

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
 Data File : BE093681.D
 Acq On : 5 Aug 2017 18:52
 Operator : SJ/JU
 Sample : I4427-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LASB-13A-1MS

Manual Integrations
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 8/7/2017 6:05:13 PM

Quant Time: Aug 06 03:28:31 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080117.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 02 10:58:31 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3014	0.40	ng	-0.01
7) Naphthalene-d8	10.71	136	14850	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	8686	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	19400	0.40	ng	0.00
27) Chrysene-d12	21.40	240	22253	0.40	ng	-0.01
34) Perylene-d12	23.91	264	19979	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.51	112	3232	0.36	ng	0.00
5) Phenol-d6	7.09	99	4982	0.37	ng	-0.01
8) Nitrobenzene-d5	9.06	82	4206	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6267	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	925	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8795	0.25	ng	-0.02
25) Fluoranthene-d10	19.27	212	61917	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	13975	0.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	1082	0.221	ng	# 48
3) n-Nitrosodimethylamine	3.74	42	1757	0.384	ng	# 89
6) bis(2-Chloroethyl)ether	7.34	93	3326	0.293	ng	# 91
9) Naphthalene	10.76	128	46272	0.269	ng	100
10) Hexachlorobutadiene	11.04	225	1400	0.220	ng	99
12) 2-Methylnaphthalene	12.36	142	7238	0.255	ng	97
16) Acenaphthylene	14.24	152	11209	0.270	ng	# 88
17) Acenaphthene	14.58	154	7129	0.243	ng	99
18) Fluorene	15.56	166	9064	0.232	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	1324	0.173	ng	# 86
21) Hexachlorobenzene	16.58	284	1387	0.210	ng	# 100
22) Pentachlorophenol	16.91	266	2892	0.914	ng	95
23) Phenanthrene	17.27	178	11730m	0.275	ng	
24) Anthracene	17.36	178	17162m	0.294	ng	
26) Fluoranthene	19.30	202	19355	0.285	ng	98
28) Pyrene	19.66	202	19679	0.274	ng	# 97
30) Benzo(a)anthracene	21.39	228	17080	0.261	ng	95
31) Chrysene	21.45	228	16393	0.225	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	58656	0.658	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	15444	0.234	ng	94
35) Benzo(b)fluoranthene	23.14	252	16284m	0.228	ng	
36) Benzo(k)fluoranthene	23.19	252	15387	0.211	ng	99
37) Benzo(a)pyrene	23.80	252	14500	0.224	ng	98
38) Dibenzo(a,h)anthracene	26.57	278	12263	0.197	ng	94
39) Benzo(g,h,i)perylene	27.36	276	12980	0.205	ng	97

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

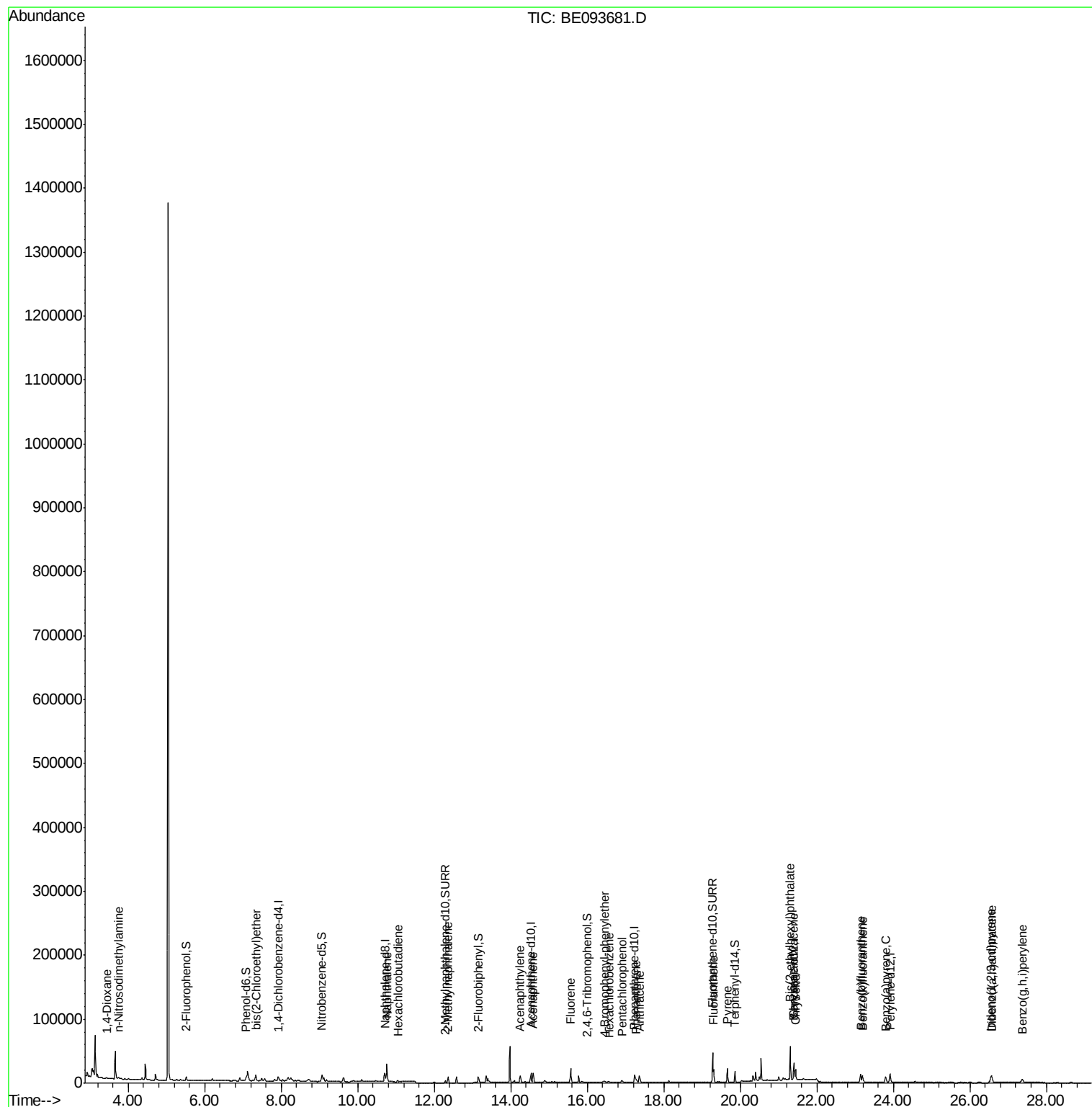
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080517\
Data File : BE093681.D
Acq On : 5 Aug 2017 18:52
Operator : SJ/JU
Sample : I4427-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

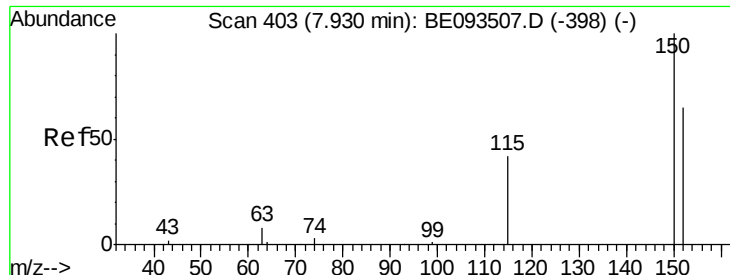
Instrument :
BNA_E
ClientSampleId :
LASB-13A-1MS

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Quant Time: Aug 06 03:28:31 2017
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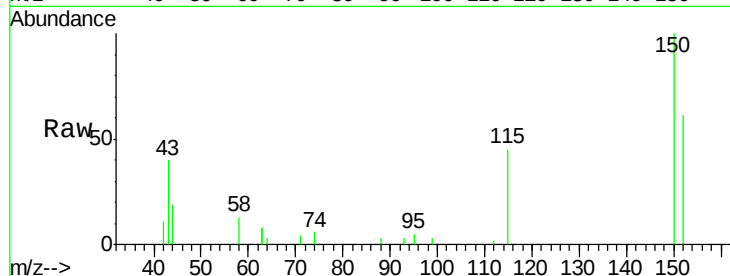
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BE093681.D
 Acq: 5 Aug 2017 18:52

Instrument :
 BNA_E
 ClientSampleId :
 LASB-13A-1MS

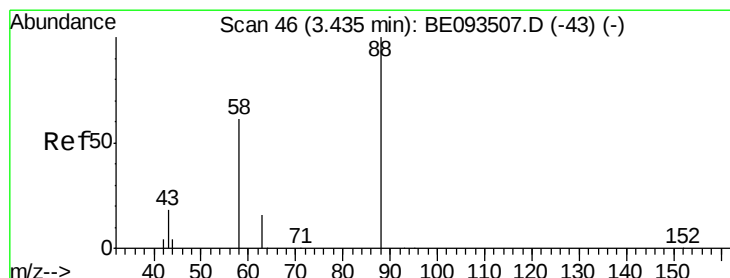
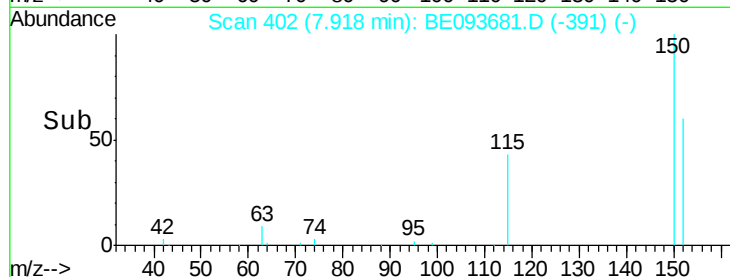
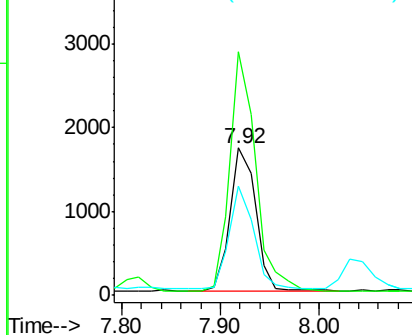
Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.3	125.1	187.7
115	74.6	55.7	83.5

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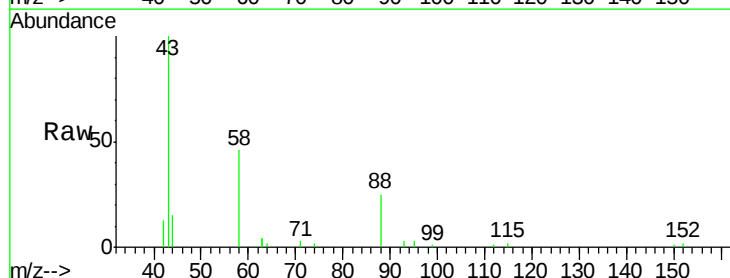


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

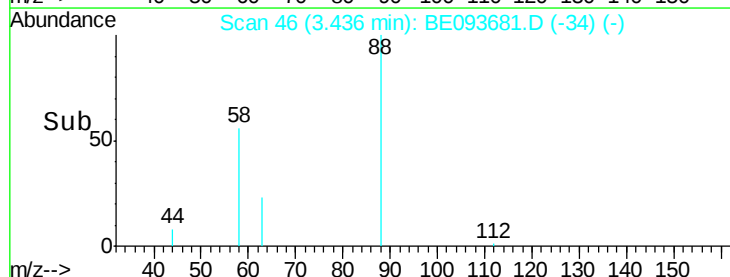
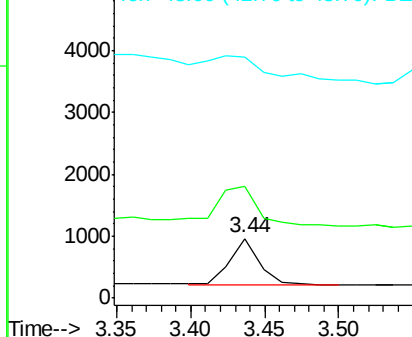


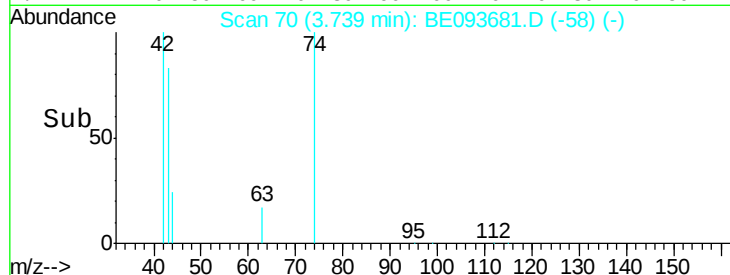
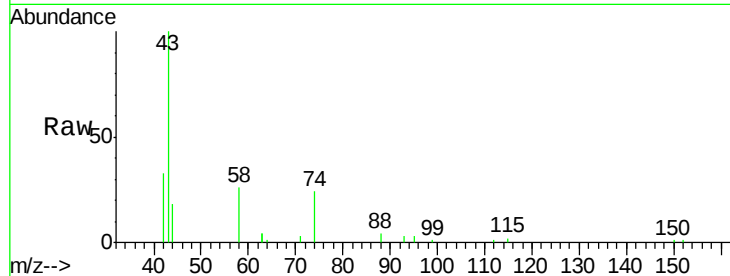
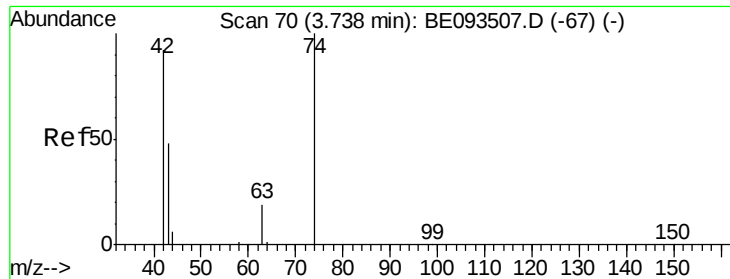
#2
 1,4-Dioxane
 Concen: 0.221 ng
 RT: 3.44 min Scan# 46
 Delta R.T. 0.00 min
 Lab File: BE093681.D
 Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	122.5	62.2	93.4#
43	0.0	23.2	34.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0





