

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097566.D
 Acq On : 10 Aug 2017 19:04
 Operator : SJ/JU
 Sample : I4631-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1

Manual Integrations
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Quant Time: Aug 11 11:48:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	96430	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	431991	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	164621	20.00	ng	-0.02
63) Phenanthrene-d10	10.91	188	189512	20.00	ng	0.00
75) Chrysene-d12	13.54	240	188157	20.00	ng	0.00
86) Perylene-d12	14.87	264	201916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.98	112	443539	69.34	ng	-0.02
7) Phenol-d6	6.07	99	392867	53.80	ng	-0.01
23) Nitrobenzene-d5	6.97	82	635189	86.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.23	330	138134	106.20	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	846427	87.26	ng	-0.02
78) Terphenyl-d14	12.49	244	384377	41.65	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	6.56	146	20280	3.180	ng	96
49) Dimethylphthalate	9.17	163	34861	2.789	ng	# 78
51) Acenaphthene	9.46	154	40176	4.295	ng	95
54) Dibenzofuran	9.63	168	62164	4.989	ng	# 62
57) Fluorene	9.97	166	87788	9.373	ng	# 92
70) Phenanthrene	10.93	178	106992	10.537	ng	93

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

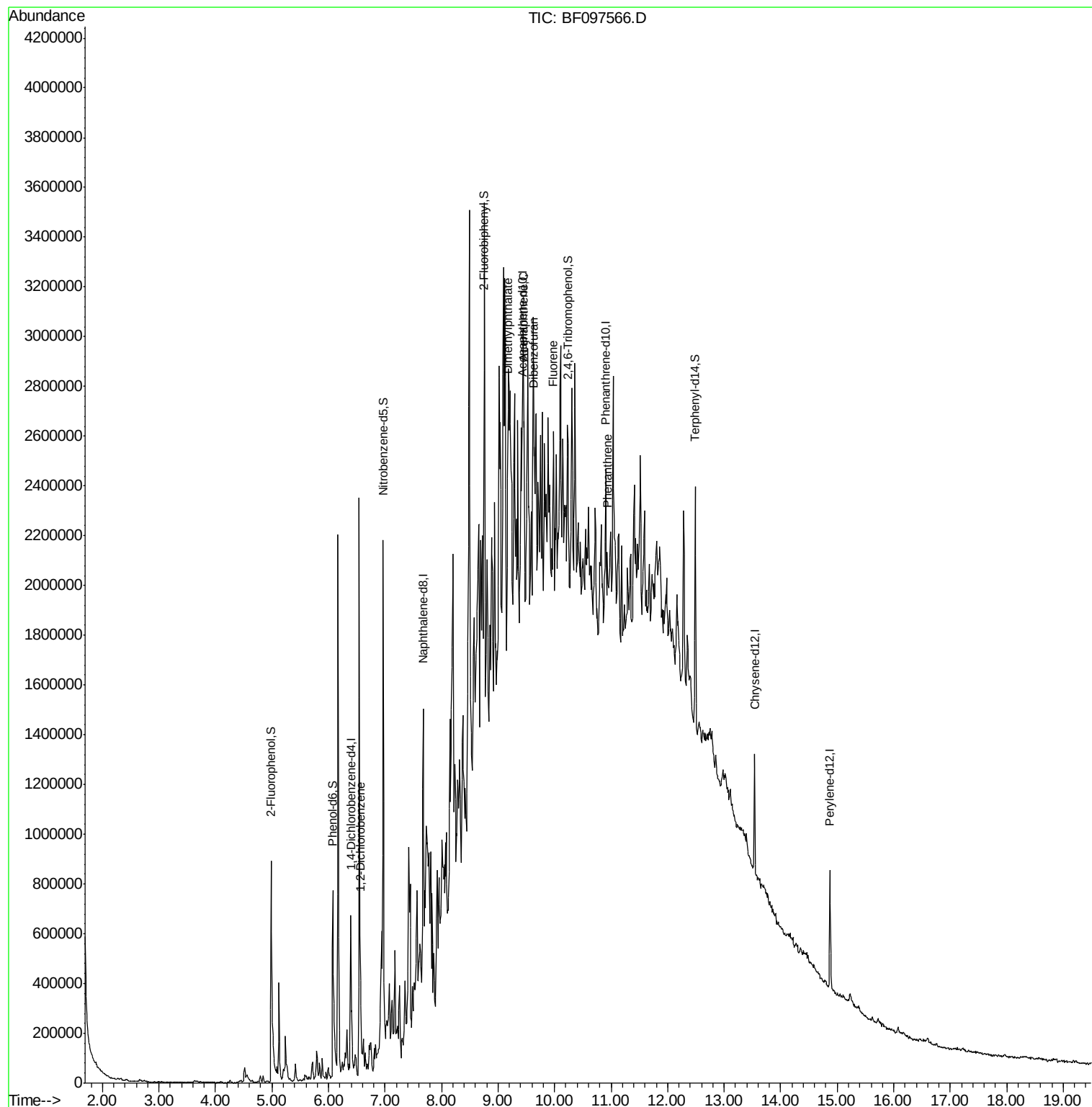
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097566.D
Acq On : 10 Aug 2017 19:04
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Misc :
ALS Vial : 8 Sample Multiplier: 1

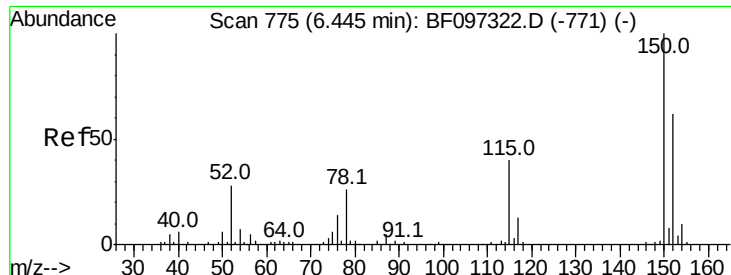
Instrument :
BNA_F
ClientSampleId :
DAY-1

Quant Time: Aug 11 11:48:53 2017
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QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

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#1

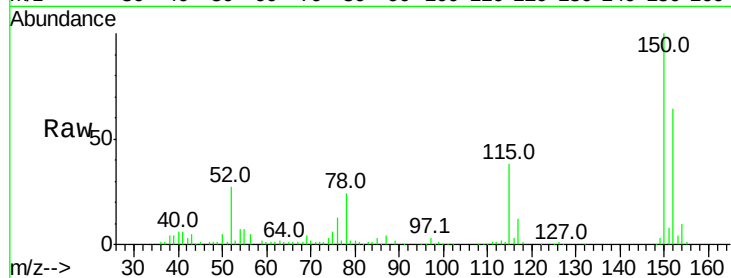
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Instrument :
BNA_F
ClientSampled :
DAY-1

