

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086701.D
 Acq On : 5 May 2016 2:50
 Operator : UM/SJ
 Sample : H2829-05 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B14(0-9.5)-C

Manual Integrations
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Quant Time: May 05 05:36:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	186798	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	675588	40.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	275304	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	433889m	40.00	ng	0.00
75) Chrysene-d12	13.88	240	432834	40.00	ng	0.00
86) Perylene-d12	15.28	264	296420	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	516771	45.80	ng	0.00
7) Phenol-d6	6.37	99	634629	41.75	ng	0.00
23) Nitrobenzene-d5	7.30	82	382222	29.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	102004	37.88	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	602520	35.88	ng	0.00
78) Terphenyl-d14	12.84	244	446108	20.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	64759	3.16	ng	98
74) Fluoranthene	12.47	202	57877	2.48	ng	94

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

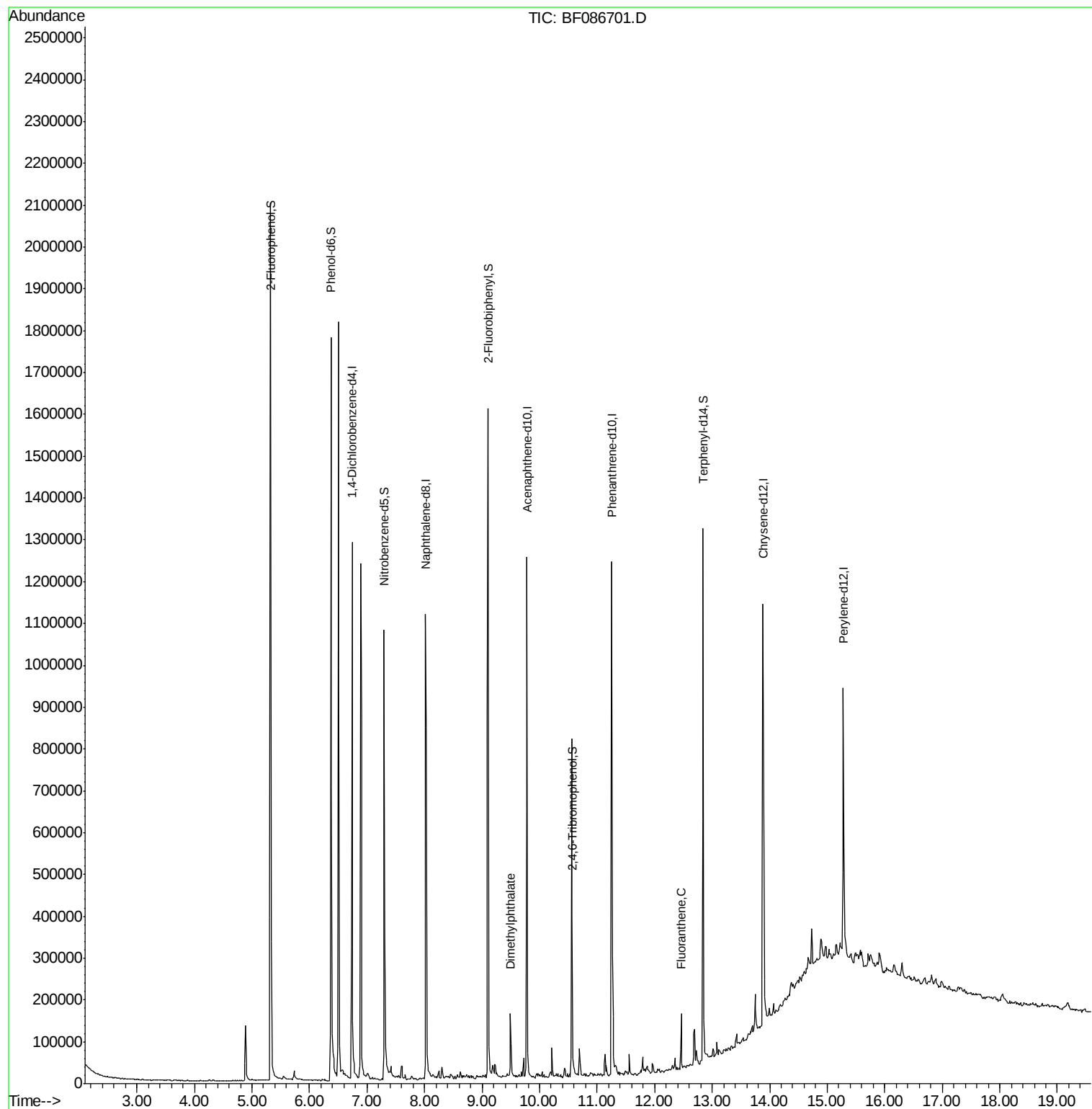
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
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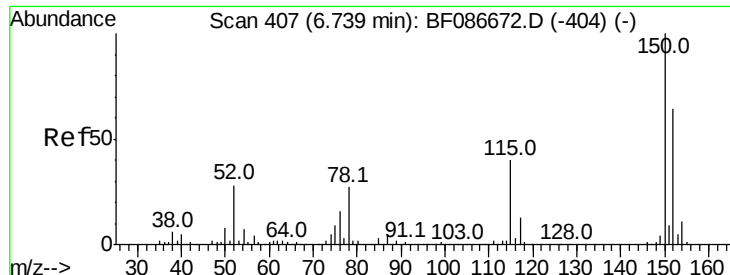
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Instrument :

