

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096756.D
 Acq On : 14 Jul 2017 4:37
 Operator : SJ/JU
 Sample : I4172-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-BASE

Manual Integrations
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Quant Time: Jul 14 13:49:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	113676	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	410322	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	148655	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	232810	20.00	ng	0.00
75) Chrysene-d12	13.78	240	207341	20.00	ng	0.00
86) Perylene-d12	15.16	264	137587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	905013	119.71	ng	0.02
7) Phenol-d6	6.29	99	1116303	123.04	ng	0.01
23) Nitrobenzene-d5	7.20	82	566350	85.49	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	135460	106.75	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	660522	70.20	ng	0.00
78) Terphenyl-d14	12.73	244	426181	35.65	ng	0.00
Target Compounds						Qvalue
11) bis(2-Chloroethyl)ether	6.39	93	914295	118.546	ng	90
12) 1,3-Dichlorobenzene	6.58	146	50619	5.839	ng	97
13) 1,4-Dichlorobenzene	6.66	146	244439	27.841	ng	95
14) 1,2-Dichlorobenzene	6.81	146	130636	16.359	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	125961m	7.914	ng	
27) 2,4-Dimethylphenol	7.58	122	90229	14.397	ng	98
31) Naphthalene	7.94	128	531305	27.334	ng	100
37) 2-Methylnaphthalene	8.63	142	497278	40.128	ng	99
45) 1,1'-Biphenyl	9.09	154	44118m	3.460	ng	
49) Dimethylphthalate	9.39	163	136062	12.156	ng	# 98
51) Acenaphthene	9.70	154	27611	3.125	ng	# 88
57) Fluorene	10.22	166	19419m	2.122	ng	
70) Phenanthrene	11.17	178	38456	3.038	ng	96

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

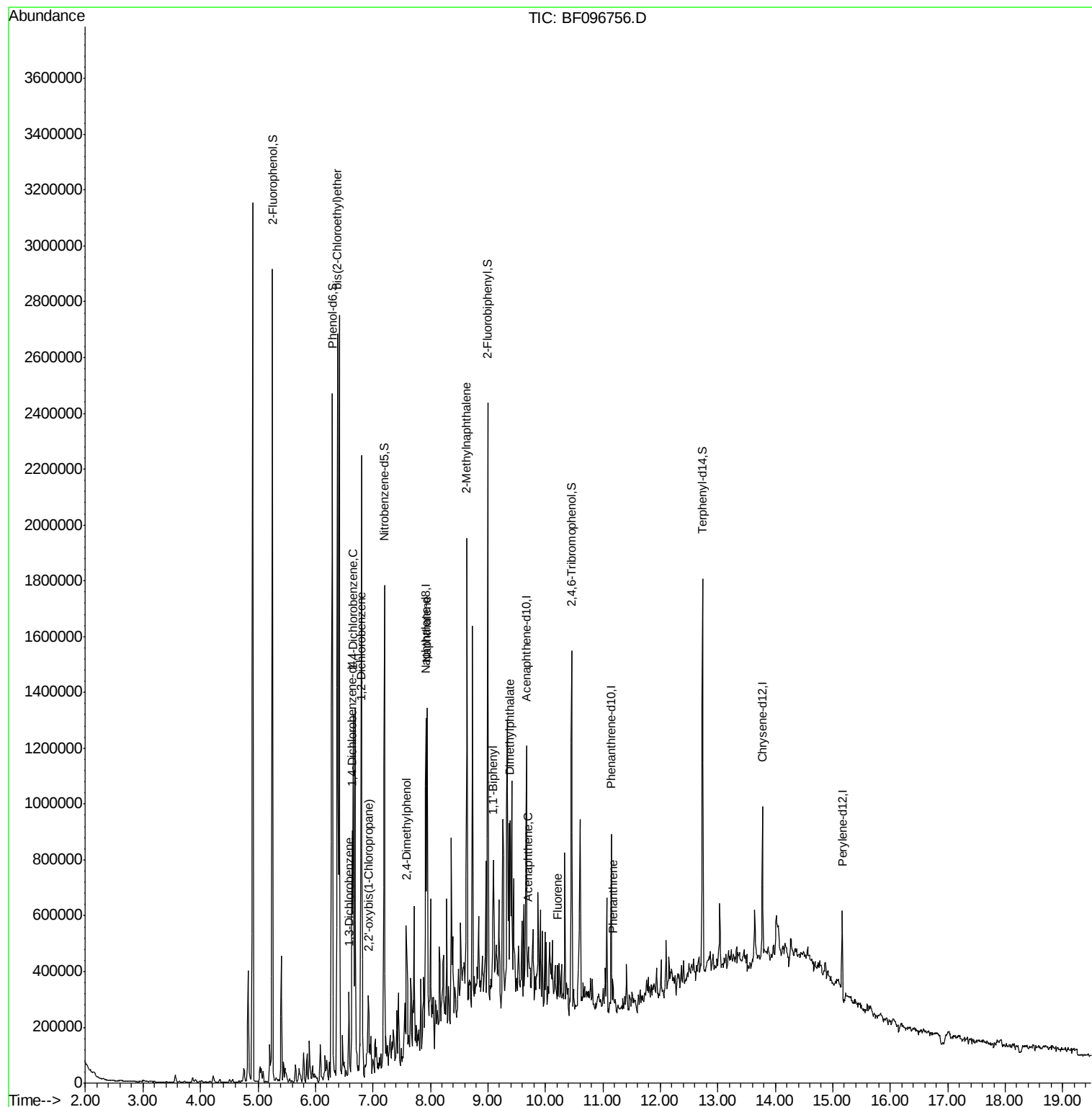
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096756.D
Acq On : 14 Jul 2017 4:37
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Sample : I4172-03
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ALS Vial : 36 Sample Multiplier: 1

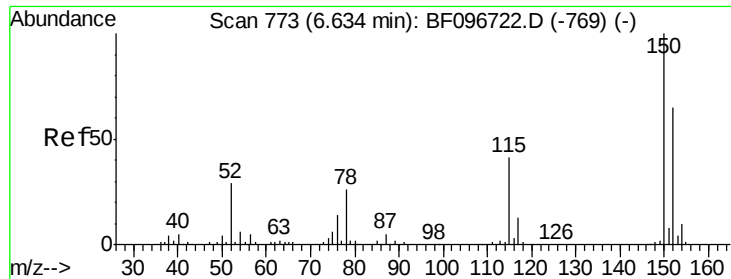
Instrument :
BNA_F
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E2-P6-BASE

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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#1

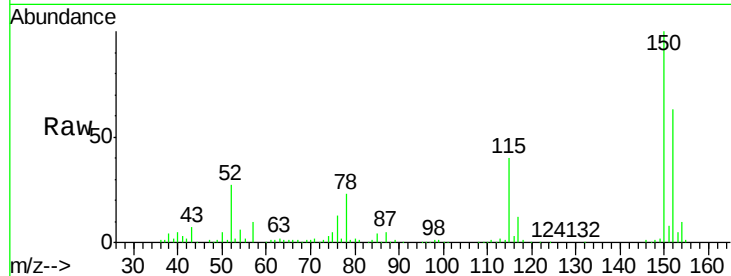
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Instrument :
BNA_F
ClientSampled :
E2-P6-BASE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	64.0	52.2	78.2

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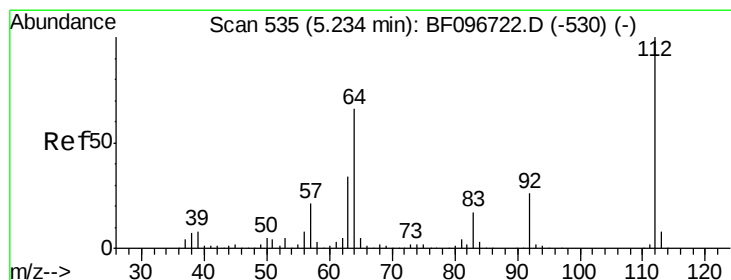
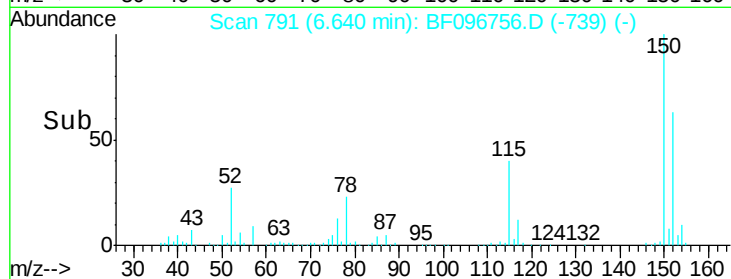
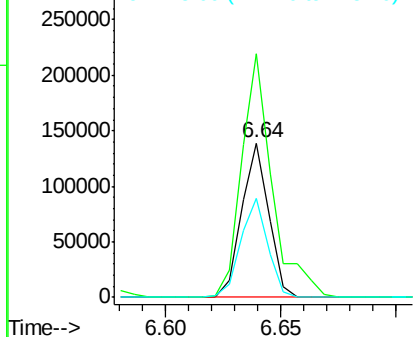


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

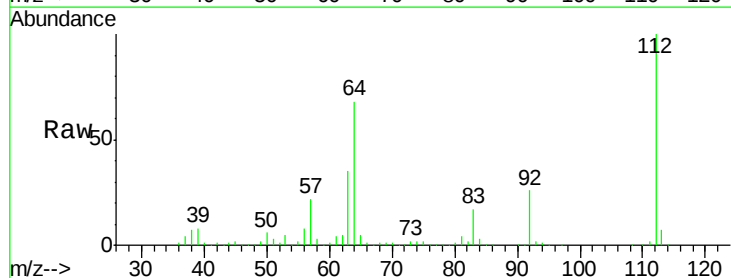
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.705 ng
RT: 5.25 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	46.0	69.0
63	34.5	23.4	35.0

