

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079282.D
 Acq On : 15 May 2015 21:06
 Operator : TP/IZ
 Sample : PB83417TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83417TB

Manual Integrations
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Quant Time: May 15 23:58:43 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	67156	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	269109	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	130172	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	248544	20.00	ng	0.00
75) Chrysene-d12	16.05	240	228170	20.00	ng	-0.05
86) Perylene-d12	17.78	264	226320	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	453785m	116.32	ng	0.01
7) Phenol-d6	6.74	99	539711	104.66	ng	-0.01
23) Nitrobenzene-d5	7.87	82	337473	72.07	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	169807	120.58	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	695633	74.45	ng	0.00
78) Terphenyl-d14	14.77	244	784901	82.36	ng	0.00

Target Compounds Qvalue

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

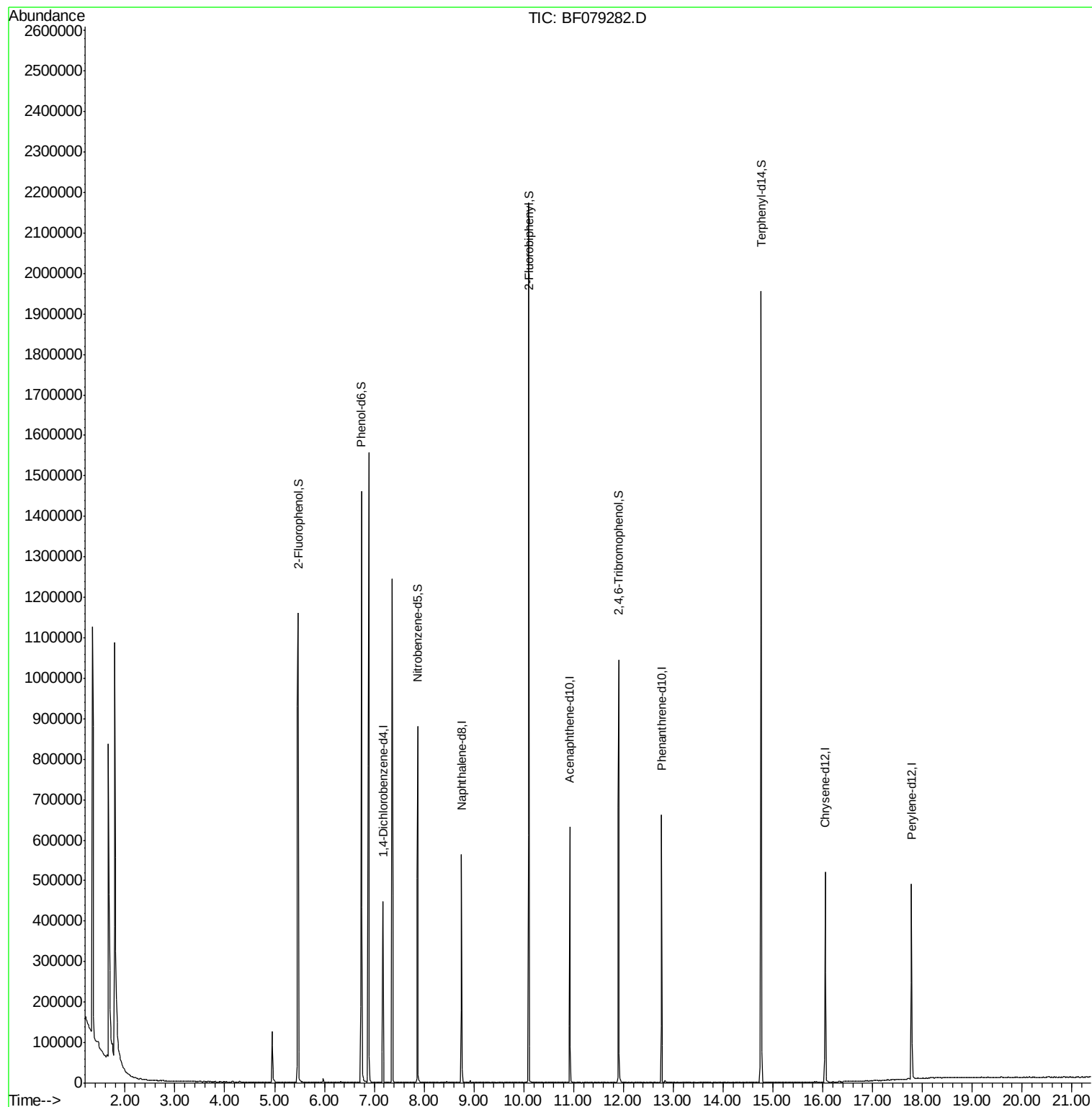
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079282.D
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Sample : PB83417TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

