

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101217\
 Data File : BE094317.D
 Acq On : 12 Oct 2017 17:44
 Operator : SJ/JU
 Sample : I5530-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LB-32(1.5-2)

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:27:45 PM

Quant Time: Oct 12 23:30:18 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	1702	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	8192	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	4342	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	6390m	0.40	ng	0.00
27) Chrysene-d12	21.43	240	9692	0.40	ng	0.02
34) Perylene-d12	23.95	264	9083	0.40	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	372071	65.60	ng	0.01
5) Phenol-d6	7.10	99	331665	40.34	ng	0.01
8) Nitrobenzene-d5	9.06	82	976781	143.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8	0.00	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	253549	134.32	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	1830807	123.09	ng	0.01
25) Fluoranthene-d10	19.28	212	244	0.00	ng	0.02
29) Terphenyl-d14	19.87	244	1916072	104.69	ng	0.02
Target Compounds						
9) Naphthalene	10.76	128	168163	1.823	ng	99
12) 2-Methylnaphthalene	12.36	142	8035	0.530	ng	99
16) Acenaphthylene	14.24	152	12400	0.564	ng	97
17) Acenaphthene	14.58	154	17298	1.191	ng	98
18) Fluorene	15.58	166	15688	0.825	ng	98
23) Phenanthrene	17.30	178	33260m	1.502	ng	
24) Anthracene	17.37	178	5237m	0.310	ng	
26) Fluoranthene	19.31	202	14291	0.736	ng	99
28) Pyrene	19.67	202	11649	0.349	ng	# 96
30) Benzo(a)anthracene	21.40	228	3890	0.122	ng	# 64
31) Chrysene	21.46	228	3728	0.119	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.29	149	20803	0.284	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.63	276	1668	0.053	ng	# 83

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

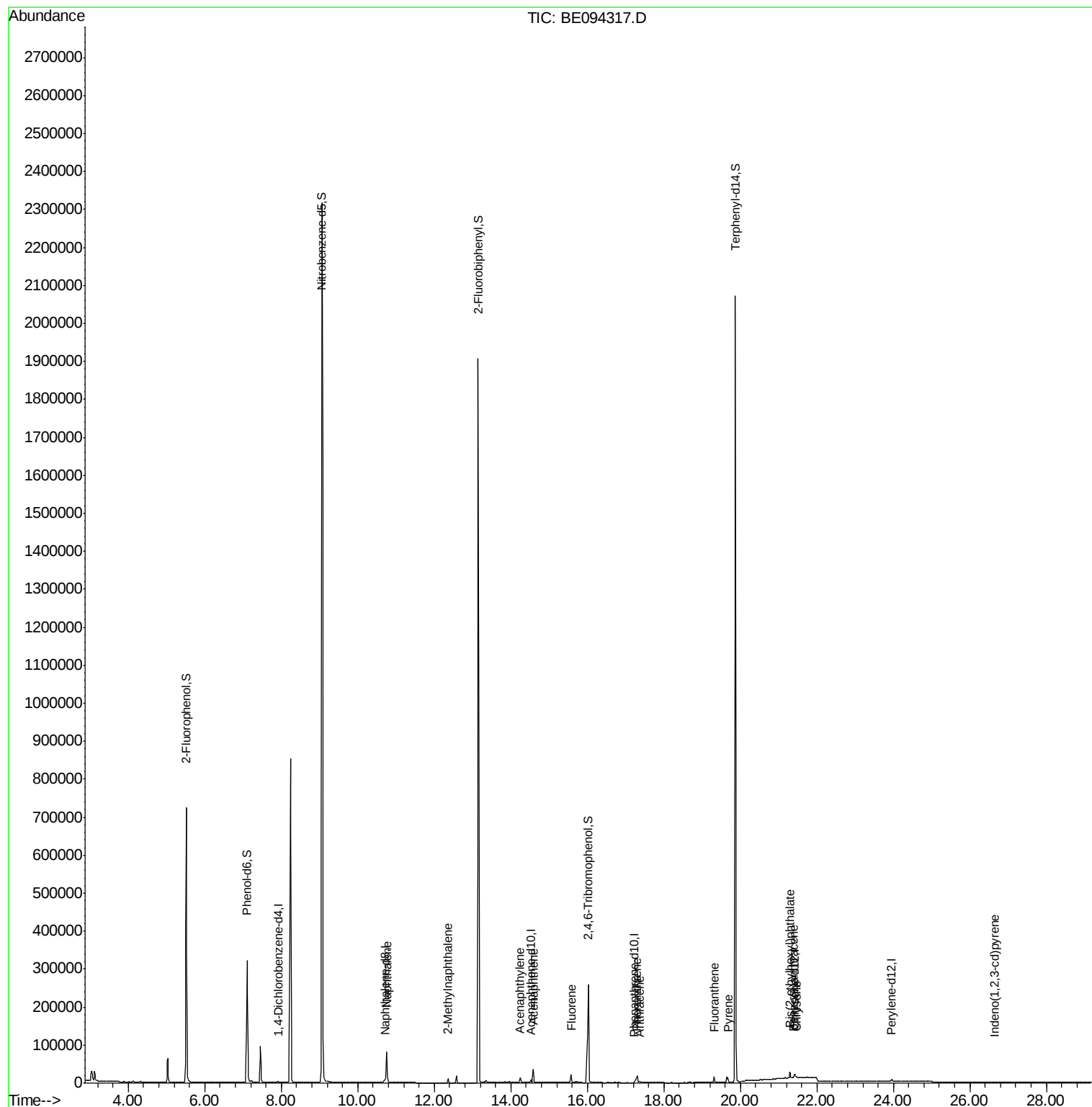
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101217\
Data File : BE094317.D
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ALS Vial : 8 Sample Multiplier: 1

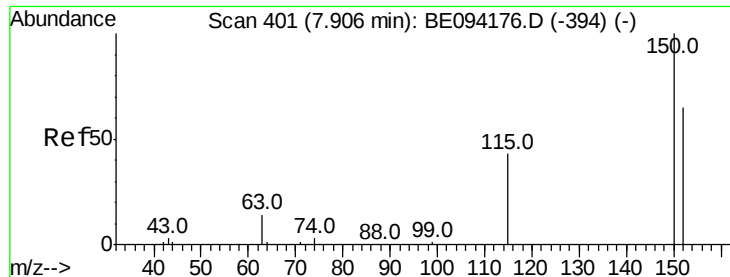
Instrument :
BNA_E
ClientSampleId :
LB-32(1.5-2)

Manual Integrations
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#1

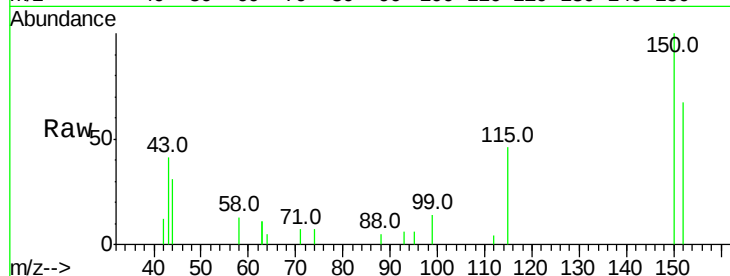
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Instrument :
BNA_E
ClientSampleId :
LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	117.2	175.8
115	68.6	57.0	85.6

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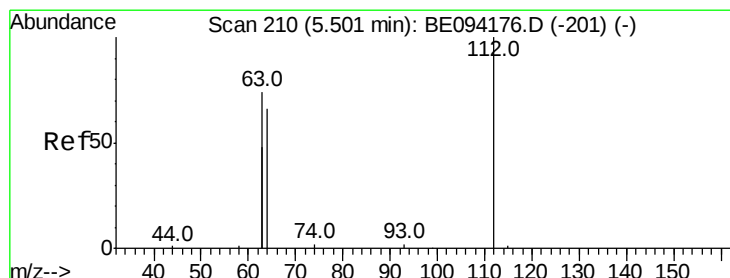
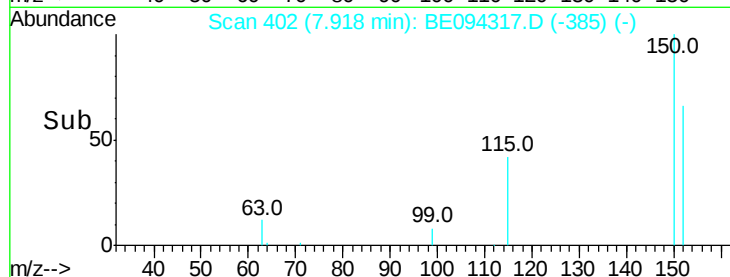
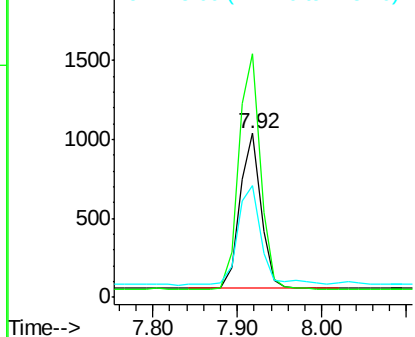


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

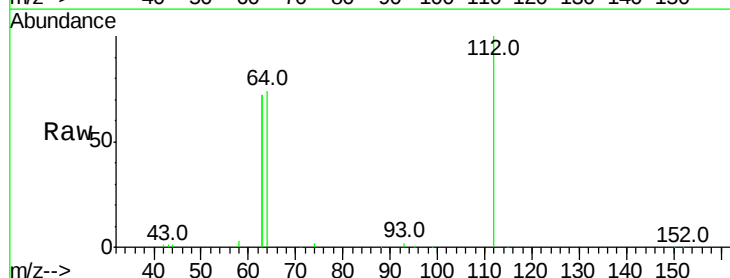
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 65.600 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.01 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	60.1	90.1
63	143.2	116.8	175.2

