

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087778.D
 Acq On : 7 Jun 2016 6:28
 Operator : UM/SJ
 Sample : H3391-01DL 25X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216DL

Manual Integrations
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Quant Time: Jun 07 14:45:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	96686	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	391107	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	150419	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	246697	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	197740	20.00	ng	-0.02
86) Perylene-d12	15.42	264	141645	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	10560m	1.77	ng	-0.01
7) Phenol-d6	6.47	99	7424	0.99	ng	-0.02
23) Nitrobenzene-d5	7.40	82	22195	3.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	4702	3.11	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	57002	4.73	ng	-0.02
78) Terphenyl-d14	12.95	244	34887	4.31	ng	-0.02
Target Compounds						
6) Aniline	6.51	93	897377	84.39	ng	97
13) 1,4-Dichlorobenzene	6.87	146	100772	13.63	ng	97
14) 1,2-Dichlorobenzene	7.02	146	92612m	13.36	ng	

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

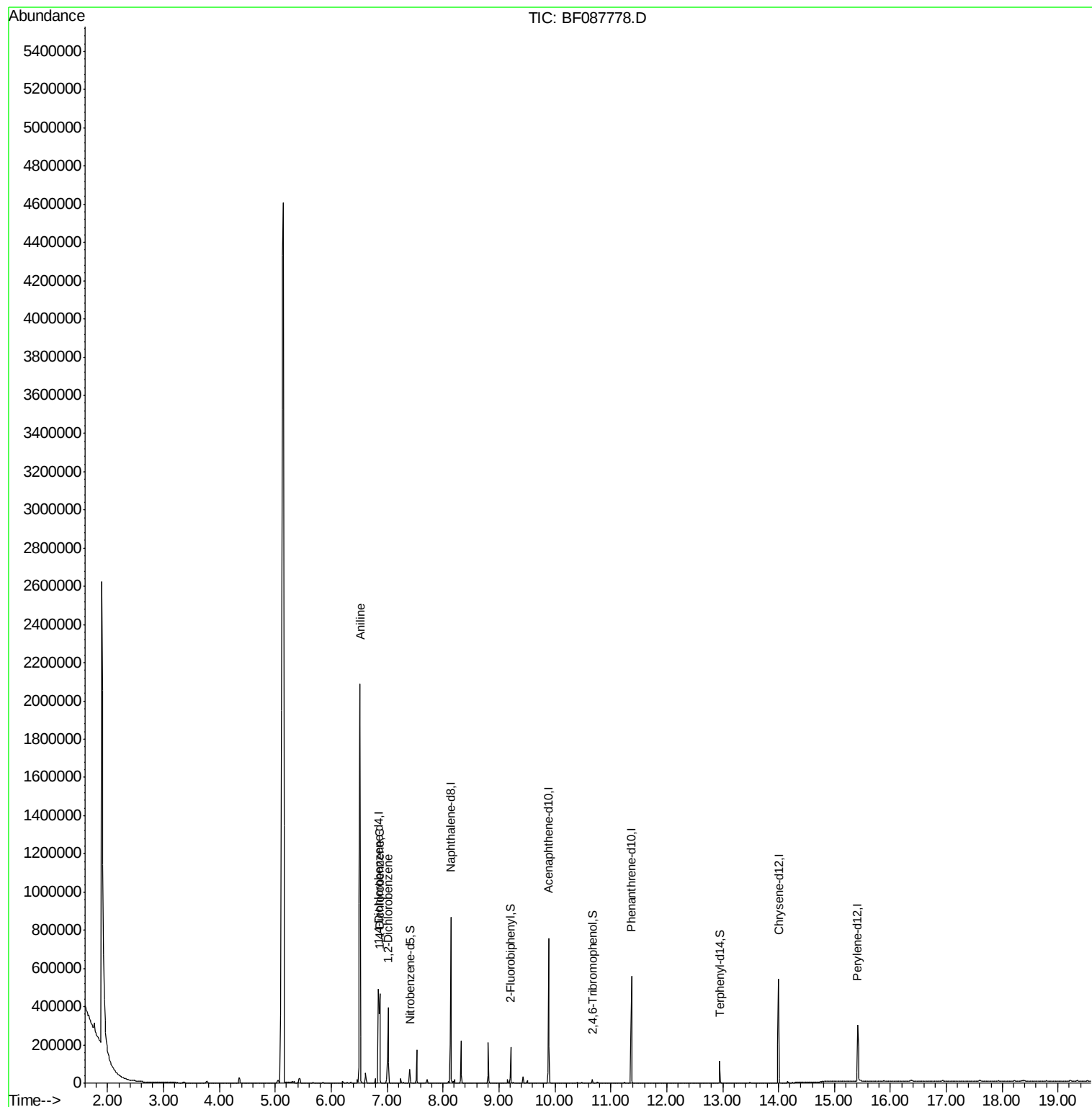
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087778.D
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Sample : H3391-01DL 25X
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ALS Vial : 33 Sample Multiplier: 1

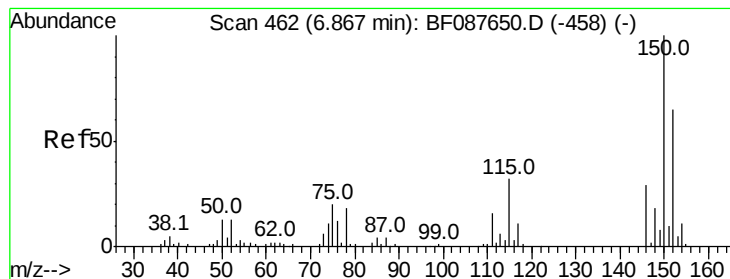
Instrument :
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Quant Time: Jun 07 14:45:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087778.D

Acq: 7 Jun 2016 6:28

Instrument :