BNA_F

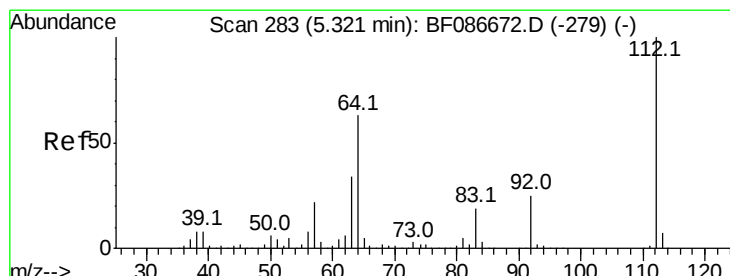
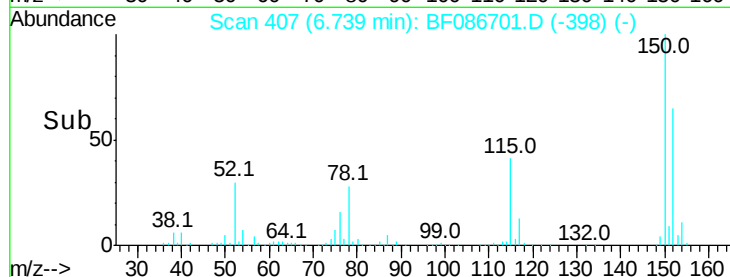
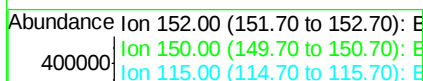
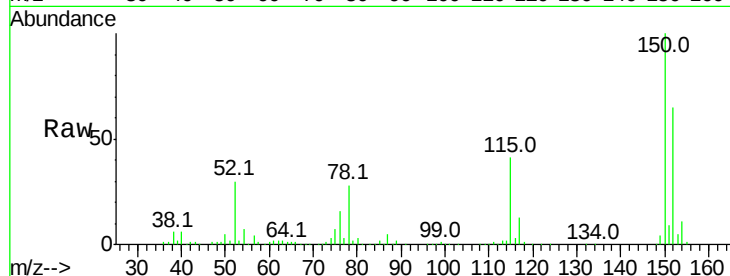
ClientSampleId :

EUT01-TD-B14(0-9.5)-C

Tot Ion:	152	Resp:	186798
Ion Ratio	Lower	Upper	
152	100		
150	154.6	125.8	188.6
115	63.0	51.5	77.3

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#5

2-Fluorophenol

Concen: 45.80 ng

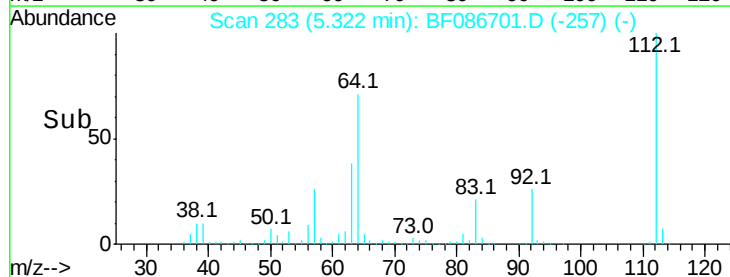
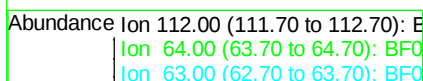
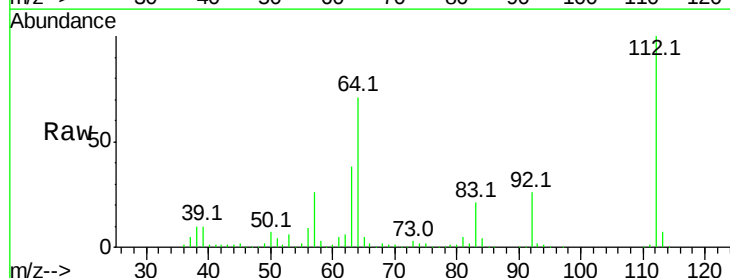
RT: 5.32 min Scan# 283

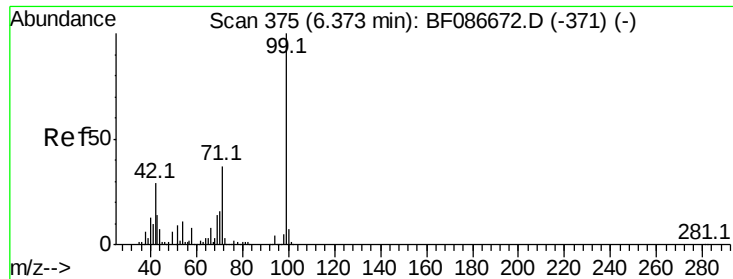
Delta R.T. 0.00 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Tgt Ion:	112	Resp:	516771
Ion Ratio	Lower	Upper	
112	100		
64	71.1	52.1	78.1
63	37.9	25.7	38.5





#7

Phenol-d6

Concen: 41.75 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Instrument :