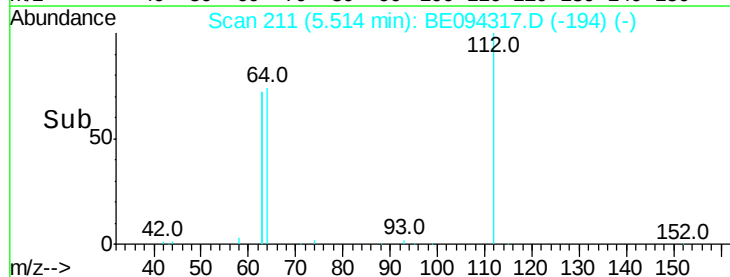
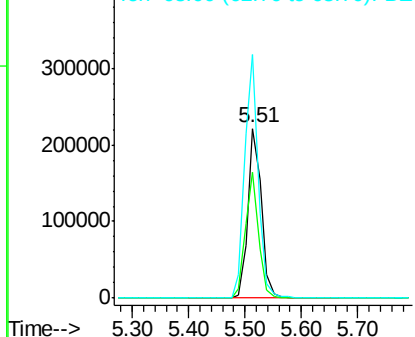


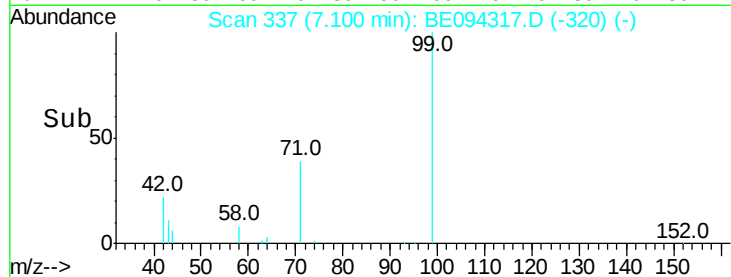
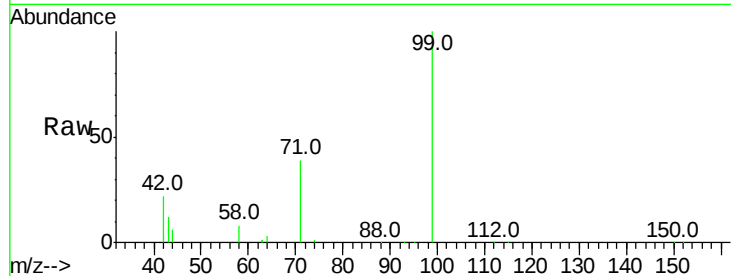
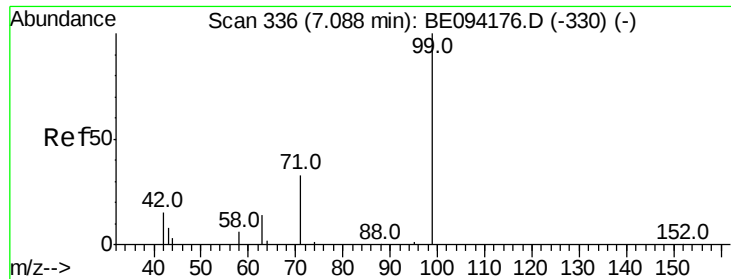
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 40.336 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE094317.D

Acq: 12 Oct 2017 17:44

Tot Ion:	99	Resp:	331665
Ion Ratio	Lower	Upper	
99	100		
42	19.8	20.2	30.2#
71	34.0	28.4	42.6

Instrument :

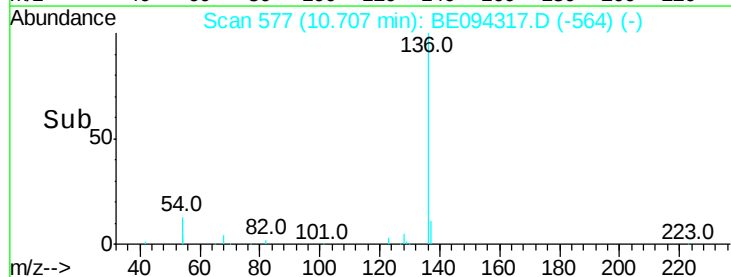
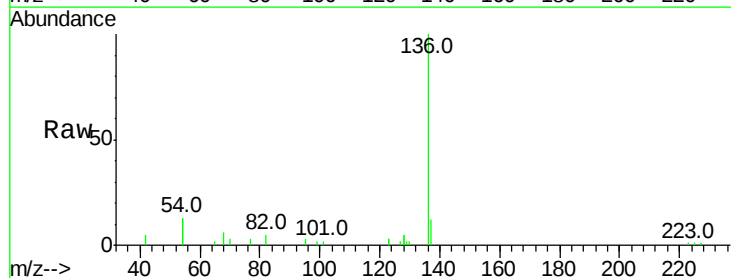
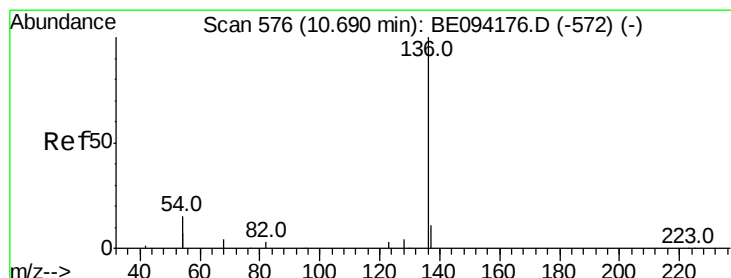
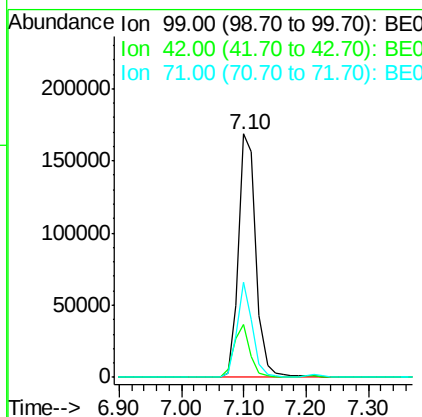
BNA_E

ClientSampleId :

LB-32(1.5-2)

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#7

Naphthalene-d8

Concen: 0.400 ng

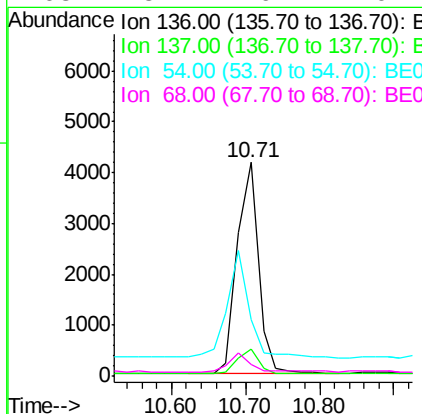
RT: 10.71 min Scan# 577

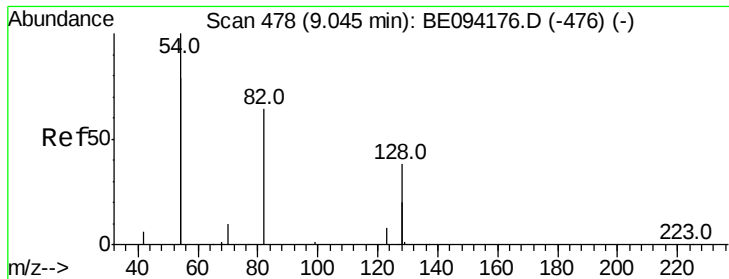
Delta R.T. 0.02 min

Lab File: BE094317.D

Acq: 12 Oct 2017 17:44

Tgt Ion:	136	Resp:	8192
Ion Ratio	Lower	Upper	
136	100		
137	12.5	9.5	14.3
54	26.2	29.1	43.7#
68	5.7	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 143.211 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE094317.D

Acq: 12 Oct 2017 17:44

Instrument :

BNA_E

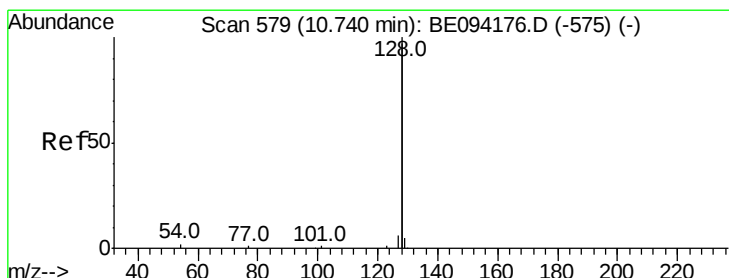
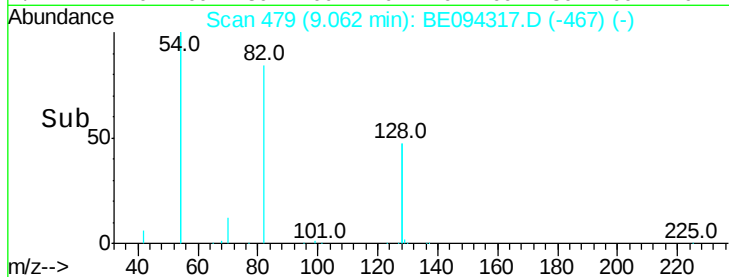
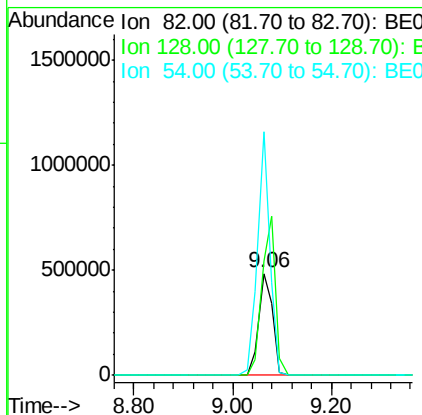
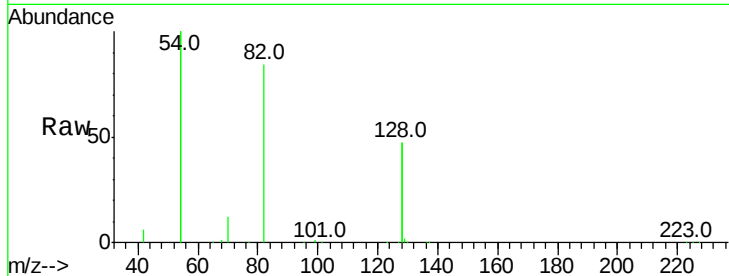
ClientSampleId :

LB-32(1.5-2)