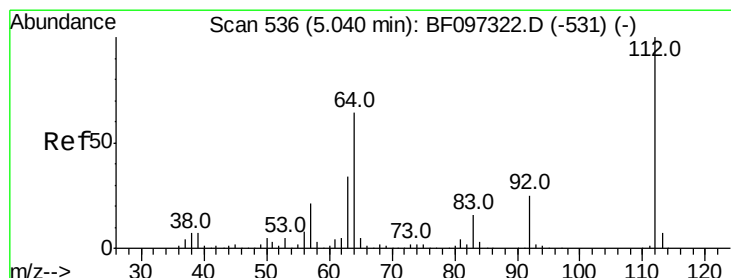
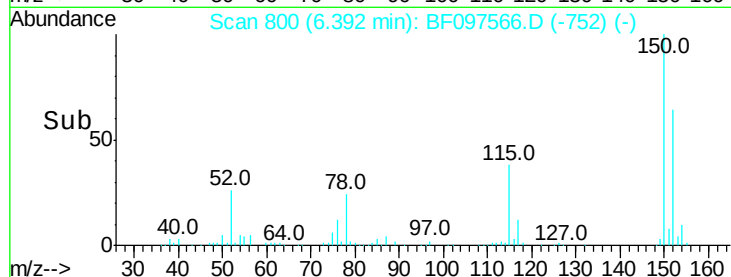
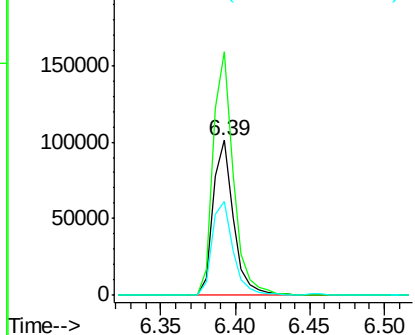
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	60.3	52.2	78.2

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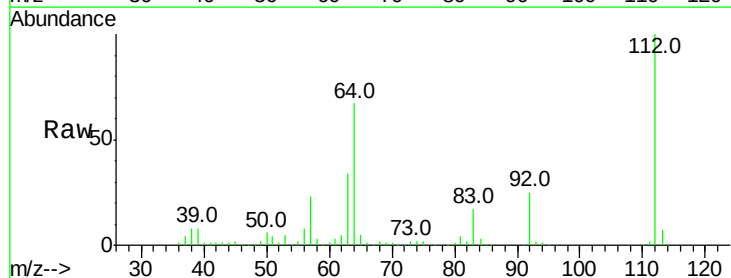
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



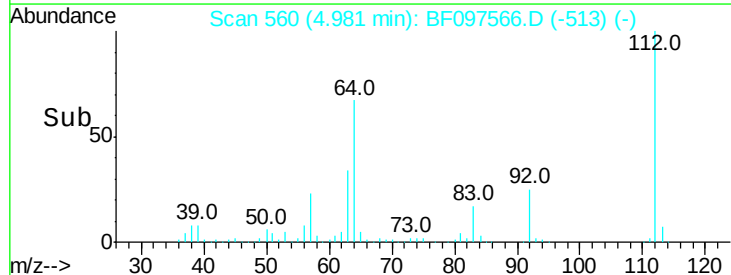
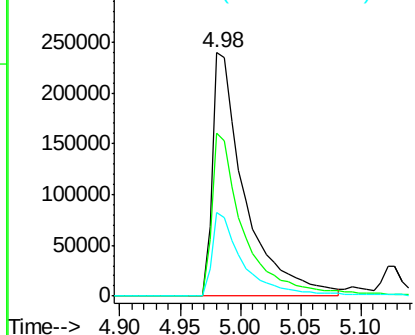
#5

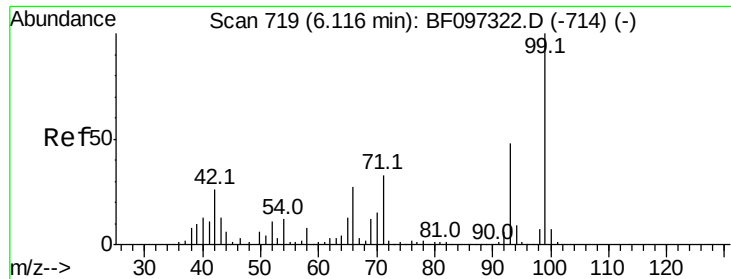
2-Fluorophenol
Concen: 69.338 ng
RT: 4.98 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	34.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.798 ng

RT: 6.07 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF097566.D

Acq: 10 Aug 2017 19:04

Instrument :

BNA_F

ClientSampleId :

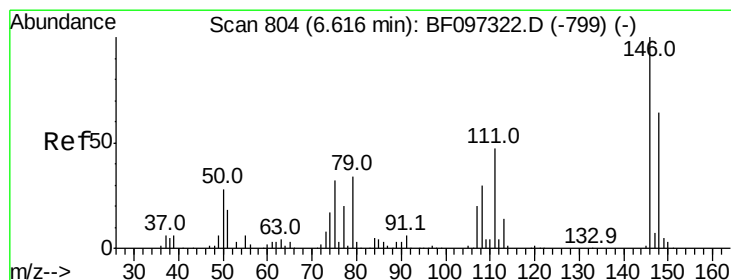
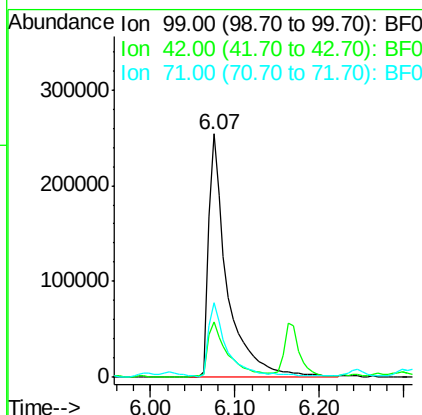
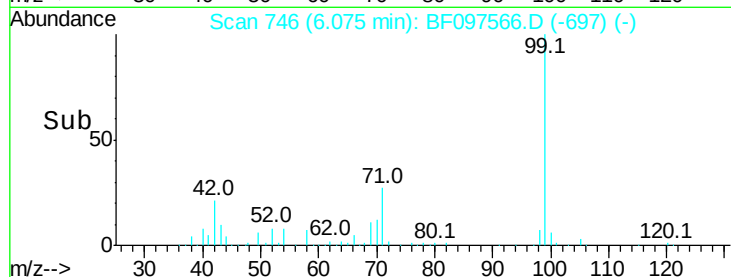
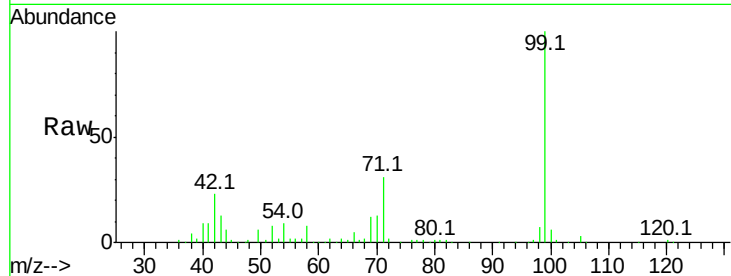
DAY-1

