

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079277.D
 Acq On : 15 May 2015 18:42
 Operator : TP/IZ
 Sample : G2269-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1505123097

Manual Integrations
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Quant Time: May 15 23:50:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	64479	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	263135	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	128709	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	247727	20.00	ng	0.00
75) Chrysene-d12	16.06	240	230315	20.00	ng	-0.03
86) Perylene-d12	17.84	264	227414	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	255122m	68.11	ng	0.00
7) Phenol-d6	6.74	99	336084	67.88	ng	-0.01
23) Nitrobenzene-d5	7.87	82	196216	42.86	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	101101	72.61	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	425592	46.07	ng	0.00
78) Terphenyl-d14	14.77	244	472871	49.16	ng	0.00

Target Compounds Qvalue

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

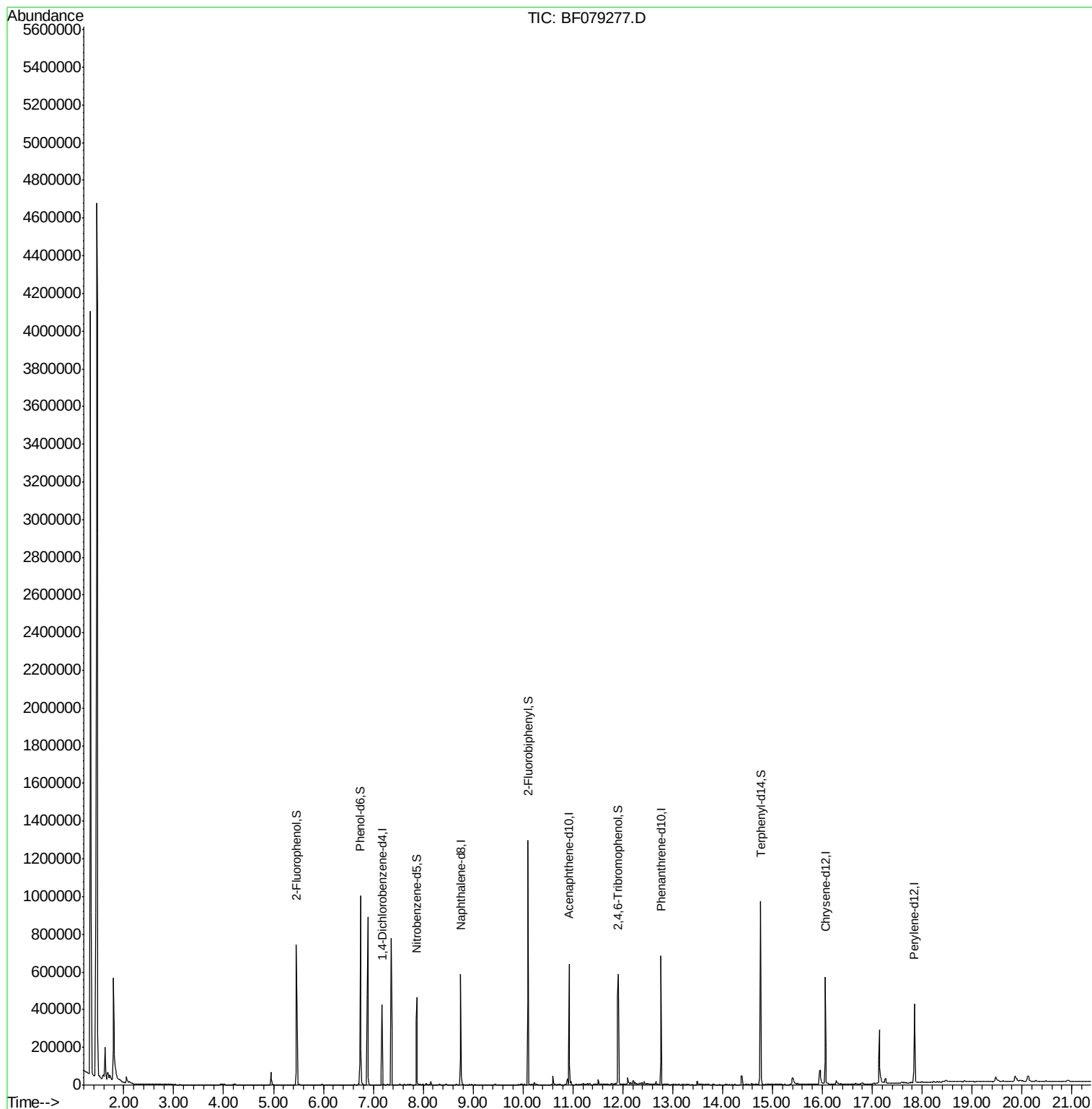
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079277.D
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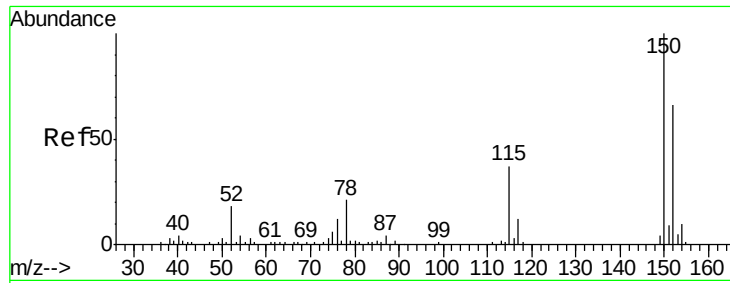
Instrument :
BNA_F
ClientSampleId :
1505123097

