

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101217\
 Data File : BE094318.D
 Acq On : 12 Oct 2017 18:23
 Operator : SJ/JU
 Sample : I5530-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LB-33(0-0.5)

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:27:46 PM

Quant Time: Oct 12 23:33:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1653	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	8170	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	4297	0.40	ng	0.02
19) Phenanthrene-d10	17.24	188	6813m	0.40	ng	0.00
27) Chrysene-d12	21.43	240	9658	0.40	ng	0.02
34) Perylene-d12	23.95	264	9028	0.40	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	384409	69.78	ng	0.01
5) Phenol-d6	7.10	99	347014	43.45	ng	0.01
8) Nitrobenzene-d5	9.06	82	924186	135.86	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9	0.00	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	262796	140.68	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	1776008	120.65	ng	0.02
25) Fluoranthene-d10	19.29	212	229	0.00	ng	0.02
29) Terphenyl-d14	19.87	244	1870586	102.56	ng	0.02
Target Compounds						
9) Naphthalene	10.76	128	10041	0.109	ng	Qvalue # 97
12) 2-Methylnaphthalene	12.36	142	889	0.059	ng	94
17) Acenaphthene	14.59	154	1834	0.128	ng	96
18) Fluorene	15.58	166	2213	0.118	ng	96
23) Phenanthrene	17.30	178	4616m	0.195	ng	
24) Anthracene	17.37	178	1758m	0.098	ng	
26) Fluoranthene	19.31	202	3726	0.180	ng	96
28) Pyrene	19.67	202	3411	0.103	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.29	149	14487	0.198	ng	# 98

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

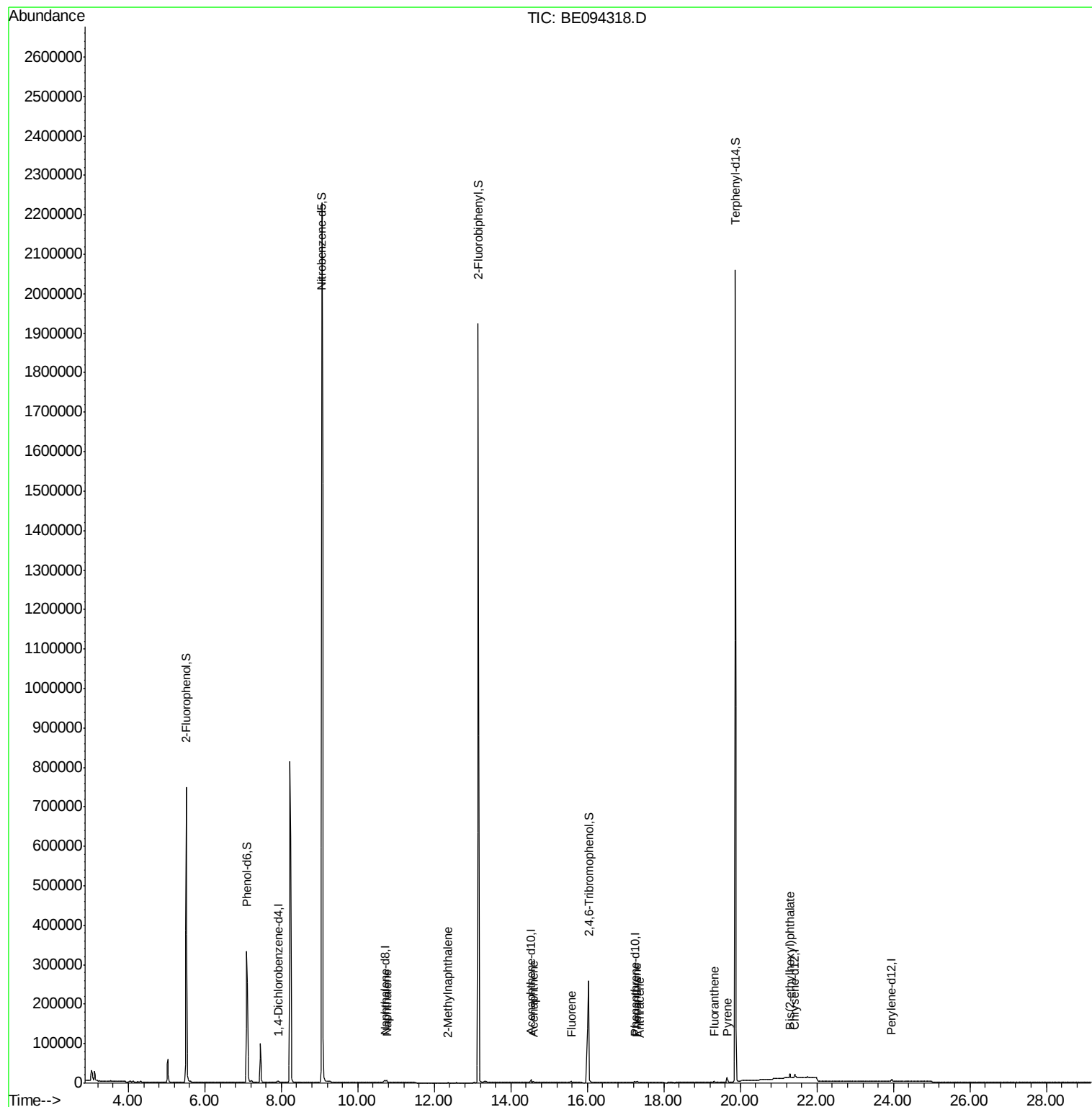
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101217\
Data File : BE094318.D
Acq On : 12 Oct 2017 18:23
Operator : SJ/JU
Sample : I5530-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

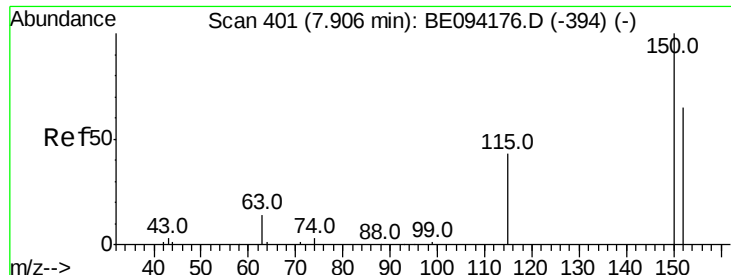
Instrument :
BNA_E
ClientSampleId :
LB-33(0-0.5)

Manual Integrations
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10/15/2017 12:27:46 PM

Quant Time: Oct 12 23:33:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.01 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Instrument :

BNA_E

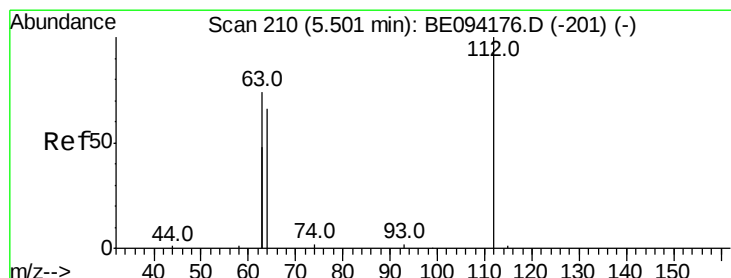
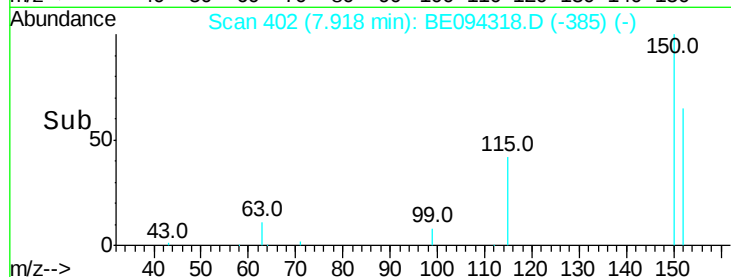
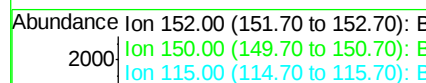
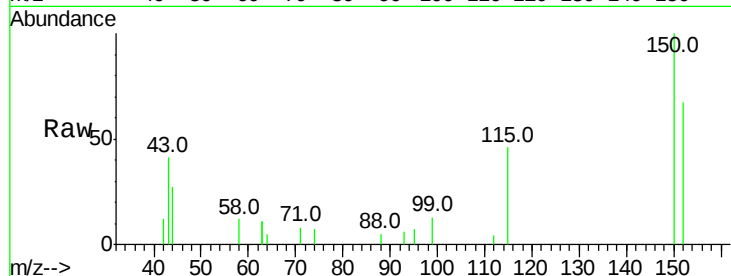
ClientSampleId :

