

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101217\
 Data File : BE094314.D
 Acq On : 12 Oct 2017 14:30
 Operator : SJ/JU
 Sample : I5530-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :
 LB-31(0-0.5)

Manual Integrations
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Sohil
 10/15/2017 12:27:43 PM

Quant Time: Oct 13 16:31:53 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	99529	20.00	ng	0.01
7) Naphthalene-d8	10.71	136	481966	20.00	ng	0.02
13) Acenaphthene-d10	14.53	164	251486	20.00	ng	0.02
19) Phenanthrene-d10	17.27	188	338355	20.00	ng	0.03
27) Chrysene-d12	21.43	240	542519	20.00	ng	0.02
34) Perylene-d12	23.97	264	531041	20.00	ng	0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	435113	65.59	ng	0.01
5) Phenol-d6	7.11	99	412897	42.94	ng	0.02
8) Nitrobenzene-d5	9.06	82	880739	109.74	ng	0.00
11) 2-Methylnaphthalene-d10	12.43	152	5	0.00	ng	0.15
14) 2,4,6-Tribromophenol	16.03	330	295868	135.31	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	1685423	97.82	ng	0.02
25) Fluoranthene-d10	19.33	212	89	0.00	ng	0.06
29) Terphenyl-d14	19.87	244	1786346	87.18	ng	0.02
Target Compounds						
9) Naphthalene	10.76	128	120692	1.112	ng	99
12) 2-Methylnaphthalene	12.36	142	18481	1.036	ng	98
16) Acenaphthylene	14.24	152	1936	0.076	ng	# 86
17) Acenaphthene	14.58	154	18283	1.087	ng	96
18) Fluorene	15.58	166	10260	0.466	ng	98
23) Phenanthrene	17.30	178	18076m	0.771	ng	
26) Fluoranthene	19.32	202	4153	0.202	ng	97
28) Pyrene	19.67	202	3096	0.083	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.30	149	25051	0.305	ng	# 99

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

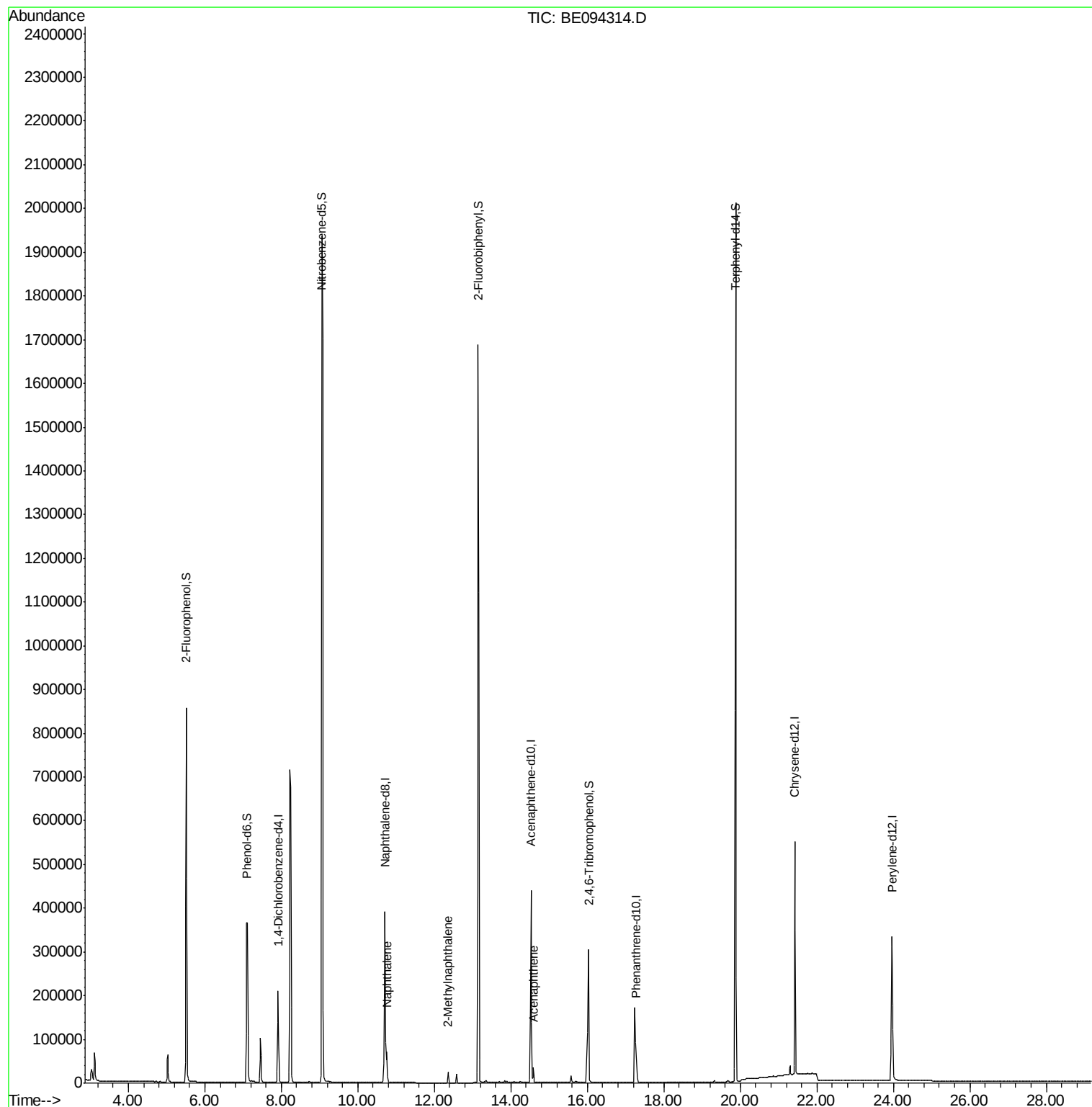
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Data File : BE094314.D
Acq On : 12 Oct 2017 14:30
Operator : SJ/JU
Sample : I5530-15
Misc :
ALS Vial : 5 Sample Multiplier: 50

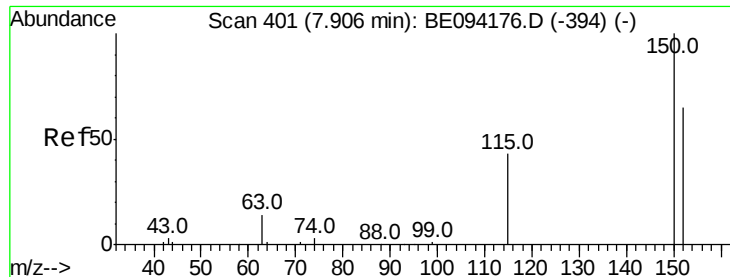
Instrument :
BNA_E
ClientSampleId :
LB-31(0-0.5)

Manual Integrations
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10/15/2017 12:27:43 PM

Quant Time: Oct 13 16:31:53 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

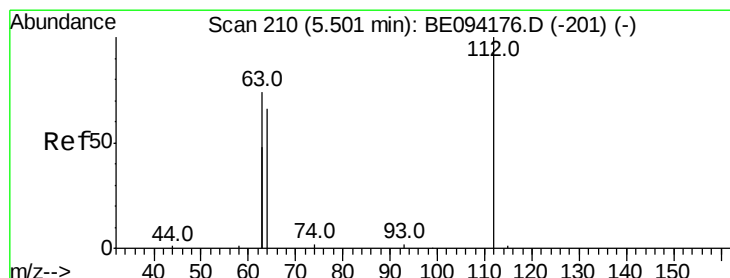
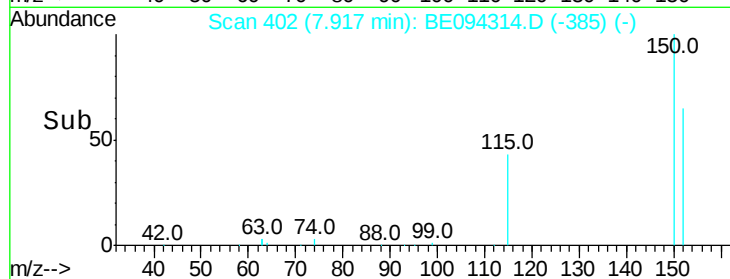
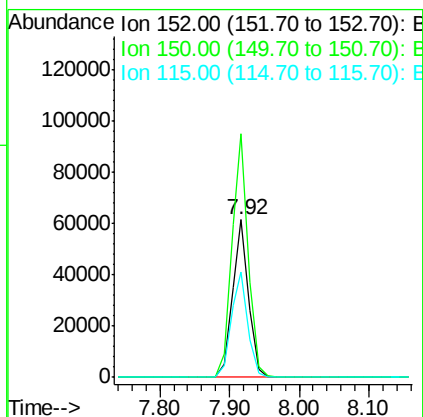
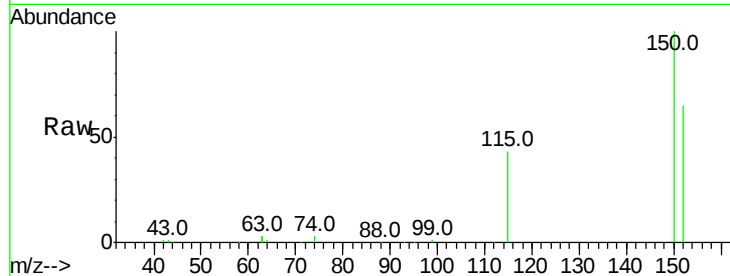
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Instrument :
BNA_E
ClientSampleId :
LB-31(0-0.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	117.2	175.8
115	66.6	57.0	85.6