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Quant Time: May 15 23:50:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
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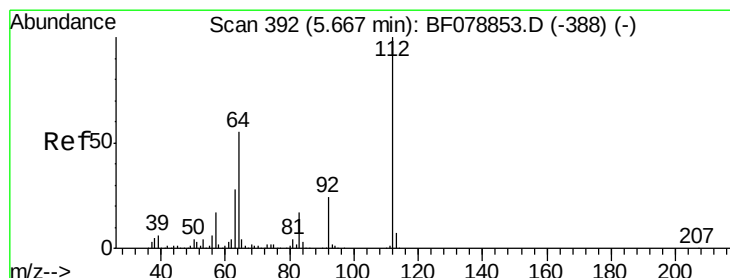
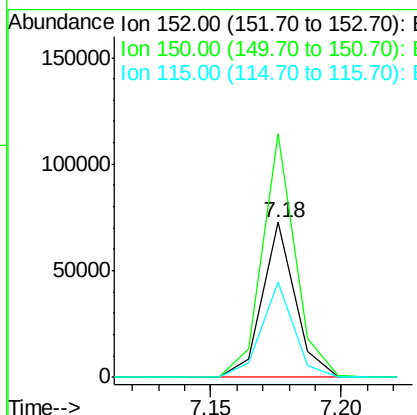
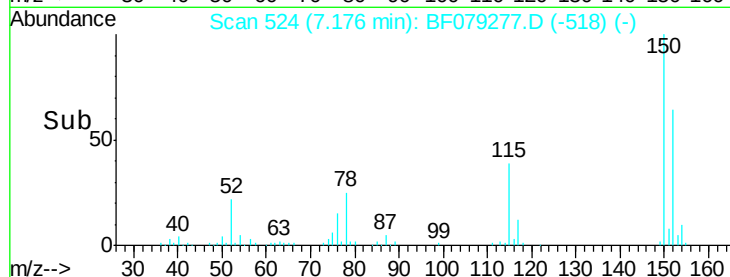
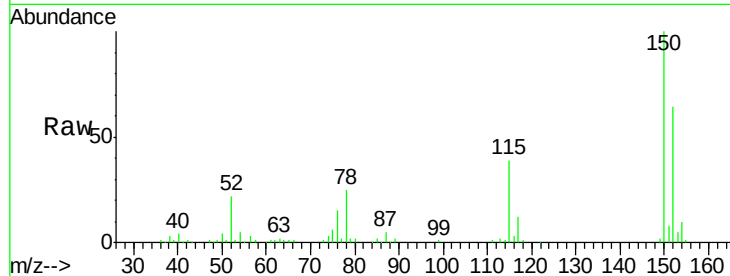
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF079277.D
 Acq: 15 May 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 1505123097