LB-33(0-0.5)

Tot Ion:	152	Resp:	1653
Ion	Ratio	Lower	Upper
152	100		
150	149.4	117.2	175.8
115	68.0	57.0	85.6

Manual Integrations
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#4

2-Fluorophenol

Concen: 69.785 ng

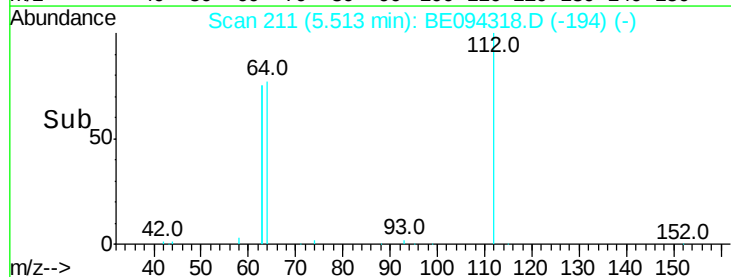
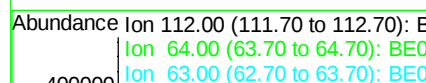
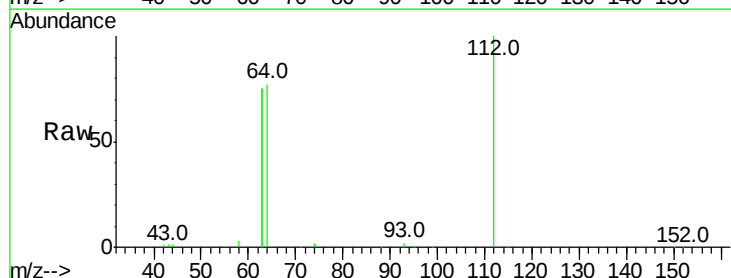
RT: 5.51 min Scan# 211

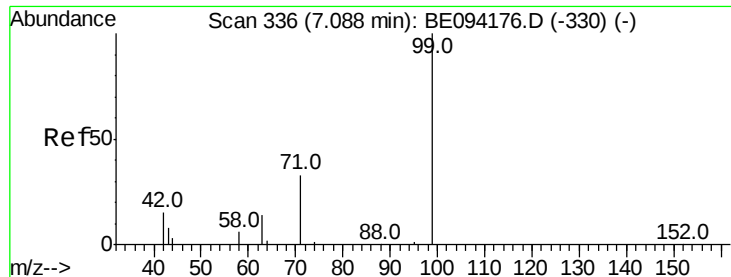
Delta R.T. 0.01 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Tgt Ion:	112	Resp:	384409
Ion	Ratio	Lower	Upper
112	100		
64	72.2	60.1	90.1
63	144.0	116.8	175.2





#5

Phenol-d6

Concen: 43.454 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Instrument :

BNA_E

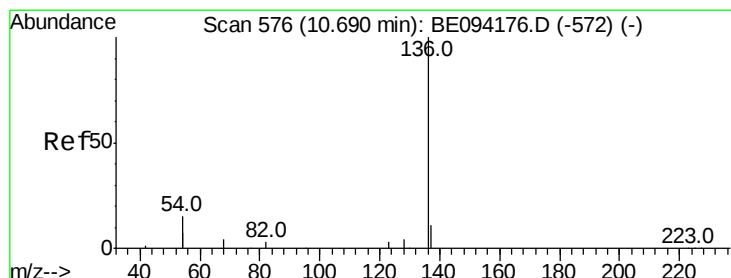
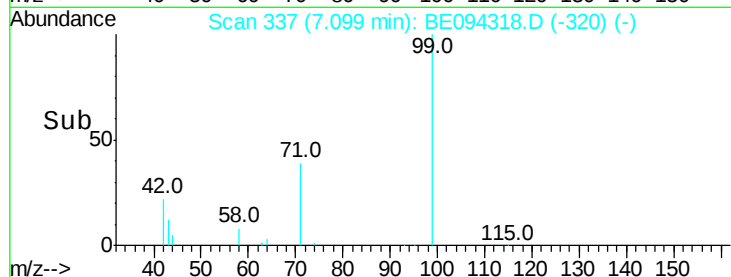
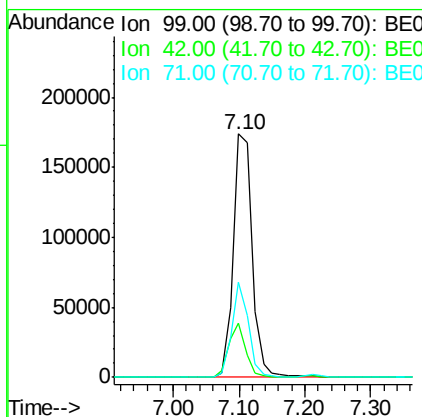
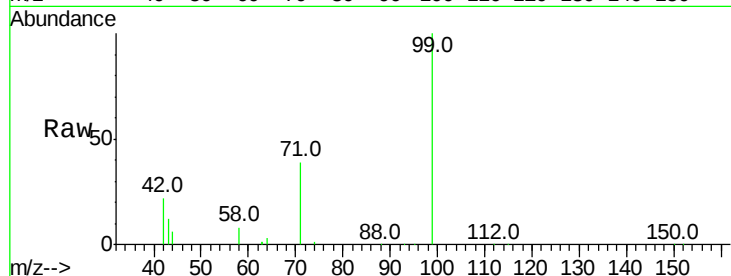
ClientSampleId :

LB-33(0-0.5)

Tot Ion:	99	Resp:	347014
Ion Ratio	Lower	Upper	
99	100		
42	19.7	20.2	30.2#
71	34.0	28.4	42.6

Manual Integrations
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#7

Naphthalene-d8

Concen: 0.400 ng

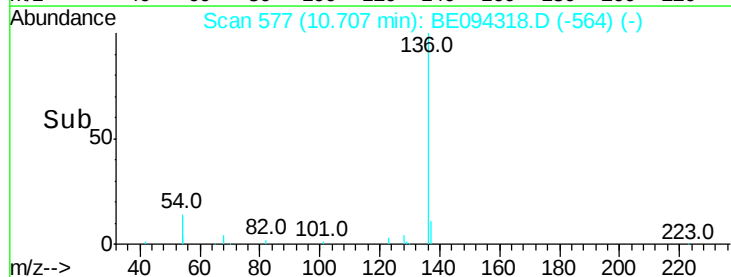
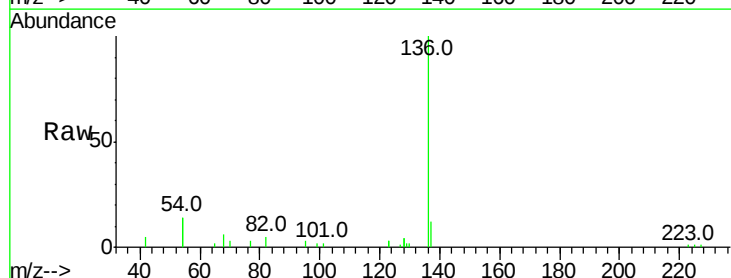
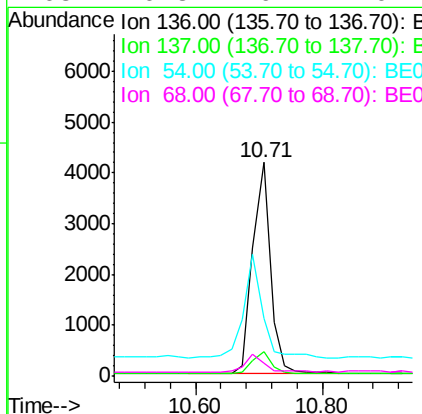
RT: 10.71 min Scan# 577

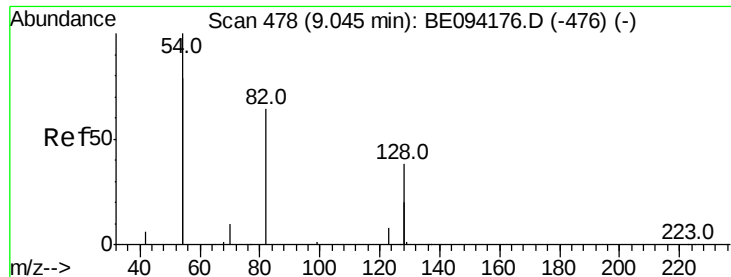
Delta R.T. 0.02 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Tgt Ion:	136	Resp:	8170
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.5	14.3
54	27.1	29.1	43.7#
68	6.3	6.2	9.2





#8

Nitrobenzene-d5

Concen: 135.865 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Instrument :

