

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079972.D
 Acq On : 13 Jun 2015 11:36
 Operator : TP/IZ
 Sample : G2523-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-6-4-15

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Quant Time: Jun 15 02:04:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	45382	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	179292	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	97062	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	205020	20.00	ng	-0.03
75) Chrysene-d12	14.88	240	249558m	20.00	ng	-0.26
86) Perylene-d12	16.75	264	238294m	20.00	ng	-0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	160108	64.69	ng	0.00
7) Phenol-d6	6.97	99	131063	38.87	ng	0.00
23) Nitrobenzene-d5	7.93	82	269462	99.16	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	134514	137.42	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	627466	90.52	ng	0.00
78) Terphenyl-d14	13.62	244	885966	81.85	ng	-0.15

Target Compounds Qvalue

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

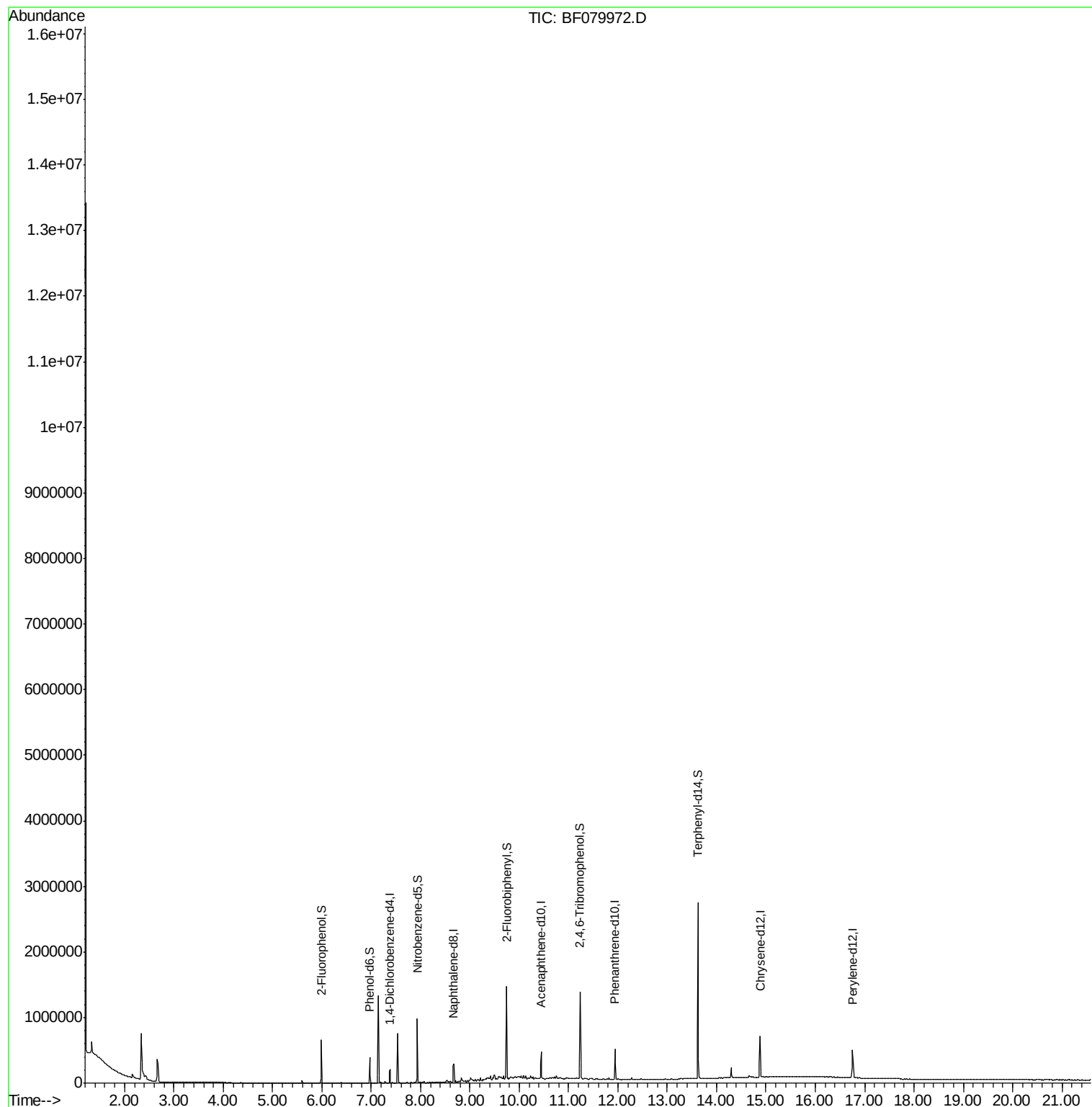
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079972.D
Acq On : 13 Jun 2015 11:36
Operator : TP/IZ
Sample : G2523-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

