

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088277.D
 Acq On : 23 Jun 2016 6:02
 Operator : UM/SJ
 Sample : H3065-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-160511

Manual Integrations
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Quant Time: Jun 23 07:23:47 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	6.60	152	25605	5.00	ng	0.00
21) Naphthalene-d8	7.88	136	98284	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	39967	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	56155	5.00	ng	0.00
75) Chrysene-d12	13.75	240	51293	5.00	ng	0.00
86) Perylene-d12	15.11	264	43691	5.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	9743	1.63	ng	0.03
7) Phenol-d6	6.27	99	9554	1.32	ng	0.01
23) Nitrobenzene-d5	7.18	82	16787	2.49	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	7263	4.30	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	39787	2.70	ng	0.00
78) Terphenyl-d14	12.70	244	33103	3.67	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.04	88	7183	2.47	ng	Qvalue # 60
51) Acenaphthene	9.67	154	71052	6.92	ng	98
57) Fluorene	10.18	166	61133	5.82	ng	100

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

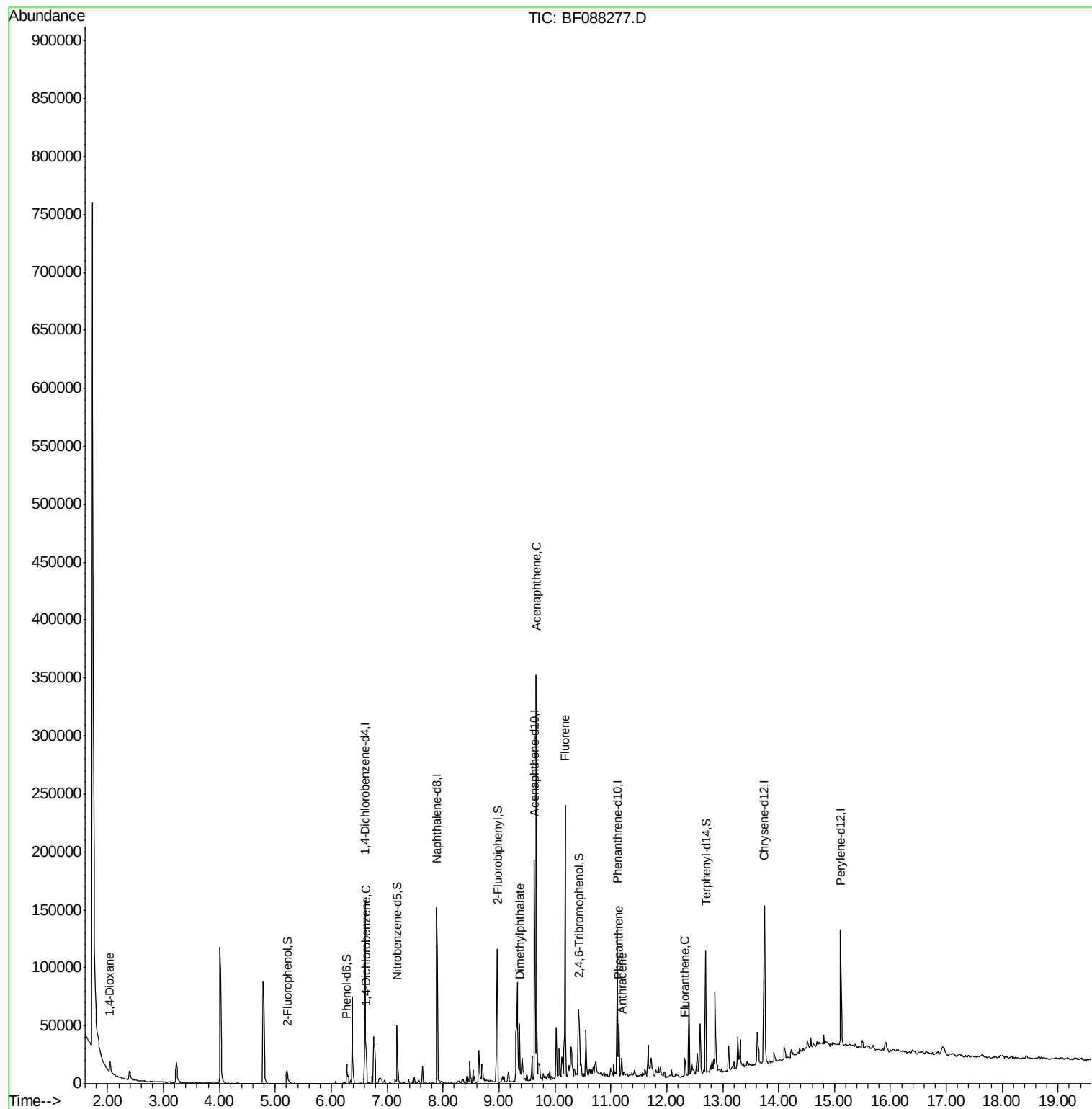
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088277.D
Acq On : 23 Jun 2016 6:02
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Sample : H3065-04
Misc :
ALS Vial : 30 Sample Multiplier: 0.25

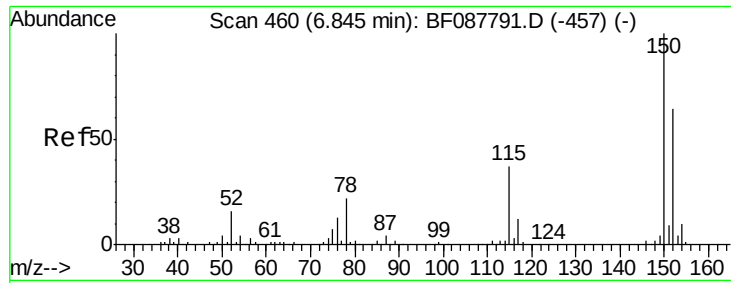
Instrument :
BNA_F
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QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

Instrument :