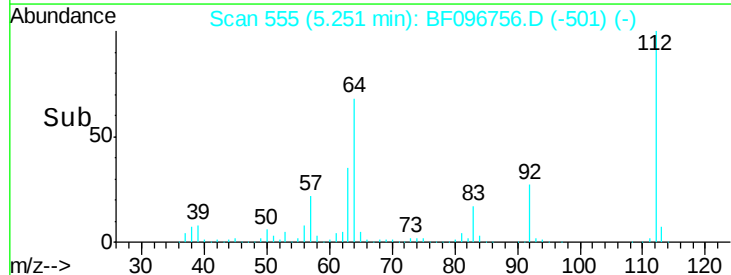
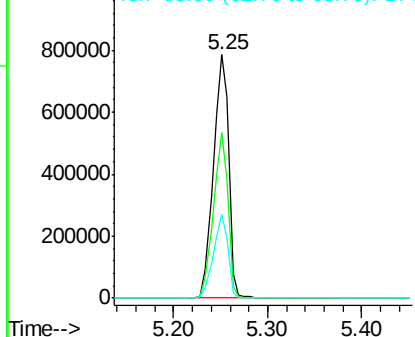


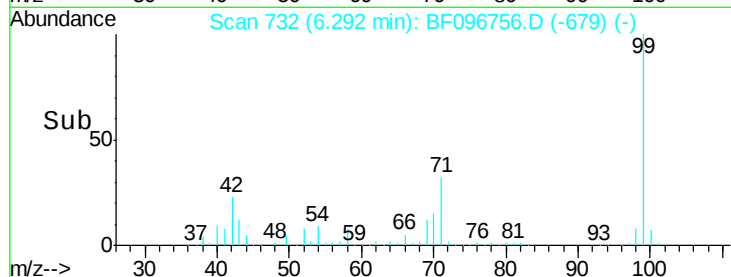
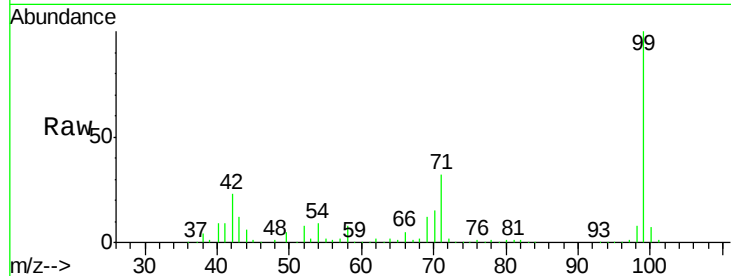
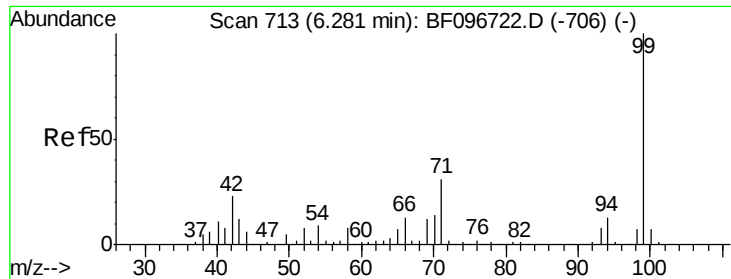
Abundance

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: 123.041 ng

RT: 6.29 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF096756.D

Acq: 14 Jul 2017 4:37

Tgt Ion:	99	Resp:	1116303
Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	31.7	24.5	36.7

Instrument :

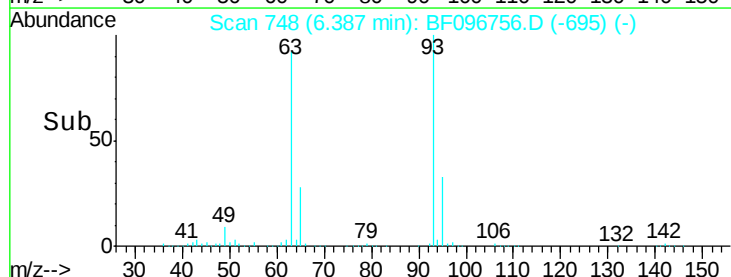
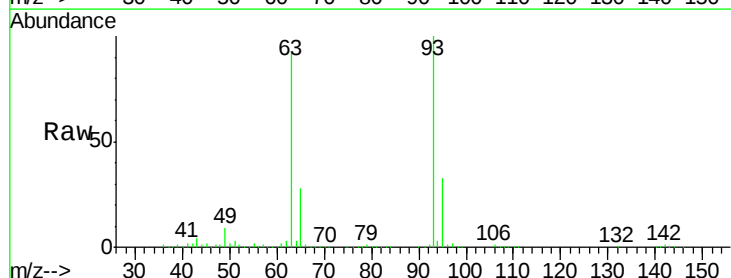
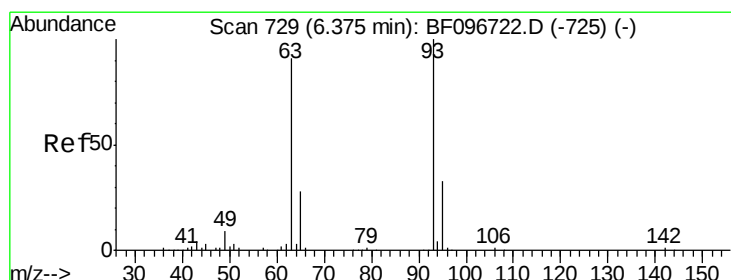
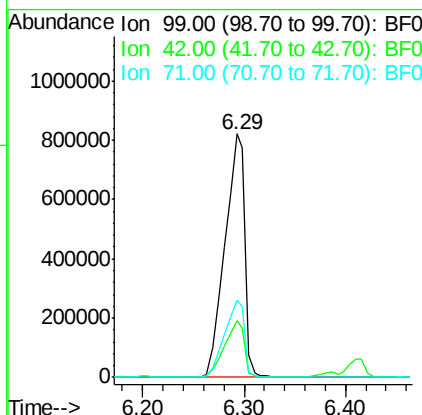
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ClientSampled :

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#11

bis(2-Chloroethyl)ether

Concen: 118.546 ng

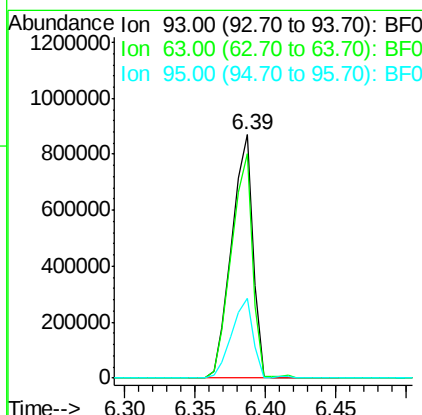
RT: 6.39 min Scan# 748

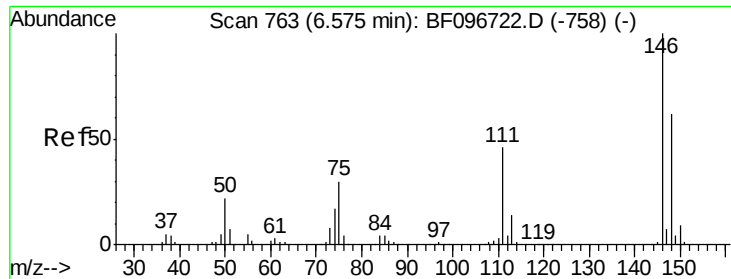
Delta R.T. 0.01 min

Lab File: BF096756.D

Acq: 14 Jul 2017 4:37

Tgt Ion:	93	Resp:	914295
Ion	Ratio	Lower	Upper
93	100		
63	92.0	59.2	99.2
95	32.9	12.8	52.8





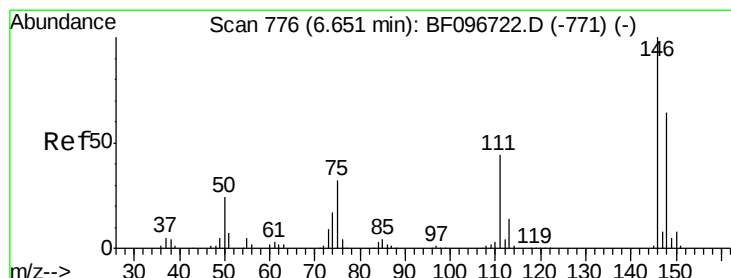
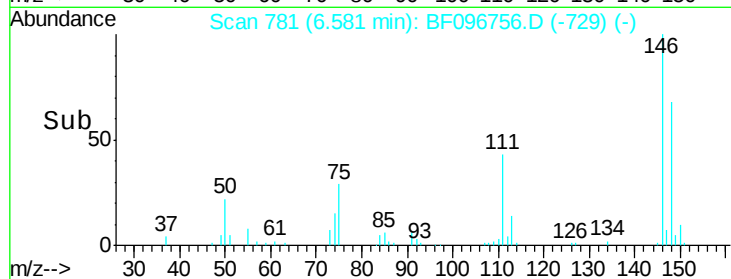
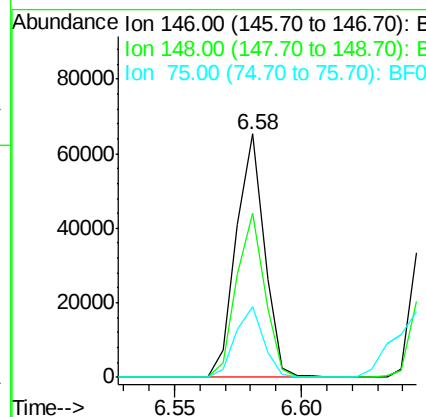
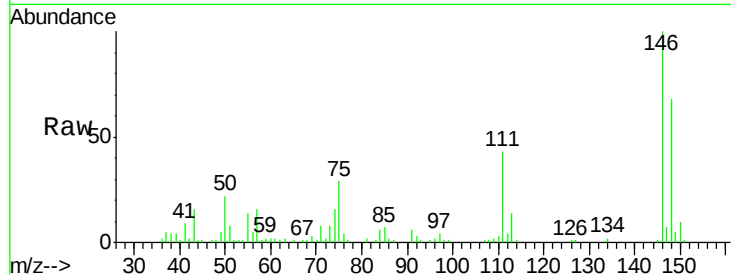
#12
 1,3-Dichlorobenzene
 Concen: 5.839 ng
 RT: 6.58 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF096756.D
 Acq: 14 Jul 2017 4:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-BASE

