

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101217\
 Data File : BE094312.D
 Acq On : 12 Oct 2017 12:49
 Operator : SJ/JU
 Sample : I5530-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LB-32(8.5-9)

Manual Integrations
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Sohil
 10/15/2017 12:27:39 PM

Quant Time: Oct 13 15:58:17 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	1460	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	8341	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	8324	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	7094	0.40	ng	0.03
27) Chrysene-d12	21.43	240	8272	0.40	ng	0.02
34) Perylene-d12	23.96	264	8166	0.40	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	827649	170.11	ng	0.01
5) Phenol-d6	7.11	99	1231958	174.66	ng	0.03
8) Nitrobenzene-d5	9.08	82	797899	114.89	ng	0.02
11) 2-Methylnaphthalene-d10	12.27	152	2314	0.18	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	323710	89.46	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	1291630	45.30	ng	0.03
25) Fluoranthene-d10	19.24	212	10182m	0.14	ng	-0.02
29) Terphenyl-d14	19.87	244	1337646	85.63	ng	0.02
Target Compounds						Qvalue
9) Naphthalene	10.76	128	201942	2.150	ng	99
12) 2-Methylnaphthalene	12.36	142	53914	3.494	ng	98
26) Fluoranthene	19.32	202	26420	1.225	ng	# 95
28) Pyrene	19.68	202	31040	1.091	ng	# 81
30) Benzo(a)anthracene	21.40	228	16649	0.613	ng	# 75
31) Chrysene	21.46	228	16219	0.605	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.30	149	7765	0.124	ng	# 89
33) Indeno(1,2,3-cd)pyrene	26.64	276	8157	0.306	ng	94
35) Benzo(b)fluoranthene	23.18	252	20798	0.757	ng	# 72
36) Benzo(k)fluoranthene	23.22	252	6542m	0.234	ng	
37) Benzo(a)pyrene	23.84	252	14206	0.547	ng	# 68
39) Benzo(a,h,i)perylene	27.48	276	7644	0.311	ng	# 68

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

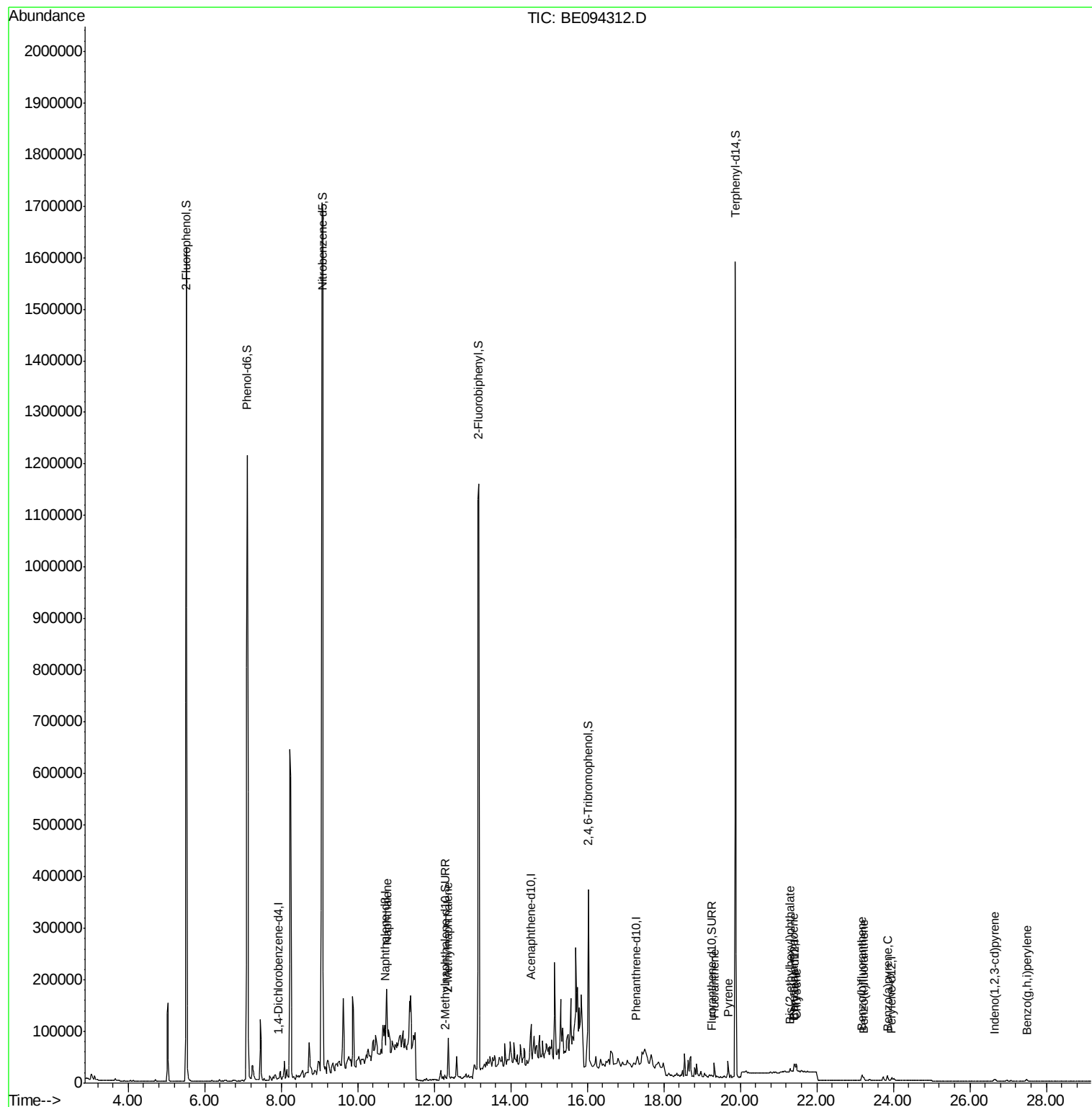
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101217\
Data File : BE094312.D
Acq On : 12 Oct 2017 12:49
Operator : SJ/JU
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ALS Vial : 3 Sample Multiplier: 1