BNA_E

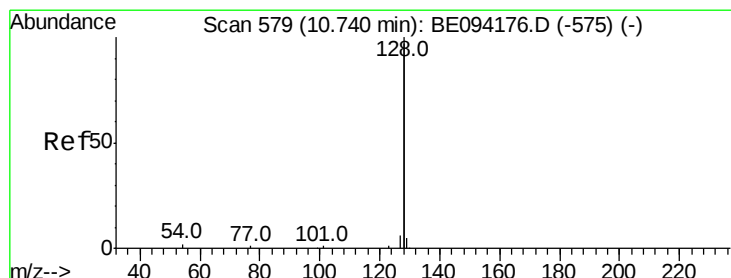
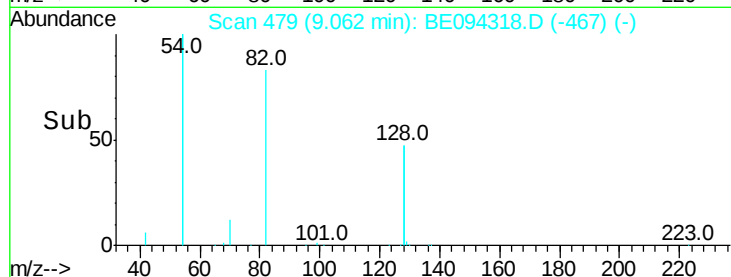
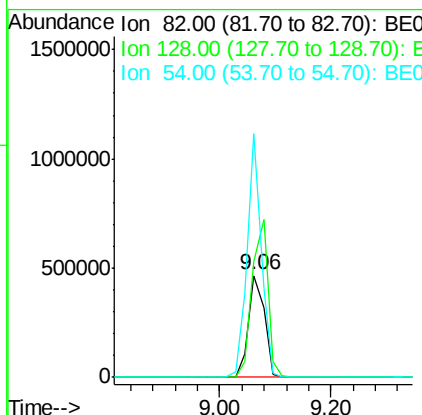
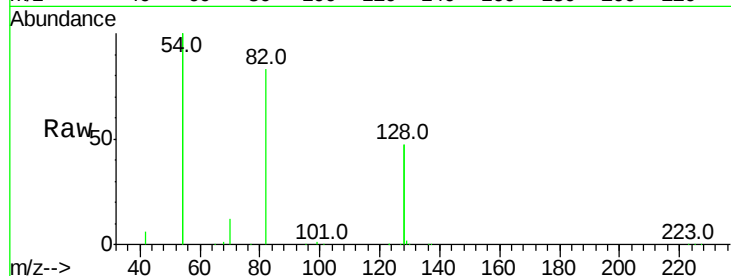
ClientSampleId :

LB-33(0-0.5)

Tot Ion:	82	Resp:	924186
Ion Ratio	Lower	Upper	
82	100		
128	113.3	150.0	225.0#
54	239.6	154.2	231.4#

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#9

Naphthalene

Concen: 0.109 ng

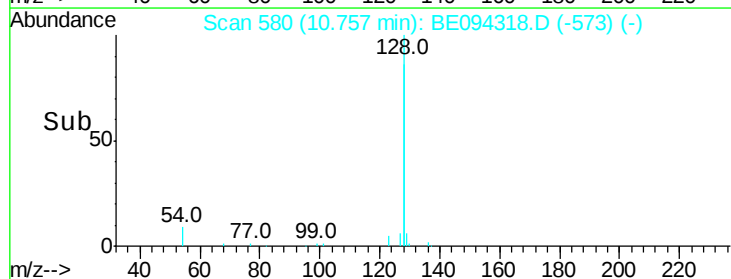
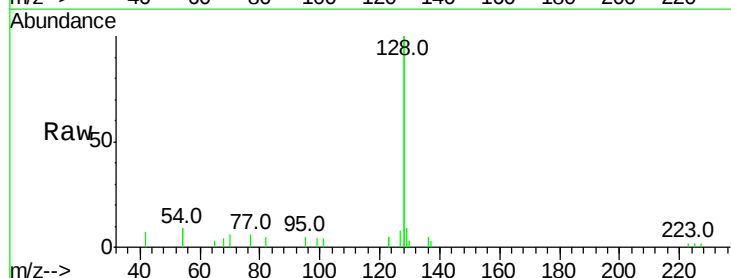
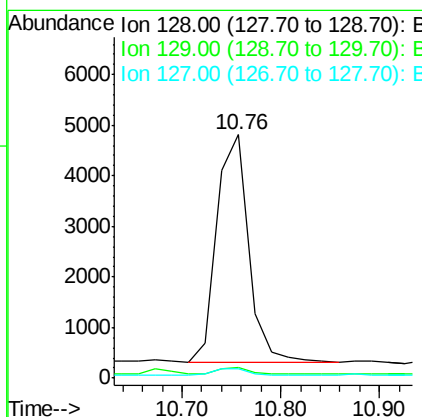
RT: 10.76 min Scan# 580

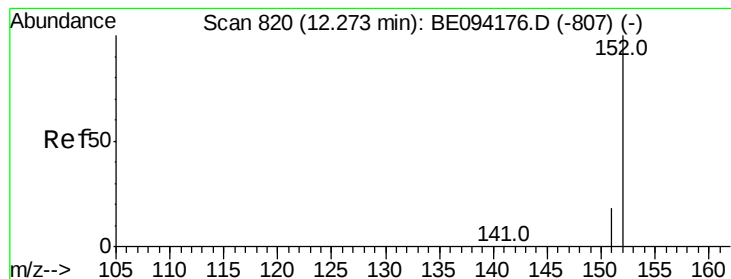
Delta R.T. 0.02 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Tgt Ion:	128	Resp:	10041
Ion Ratio	Lower	Upper	
128	100		
129	4.5	2.6	3.8#
127	4.1	2.8	4.2





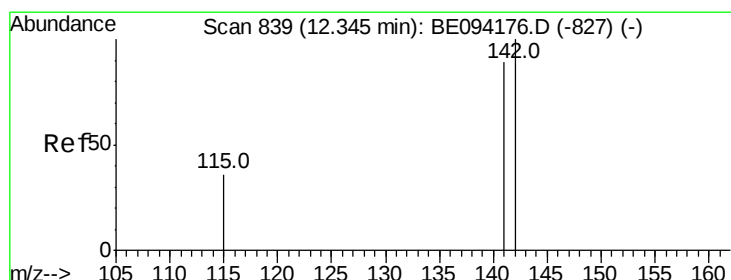
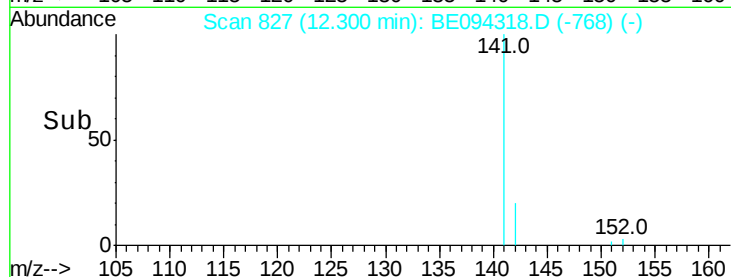
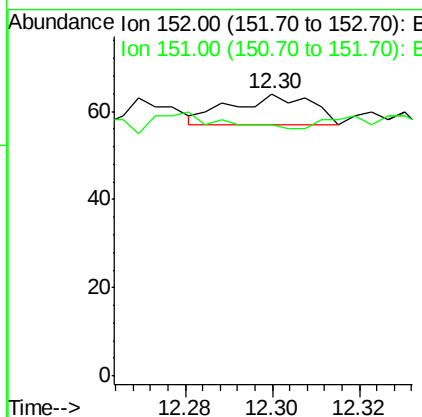
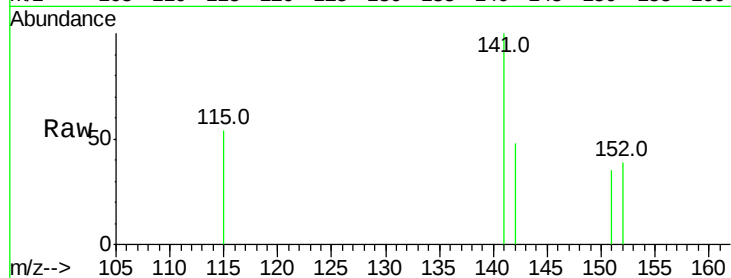
#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.30 min Scan# 827
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :
LB-33(0-0.5)