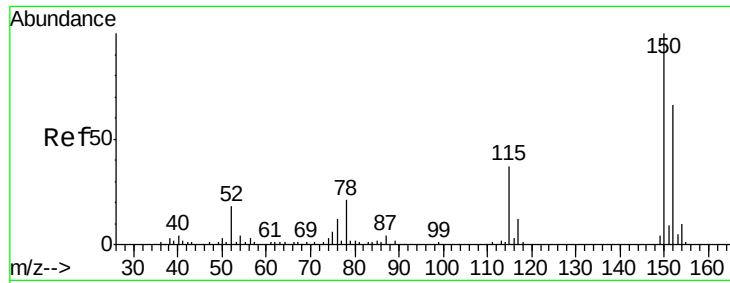
Instrument :
BNA_F
ClientSampleId :
PB83417TB

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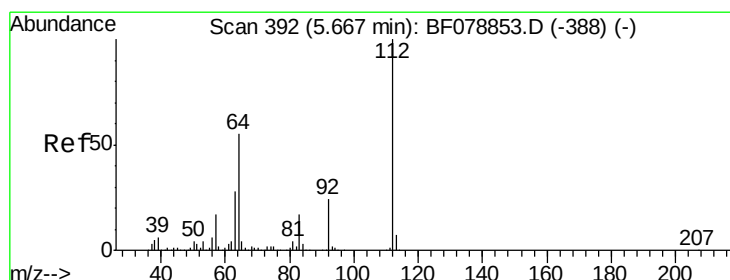
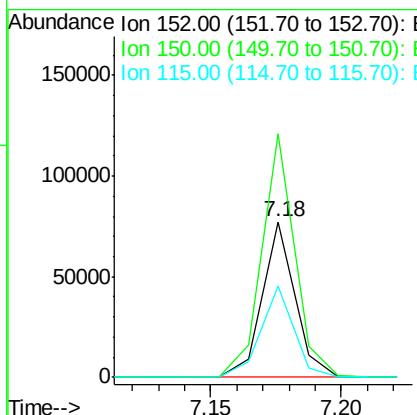
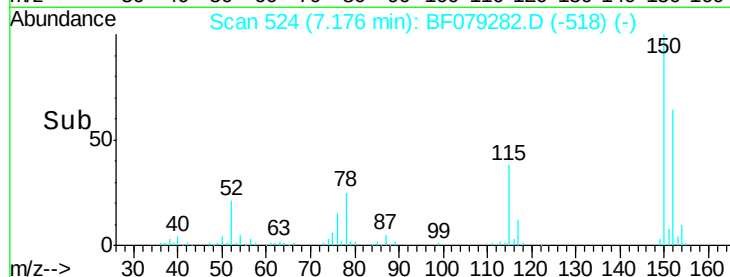
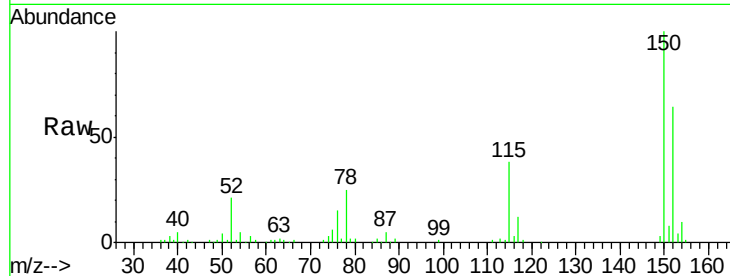
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83417TB

Tot Ion:	152	Resp:	67156
Ion Ratio	Lower	Upper	
152	100		
150	156.3	123.8	185.8
115	59.0	49.4	74.0

