BF075548.D

Acq: 15 Nov 2014 18:39

Tgt	Ion	Resp	Lower	Upper
136	100	203129		
137	10.3	8.2	12.4	
54	7.8	6.2	9.4	
68	4.8	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





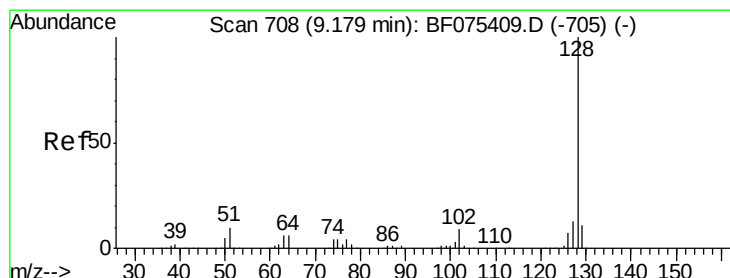
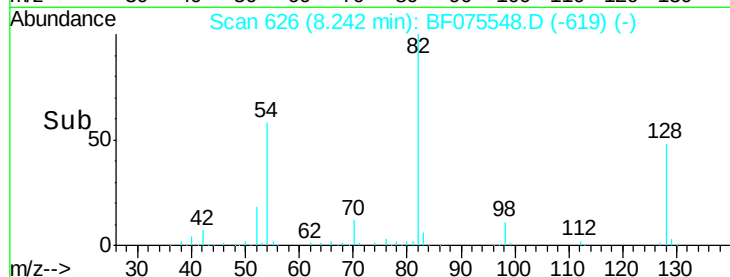
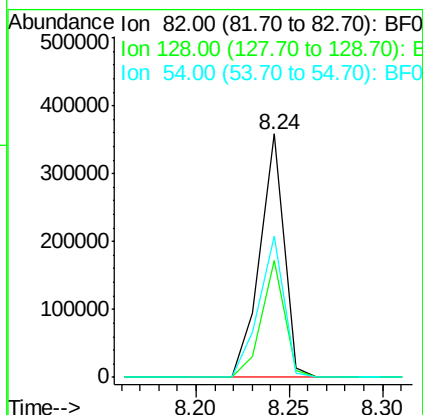
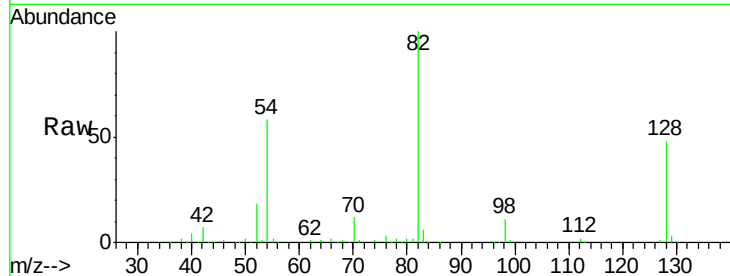
#23
 Nitrobenzene-d5
 Concen: 115.67 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	47.8	37.8	56.6
54	58.2	49.8	74.8