BNA_F

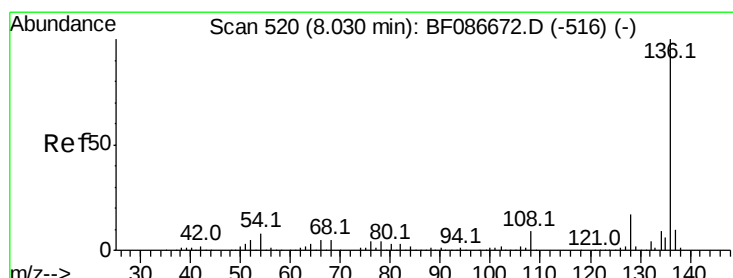
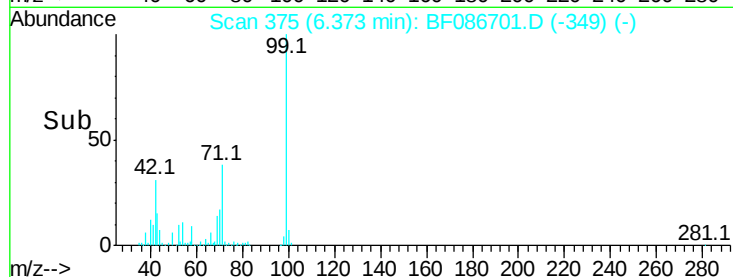
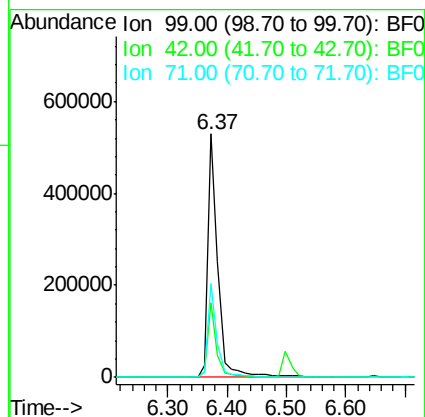
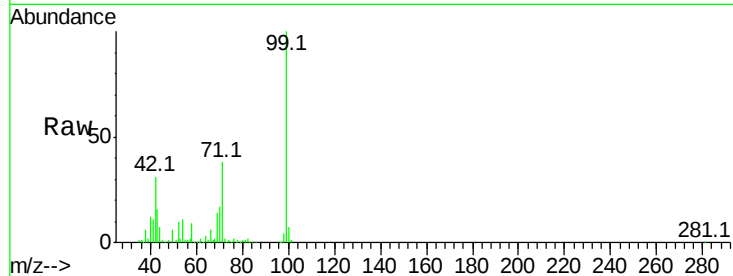
ClientSampleId :

EUT01-TD-B14(0-9.5)-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		634629		
42	30.8	13.6	20.4#		
71	38.5	24.6	36.8#		

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#21

Naphthalene-d8

Concen: 40.00 ng

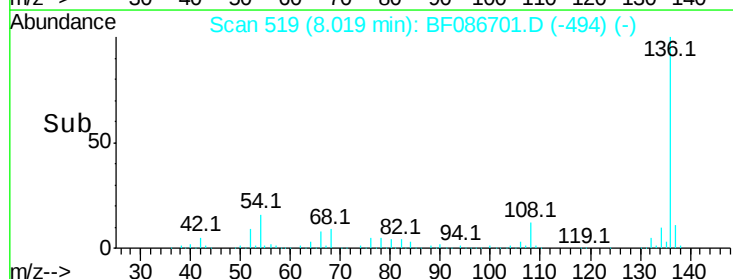
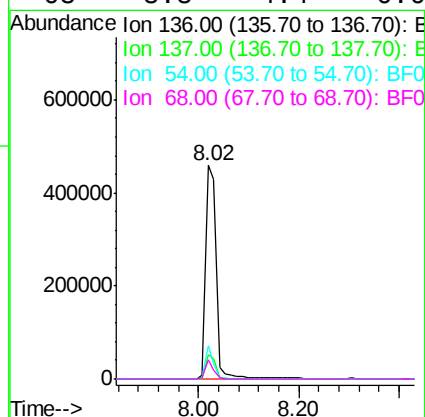
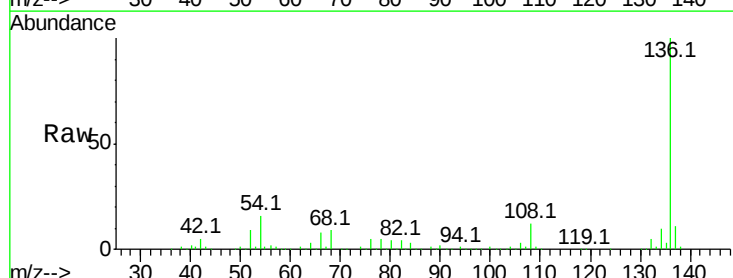
RT: 8.02 min Scan# 519