Manual Integrations
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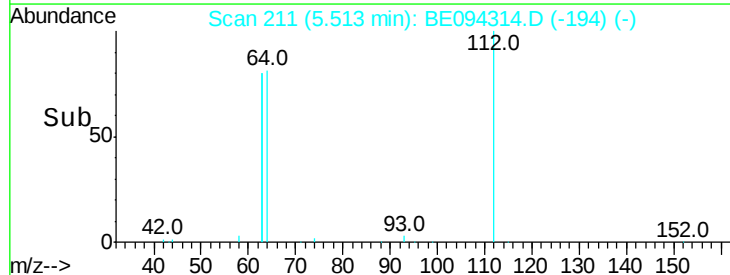
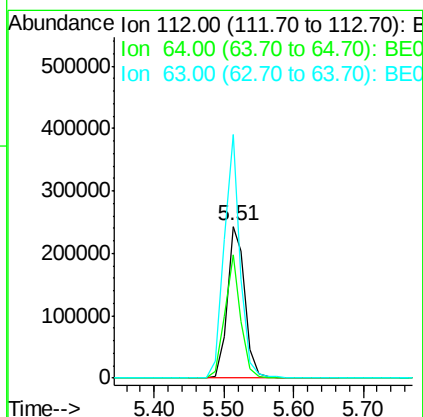
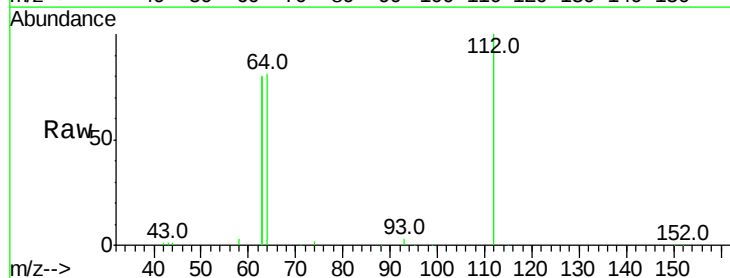
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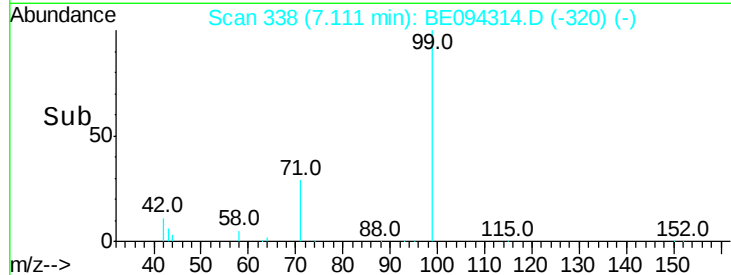
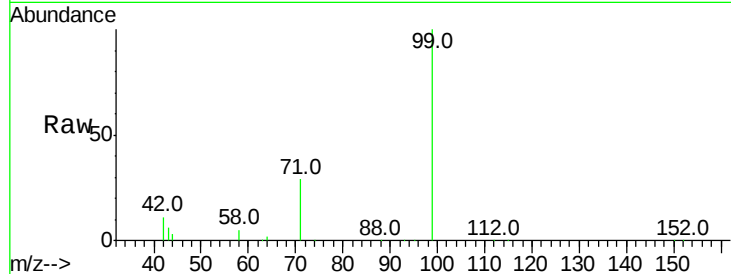
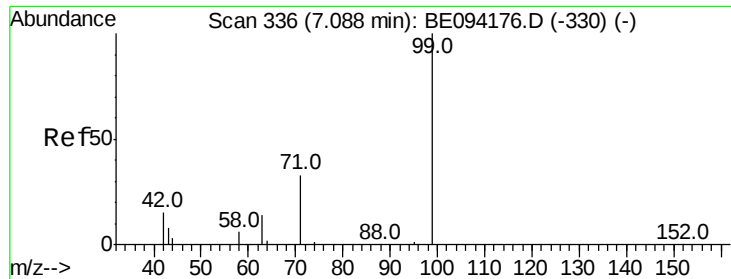


#4

2-Fluorophenol
Concen: 65.594 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.01 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	60.1	90.1
63	145.5	116.8	175.2





#5

Phenol-d6

Concen: 42.936 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.02 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Tot Ion:	99	Resp:	412897
Ion Ratio	Lower	Upper	
99	100		
42	20.0	20.2	30.2#
71	34.5	28.4	42.6

Instrument :

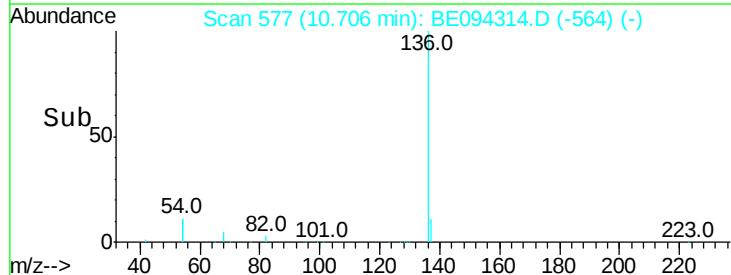
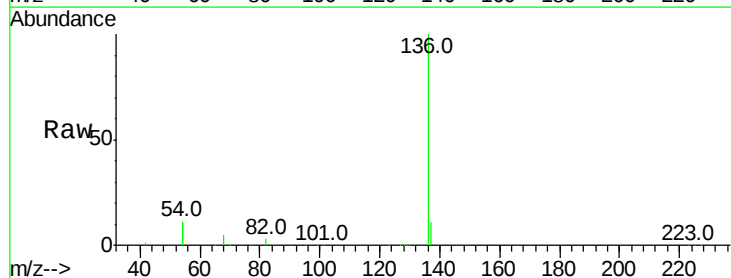
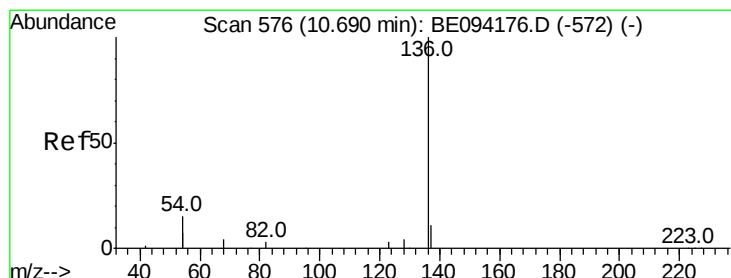
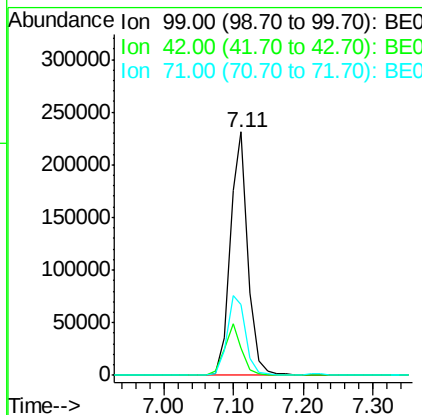
BNA_E

ClientSampleId :

LB-31(0-0.5)

Manual Integrations
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#7

Naphthalene-d8

Concen: 20.000 ng

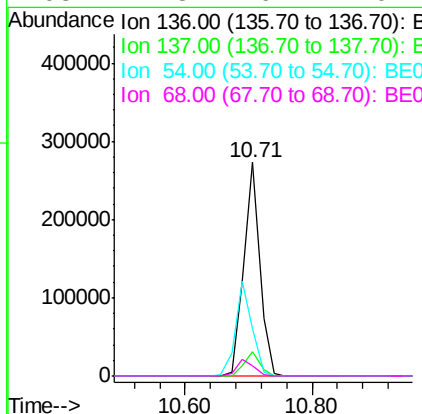
RT: 10.71 min Scan# 577

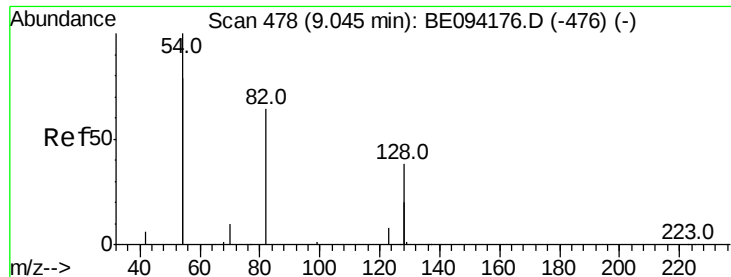
Delta R.T. 0.02 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Tgt Ion:	136	Resp:	481966
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.5	14.3
54	22.2	29.1	43.7#
68	4.8	6.2	9.2#