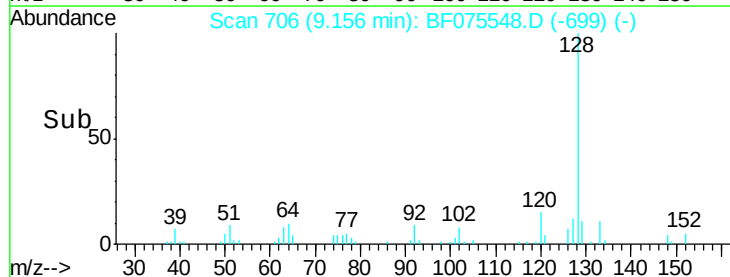
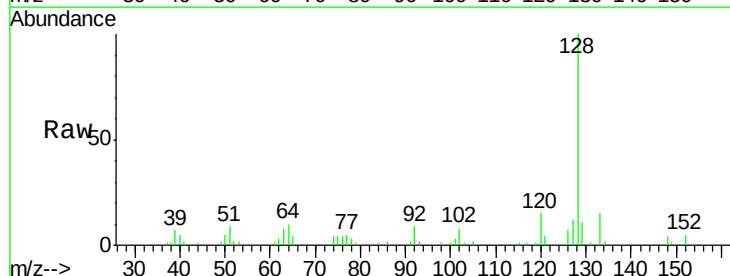
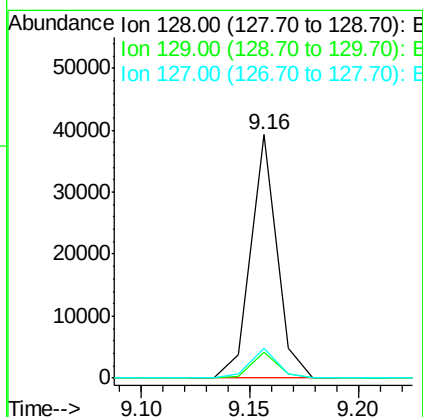
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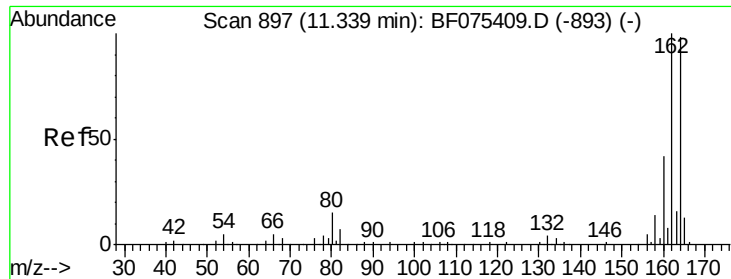
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#31
 Naphthalene
 Concen: 3.63 ng
 RT: 9.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.5	9.0	13.4
127	12.2	10.2	15.4





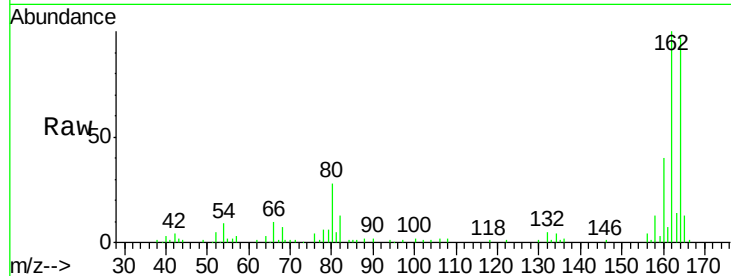
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Instrument :
BNA_F
ClientSampleId :
SB-75(15-20)

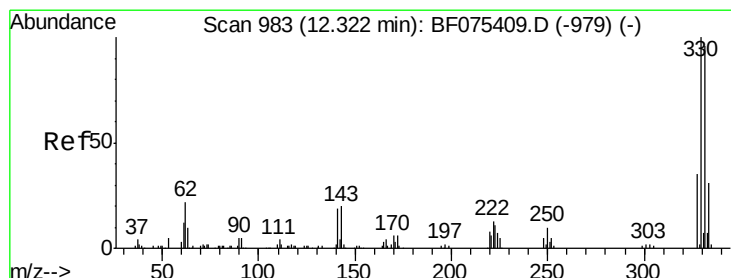
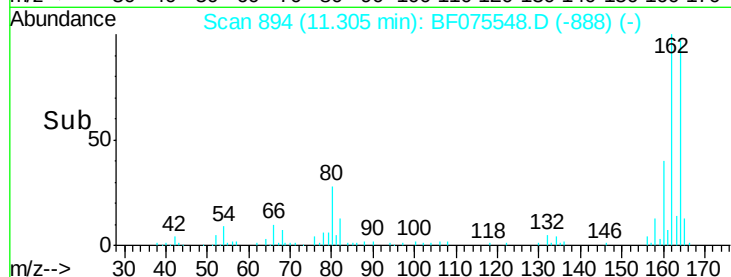
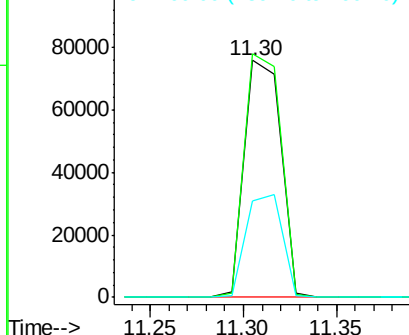
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103384		
162	102.9	79.1	118.7	
160	41.0	34.6	51.8	