Tot Ion:	82	Resp:	976781
Ion Ratio	Lower	Upper	
82	100		
128	111.9	150.0	225.0#
54	238.5	154.2	231.4#

Manual Integrations
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#9

Naphthalene

Concen: 1.823 ng

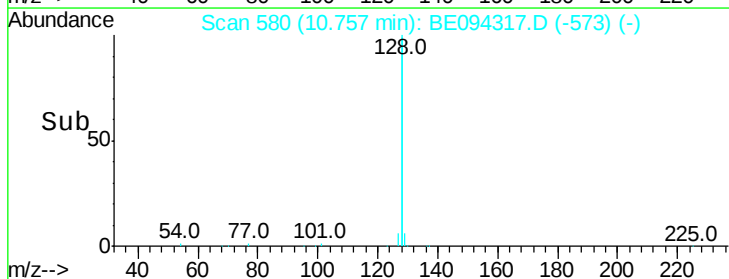
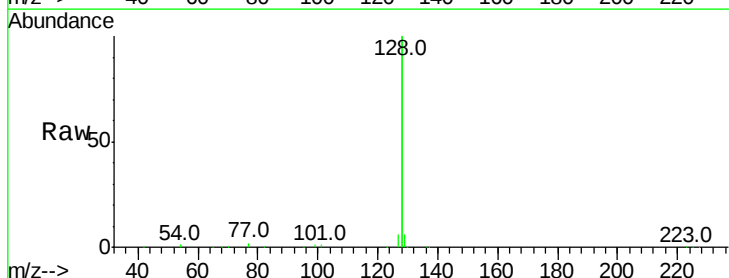
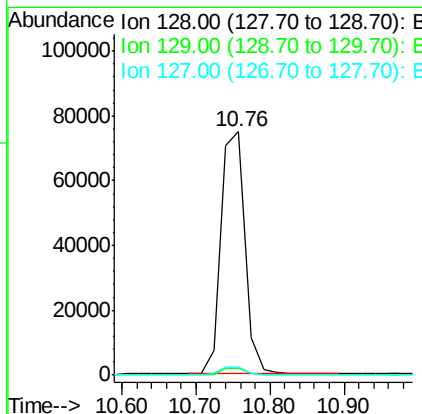
RT: 10.76 min Scan# 580

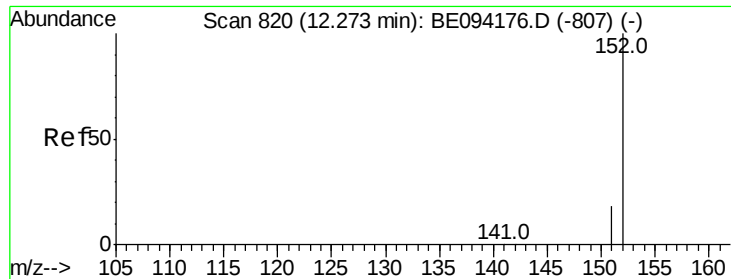
Delta R.T. 0.02 min

Lab File: BE094317.D

Acq: 12 Oct 2017 17:44

Tgt Ion:	128	Resp:	168163
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.6	3.8
127	3.1	2.8	4.2





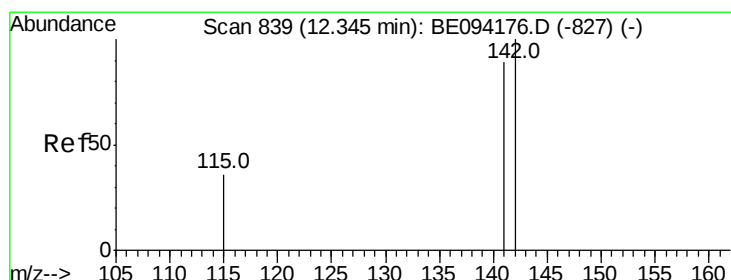
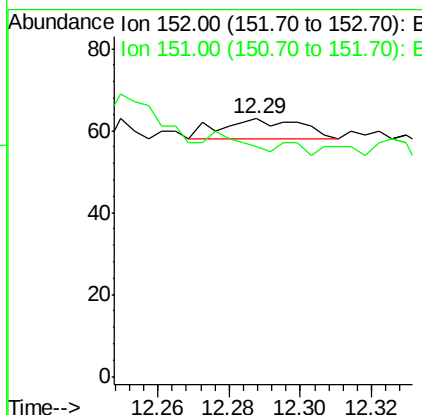
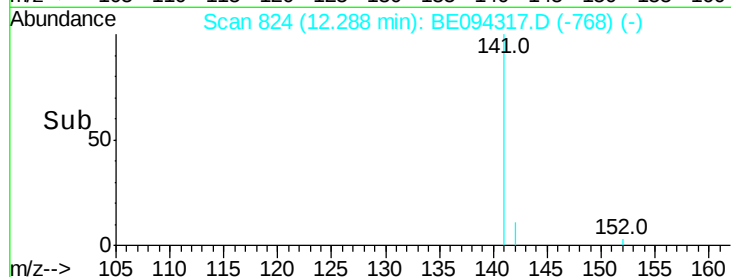
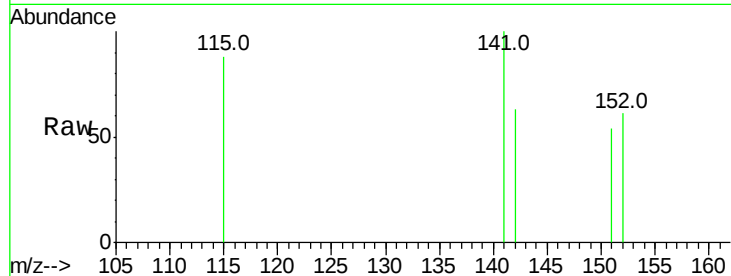
#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.29 min Scan# 824
Delta R.T. 0.01 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Instrument :
BNA_E
ClientSampleId :
LB-32(1.5-2)

Tot Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
151 12.5 15.4 23.0#

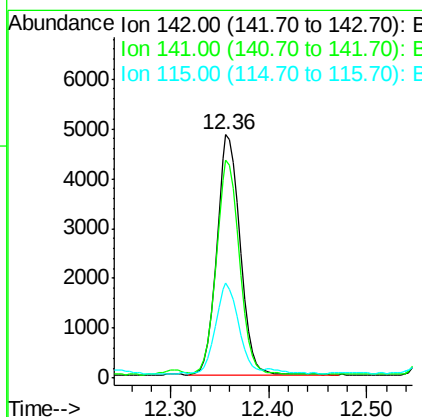
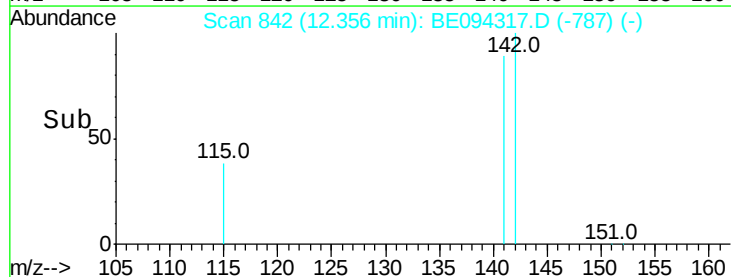
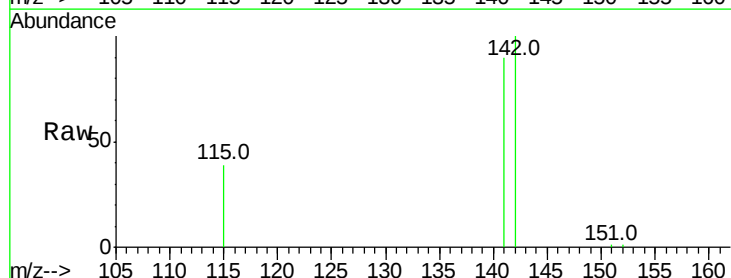
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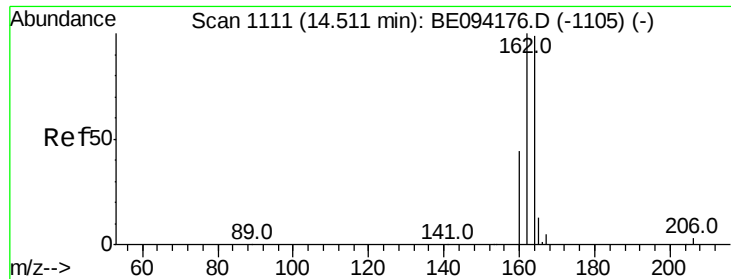
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#12
2-Methylnaphthalene
Concen: 0.530 ng
RT: 12.36 min Scan# 842
Delta R.T. 0.01 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Tgt Ion:142 Resp: 8035
Ion Ratio Lower Upper
142 100
141 89.6 70.4 105.6
115 39.0 31.7 47.5





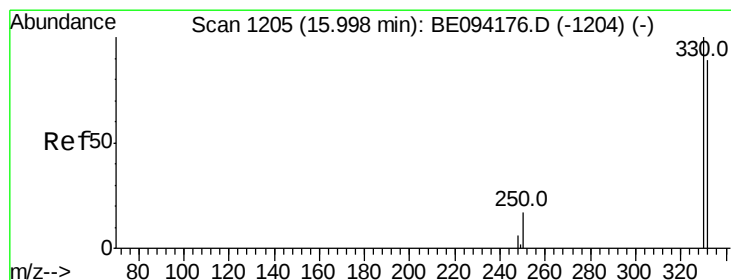
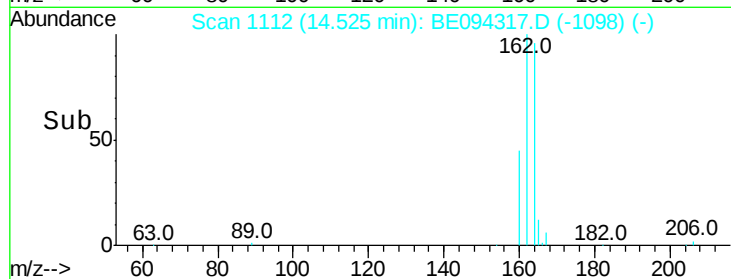
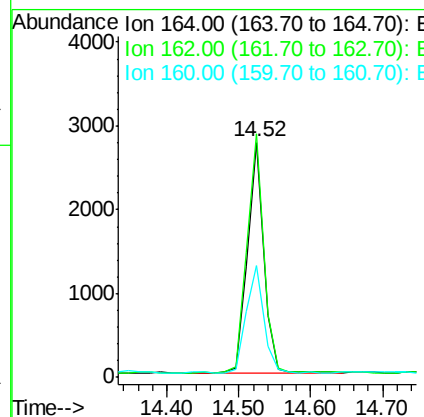
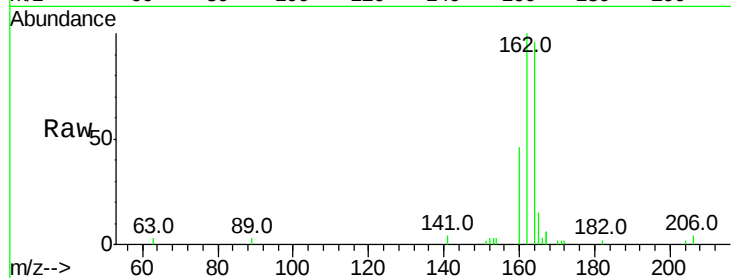
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Instrument :
BNA_E
ClientSampleId :
LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.1	124.7
160	47.4	37.1	55.7

