

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088297.D
 Acq On : 23 Jun 2016 18:46
 Operator : UM/SJ
 Sample : H3065-11DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL

Manual Integrations
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Quant Time: Jun 24 13:40:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	20919	5.00	ng	-0.01
21) Naphthalene-d8	7.88	136	86960	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	39926	5.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	77492	5.00	ng	-0.01
75) Chrysene-d12	13.74	240	59009	5.00	ng	-0.01
86) Perylene-d12	15.10	264	43653	5.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.20	82	1271	0.21	ng	0.02
41) 2,4,6-Tribromophenol	10.43	330	804	0.48	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.68	244	8892	0.86	ng	-0.01
Target Compounds						
12) 1,3-Dichlorobenzene	6.54	146	19310	3.11	ng	96
13) 1,4-Dichlorobenzene	6.62	146	74332	11.87	ng	97
14) 1,2-Dichlorobenzene	6.76	146	489839m	86.02	ng	

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

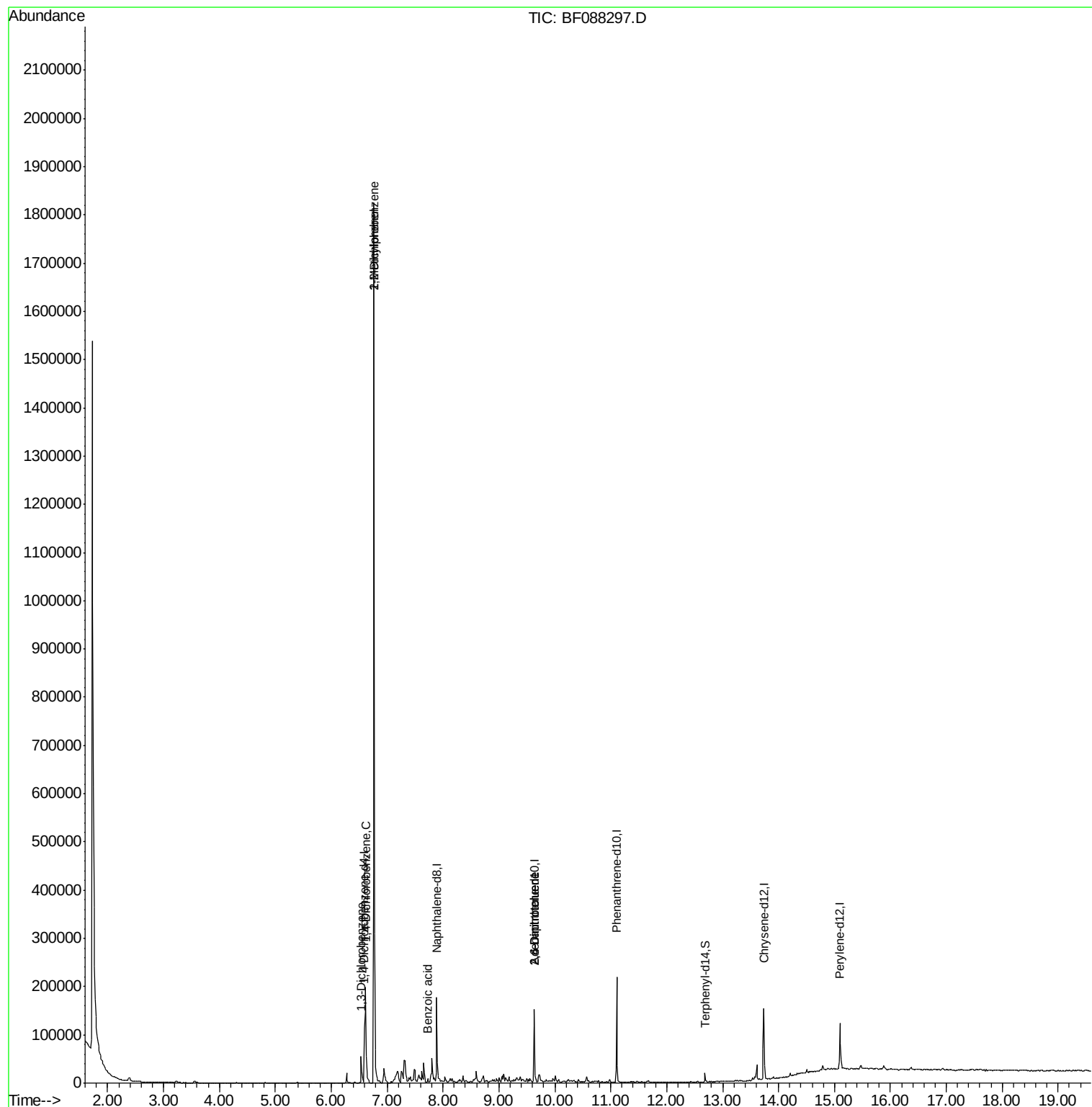
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088297.D
Acq On : 23 Jun 2016 18:46
Operator : UM/SJ
Sample : H3065-11DL 20X
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ALS Vial : 4 Sample Multiplier: 0.25