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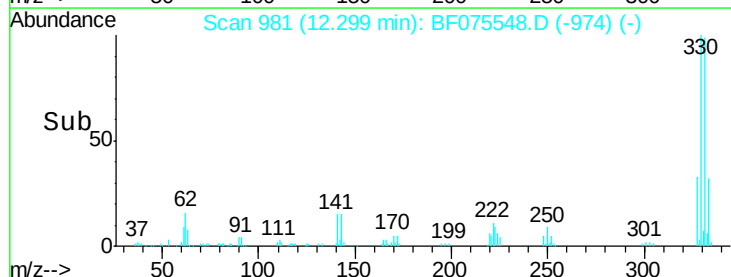
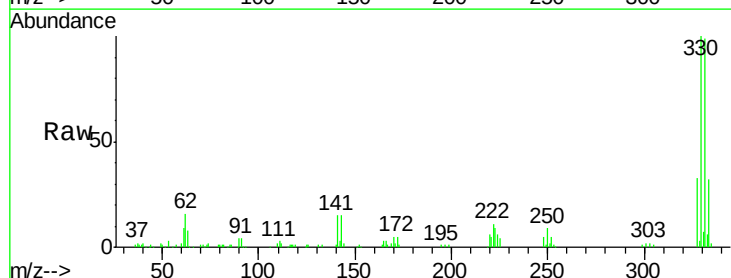
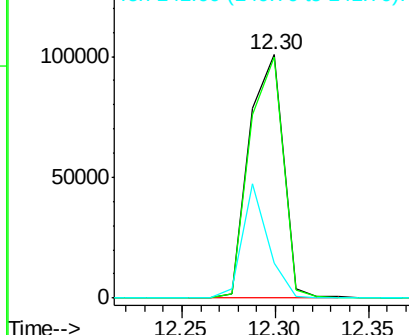
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

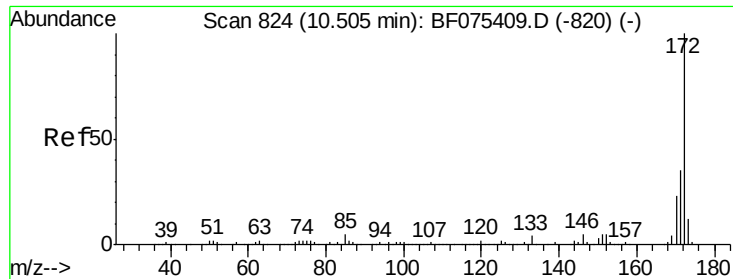


#41
2,4,6-Tribromophenol
Concen: 147.68 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	127879		
332	97.8	74.5	111.7	
141	35.6	30.7	46.1	

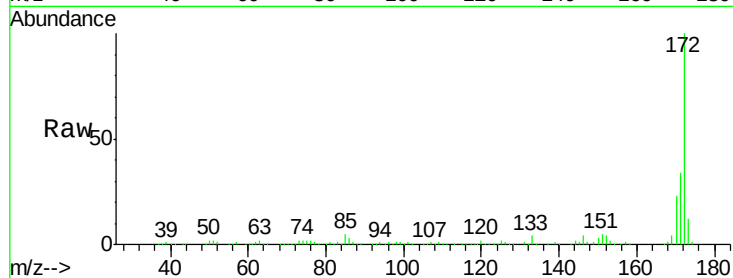
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44
2-Fluorobiphenyl
Concen: 98.57 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