Tot Ion: 99 Resp: 392867

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	30.7	24.5	36.7

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#14

1,2-Dichlorobenzene

Concen: 3.180 ng

RT: 6.56 min Scan# 829

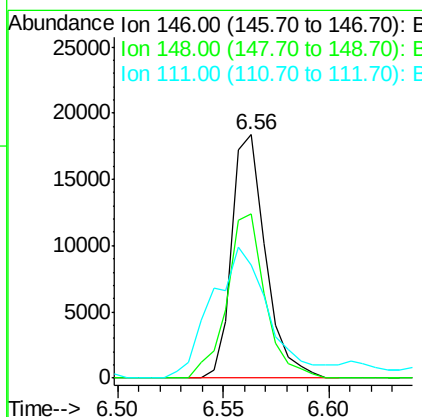
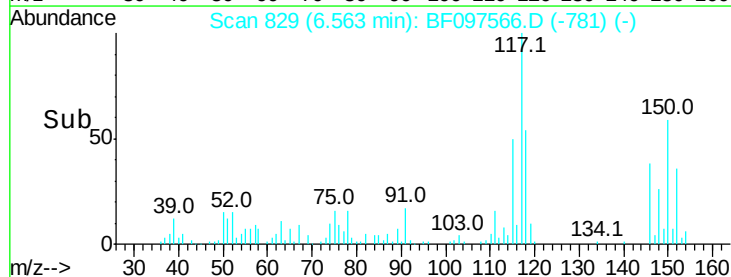
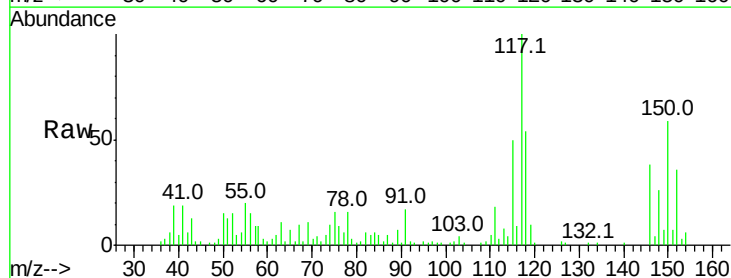
Delta R.T. -0.02 min

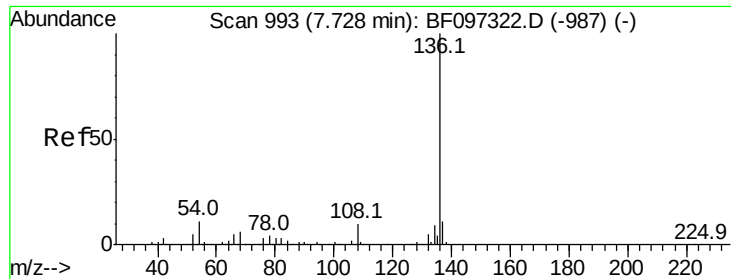
Lab File: BF097566.D

Acq: 10 Aug 2017 19:04

Tgt Ion: 146 Resp: 20280

Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.4	75.6
111	46.6	38.2	57.4





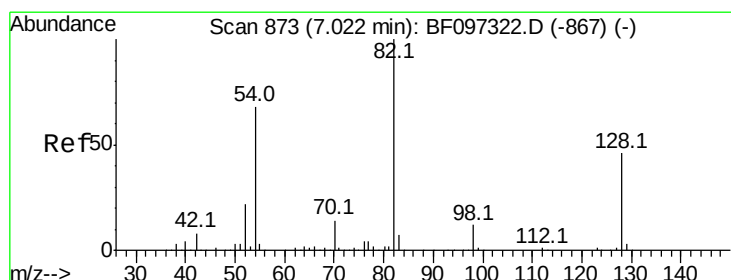
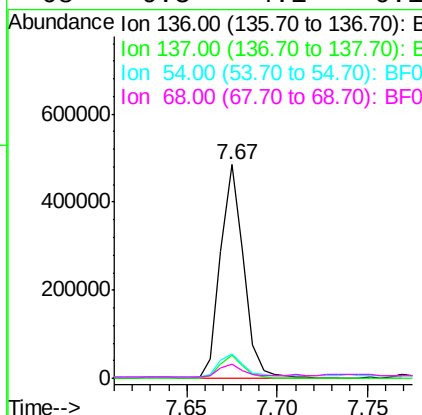
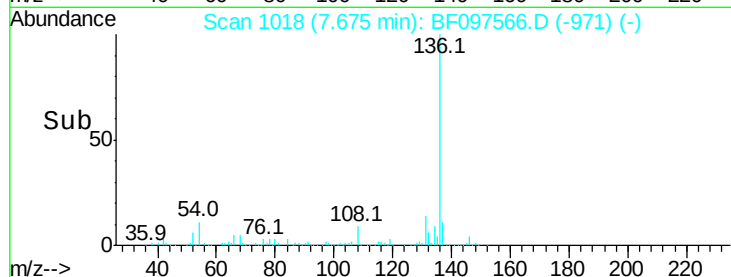
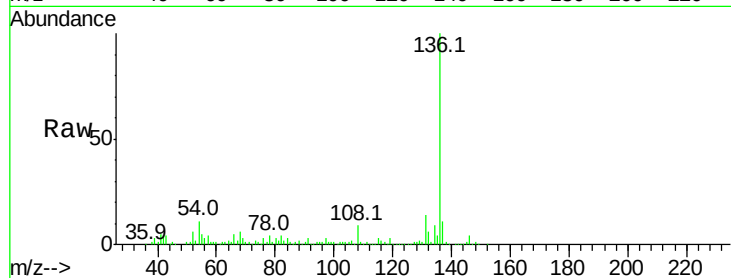
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.67 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	11.4	4.9	7.3#	
68	6.3	4.1	6.1#	