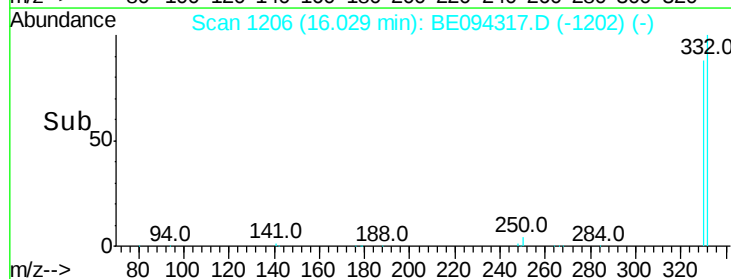
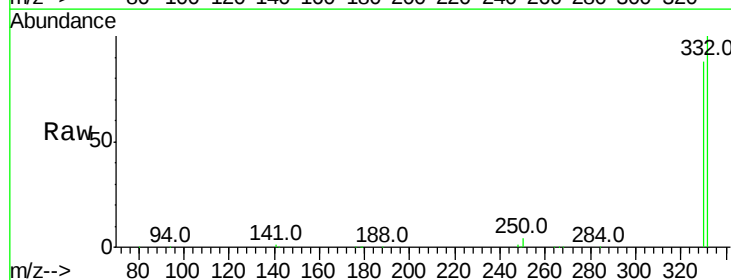
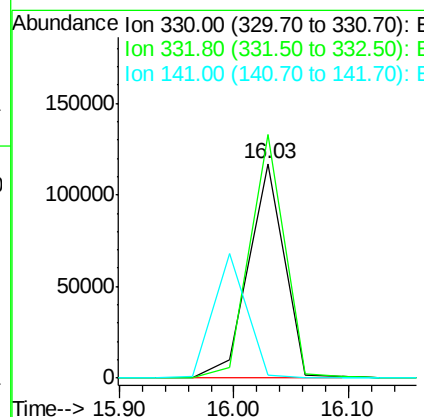
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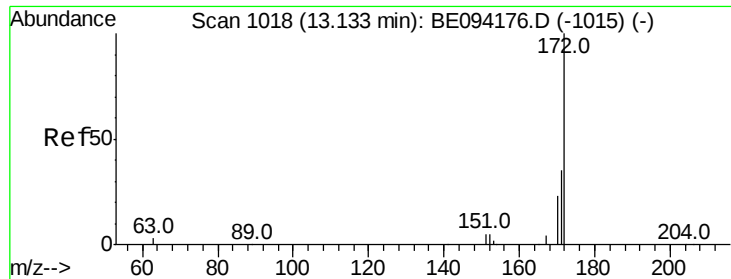
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#14
2,4,6-Tribromophenol
Concen: 134.325 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	109.1	152.7	229.1#
141	0.0	33.7	50.5#





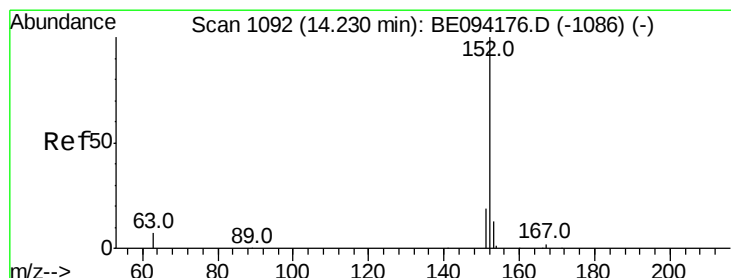
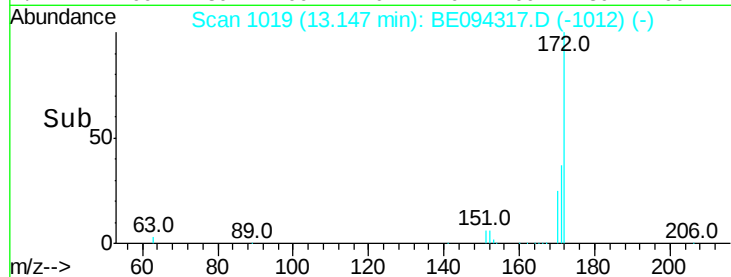
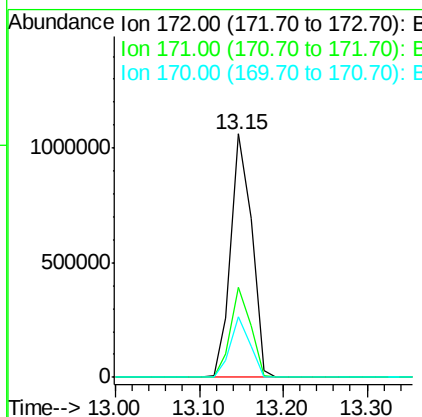
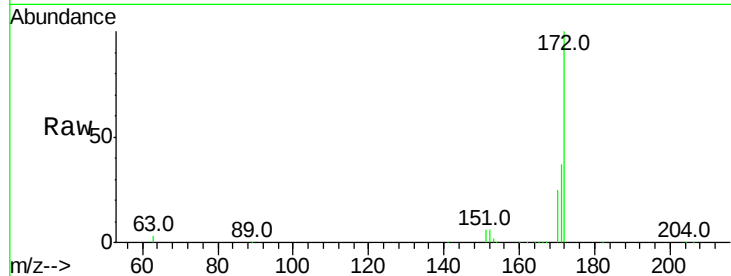
#15
2-Fluorobiphenyl
Concen: 123.085 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Instrument :
BNA_E
ClientSampled :
LB-32(1.5-2)

Tot Ion:172 Resp: 1830807
Ion Ratio Lower Upper
172 100
171 37.0 29.9 44.9
170 25.1 21.8 32.8

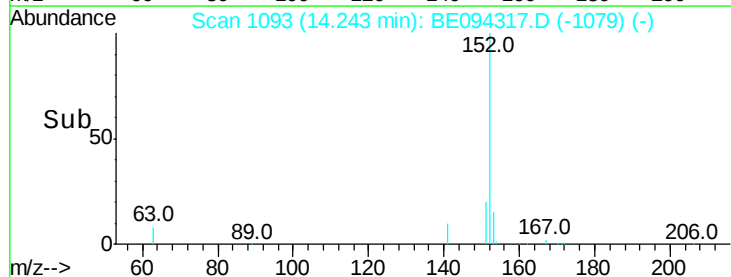
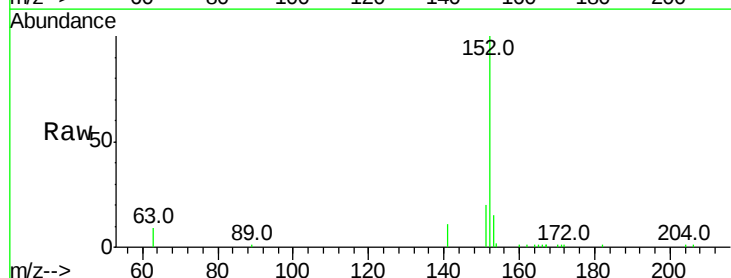
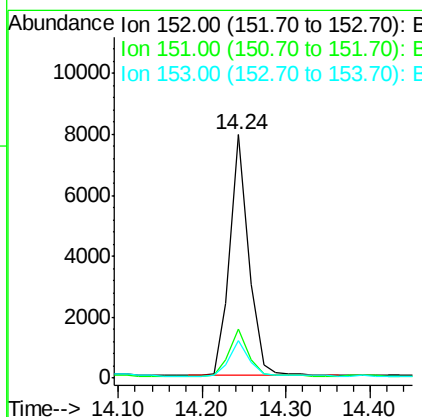
Manual Integrations
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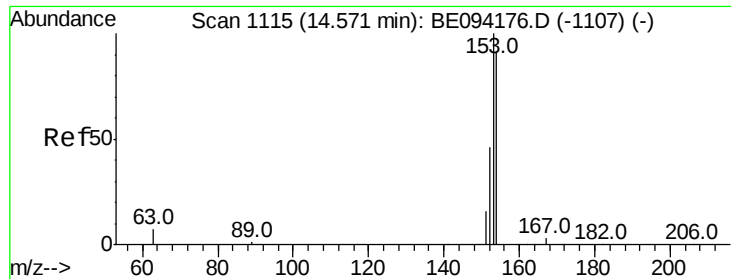
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#16
Acenaphthylene
Concen: 0.564 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Tgt Ion:152 Resp: 12400
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 15.5 10.5 15.7