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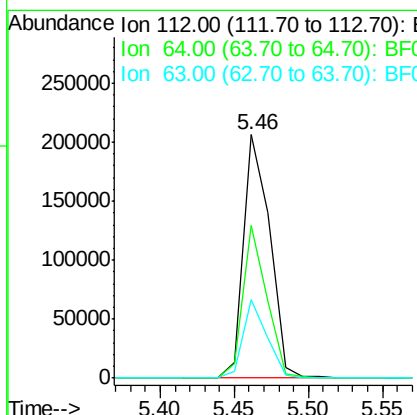
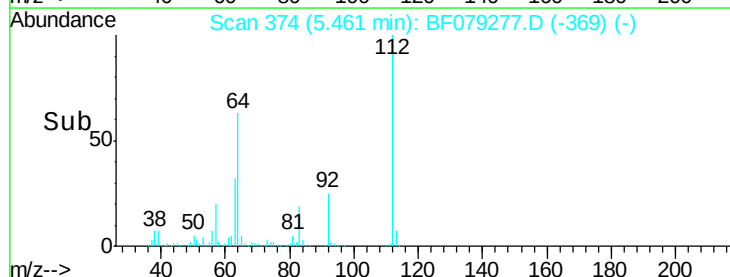
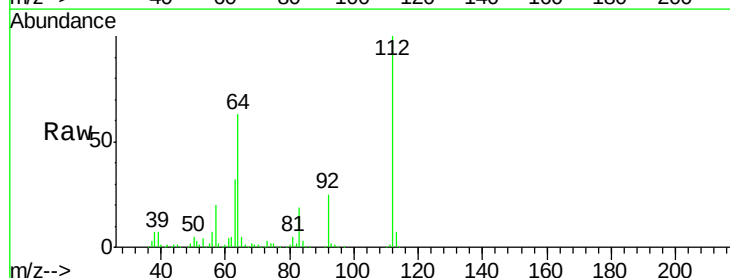
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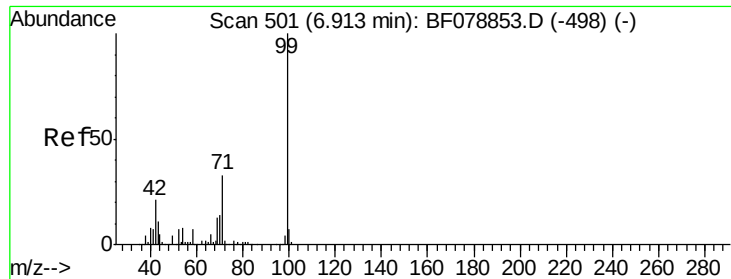
Tot Ion:	152	Resp:	64479
Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.8
115	61.5	49.4	74.0



#5
 2-Fluorophenol
 Concen: 68.11 ng m
 RT: 5.46 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: BF079277.D
 Acq: 15 May 2015 18:42

Tgt Ion:	112	Resp:	255122
Ion	Ratio	Lower	Upper
112	100		
64	62.9	44.2	66.2
63	32.1	22.7	34.1





#7

Phenol-d6

Concen: 67.88 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079277.D

Acq: 15 May 2015 18:42

Instrument :

BNA_F

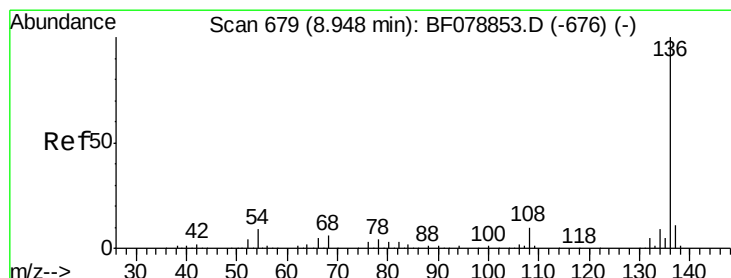
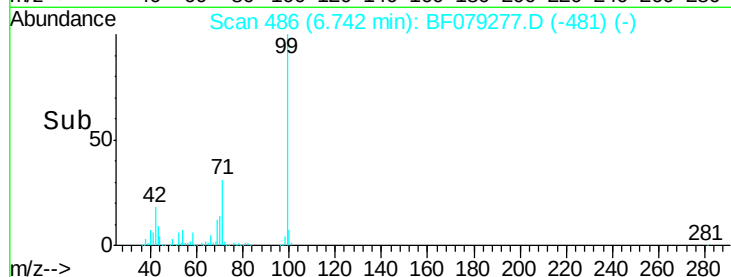
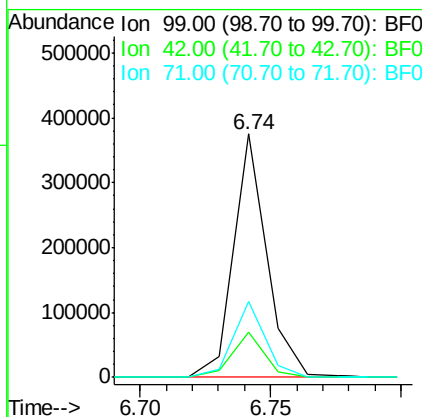
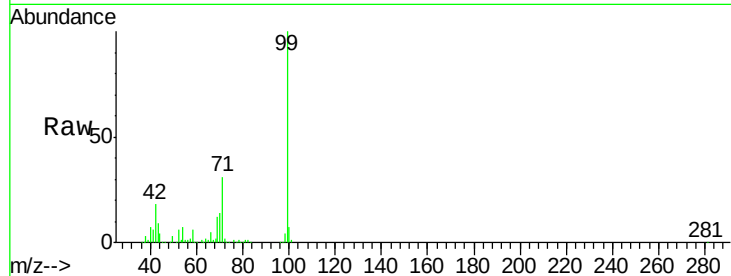
ClientSampleId :