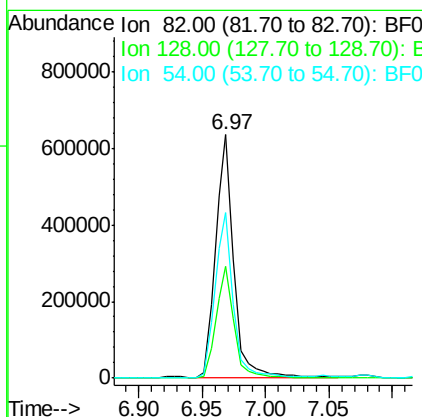
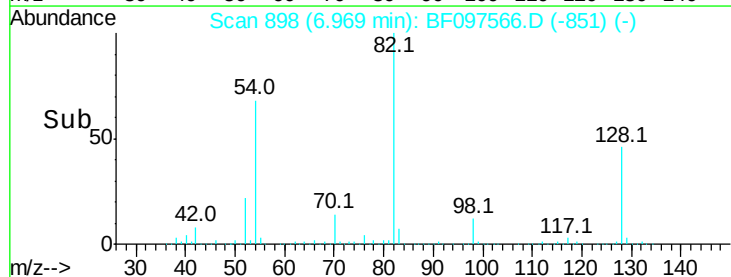
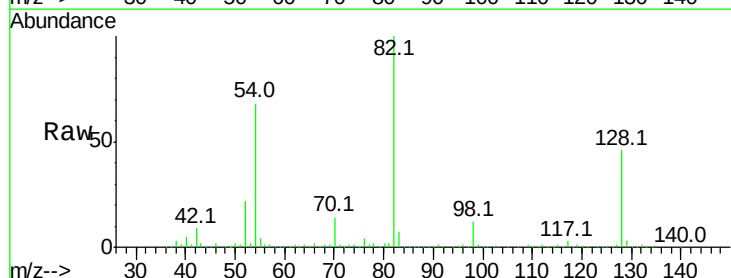
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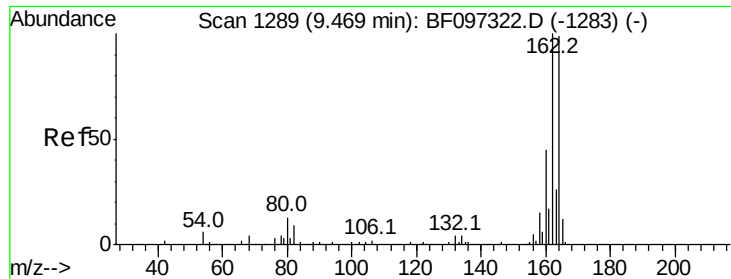
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#23
Nitrobenzene-d5
Concen: 86.258 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.2	34.0	51.0	
54	67.9	42.2	63.2#	





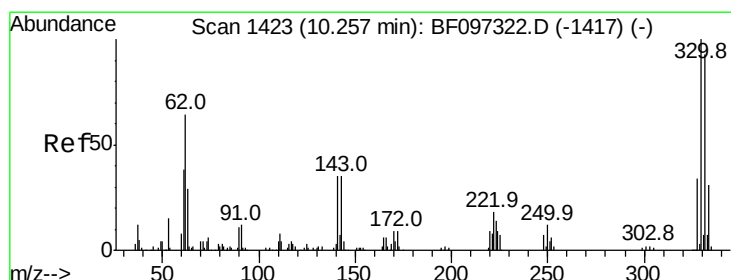
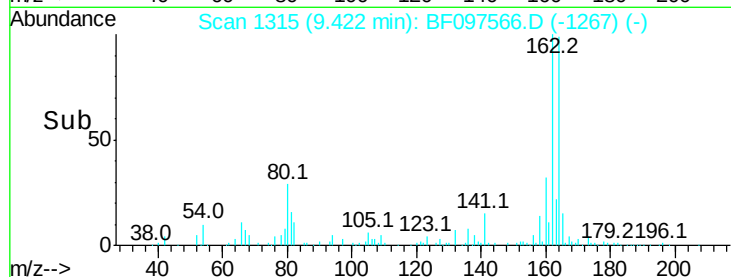
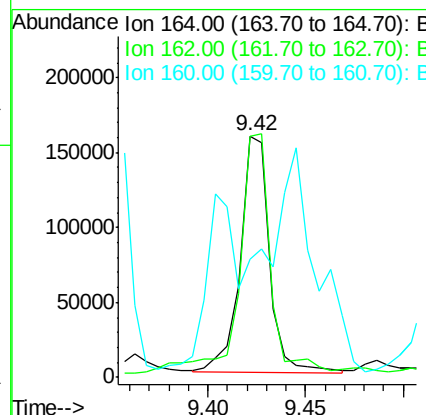
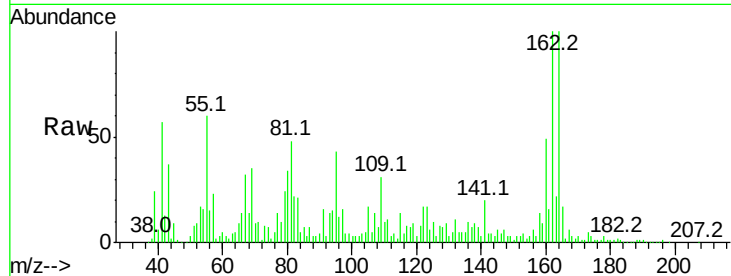
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Instrument :
BNA_F
ClientSampled :
DAY-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	164621		
162	99.9	82.6	123.8	
160	48.8	36.2	54.2	

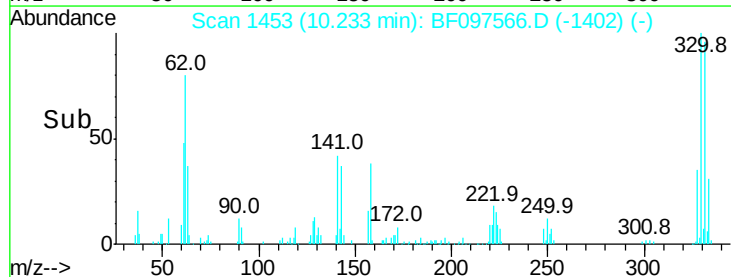
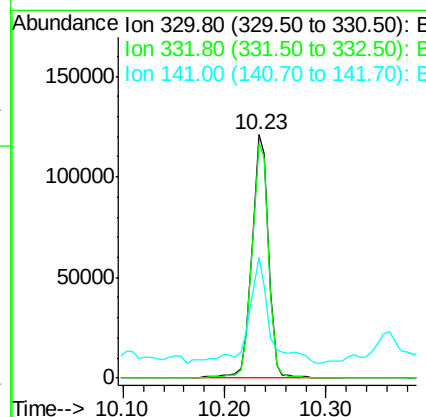
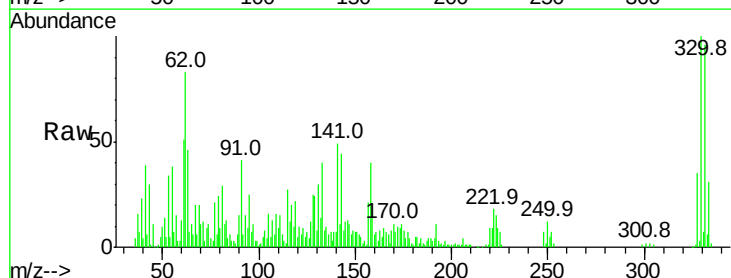
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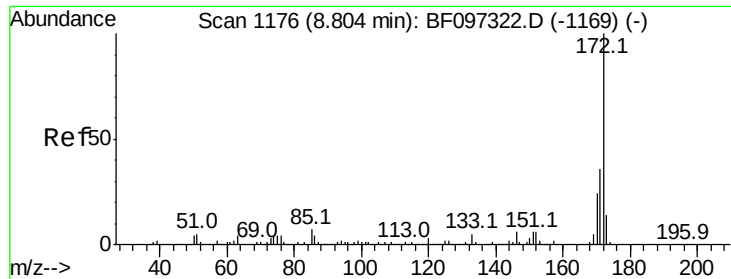
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#41
2,4,6-Tribromophenol
Concen: 106.203 ng
RT: 10.23 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138134		
332	96.4	76.6	115.0	
141	54.8	31.4	47.2#	