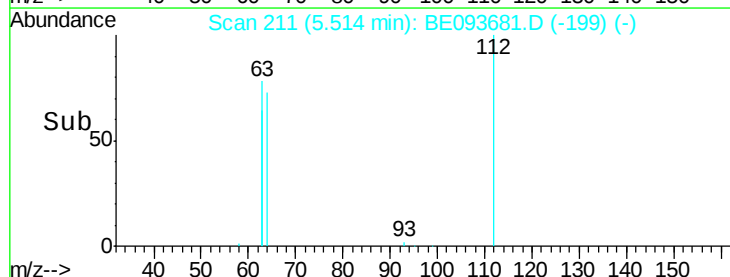
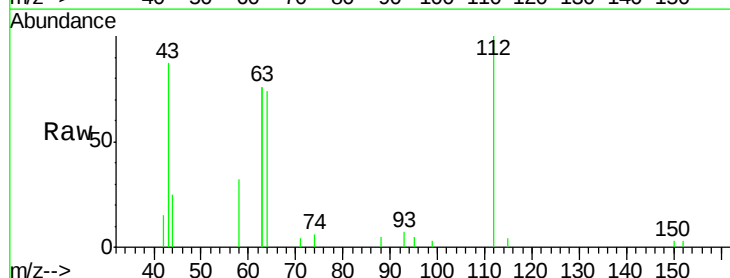
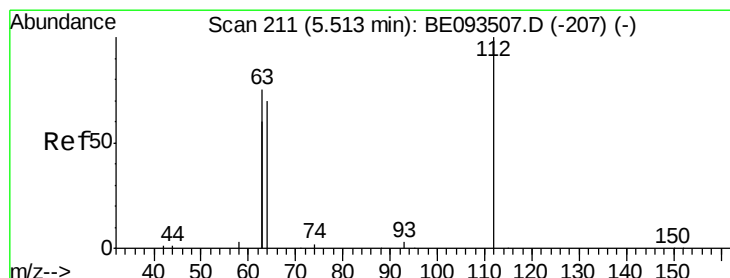
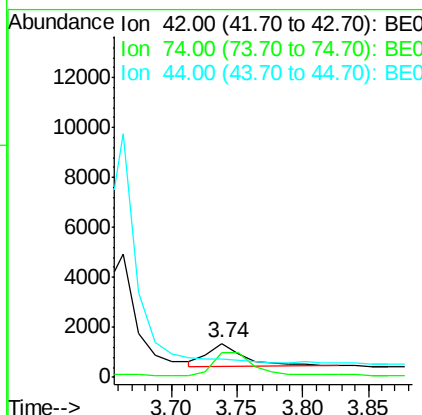
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.6	99.1	148.7
44	0.0	7.4	11.2#

Instrument :
BNA_E
ClientSampleId :
LASB-13A-1MS

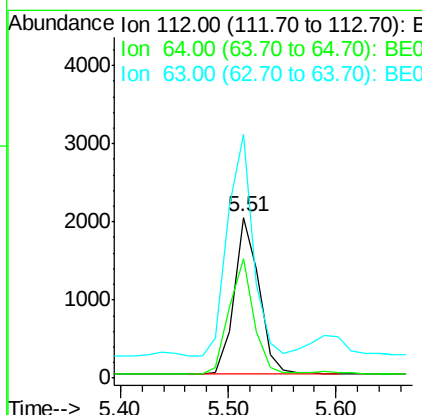
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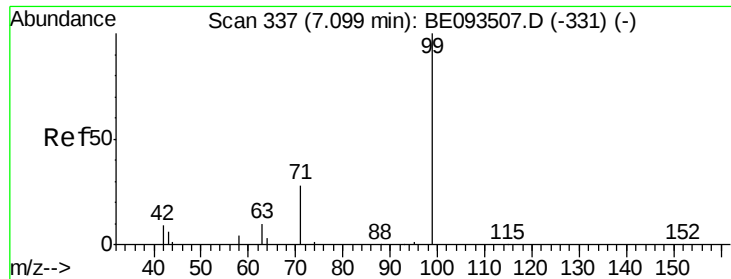
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#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.4	84.6
63	141.0	29.3	43.9#





#5

Phenol-d6

Concen: 0.369 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Instrument :

BNA_E

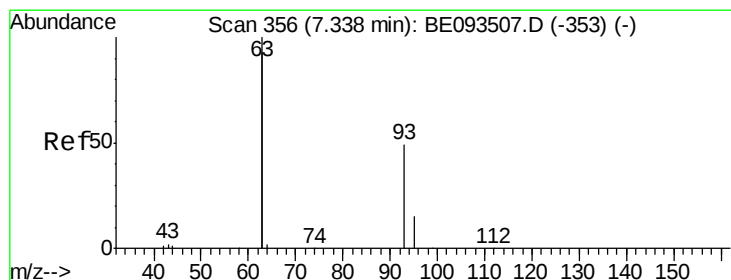
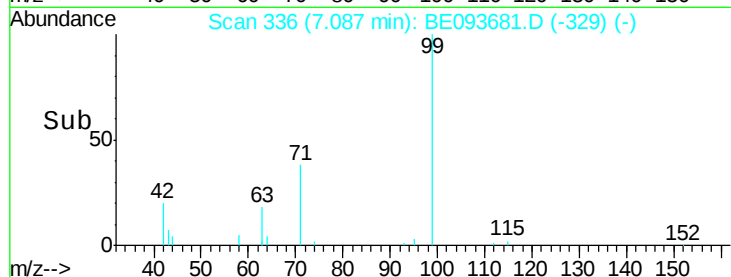
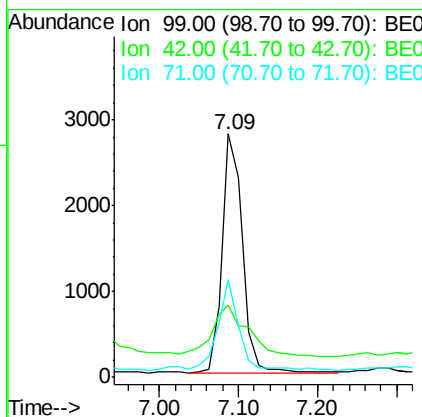
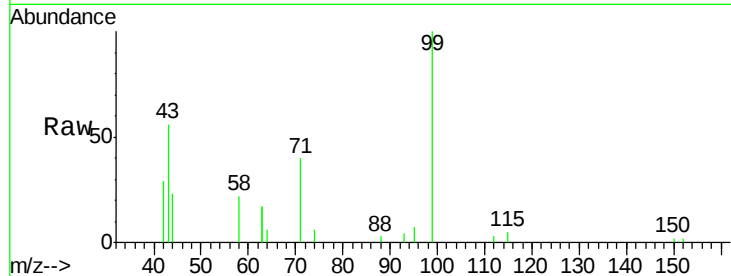
ClientSampleId :

LASB-13A-1MS

Tgt Ion:	99	Resp:	4982
Ion	Ratio	Lower	Upper
99	100		
42	37.1	0.0	0.0#
71	39.6	0.0	0.0#

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#6

bis(2-Chloroethyl)ether

Concen: 0.293 ng

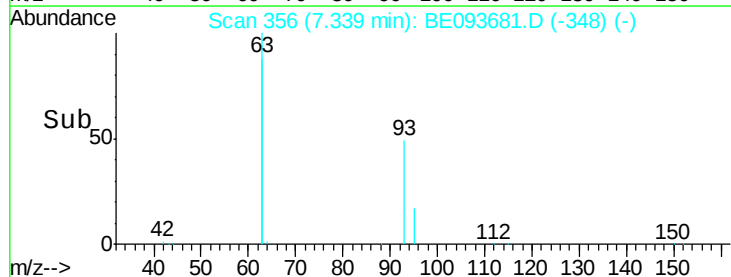
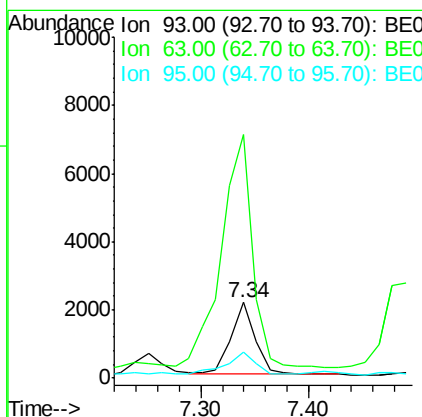
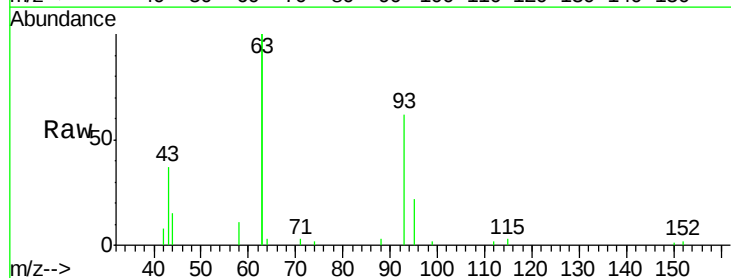
RT: 7.34 min Scan# 356

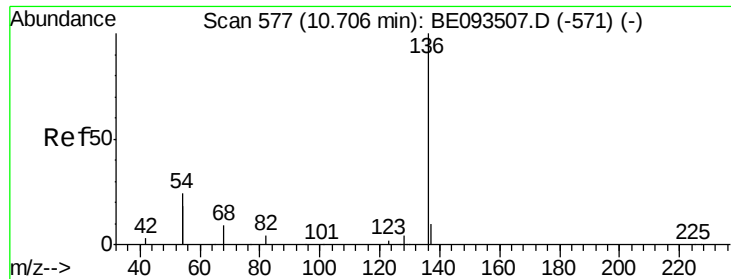
Delta R.T. 0.00 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Tgt Ion:	93	Resp:	3326
Ion	Ratio	Lower	Upper
93	100		
63	407.4	0.0	0.0#
95	36.9	25.4	38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Instrument :

BNA_E

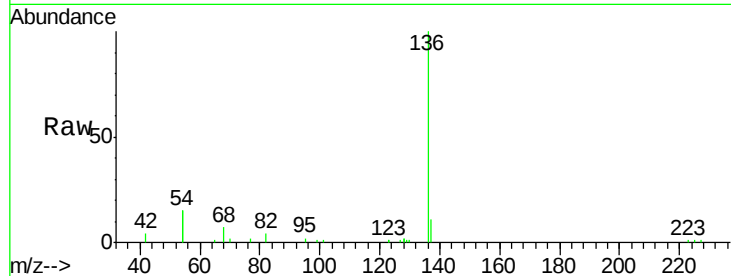
ClientSampleId :

LASB-13A-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	14850		
137	11.4	9.8	14.8	
54	30.5	10.3	15.5#	
68	6.8	9.0	13.4#	

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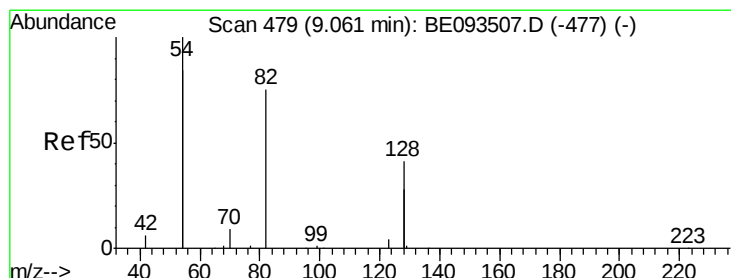
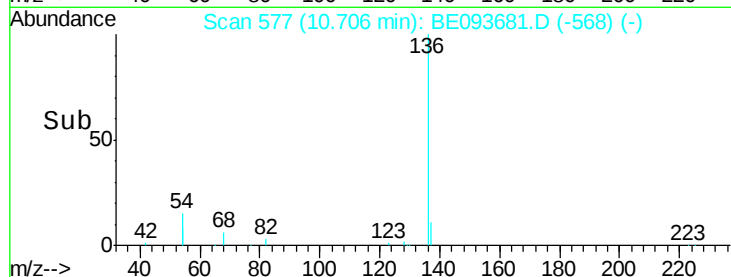
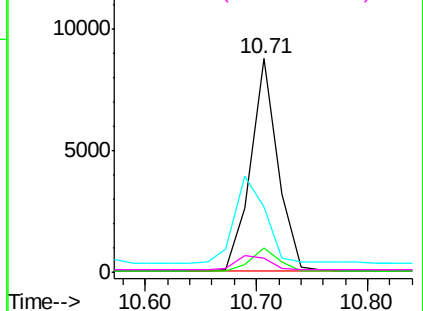


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.371 ng

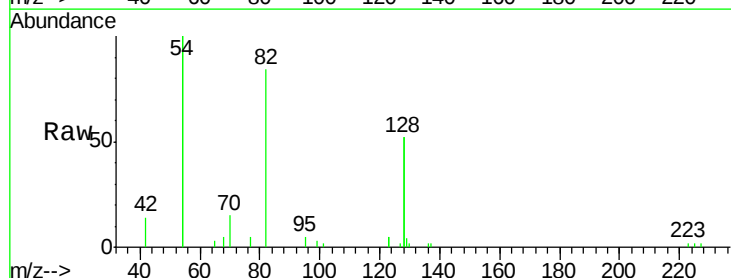
RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

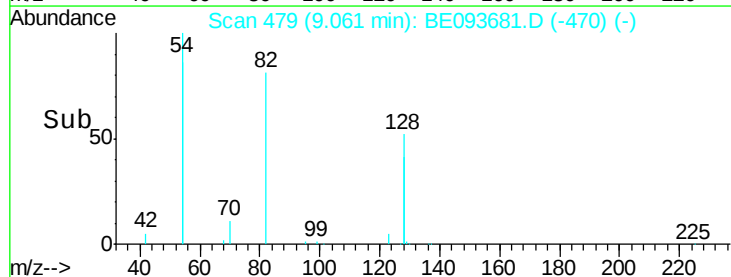
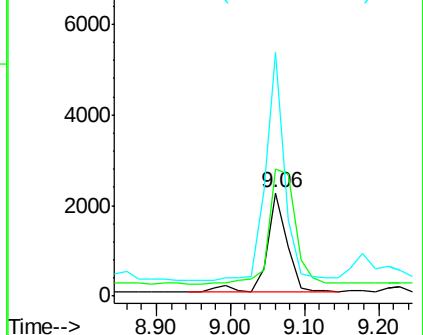
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	4206		
128	123.1	17.0	25.4#	
54	236.7	53.8	80.6#	