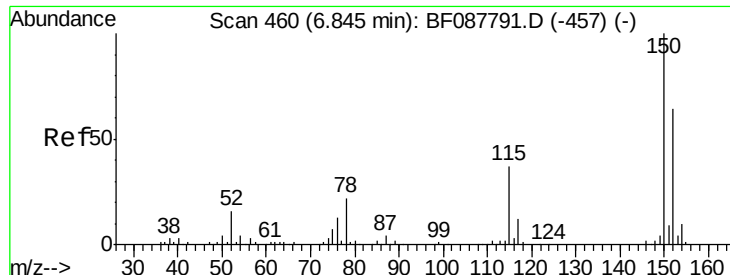
Instrument :
BNA_F
ClientSampleId :
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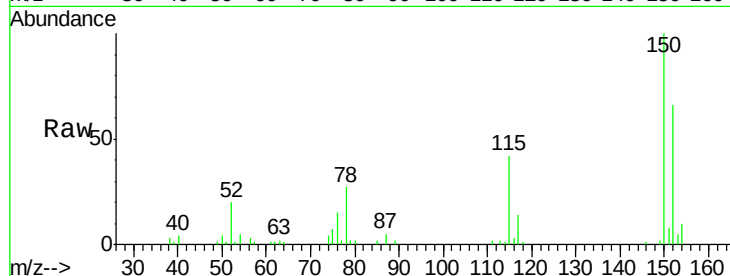
Quant Time: Jun 24 13:40:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

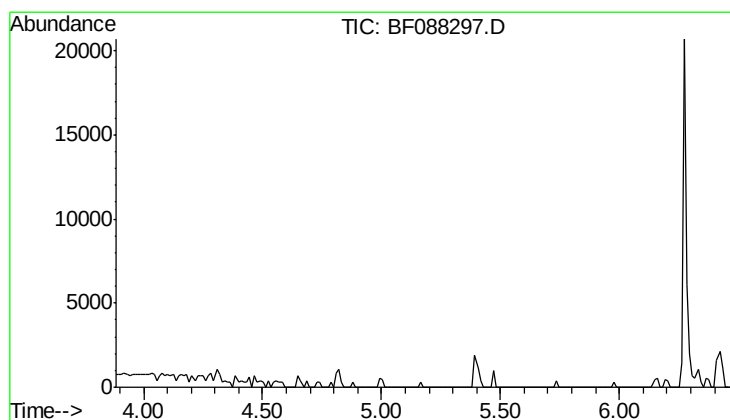
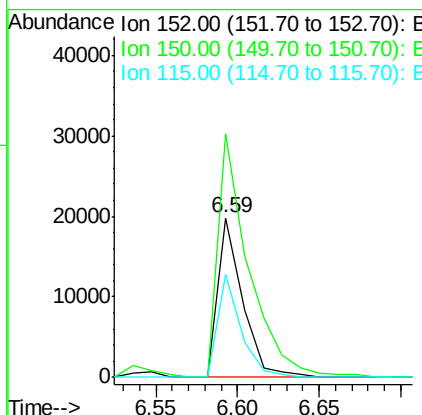
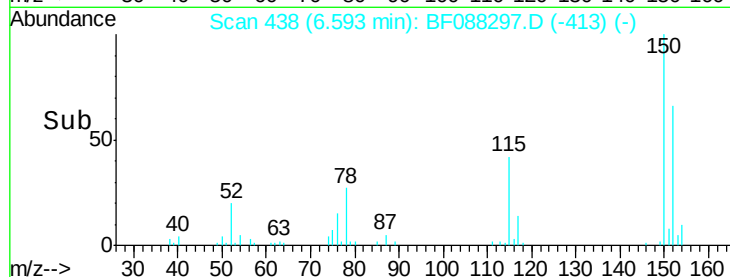
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL



Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
150	152.5	123.8	185.6
115	64.1	39.6	59.4

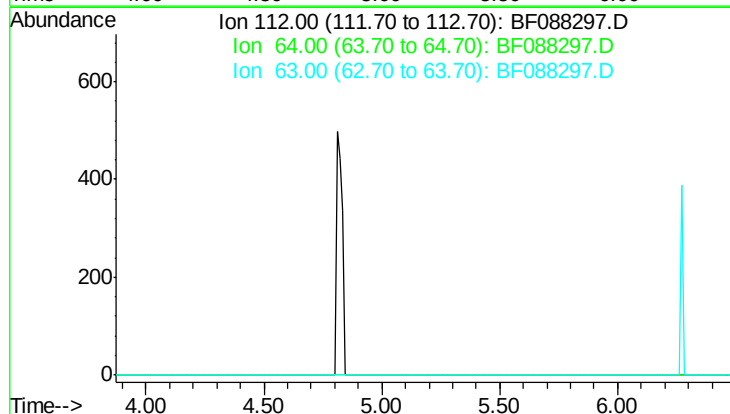
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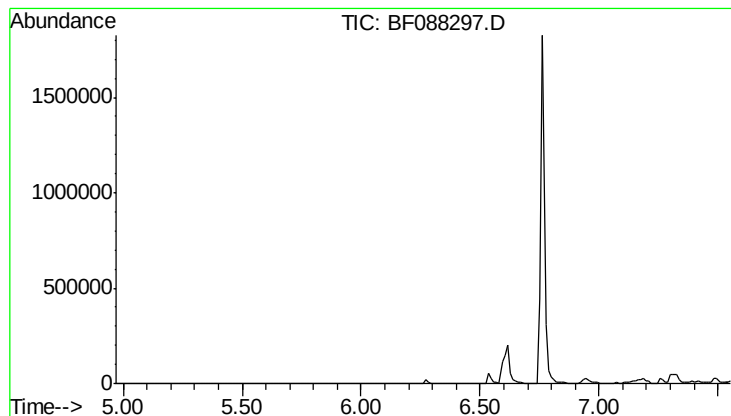
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#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.18 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Tgt Ion	Sig	Exp Ratio
112	100	
64	52.7	
63	27.3	