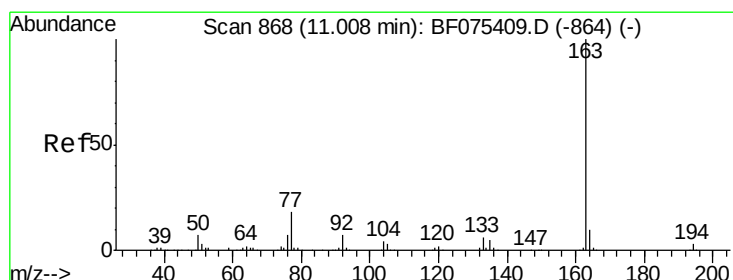
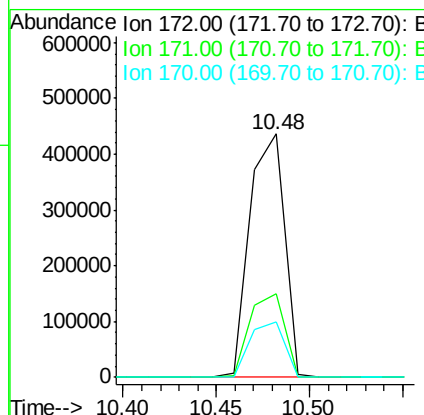
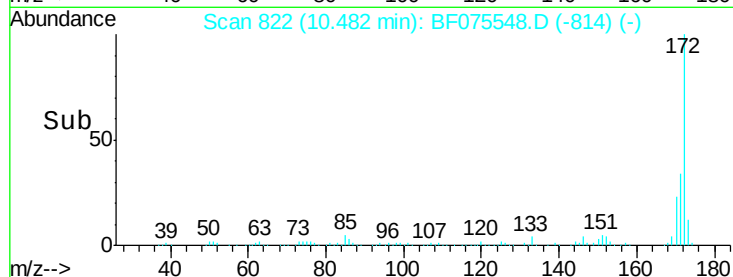
Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.2	27.3	40.9
170	22.7	18.4	27.6

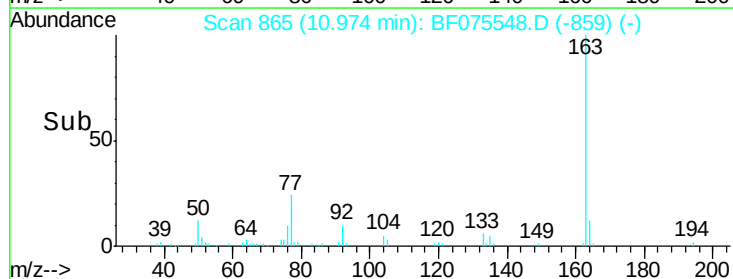
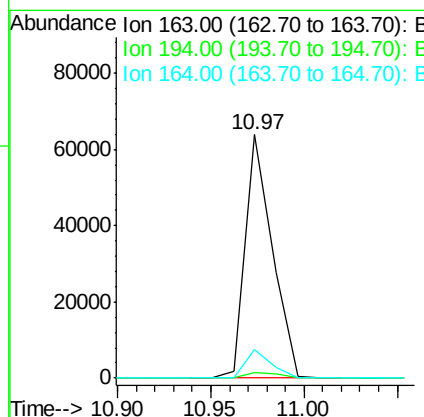
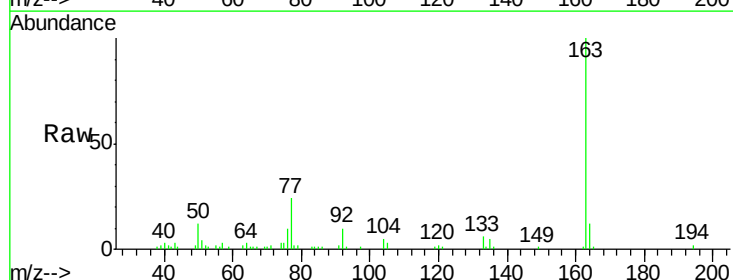
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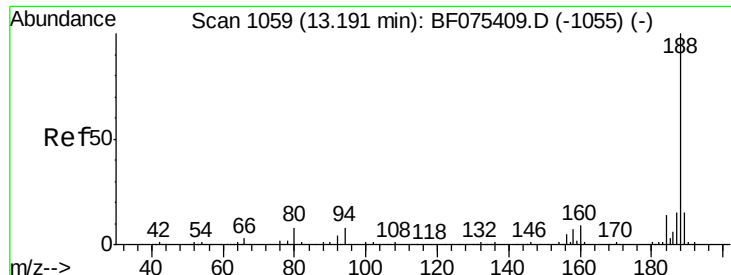
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#49
Dimethylphthalate
Concen: 9.09 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF075548.D
Acq: 15 Nov 2014 18:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.4	2.7	4.1#
164	11.5	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.16 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BF075548.D

Acq: 15 Nov 2014 18:39

Instrument :