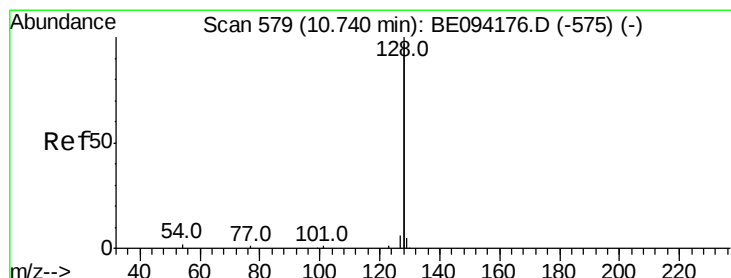
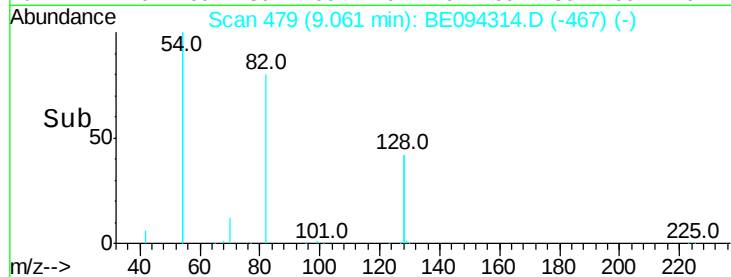
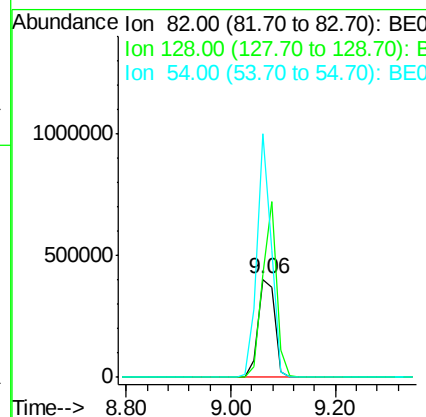
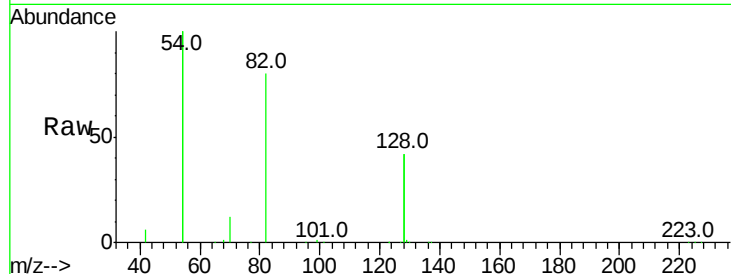
#8
 Nitrobenzene-d5
 Concen: 109.742 ng
 RT: 9.06 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BE094314.D
 Acq: 12 Oct 2017 14:30

Instrument :
 BNA_E
 ClientSampled :
 LB-31(0-0.5)

Tot Ion	Ratio	Lower	Upper
82	100		
128	105.5	150.0	225.0#
54	248.6	154.2	231.4#

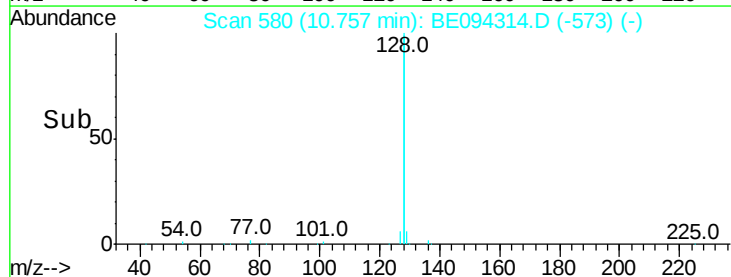
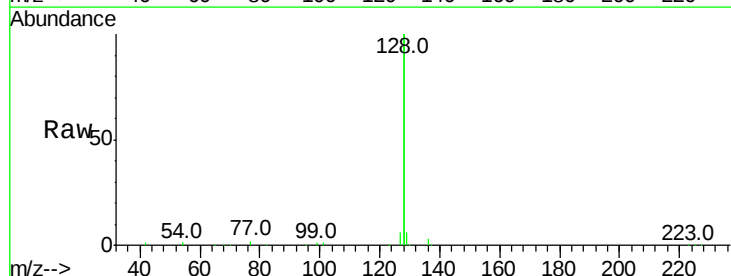
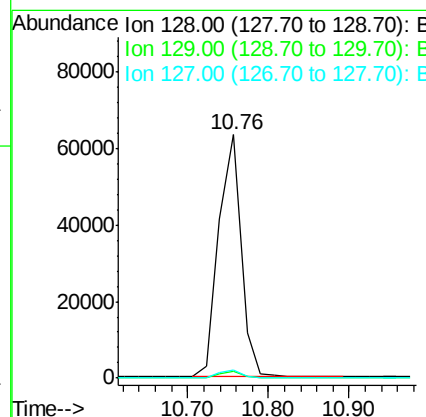
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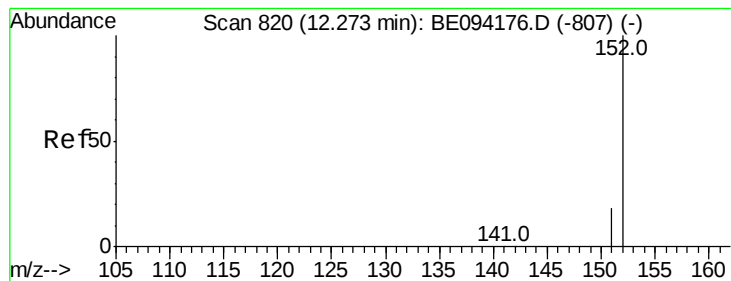
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#9
 Naphthalene
 Concen: 1.112 ng
 RT: 10.76 min Scan# 580
 Delta R.T. 0.02 min
 Lab File: BE094314.D
 Acq: 12 Oct 2017 14:30

Tgt Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.1	2.8	4.2





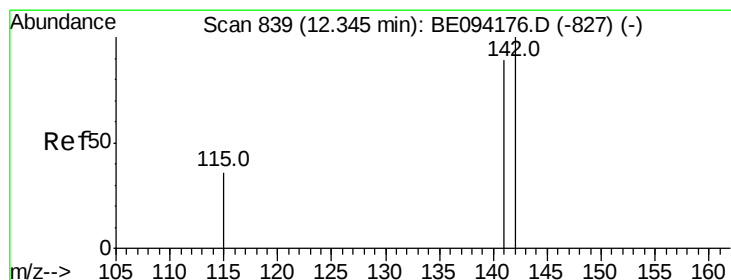
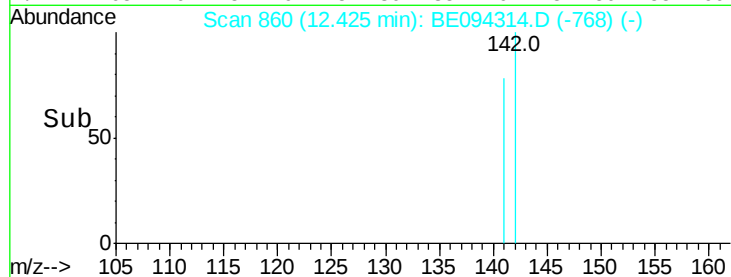
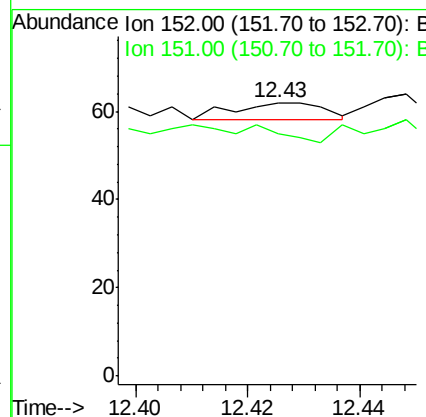
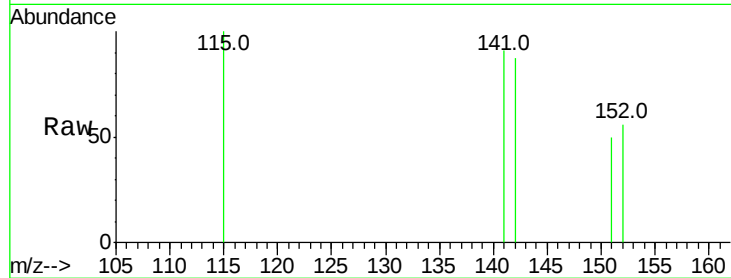
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.43 min Scan# 860
Delta R.T. 0.15 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Instrument :
BNA_E
ClientSampleId :
LB-31(0-0.5)