Tot Ion:152 Resp: 9
Ion Ratio Lower Upper
152 100
151 0.0 15.4 23.0#

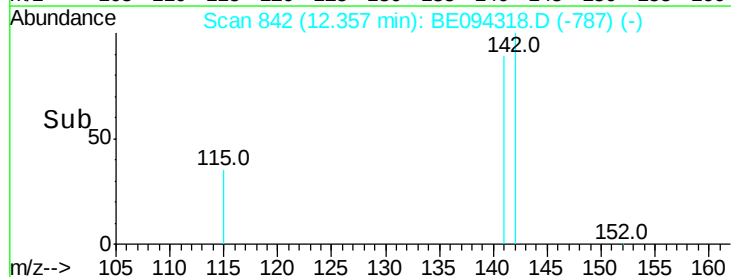
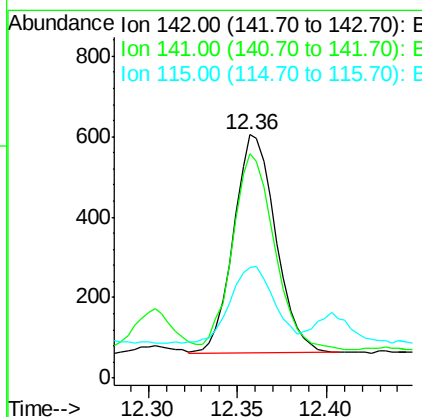
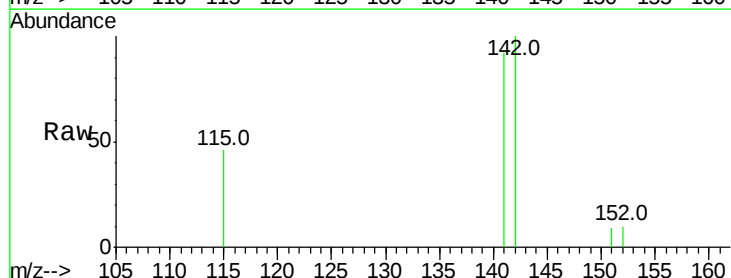
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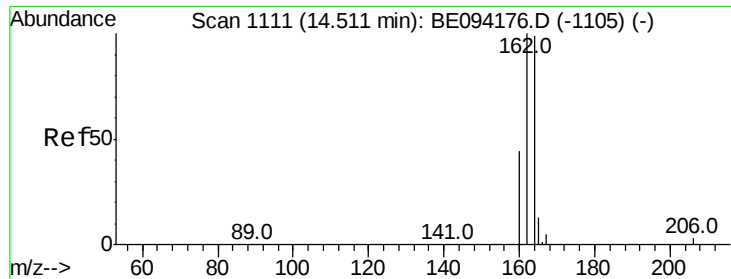
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#12
2-Methylnaphthalene
Concen: 0.059 ng
RT: 12.36 min Scan# 842
Delta R.T. 0.01 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:142 Resp: 889
Ion Ratio Lower Upper
142 100
141 92.1 70.4 105.6
115 45.6 31.7 47.5





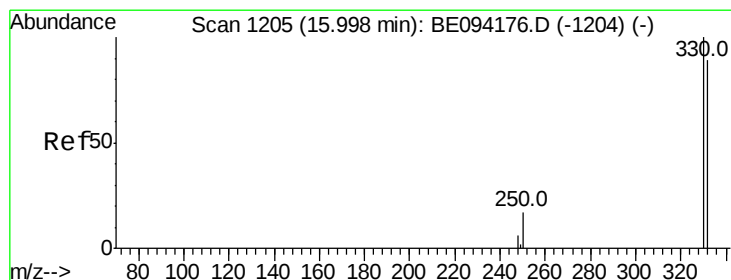
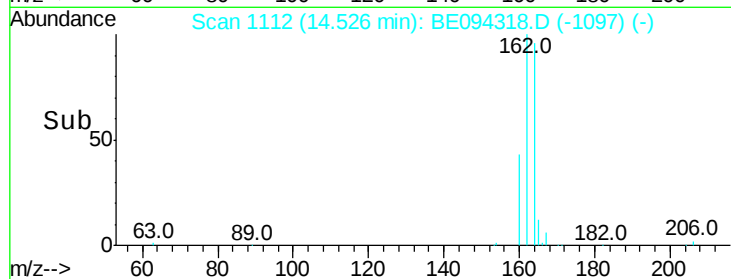
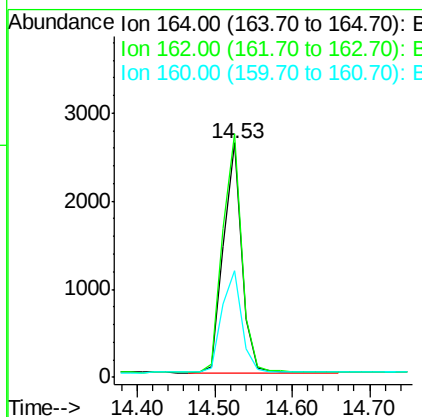
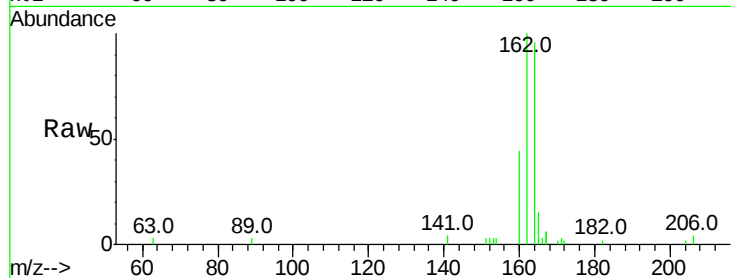
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: BE094318.D
 Acq: 12 Oct 2017 18:23

Instrument :
 BNA_E
 ClientSampleId :
 LB-33(0-0.5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.1	124.7
160	45.8	37.1	55.7

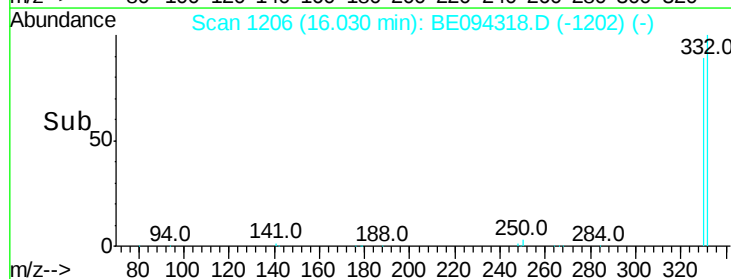
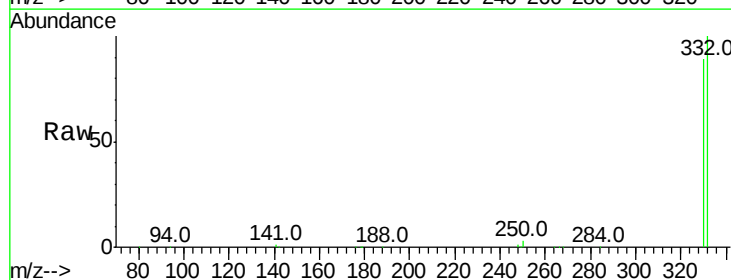
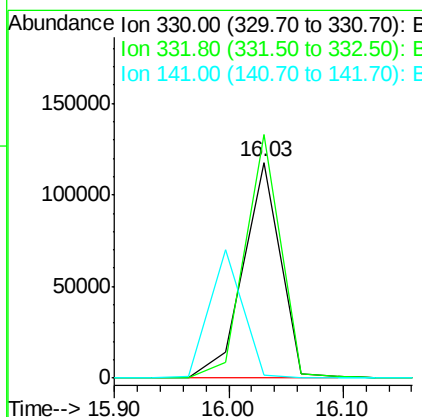
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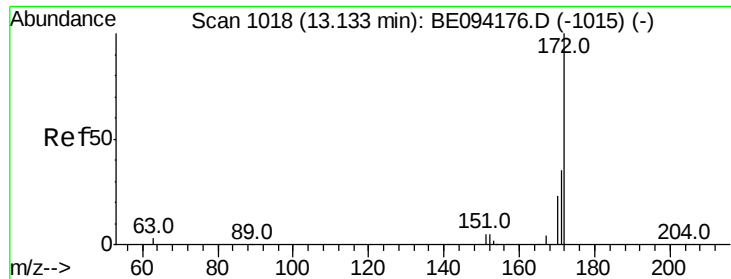
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#14
 2,4,6-Tribromophenol
 Concen: 140.682 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE094318.D
 Acq: 12 Oct 2017 18:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	107.5	152.7	229.1#
141	0.0	33.7	50.5#