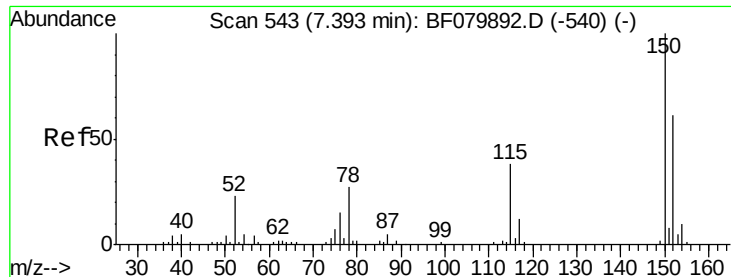
Instrument :
BNA_F
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LIP-22-6-4-15

Manual Integrations
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Response via : Initial Calibration





#1

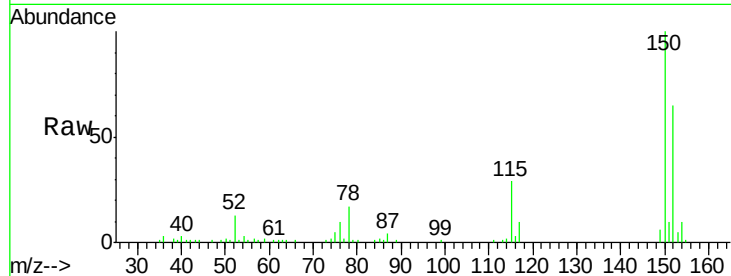
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079972.D
Acq: 13 Jun 2015 11:36

Instrument :
BNA_F
ClientSampleId :
LIP-22-6-4-15

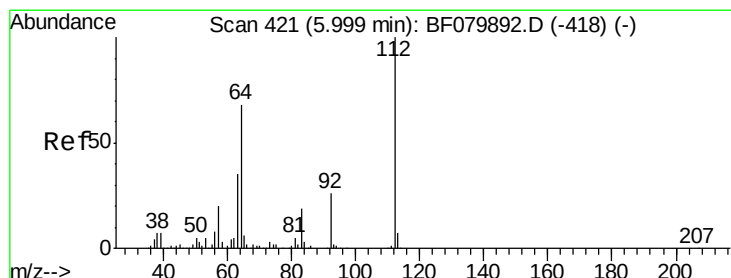
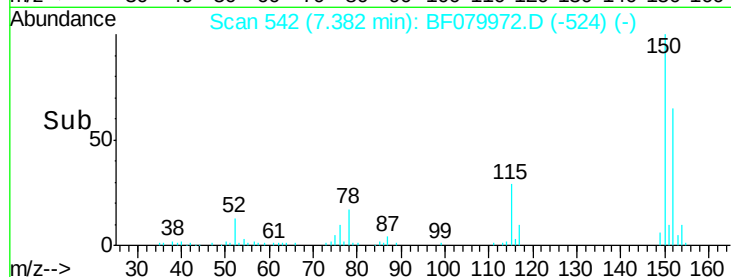
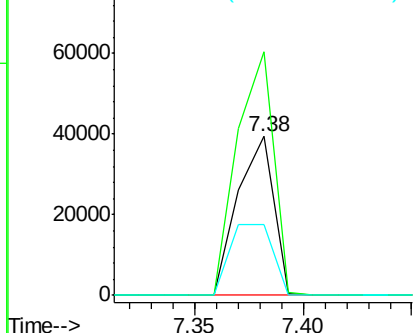
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	45382		
150	153.1	131.0	196.4	
115	44.9	49.8	74.6	

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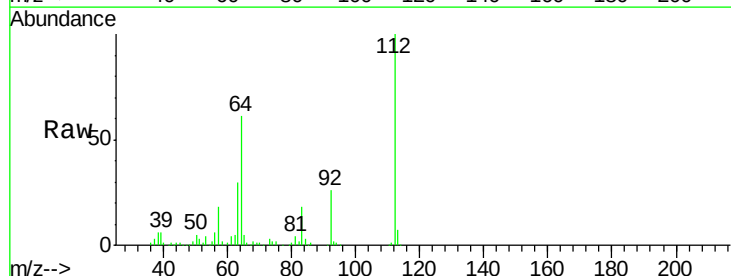
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