BNA_F

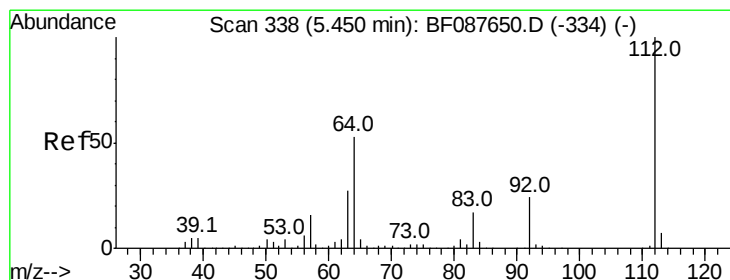
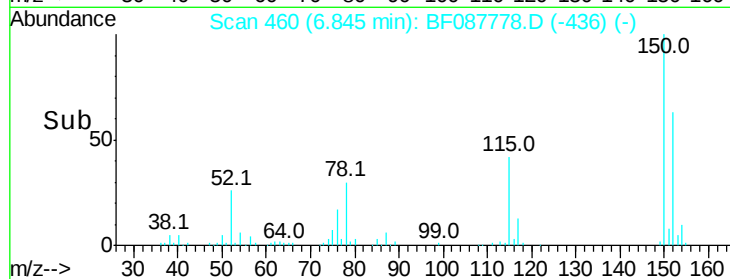
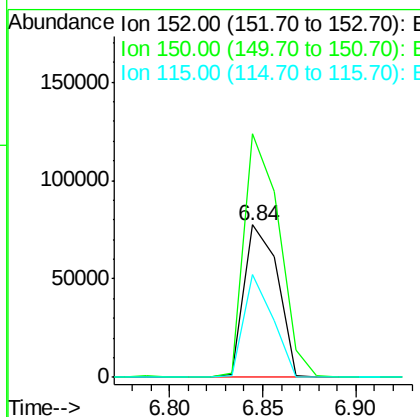
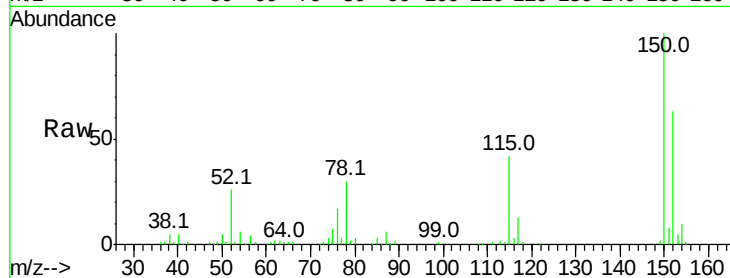
ClientSampleId :

SYSDIS-060216DL

Tot Ion:	152	Resp:	96686
Ion Ratio	Lower	Upper	
152	100		
150	159.6	123.8	185.6
115	67.3	39.6	59.4

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#5

2-Fluorophenol

Concen: 1.77 ng m

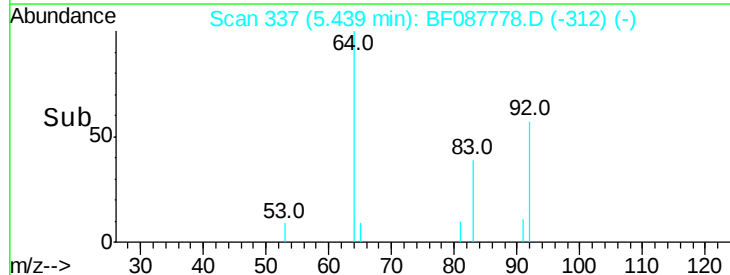
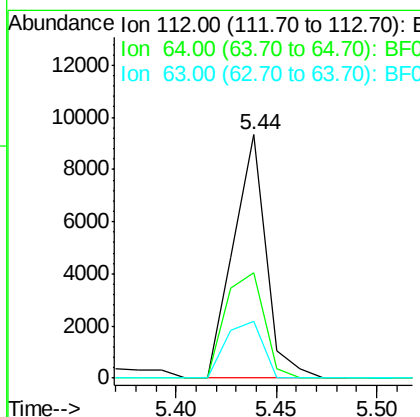
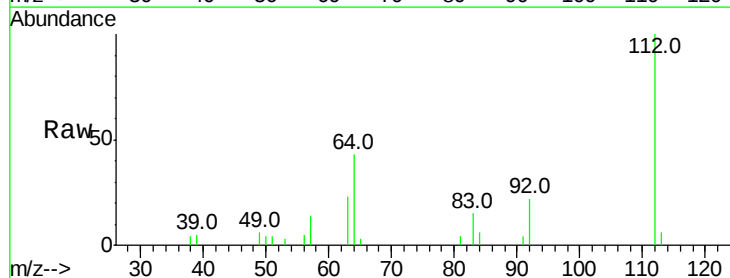
RT: 5.44 min Scan# 337

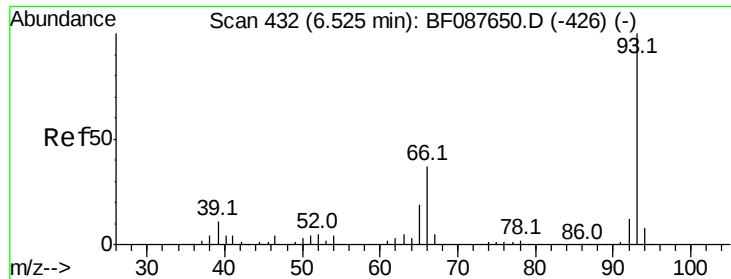
Delta R.T. -0.01 min

Lab File: BF087778.D

Acq: 7 Jun 2016 6:28

Tgt Ion:	112	Resp:	10560
Ion Ratio	Lower	Upper	
112	100		
64	43.3	42.2	63.2
63	23.1	21.8	32.8