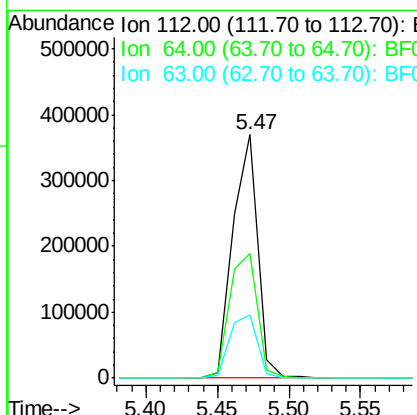
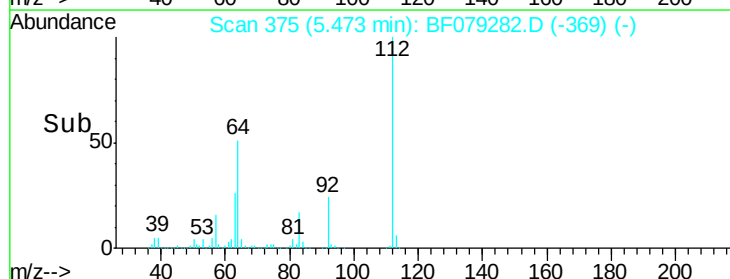
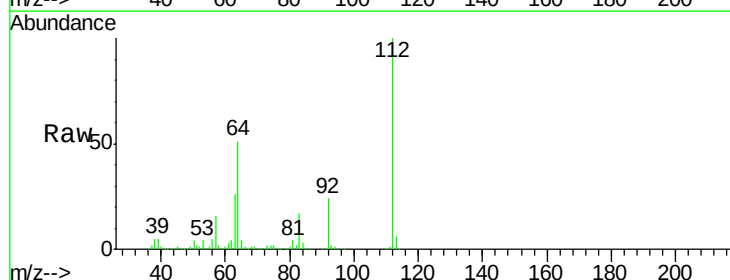
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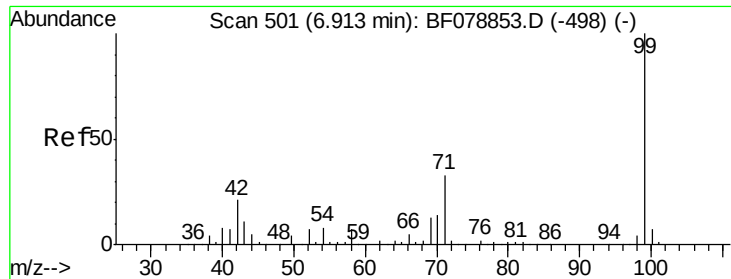
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#5
 2-Fluorophenol
 Concen: 116.32 ng m
 RT: 5.47 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Tgt Ion:	112	Resp:	453785
Ion Ratio	Lower	Upper	
112	100		
64	51.4	44.2	66.2
63	25.9	22.7	34.1





#7

Phenol-d6

Concen: 104.66 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079282.D

Acq: 15 May 2015 21:06

Instrument :

BNA_F

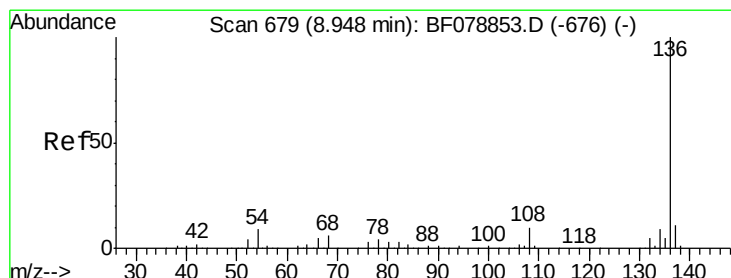
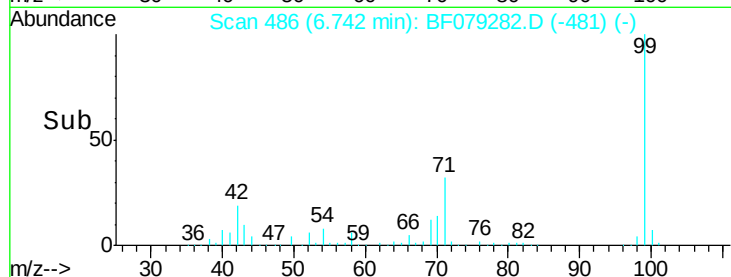
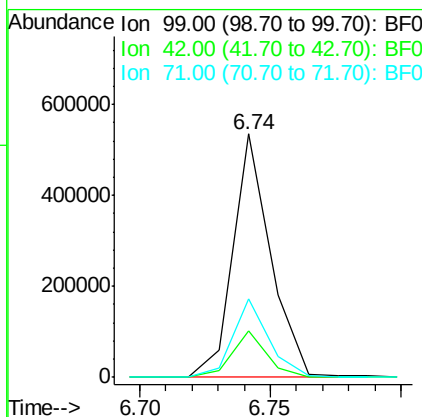
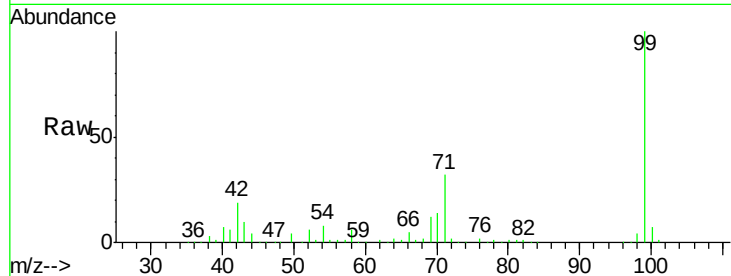
ClientSampleId :