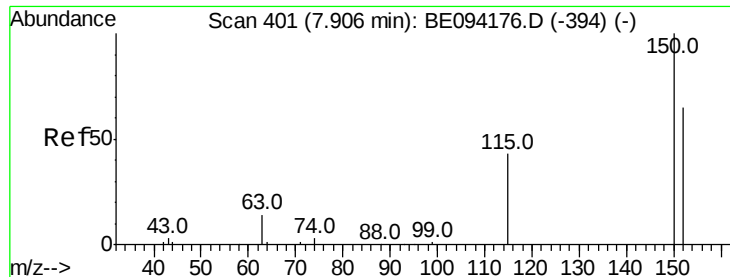
Instrument :
BNA_E
ClientSampleId :
LB-32(8.5-9)

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
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#1

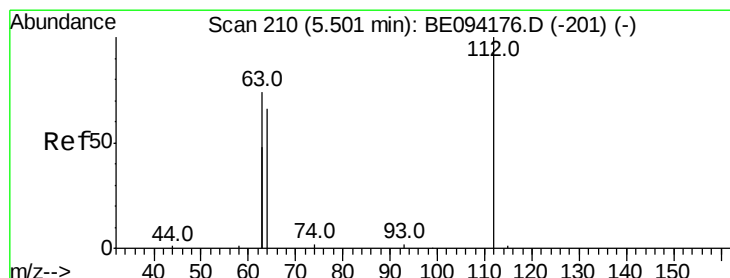
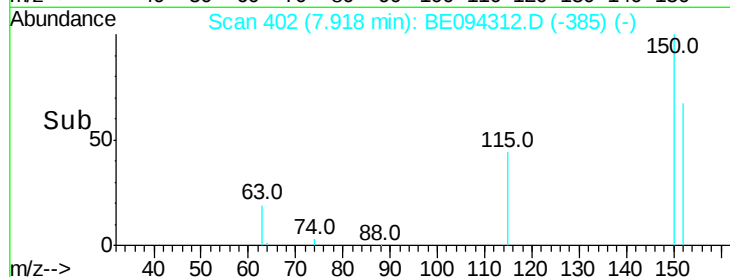
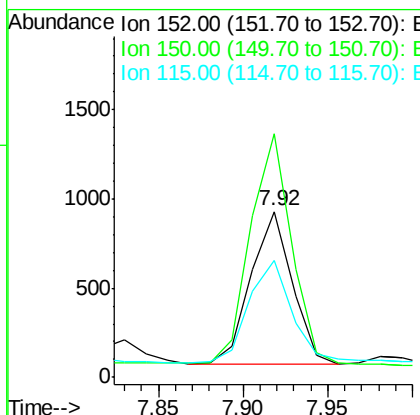
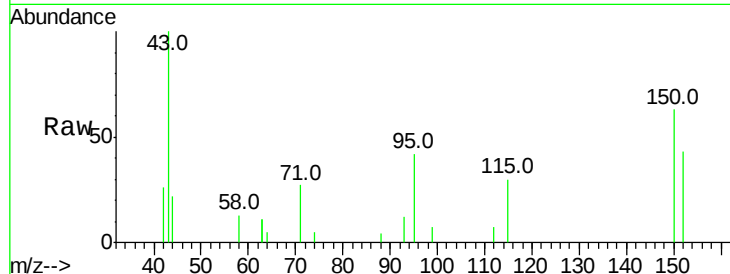
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :
LB-32(8.5-9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	117.2	175.8
115	70.3	57.0	85.6

Manual Integrations
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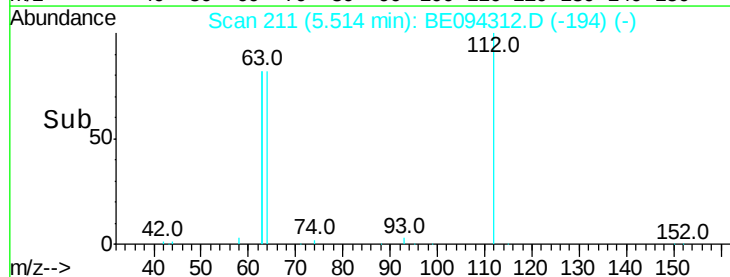
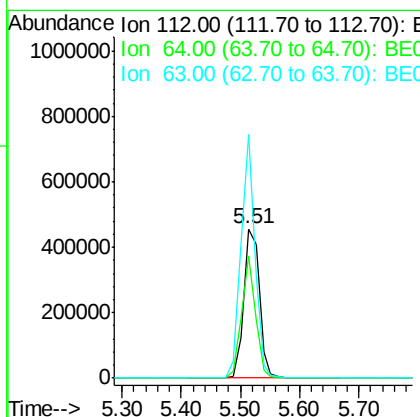
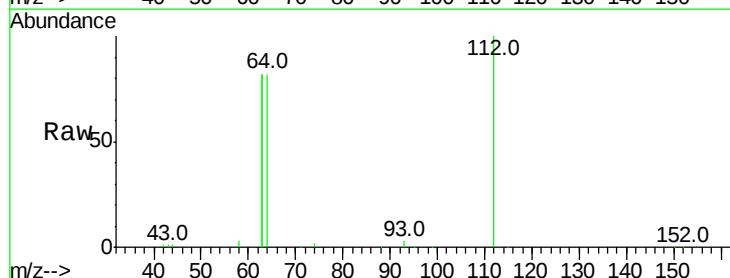
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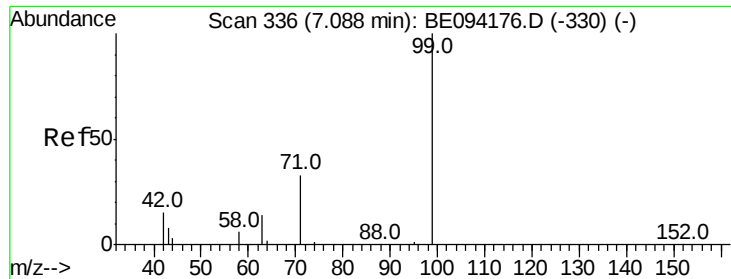