#6

Aniline

Concen: 84.39 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF087778.D

Acq: 7 Jun 2016 6:28

Instrument :

BNA_F

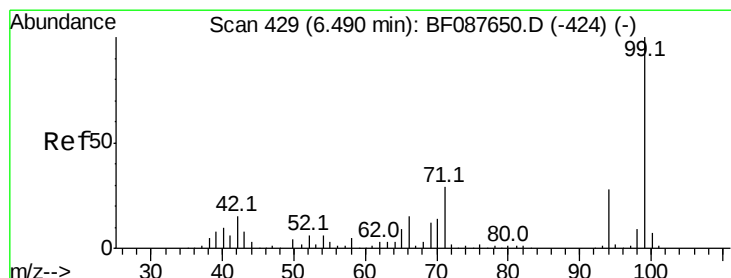
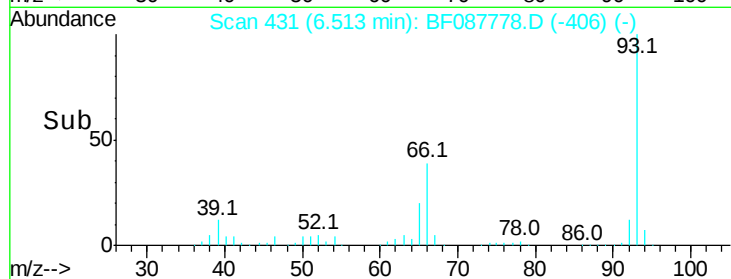
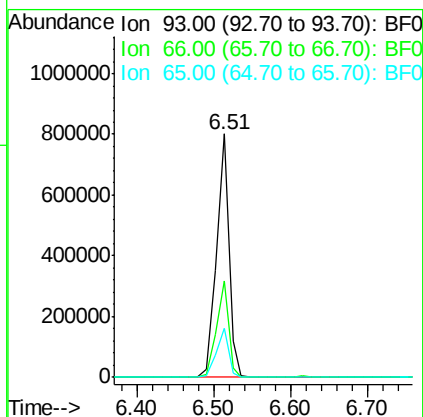
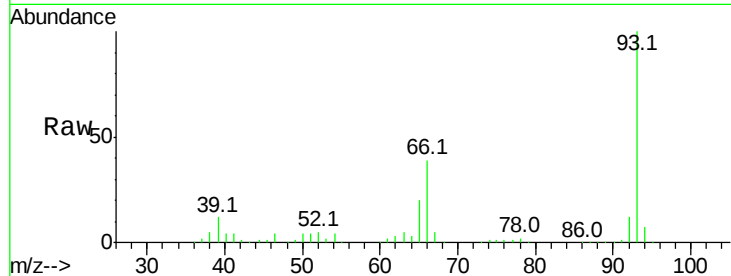
ClientSampleId :

SYSDIS-060216DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		897377		
66	39.4	29.8	44.8		
65	20.1	14.9	22.3		

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#7

Phenol-d6

Concen: 0.99 ng

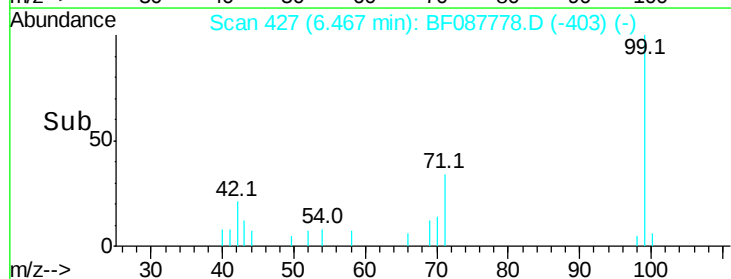
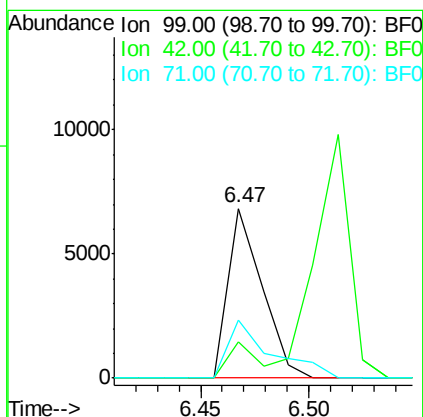
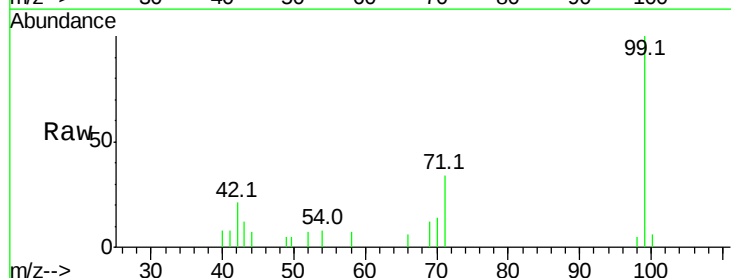
RT: 6.47 min Scan# 427

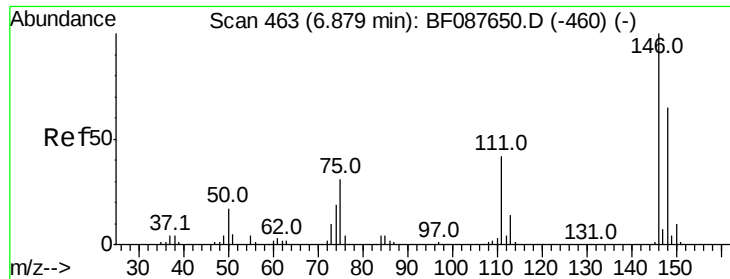
Delta R.T. -0.02 min

Lab File: BF087778.D

Acq: 7 Jun 2016 6:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		7424		
42	21.3	12.2	18.2#		
71	34.1	23.4	35.0		