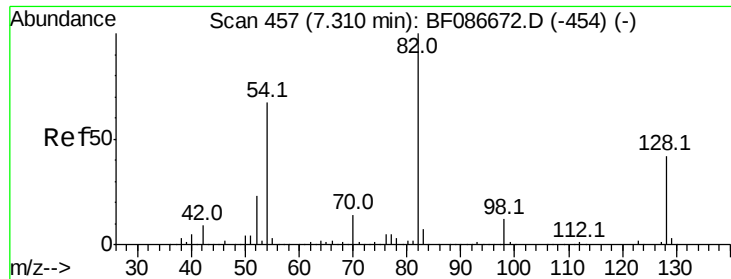
Delta R.T. -0.01 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		675588		
137	11.2	8.8	13.2		
54	15.8	5.0	7.4#		
68	8.8	4.4	6.6#		





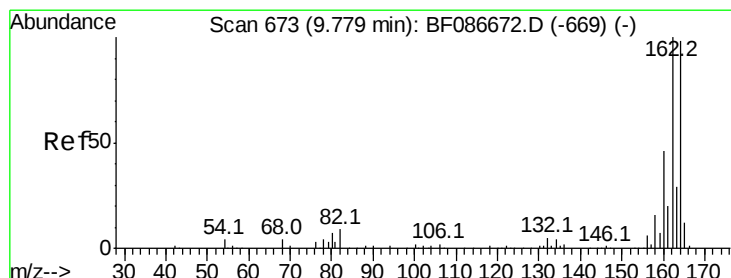
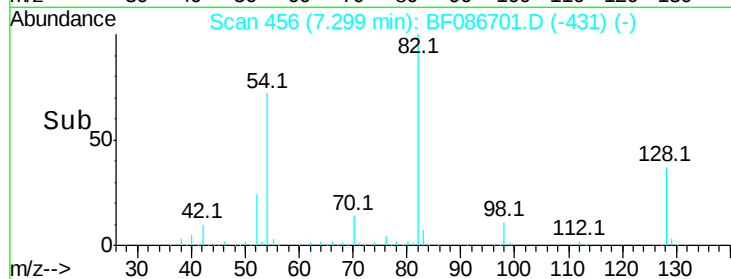
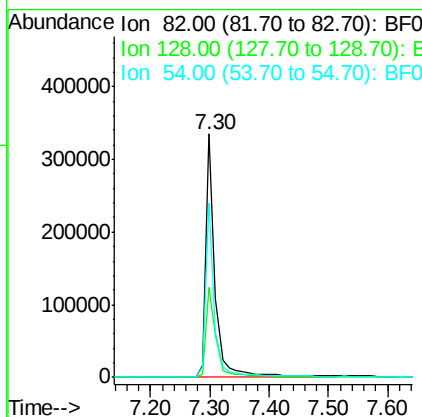
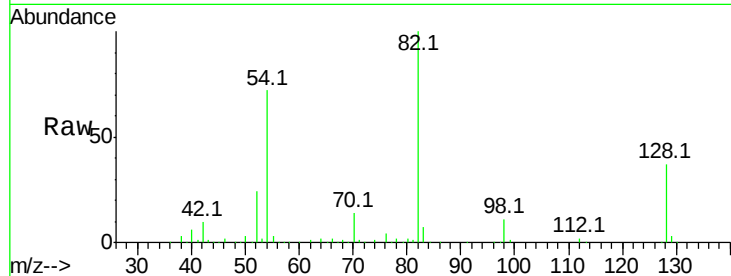
#23
Nitrobenzene-d5
Concen: 29.07 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086701.D
Acq: 5 May 2016 2:50

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B14(0-9.5)-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	40.6	61.0#
54	71.7	38.1	57.1#

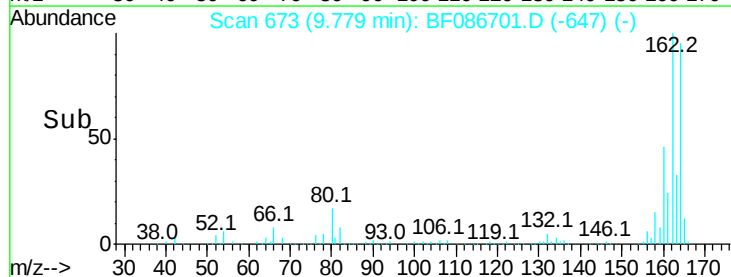
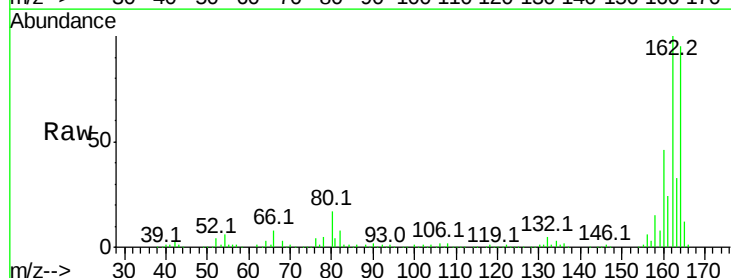
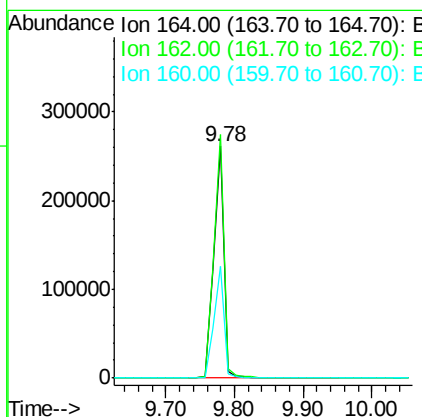
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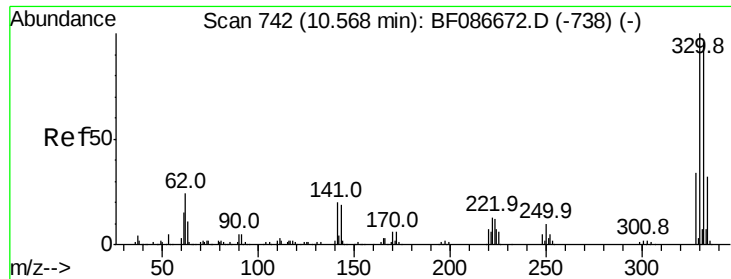
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086701.D
Acq: 5 May 2016 2:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.8	124.2
160	48.4	36.9	55.3