BNA_F

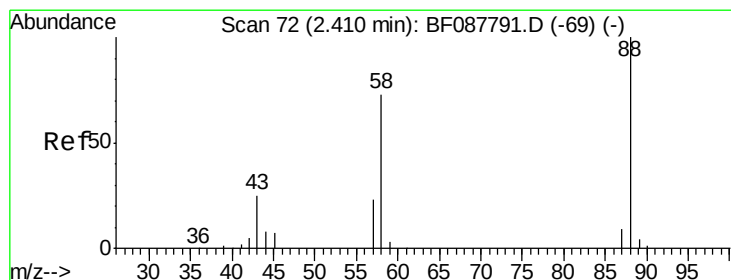
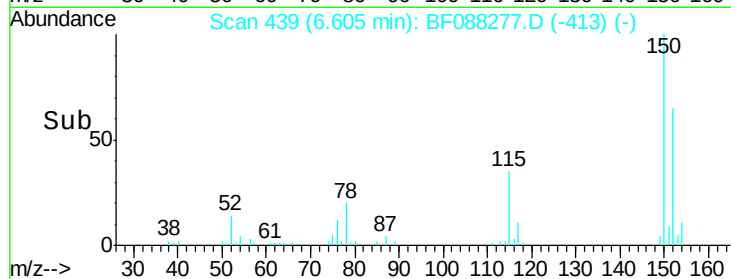
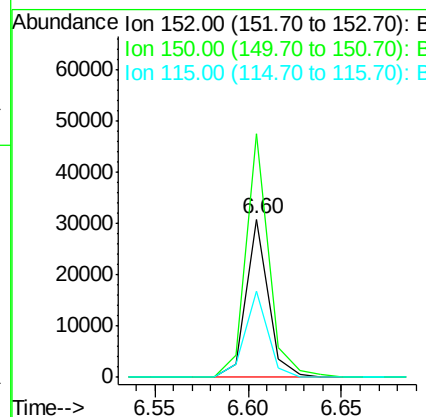
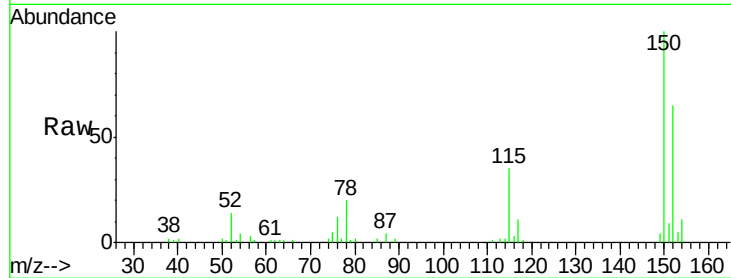
ClientSampleId :

SS043MW010-160511

Tot Ion:	152	Resp:	25605
Ion Ratio	Lower	Upper	
152	100		
150	154.0	123.8	185.6
115	54.3	39.6	59.4

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#2

1,4-Dioxane

Concen: 2.47 ng

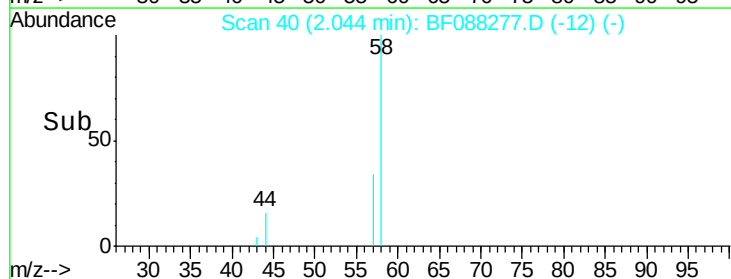
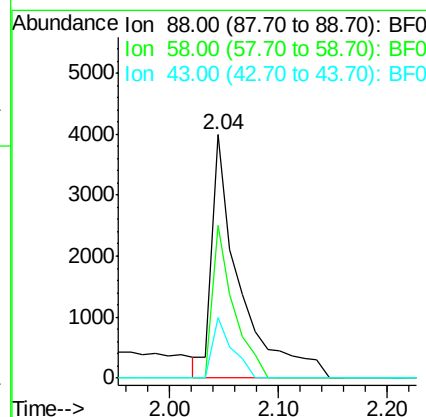
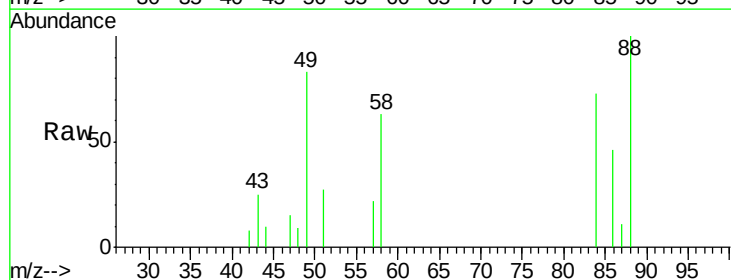
RT: 2.04 min Scan# 40

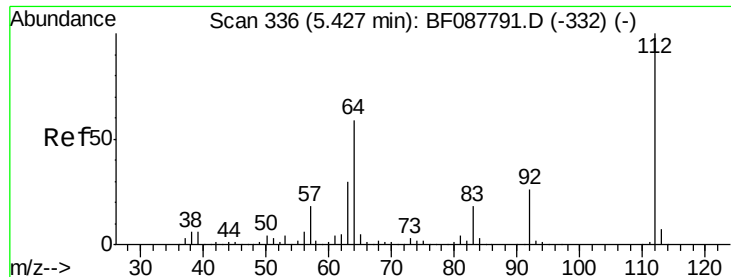
Delta R.T. 0.02 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

Tgt Ion:	88	Resp:	7183
Ion Ratio	Lower	Upper	
88	100		
58	47.1	0.0	0.0#
43	17.5	3.4	5.2#





#5

2-Fluorophenol

Concen: 1.63 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

Instrument :