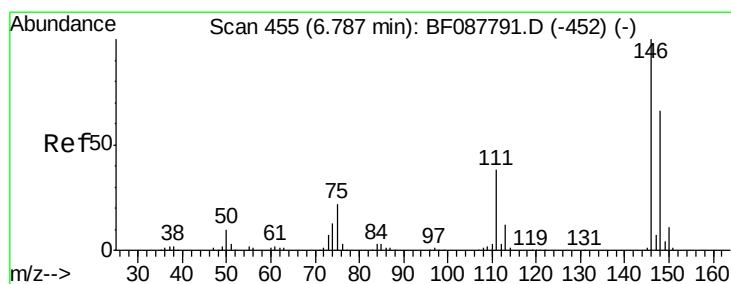
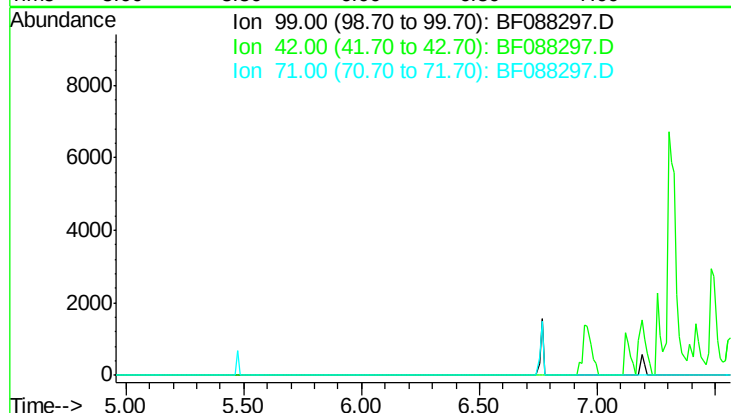
#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.26 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL

Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 15.2
 71 29.2

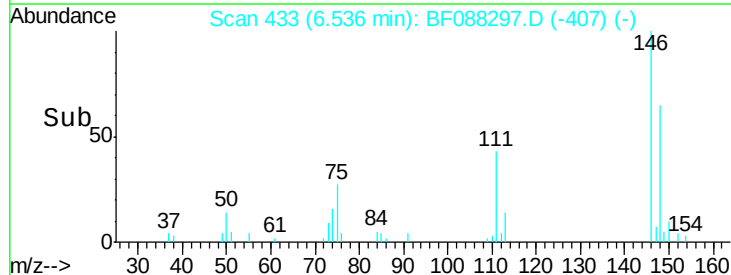
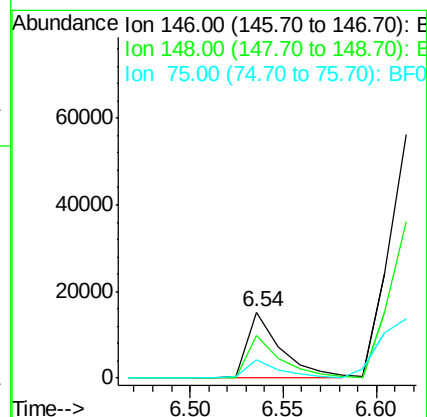
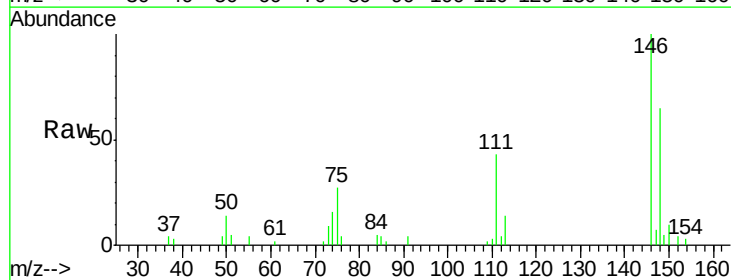
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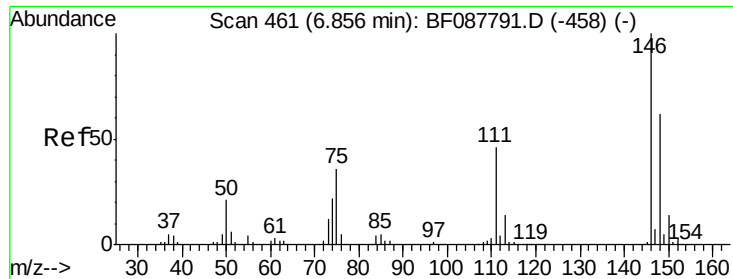
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#12
 1,3-Dichlorobenzene
 Concen: 3.11 ng
 RT: 6.54 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

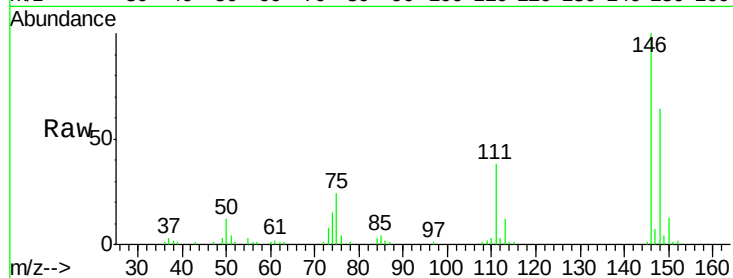
Tgt Ion: 146 Resp: 19310
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.9 76.3
 75 27.3 25.6 38.4





#13
 1,4-Dichlorobenzene
 Concen: 11.87 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