Tot Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.0

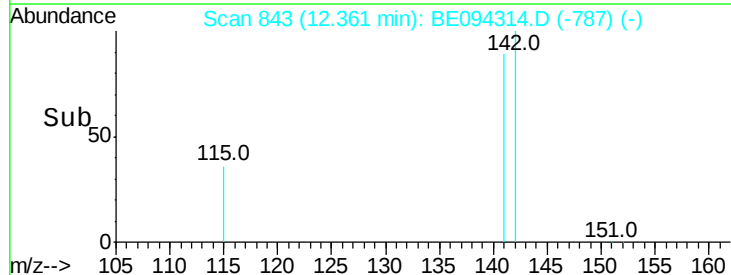
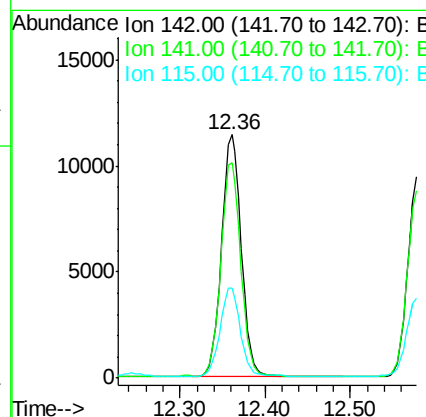
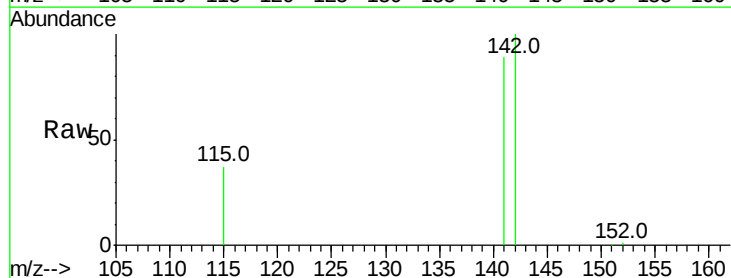
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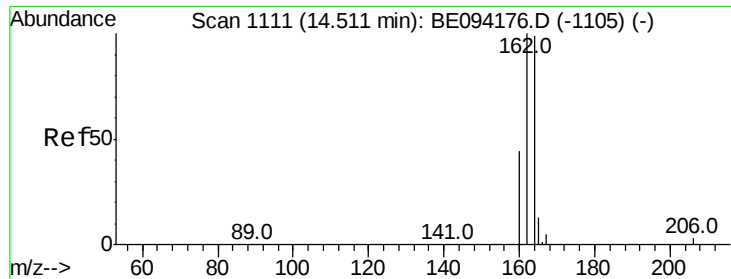
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#12
2-Methylnaphthalene
Concen: 1.036 ng
RT: 12.36 min Scan# 843
Delta R.T. 0.01 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion:142 Resp: 18481
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 36.9 31.7 47.5





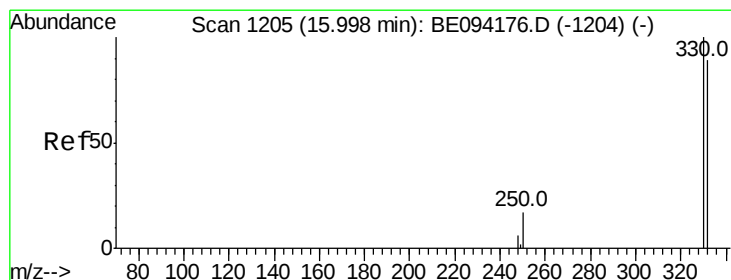
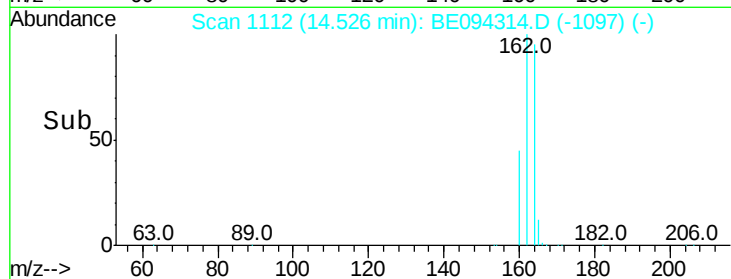
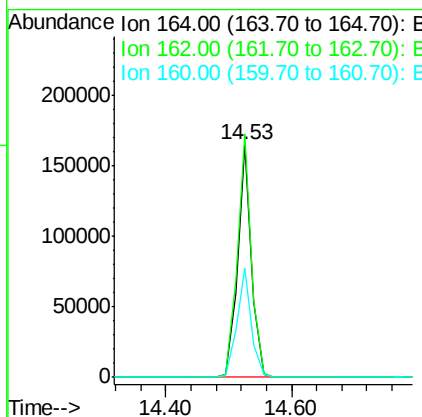
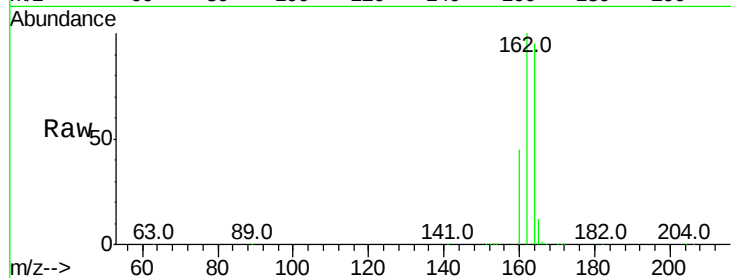
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Instrument :
BNA_E
ClientSampleId :
LB-31(0-0.5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	83.1	124.7	
160	47.3	37.1	55.7	

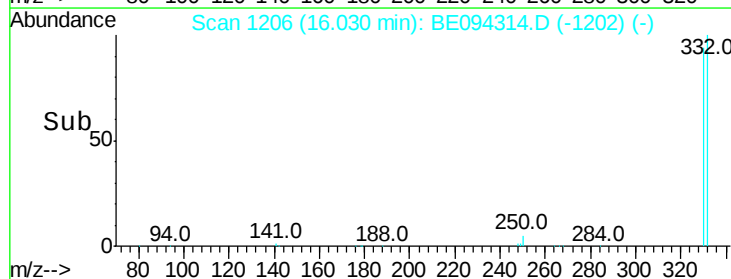
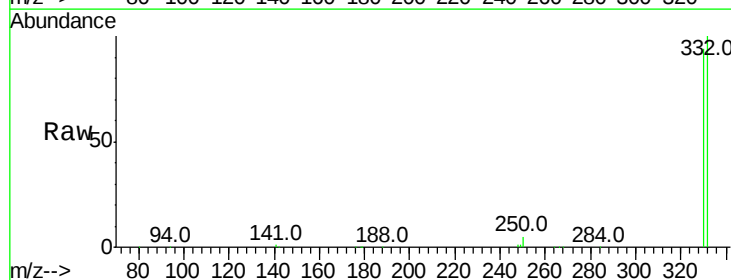
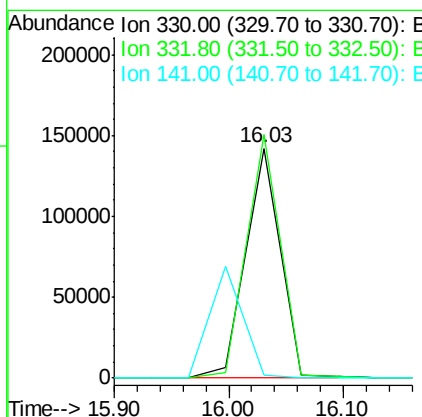
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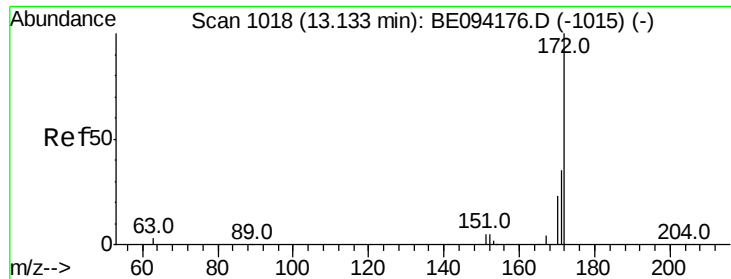
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#14
2,4,6-Tribromophenol
Concen: 135.313 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.7	152.7	229.1#	
141	0.0	33.7	50.5#	