BNA_F

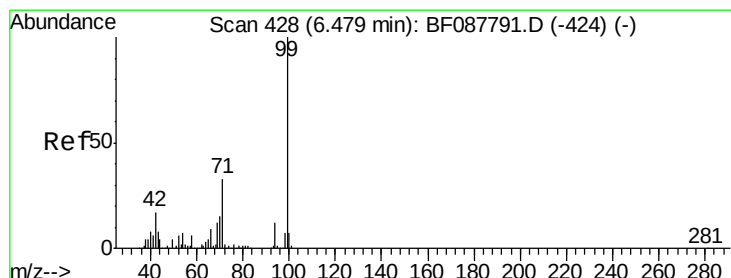
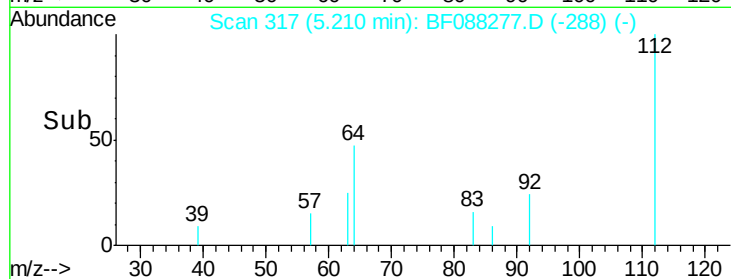
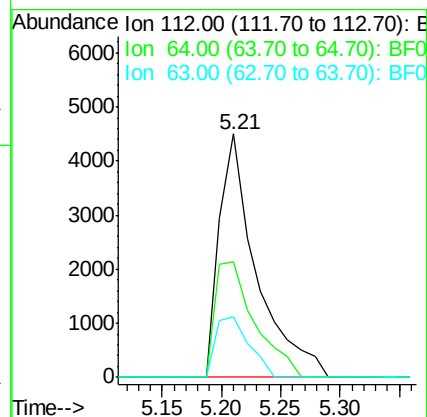
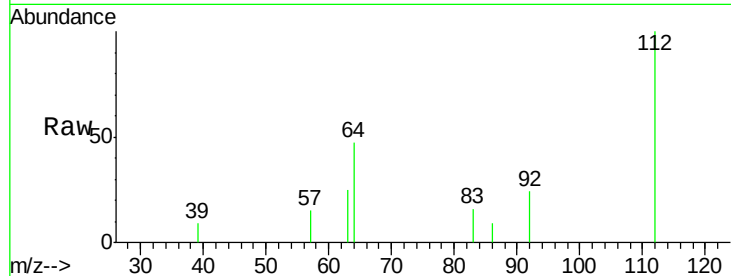
ClientSampleId :

SS043MW010-160511

Tot Ion:	112	Resp:	9743
Ion Ratio	Lower	Upper	
112	100		
64	47.4	42.2	63.2
63	24.8	21.8	32.8

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#7

Phenol-d6

Concen: 1.32 ng

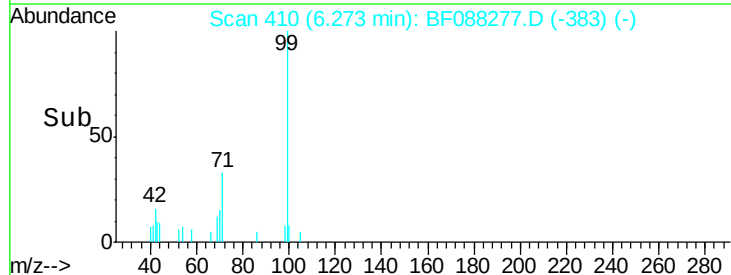
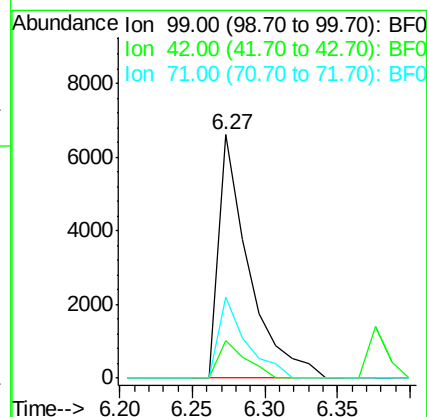
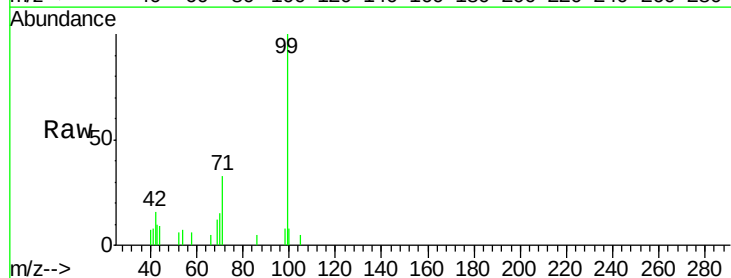
RT: 6.27 min Scan# 410

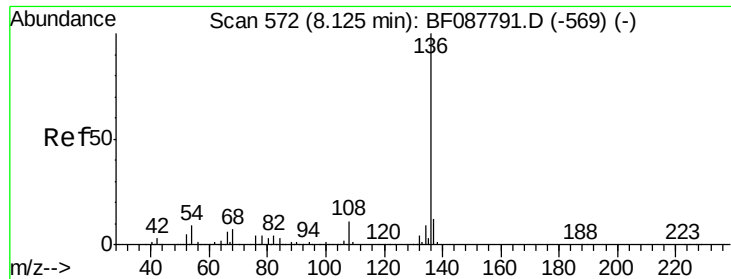
Delta R.T. 0.01 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

Tgt Ion:	99	Resp:	9554
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.2	18.2
71	33.1	23.4	35.0





#21

Naphthalene-d8

Concen: 5.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

Instrument :