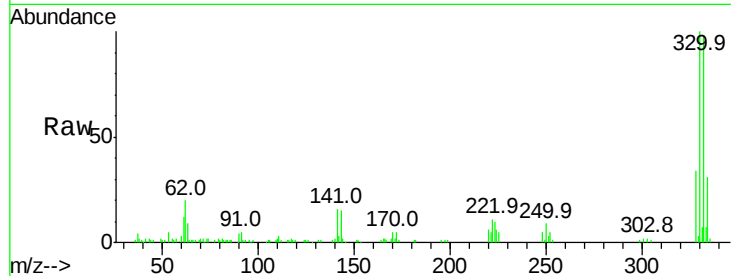
#41
 2,4,6-Tribromophenol
 Concen: 37.88 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B14(0-9.5)-C

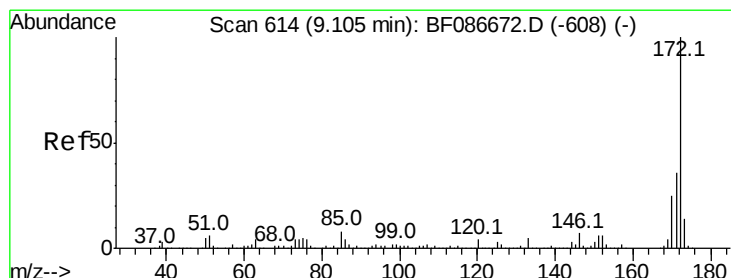
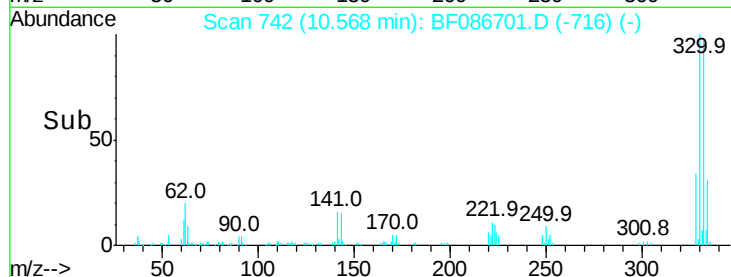
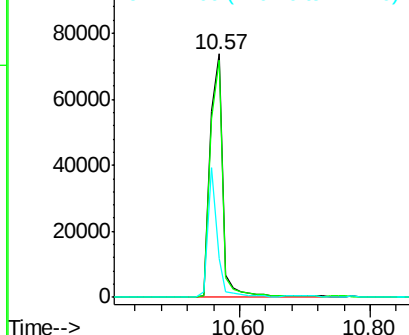
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	79.0	118.4	
141	39.1	31.2	46.8	

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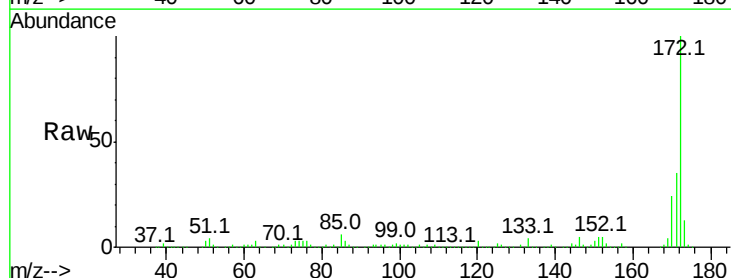


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

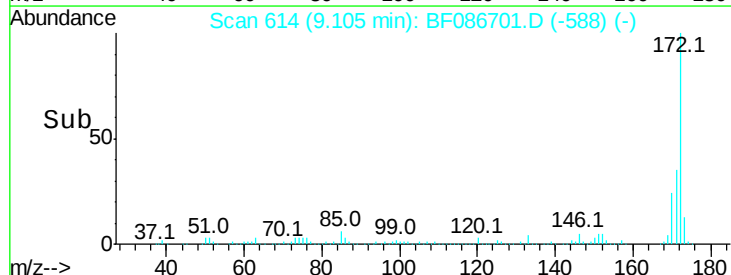
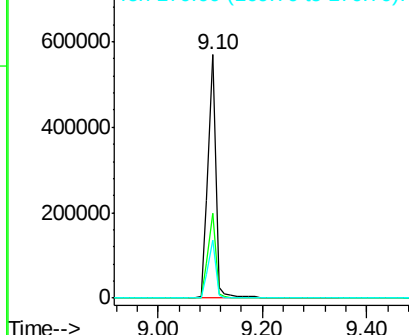