#4

2-Fluorophenol
Concen: 170.111 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.01 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	60.1	90.1
63	143.6	116.8	175.2





#5

Phenol-d6

Concen: 174.662 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.03 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampleId :

LB-32(8.5-9)

Tot Ion: 99 Resp: 1231958

Ion Ratio Lower Upper

99 100

42 19.4 20.2 30.2#

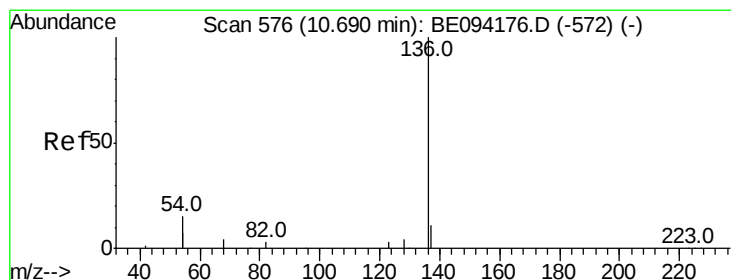
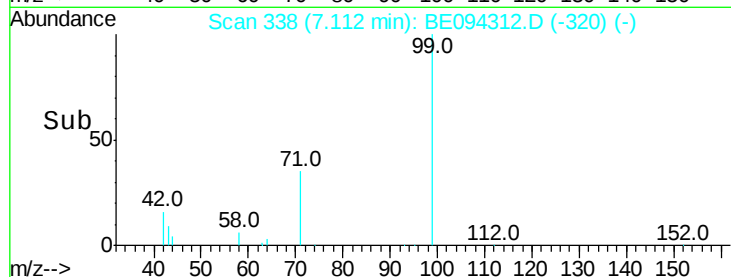
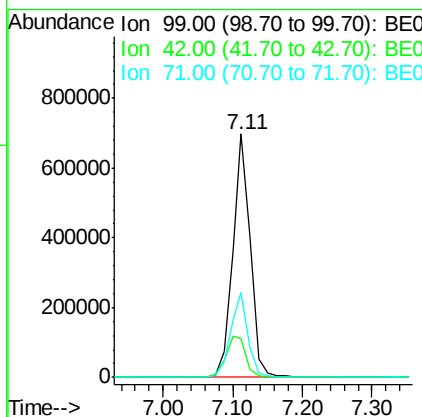
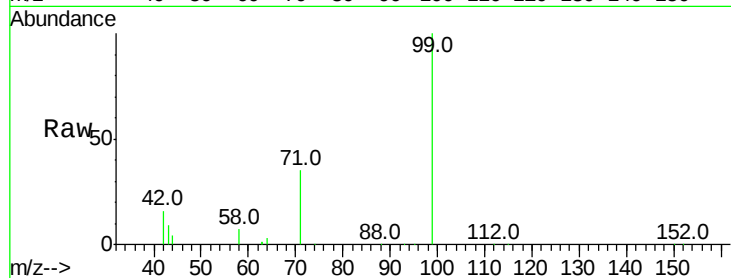
71 34.6 28.4 42.6

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: BE094312.D

Acq: 12 Oct 2017 12:49

Tgt Ion: 136 Resp: 8341

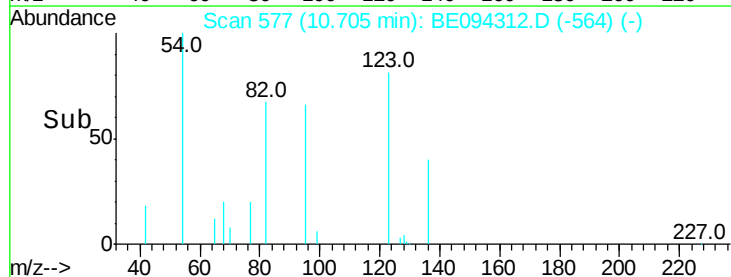
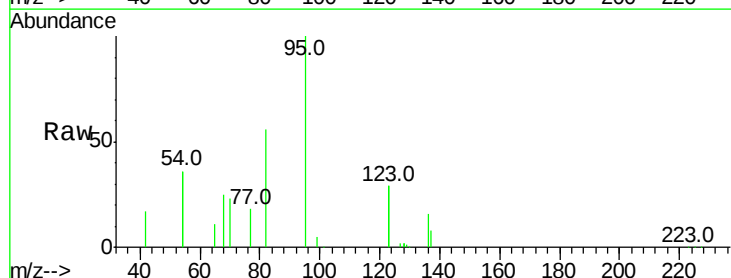
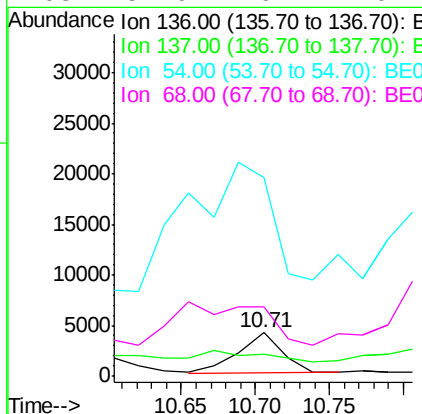
Ion Ratio Lower Upper