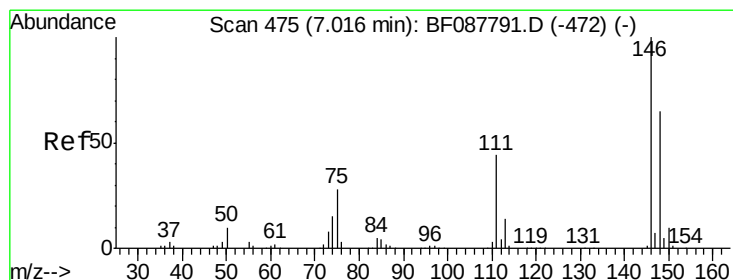
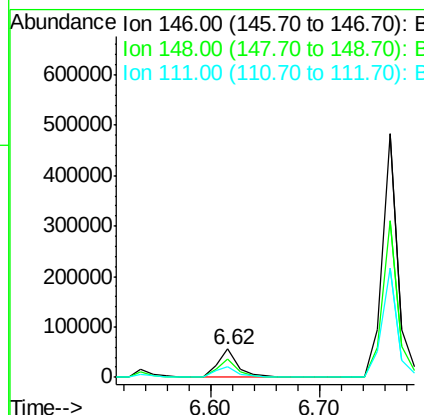
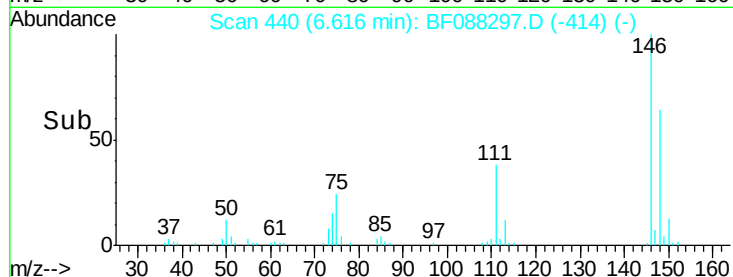
Instrument :
 BNA_F
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Tgt Ion:146 Resp: 74332
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.0 78.0
 111 37.7 33.8 50.8

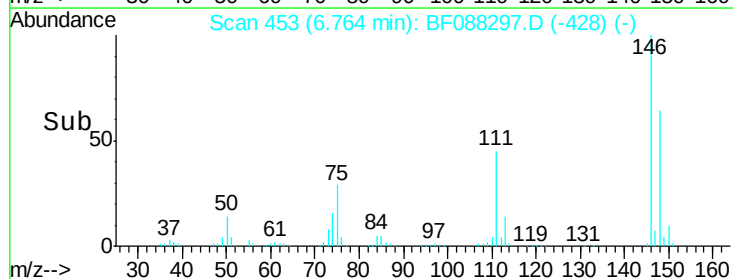
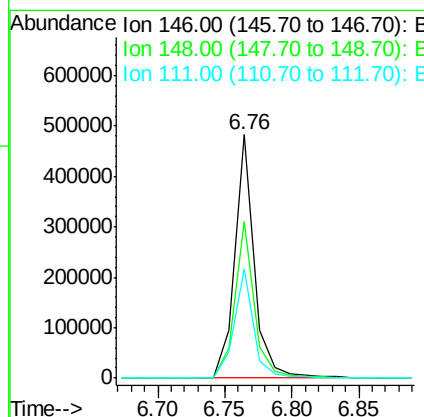
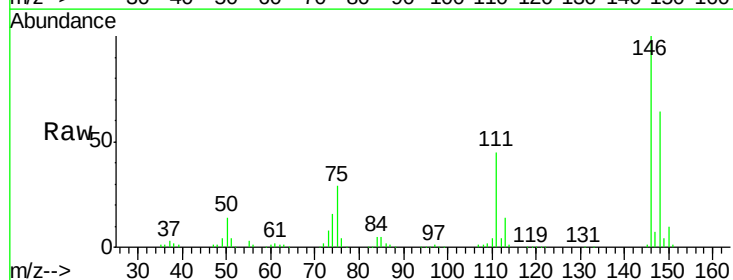
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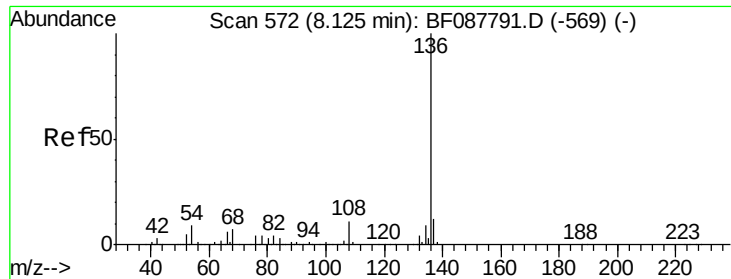
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#14
 1,2-Dichlorobenzene
 Concen: 86.02 ng m
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Tgt Ion:146 Resp: 489839
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 45.0 28.7 43.1#