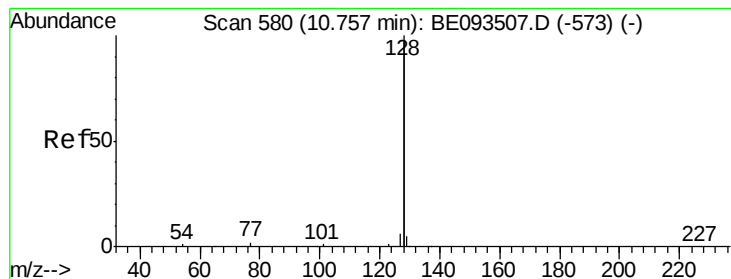


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.269 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Instrument :

BNA_E

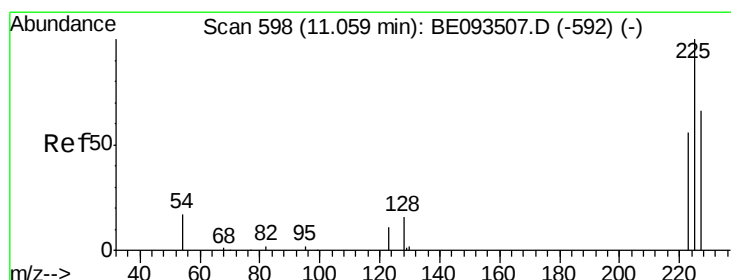
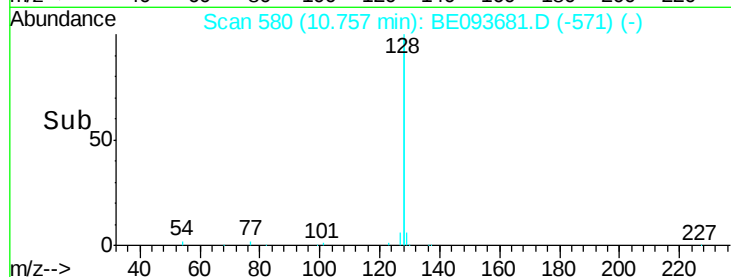
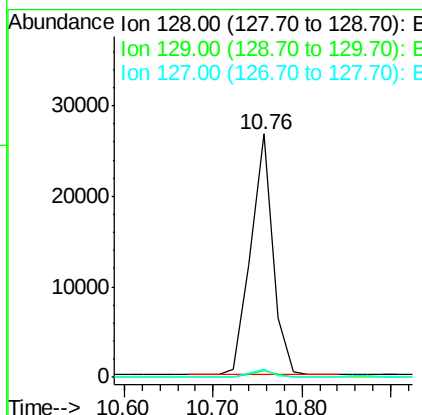
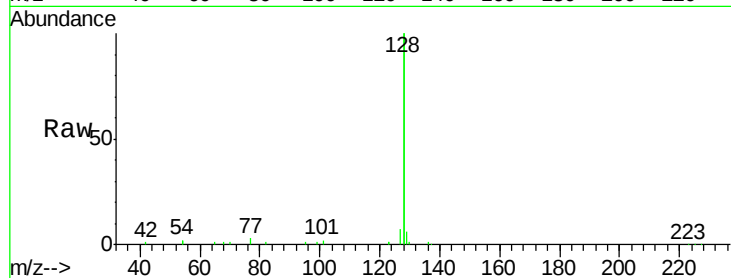
ClientSampleId :

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Tgt Ion:	128	Resp:	46272
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.4	3.6
127	3.3	2.4	3.6

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#10

Hexachlorobutadiene

Concen: 0.220 ng

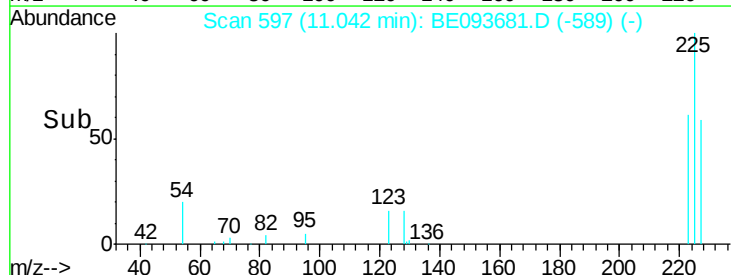
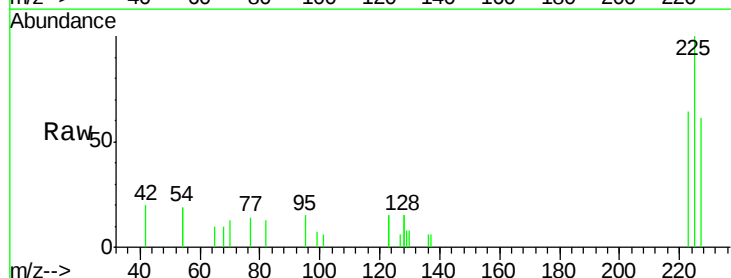
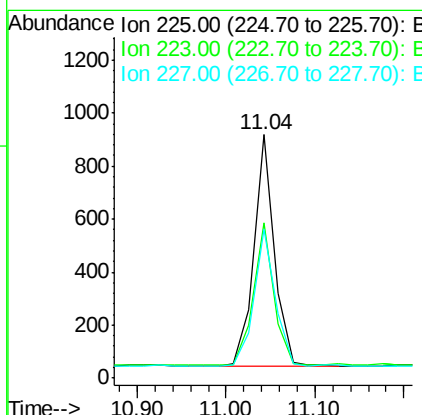
RT: 11.04 min Scan# 597

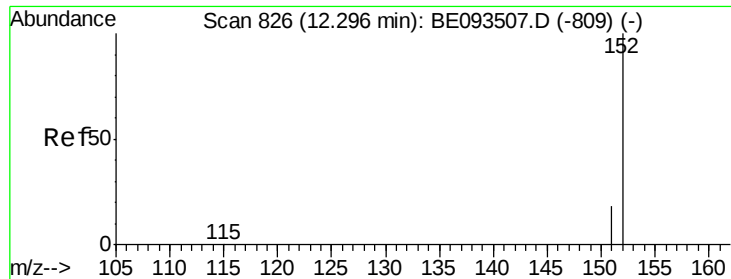
Delta R.T. -0.02 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Tgt Ion:	225	Resp:	1400
Ion Ratio	Lower	Upper	
225	100		
223	61.5	49.7	74.5
227	62.0	50.3	75.5





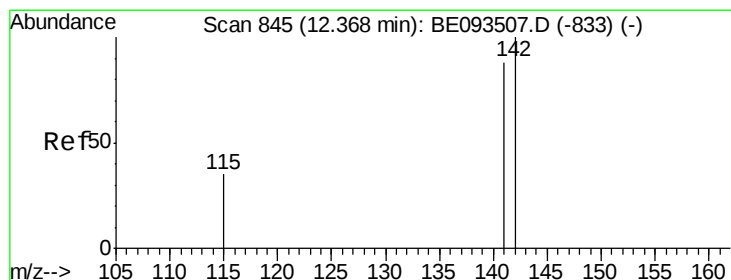
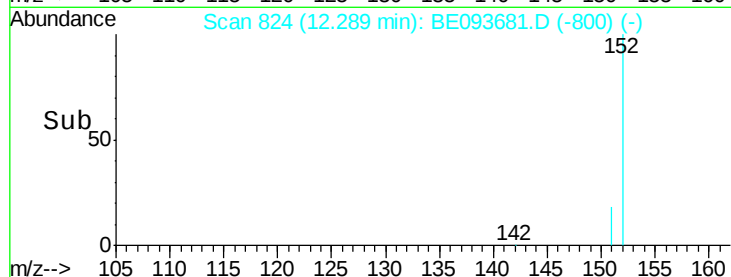
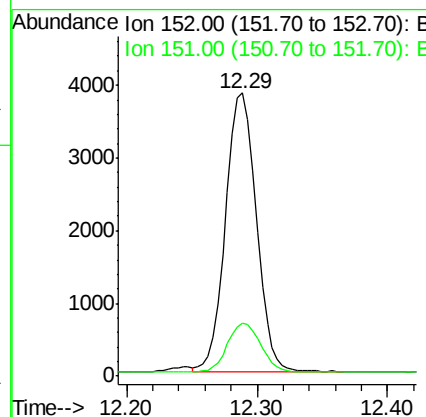
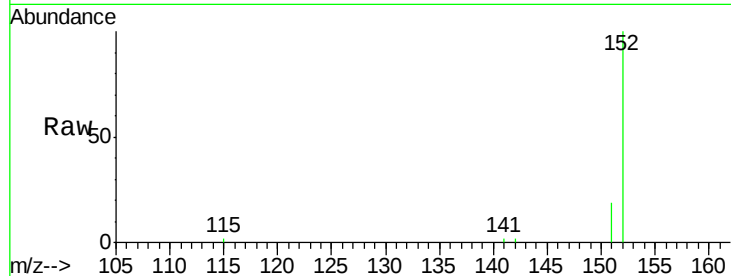
#11
 2-Methylnaphthalene-d10
 Concen: 0.267 ng
 RT: 12.29 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE093681.D
 Acq: 5 Aug 2017 18:52

Instrument :
 BNA_E
 ClientSampleId :
 LASB-13A-1MS

Tgt Ion:152 Resp: 6267
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.1 22.7

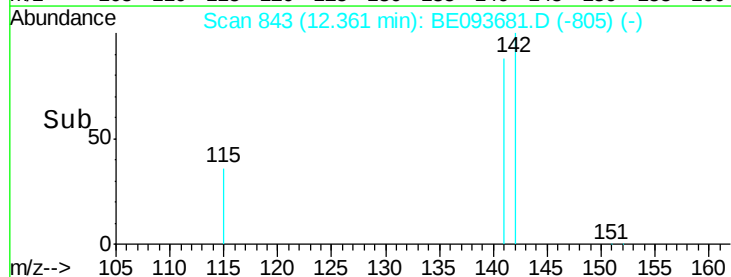
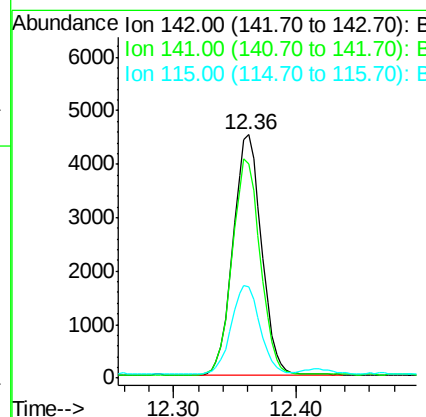
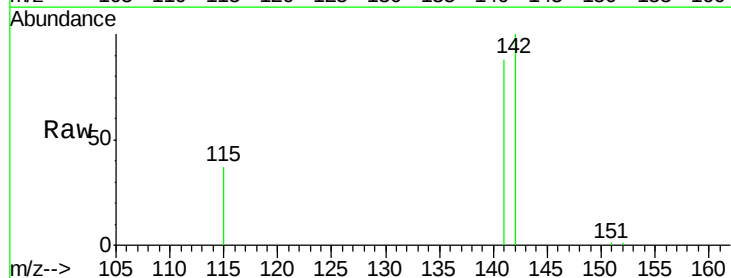
Manual Integrations
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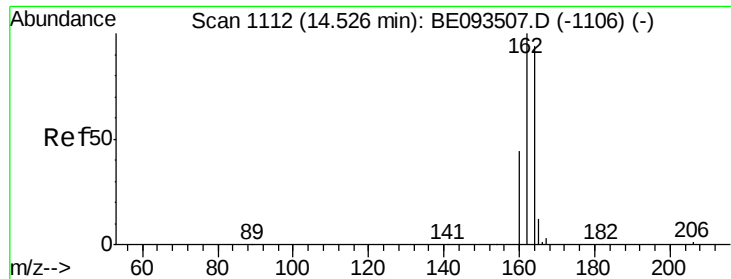
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#12
 2-Methylnaphthalene
 Concen: 0.255 ng
 RT: 12.36 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BE093681.D
 Acq: 5 Aug 2017 18:52

Tgt Ion:142 Resp: 7238
 Ion Ratio Lower Upper
 142 100
 141 88.0 72.6 108.8
 115 37.3 32.2 48.2





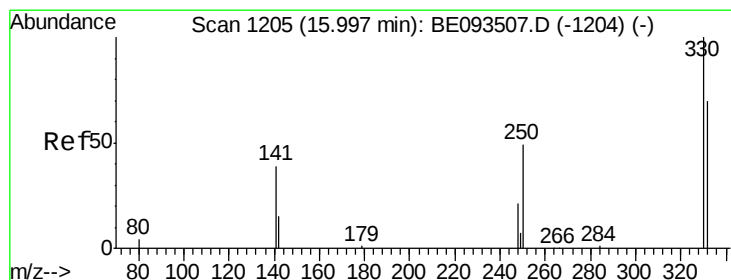
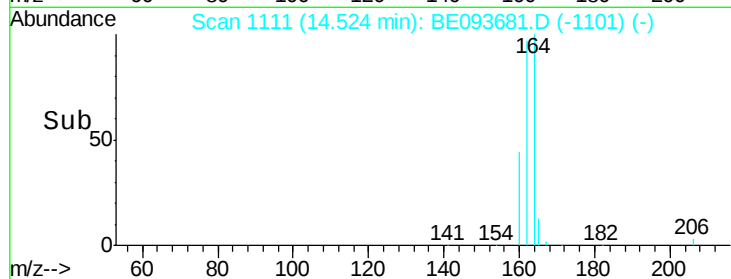
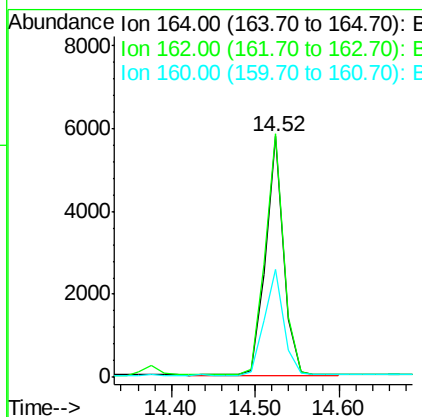
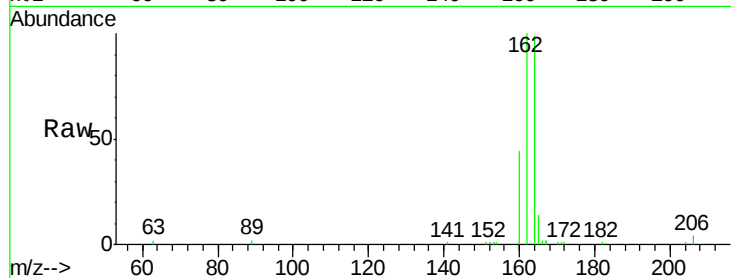
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BE093681.D
 Acq: 5 Aug 2017 18:52