BNA_F

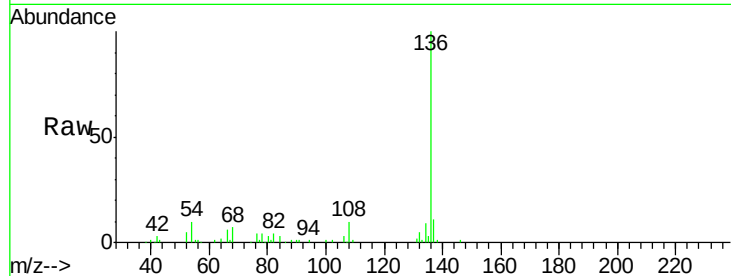
ClientSampleId :

SS043MW010-160511

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.8	6.6	10.0
68	7.1	5.1	7.7

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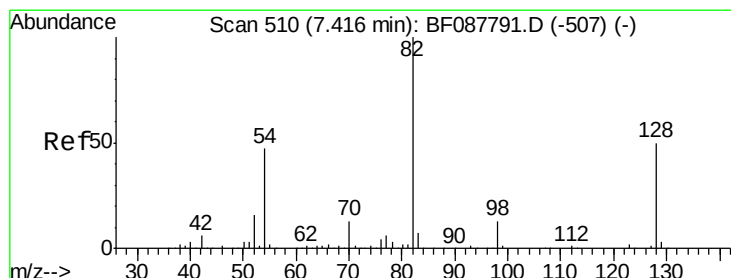
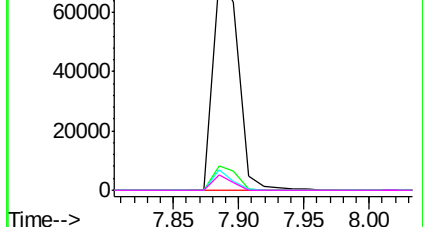
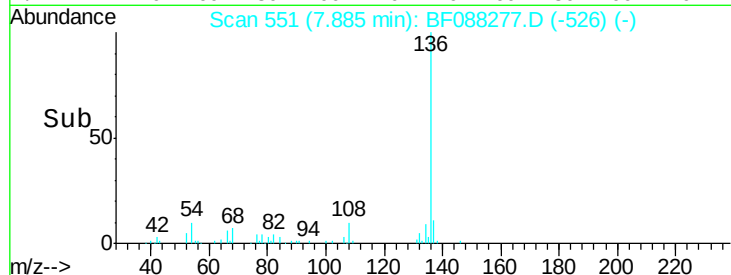


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 2.49 ng

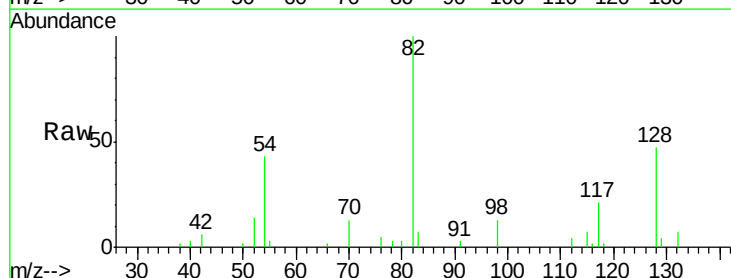
RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

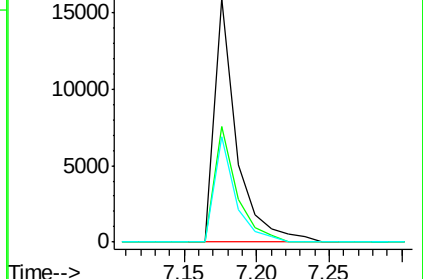
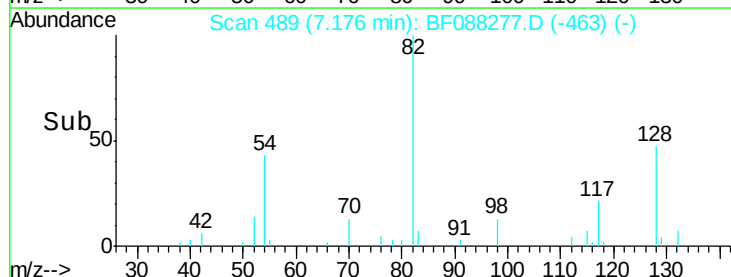
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.9	53.9
54	43.4	40.9	61.3

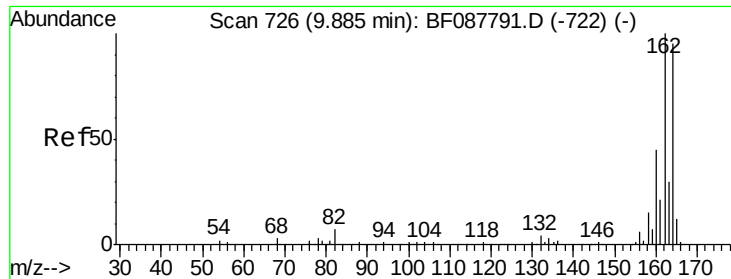


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 5.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088277.D

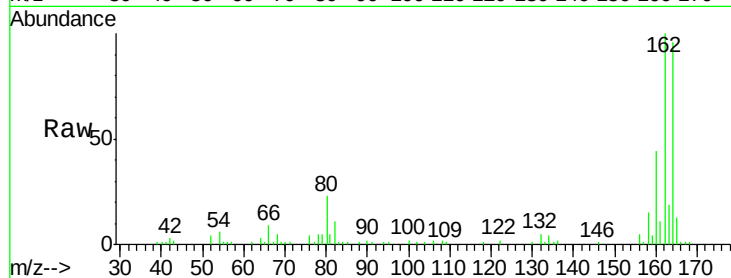
Acq: 23 Jun 2016 6:02

Instrument :

BNA_F

ClientSampleId :