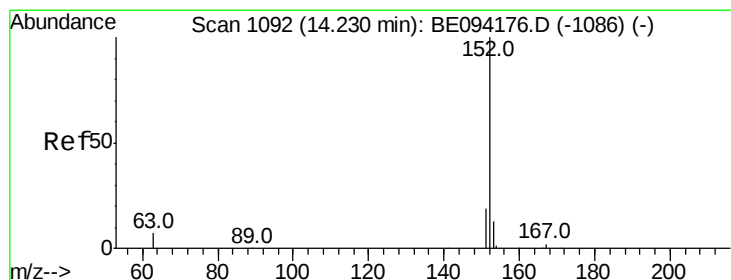
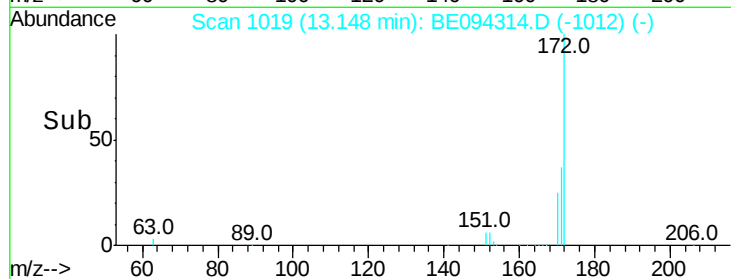
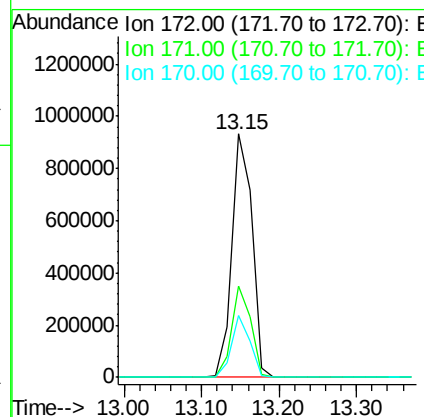
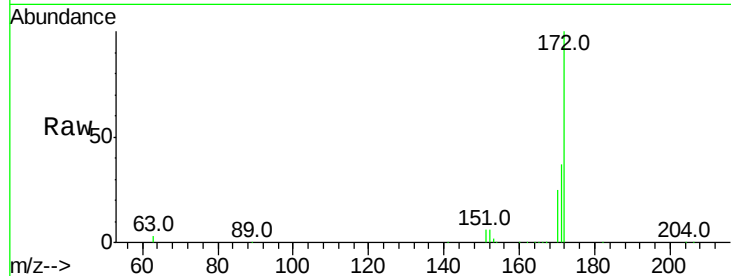
#15
2-Fluorobiphenyl
Concen: 97.818 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Instrument :
BNA_E
ClientSampleId :
LB-31(0-0.5)

Tot Ion:172 Resp: 1685423
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 25.3 21.8 32.8

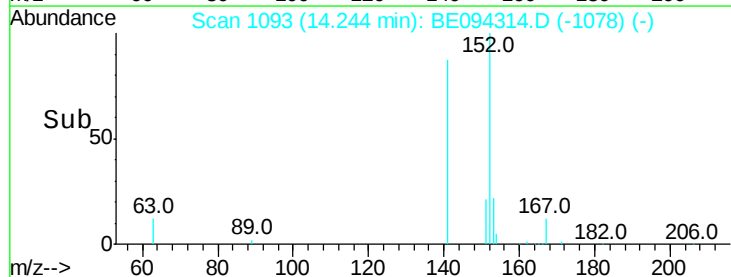
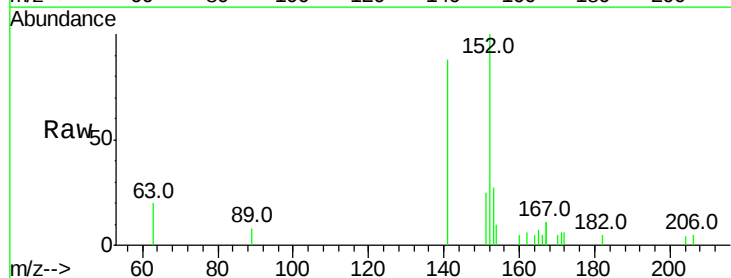
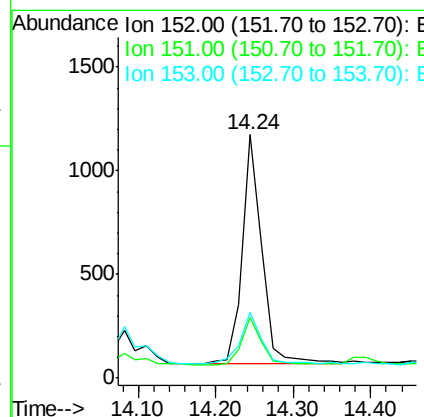
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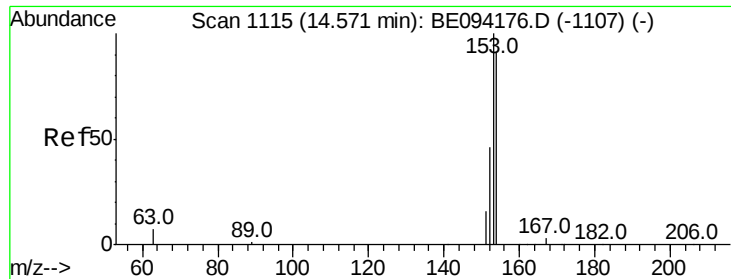
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#16
Acenaphthylene
Concen: 0.076 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion:152 Resp: 1936
Ion Ratio Lower Upper
152 100
151 21.2 15.7 23.5
153 24.7 10.5 15.7#





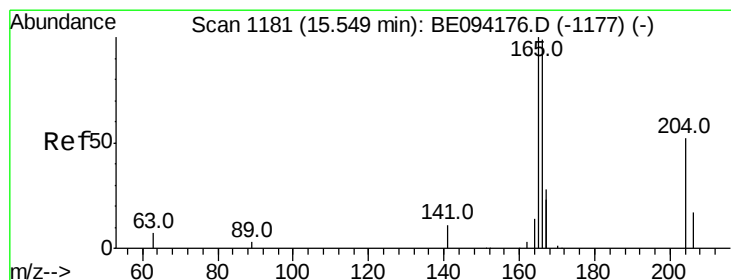
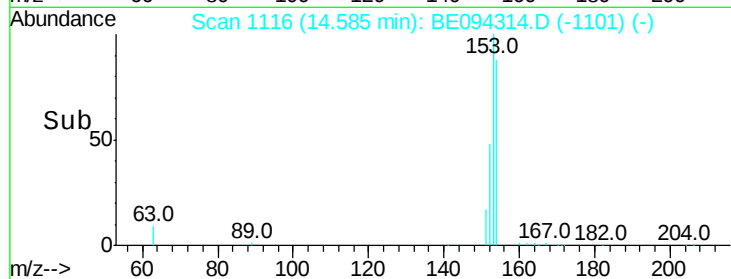
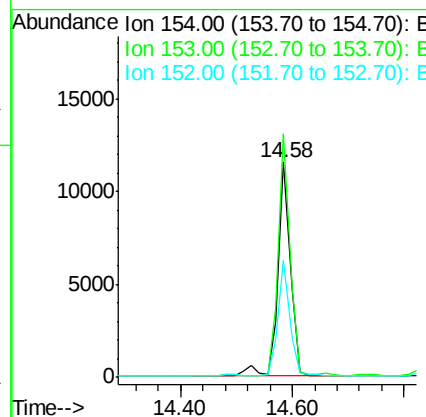
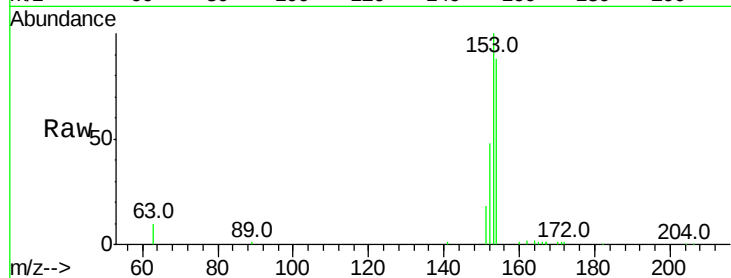
#17
Acenaphthene
Concen: 1.087 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.02 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Instrument :
BNA_E
ClientSampleId :
LB-31(0-0.5)