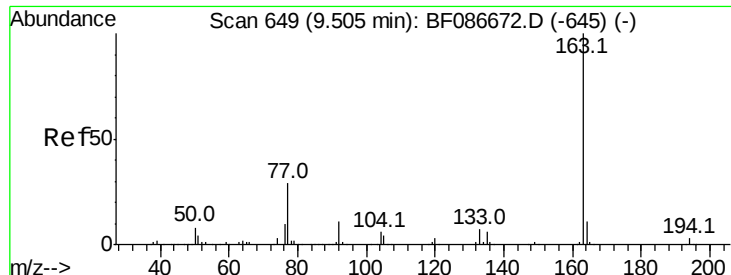
#44
 2-Fluorobiphenyl
 Concen: 35.88 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	29.0	43.6	
170	23.8	19.8	29.8	



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





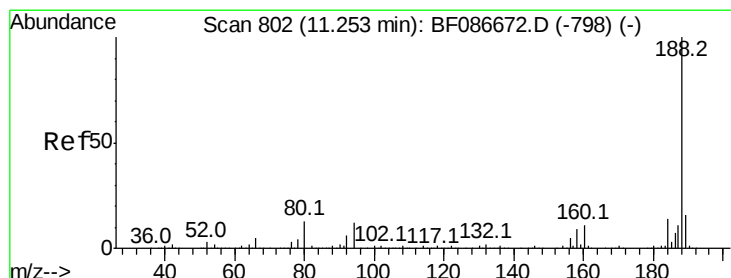
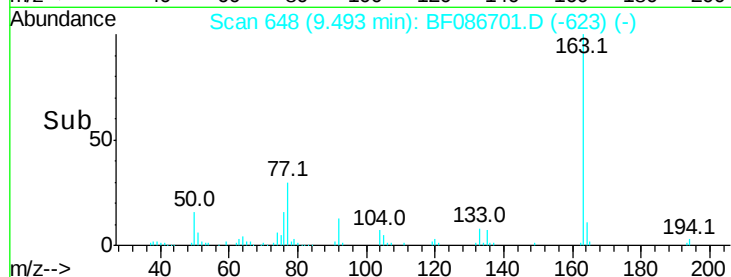
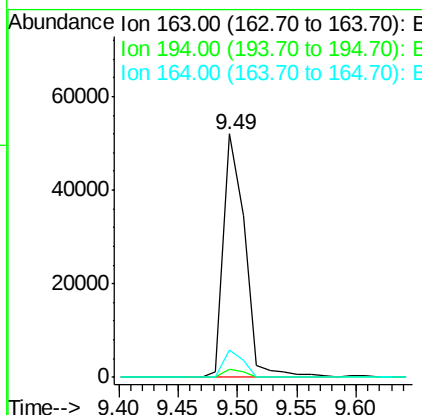
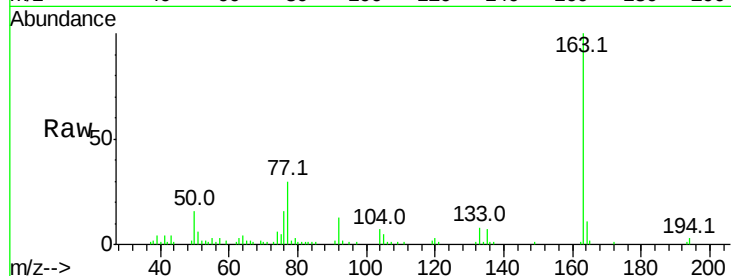
#49
Dimethylphthalate
Concen: 3.16 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086701.D
Acq: 5 May 2016 2:50

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B14(0-9.5)-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	64759		
194	3.2		2.6	4.0
164	11.4		8.2	12.4