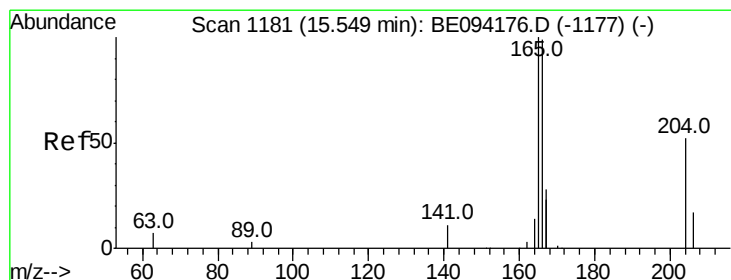
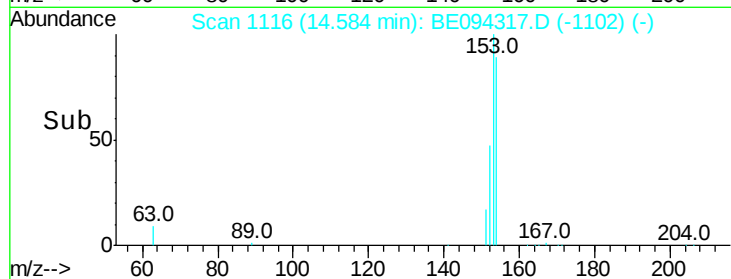
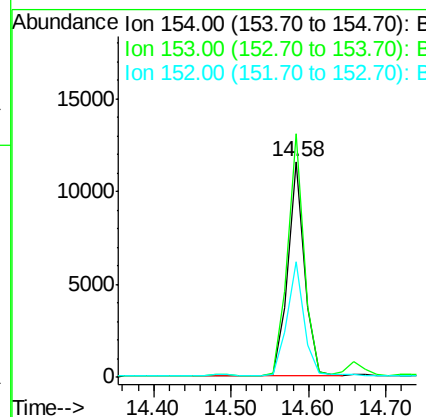
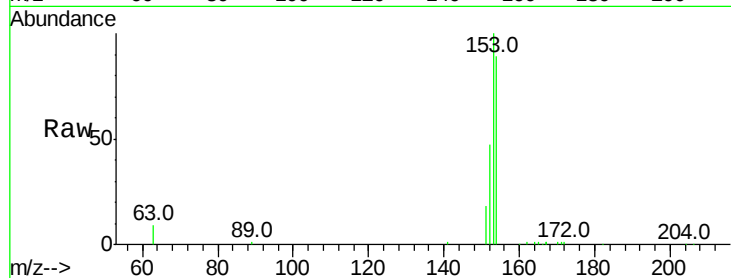
#17
Acenaphthene
Concen: 1.191 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Instrument :
BNA_E
ClientSampleId :
LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.2	133.8
152	55.0	42.0	63.0

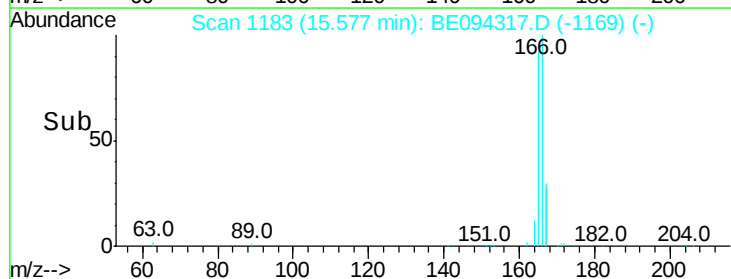
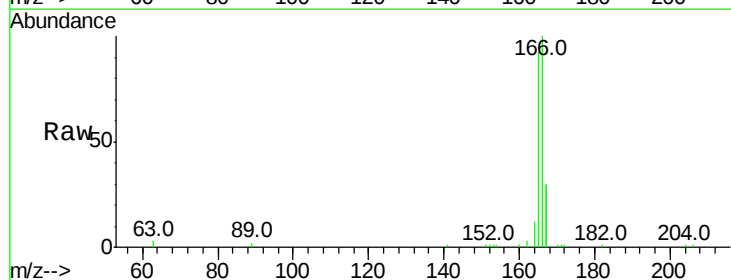
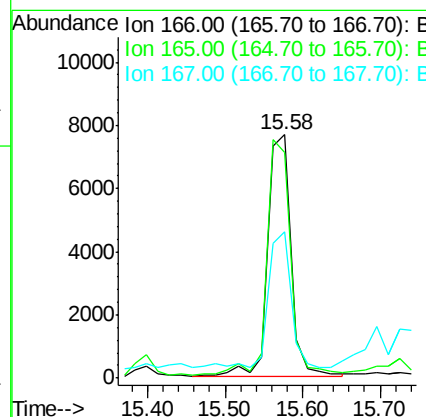
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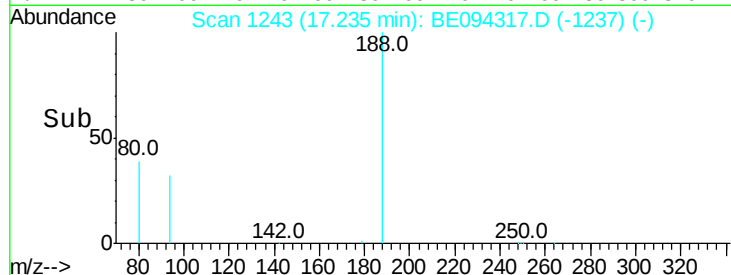
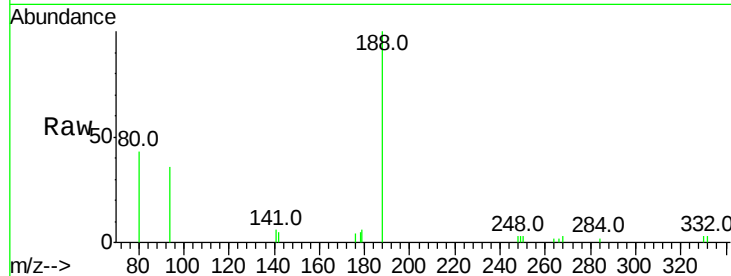
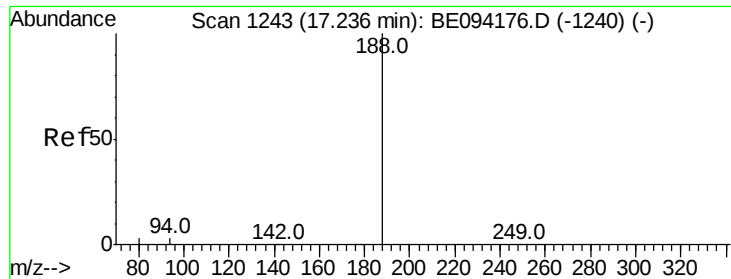
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#18
Fluorene
Concen: 0.825 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.6
167	54.3	42.4	63.6





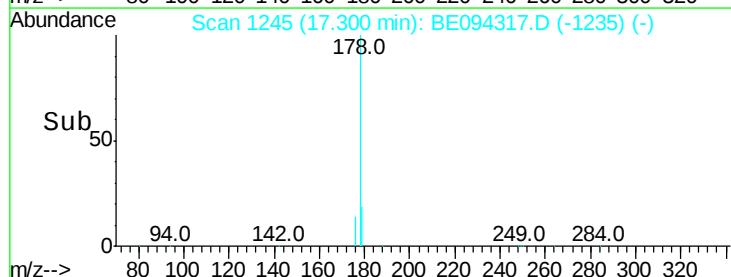
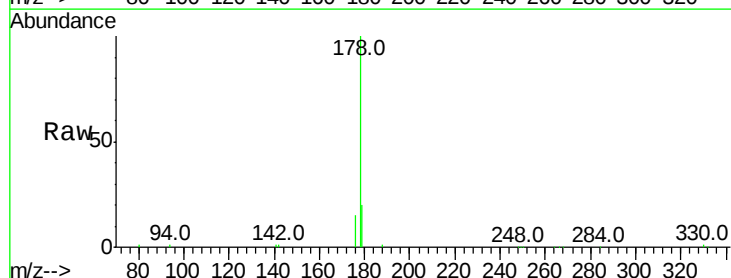
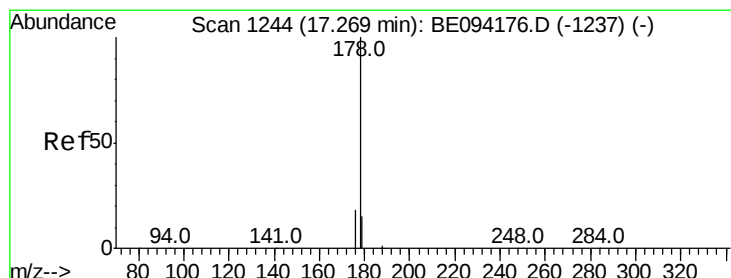
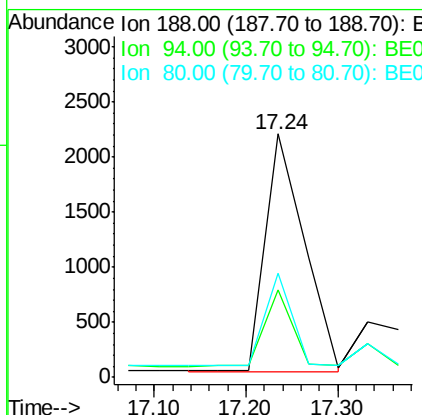
#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Tot Ion:	188	Resp:	6390
Ion Ratio	Lower	Upper	
188	100		
94	36.1	3.9	5.9#
80	42.7	3.6	5.4#

Instrument :
BNA_E
ClientSampled :
LB-32(1.5-2)

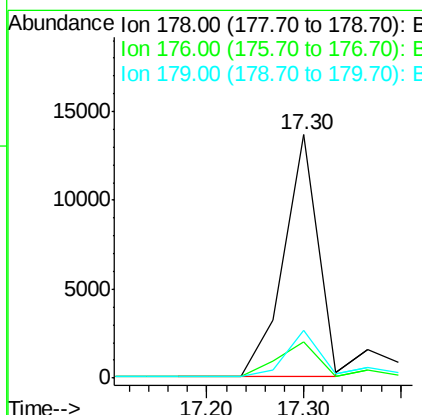
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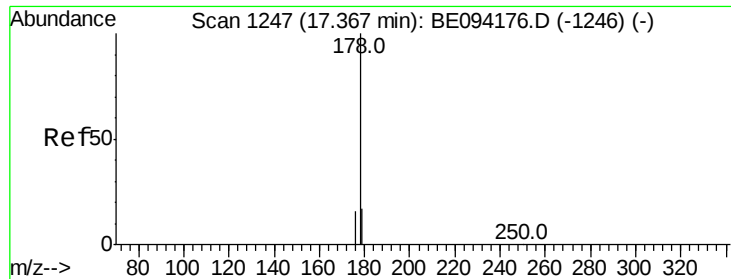
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#23
Phenanthrene
Concen: 1.502 ng m
RT: 17.30 min Scan# 1245
Delta R.T. 0.03 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Tgt Ion:	178	Resp:	33260
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.1	22.7
179	25.4	11.8	17.6#