#13

1,4-Dichlorobenzene

Concen: 13.63 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF087778.D

Acq: 7 Jun 2016 6:28

Instrument :

BNA_F

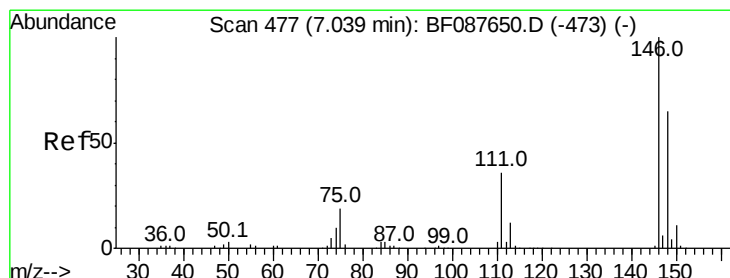
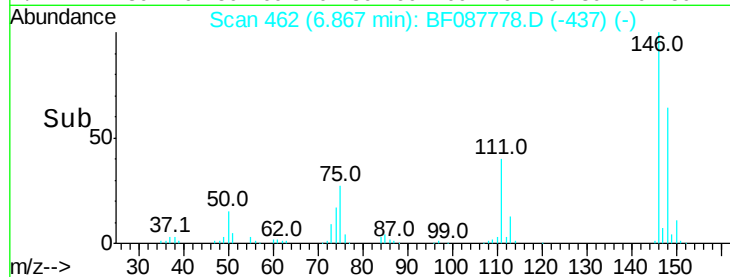
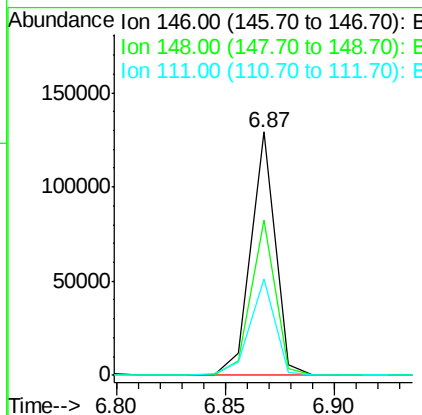
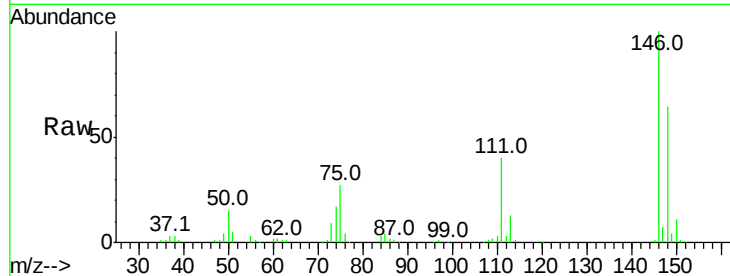
ClientSampleId :

SYSDIS-060216DL

Tot Ion:	146	Resp:	100772
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.0	78.0
111	39.6	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 13.36 ng m

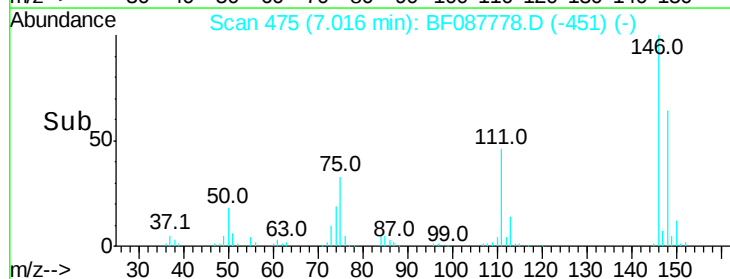
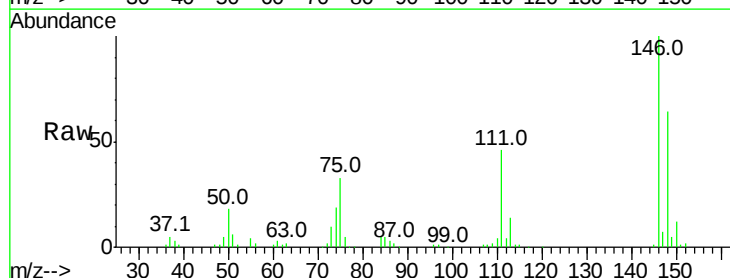
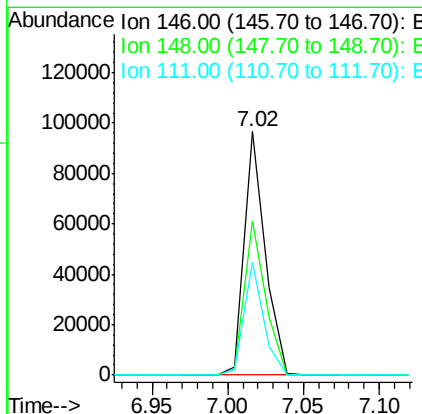
RT: 7.02 min Scan# 475

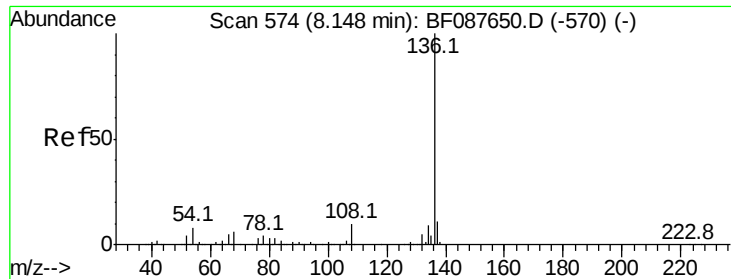
Delta R.T. -0.02 min

Lab File: BF087778.D

Acq: 7 Jun 2016 6:28

Tgt Ion:	146	Resp:	92612
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.3	78.5
111	46.2	28.7	43.1#