Instrument :
 BNA_E
 ClientSampleId :
 LASB-13A-1MS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	84.6	127.0
160	44.8	41.8	62.6

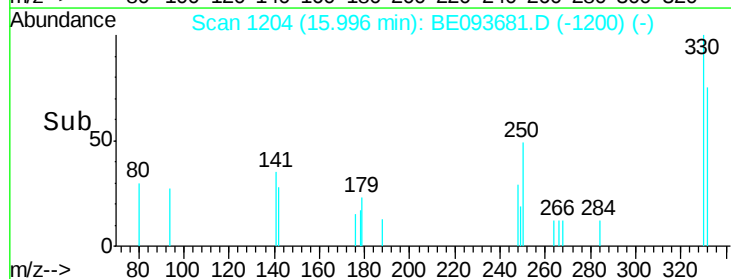
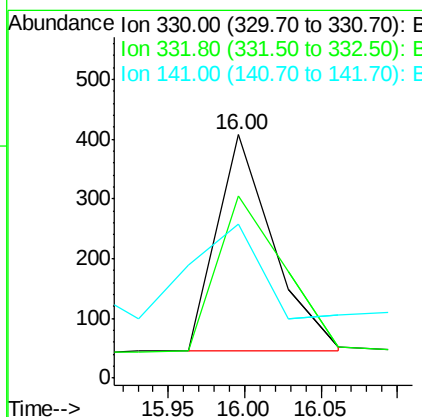
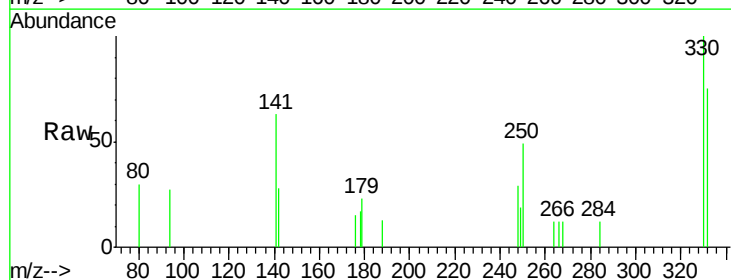
Manual Integrations
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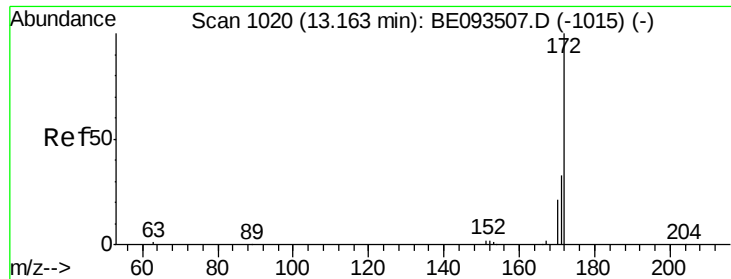
Sohil
 8/7/2017 6:05:13 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.462 ng
 RT: 16.00 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BE093681.D
 Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	85.6	77.7	116.5
141	52.9	56.2	84.4#





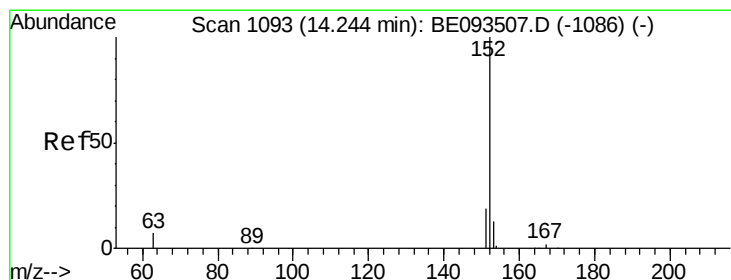
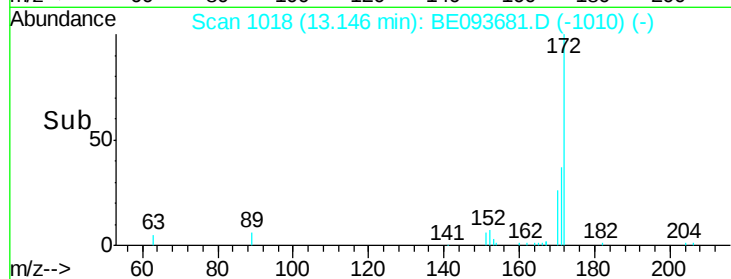
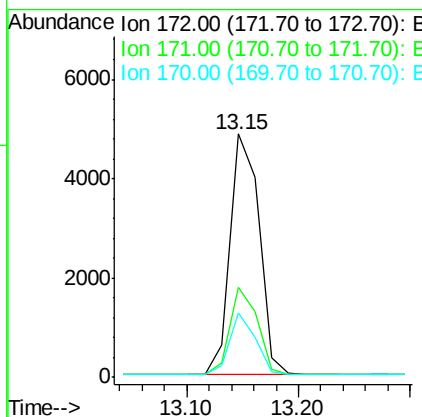
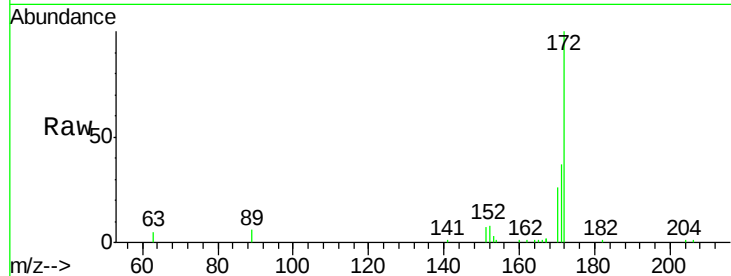
#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 13.15 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Instrument :
BNA_E
ClientSampleId :
LASB-13A-1MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	26.3	20.7	31.1

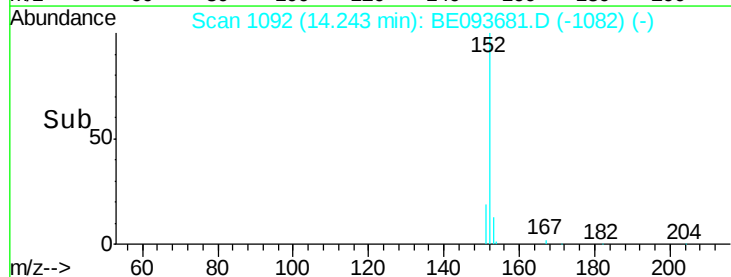
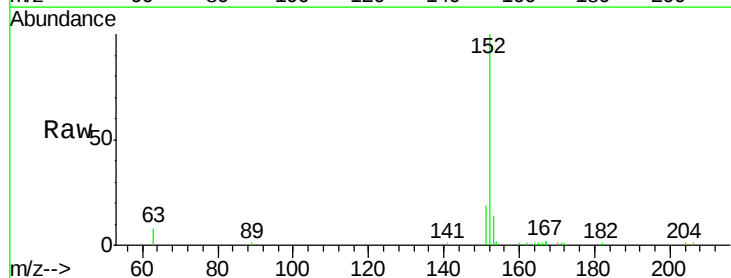
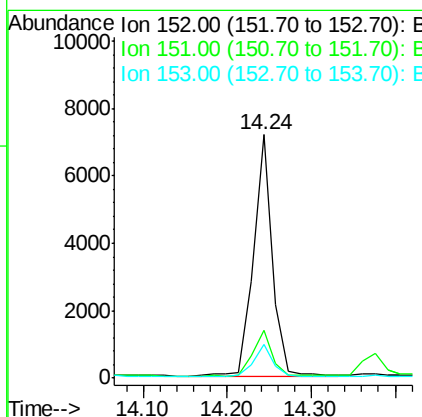
Manual Integrations
APPROVED

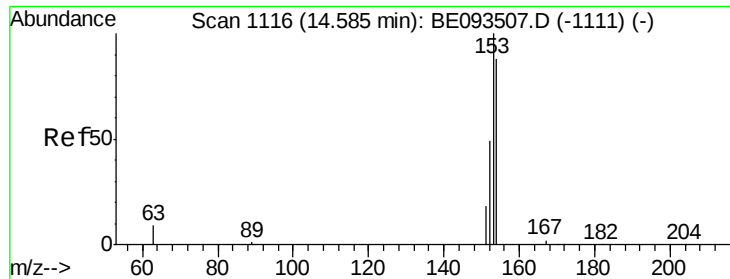
Sohil
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#16
Acenaphthylene
Concen: 0.270 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	4.0	6.0#
153	13.1	10.3	15.5





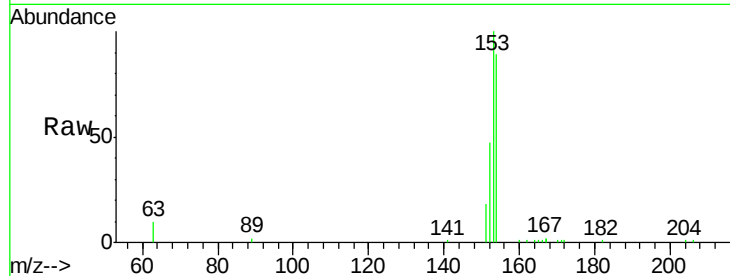
#17
Acenaphthene
Concen: 0.243 ng
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Instrument :
BNA_E
ClientSampleId :
LASB-13A-1MS

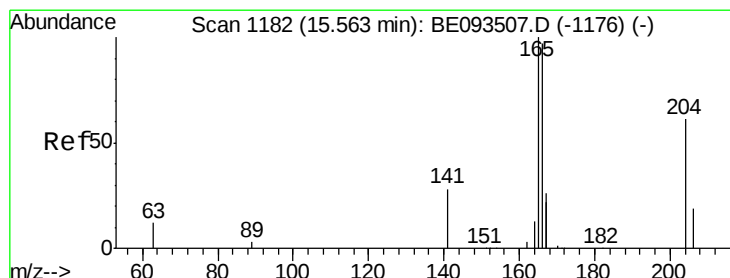
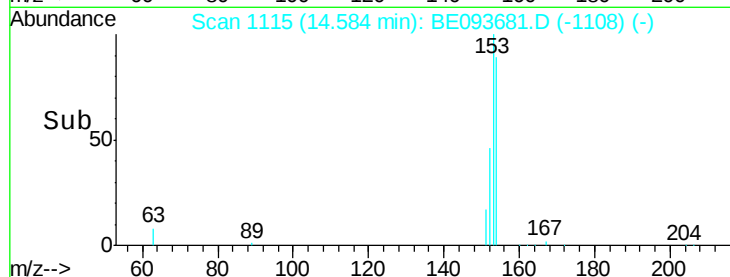
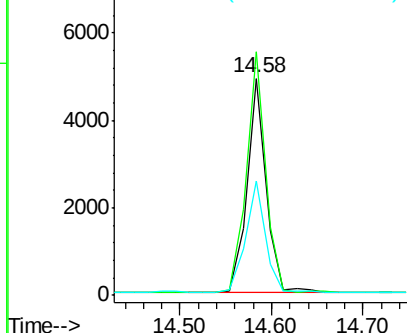
Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	53.5	44.8	67.2

Manual Integrations
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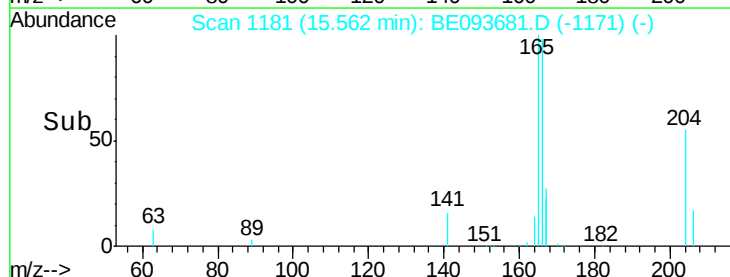
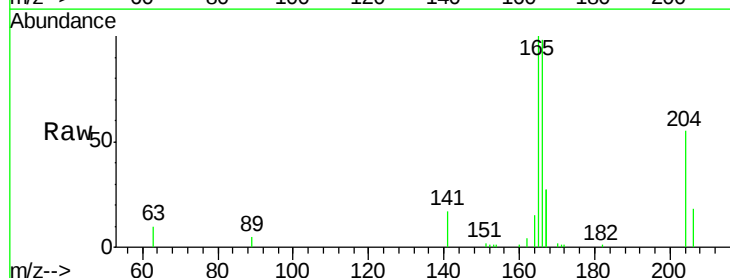
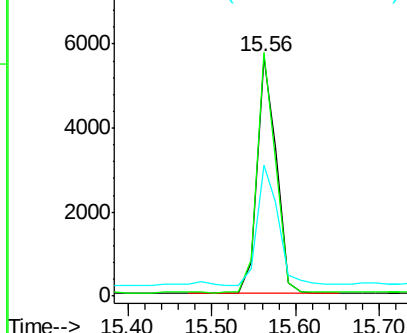
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

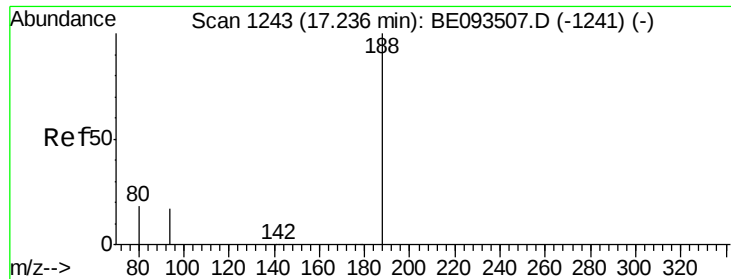


#18
Fluorene
Concen: 0.232 ng
RT: 15.56 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	54.8	11.1	16.7#