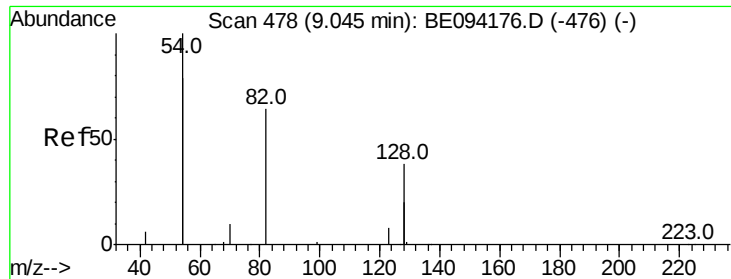
136 100

137 49.0 9.5 14.3#

54 455.9 29.1 43.7#

68 157.9 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 114.895 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

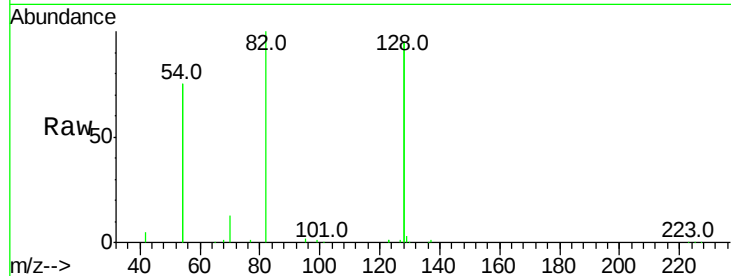
ClientSampled :

LB-32(8.5-9)

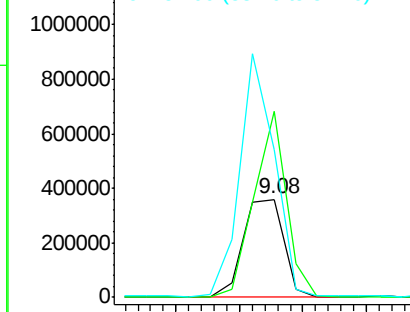
Tot Ion:	82	Resp:	797899
Ion Ratio	Lower	Upper	
82	100		
128	189.4	150.0	225.0
54	150.2	154.2	231.4#

Manual Integrations
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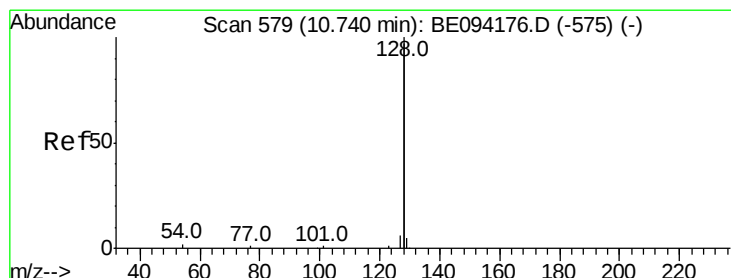
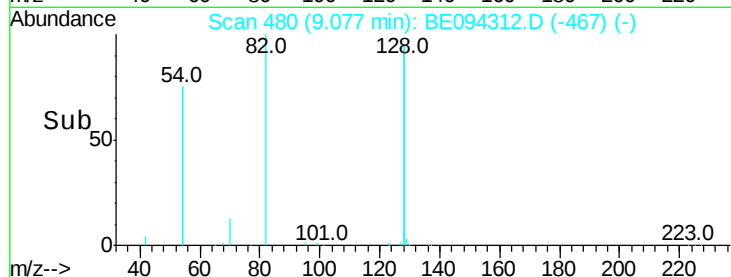
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Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 2.150 ng

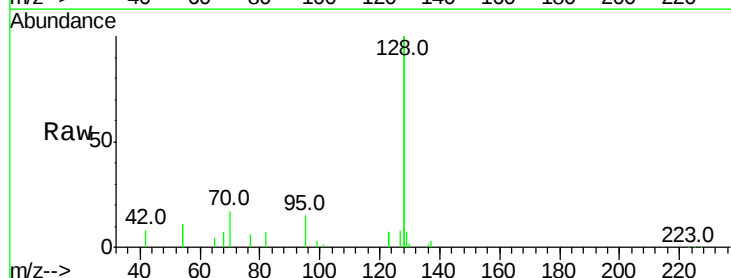
RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

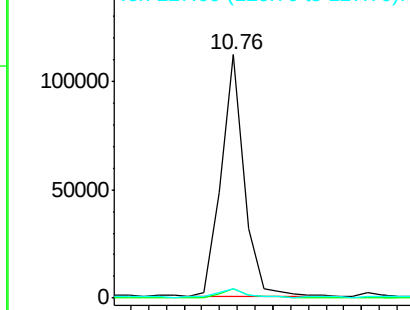
Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