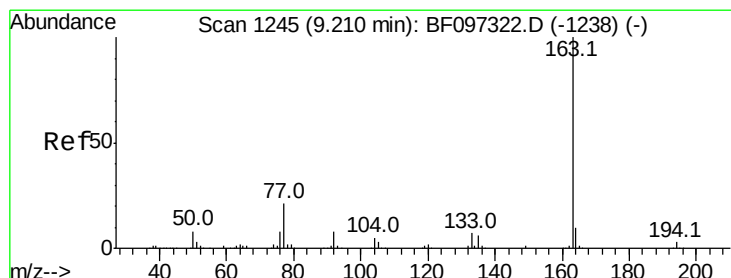
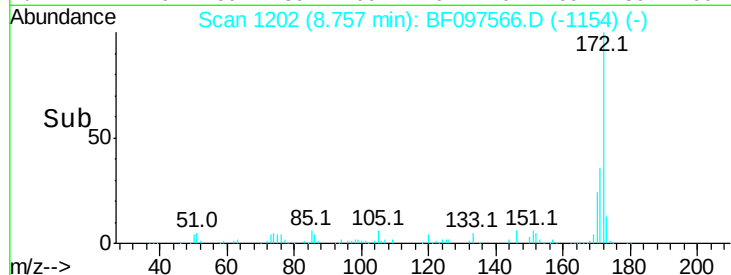
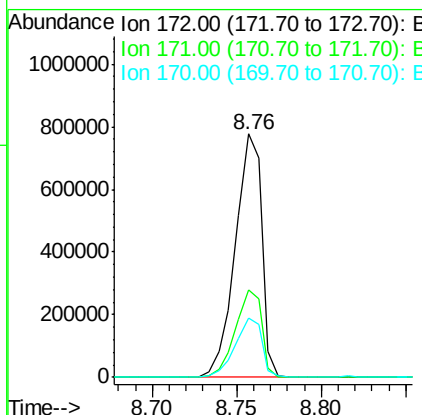
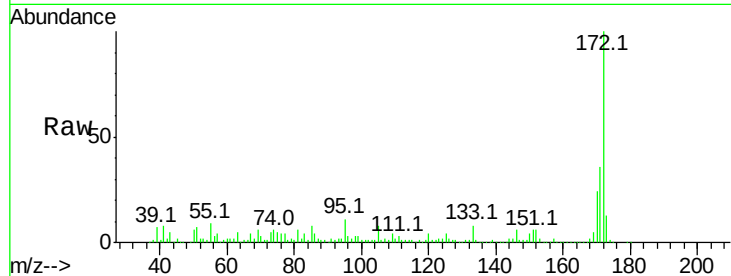
#44
2-Fluorobiphenyl
Concen: 87.259 ng
RT: 8.76 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Instrument :
BNA_F
ClientSampled :
DAY-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	846427		
171	35.9		29.6	44.4
170	24.1		19.8	29.8

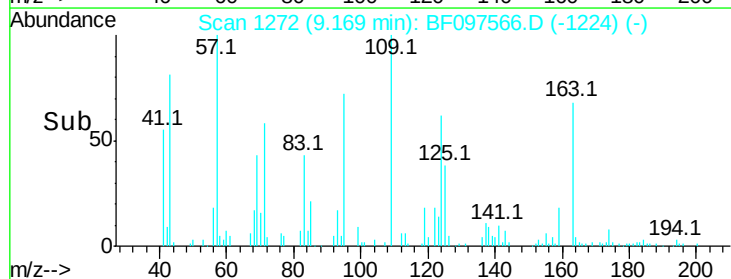
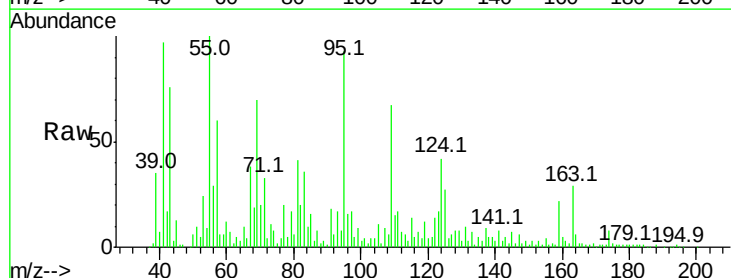
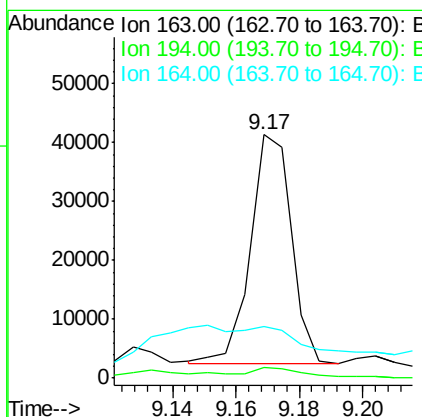
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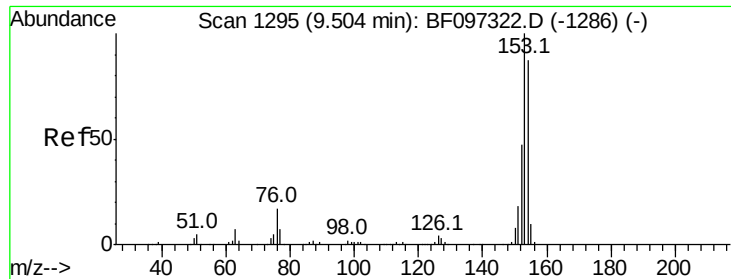
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#49
Dimethylphthalate
Concen: 2.789 ng
RT: 9.17 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	34861		
194	4.2		2.6	4.0#
164	21.0		8.4	12.6#





#51

Acenaphthene

Concen: 4.295 ng

RT: 9.46 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF097566.D

Acq: 10 Aug 2017 19:04

Instrument :