Tot Ion	Ratio	Lower	Upper
154	100		
153	105.7	89.2	133.8
152	51.7	42.0	63.0

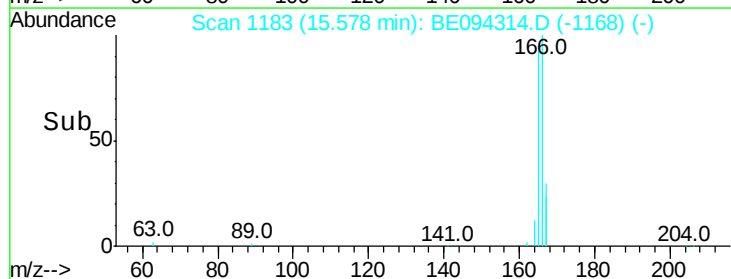
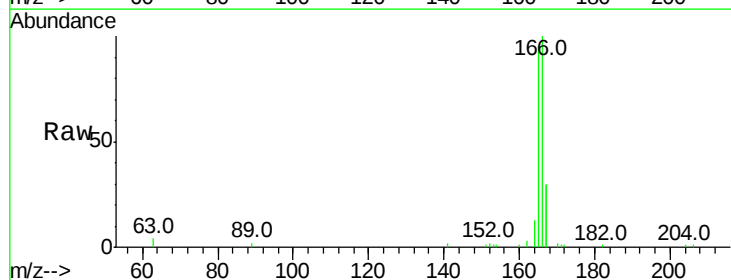
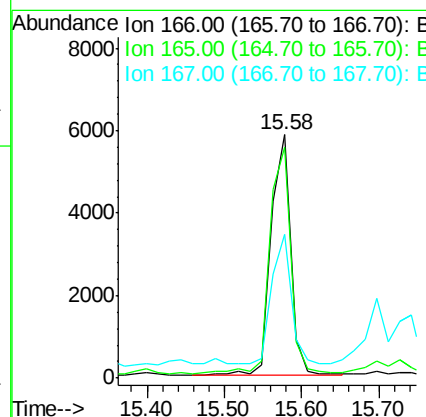
Manual Integrations
APPROVED

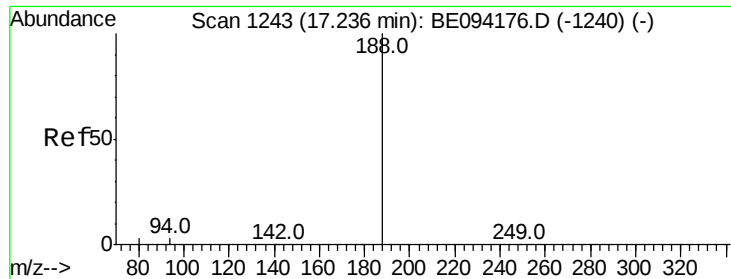
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#18
Fluorene
Concen: 0.466 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.6
167	53.8	42.4	63.6





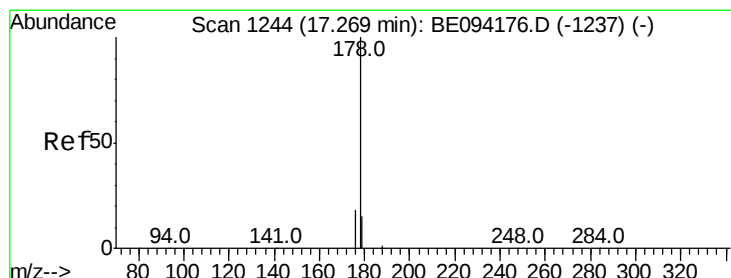
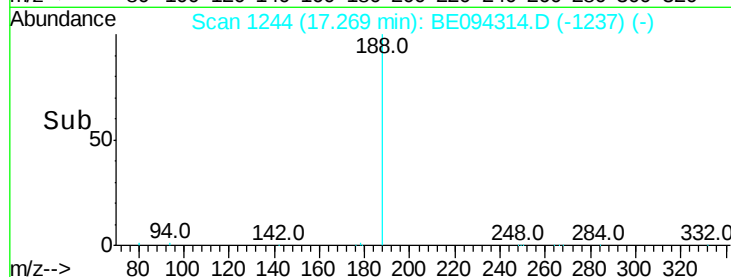
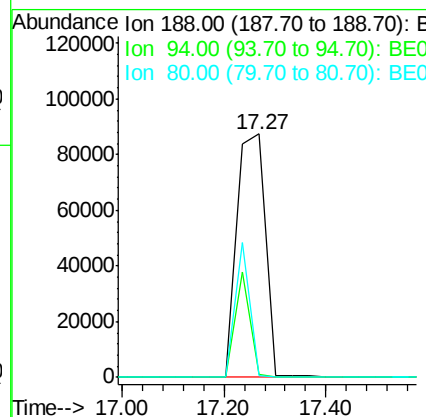
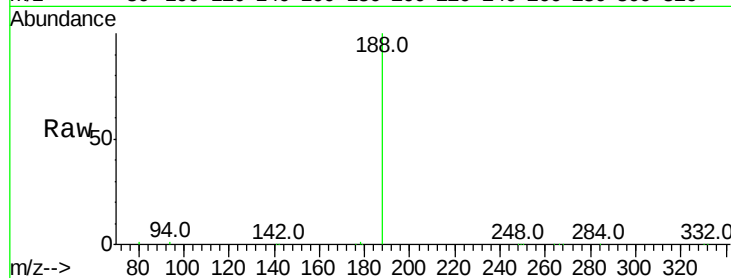
#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Instrument :
BNA_E
ClientSampleId :
LB-31(0-0.5)

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	1.0	3.9	5.9#
80	0.8	3.6	5.4#

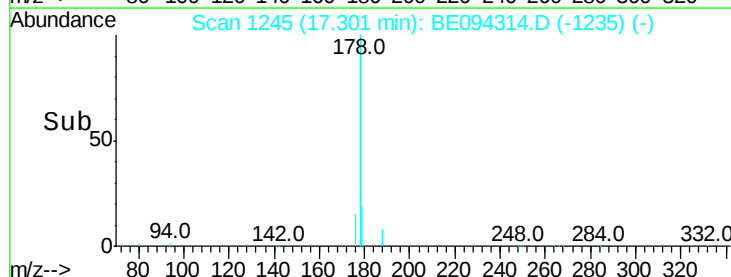
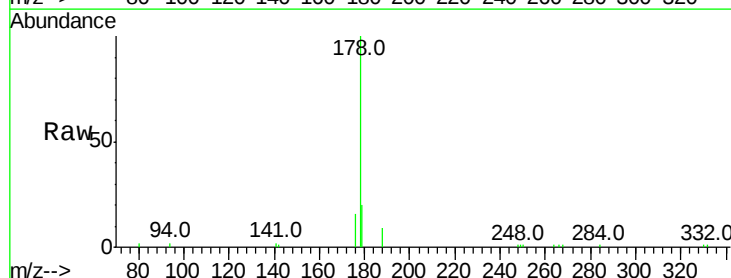
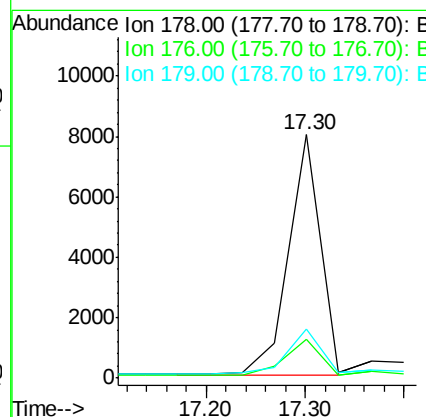
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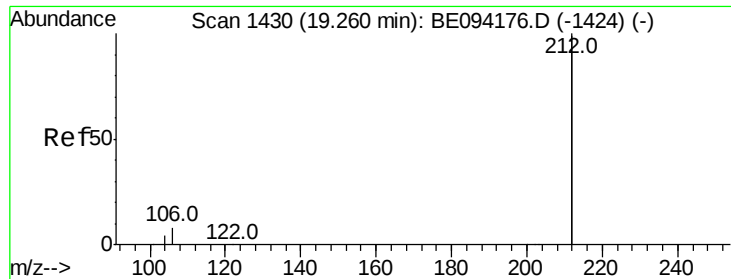
Sohil
10/15/2017 12:27:43 PM



#23
Phenanthrene
Concen: 0.771 ng m
RT: 17.30 min Scan# 1245
Delta R.T. 0.03 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.2	15.1	22.7
179	22.4	11.8	17.6#





#25

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.33 min Scan# 1439

Delta R.T. 0.06 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Instrument :