1505123097

Tot Ion:	99	Resp:	336084
Ion Ratio	Lower	Upper	
99	100		
42	18.5	17.1	25.7
71	31.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng

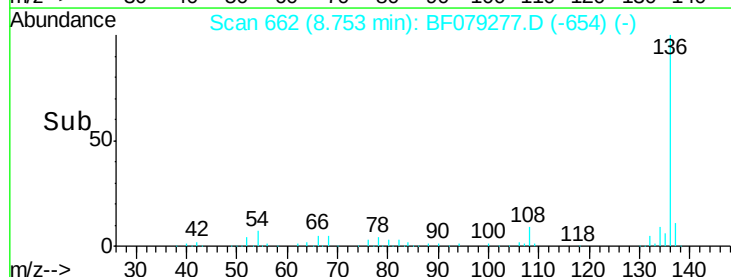
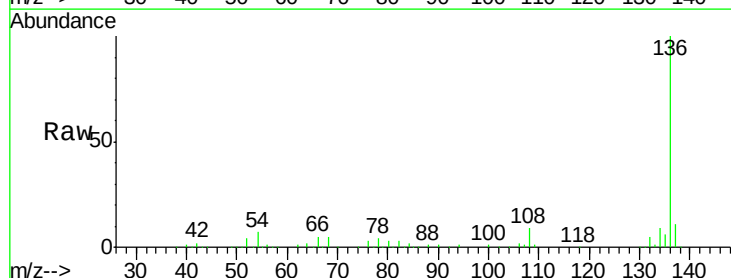
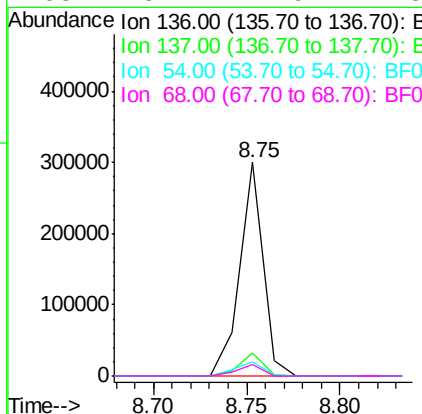
RT: 8.75 min Scan# 662

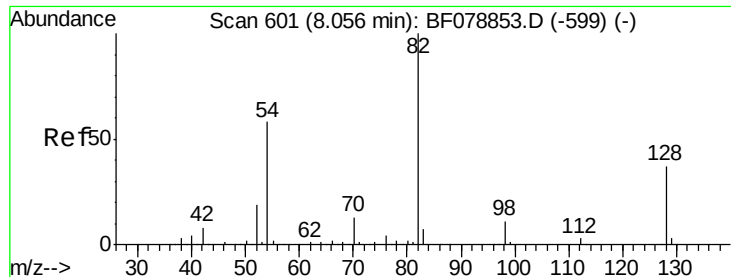
Delta R.T. -0.00 min

Lab File: BF079277.D

Acq: 15 May 2015 18:42

Tgt Ion:	136	Resp:	263135
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	6.9	6.9	10.3
68	5.2	4.9	7.3





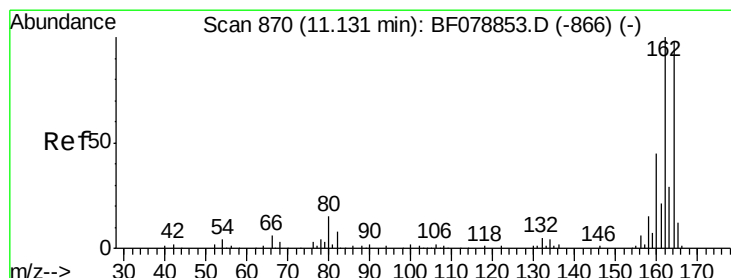
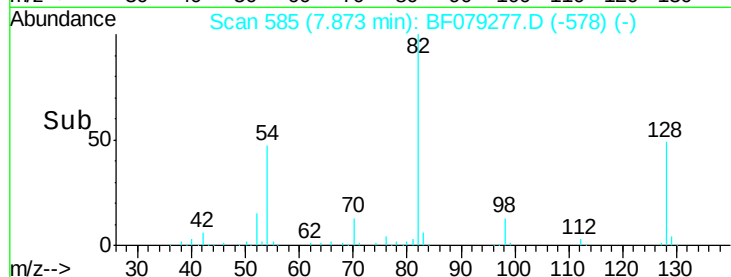
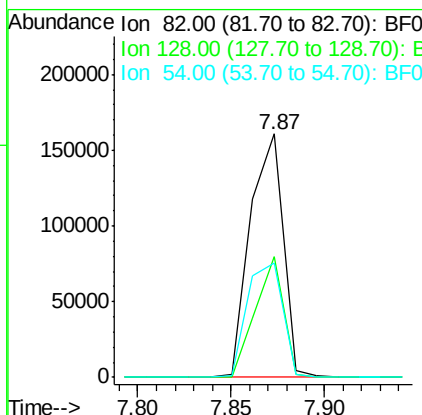
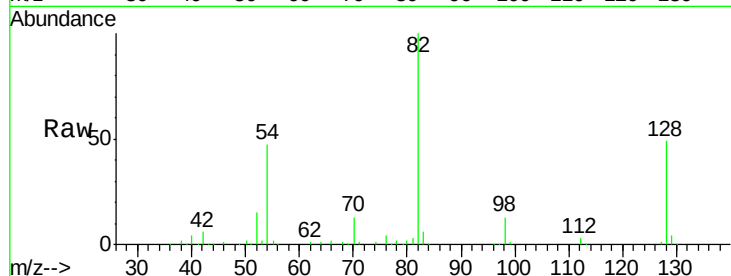
#23
 Nitrobenzene-d5
 Concen: 42.86 ng
 RT: 7.87 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF079277.D
 Acq: 15 May 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 1505123097