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





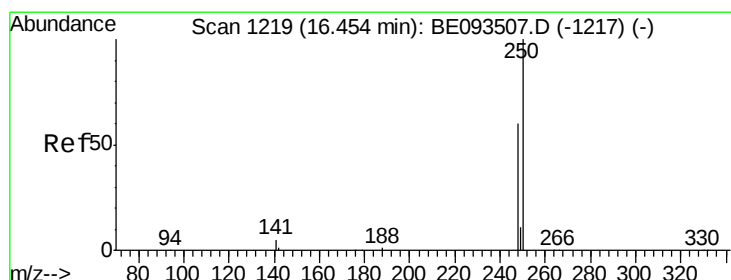
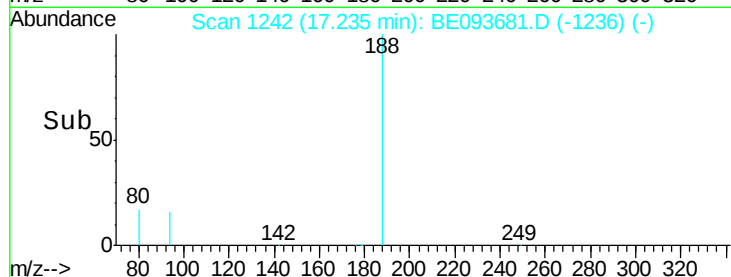
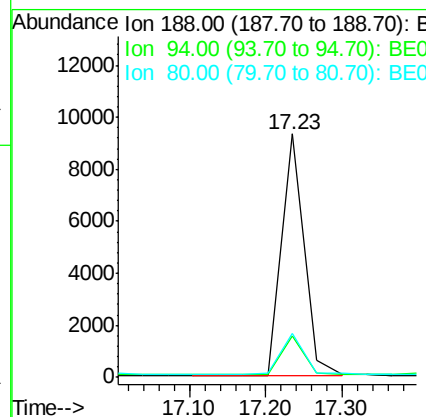
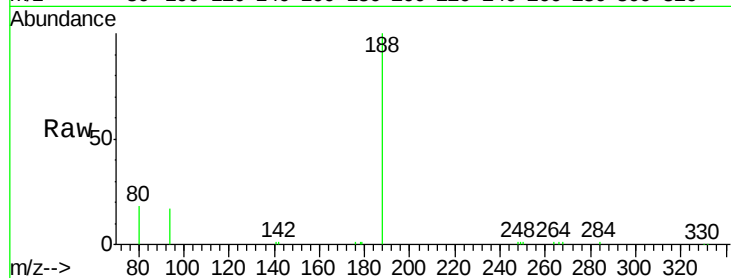
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Instrument :
BNA_E
ClientSampleId :
LASB-13A-1MS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	17.1	11.3	16.9#
80	18.2	11.7	17.5#

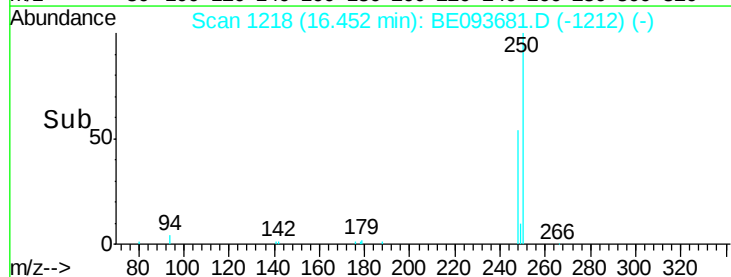
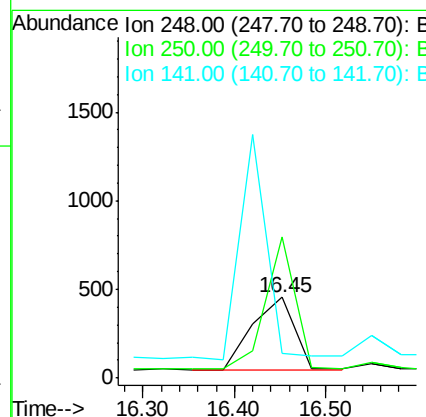
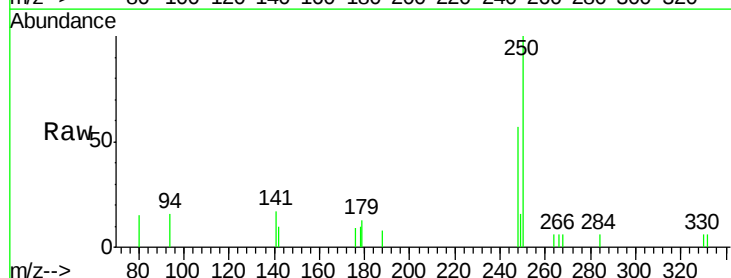
Manual Integrations
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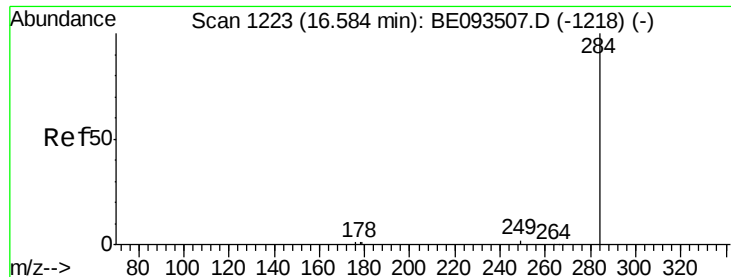
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#20
4-Bromophenyl-phenylether
Concen: 0.173 ng
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	175.3	128.0	192.0
141	30.2	12.0	18.0#





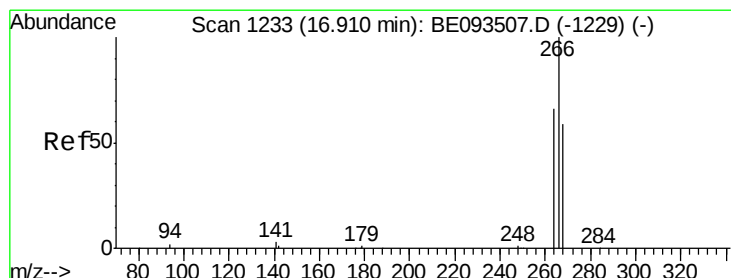
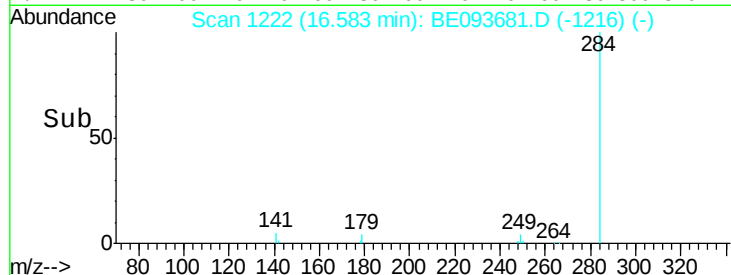
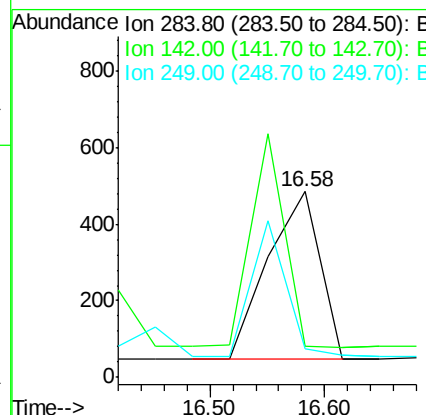
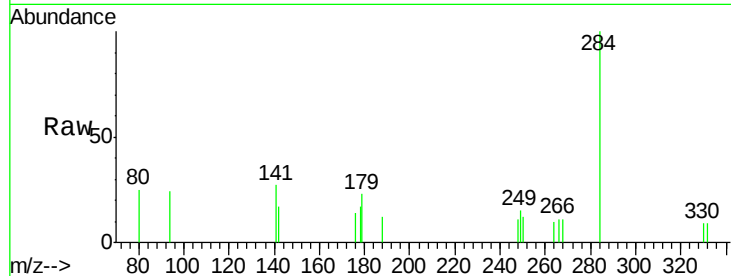
#21
Hexachlorobenzene
Concen: 0.210 ng
RT: 16.58 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Instrument :
BNA_E
ClientSampleId :
LASB-13A-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

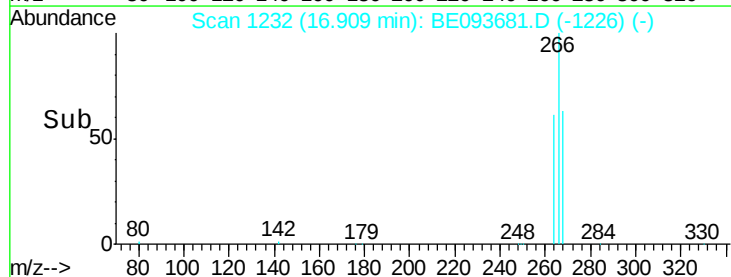
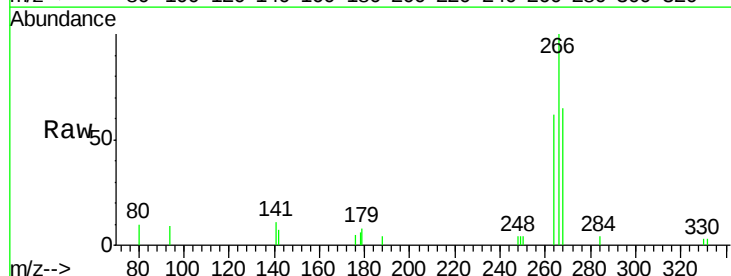
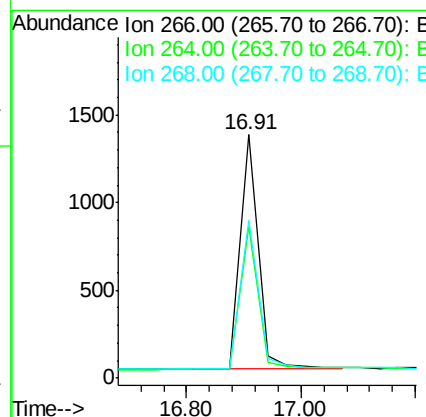
Manual Integrations
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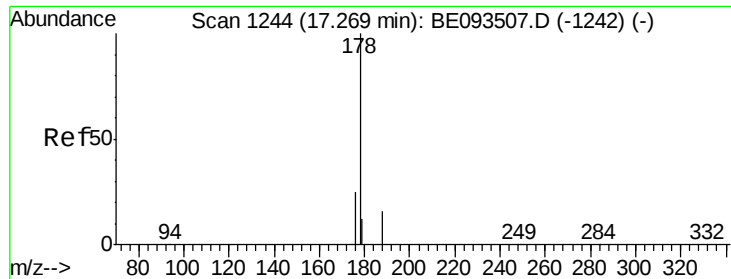
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#22
Pentachlorophenol
Concen: 0.914 ng
RT: 16.91 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	62.2	56.0	84.0
268	64.8	52.0	78.0





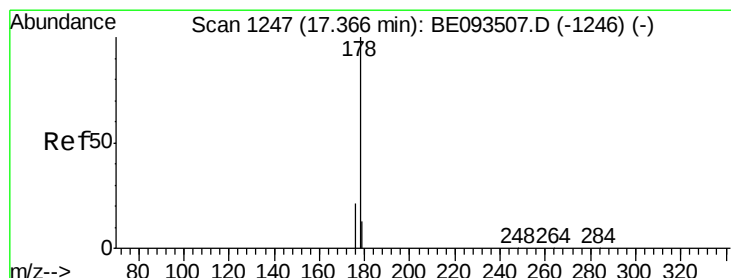
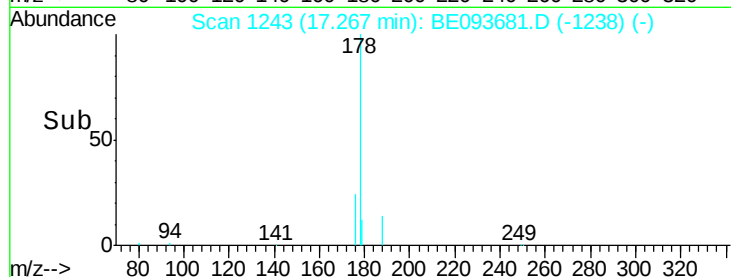
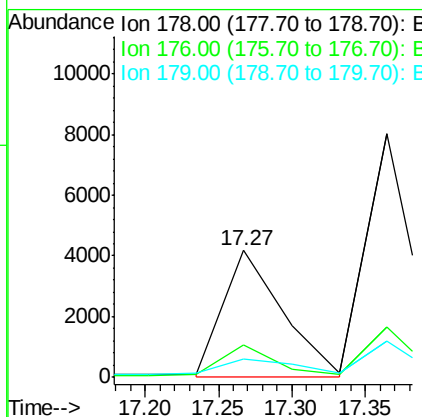
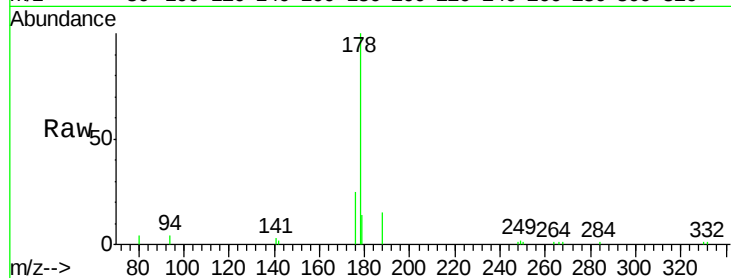
#23
Phenanthrene
Concen: 0.275 ng m
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Instrument :
BNA_E
ClientSampleId :
LASB-13A-1MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.7	19.1#