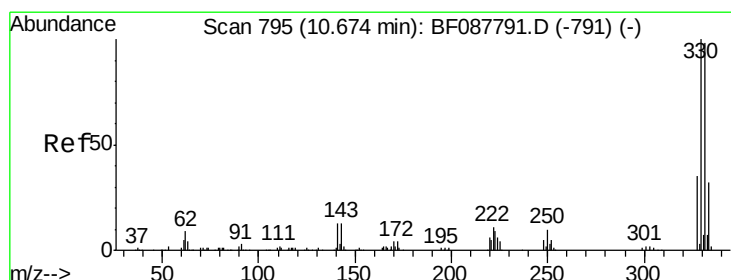
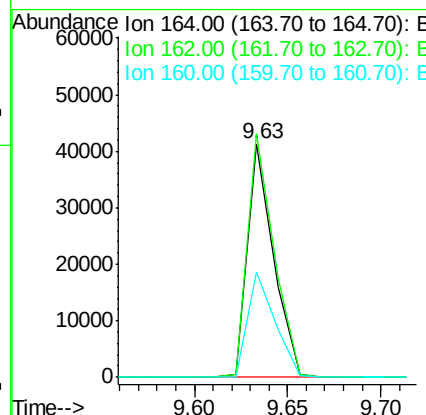
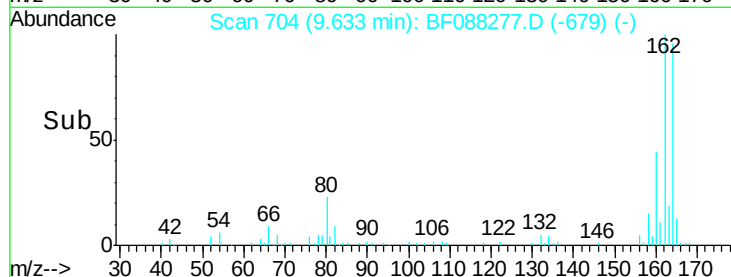
SS043MW010-160511



Tot Ion	164	Resp	39967
Ion Ratio	Lower	Upper	
164	100		
162	104.1	85.4	128.2
160	45.3	39.5	59.3

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#41

2,4,6-Tribromophenol

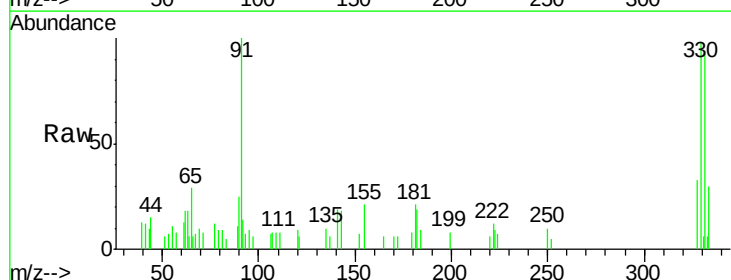
Concen: 4.30 ng

RT: 10.43 min Scan# 774

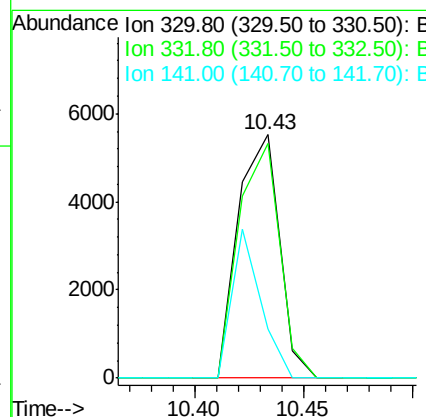
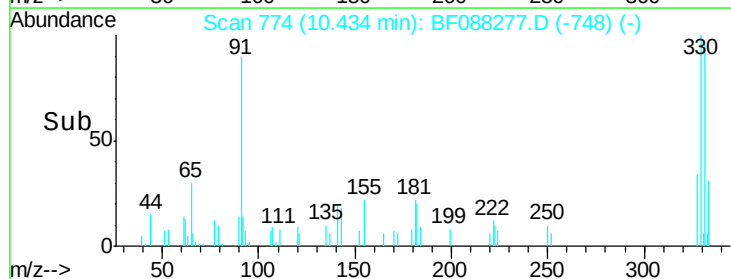
Delta R.T. 0.00 min

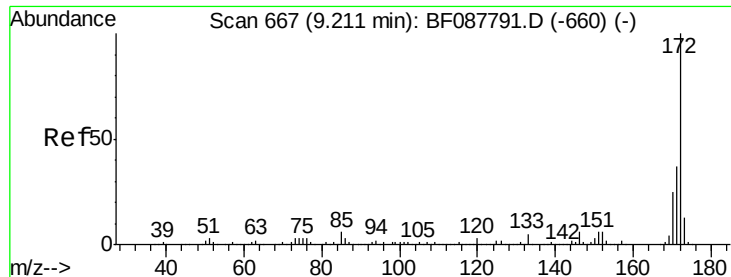
Lab File: BF088277.D

Acq: 23 Jun 2016 6:02



Tgt Ion	330	Resp	7263
Ion Ratio	Lower	Upper	
330	100		
332	95.6	0.0	0.0#
141	42.2	0.0	0.0#