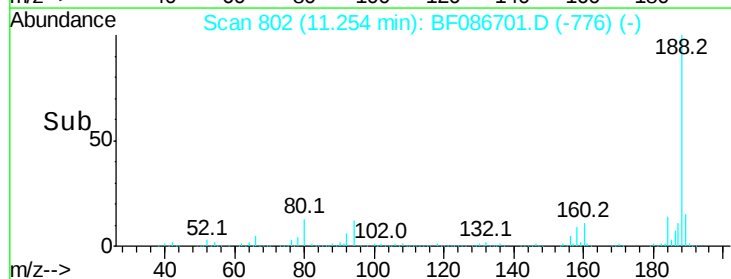
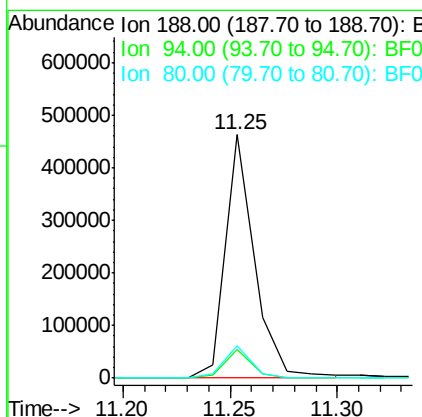
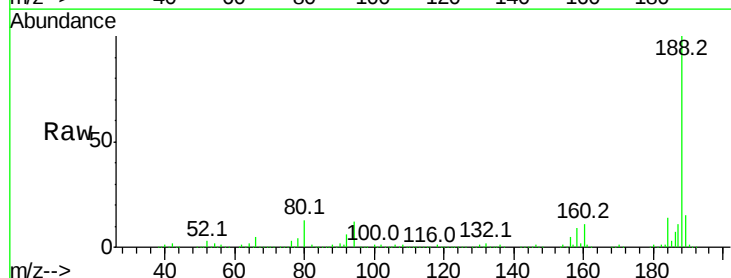
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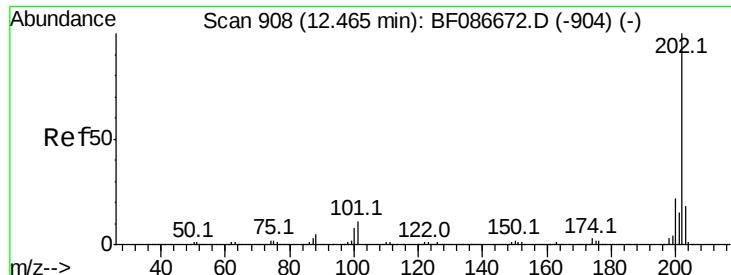
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#63
Phenanthrene-d10
Concen: 40.00 ng m
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086701.D
Acq: 5 May 2016 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	433889		
94	12.0		6.8	10.2#
80	13.2		7.1	10.7#





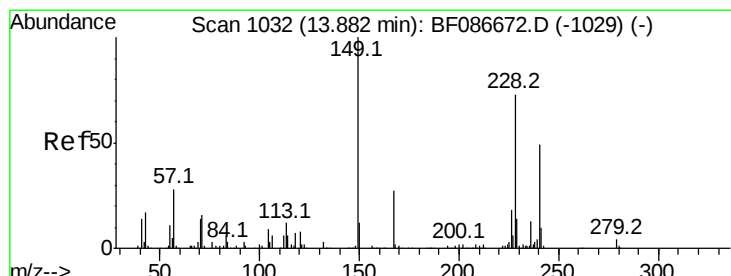
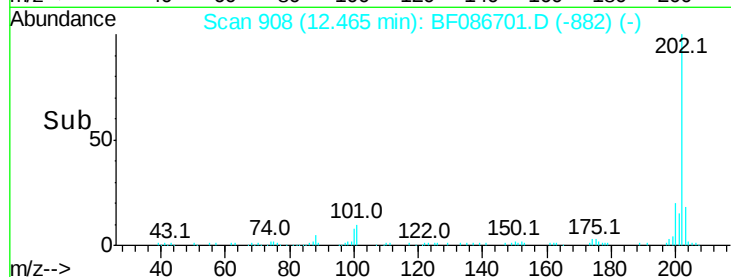
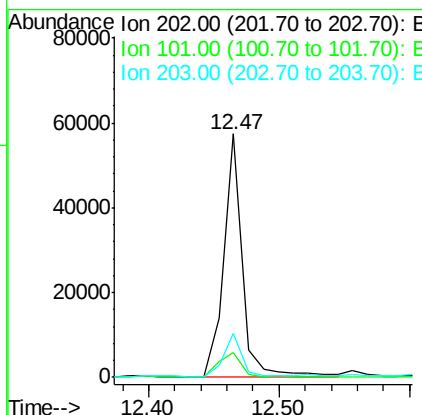
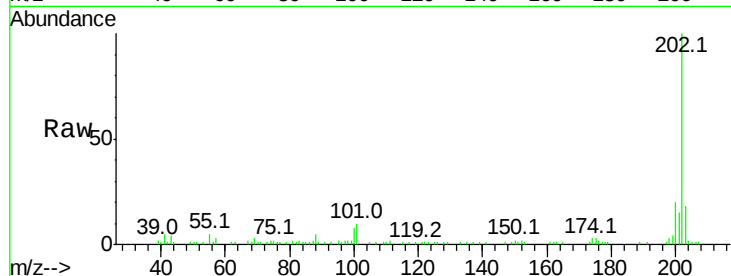
#74
 Fluoranthene
 Concen: 2.48 ng
 RT: 12.47 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B14(0-9.5)-C

Tot Ion	Ratio	Resp	Lower	Upper
202	100	57877		
101	9.9	0.0	35.4	
203	18.0	0.0	38.1	