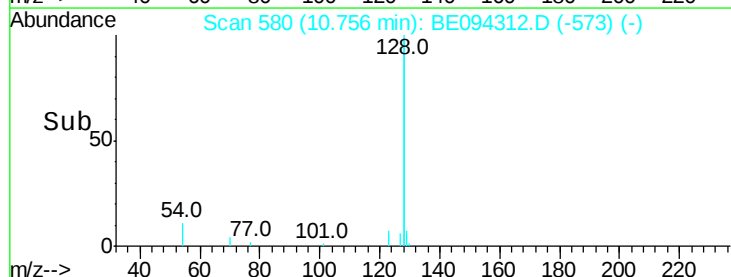
Tgt Ion:	128	Resp:	201942
Ion Ratio	Lower	Upper	
128	100		
129	3.6	2.6	3.8
127	3.9	2.8	4.2

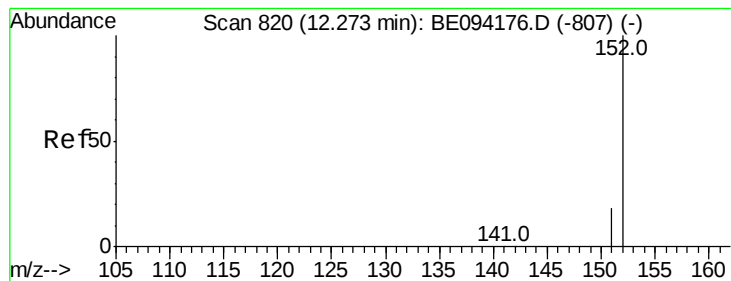


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->





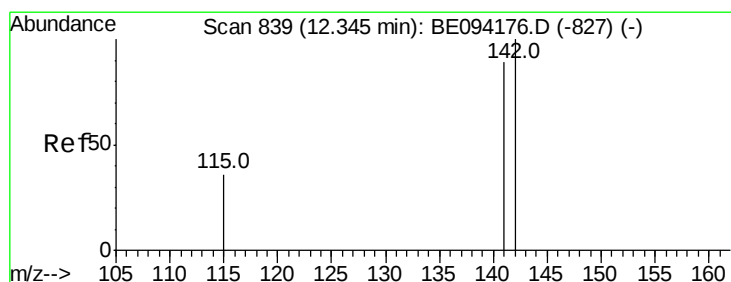
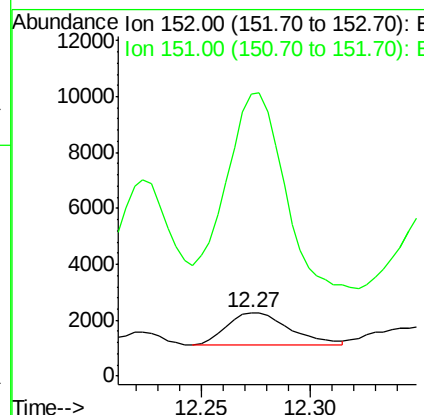
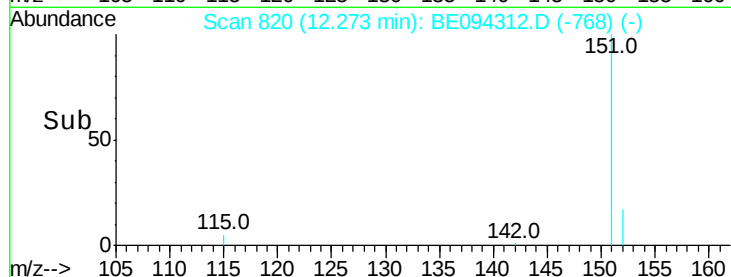
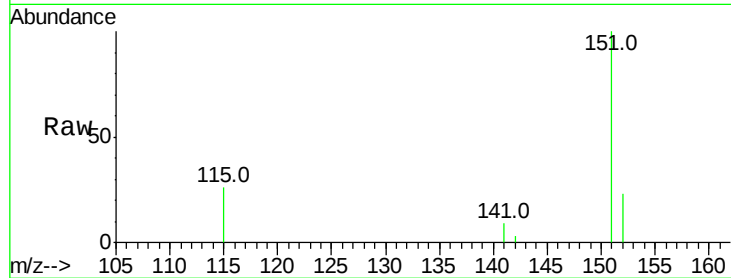
#11
 2-Methylnaphthalene-d10
 Concen: 0.180 ng
 RT: 12.27 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

Instrument :
 BNA_E
 ClientSampled :
 LB-32(8.5-9)