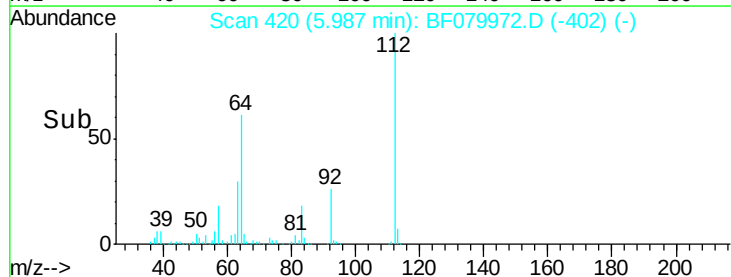
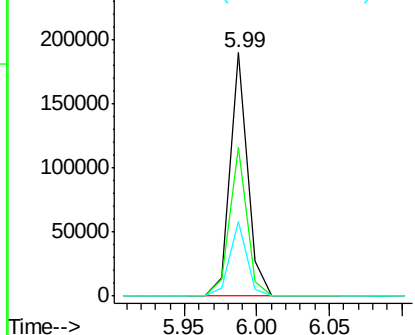
#5

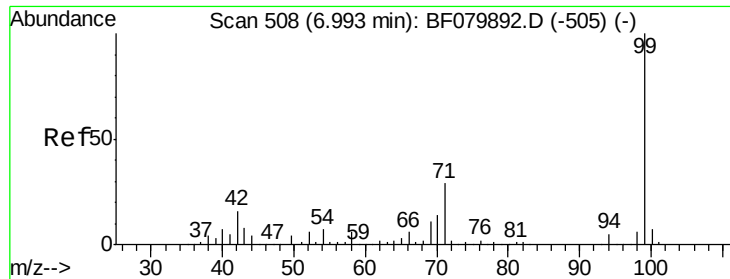
2-Fluorophenol
Concen: 64.69 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079972.D
Acq: 13 Jun 2015 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	160108		
64	60.9	54.5	81.7	
63	30.5	27.9	41.9	



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: 38.87 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079972.D

Acq: 13 Jun 2015 11:36

Instrument :

BNA_F

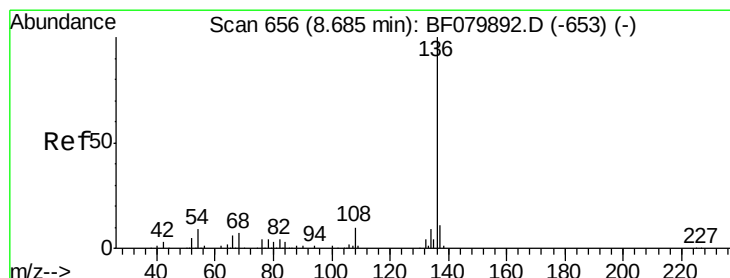
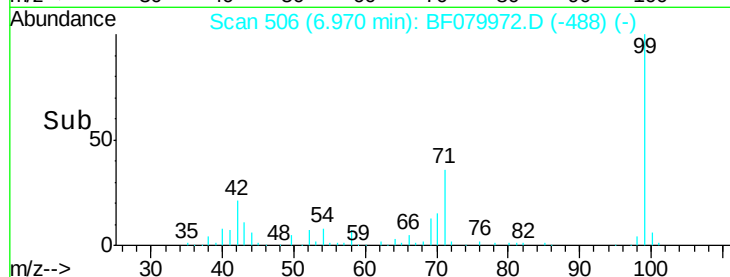
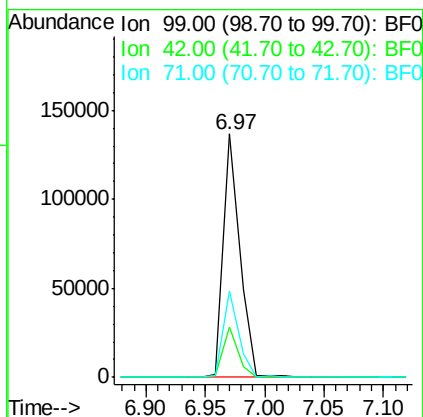
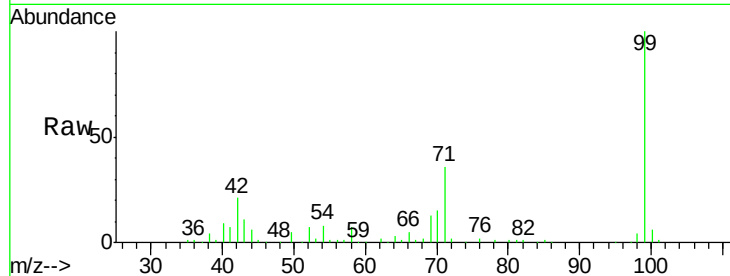
ClientSampleId :