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.8	77.6
75	29.1	23.1	34.7

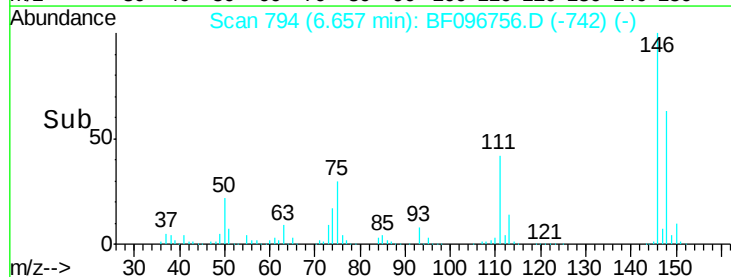
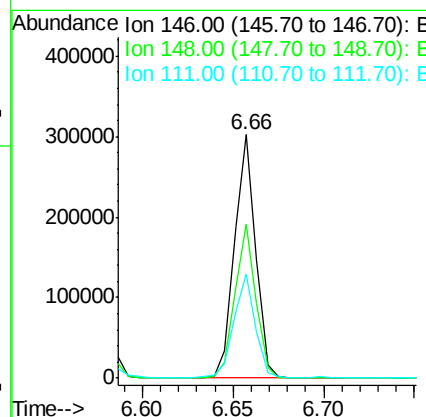
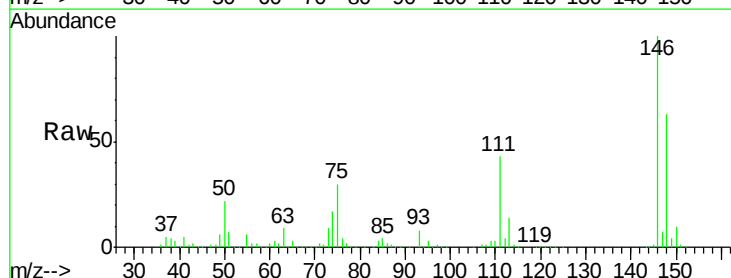
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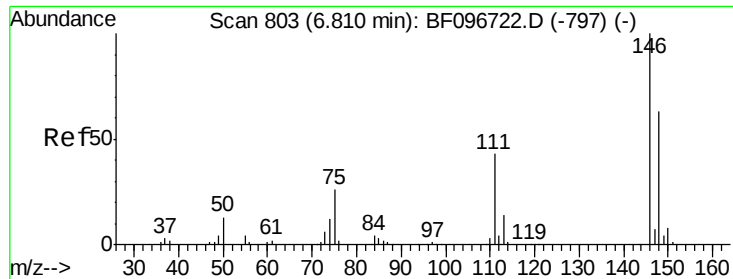
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#13
 1,4-Dichlorobenzene
 Concen: 27.841 ng
 RT: 6.66 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF096756.D
 Acq: 14 Jul 2017 4:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	42.6	30.3	45.5





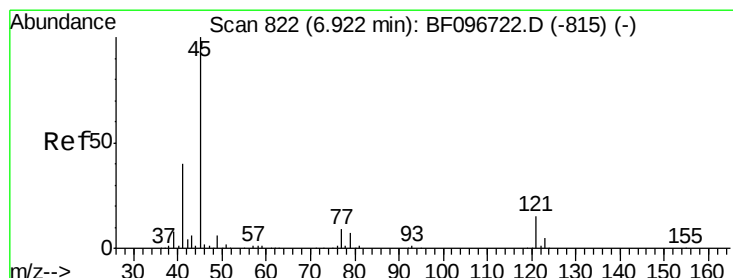
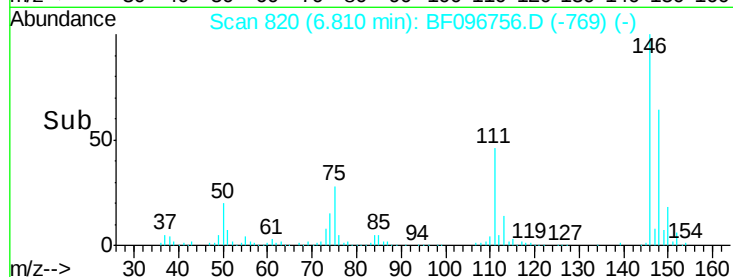
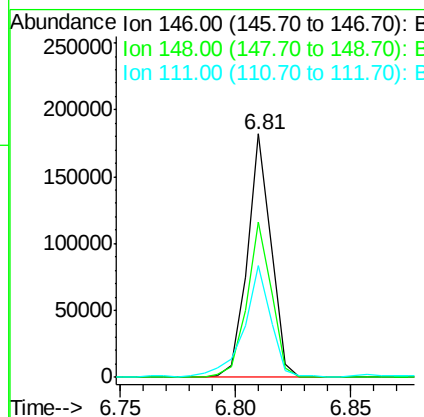
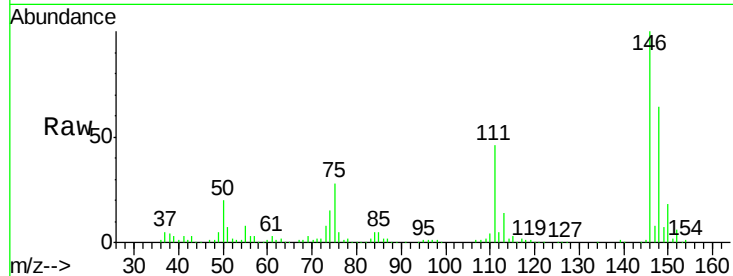
#14
1,2-Dichlorobenzene
Concen: 16.359 ng
RT: 6.81 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Instrument :
BNA_F
ClientSampleId :
E2-P6-BASE

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	46.0	38.2	57.4

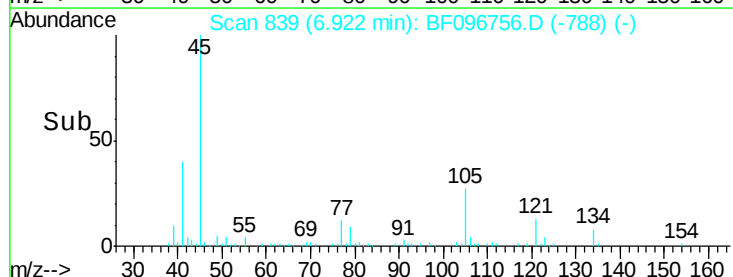
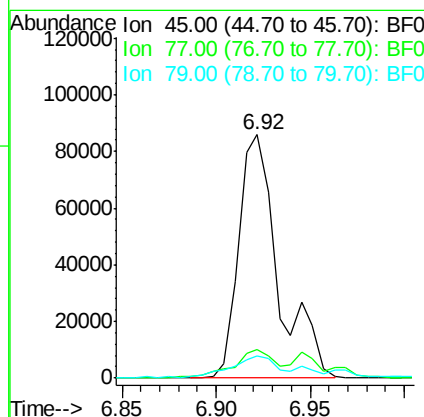
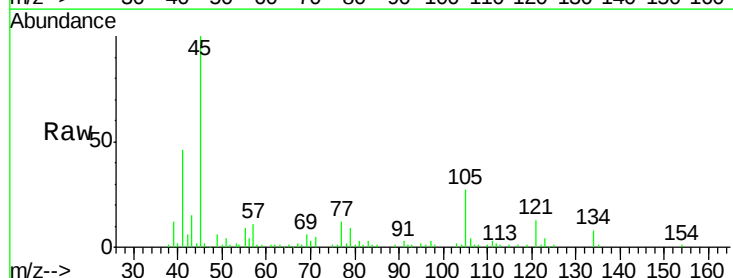
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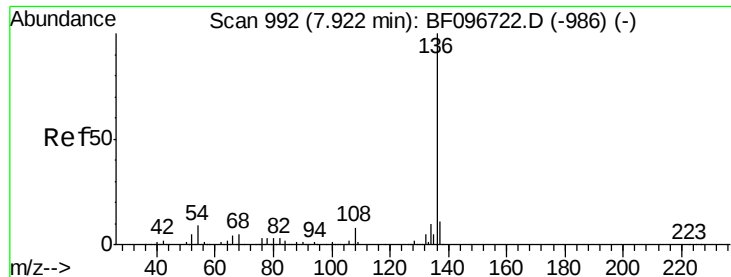
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.914 ng m
RT: 6.92 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	33.2
79	9.3	0.0	30.0