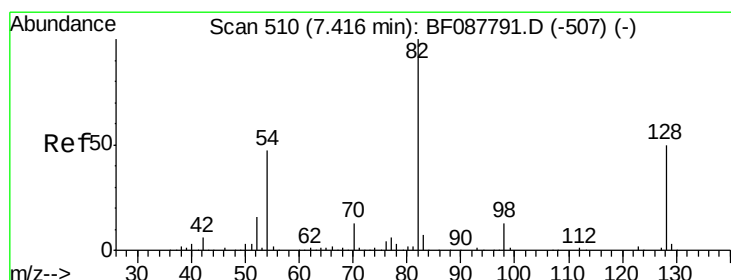
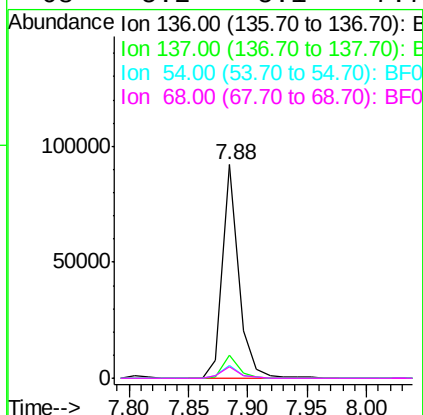
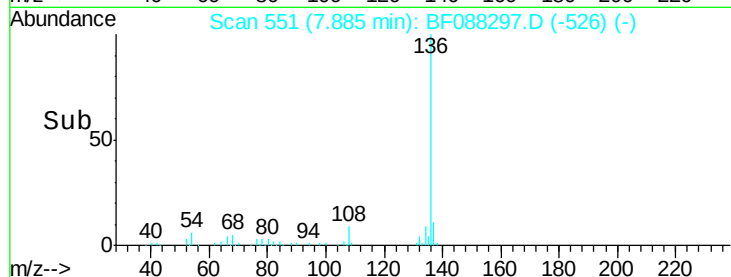
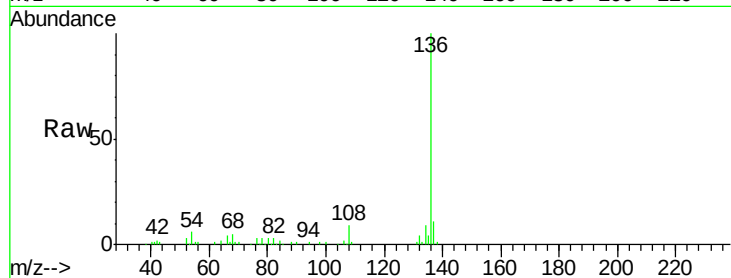
#21
Naphthalene-d8
Concen: 5.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088297.D
Acq: 23 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
SS043MW009-160511DL

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	86960		
137	10.7	9.1	13.7	
54	6.2	6.6	10.0	
68	5.2	5.1	7.7	

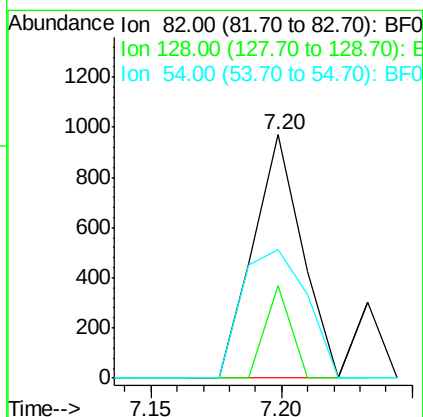
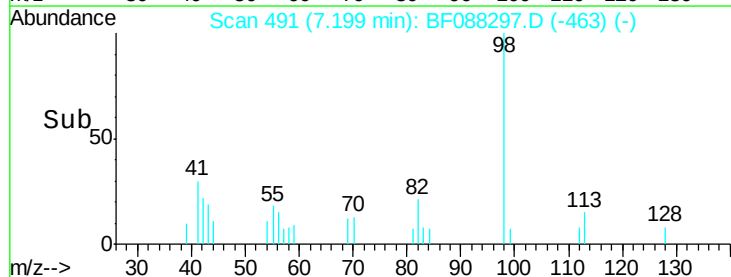
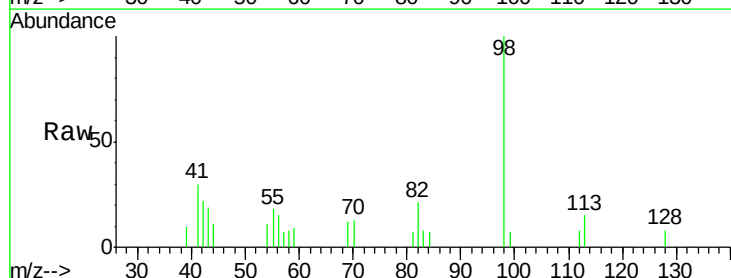
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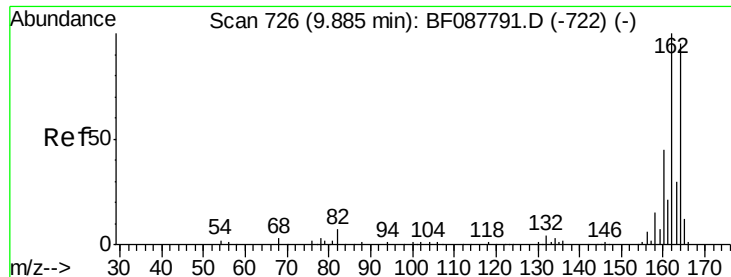
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#23
Nitrobenzene-d5
Concen: 0.21 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.02 min
Lab File: BF088297.D
Acq: 23 Jun 2016 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1271		
128	38.1	35.9	53.9	
54	52.9	40.9	61.3	





#38

Acenaphthene-d10

Concen: 5.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088297.D

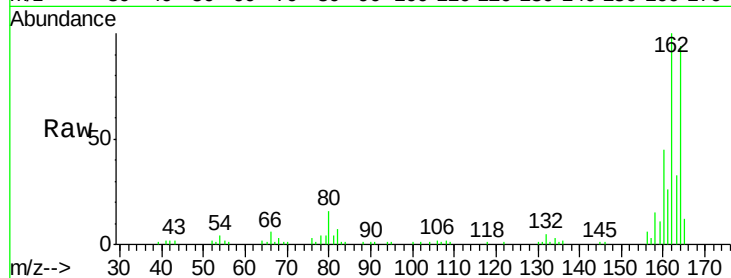
Acq: 23 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