Tot Ion:152 Resp: 2314
 Ion Ratio Lower Upper
 152 100
 151 544.7 15.4 23.0#

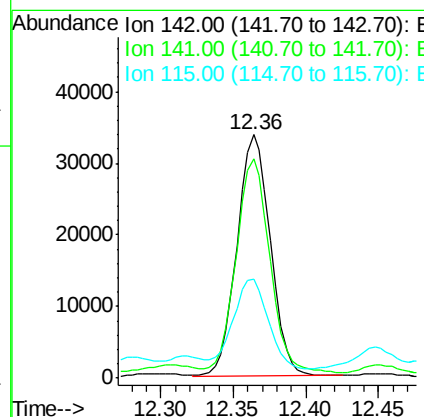
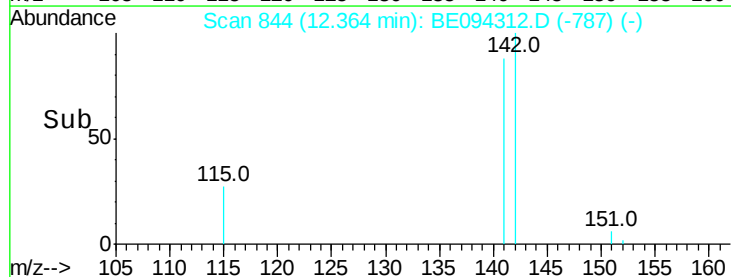
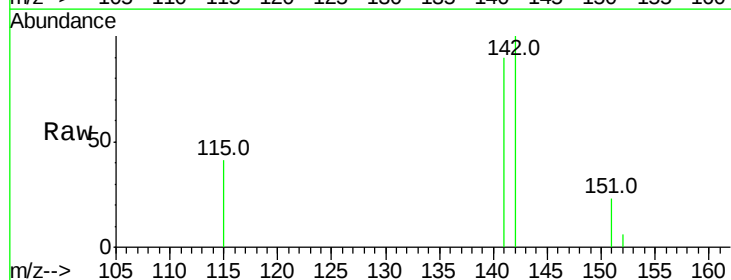
Manual Integrations
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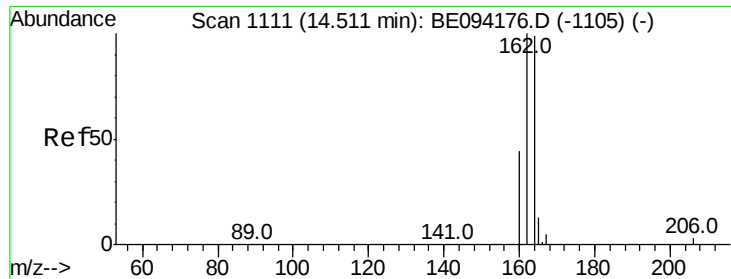
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#12
 2-Methylnaphthalene
 Concen: 3.494 ng
 RT: 12.36 min Scan# 844
 Delta R.T. 0.02 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

Tgt Ion:142 Resp: 53914
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.4 105.6
 115 40.7 31.7 47.5





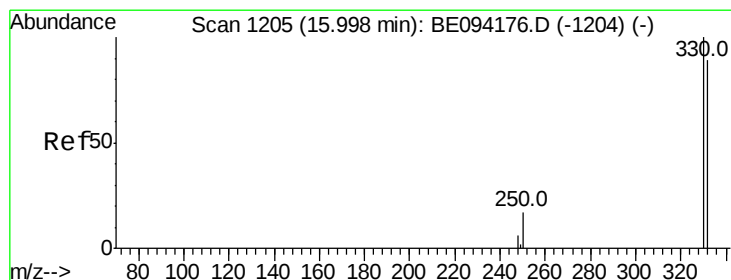
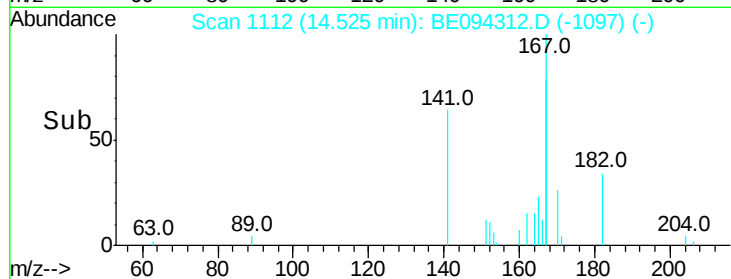
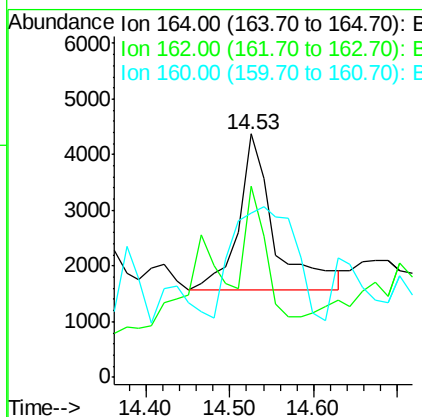
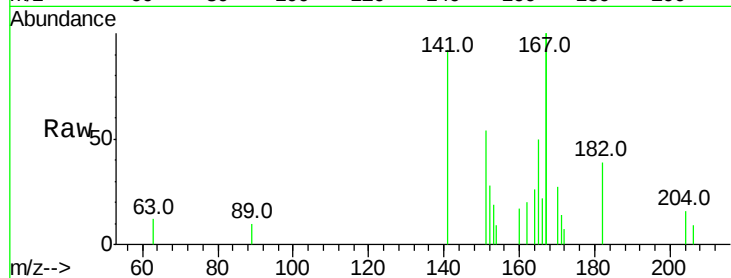
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

Instrument :
 BNA_E
 ClientSampled :
 LB-32(8.5-9)