BNA_E

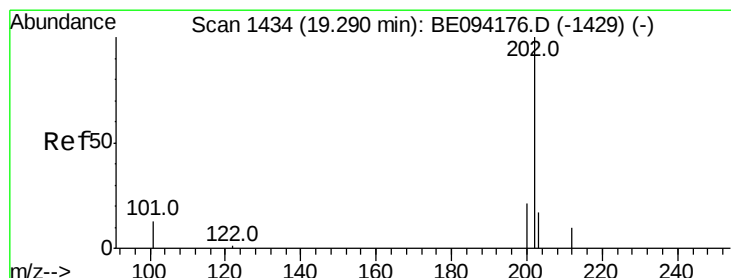
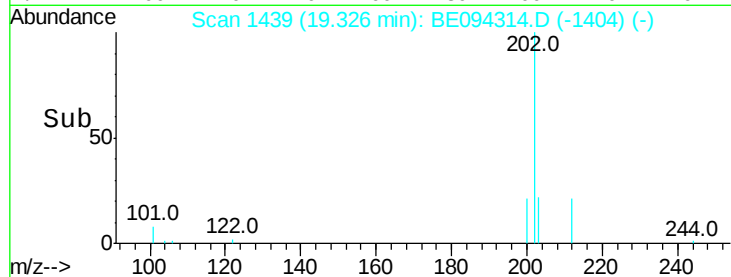
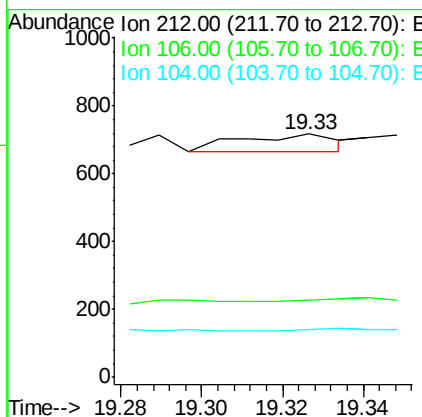
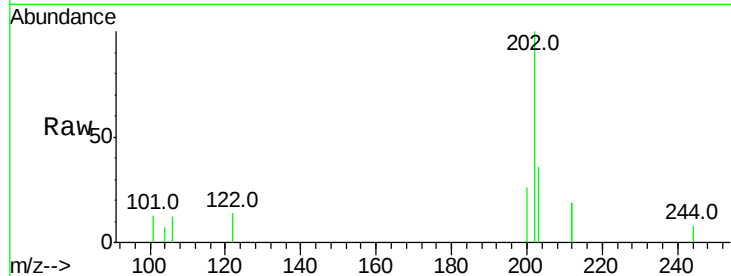
ClientSampleId :

LB-31(0-0.5)

Tot Ion:	212	Resp:	89
Ion Ratio	Lower	Upper	
212	100		
106	29.2	2.8	4.2#
104	15.7	1.6	2.4#

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#26

Fluoranthene

Concen: 0.202 ng

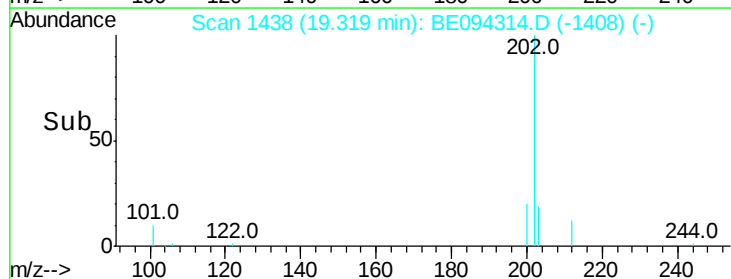
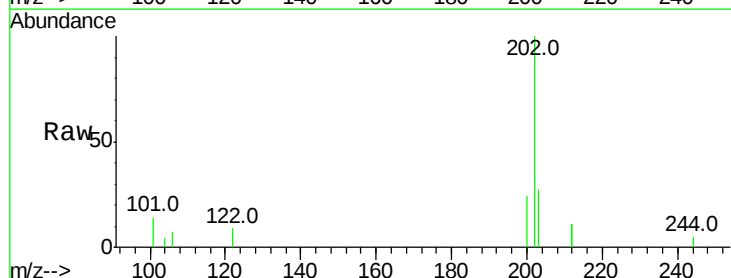
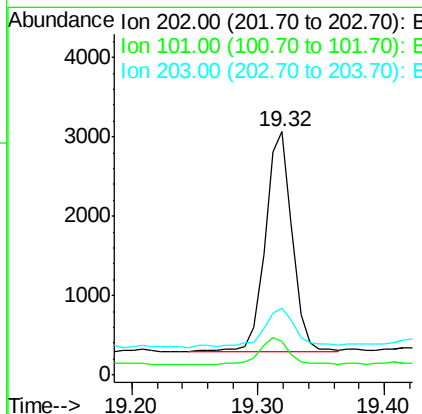
RT: 19.32 min Scan# 1438

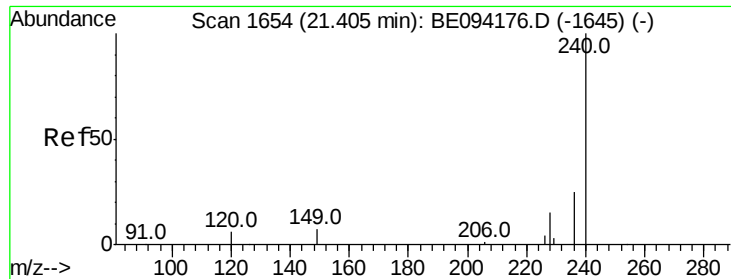
Delta R.T. 0.02 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Tgt Ion:	202	Resp:	4153
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.8	14.8
203	19.4	13.7	20.5





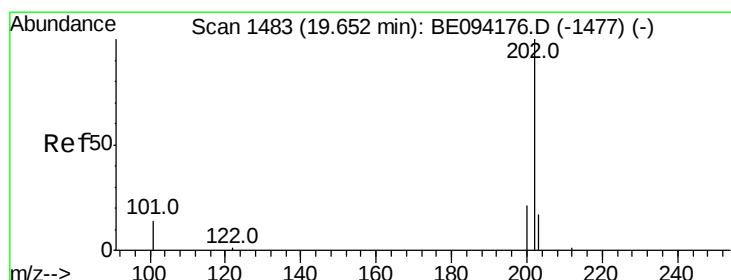
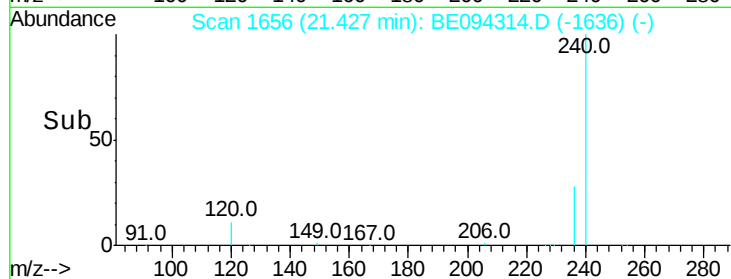
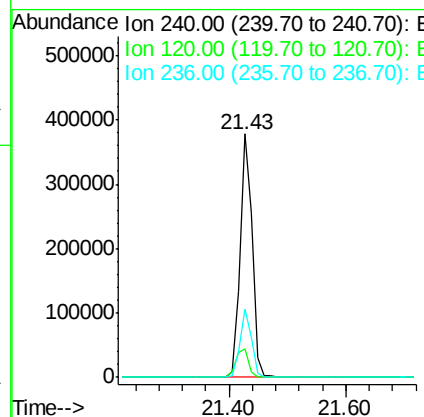
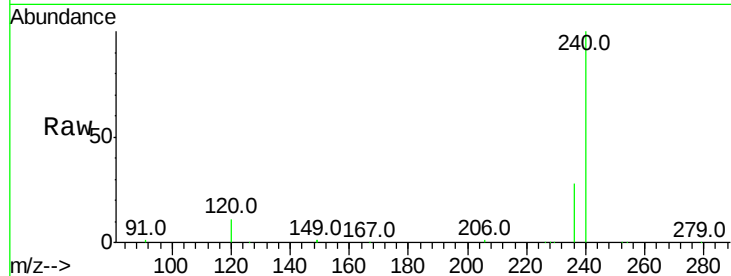
#27
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.02 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Instrument :
BNA_E
ClientSampleId :
LB-31(0-0.5)

Tot Ion:240 Resp: 542519
Ion Ratio Lower Upper
240 100
120 11.5 5.5 8.3#
236 27.9 20.7 31.1