BNA_F

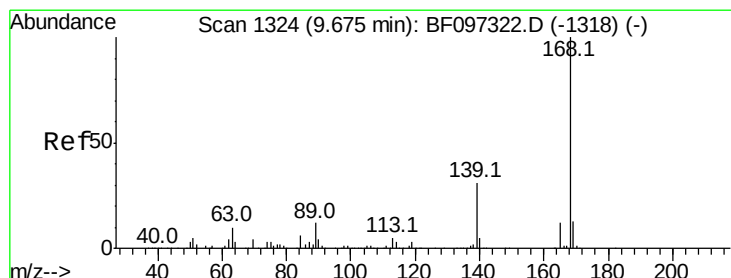
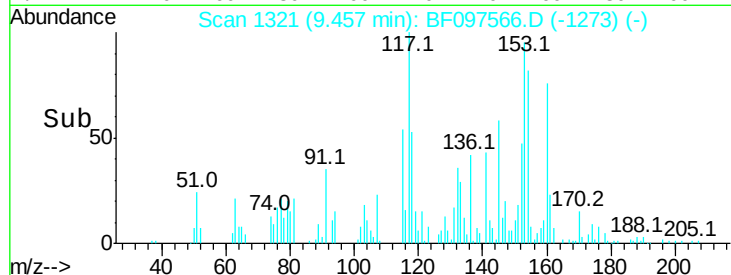
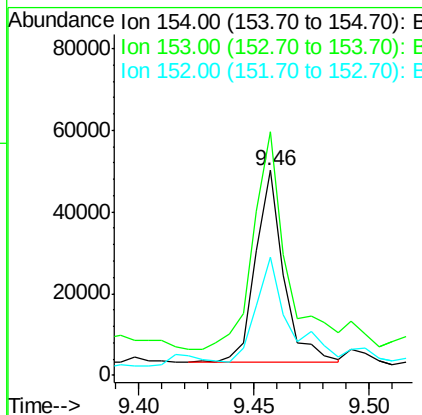
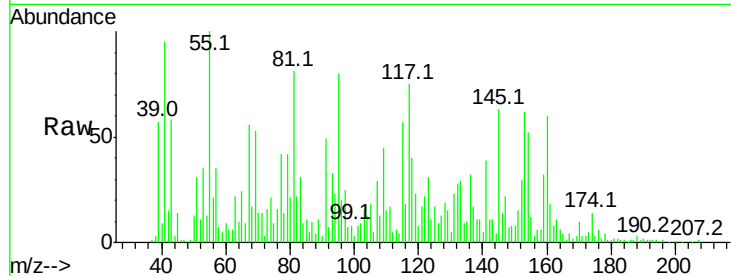
ClientSampled :

DAY-1

Tot Ion:	154	Resp:	40176
Ion Ratio	Lower	Upper	
154	100		
153	118.7	90.5	135.7
152	57.7	43.6	65.4

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#54

Dibenzofuran

Concen: 4.989 ng

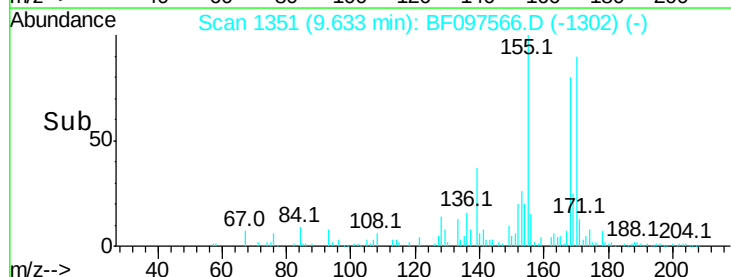
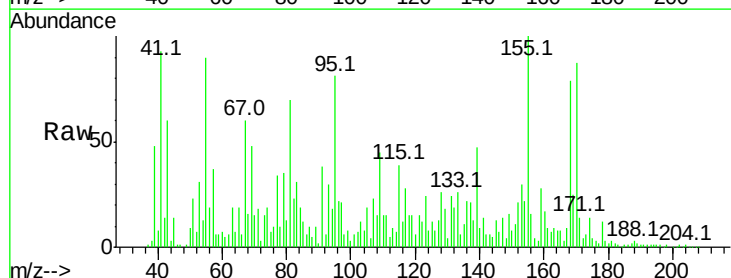
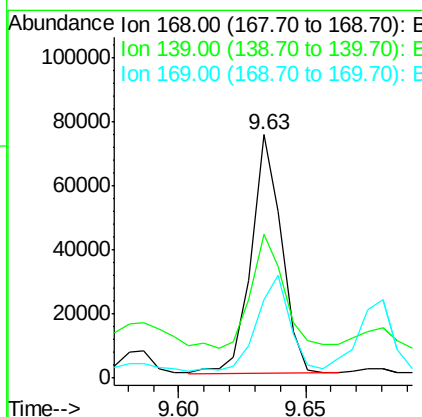
RT: 9.63 min Scan# 1351

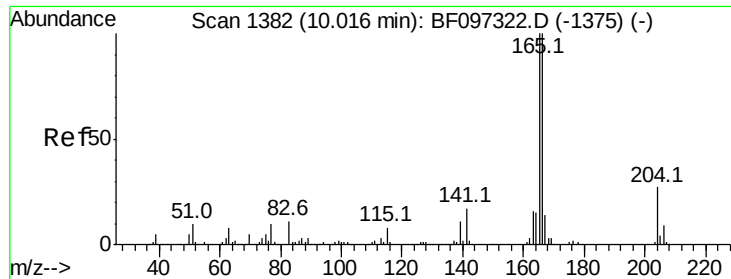
Delta R.T. -0.01 min

Lab File: BF097566.D

Acq: 10 Aug 2017 19:04

Tgt Ion:	168	Resp:	62164
Ion Ratio	Lower	Upper	
168	100		
139	59.2	30.6	45.8#
169	32.1	10.8	16.2#





#57

Fluorene

Concen: 9.373 ng

RT: 9.97 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF097566.D

Acq: 10 Aug 2017 19:04

Instrument :

BNA_F

ClientSampled :