BNA_F

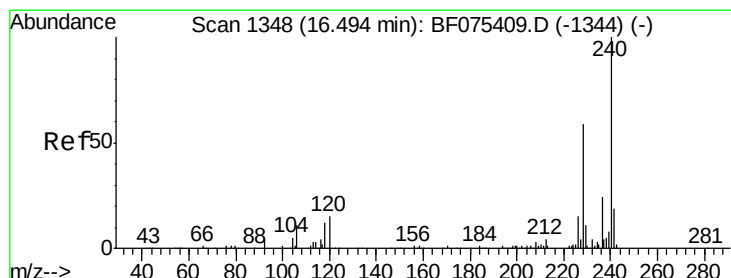
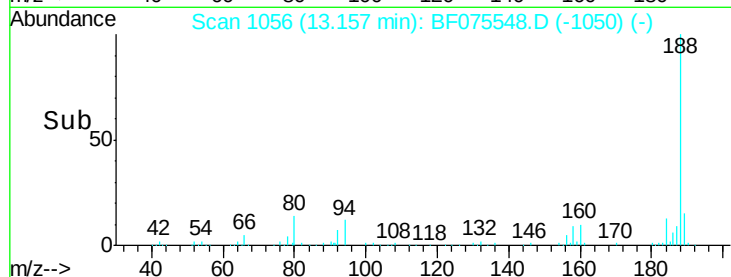
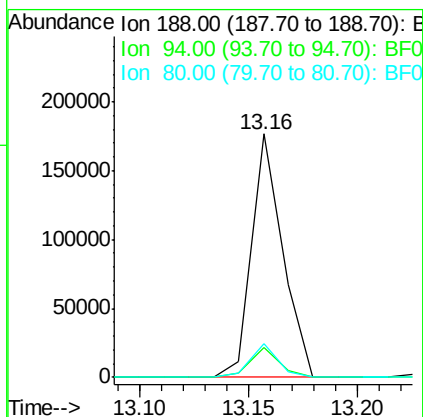
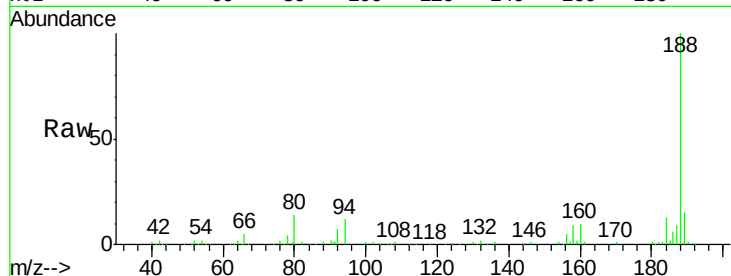
ClientSampleId :

SB-75(15-20)

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	175524		
94	12.3	7.8	11.6#	
80	13.8	8.0	12.0#	

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#75

Chrysene-d12

Concen: 20.00 ng

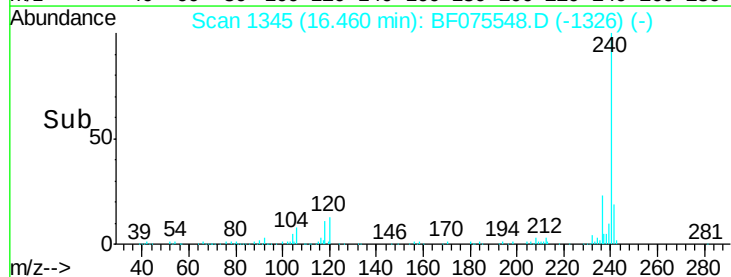
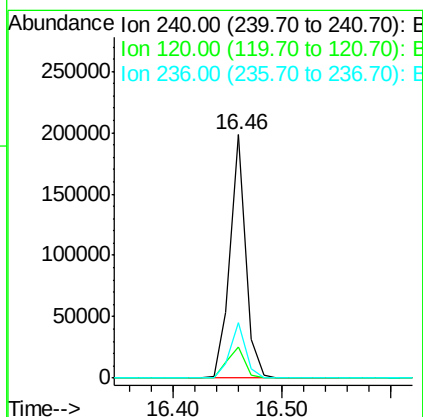
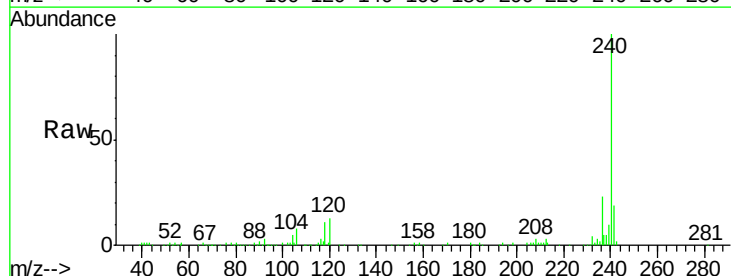
RT: 16.46 min Scan# 1345