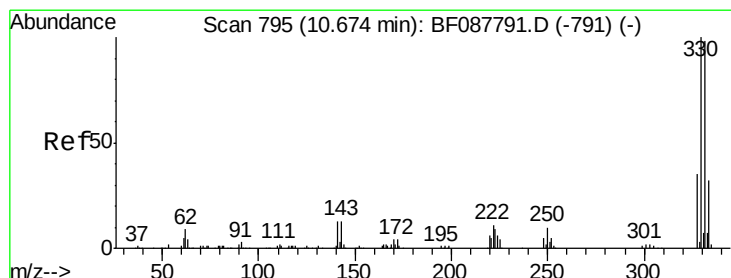
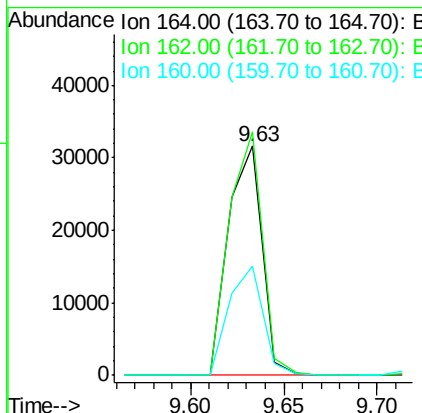
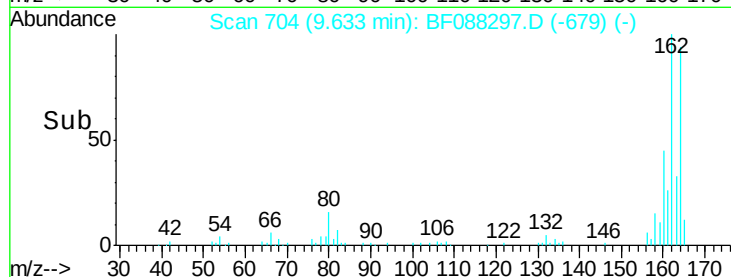
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Tgt Ion:	164	Resp:	39926
Ion Ratio	Lower	Upper	
164	100		
162	106.4	85.4	128.2
160	47.8	39.5	59.3

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#41

2,4,6-Tribromophenol

Concen: 0.48 ng

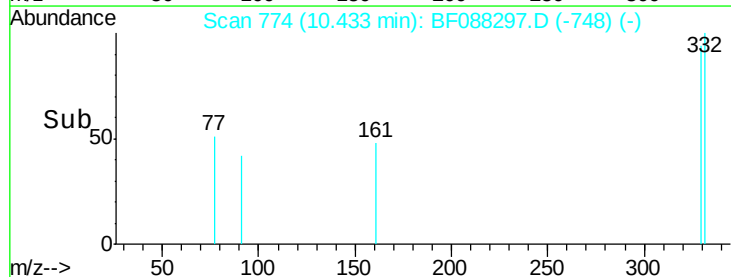
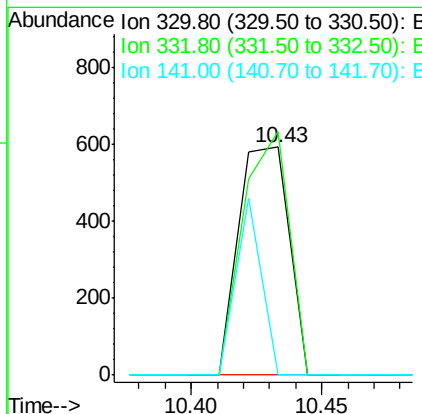
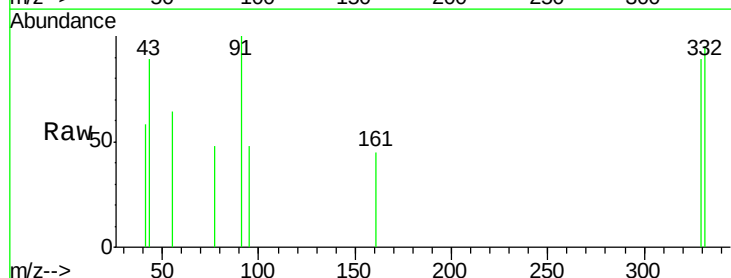
RT: 10.43 min Scan# 774

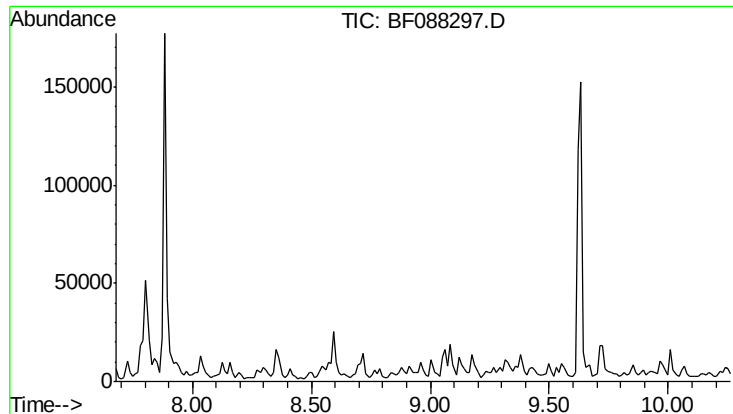
Delta R.T. -0.00 min

Lab File: BF088297.D

Acq: 23 Jun 2016 18:46

Tgt Ion:	330	Resp:	804
Ion Ratio	Lower	Upper	
330	100		
332	97.5	0.0	0.0#
141	39.3	0.0	0.0#