DAY-1

Tot Ion:166 Resp: 87788

Ion Ratio Lower Upper

166 100

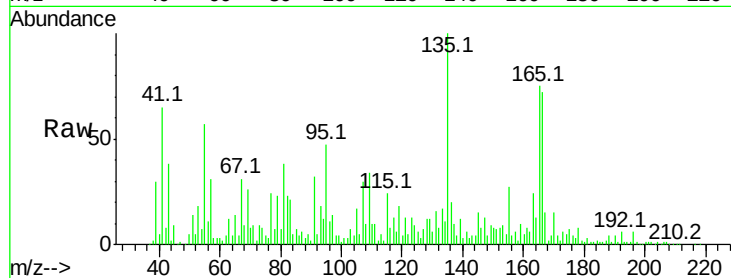
165 105.3 78.8 118.2

167 21.2 10.6 16.0#

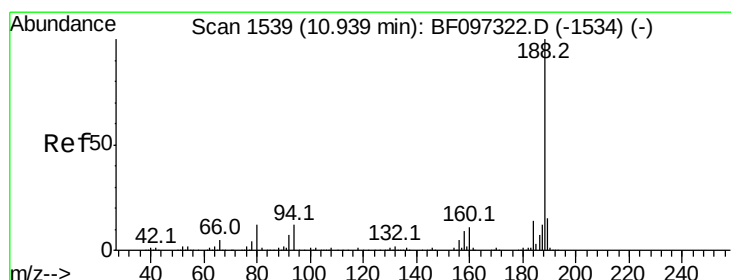
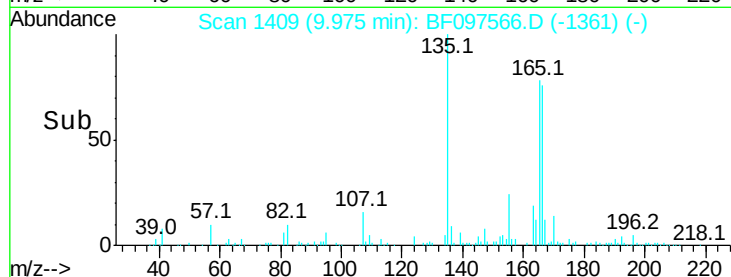
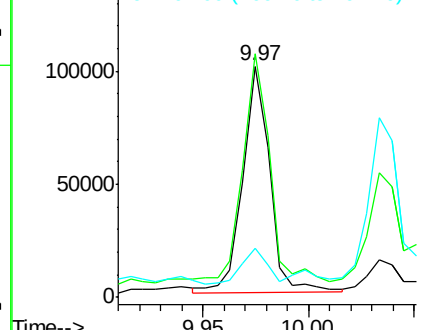
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.91 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF097566.D

Acq: 10 Aug 2017 19:04

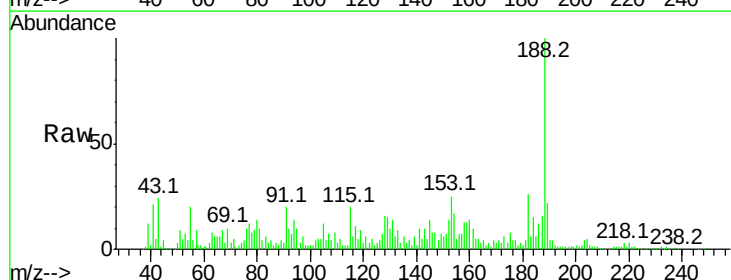
Tgt Ion:188 Resp: 189512

Ion Ratio Lower Upper

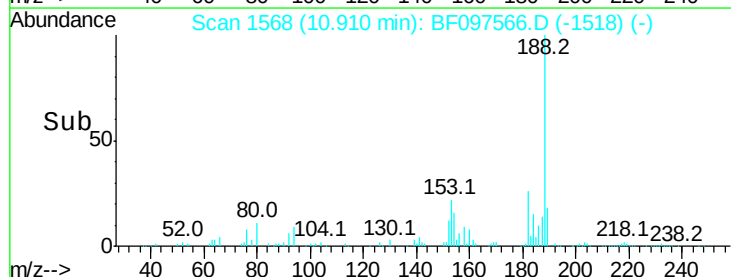
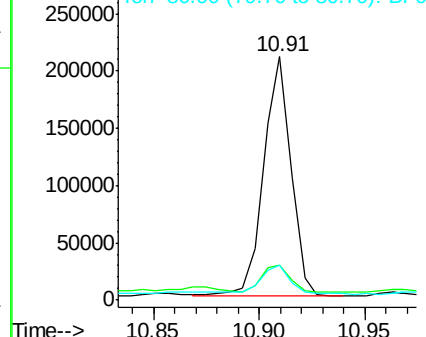
188 100

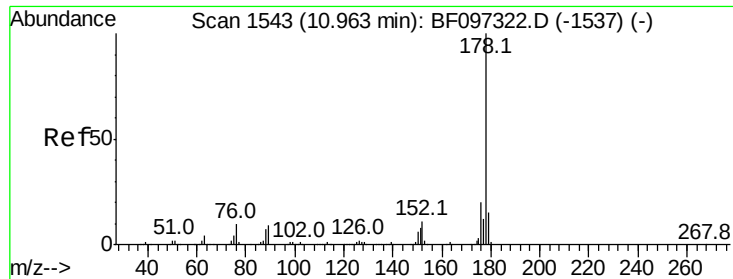
94 14.1 9.4 14.2

80 14.4 10.2 15.2



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





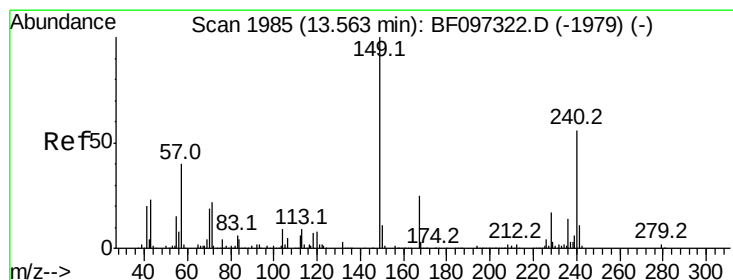
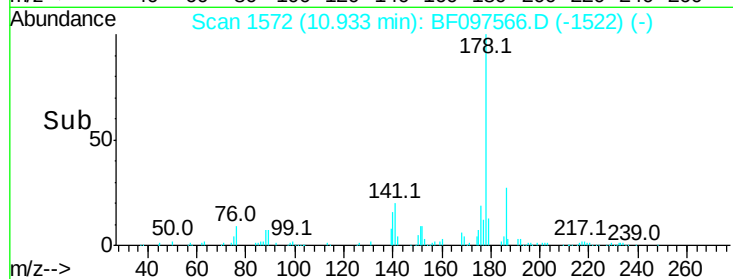
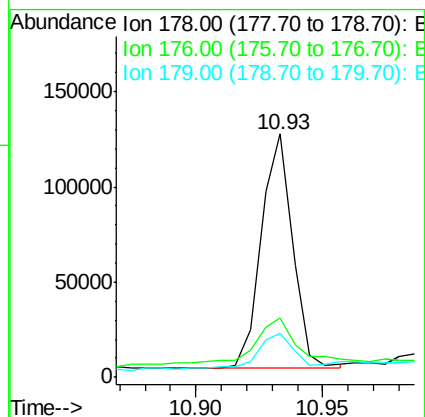
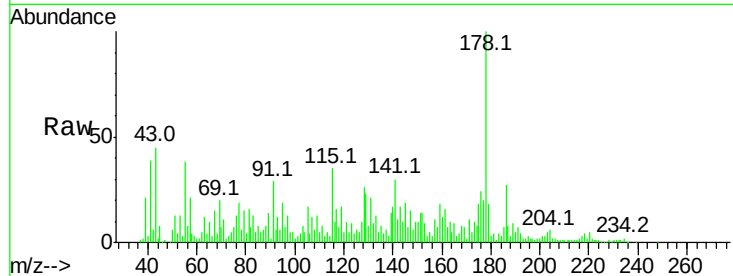
#70
Phenanthrene
Concen: 10.537 ng
RT: 10.93 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Instrument :
BNA_F
ClientSampleId :
DAY-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.1	16.2	24.4
179	18.1	12.6	19.0