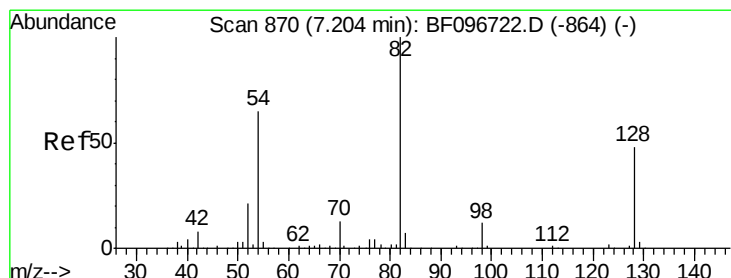
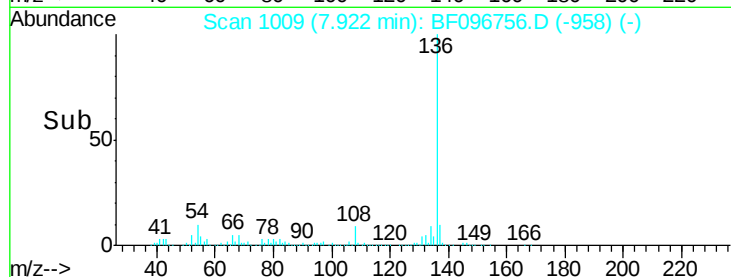
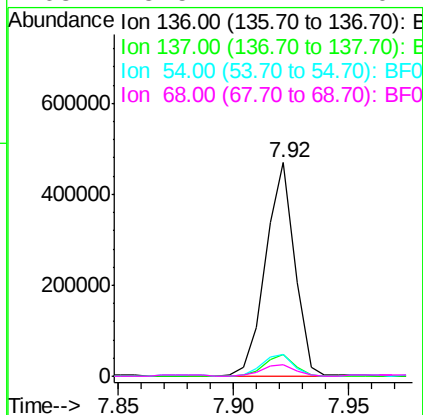
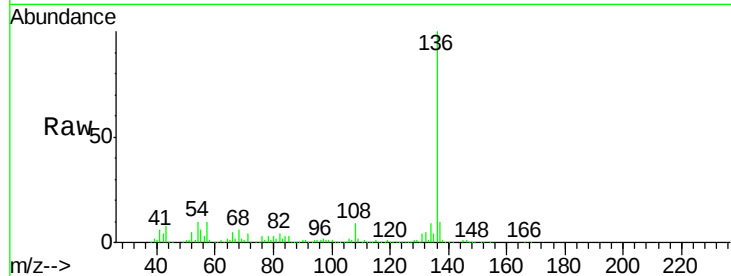
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Instrument :
BNA_F
ClientSampleId :
E2-P6-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	410322		
137	10.5	8.5	12.7	
54	10.5	4.9	7.3#	
68	5.5	4.1	6.1	

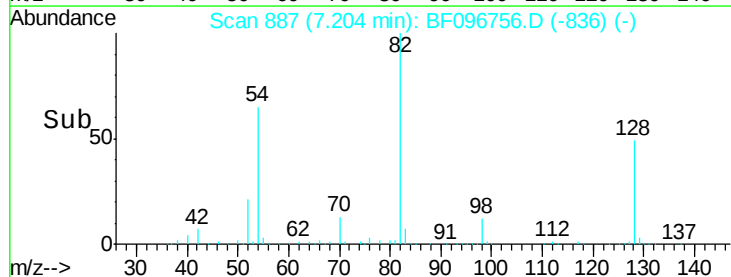
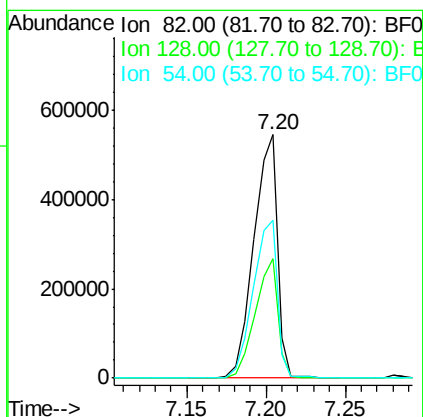
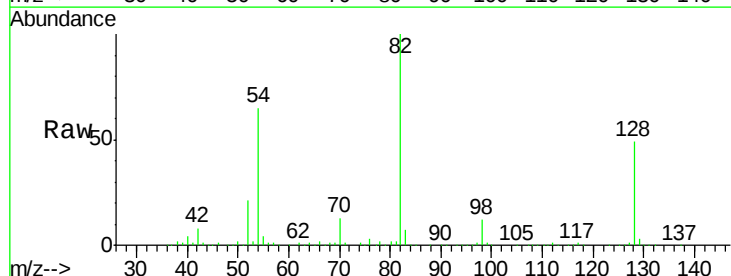
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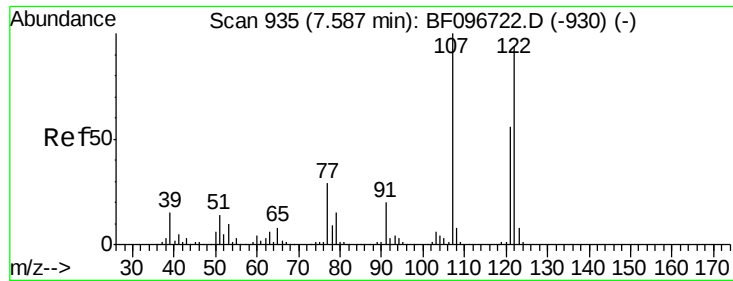
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#23
Nitrobenzene-d5
Concen: 85.494 ng
RT: 7.20 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	566350		
128	49.1	34.0	51.0	
54	65.0	42.2	63.2#	





#27

2,4-Dimethylphenol

Concen: 14.397 ng

RT: 7.58 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF096756.D

Acq: 14 Jul 2017 4:37

Instrument :

BNA_F

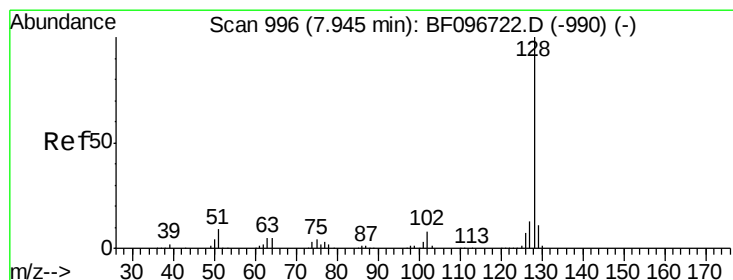
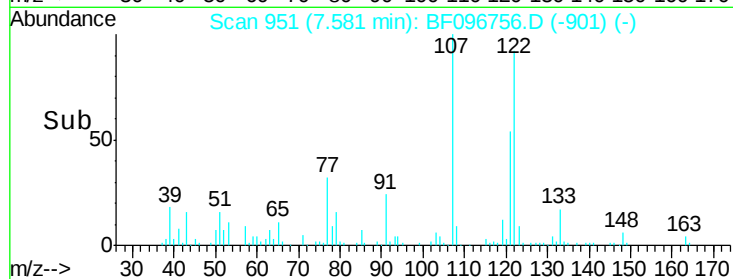
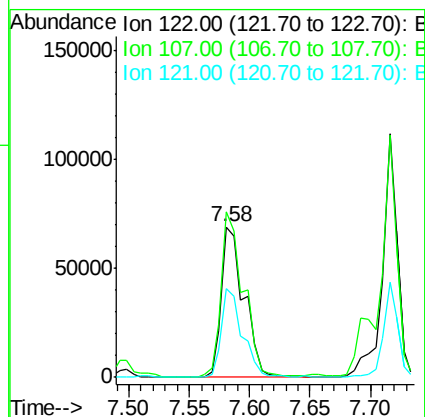
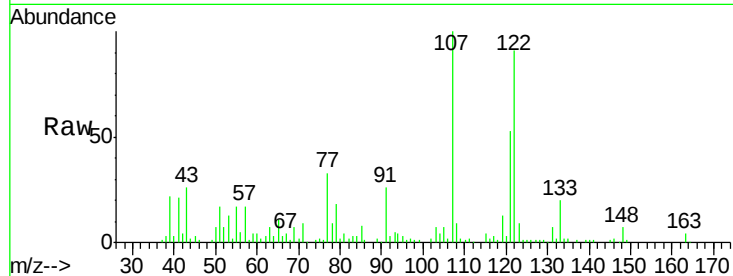
ClientSampleId :

E2-P6-BASE

Tgt	Ion:122	Resp:	90229
Ion	Ratio	Lower	Upper
122	100		
107	110.0	89.2	133.8
121	58.7	45.2	67.8