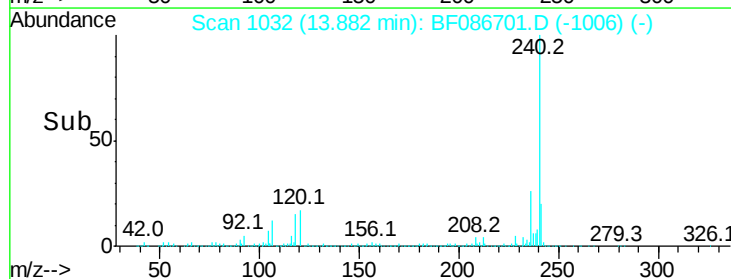
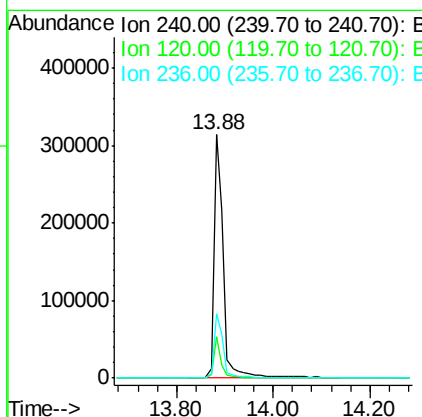
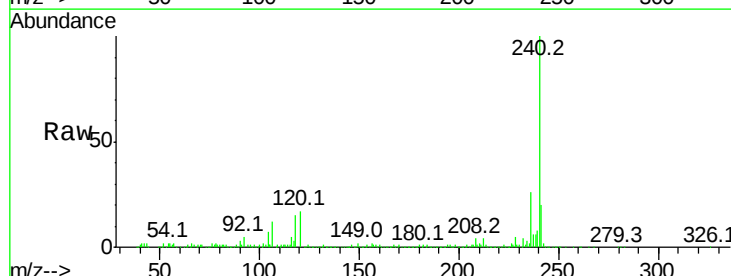
Manual Integrations
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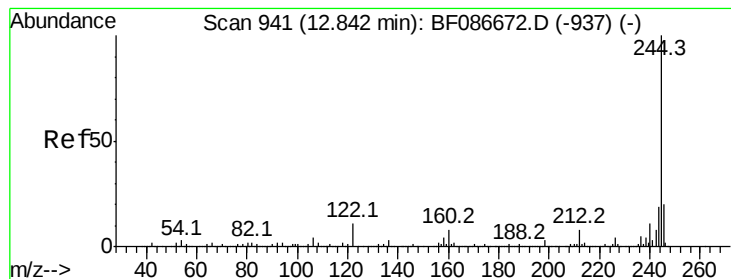
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#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF086701.D
 Acq: 5 May 2016 2:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	432834		
120	17.1	11.2	16.8#	
236	26.4	21.2	31.8	





#78

Terphenyl-d14

Concen: 20.83 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086701.D

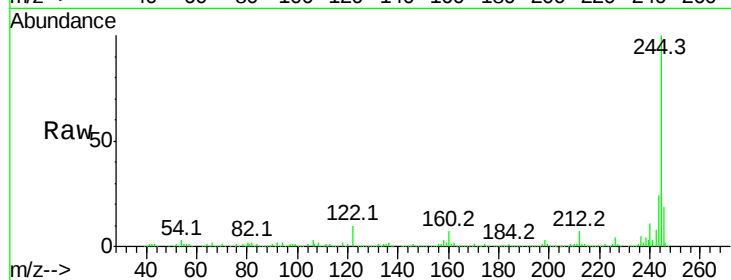
Acq: 5 May 2016 2:50

Instrument :

BNA_F

ClientSampleId :

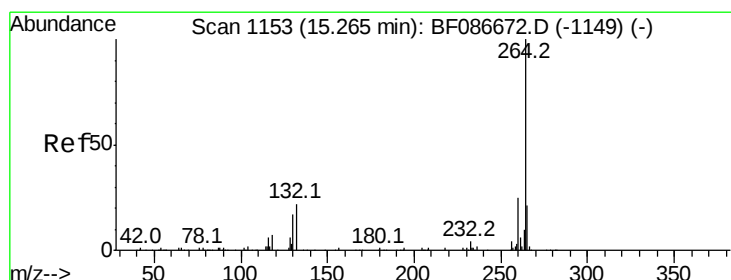
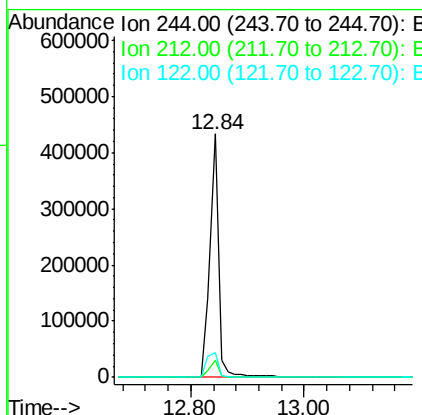
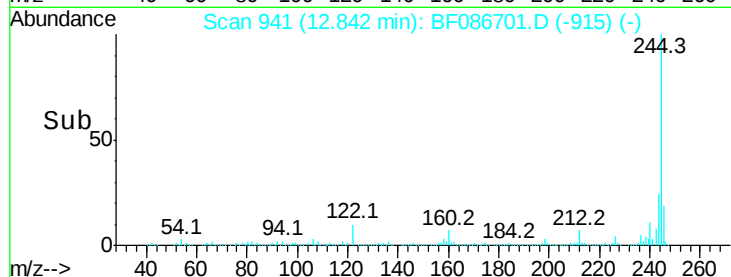
EUT01-TD-B14(0-9.5)-C



Tot Ion:	244	Resp:	446108
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.2	9.2
122	10.0	12.0	18.0#

Manual Integrations
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#86

Perylene-d12

Concen: 40.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF086701.D

Acq: 5 May 2016 2:50

Tgt Ion:	264	Resp:	296420
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	22.0	17.3	25.9