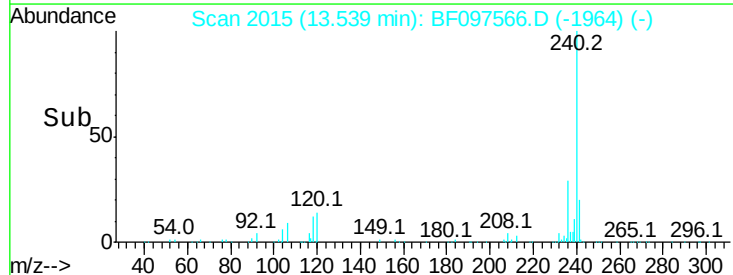
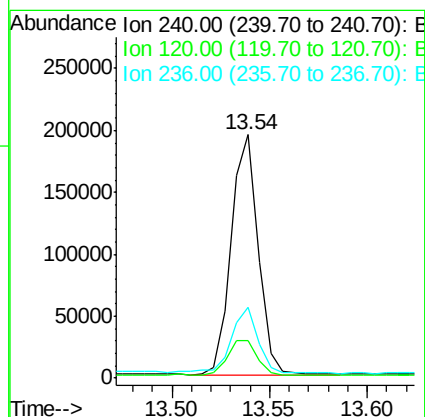
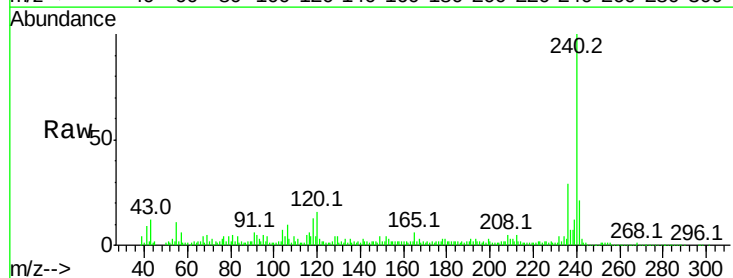
Manual Integrations
APPROVED

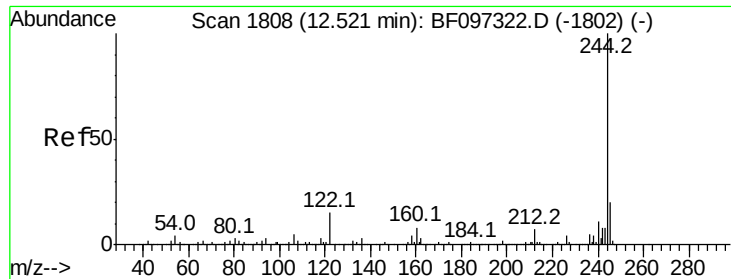
sohil
8/14/2017 6:33:38 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF097566.D
Acq: 10 Aug 2017 19:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	29.2	20.5	30.7





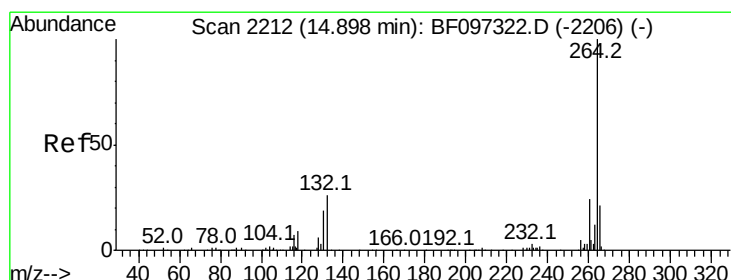
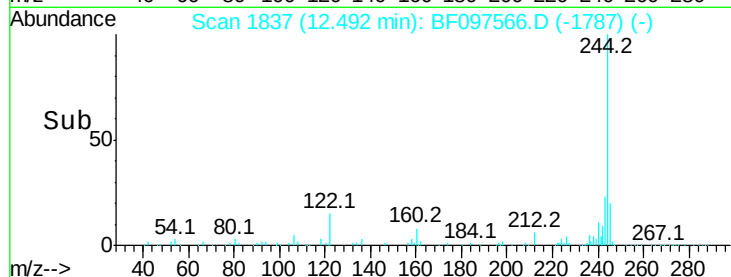
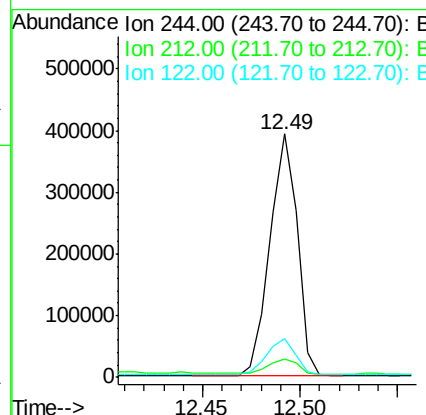
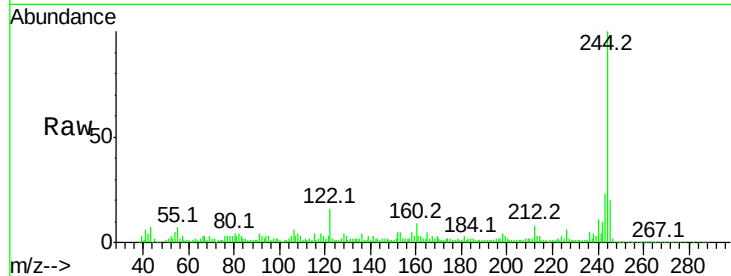
#78
 Terphenyl-d14
 Concen: 41.651 ng
 RT: 12.49 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF097566.D
 Acq: 10 Aug 2017 19:04

Instrument :
 BNA_F
 ClientSampled :
 DAY-1

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.7	6.0	9.0	
122	15.8	10.3	15.5	

Manual Integrations
 APPROVED

sohil
 8/14/2017 6:33:38 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: BF097566.D
 Acq: 10 Aug 2017 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	19.5	29.3	
265	21.7	17.2	25.8	