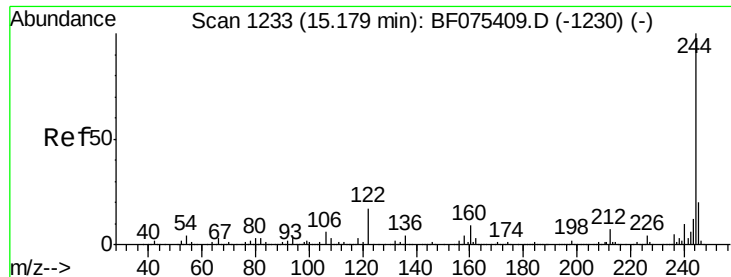
Delta R.T. -0.08 min

Lab File: BF075548.D

Acq: 15 Nov 2014 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	198024		
120	12.5	9.6	14.4	
236	23.0	18.9	28.3	





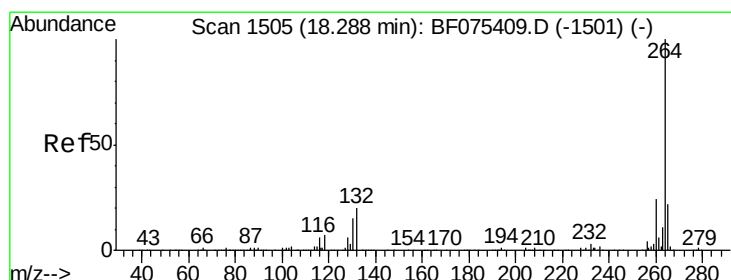
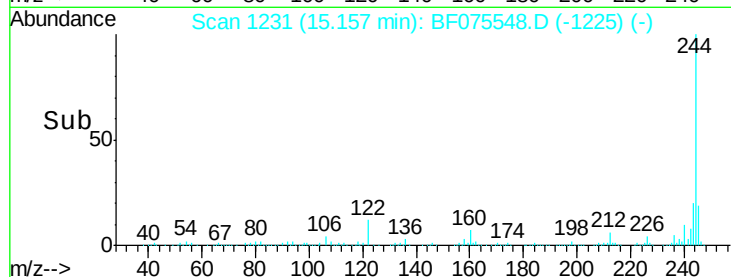
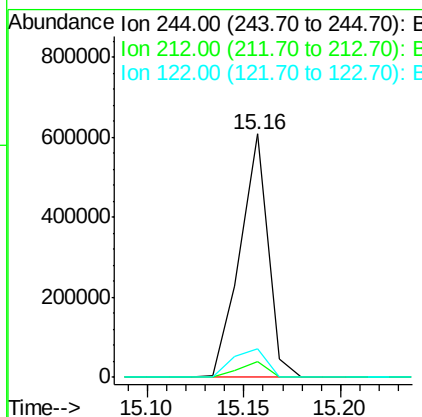
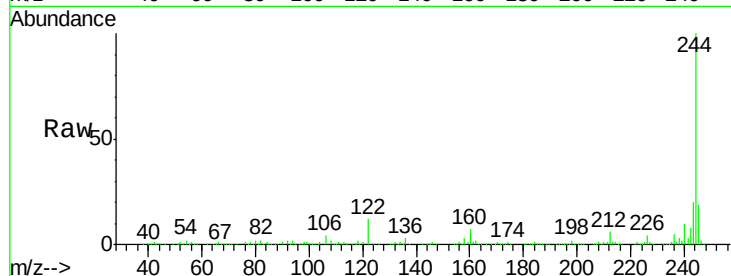
#78
 Terphenyl-d14
 Concen: 83.06 ng m
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(15-20)

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	610989		
212	6.2		5.5	8.3
122	11.7		9.7	14.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. -0.21 min
 Lab File: BF075548.D
 Acq: 15 Nov 2014 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	204779		
260	22.9		17.9	26.9
265	21.6		16.3	24.5