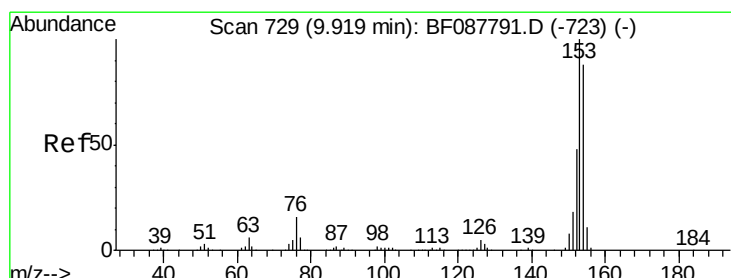
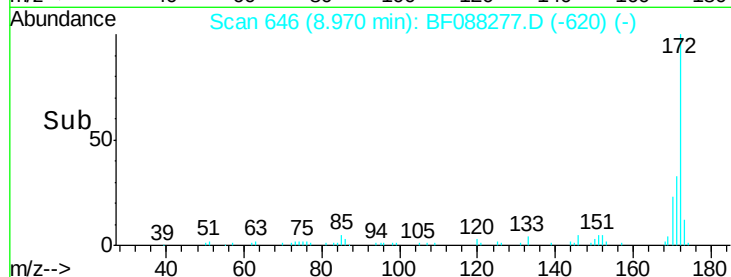
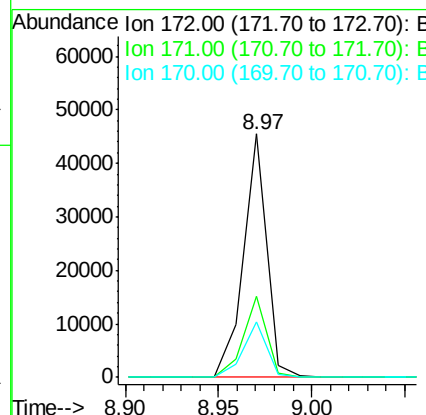
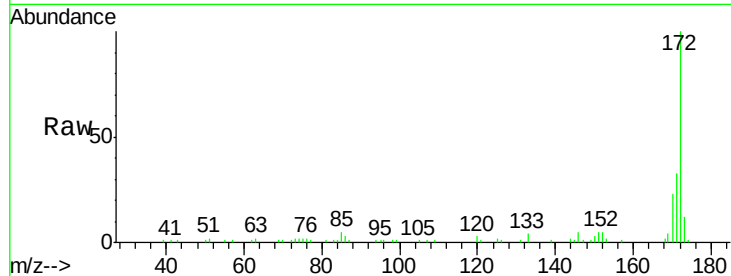
#44
2-Fluorobiphenyl
Concen: 2.70 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088277.D
Acq: 23 Jun 2016 6:02

Instrument :
BNA_F
ClientSampleId :
SS043MW010-160511

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.6	43.0
170	22.6	19.2	28.8

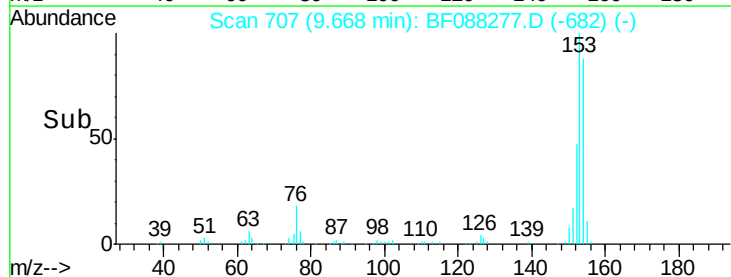
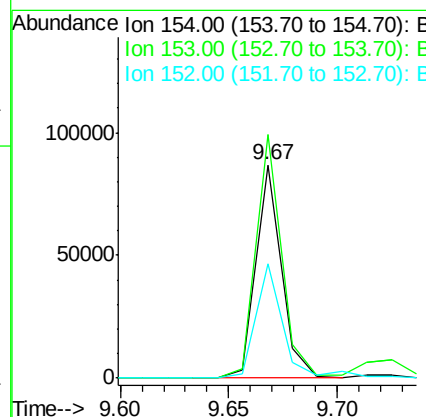
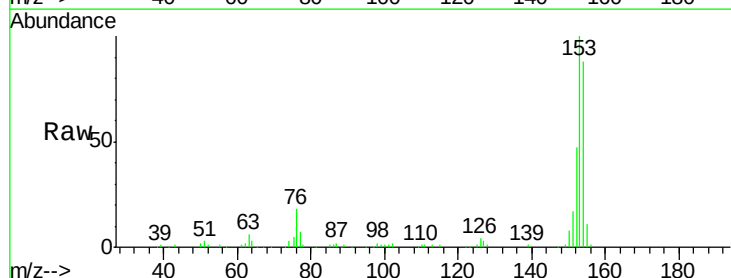
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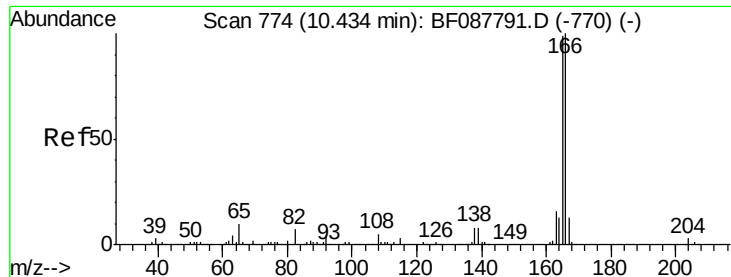
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#51
Acenaphthene
Concen: 6.92 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF088277.D
Acq: 23 Jun 2016 6:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.5	134.3
152	53.8	42.7	64.1





#57

Fluorene

Concen: 5.82 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

Instrument :

BNA_F

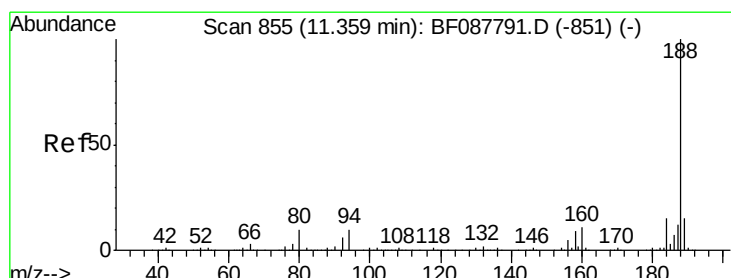
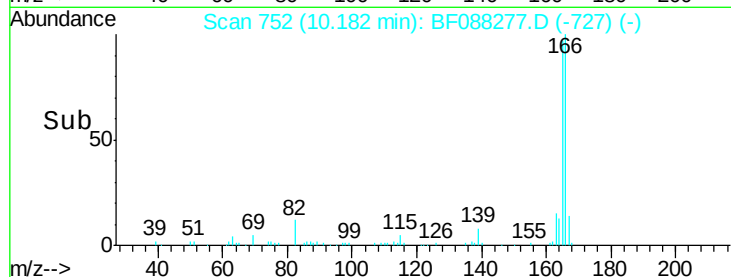
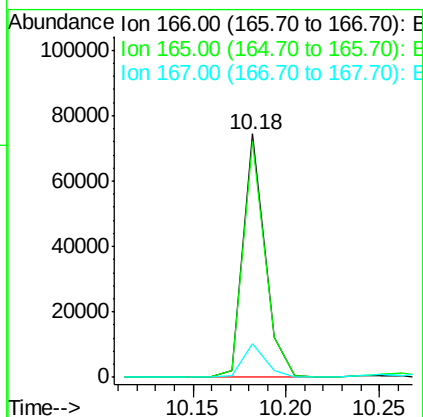
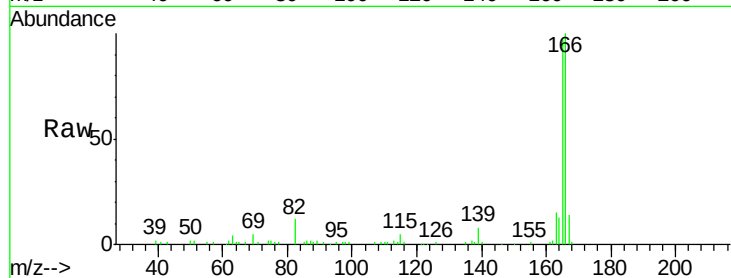
ClientSampleId :