PB83417TB

Tot Ion:	99	Resp:	539711
Ion Ratio	Lower	Upper	
99	100		
42	19.0	17.1	25.7
71	32.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng

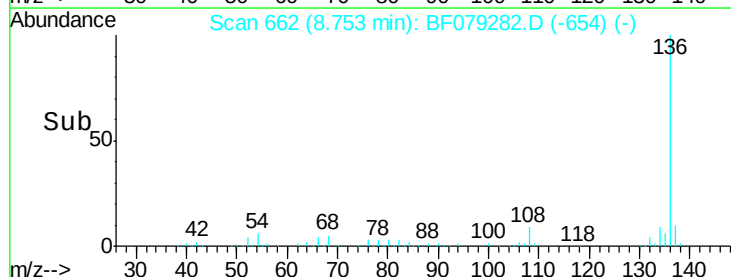
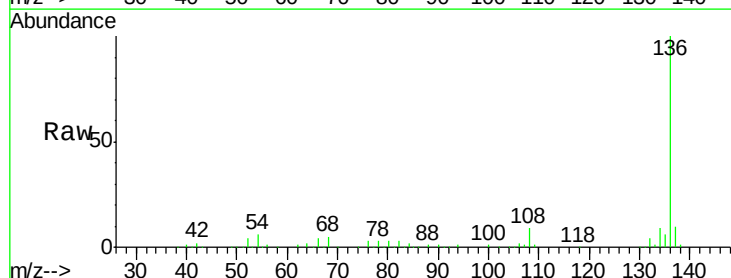
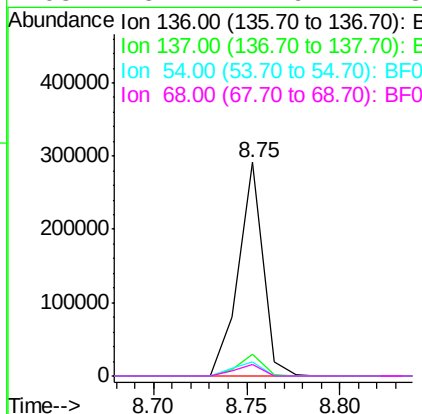
RT: 8.75 min Scan# 662

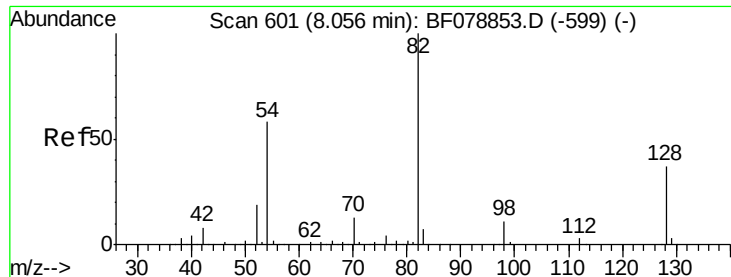
Delta R.T. 0.00 min

Lab File: BF079282.D

Acq: 15 May 2015 21:06

Tgt Ion:	136	Resp:	269109
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.8	13.2
54	6.4	6.9	10.3#
68	5.1	4.9	7.3