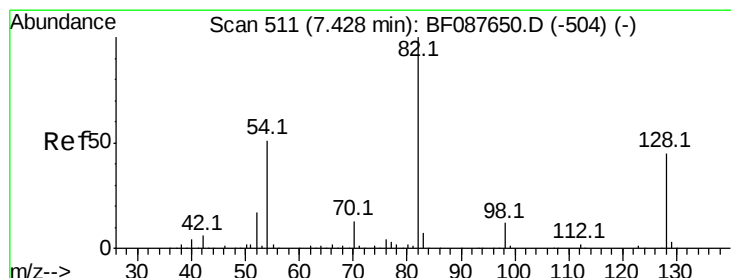
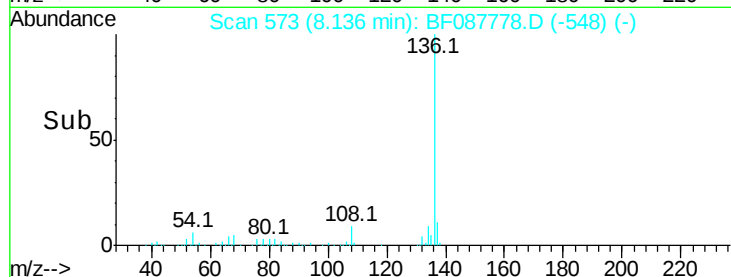
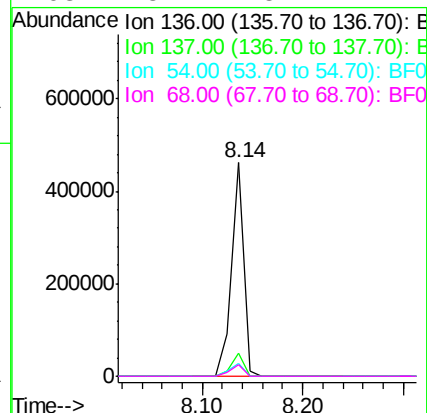
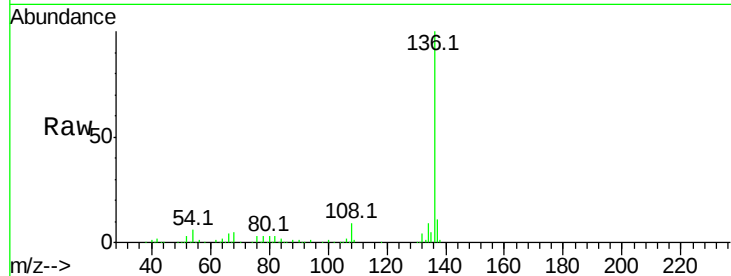
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	6.6	10.0
68	5.2	5.1	7.7

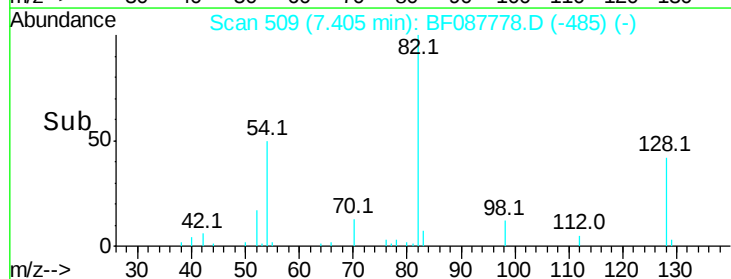
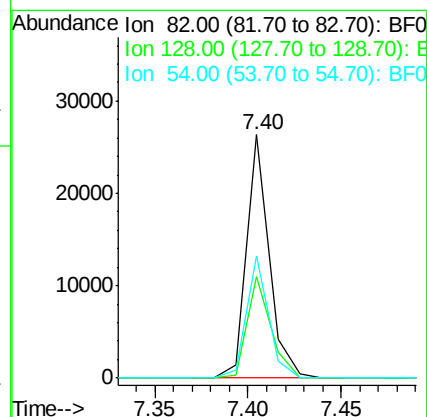
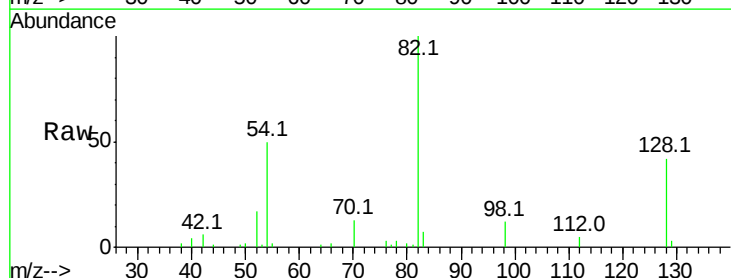
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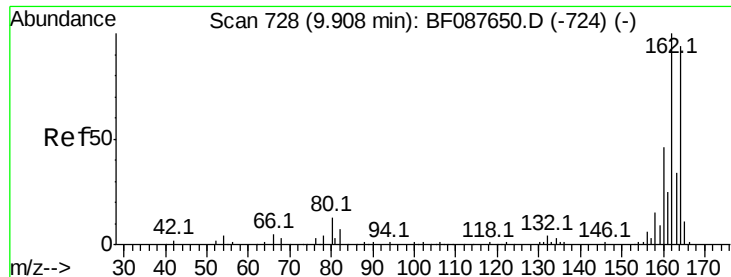
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#23
Nitrobenzene-d5
Concen: 3.28 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	41.8	35.9	53.9
54	49.9	40.9	61.3