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#31

Naphthalene

Concen: 27.334 ng

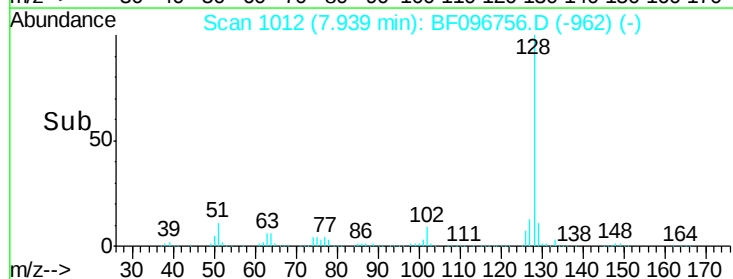
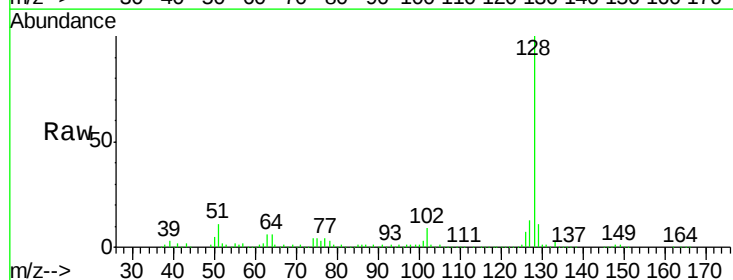
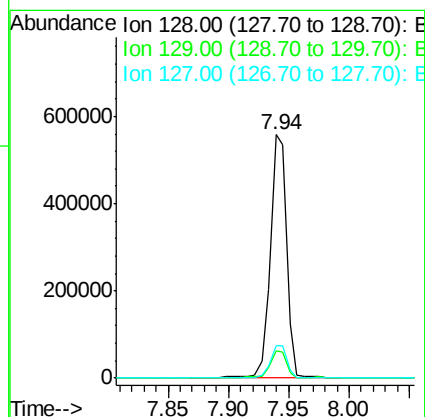
RT: 7.94 min Scan# 1012

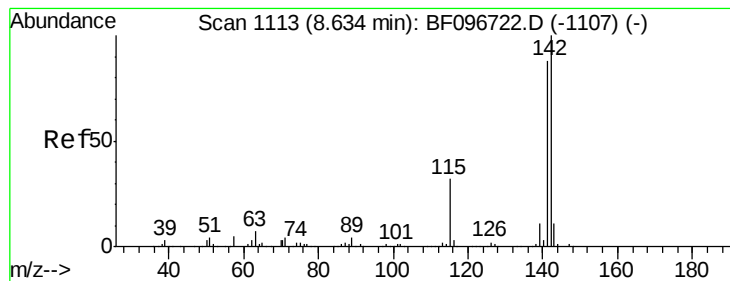
Delta R.T. -0.01 min

Lab File: BF096756.D

Acq: 14 Jul 2017 4:37

Tgt	Ion:128	Resp:	531305
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.4	10.8	16.2





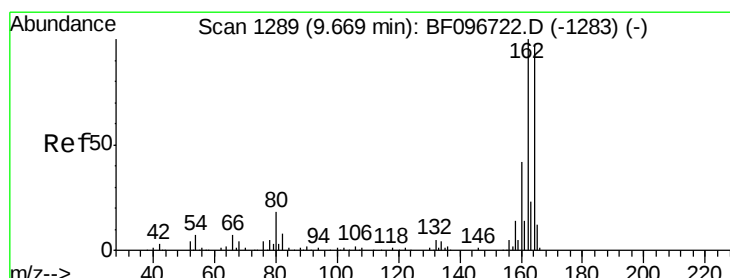
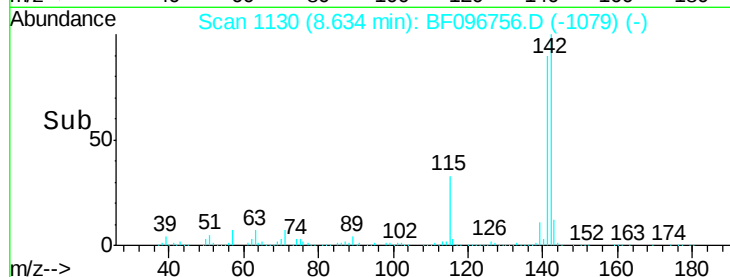
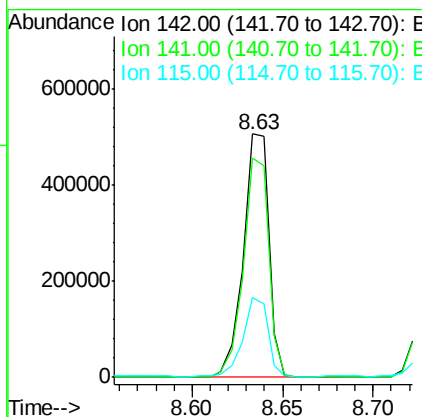
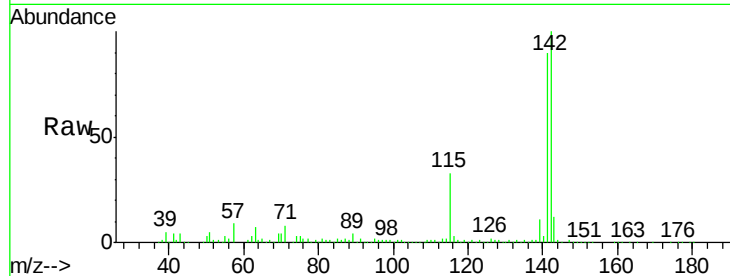
#37
 2-Methylnaphthalene
 Concen: 40.128 ng
 RT: 8.63 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF096756.D
 Acq: 14 Jul 2017 4:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-BASE

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	32.8	27.1	40.7

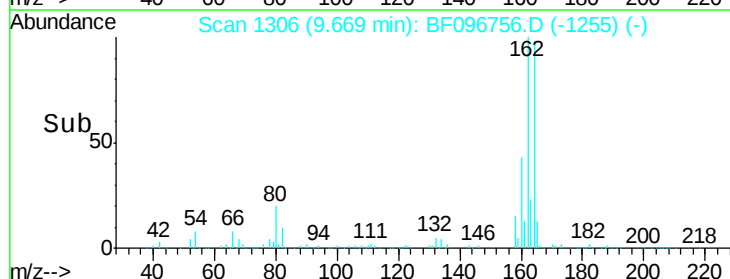
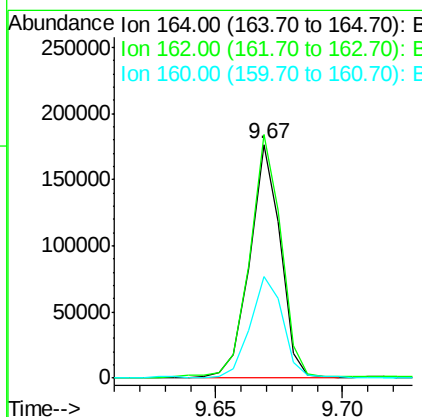
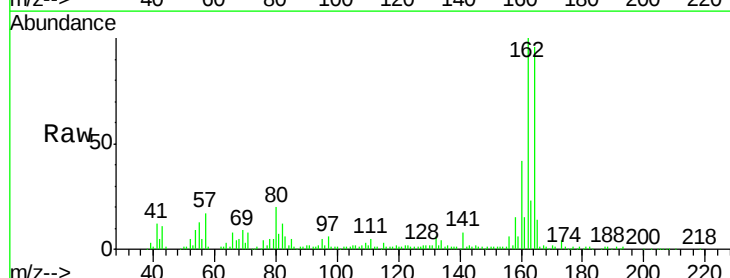
Manual Integrations
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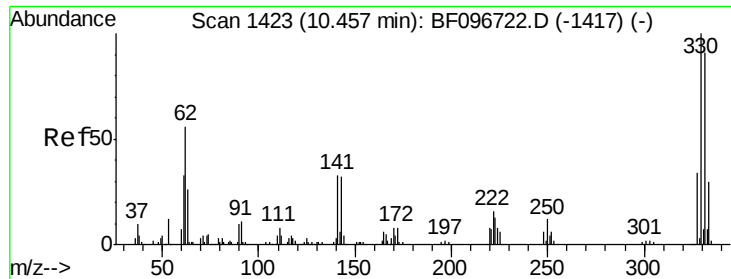
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096756.D
 Acq: 14 Jul 2017 4:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	43.7	36.2	54.2





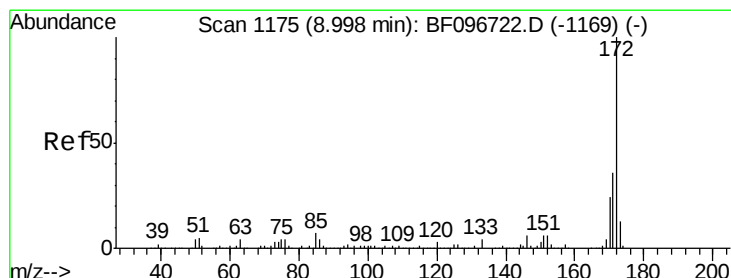
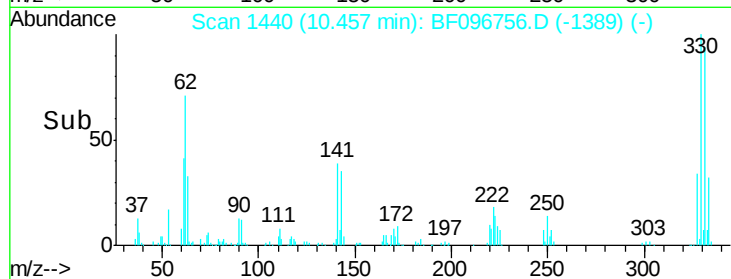
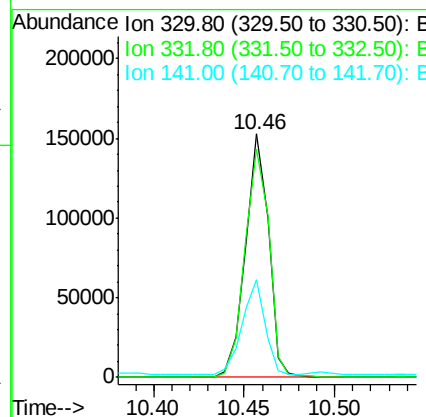
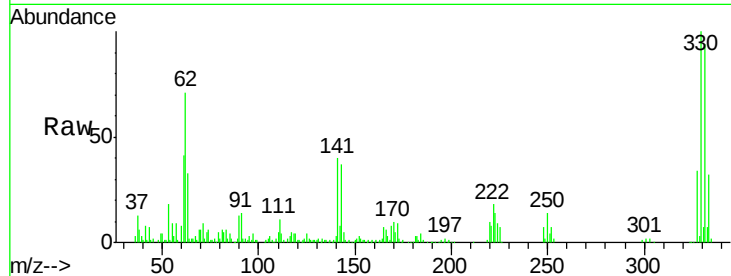
#41
 2,4,6-Tribromophenol
 Concen: 106.754 ng
 RT: 10.46 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096756.D
 Acq: 14 Jul 2017 4:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	135460		
332	98.9	76.6	115.0	
141	39.5	31.4	47.2	