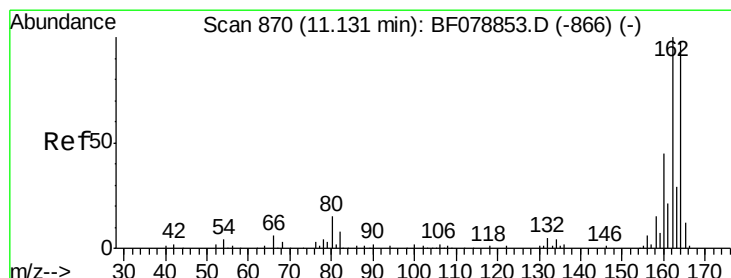
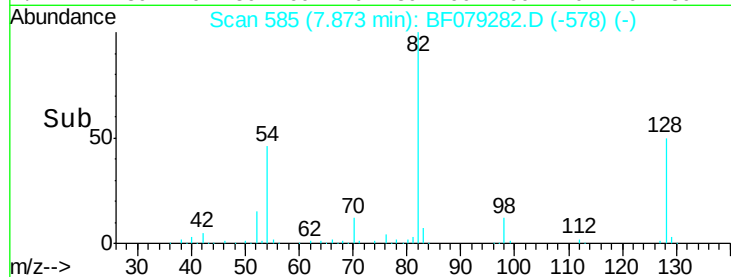
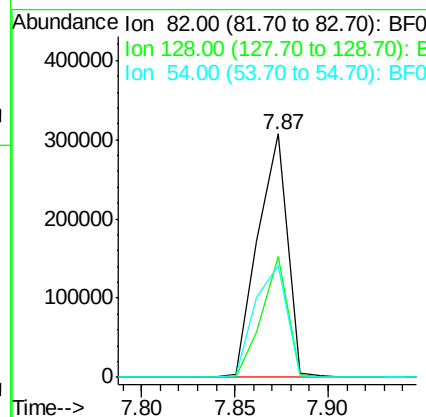
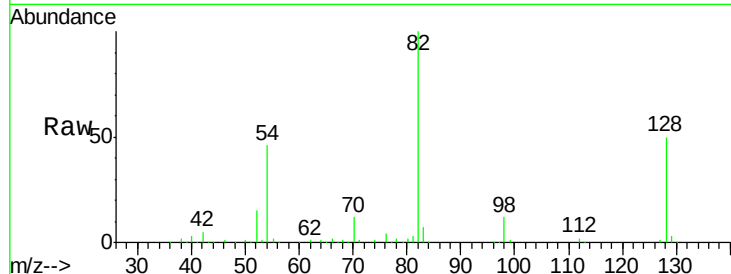
#23
 Nitrobenzene-d5
 Concen: 72.07 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83417TB

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.7	29.7	44.5#	
54	45.6	46.2	69.4#	

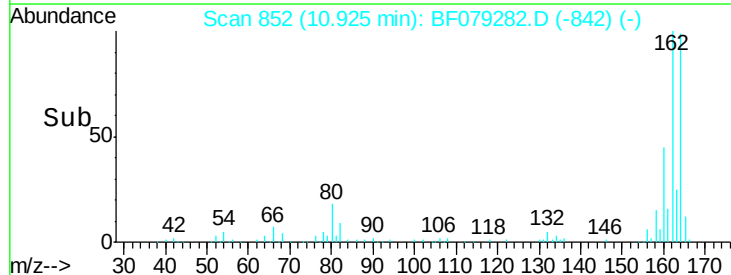
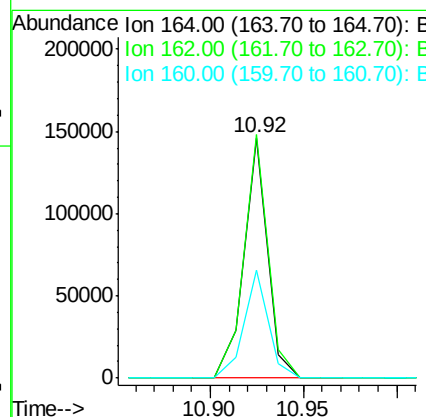
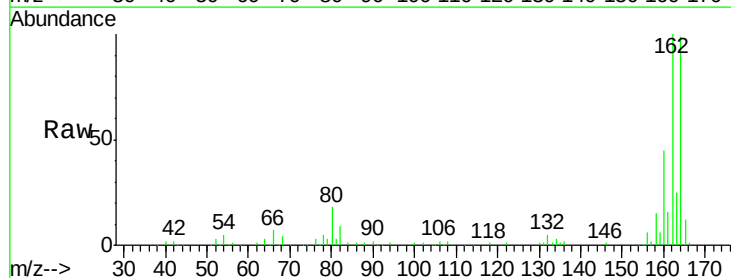
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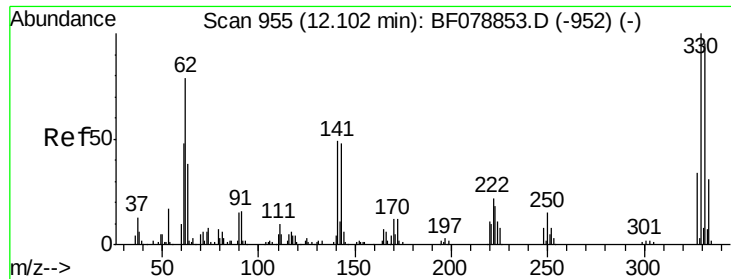
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	81.4	122.0	
160	45.2	36.6	54.8	