LIP-22-6-4-15

Tgt	Ion	Resp	Lower	Upper
99	100	131063		
42	20.9	12.9	19.3#	
71	35.6	23.4	35.2#	

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#21

Naphthalene-d8

Concen: 20.00 ng

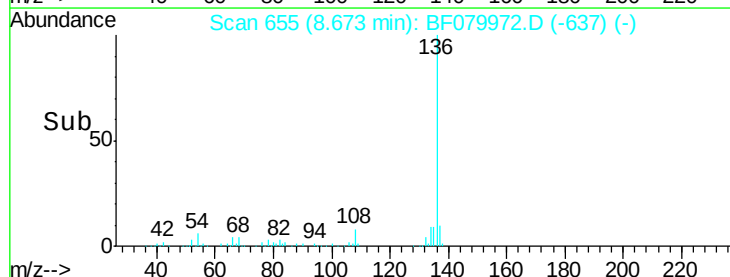
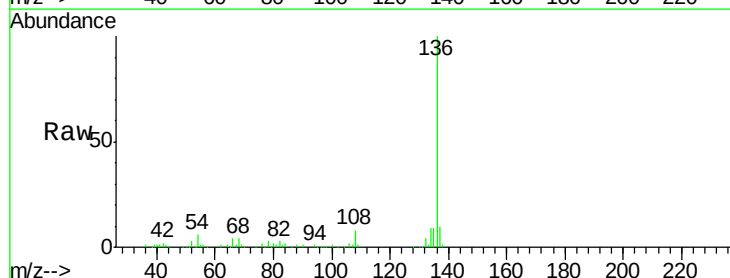
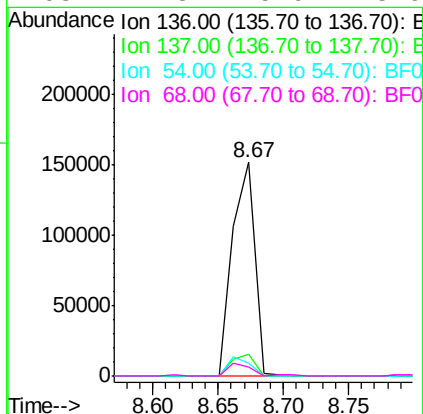
RT: 8.67 min Scan# 655

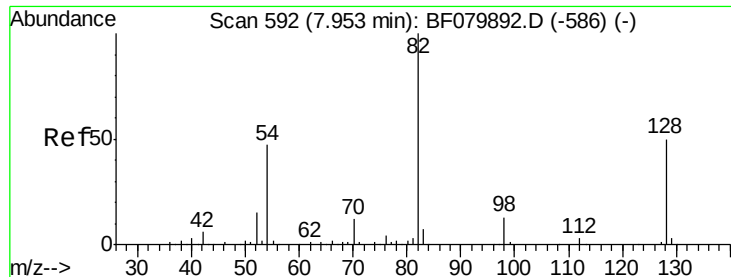
Delta R.T. 0.00 min

Lab File: BF079972.D

Acq: 13 Jun 2015 11:36

Tgt	Ion	Resp	Lower	Upper
136	100	179292		
137	10.2	8.7	13.1	
54	5.7	7.3	10.9#	
68	4.3	5.9	8.9#	





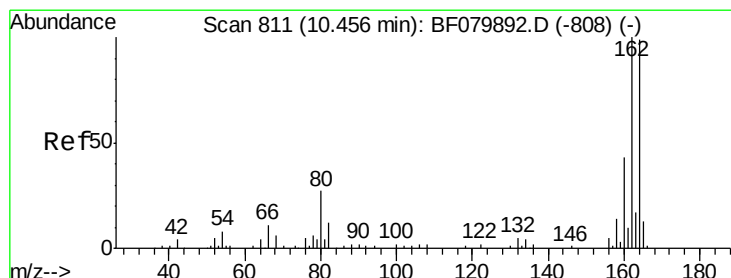
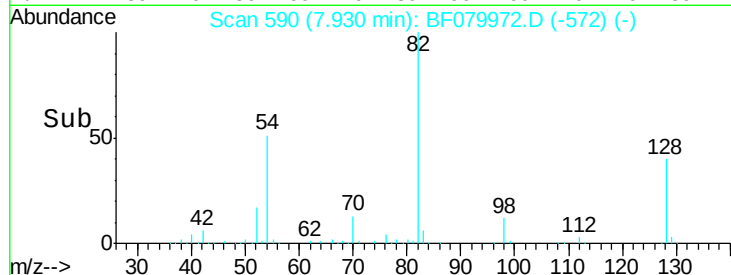
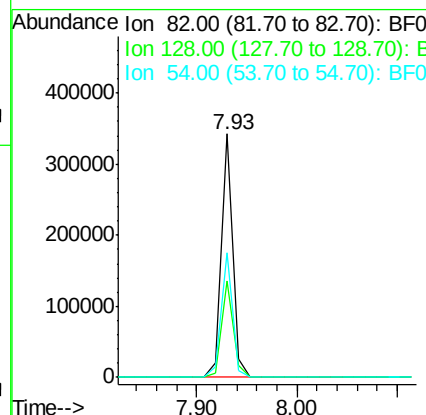
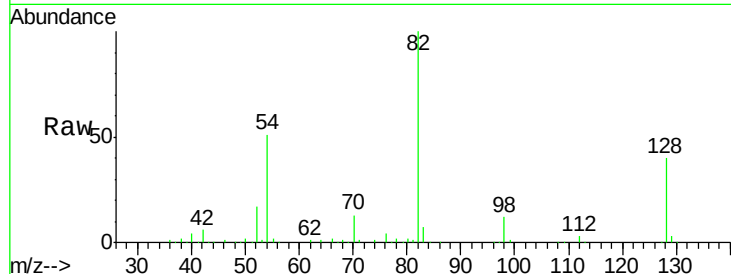
#23
 Nitrobenzene-d5
 Concen: 99.16 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079972.D
 Acq: 13 Jun 2015 11:36