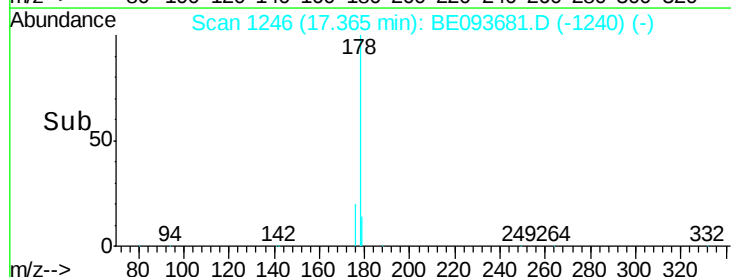
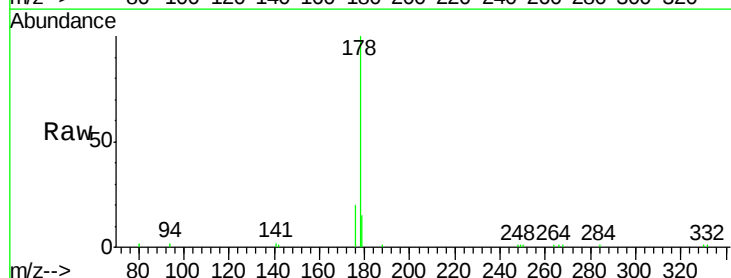
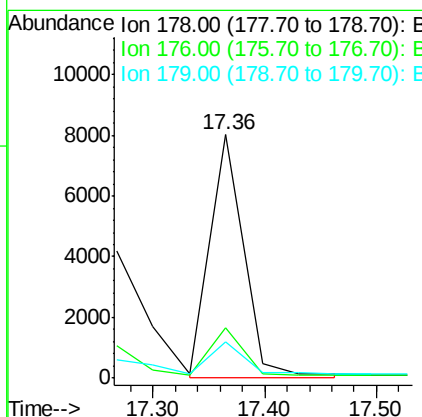
Manual Integrations
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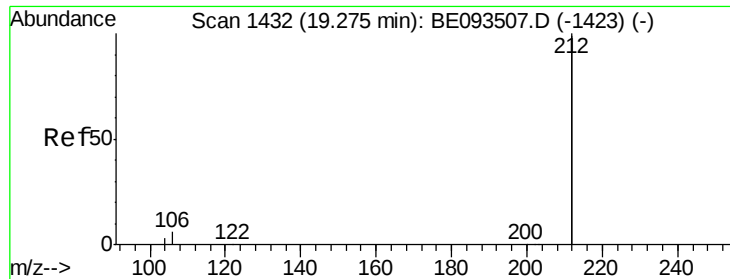
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#24
Anthracene
Concen: 0.294 ng m
RT: 17.36 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	23.0	12.0	18.0#





#25

Fluoranthene-d10

Concen: 0.281 ng

RT: 19.27 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Instrument :

BNA_E

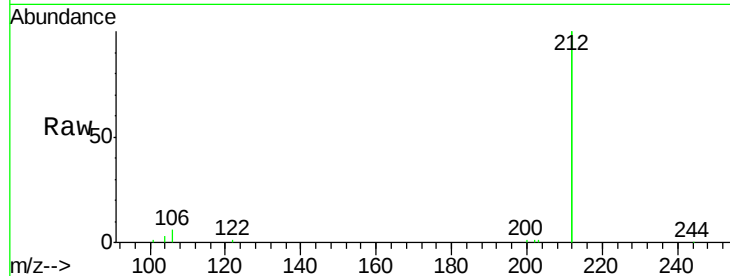
ClientSampleId :

LASB-13A-1MS

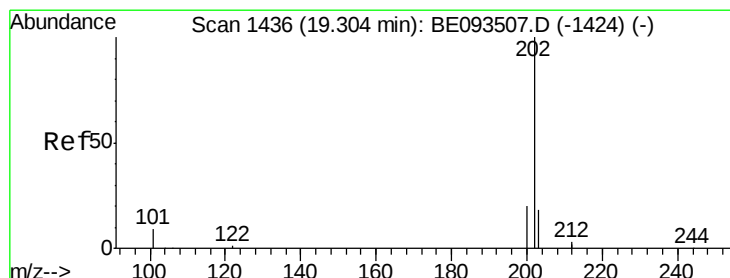
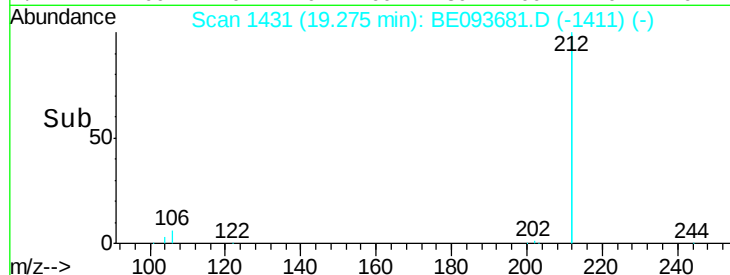
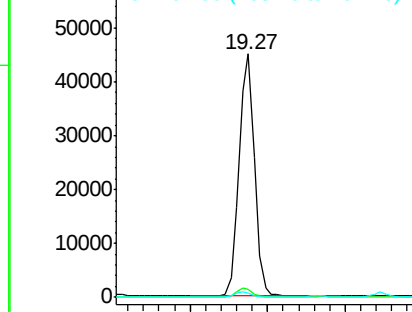
Tgt Ion:	212	Resp:	61917
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.4	3.6
104	2.0	1.6	2.4

Manual Integrations
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.285 ng

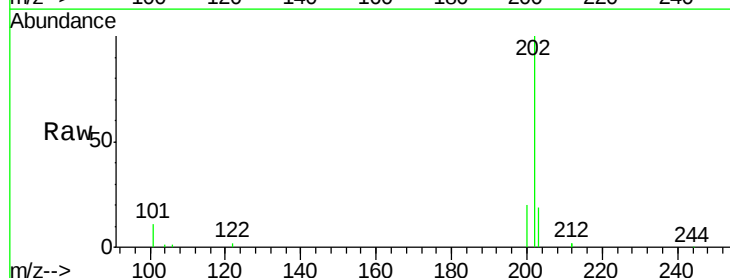
RT: 19.30 min Scan# 1435

Delta R.T. 0.00 min

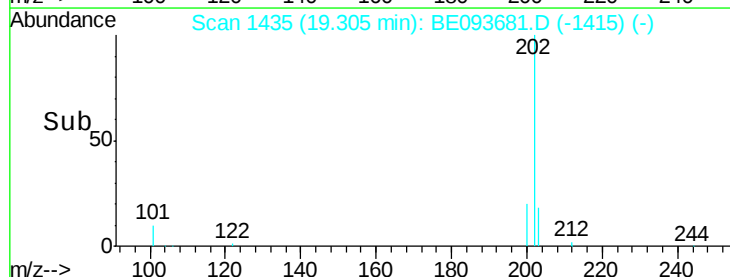
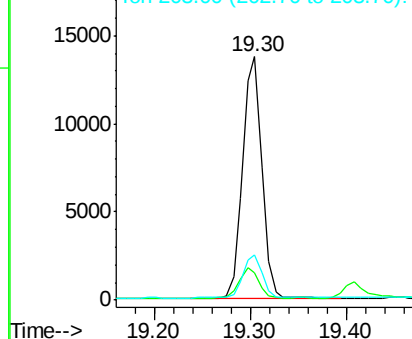
Lab File: BE093681.D

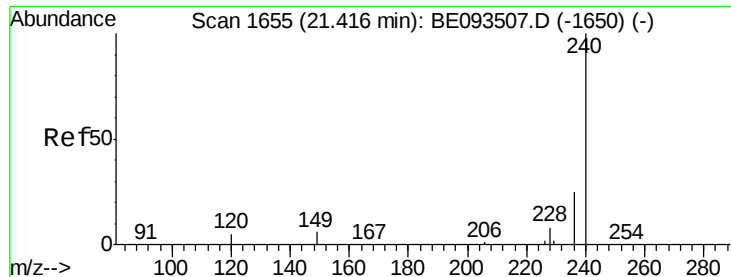
Acq: 5 Aug 2017 18:52

Tgt Ion:	202	Resp:	19355
Ion Ratio	Lower	Upper	
202	100		
101	12.7	9.6	14.4
203	17.1	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Instrument :

BNA_E

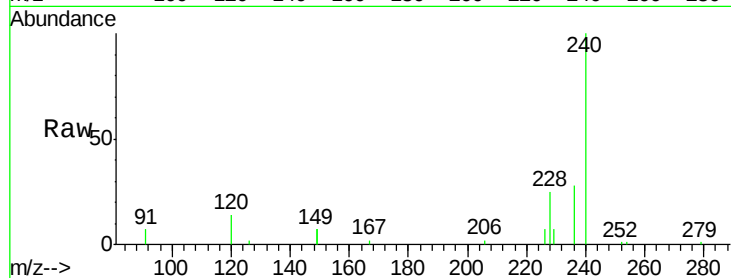
ClientSampleId :

LASB-13A-1MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	4.6	7.0#
236	27.8	20.8	31.2

Manual Integrations
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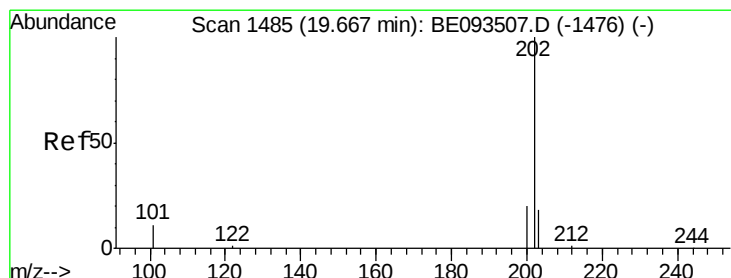
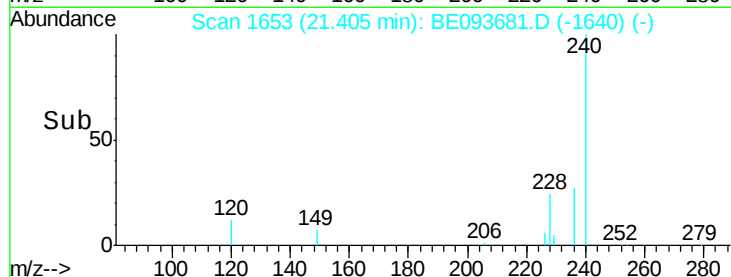
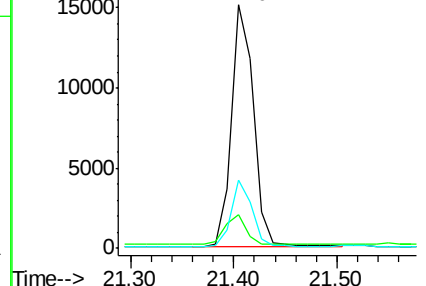
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.274 ng

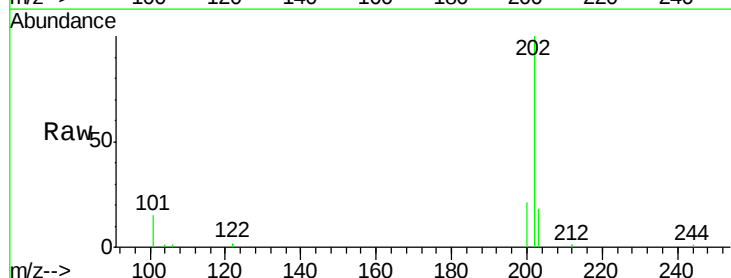
RT: 19.66 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

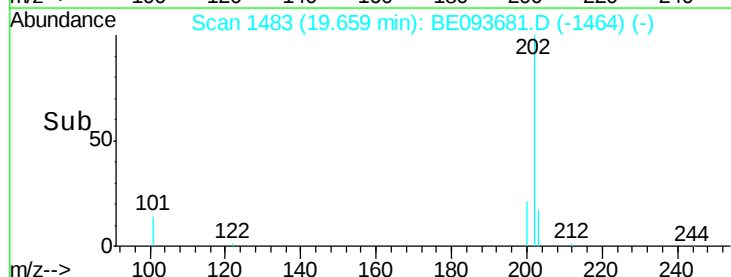
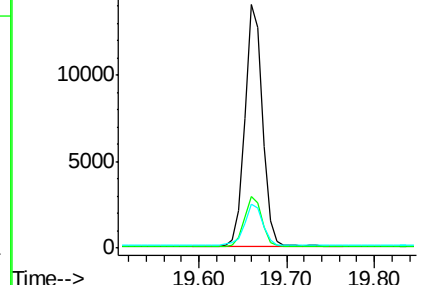
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	18.3	13.7	20.5