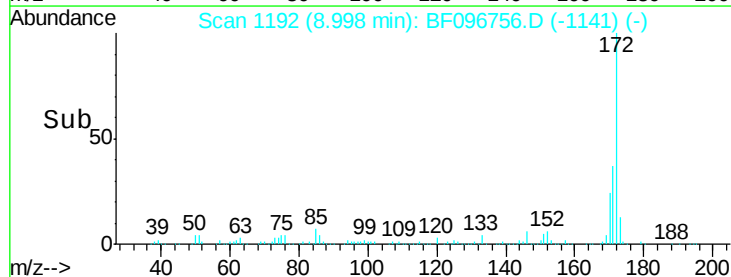
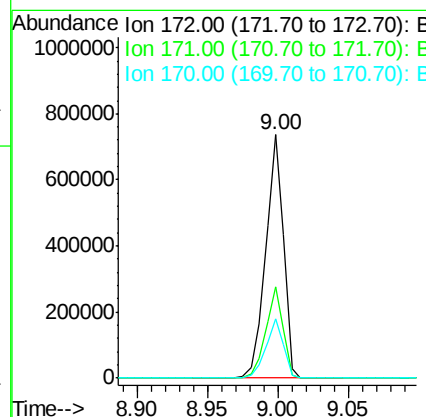
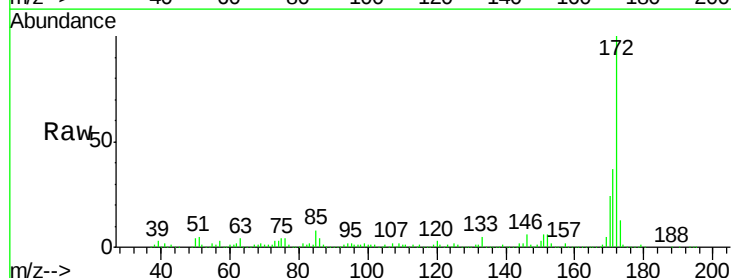
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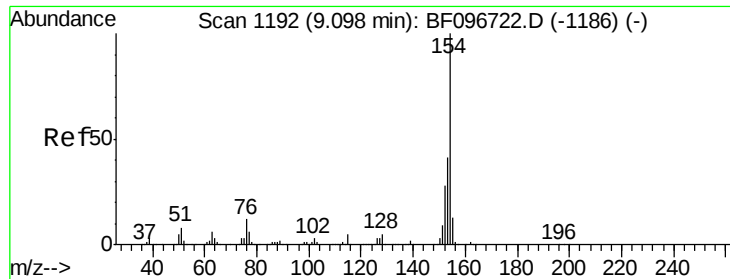
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 70.201 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096756.D
 Acq: 14 Jul 2017 4:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	660522		
171	37.4	29.6	44.4	
170	24.3	19.8	29.8	





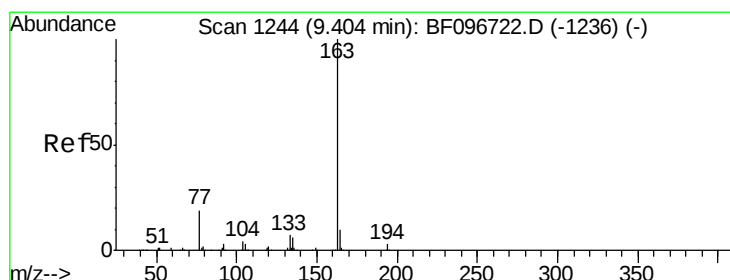
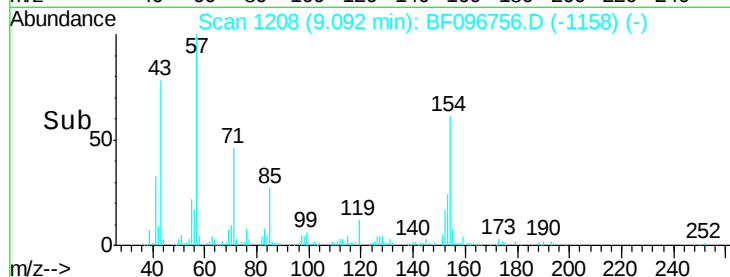
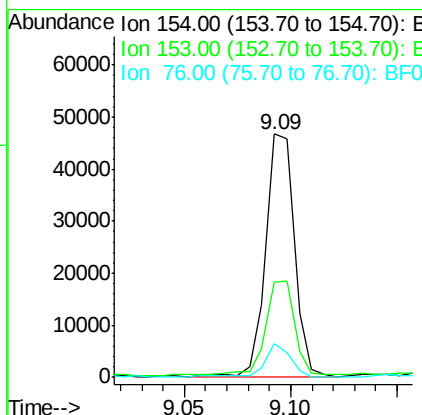
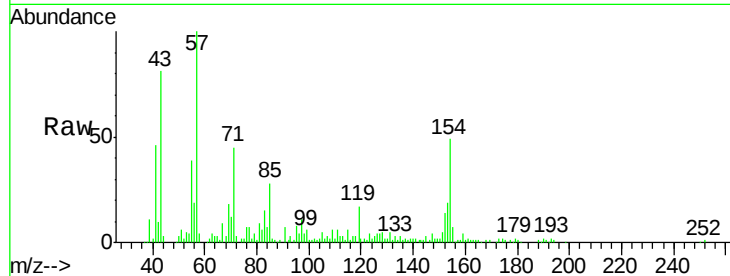
#45
1,1'-Biphenyl
Concen: 3.460 ng m
RT: 9.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Instrument :
BNA_F
ClientSampleId :
E2-P6-BASE

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.2	61.2
76	13.7	0.0	29.9

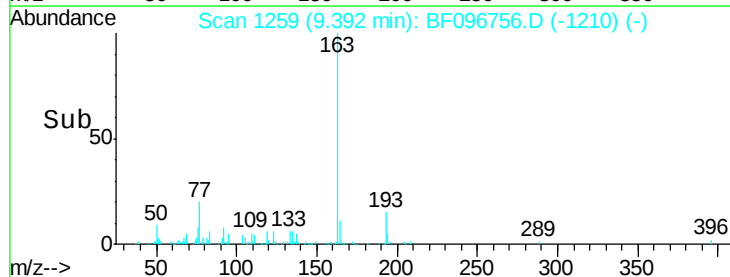
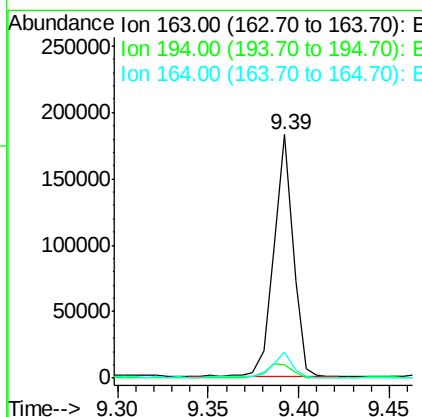
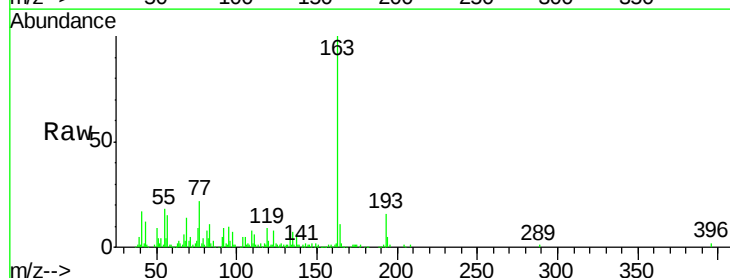
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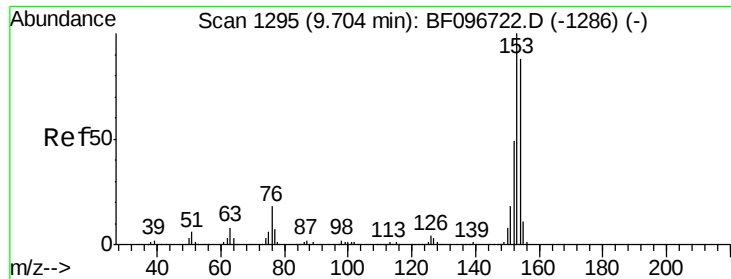
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#49
Dimethylphthalate
Concen: 12.156 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	2.6	4.0#
164	10.9	8.4	12.6