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-6-4-15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	269462		
128	39.7	40.3	60.5#	
54	51.3	38.0	57.0	

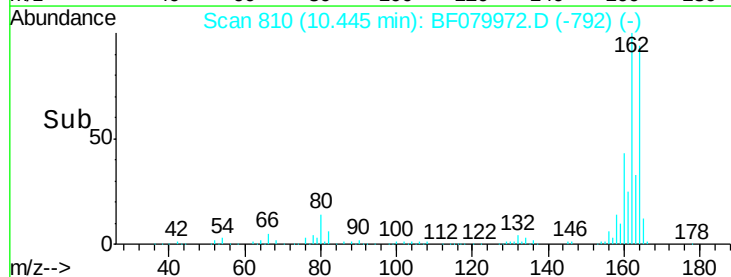
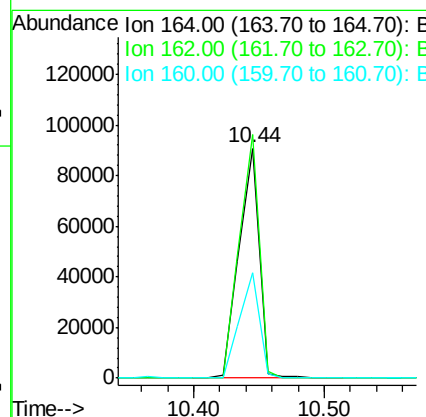
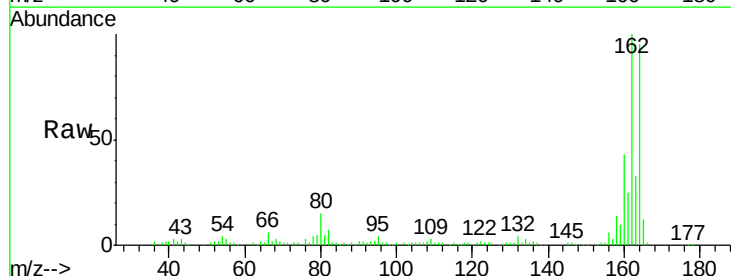
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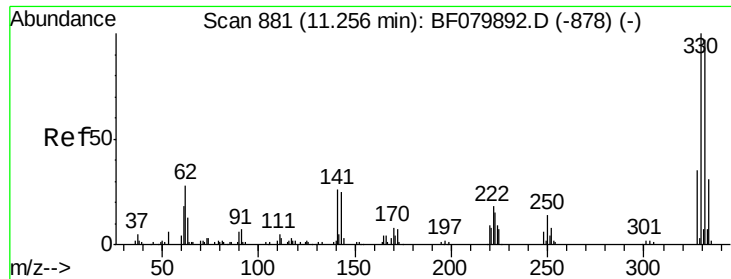
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079972.D
 Acq: 13 Jun 2015 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97062		
162	105.8	80.7	121.1	
160	45.7	34.6	51.8	