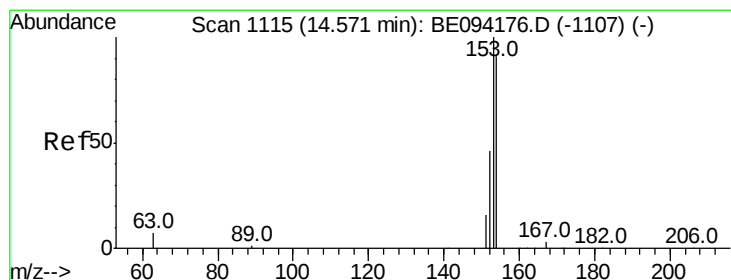
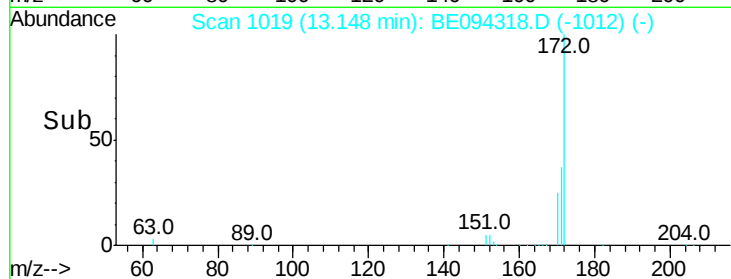
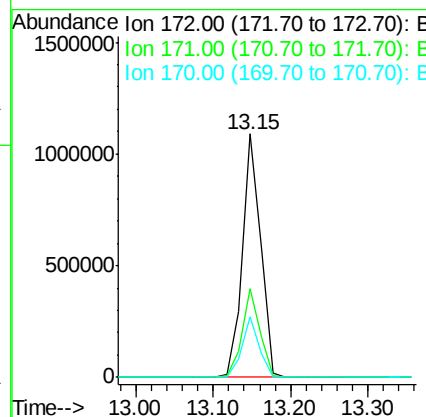
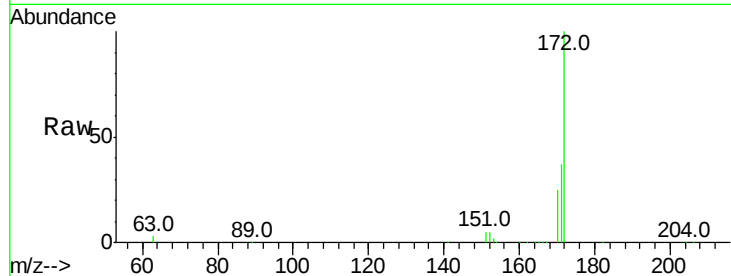
#15
2-Fluorobiphenyl
Concen: 120.652 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampled :
LB-33(0-0.5)

Tot Ion:172 Resp: 1776008
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.7 21.8 32.8

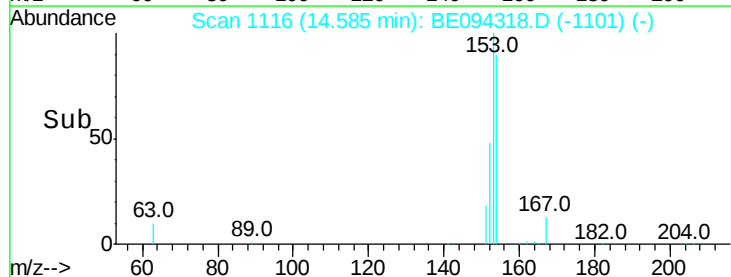
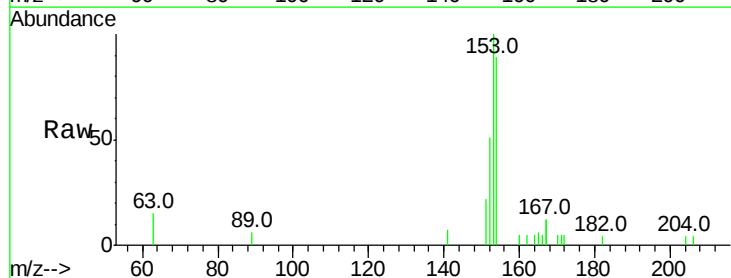
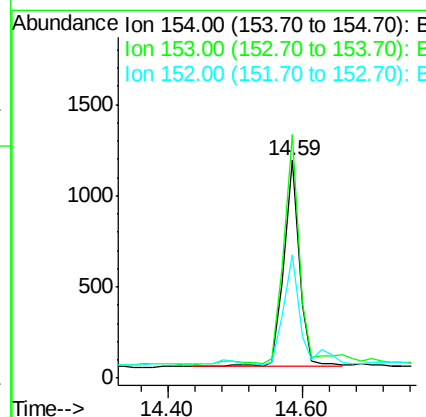
Manual Integrations
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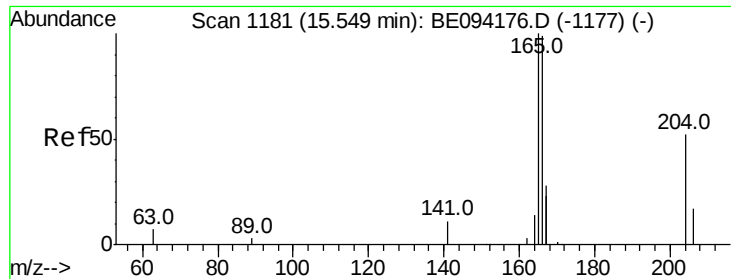
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#17
Acenaphthene
Concen: 0.128 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:154 Resp: 1834
Ion Ratio Lower Upper
154 100
153 110.1 89.2 133.8
152 58.7 42.0 63.0





#18

Fluorene

Concen: 0.118 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Instrument :

BNA_E

ClientSampleId :

LB-33(0-0.5)

Tot Ion:166 Resp: 2213

Ion Ratio Lower Upper

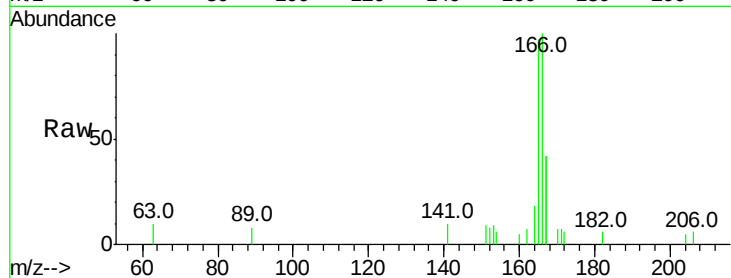
166 100

165 99.9 77.8 116.6

167 56.8 42.4 63.6

Manual Integrations
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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

15.58

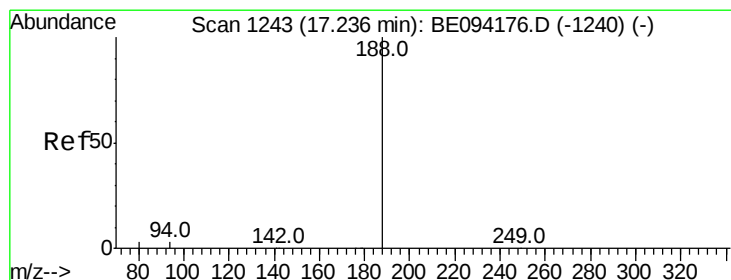
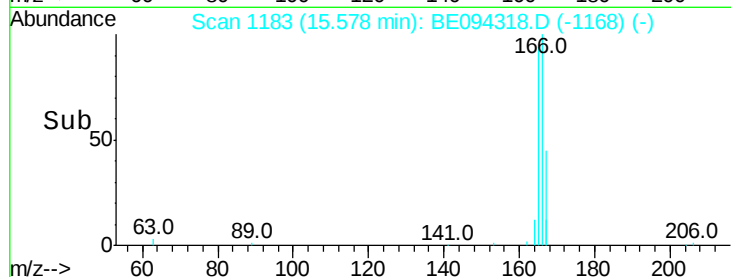
1000