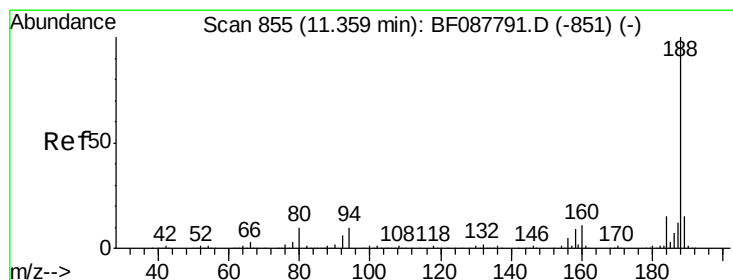
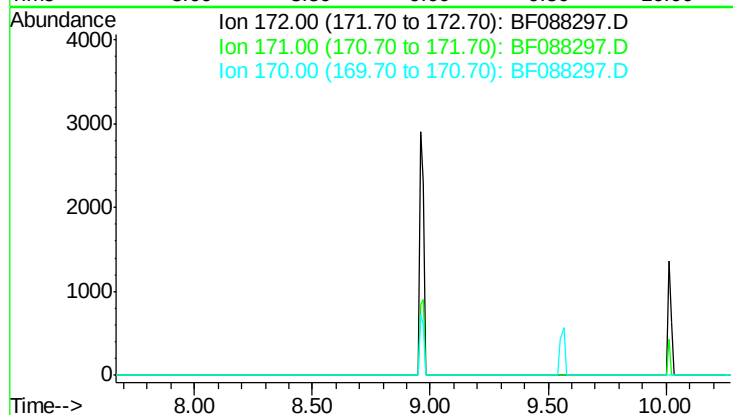
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 8.97 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL

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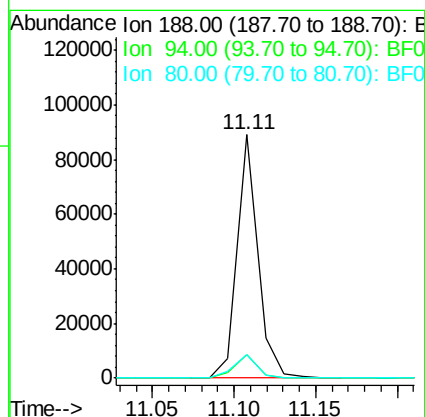
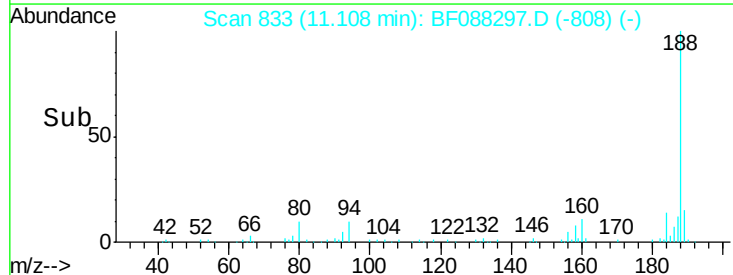
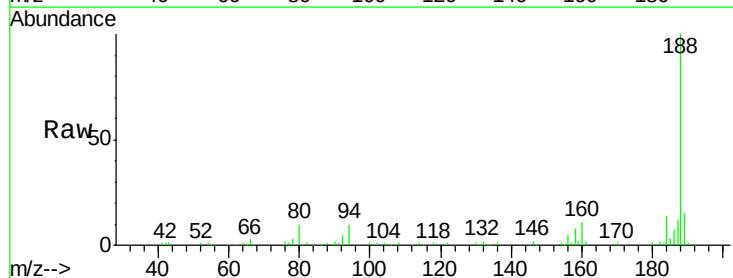
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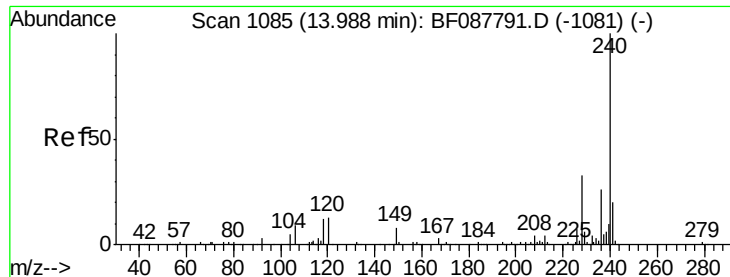
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.8
 170 24.0



#63
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF088297.D
 Acq: 23 Jun 2016 18:46

Tgt Ion: 188 Resp: 77492
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.0 13.6
 80 9.7 10.0 15.0#





#75

Chrysene-d12

Concen: 5.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF088297.D

Acq: 23 Jun 2016 18:46

Instrument :

BNA_F

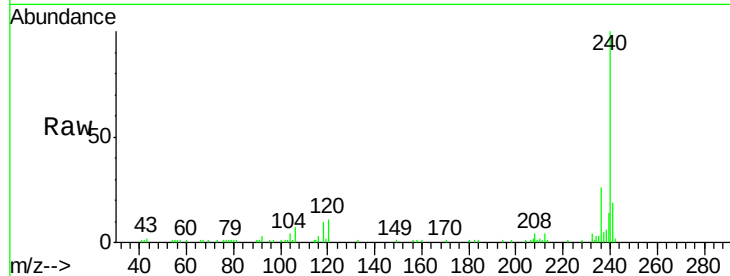
ClientSampleId :

SS043MW009-160511DL

Tgt Ion:	240	Resp:	59009
Ion Ratio	Lower	Upper	
240	100		
120	11.0	6.8	10.2#
236	25.5	20.2	30.2