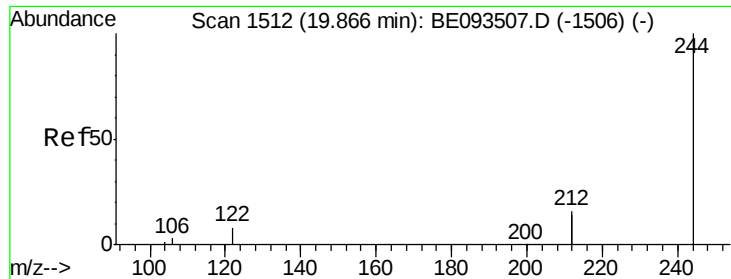


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





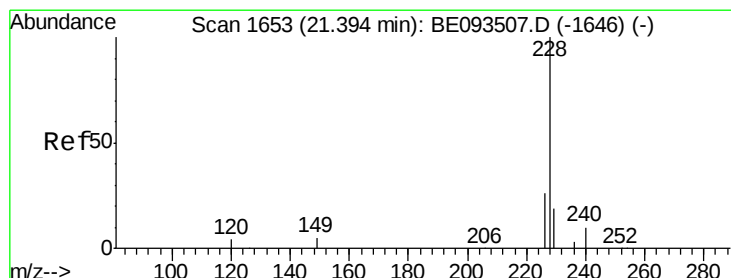
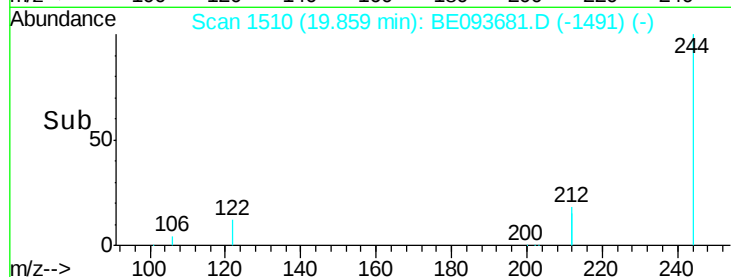
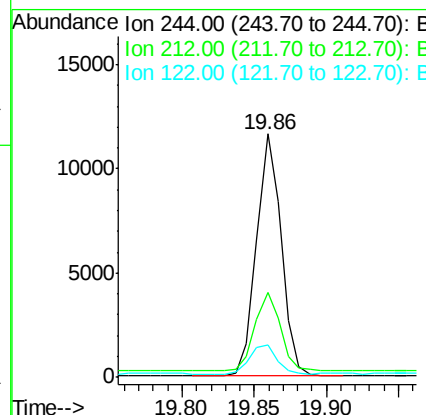
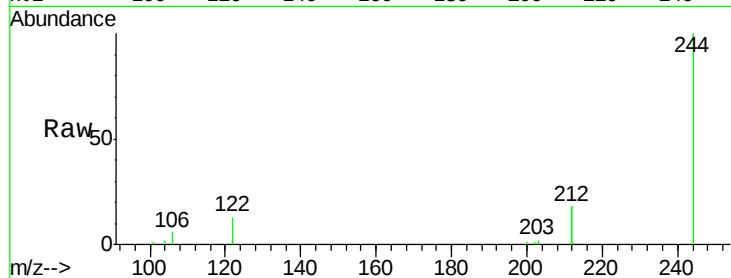
#29
 Terphenyl-d14
 Concen: 0.350 ng
 RT: 19.86 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BE093681.D
 Acq: 5 Aug 2017 18:52

Instrument :
 BNA_E
 ClientSampleId :
 LASB-13A-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	35.0	10.6	16.0#
122	13.4	15.4	23.0#

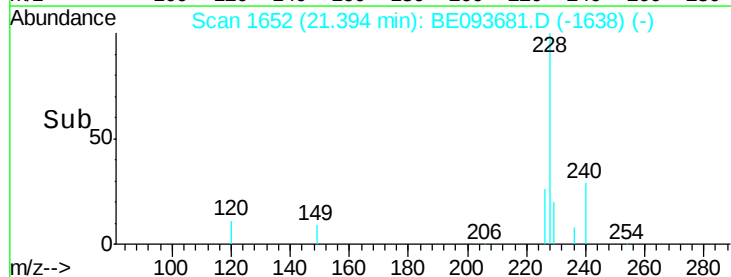
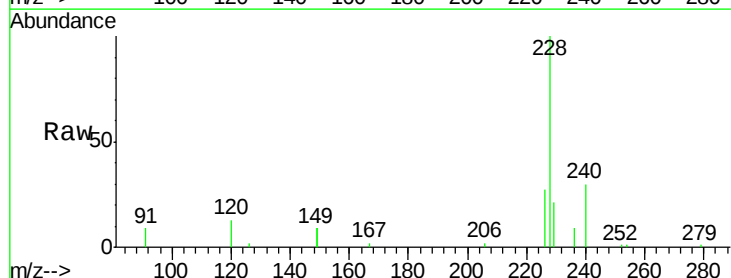
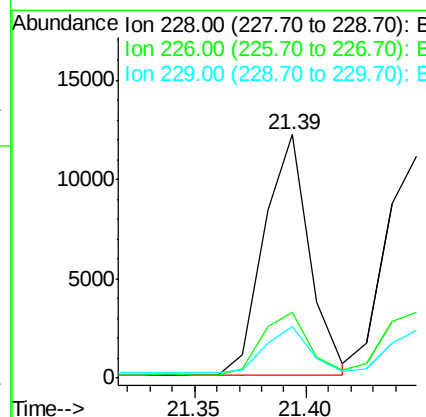
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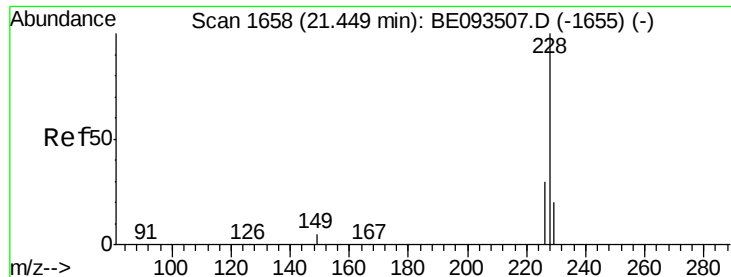
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#30
 Benzo(a)anthracene
 Concen: 0.261 ng
 RT: 21.39 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BE093681.D
 Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.9	19.7	29.5
229	21.5	19.2	28.8





#31

Chrysene

Concen: 0.225 ng

RT: 21.45 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Instrument :

BNA_E

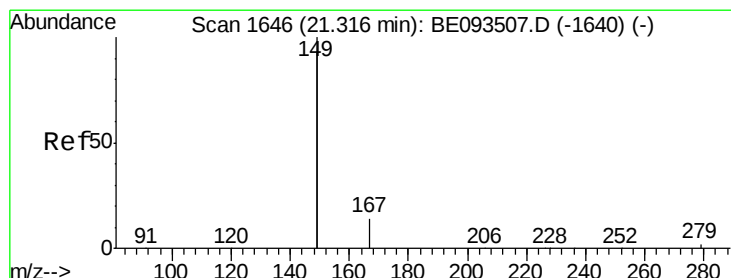
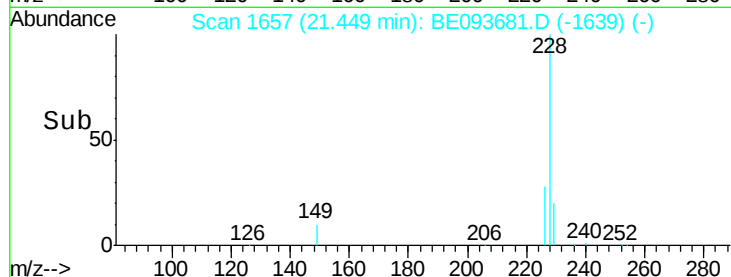
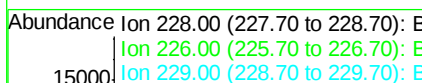
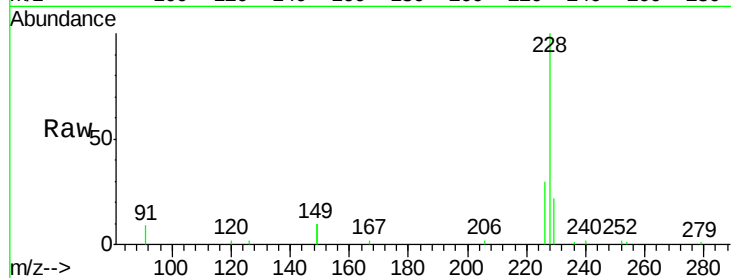
ClientSampleId :

LASB-13A-1MS

Tgt Ion:	228	Resp:	16393
Ion Ratio	Lower	Upper	
228	100		
226	29.6	21.5	32.3
229	21.9	18.6	28.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.658 ng

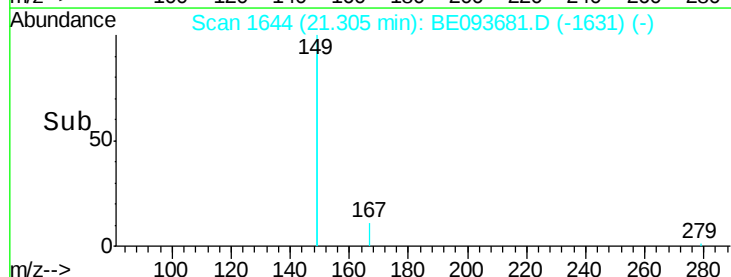
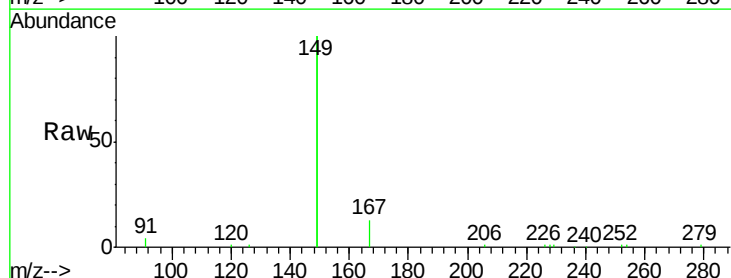
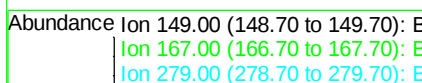
RT: 21.30 min Scan# 1644

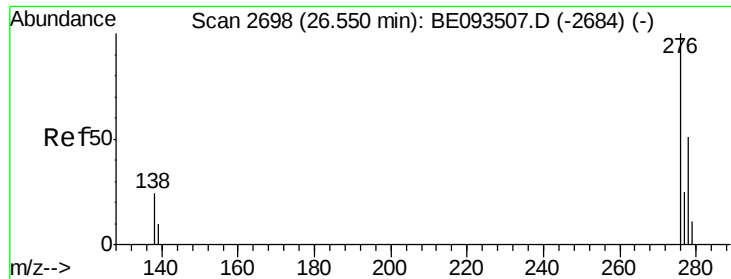
Delta R.T. -0.01 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Tgt Ion:	149	Resp:	58656
Ion Ratio	Lower	Upper	
149	100		
167	6.7	4.8	7.2
279	0.9	0.8	1.2





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.234 ng

RT: 26.55 min Scan# 2697

Delta R.T. 0.00 min

Lab File: BE093681.D

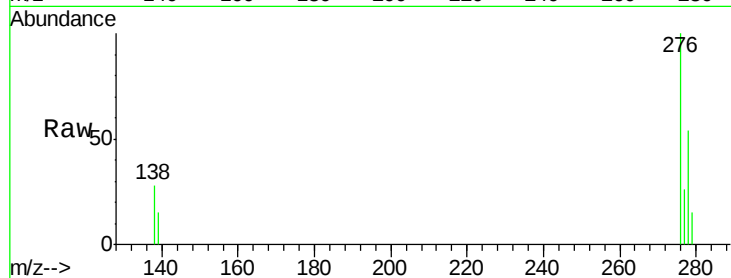
Acq: 5 Aug 2017 18:52

Instrument :

BNA_E

ClientSampleId :

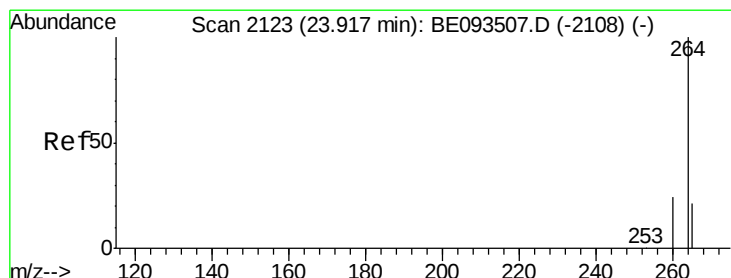
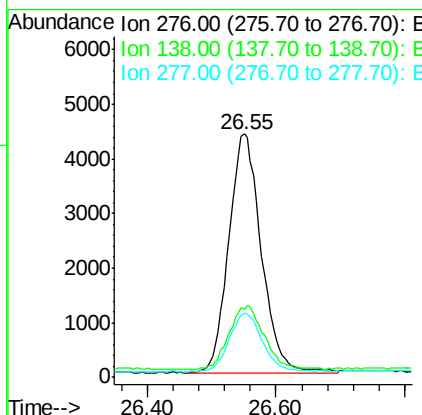
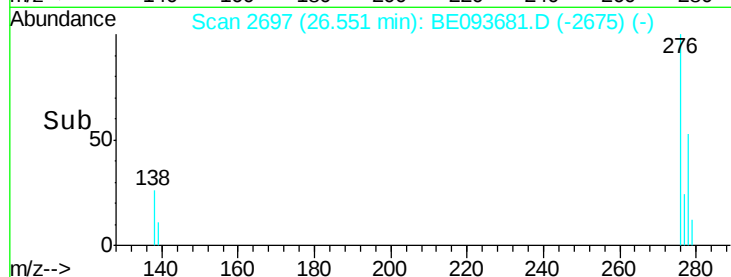
LASB-13A-1MS



Tgt Ion:	276	Resp:	15444
Ion Ratio	Lower	Upper	
276	100		
138	28.4	27.4	41.2
277	24.9	20.1	30.1

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#34

Perylene-d12

Concen: 0.400 ng

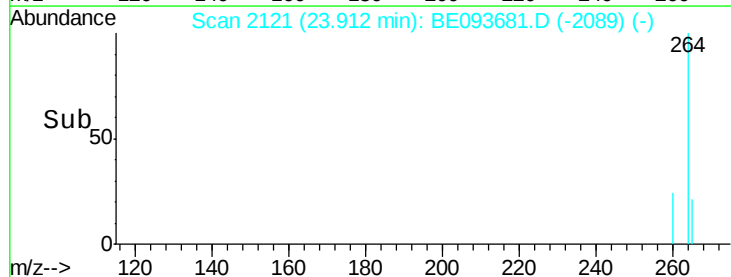
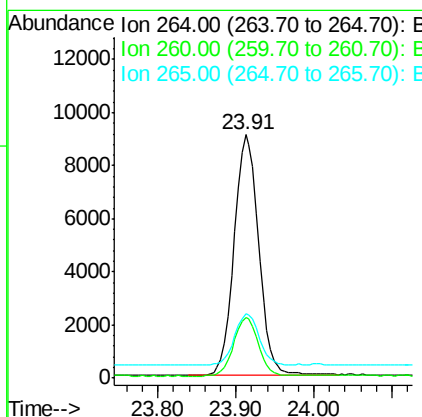
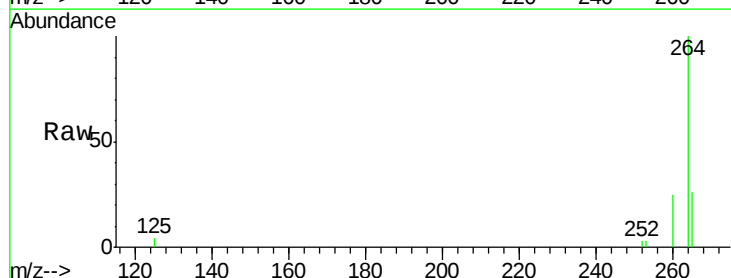
RT: 23.91 min Scan# 2121