Tot Ion	Ratio	Resp	Lower	Upper
82	100	196216		
128	49.3	29.7	44.5#	
54	46.8	46.2	69.4	

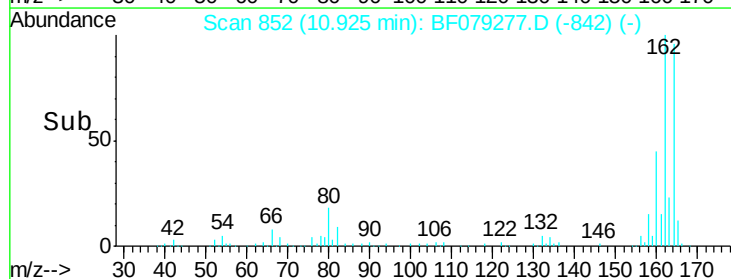
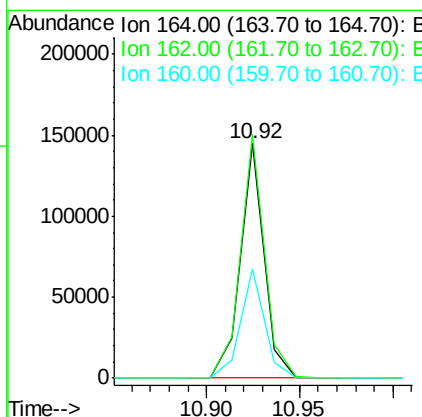
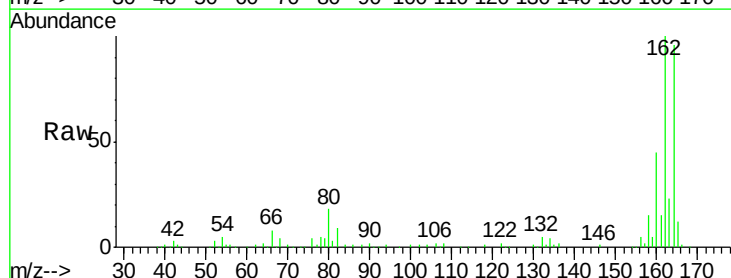
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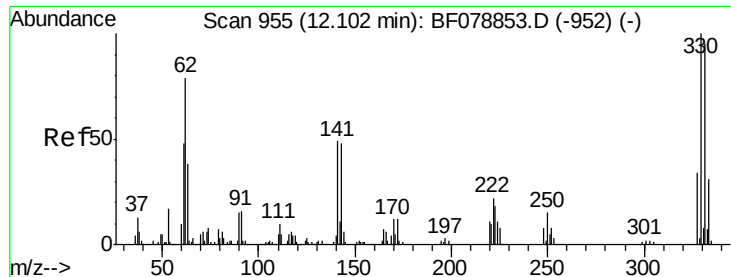
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF079277.D
 Acq: 15 May 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128709		
162	103.9	81.4	122.0	
160	46.5	36.6	54.8	