#24

Anthracene

Concen: 0.310 ng/mL

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094317.D

Acq: 12 Oct 2017 17:44

Instrument :

BNA_E

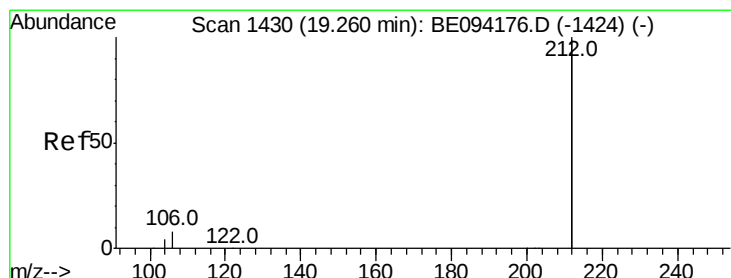
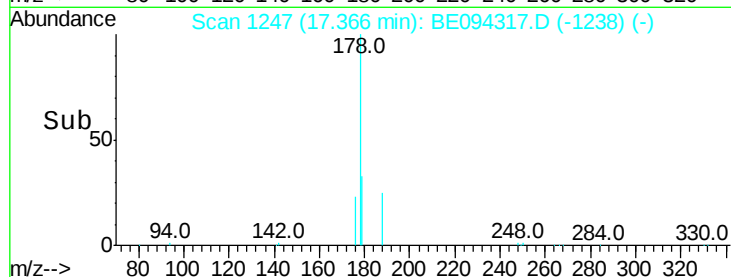
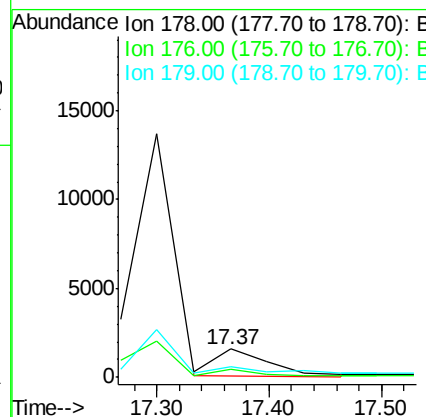
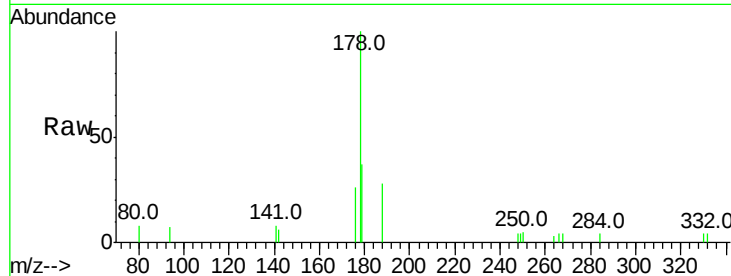
ClientSampled :

LB-32(1.5-2)

Tot Ion:178	Resp:	5237
Ion Ratio	Lower	Upper
178	100	
176	126.6	12.8 19.2#
179	161.1	13.0 19.6#

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#25

Fluoranthene-d10

Concen: 0.004 ng/mL

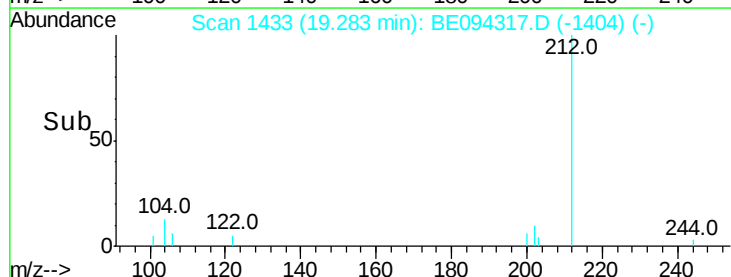
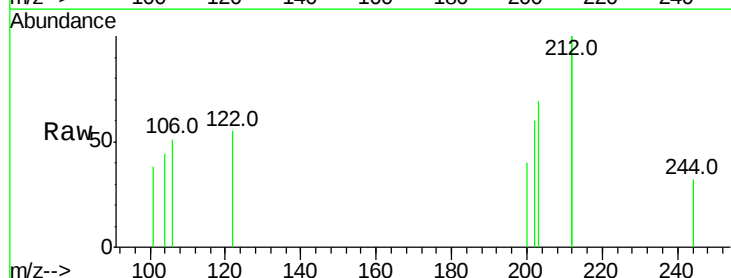
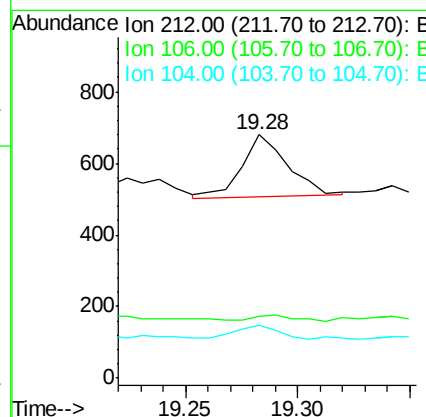
RT: 19.28 min Scan# 1433

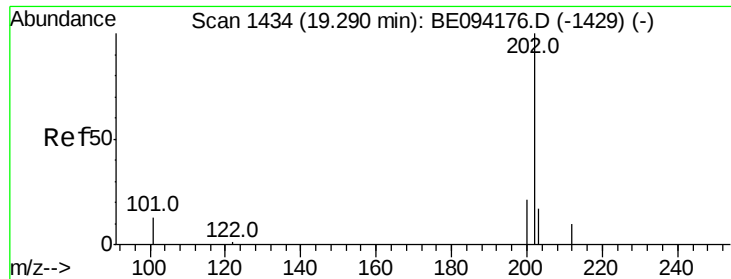
Delta R.T. 0.02 min

Lab File: BE094317.D

Acq: 12 Oct 2017 17:44

Tgt Ion:212	Resp:	244
Ion Ratio	Lower	Upper
212	100	
106	7.8	2.8 4.2#
104	20.9	1.6 2.4#





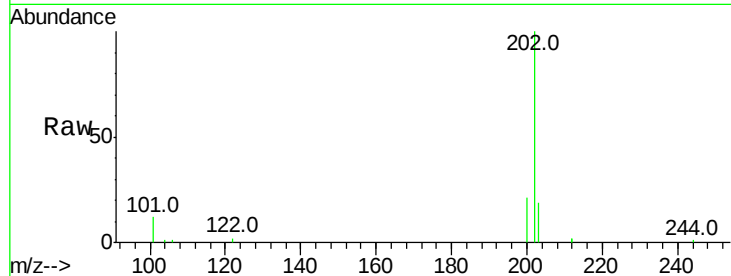
#26
Fluoranthene
 Concen: 0.736 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: BE094317.D
 Acq: 12 Oct 2017 17:44

Instrument :
 BNA_E
 ClientSampled :
 LB-32(1.5-2)

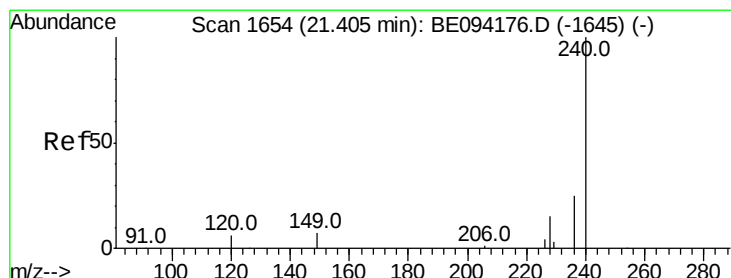
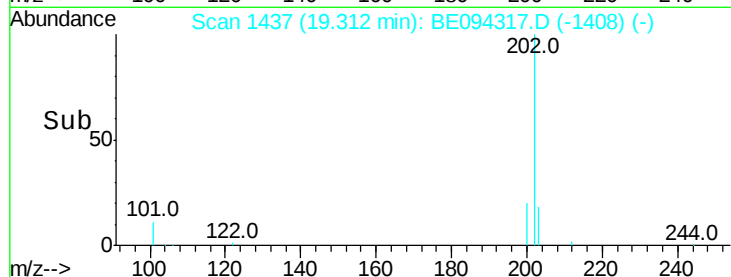
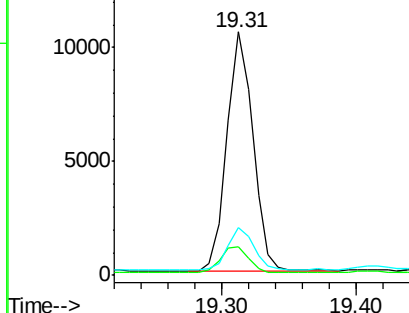
Tot Ion	Ratio	Resp	Lower	Upper
202	100	14291		
101	12.1		9.8	14.8
203	17.6		13.7	20.5

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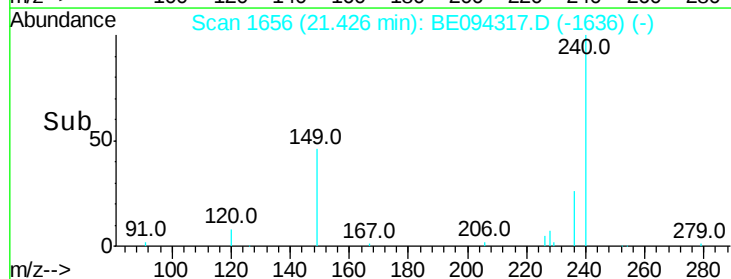
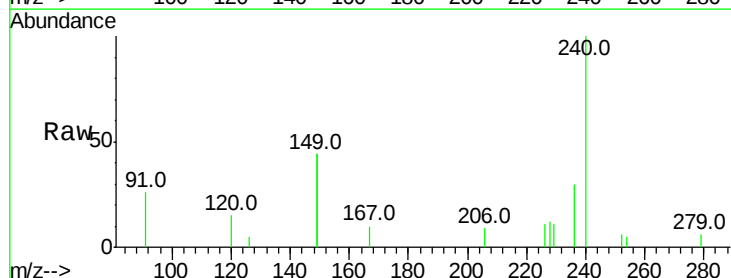
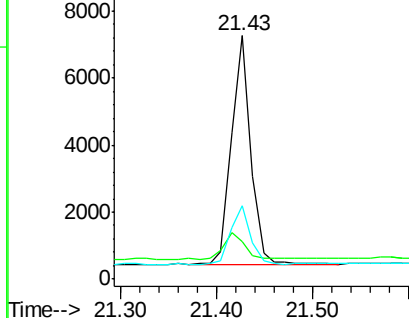
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