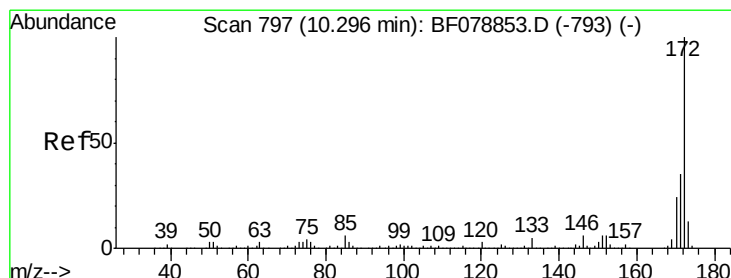
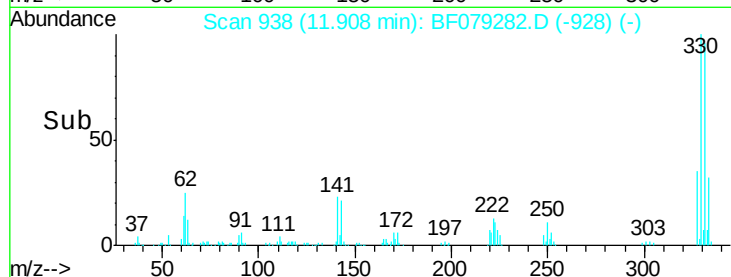
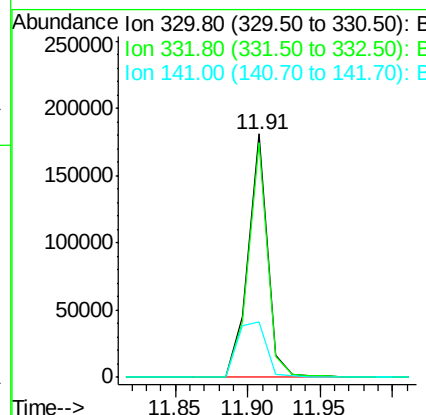
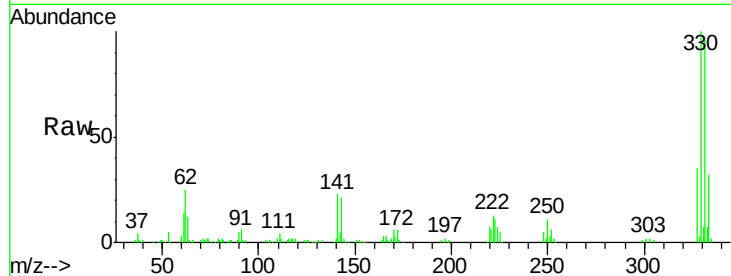
#41
 2,4,6-Tribromophenol
 Concen: 120.58 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83417TB

Tot Ion	Ratio	Resp	Lower	Upper
330	100	169807		
332	95.9	76.9	115.3	
141	33.6	27.8	41.8	

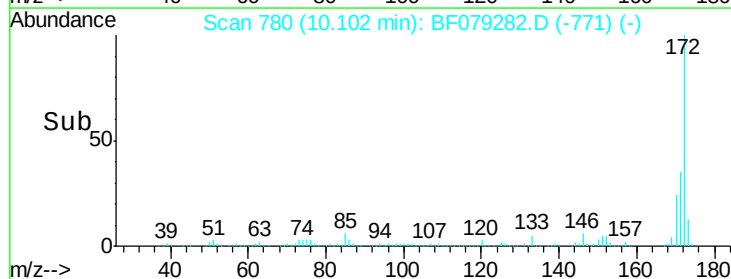
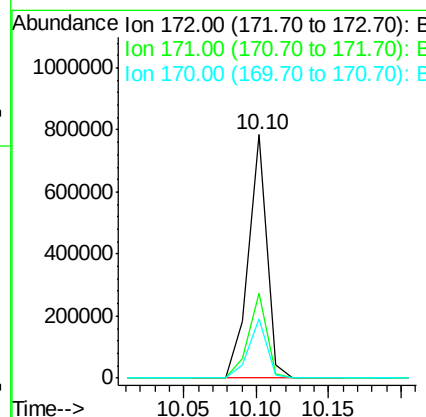
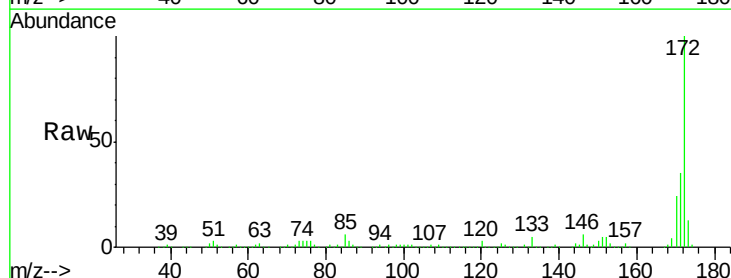
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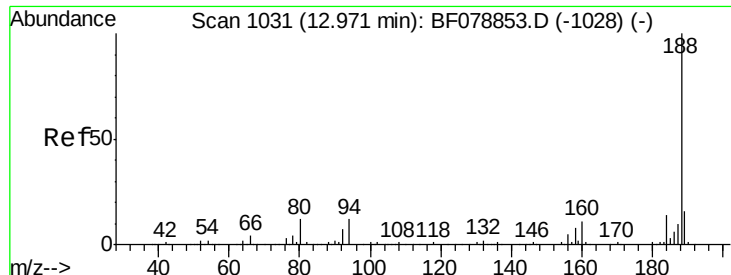
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#44
 2-Fluorobiphenyl
 Concen: 74.45 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	695633		
171	35.0	28.3	42.5	
170	24.2	19.4	29.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF079282.D