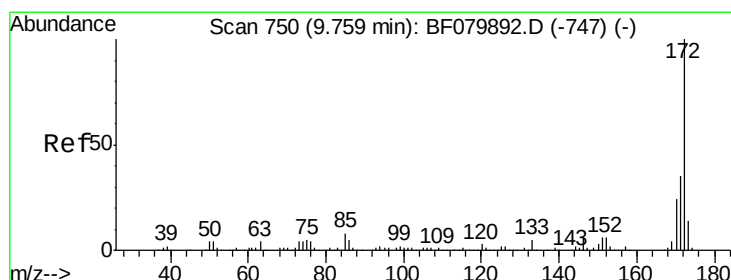
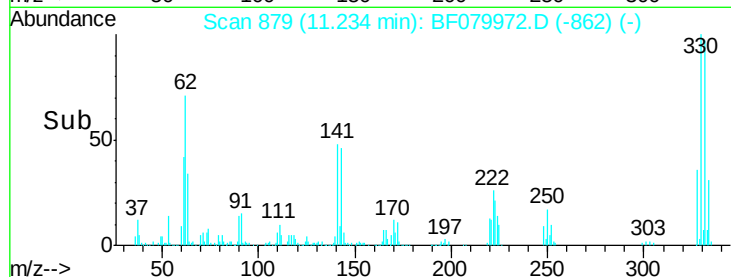
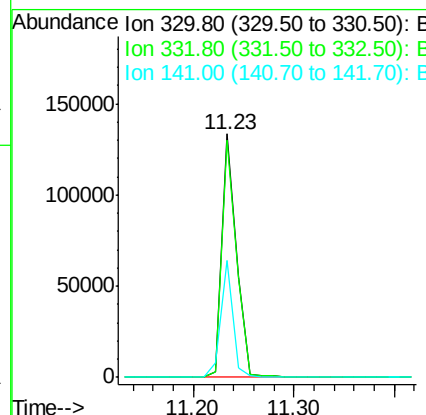
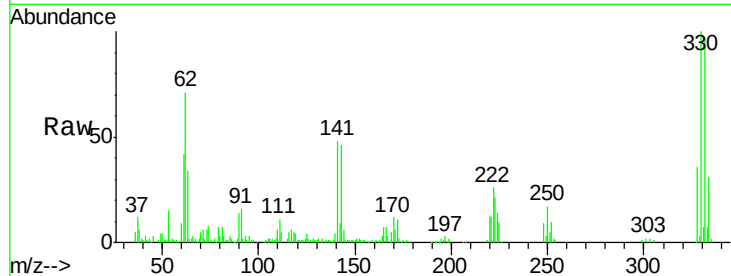
#41
 2,4,6-Tribromophenol
 Concen: 137.42 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079972.D
 Acq: 13 Jun 2015 11:36

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-6-4-15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	134514		
332	97.8	77.3	115.9	
141	40.6	26.8	40.2#	

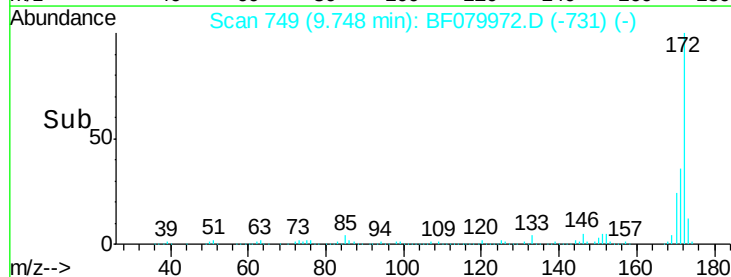
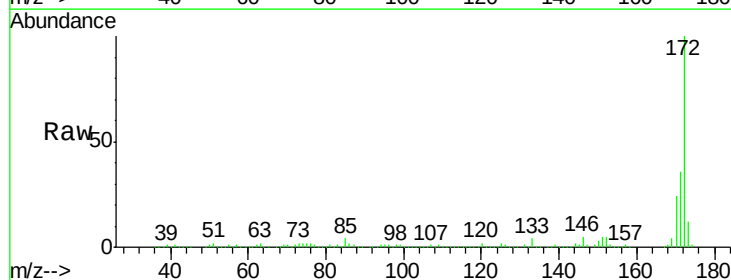
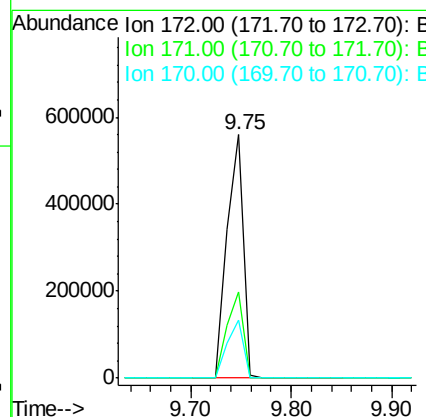
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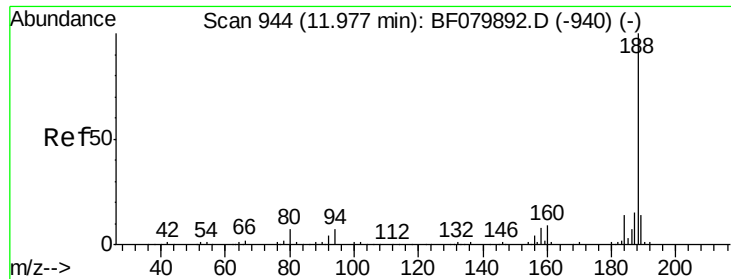
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#44
 2-Fluorobiphenyl
 Concen: 90.52 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079972.D
 Acq: 13 Jun 2015 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	627466		
171	35.5	28.3	42.5	
170	23.9	19.0	28.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.94 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF079972.D