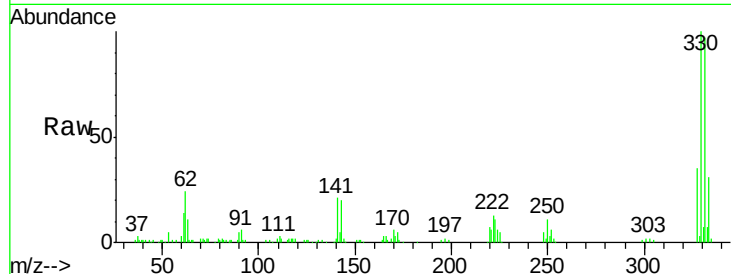
#41
 2,4,6-Tribromophenol
 Concen: 72.61 ng
 RT: 11.91 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF079277.D
 Acq: 15 May 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 1505123097

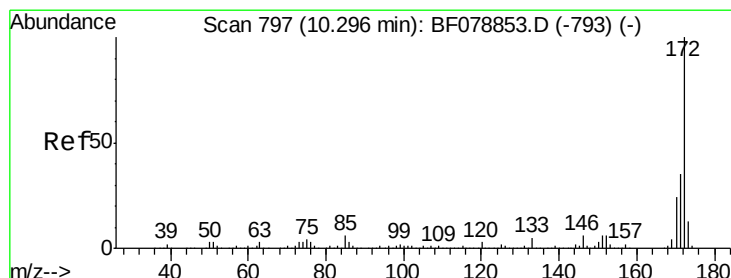
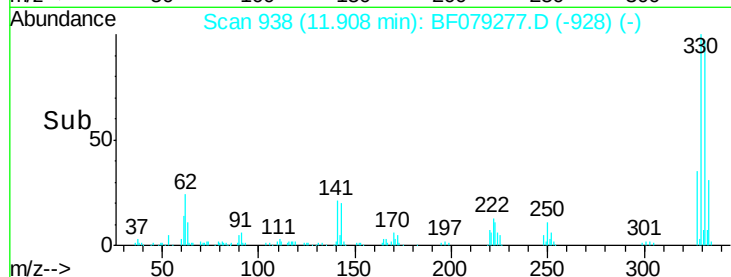
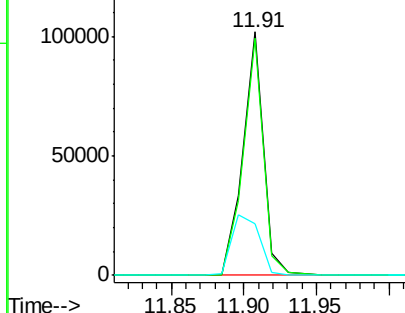
Tot Ion:	330	Resp:	101101
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	33.3	27.8	41.8

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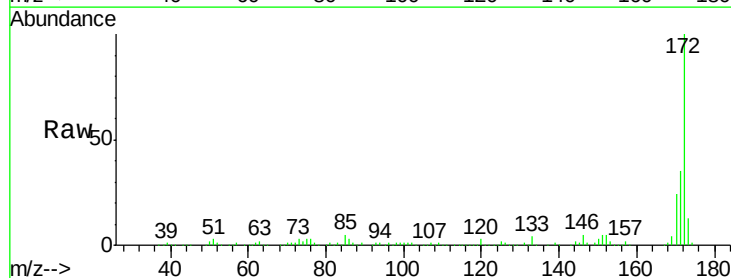


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

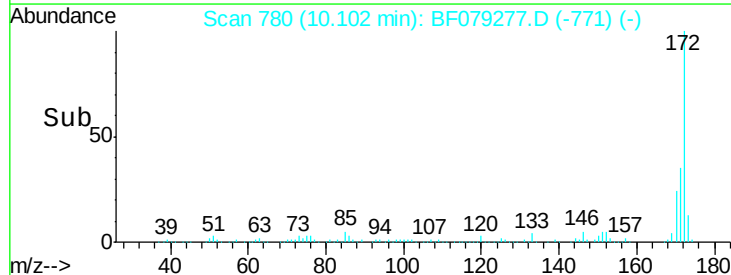
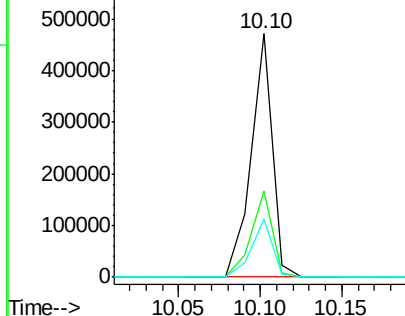


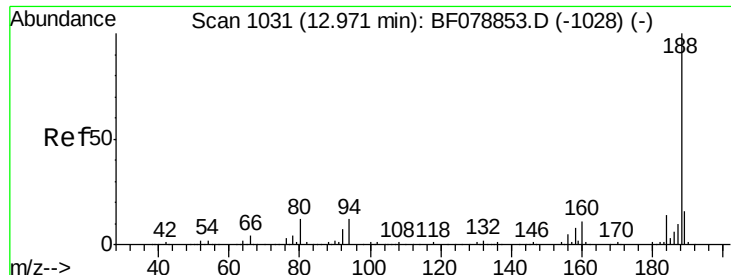
#44
 2-Fluorobiphenyl
 Concen: 46.07 ng
 RT: 10.10 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF079277.D
 Acq: 15 May 2015 18:42