500

0

15.40 15.50 15.60 15.70

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng m

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

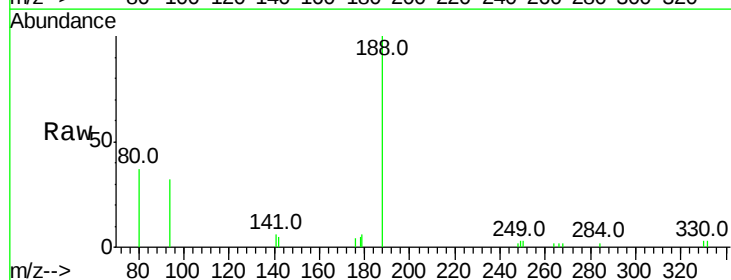
Tgt Ion:188 Resp: 6813

Ion Ratio Lower Upper

188 100

94 32.3 3.9 5.9#

80 37.3 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

17.24

3000

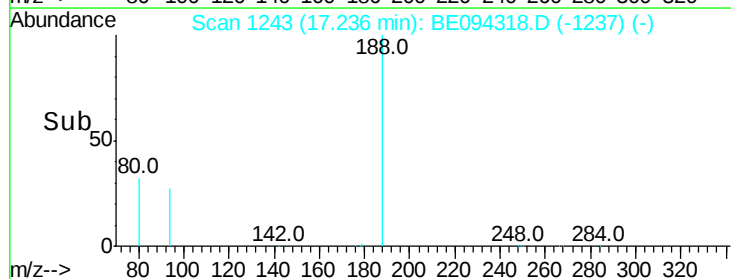
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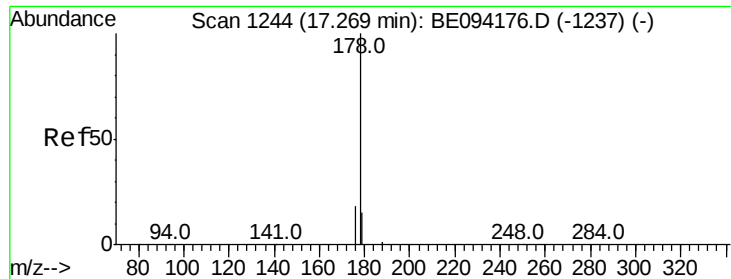
1000

0

17.10 17.20 17.30

Time-->





#23

Phenanthrene

Concen: 0.195 ng/ml

RT: 17.30 min Scan# 1245

Delta R.T. 0.03 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Instrument:

BNA_E

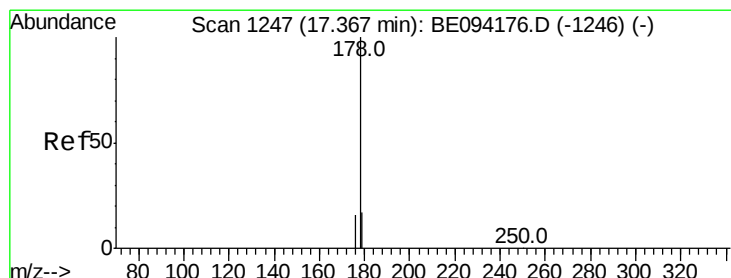
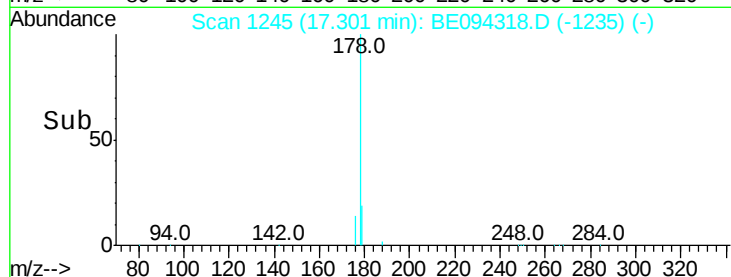
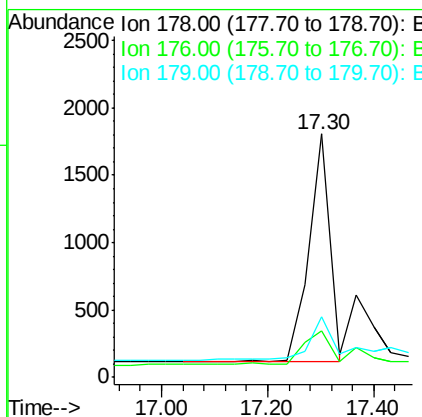
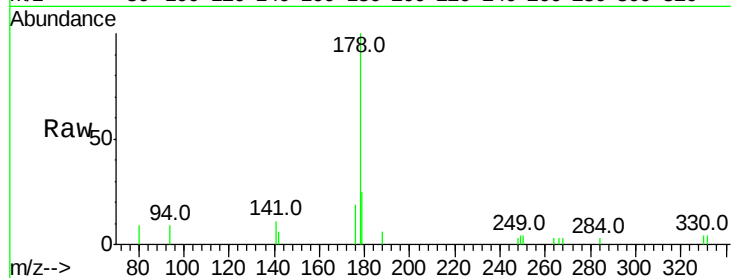
ClientSampleId:

LB-33(0-0.5)

Tot Ion:	178	Resp:	4616
Ion	Ratio	Lower	Upper
178	100		
176	28.0	15.1	22.7#
179	27.8	11.8	17.6#

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#24

Anthracene

Concen: 0.098 ng/ml

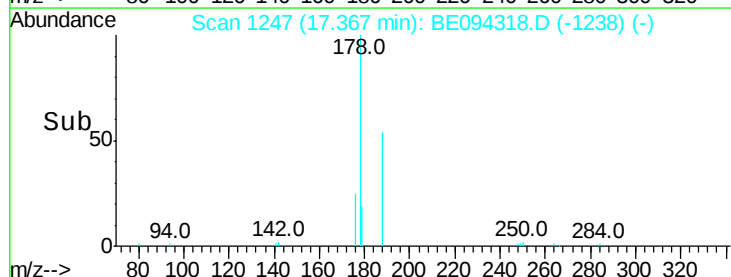
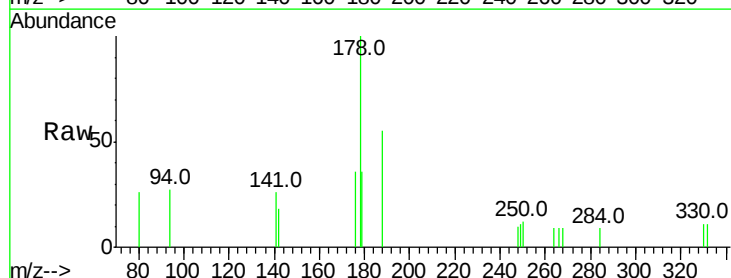
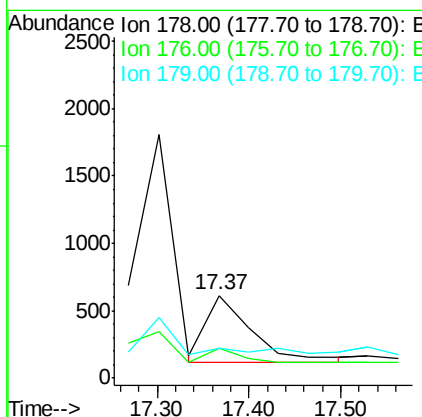
RT: 17.37 min Scan# 1247

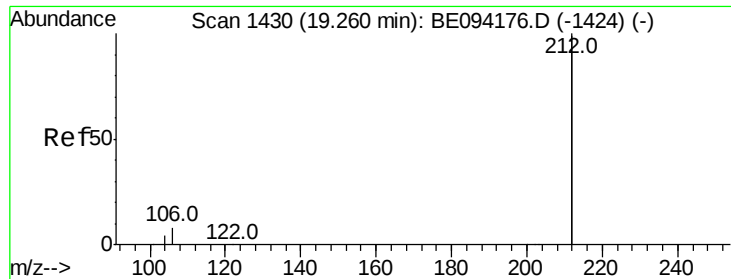
Delta R.T. 0.00 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Tgt Ion:	178	Resp:	1758
Ion	Ratio	Lower	Upper
178	100		
176	67.1	12.8	19.2#
179	66.6	13.0	19.6#





#25

Fluoranthene-d10

Concen: 0.003 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.02 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Instrument :

BNA_E

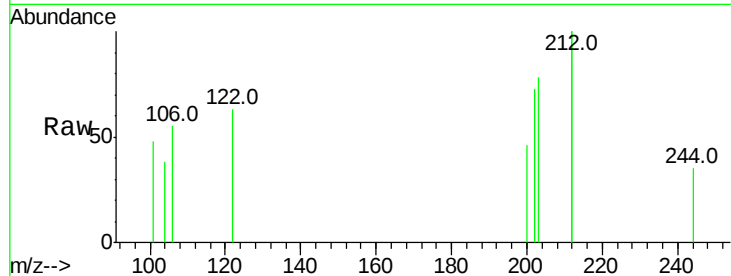
ClientSampleId :

LB-33(0-0.5)