#51

Acenaphthene

Concen: 3.125 ng

RT: 9.70 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF096756.D

Acq: 14 Jul 2017 4:37

Instrument :

BNA_F

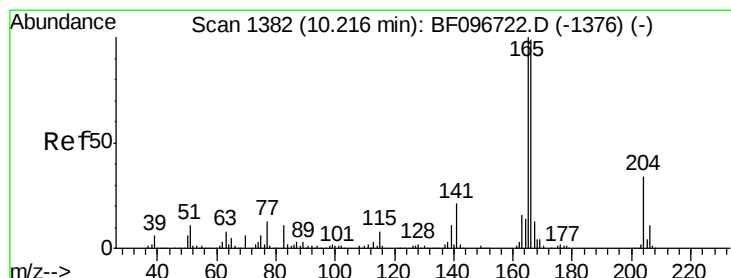
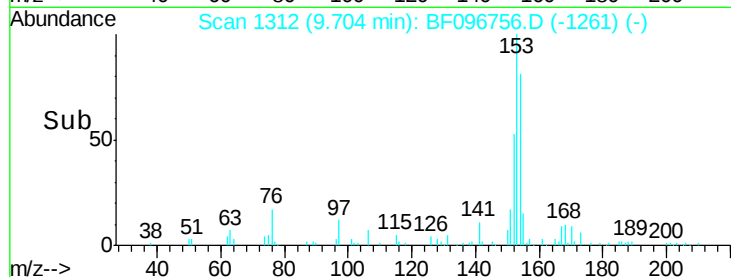
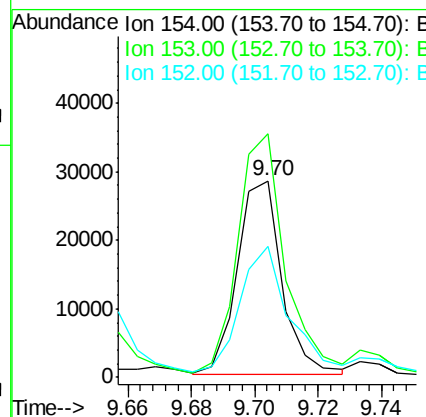
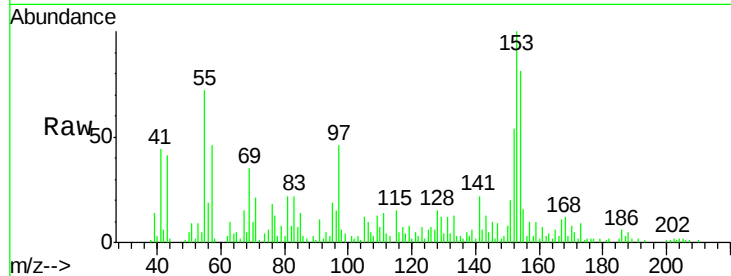
ClientSampleId :

E2-P6-BASE

Tgt Ion:	154	Resp:	27611
Ion Ratio	Lower	Upper	
154	100		
153	123.9	90.5	135.7
152	66.8	43.6	65.4#

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#57

Fluorene

Concen: 2.122 ng m

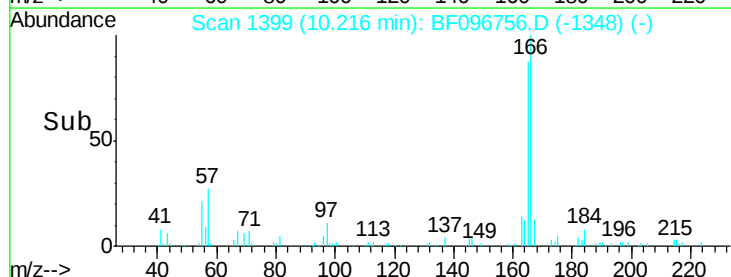
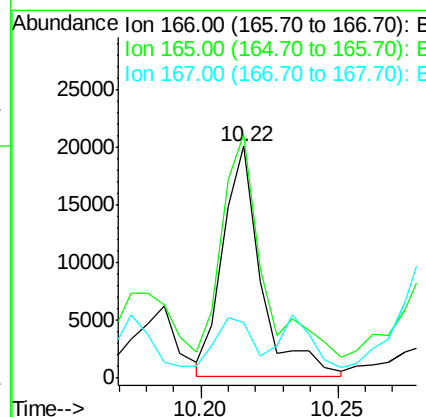
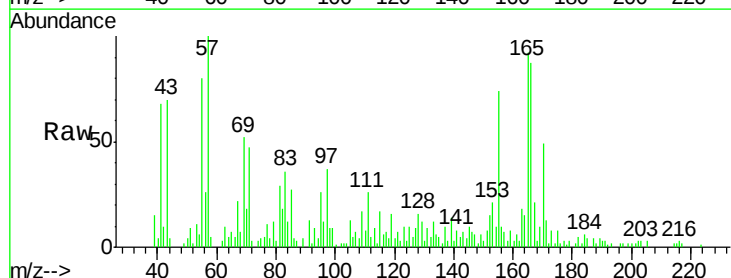
RT: 10.22 min Scan# 1399

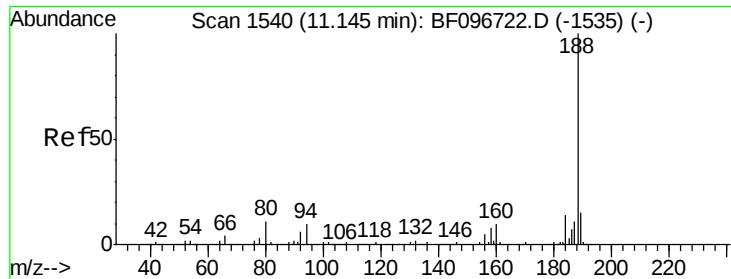
Delta R.T. 0.00 min

Lab File: BF096756.D

Acq: 14 Jul 2017 4:37

Tgt Ion:	166	Resp:	19419
Ion Ratio	Lower	Upper	
166	100		
165	105.1	78.8	118.2
167	24.0	10.6	16.0#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF096756.D

Acq: 14 Jul 2017 4:37

Instrument :

BNA_F

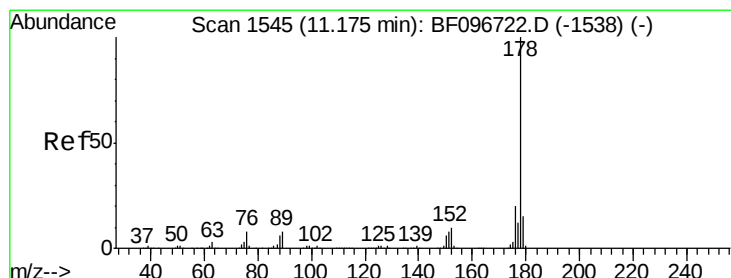
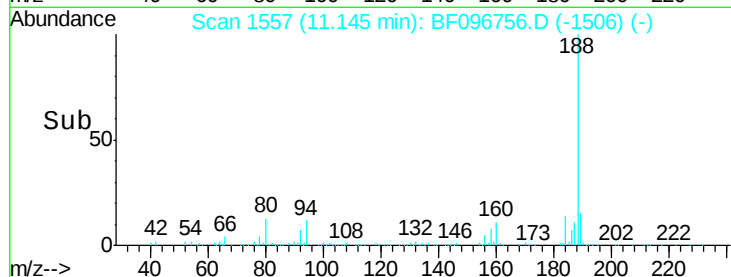
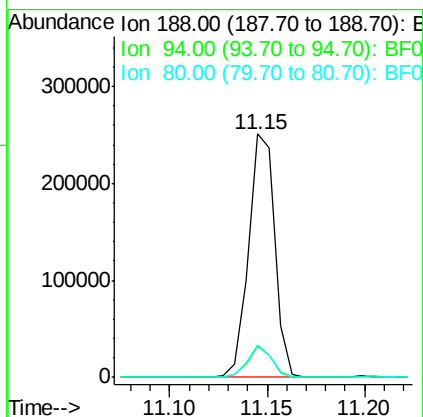
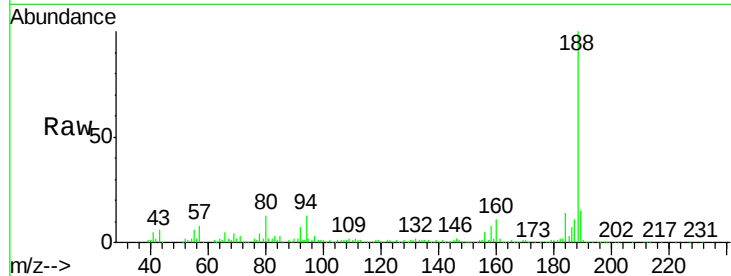
ClientSampleId :

E2-P6-BASE

Tgt Ion:	188	Resp:	232810
Ion Ratio	Lower	Upper	
188	100		
94	12.7	9.4	14.2
80	13.1	10.2	15.2