Tgt Ion:	172	Resp:	425592
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.3	42.5
170	23.9	19.4	29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF079277.D

Acq: 15 May 2015 18:42

Instrument :

BNA_F

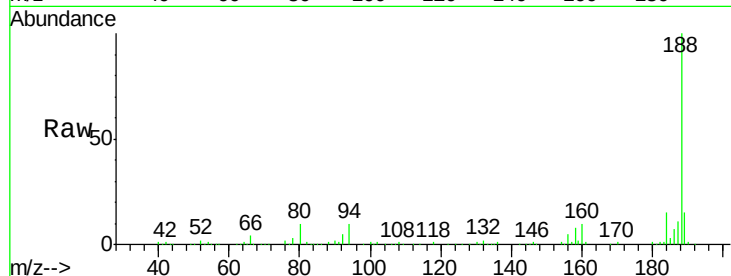
ClientSampleId :

1505123097

Tot Ion:	188	Resp:	247727
Ion Ratio	Lower	Upper	
188	100		
94	9.7	9.4	14.0
80	10.2	9.8	14.6

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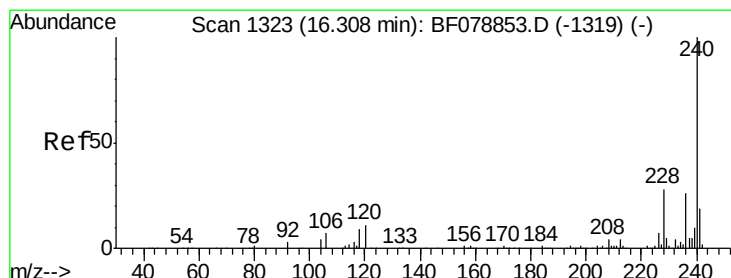
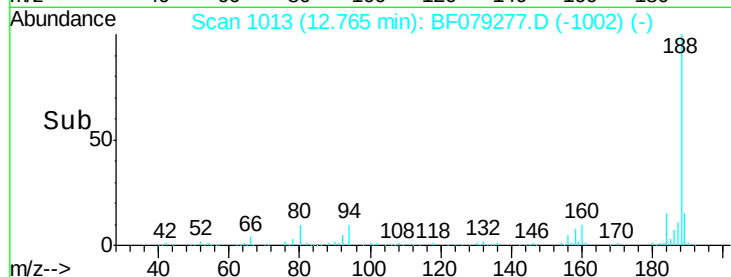
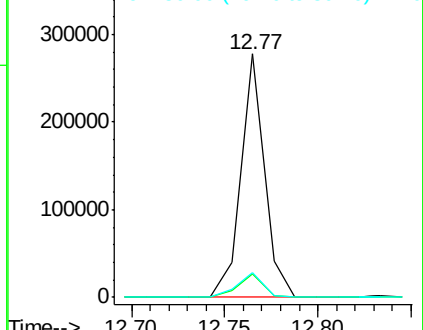
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.06 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF079277.D

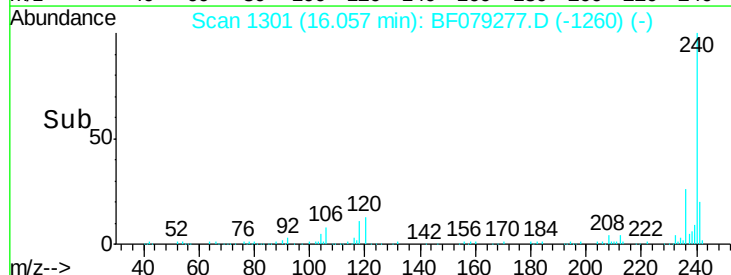
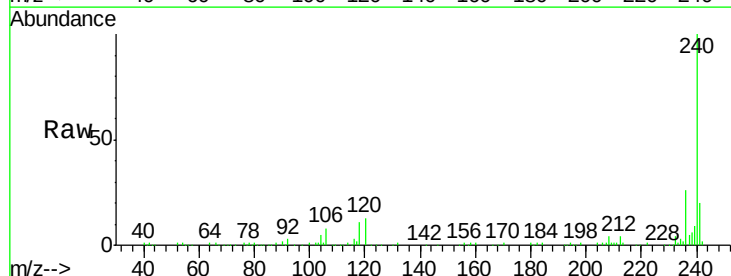
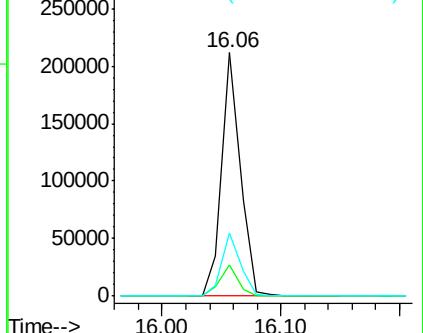
Acq: 15 May 2015 18:42