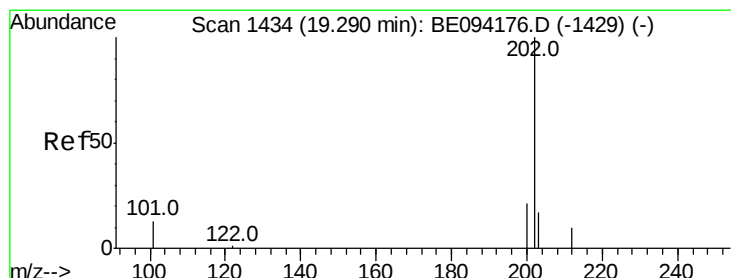
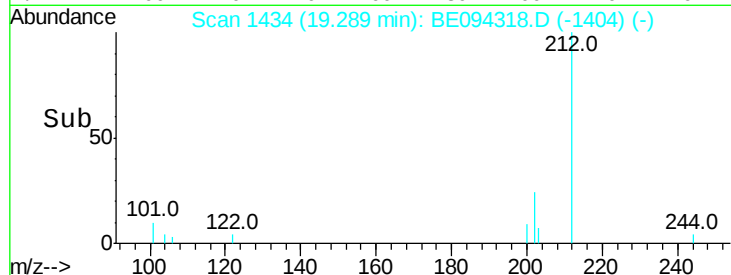
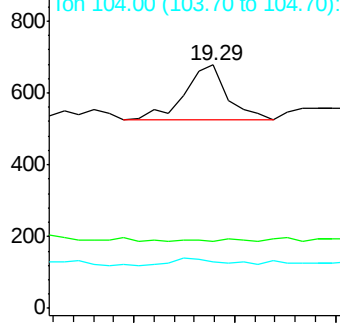
Tot Ion:	212	Resp:	229
Ion Ratio	Lower	Upper	
212	100		
106	0.0	2.8	4.2#
104	13.5	1.6	2.4#

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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: 0.180 ng

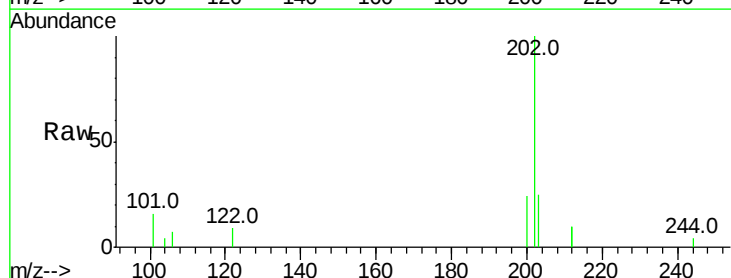
RT: 19.31 min Scan# 1437

Delta R.T. 0.01 min

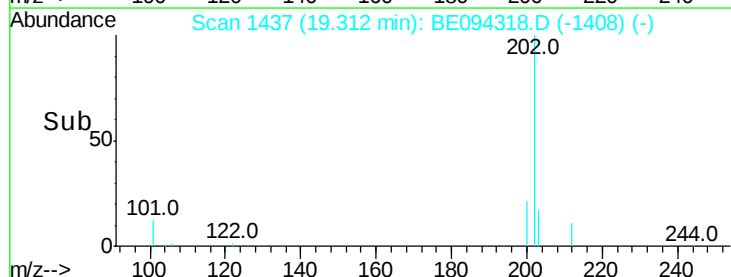
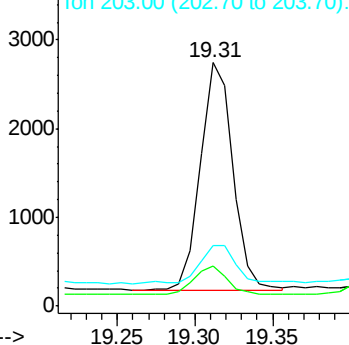
Lab File: BE094318.D

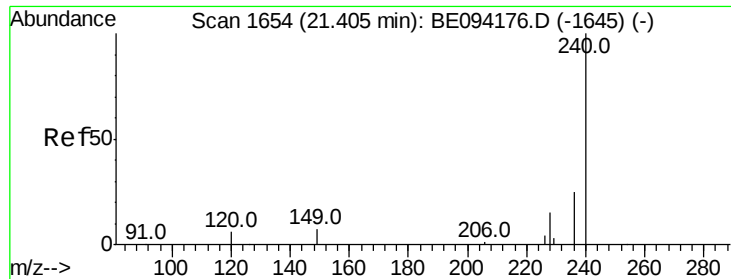
Acq: 12 Oct 2017 18:23

Tgt Ion:	202	Resp:	3726
Ion Ratio	Lower	Upper	
202	100		
101	13.8	9.8	14.8
203	18.7	13.7	20.5



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: 21.43 min Scan# 1656

Delta R.T. 0.02 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Instrument :

BNA_E

ClientSampleId :

LB-33(0-0.5)

Tot Ion:240 Resp: 9658

Ion Ratio Lower Upper

240 100

120 16.4 5.5 8.3#

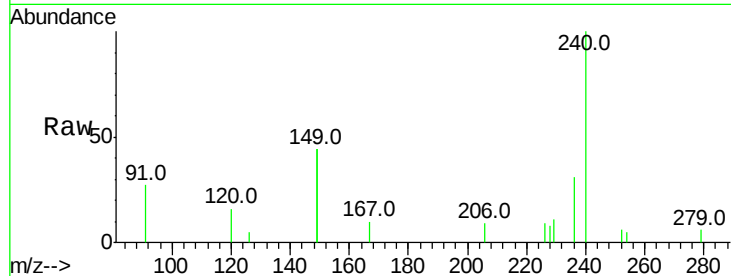
236 30.7 20.7 31.1

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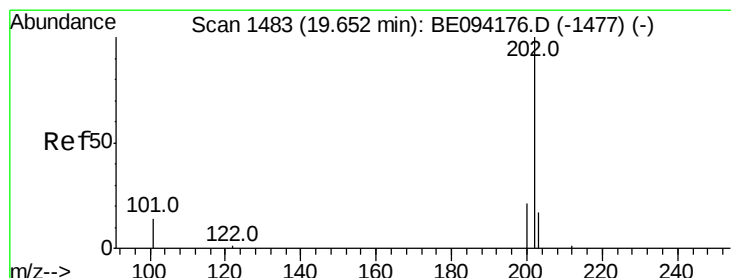
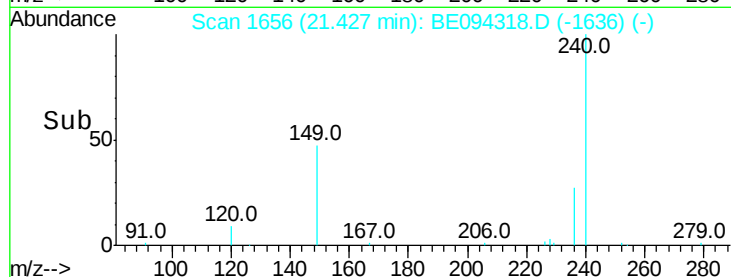
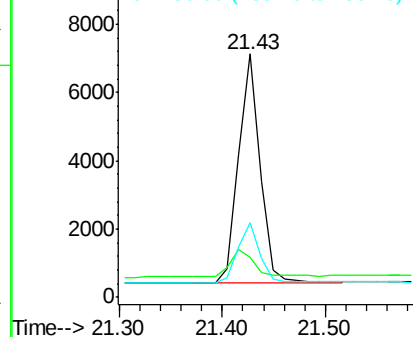
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.103 ng

RT: 19.67 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

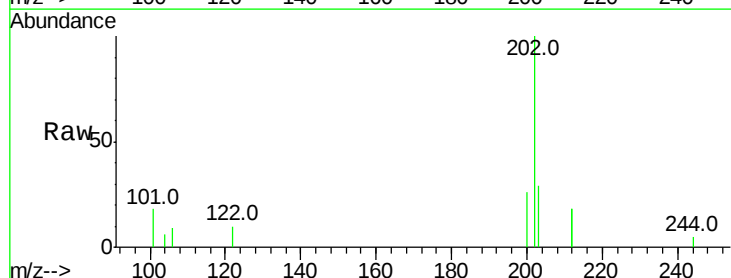
Tgt Ion:202 Resp: 3411

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

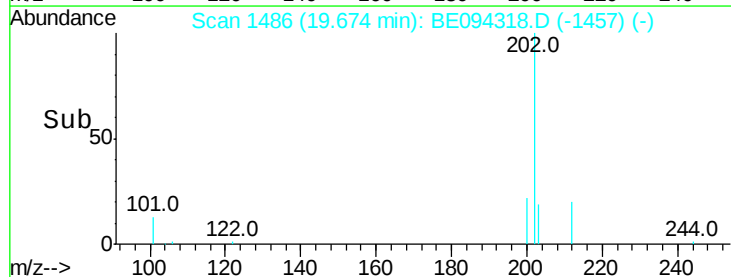
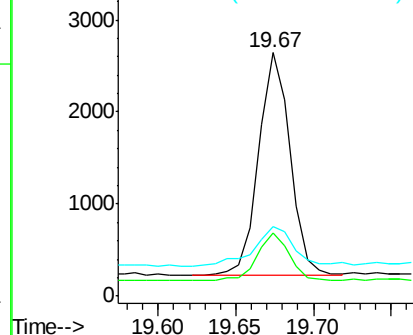
203 23.3 13.8 20.8#