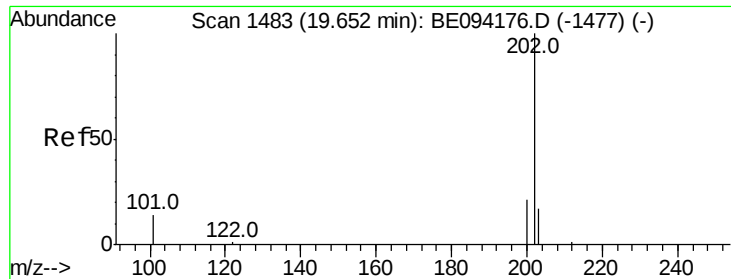


#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.02 min
 Lab File: BE094317.D
 Acq: 12 Oct 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	9692		
120	15.4		5.5	8.3#
236	30.4		20.7	31.1

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





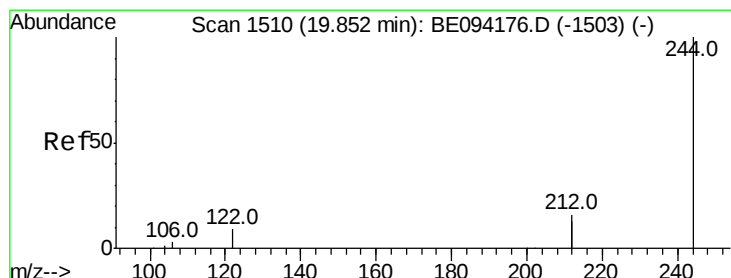
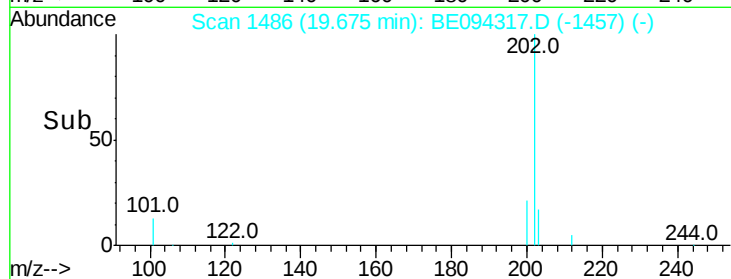
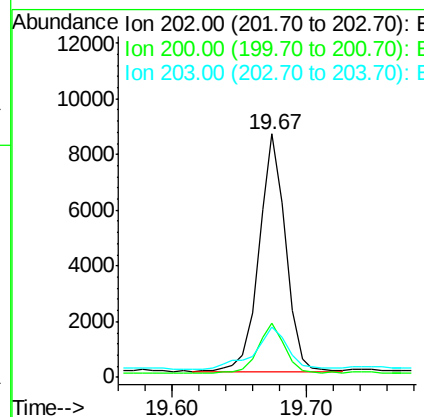
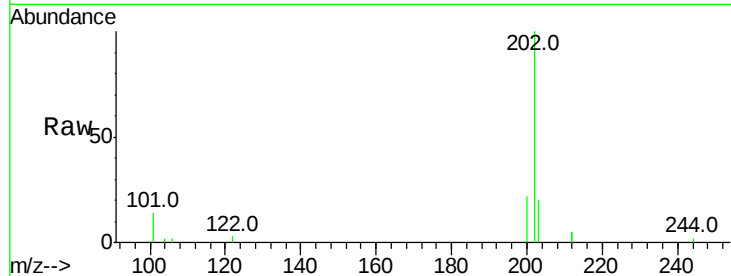
#28
Pvrene
Concen: 0.349 ng
RT: 19.67 min Scan# 1486
Delta R.T. 0.02 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Instrument :
BNA_E
ClientSampleId :
LB-32(1.5-2)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	11649		
200	20.9	16.6	25.0	
203	21.2	13.8	20.8	

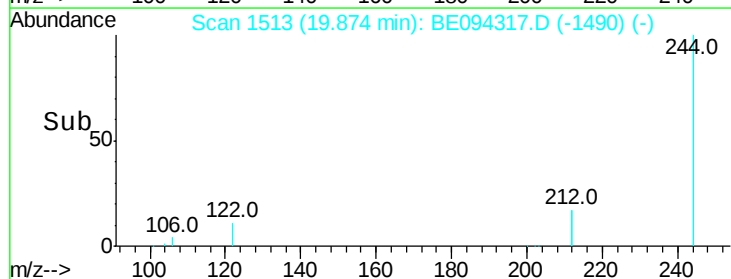
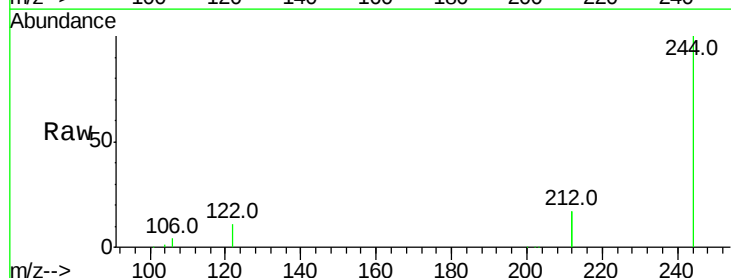
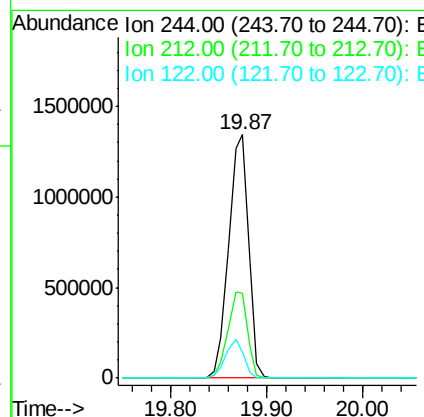
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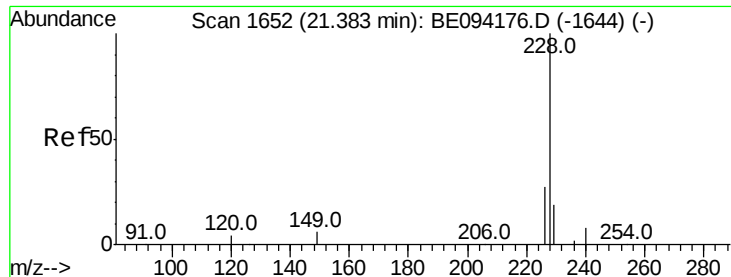
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#29
Terphenyl-d14
Concen: 104.689 ng
RT: 19.87 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1916072		
212	34.9	25.4	38.0	
122	10.8	8.1	12.1	





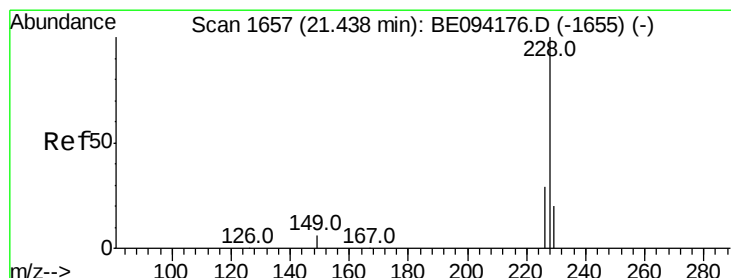
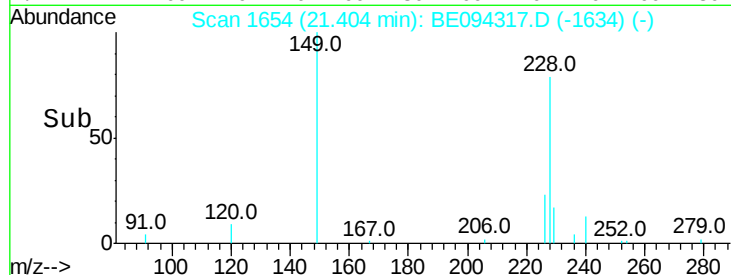
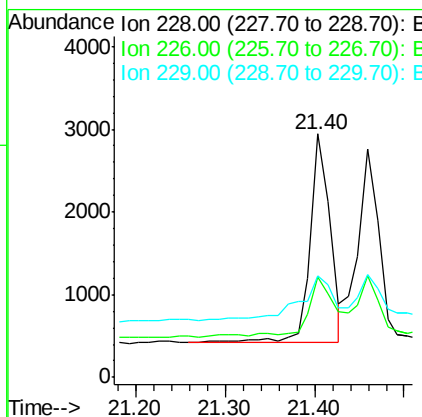
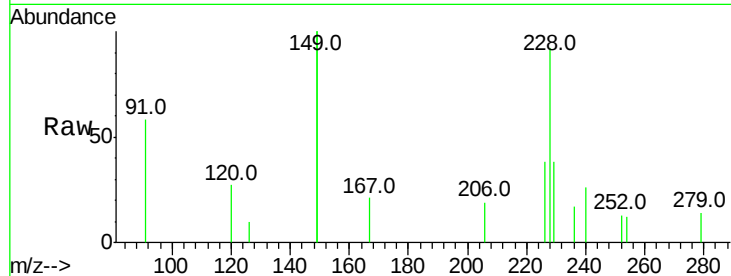
#30
Benzo(a)anthracene
Concen: 0.122 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.02 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Instrument :
BNA_E
ClientSampleId :
LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	41.3	21.4	32.0#
229	41.8	16.4	24.6#