Tot Ion	Ratio	Lower	Upper
164	100		
162	78.6	83.1	124.7#
160	67.6	37.1	55.7#

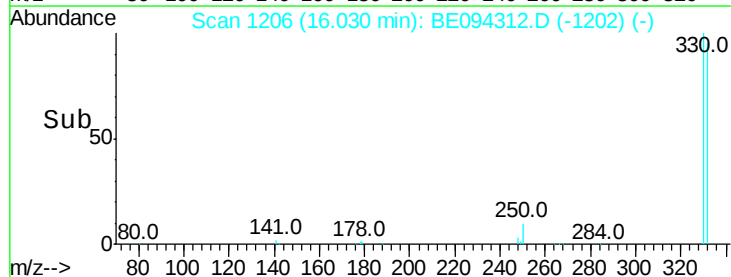
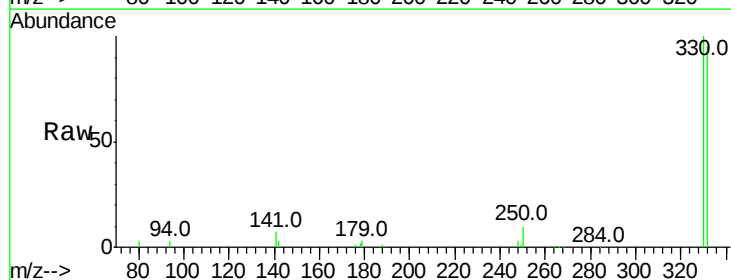
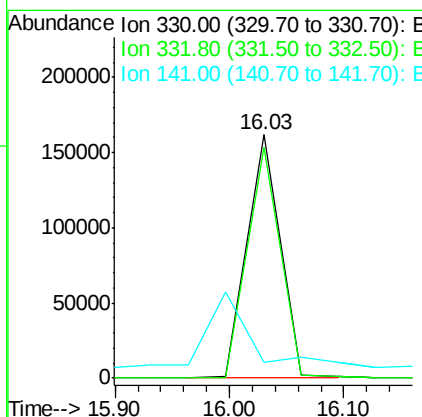
Manual Integrations
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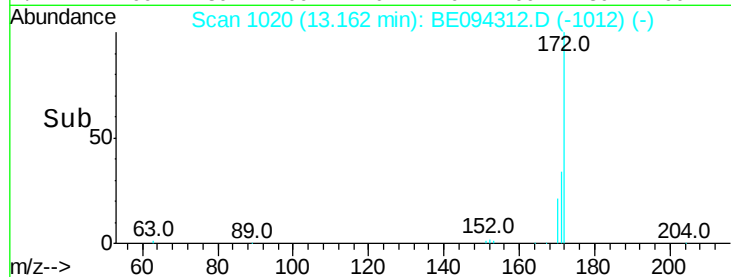
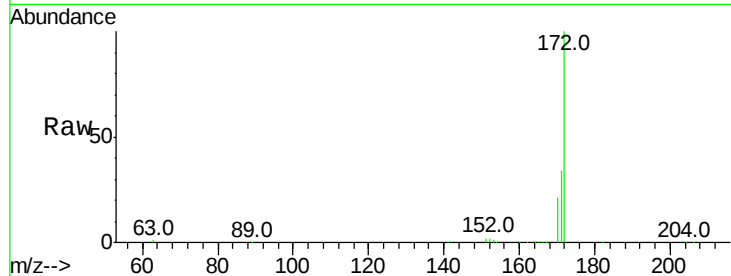
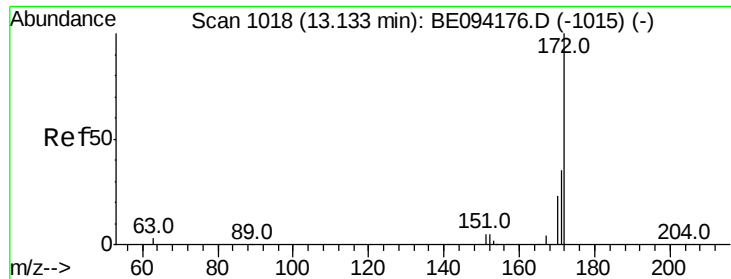
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#14
 2,4,6-Tribromophenol
 Concen: 89.456 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE094312.D
 Acq: 12 Oct 2017 12:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	152.7	229.1#
141	0.0	33.7	50.5#





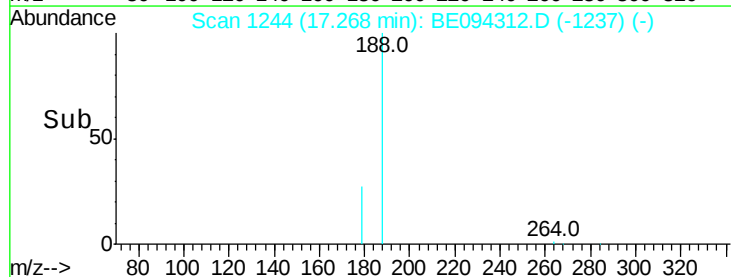
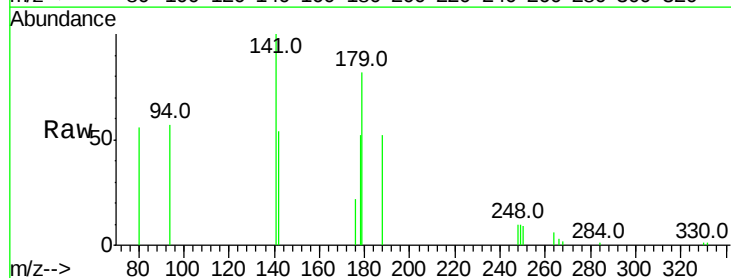
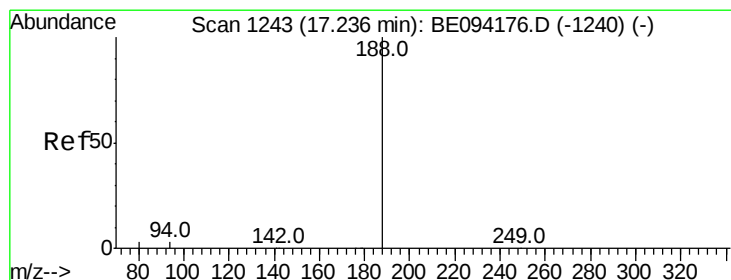
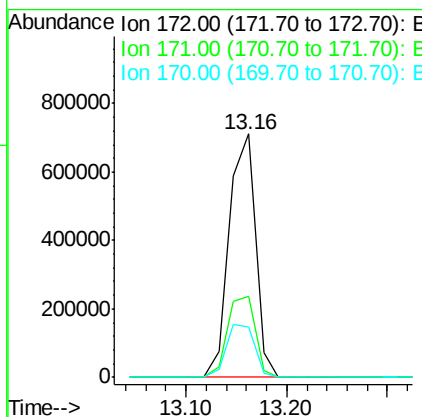
#15
2-Fluorobiphenyl
Concen: 45.296 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :
LB-32(8.5-9)