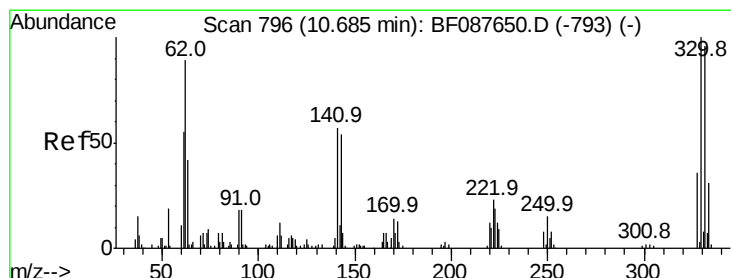
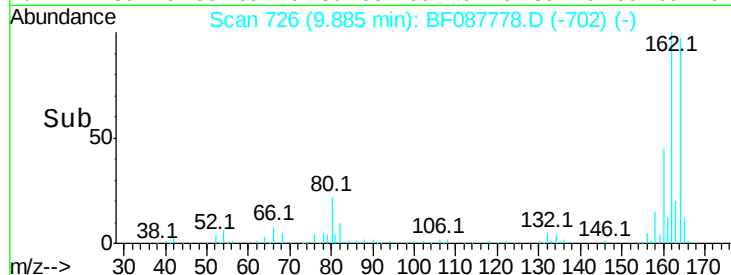
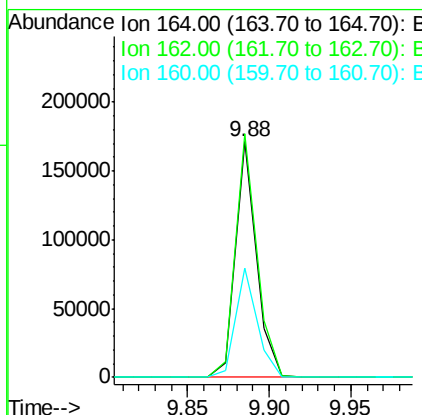
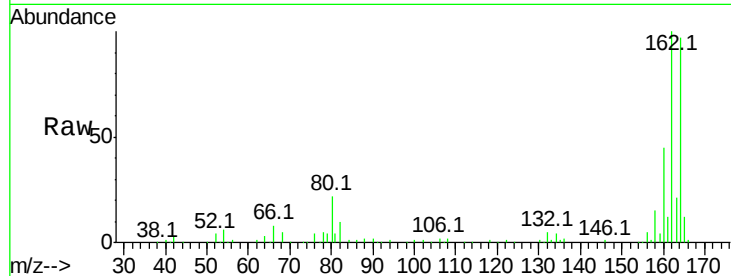
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
164	100	150419		
162	103.4	85.4	128.2	
160	46.5	39.5	59.3	

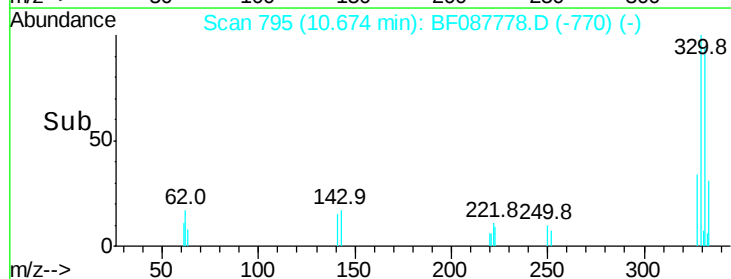
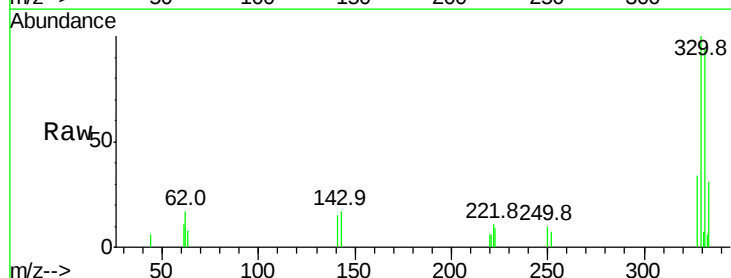
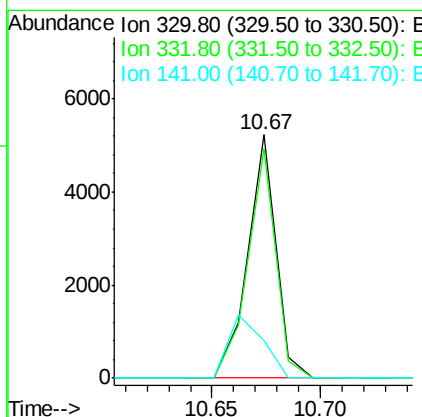
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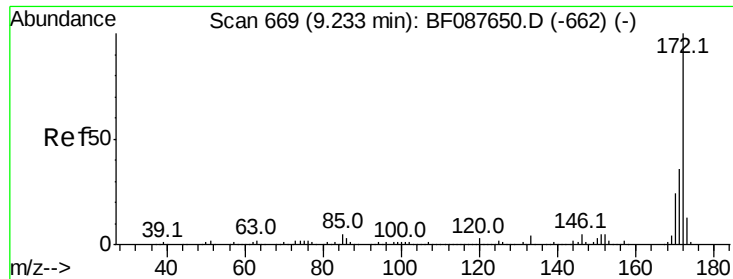
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#41
2,4,6-Tribromophenol
Concen: 3.11 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	4702		
332	94.0	0.0	0.0#	
141	31.6	0.0	0.0#	