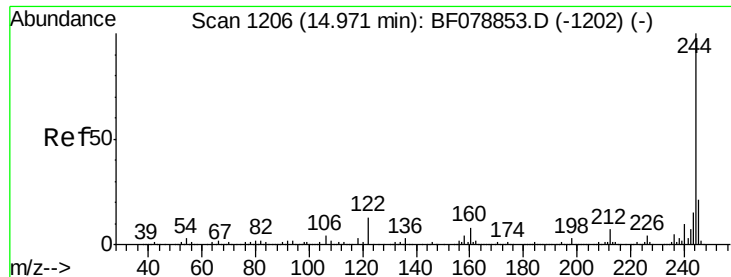
Tgt Ion:	240	Resp:	230315
Ion Ratio	Lower	Upper	
240	100		
120	12.5	8.6	12.8
236	26.1	21.0	31.6

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: 49.16 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF079277.D

Acq: 15 May 2015 18:42

Instrument :

BNA_F

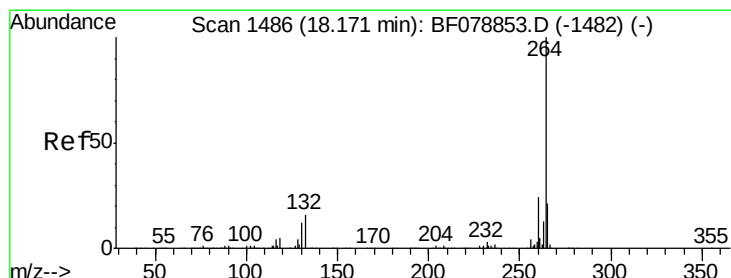
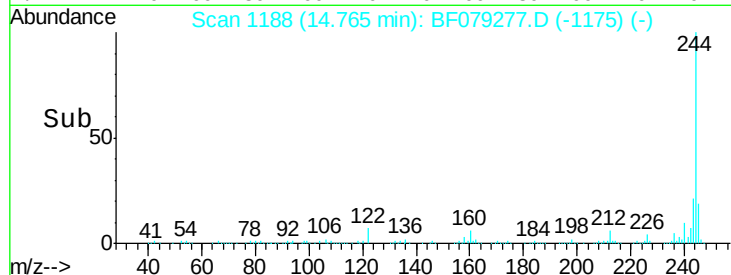
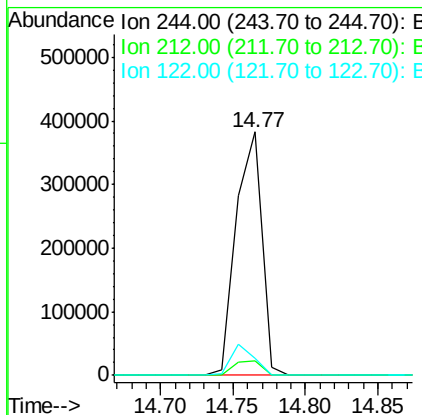
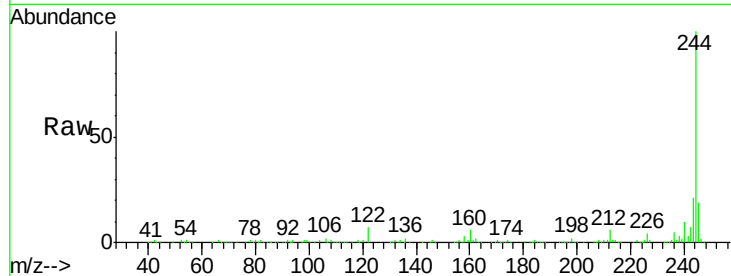
ClientSampleId :

1505123097

Tot Ion:	244	Resp:	472871
Ion Ratio	Lower	Upper	
244	100		
212	5.8	5.6	8.4
122	7.2	10.5	15.7#

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#86

Perylene-d12

Concen: 20.00 ng

RT: 17.84 min Scan# 1457

Delta R.T. -0.09 min

Lab File: BF079277.D

Acq: 15 May 2015 18:42

Tgt Ion:	264	Resp:	227414
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.0	17.2	25.8