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#70

Phenanthrene

Concen: 3.038 ng

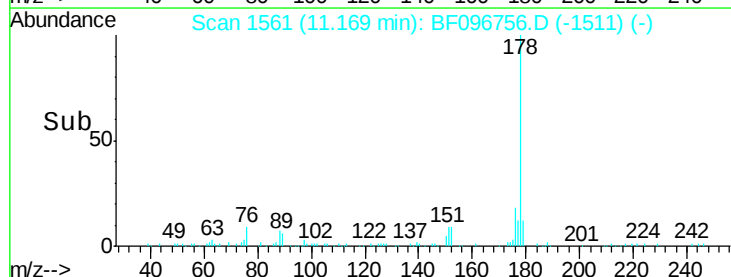
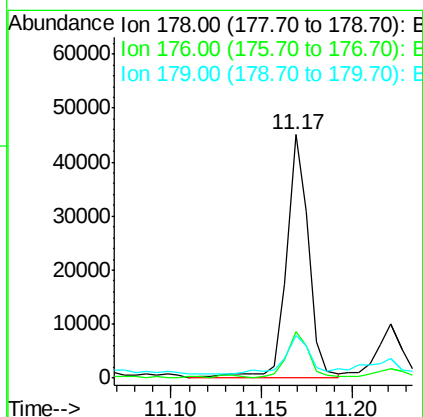
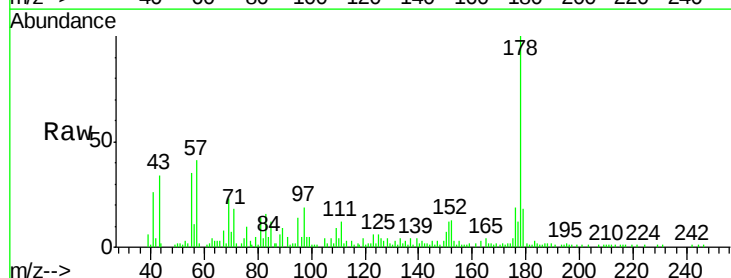
RT: 11.17 min Scan# 1561

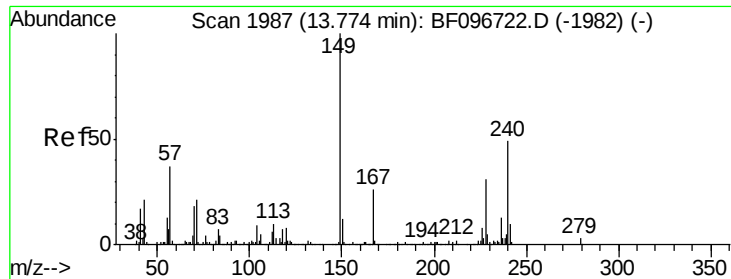
Delta R.T. -0.01 min

Lab File: BF096756.D

Acq: 14 Jul 2017 4:37

Tgt Ion:	178	Resp:	38456
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.2	24.4
179	17.7	12.6	19.0





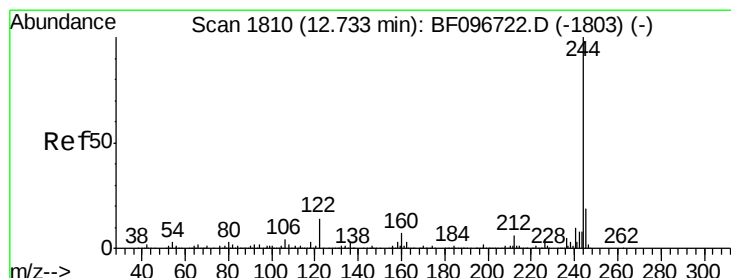
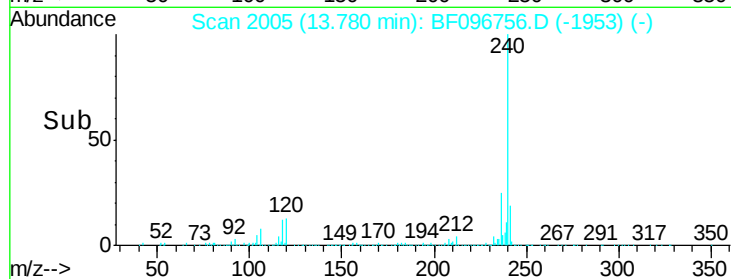
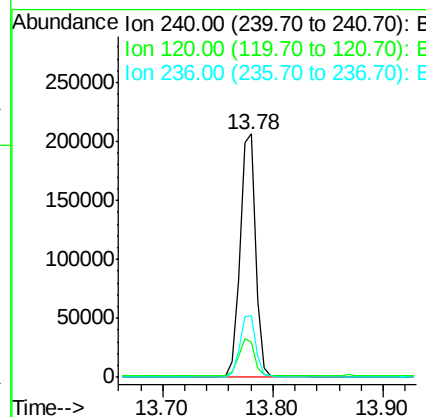
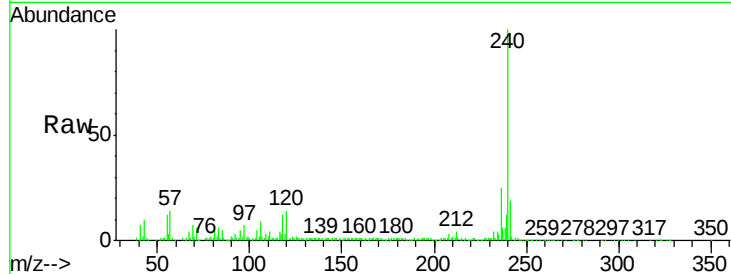
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Instrument :
BNA_F
ClientSampled :
E2-P6-BASE

Tgt Ion:240 Resp: 207341
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 25.4 20.5 30.7

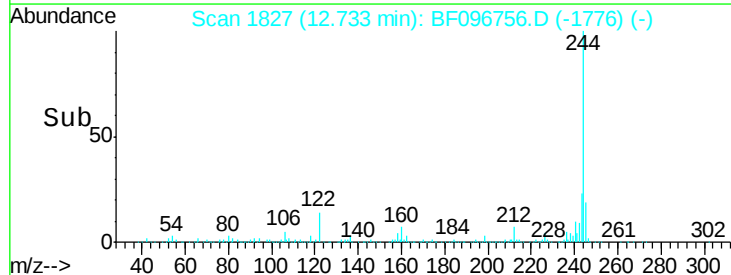
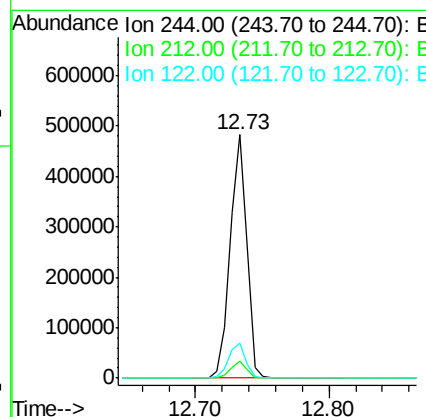
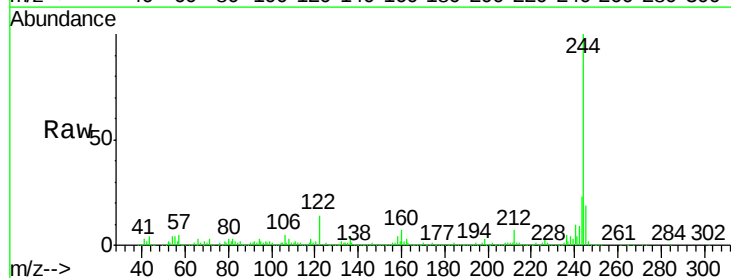
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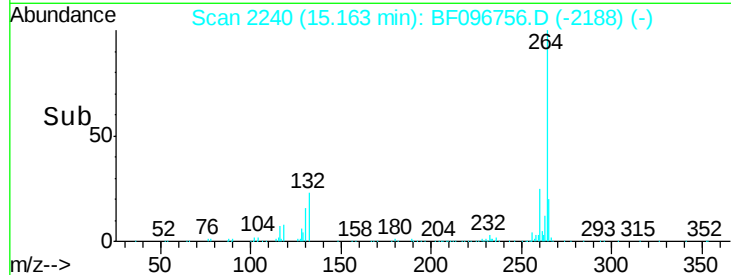
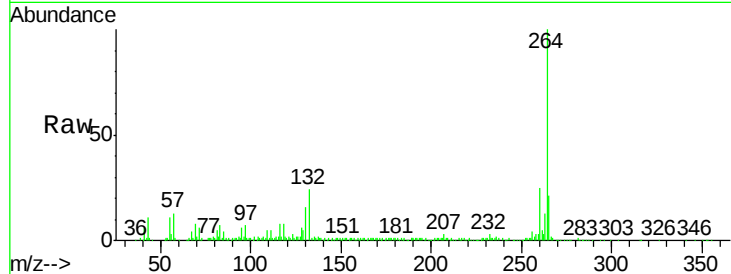
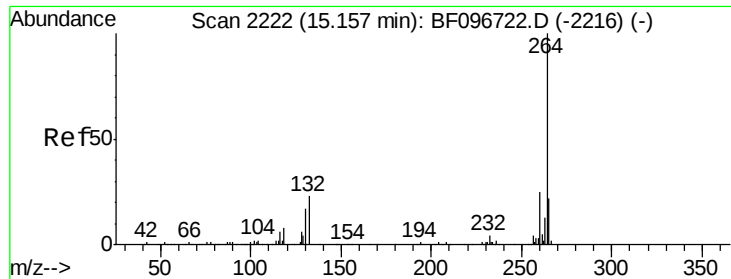
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#78
Terphenyl-d14
Concen: 35.647 ng
RT: 12.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Tgt Ion:244 Resp: 426181
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 14.4 10.3 15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF096756.D
Acq: 14 Jul 2017 4:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	20.7	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
E2-P6-BASE

Manual Integrations
APPROVED

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