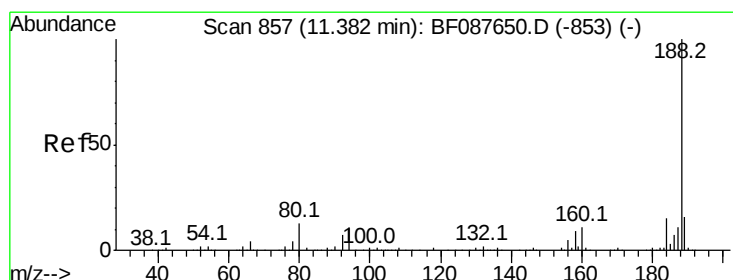
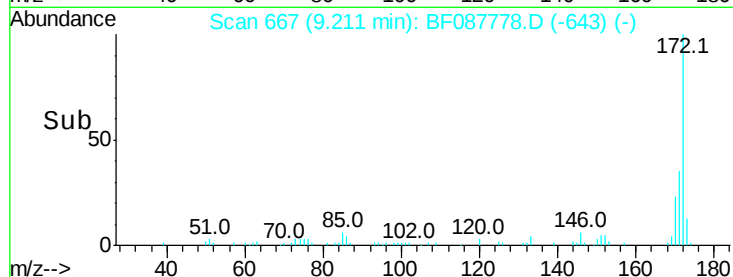
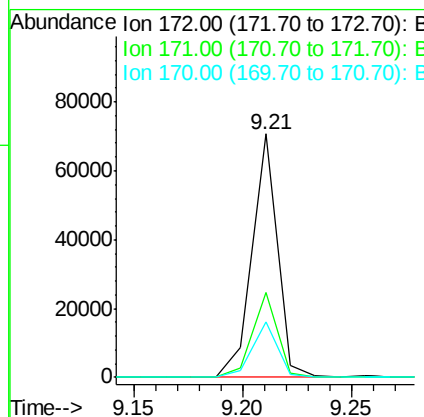
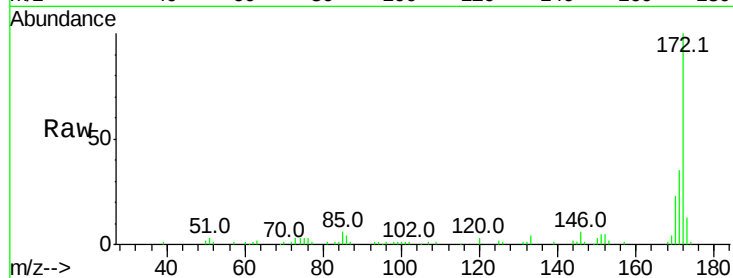
#44
2-Fluorobiphenyl
Concen: 4.73 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
172	100	57002		
171	34.7		28.6	43.0
170	22.8		19.2	28.8

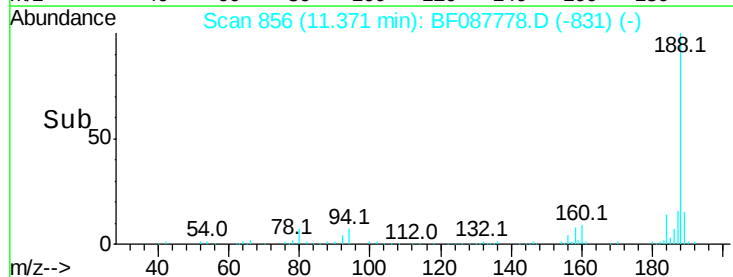
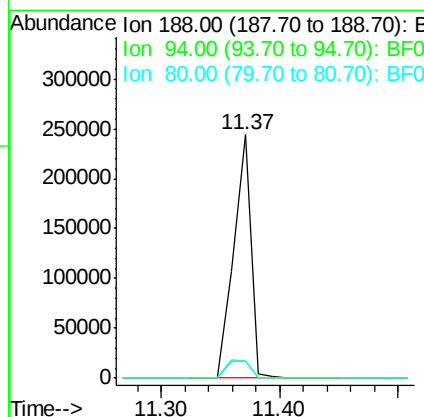
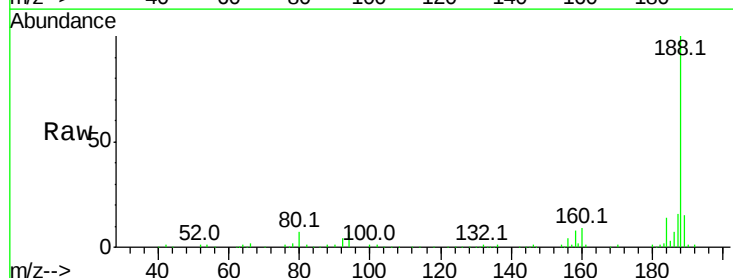
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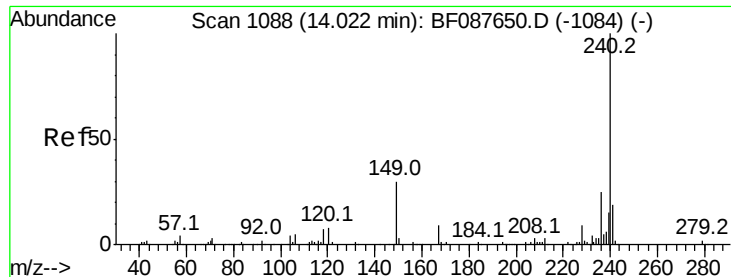
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	246697		
94	6.9		9.0	13.6#
80	7.1		10.0	15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087778.D

Acq: 7 Jun 2016 6:28

Instrument :

BNA_F

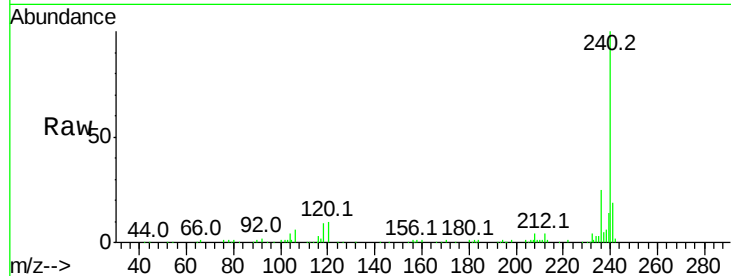
ClientSampleId :