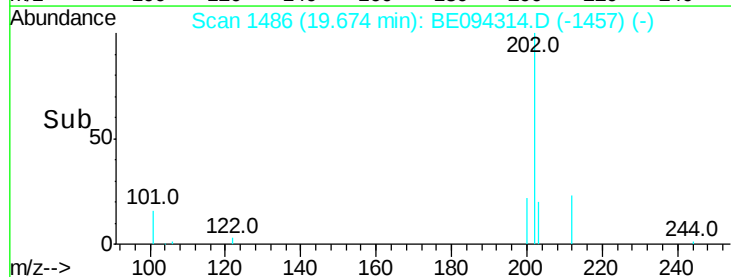
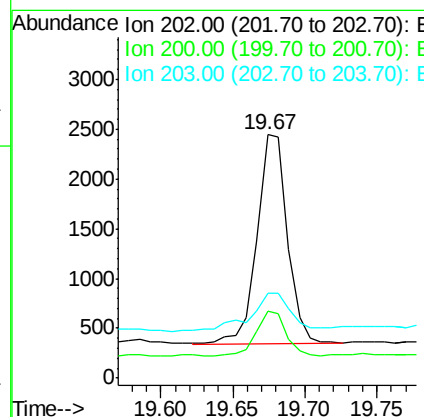
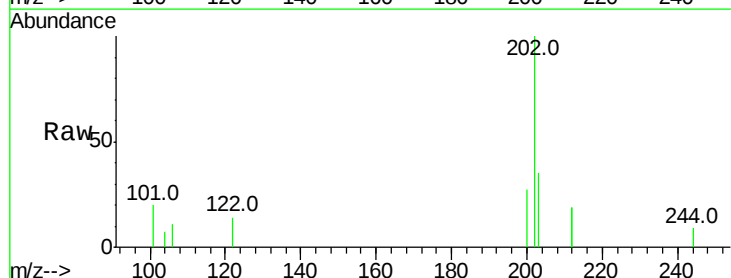
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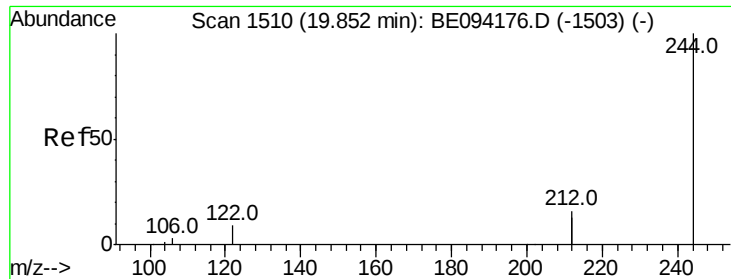
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#28
Pyrene
Concen: 0.083 ng
RT: 19.67 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Tgt Ion:202 Resp: 3096
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 24.5 13.8 20.8#





#29

Terphenyl-d14

Concen: 87.181 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.02 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

Instrument :

BNA_E

ClientSampleId :

LB-31(0-0.5)

Tot Ion:244 Resp: 1786346

Ion Ratio Lower Upper

244 100

212 35.9 25.4 38.0

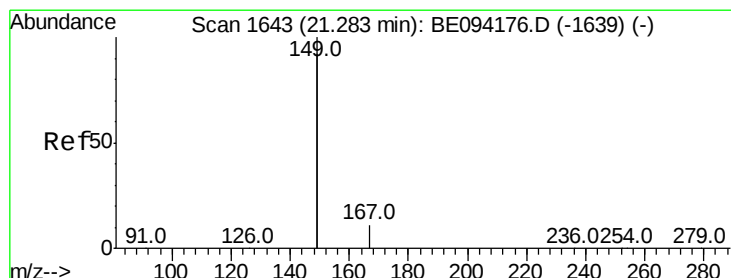
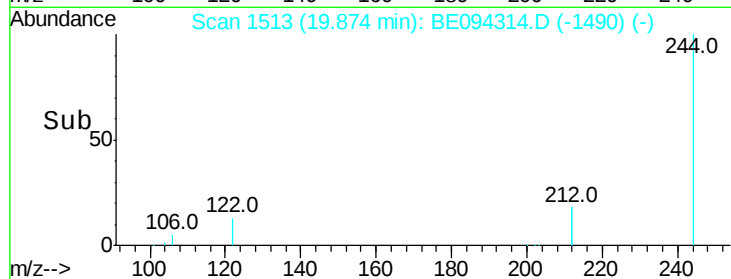
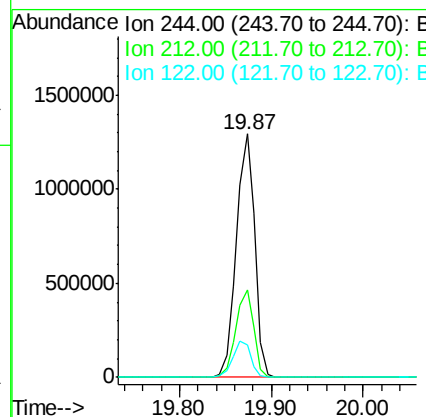
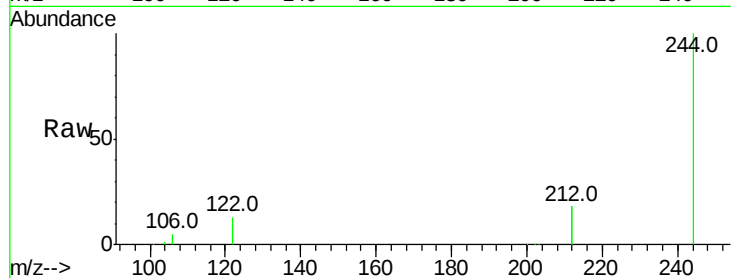
122 13.1 8.1 12.1#

Manual Integrations

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.305 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BE094314.D

Acq: 12 Oct 2017 14:30

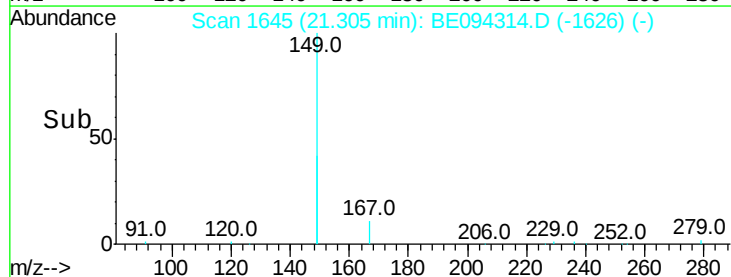
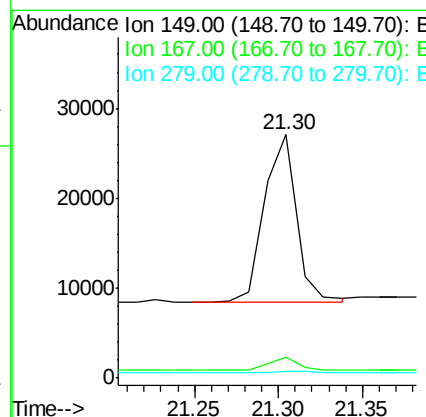
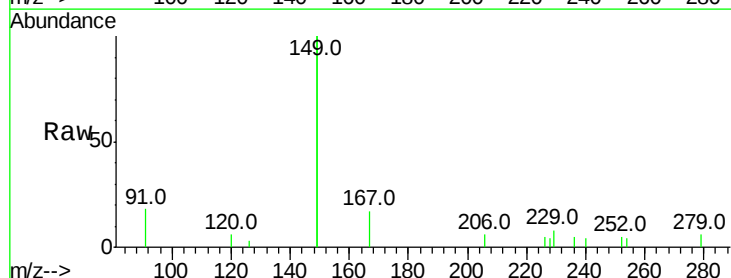
Tgt Ion:149 Resp: 25051

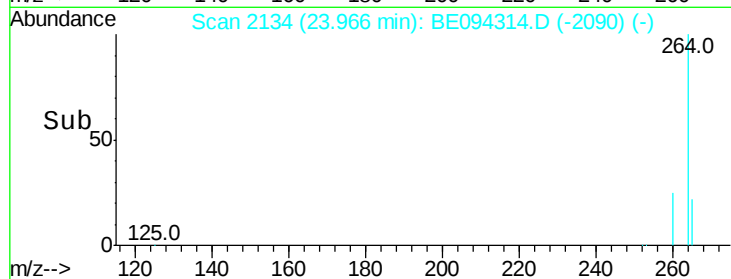
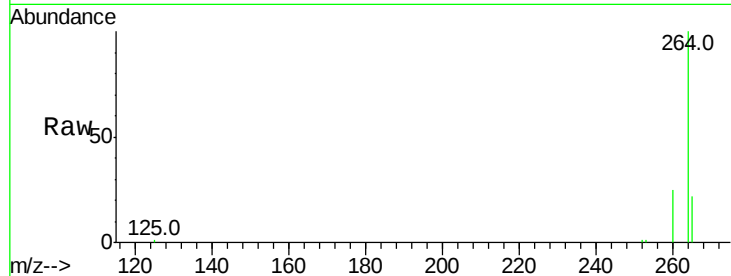
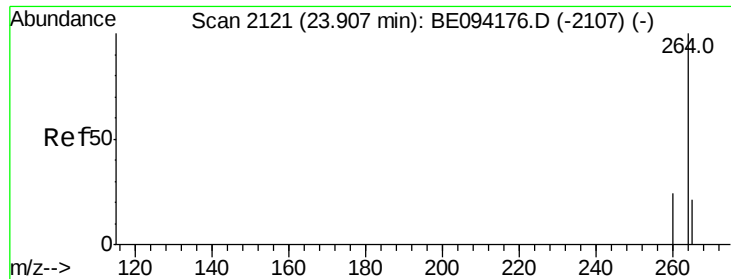
Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

279 1.3 0.7 1.1#





#34
Pervlene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 2134
Delta R.T. 0.05 min
Lab File: BE094314.D
Acq: 12 Oct 2017 14:30

Instrument :
BNA_E
ClientSampleId :
LB-31(0-0.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	22.1	22.8	34.2

Manual Integrations
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