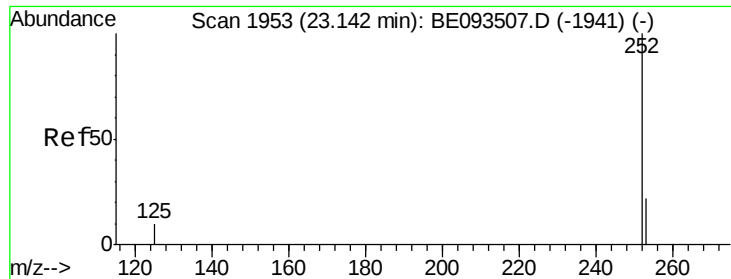
Delta R.T. -0.00 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Tgt Ion:	264	Resp:	19979
Ion Ratio	Lower	Upper	
264	100		
260	25.1	21.0	31.4
265	26.4	24.6	36.8





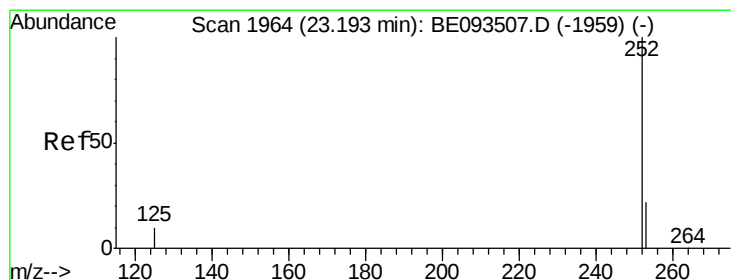
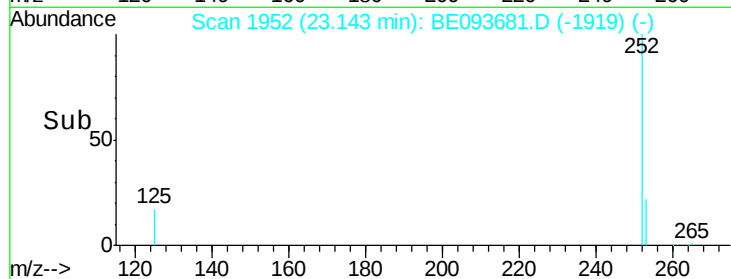
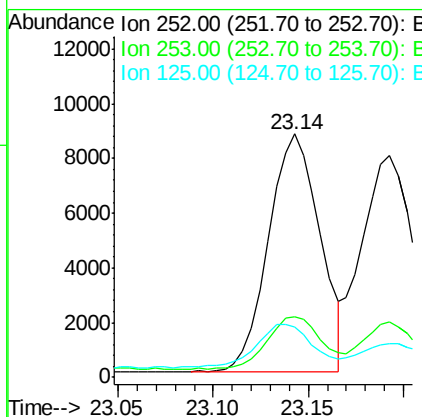
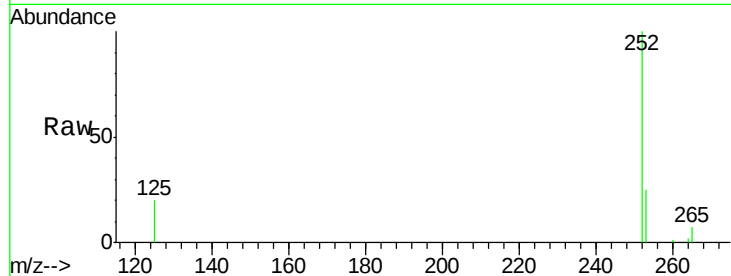
#35
Benzo(b)fluoranthene
Concen: 0.228 ng m
RT: 23.14 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Instrument :
BNA_E
ClientSampleId :
LASB-13A-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.5	27.7
125	20.5	13.4	20.0

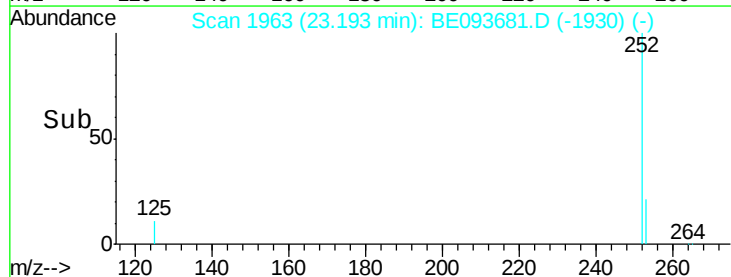
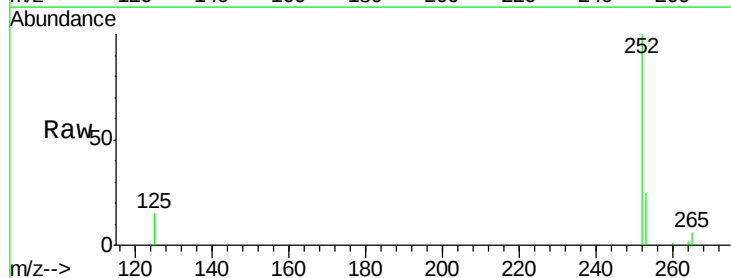
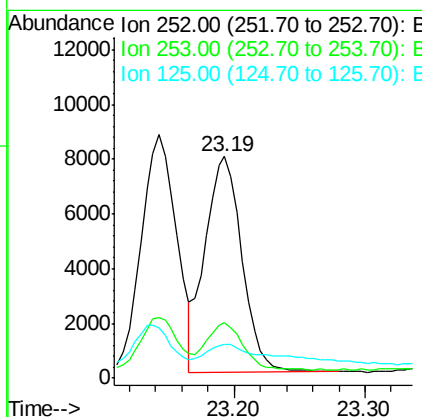
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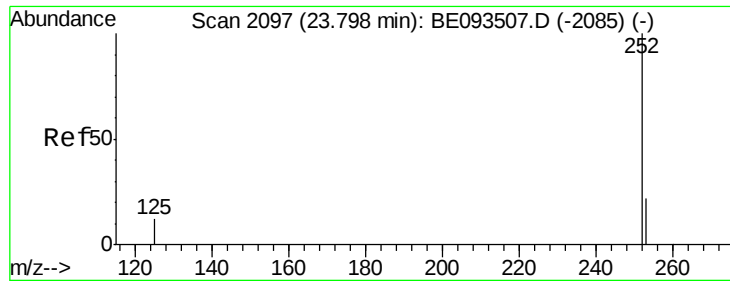
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#36
Benzo(k)fluoranthene
Concen: 0.211 ng
RT: 23.19 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.3	30.5
125	15.2	12.2	18.4





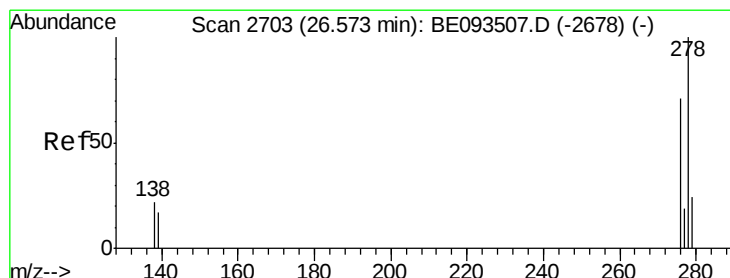
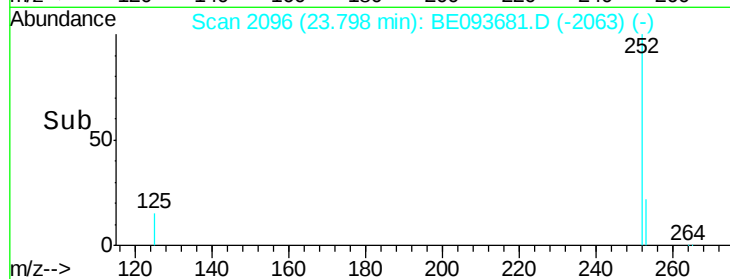
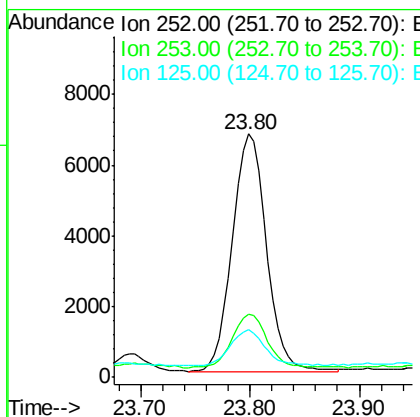
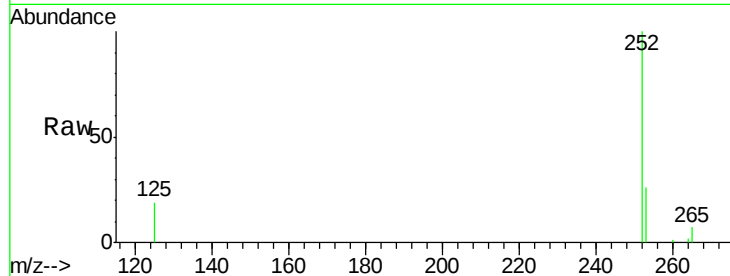
#37
Benzo(a)pyrene
Concen: 0.224 ng
RT: 23.80 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Instrument :
BNA_E
ClientSampleId :
LASB-13A-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.9	29.9
125	19.4	14.6	21.8

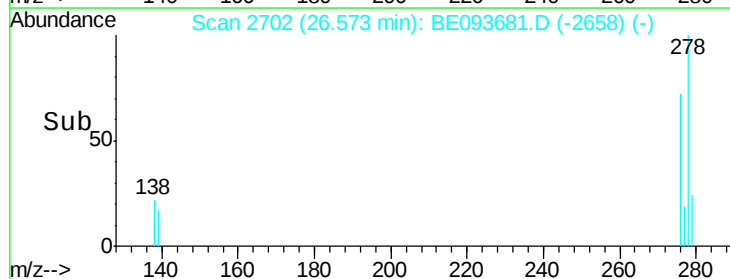
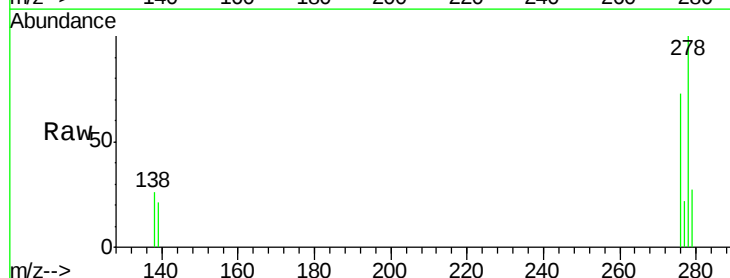
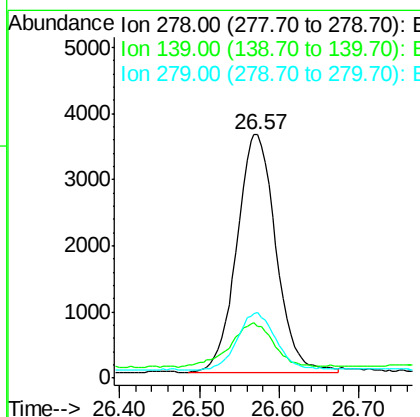
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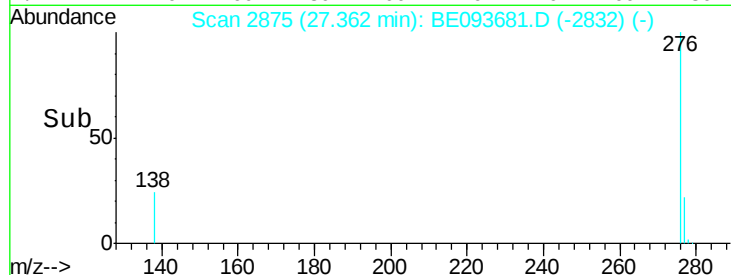
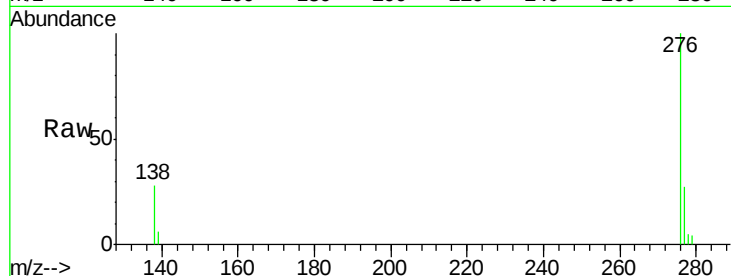
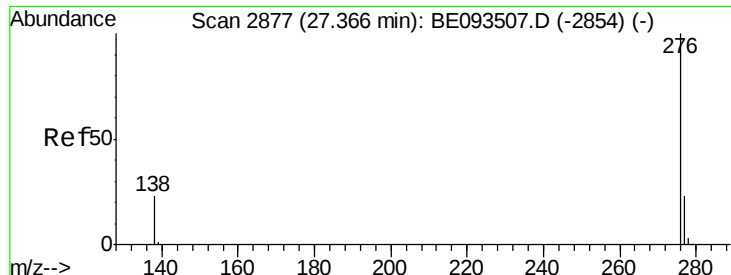
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#38
Dibenzo(a,h)anthracene
Concen: 0.197 ng
RT: 26.57 min Scan# 2702
Delta R.T. 0.00 min
Lab File: BE093681.D
Acq: 5 Aug 2017 18:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	21.4	32.0
279	27.1	22.2	33.2





#39

Benzo(g,h,i)perylene

Concen: 0.205 ng

RT: 27.36 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE093681.D

Acq: 5 Aug 2017 18:52

Instrument :

BNA_E

ClientSampleId :

LASB-13A-1MS

Tgt Ion:	276	Resp:	12980
Ion Ratio	Lower	Upper	
276	100		
277	26.9	21.2	31.8
138	27.8	24.5	36.7

Manual Integrations
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