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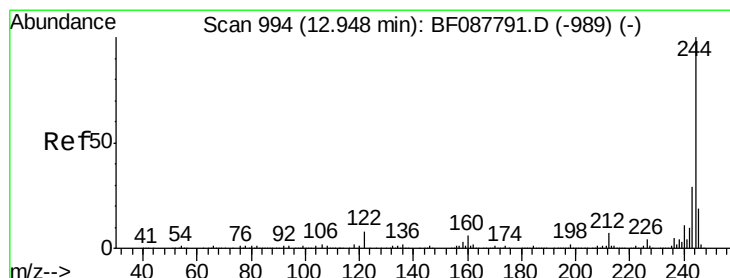
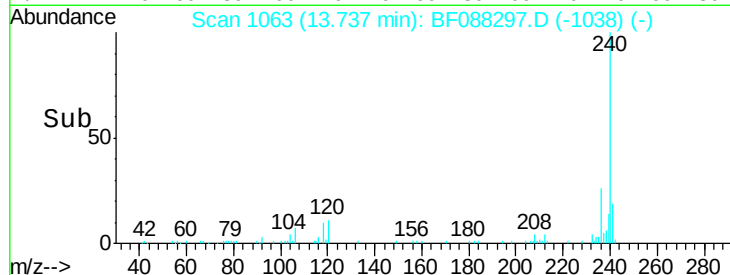
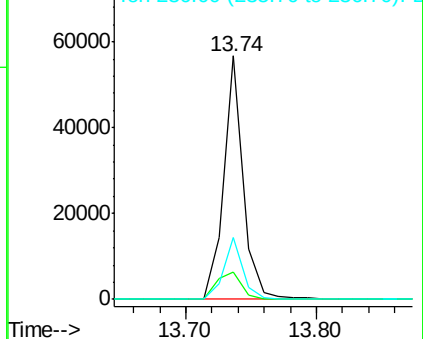
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 0.86 ng

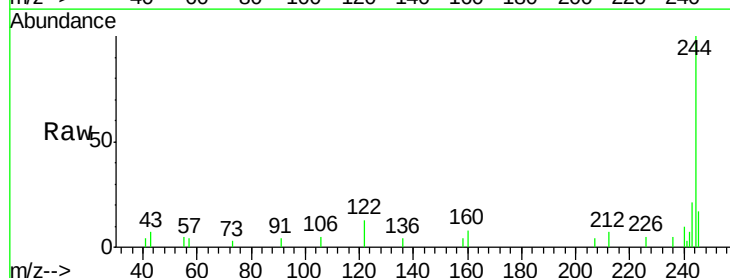
RT: 12.68 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088297.D

Acq: 23 Jun 2016 18:46

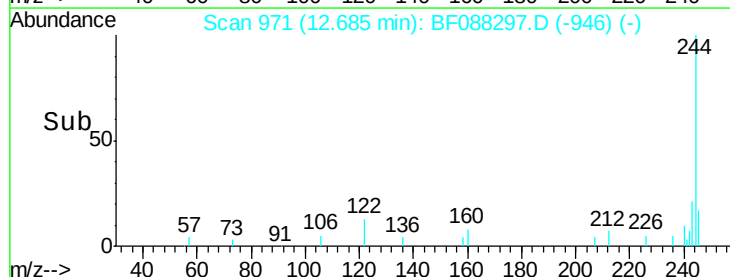
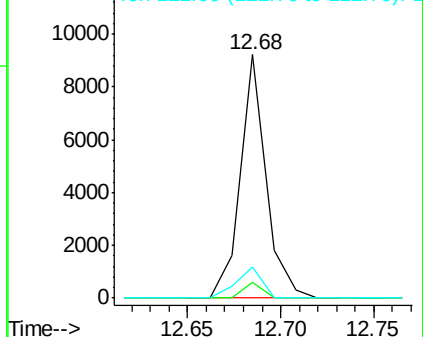
Tgt Ion:	244	Resp:	8892
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	12.6	11.2	16.8

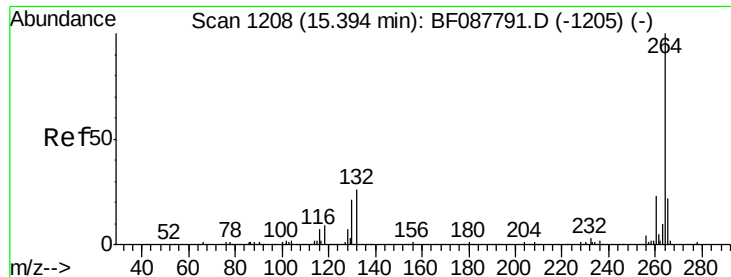


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





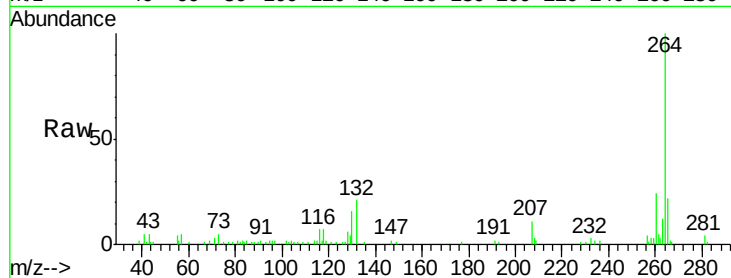
#86
Perylene-d12
Concen: 5.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF088297.D
Acq: 23 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
SS043MW009-160511DL

Tgt Ion:	264	Resp:	43653
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	16.9	25.3

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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