Acq: 13 Jun 2015 11:36

Instrument :

BNA_F

ClientSampleId :

LIP-22-6-4-15

Tgt Ion:188 Resp: 205020
Ion Ratio Lower Upper

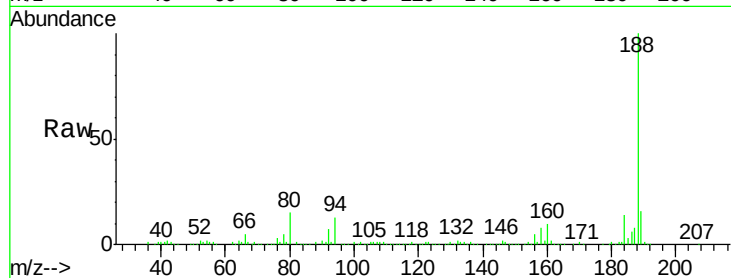
188 100

94 13.1 5.8 8.8#

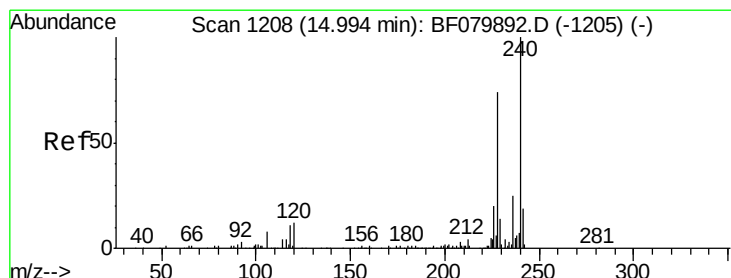
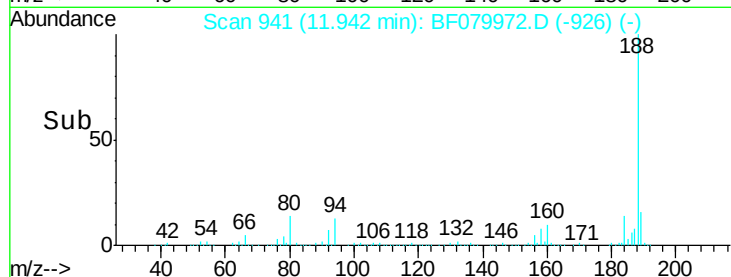
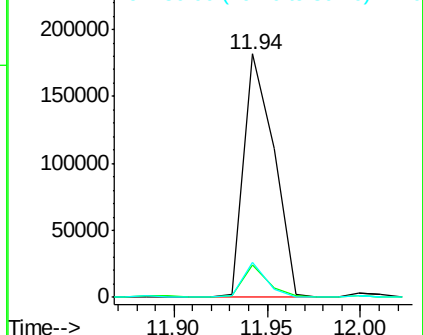
80 14.5 5.9 8.9#

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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 m