SYSDIS-060216DL

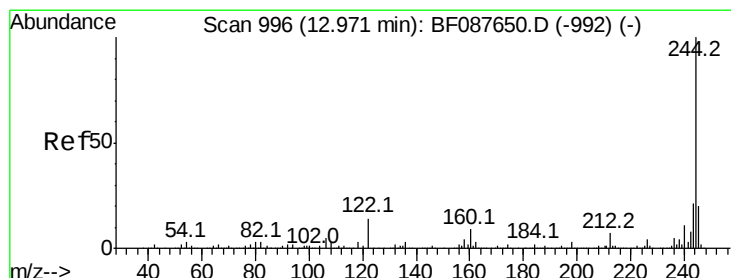
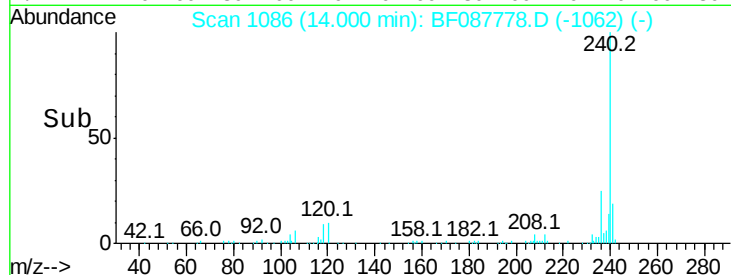
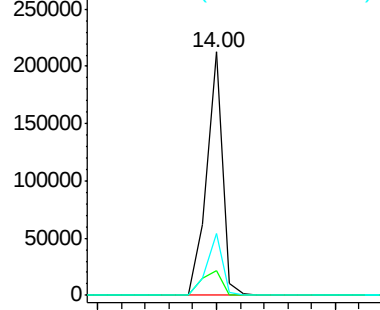
Tot Ion:	240	Resp:	197740
Ion Ratio	Lower	Upper	
240	100		
120	10.1	6.8	10.2
236	25.4	20.2	30.2

Manual Integrations
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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: 4.31 ng

RT: 12.95 min Scan# 994

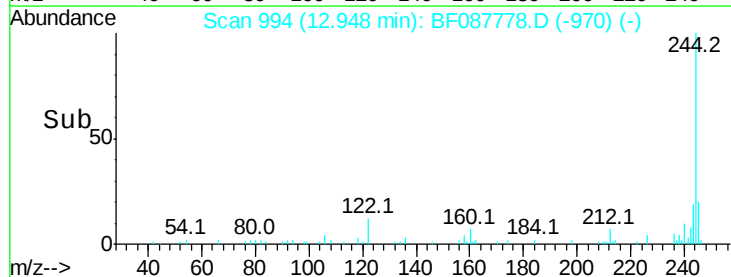
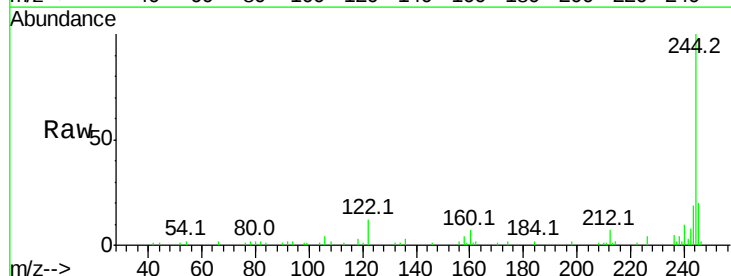
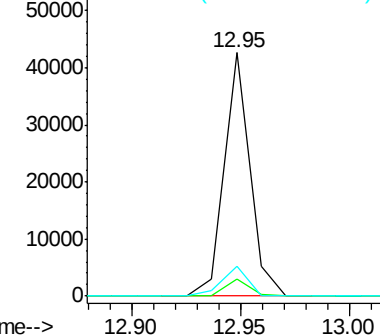
Delta R.T. -0.02 min

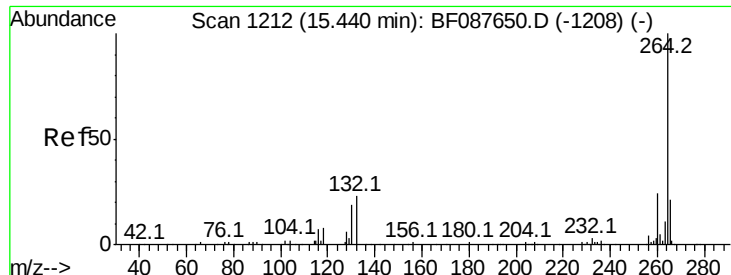
Lab File: BF087778.D

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Tgt Ion:	244	Resp:	34887
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	12.4	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





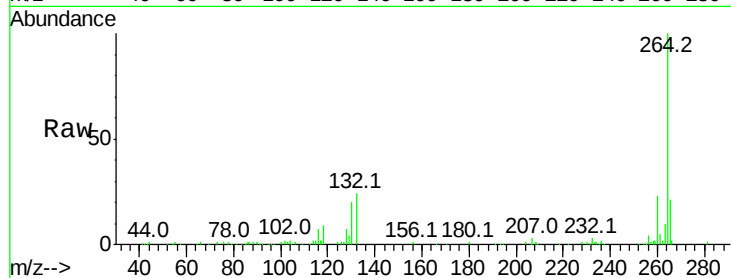
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF087778.D
Acq: 7 Jun 2016 6:28

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	16.9	25.3

Manual Integrations
APPROVED

sohil
6/7/2016 7:23:15 PM



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