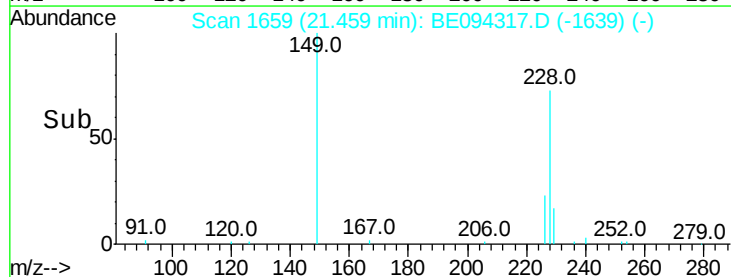
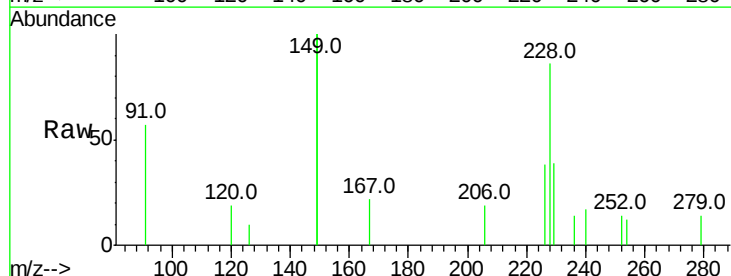
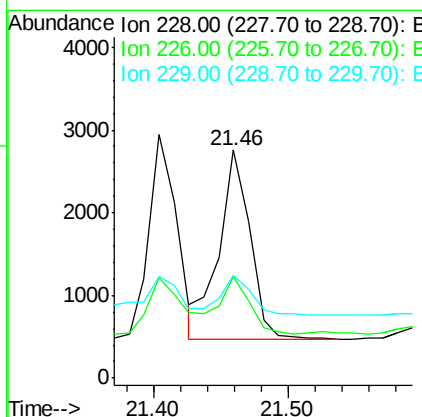
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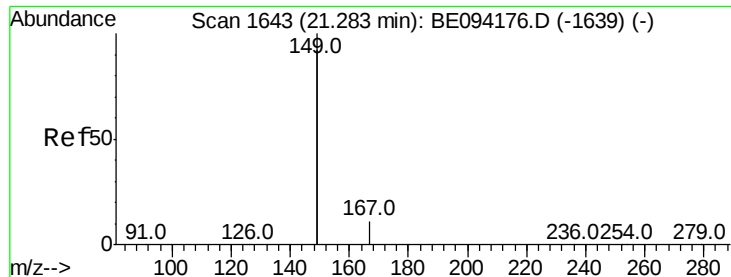
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#31
Chrysene
Concen: 0.119 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.02 min
Lab File: BE094317.D
Acq: 12 Oct 2017 17:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.4	23.6	35.4#
229	45.4	16.4	24.6#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.284 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094317.D

Acq: 12 Oct 2017 17:44

Instrument :

BNA_E

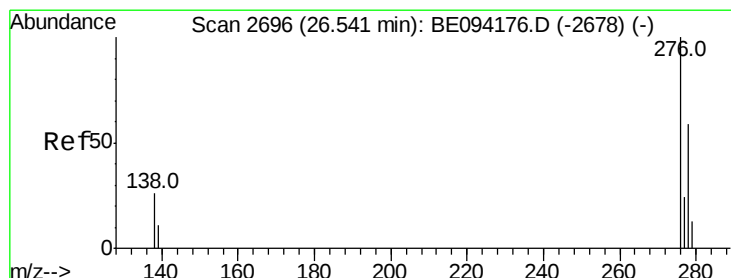
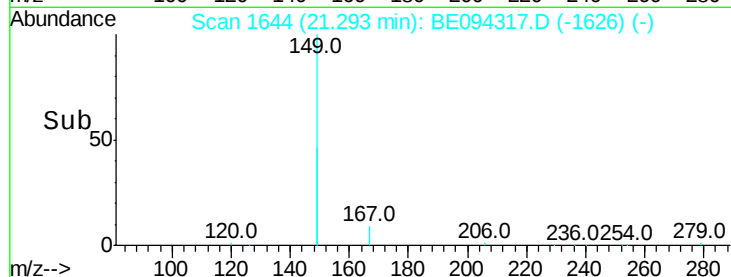
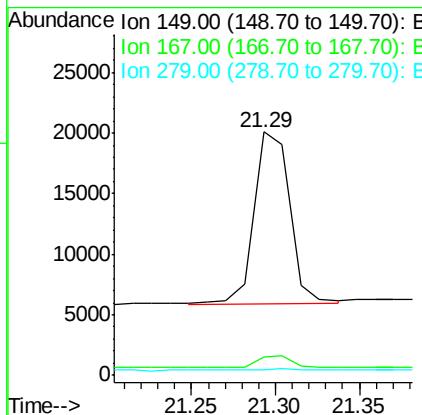
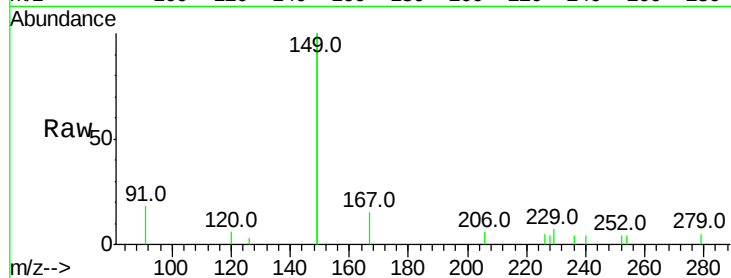
ClientSampled :

LB-32(1.5-2)

Tot Ion:	149	Resp:	20803
Ion Ratio	Lower	Upper	
149	100		
167	7.6	5.4	8.0
279	2.5	0.7	1.1#

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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.053 ng

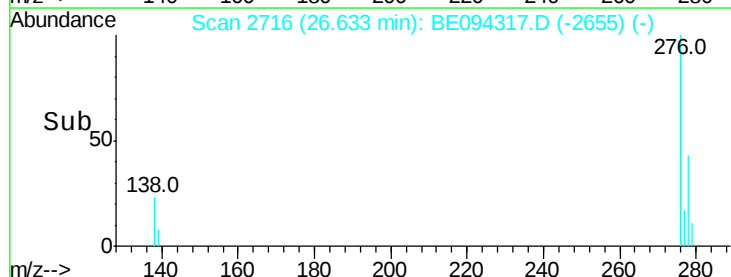
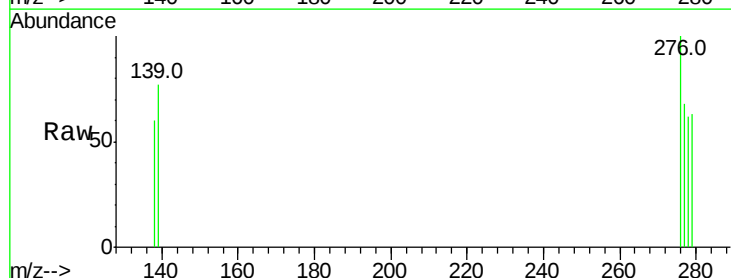
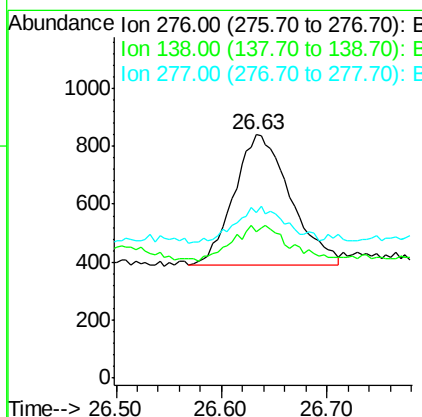
RT: 26.63 min Scan# 2716

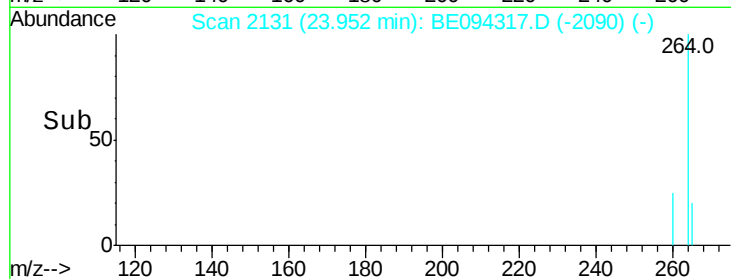
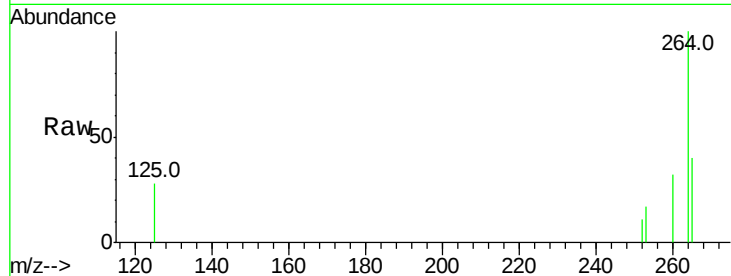
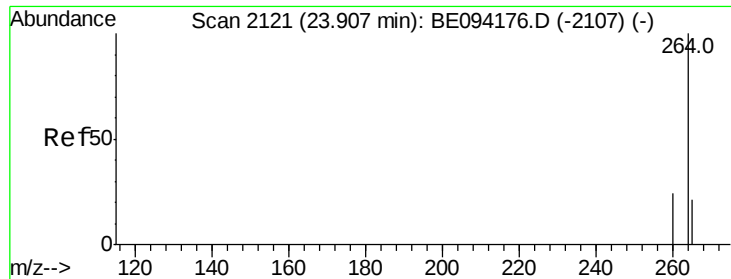
Delta R.T. 0.08 min

Lab File: BE094317.D

Acq: 12 Oct 2017 17:44

Tgt Ion:	276	Resp:	1668
Ion Ratio	Lower	Upper	
276	100		
138	12.2	22.5	33.7#
277	23.6	19.9	29.9





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.95 min Scan# 2131
 Delta R.T. 0.04 min
 Lab File: BE094317.D
 Acq: 12 Oct 2017 17:44

Tot Ion	Ratio	Lower	Upper
264	100		
260	32.1	20.5	30.7#
265	39.7	22.8	34.2#

Instrument :
 BNA_E
 ClientSampleId :
 LB-32(1.5-2)

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