SS043MW010-160511

Tot Ion:	166	Resp:	61133
Ion Ratio		Lower	Upper
166	100		
165	97.1	77.8	116.8
167	13.9	11.2	16.8

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#63

Phenanthrene-d10

Concen: 5.00 ng

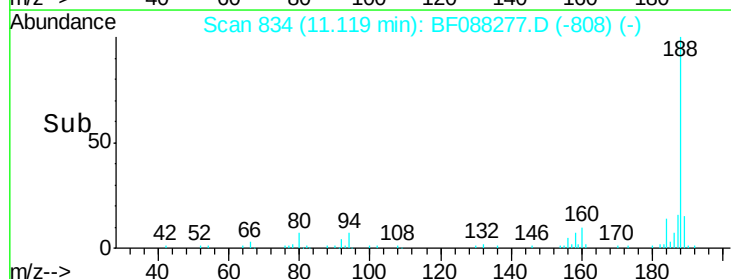
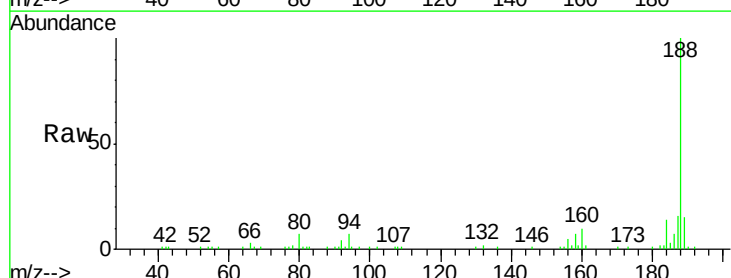
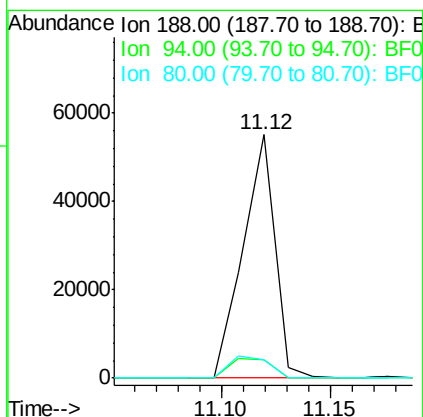
RT: 11.12 min Scan# 834

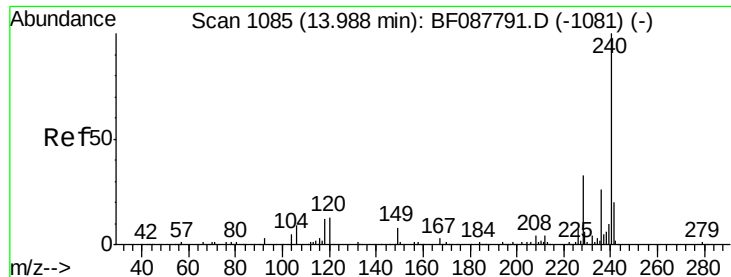
Delta R.T. 0.00 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

Tgt Ion:	188	Resp:	56155
Ion Ratio		Lower	Upper
188	100		
94	7.4	9.0	13.6#
80	7.4	10.0	15.0#





#75

Chrysene-d12

Concen: 5.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

Instrument :

BNA_F

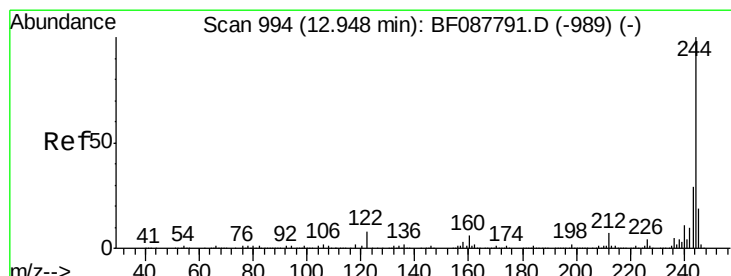
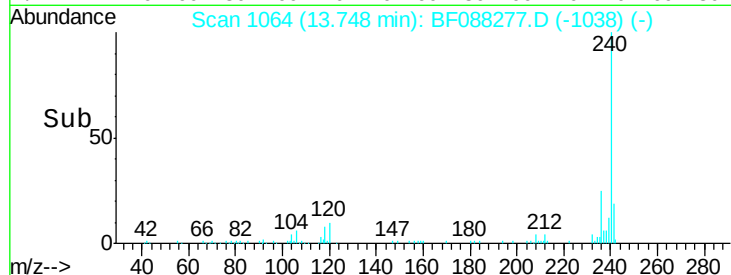
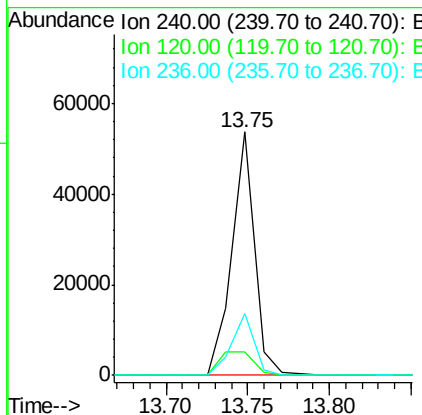
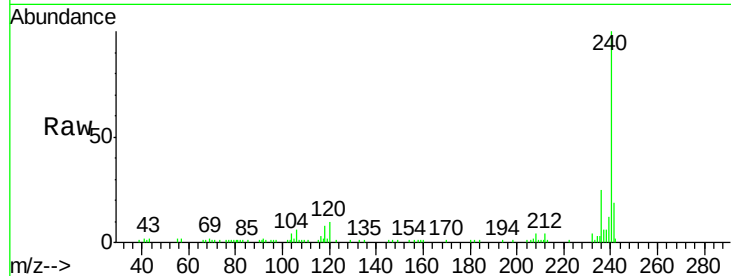
ClientSampleId :