Acq: 15 May 2015 21:06

Instrument :

BNA_F

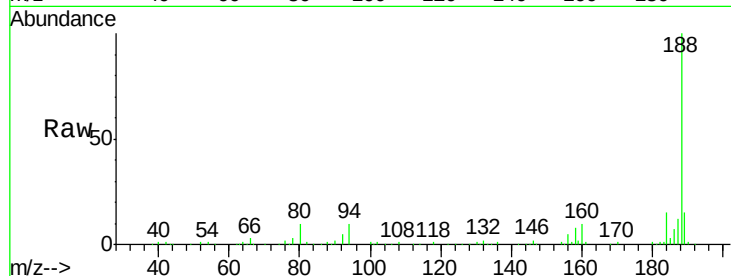
ClientSampleId :

PB83417TB

Tot Ion:	188	Resp:	248544
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.4	14.0
80	9.6	9.8	14.6#

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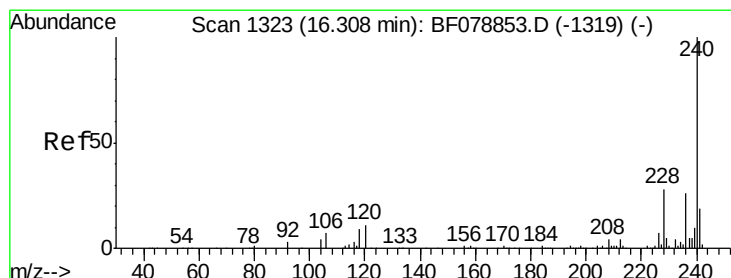
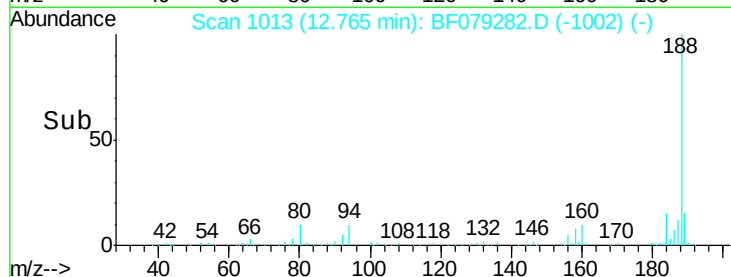
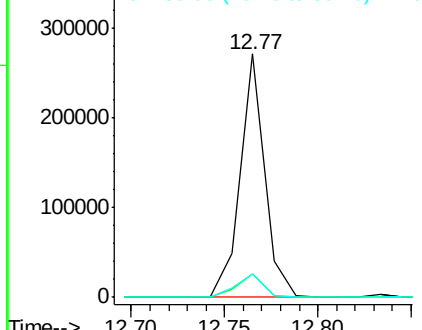
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Abundance Ion 188.00 (187.70 to 188.70): E