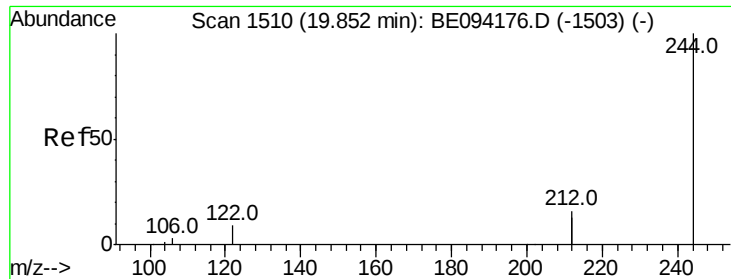


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 102.564 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.02 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

Instrument :

BNA_E

ClientSampleId :

LB-33(0-0.5)

Tot Ion:244 Resp: 1870586

Ion Ratio Lower Upper

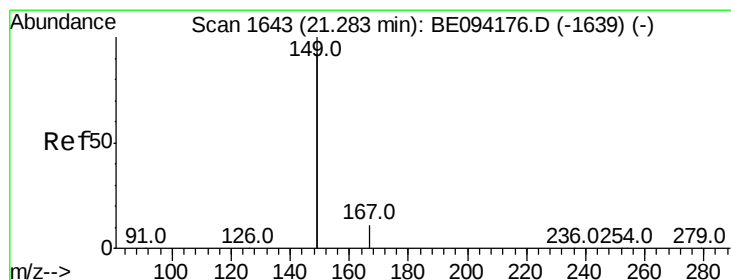
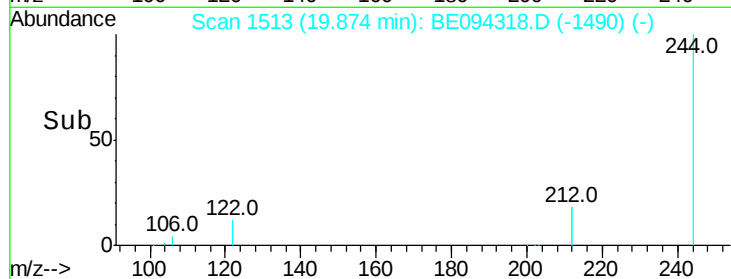
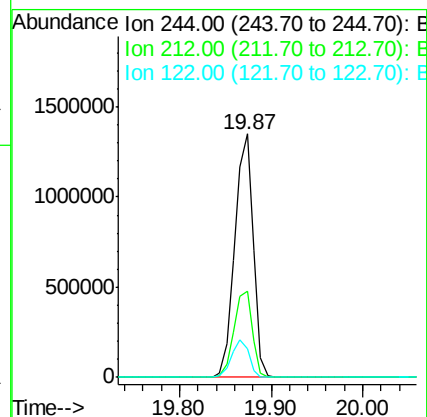
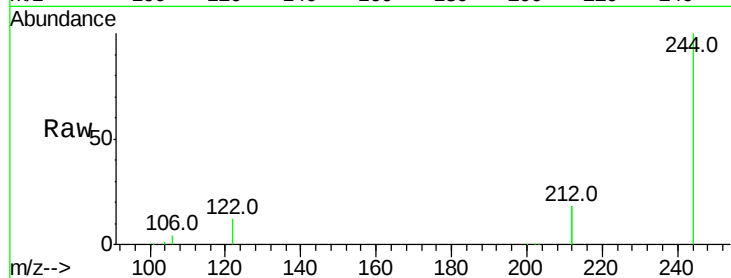
244 100

212 35.6 25.4 38.0

122 11.5 8.1 12.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.198 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094318.D

Acq: 12 Oct 2017 18:23

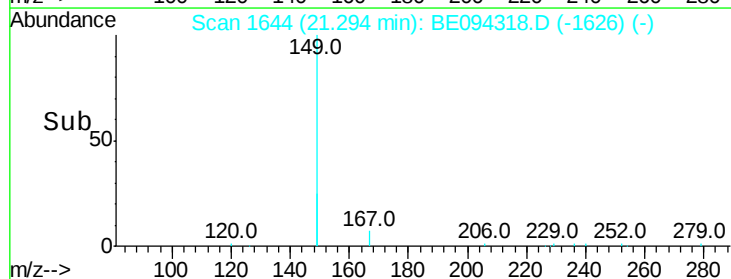
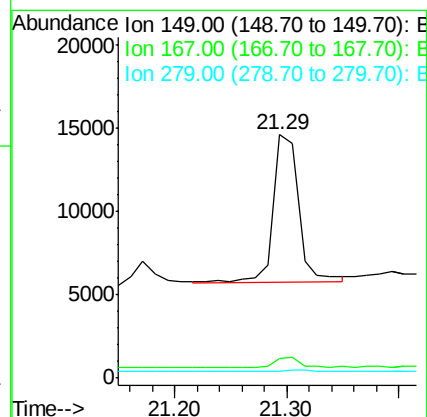
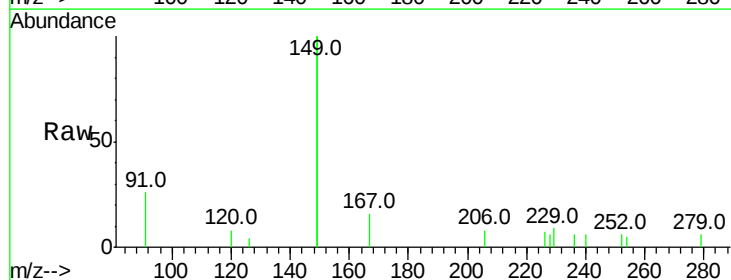
Tgt Ion:149 Resp: 14487

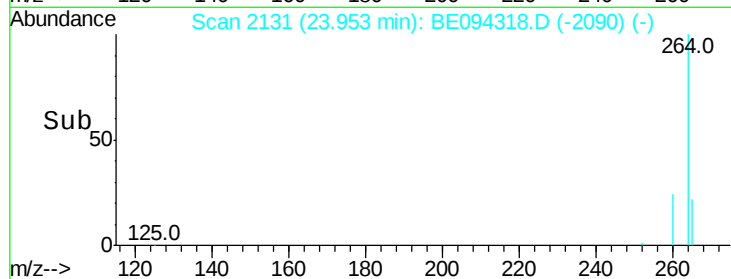
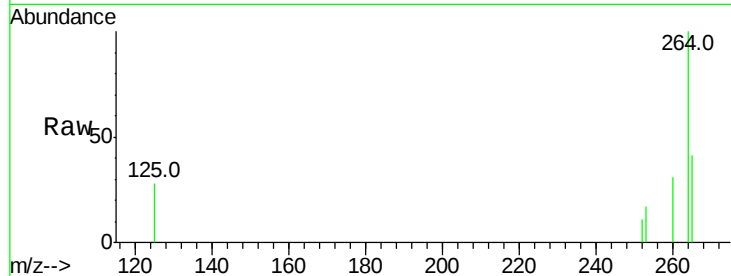
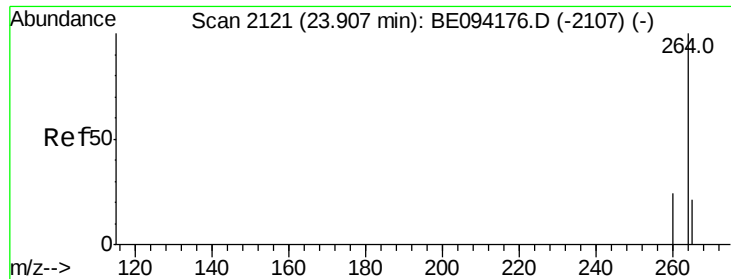
Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

279 1.5 0.7 1.1#





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2131
Delta R.T. 0.04 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :
LB-33(0-0.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	31.4	20.5	30.7#
265	40.8	22.8	34.2#

Manual Integrations
APPROVED

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