RT: 14.88 min Scan# 1198

Delta R.T. -0.26 min

Lab File: BF079972.D

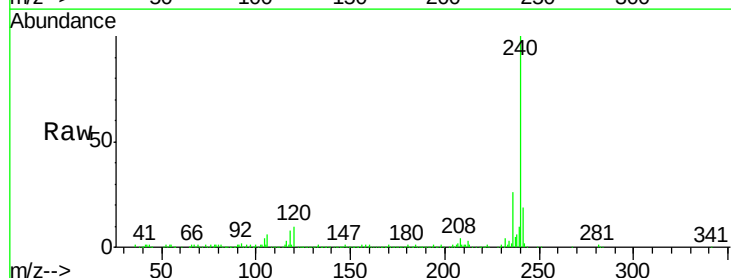
Acq: 13 Jun 2015 11:36

Tgt Ion:240 Resp: 249558
Ion Ratio Lower Upper

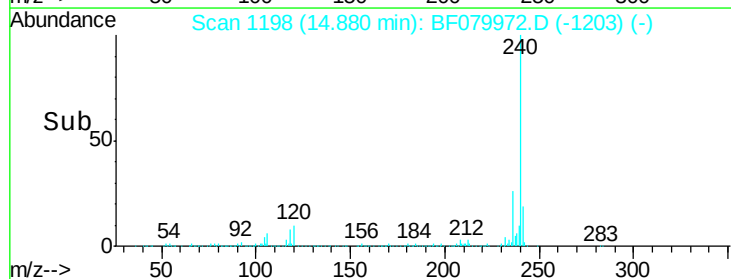
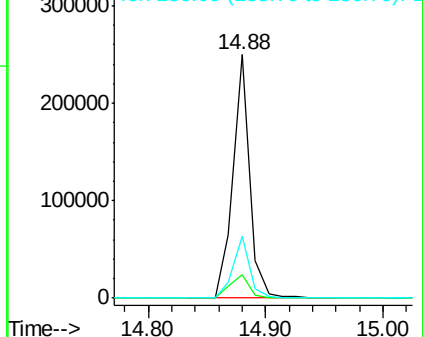
240 100

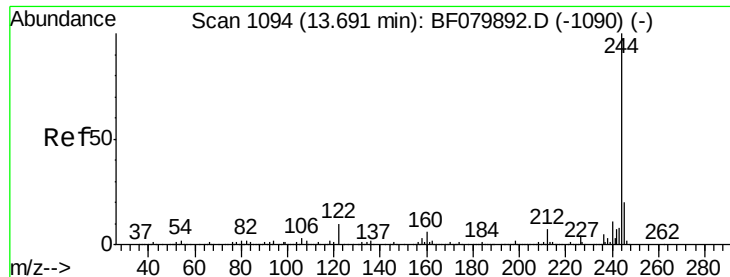
120 9.7 9.4 14.2

236 25.6 19.6 29.4



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: 81.85 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.15 min

Lab File: BF079972.D

Acq: 13 Jun 2015 11:36

Instrument :

BNA_F

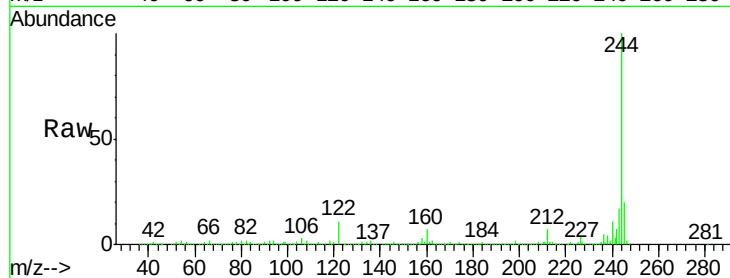
ClientSampleId :

LIP-22-6-4-15

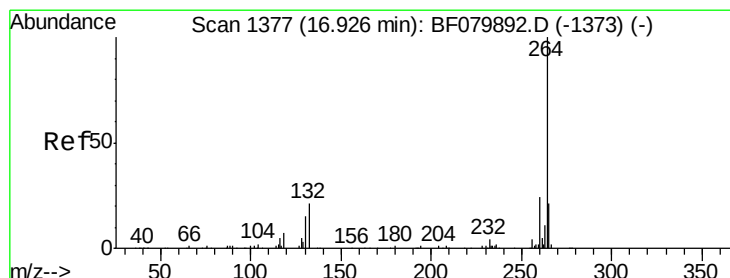
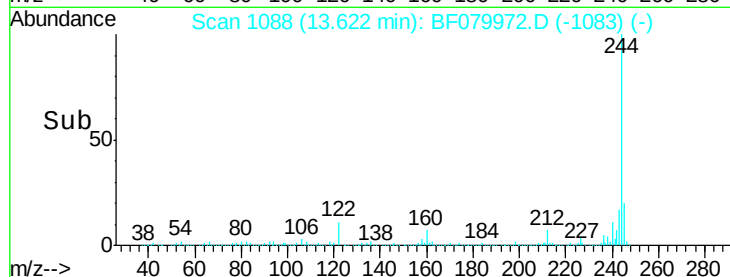
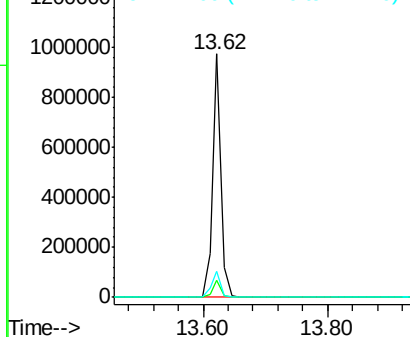
Tgt Ion:	244	Resp:	885966
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.2
122	10.6	7.8	11.8

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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 m

RT: 16.75 min Scan# 1362

Delta R.T. -0.34 min

Lab File: BF079972.D

Acq: 13 Jun 2015 11:36

Tgt Ion:	264	Resp:	238294
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.3	28.9
265	21.8	17.0	25.6

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