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

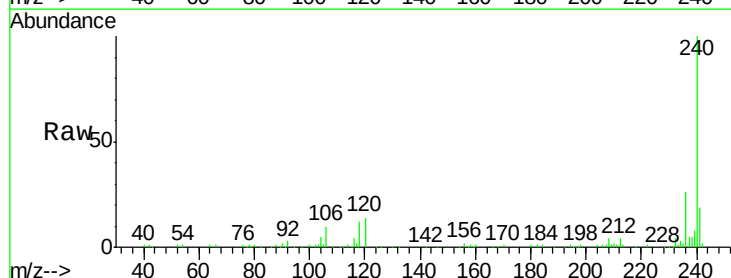
RT: 16.05 min Scan# 1300

Delta R.T. -0.05 min

Lab File: BF079282.D

Acq: 15 May 2015 21:06

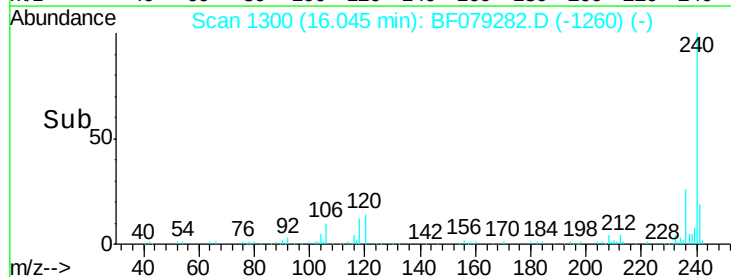
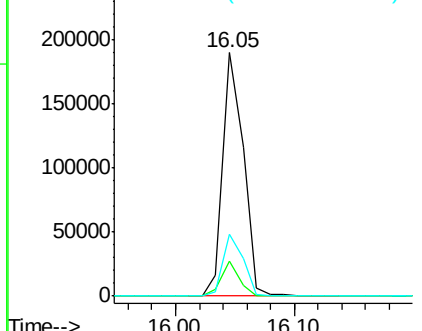
Tgt Ion:	240	Resp:	228170
Ion Ratio	Lower	Upper	
240	100		
120	14.4	8.6	12.8#
236	25.6	21.0	31.6

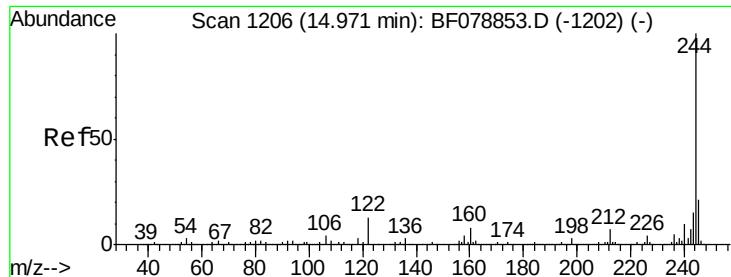


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





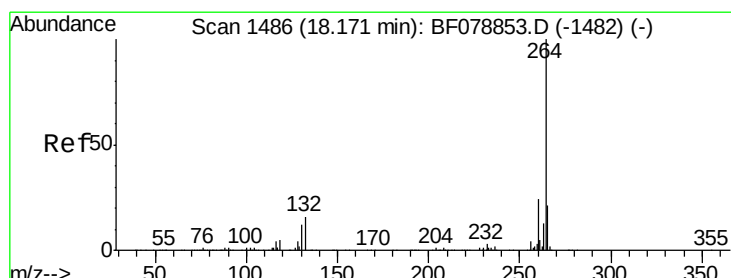
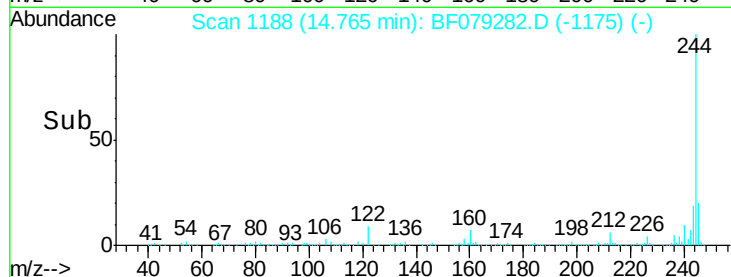
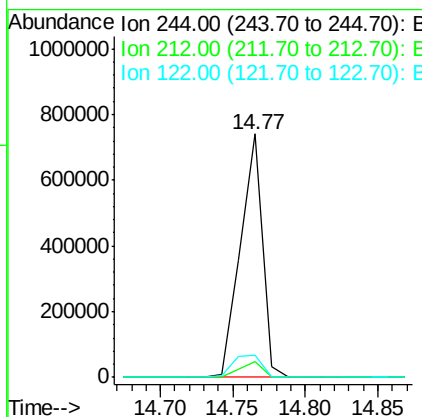
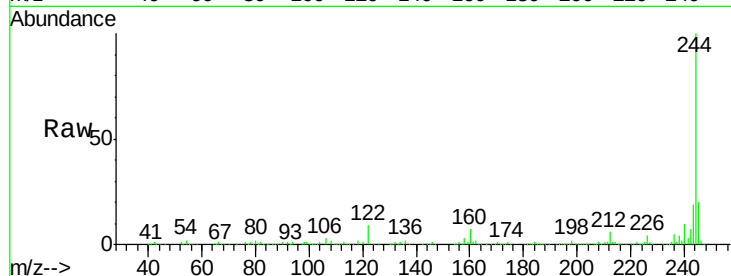
#78
 Terphenyl-d14
 Concen: 82.36 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :
 PB83417TB

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	9.2	10.5	15.7

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1452
 Delta R.T. -0.15 min
 Lab File: BF079282.D
 Acq: 15 May 2015 21:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.2	25.8