SS043MW010-160511

Tot Ion:	240	Resp:	51293
Ion Ratio	Lower	Upper	
240	100		
120	9.7	6.8	10.2
236	25.2	20.2	30.2

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#78

Terphenyl-d14

Concen: 3.67 ng

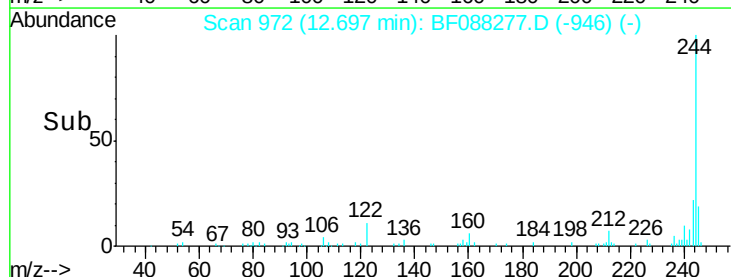
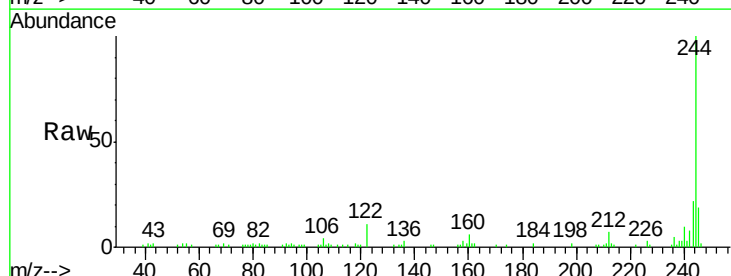
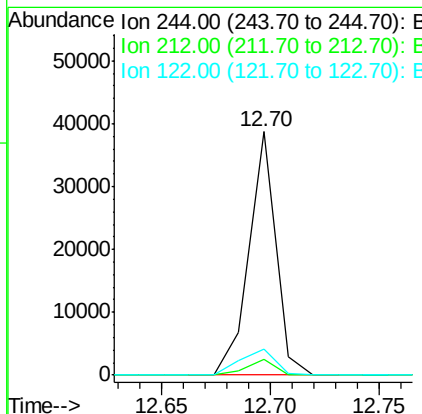
RT: 12.70 min Scan# 972

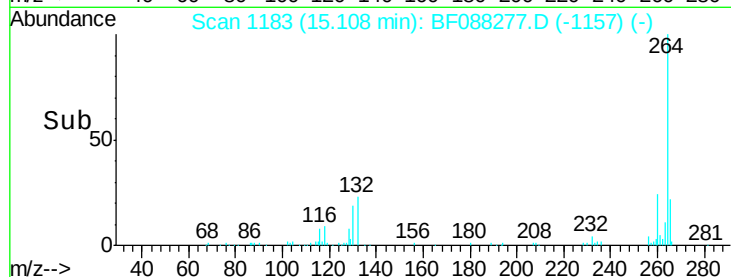
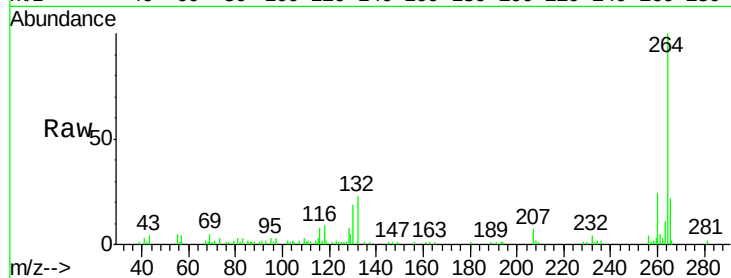
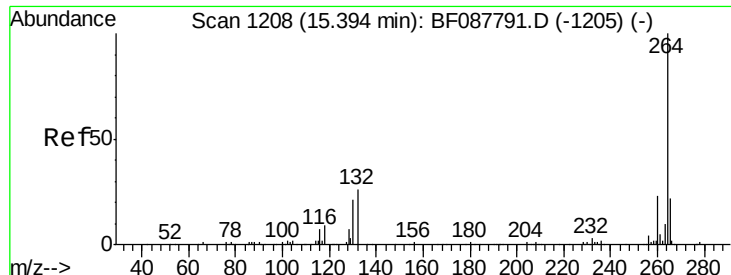
Delta R.T. 0.00 min

Lab File: BF088277.D

Acq: 23 Jun 2016 6:02

Tgt Ion:	244	Resp:	33103
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	10.6	11.2	16.8#





#86
 Pervlene-d12
 Concen: 5.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088277.D
 Acq: 23 Jun 2016 6:02

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW010-160511

Tot Ion:	264	Resp:	43691
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.9	16.9	25.3

Manual Integrations
 APPROVED

umangi
 6/23/2016 7:03:46 PM