Tot Ion:172 Resp: 1291630
Ion Ratio Lower Upper
172 100
171 33.6 29.9 44.9
170 20.8 21.8 32.8#

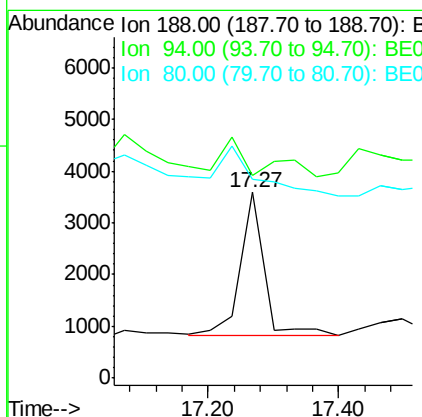
Manual Integrations
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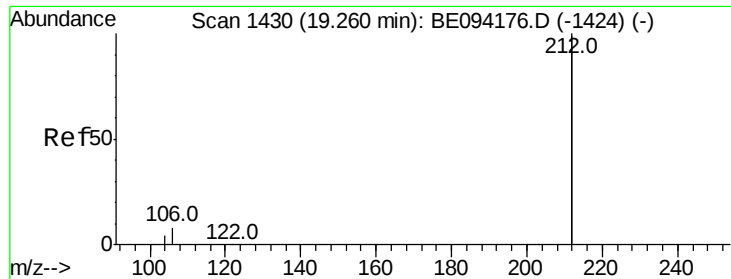
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:188 Resp: 7094
Ion Ratio Lower Upper
188 100
94 109.1 3.9 5.9#
80 106.9 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.144 ng/mL

RT: 19.24 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

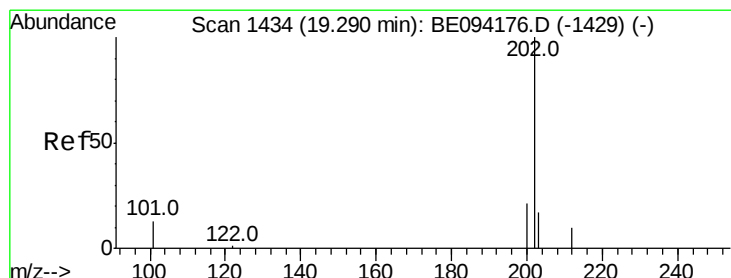
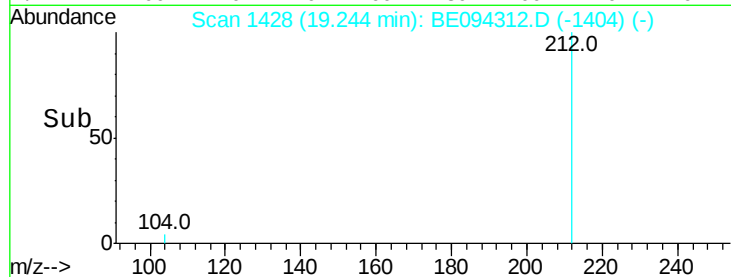
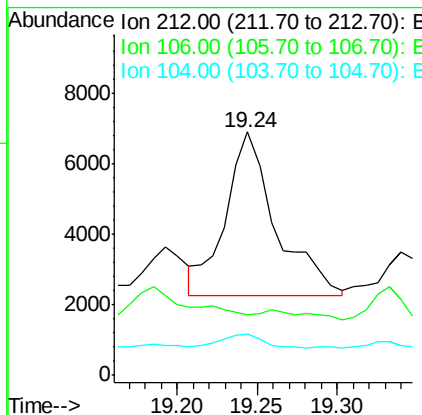
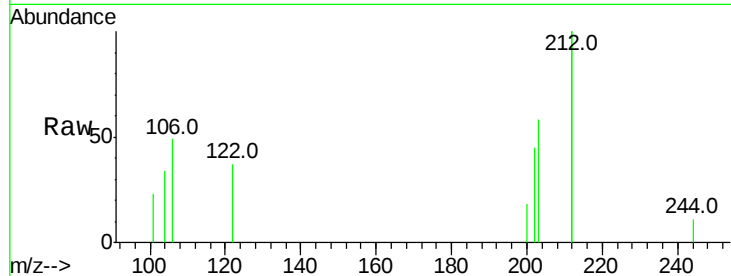
ClientSampled :

LB-32(8.5-9)

Tot Ion:	212	Resp:	10182
Ion Ratio	Lower	Upper	
212	100		
106	13.0	2.8	4.2#
104	2.5	1.6	2.4#

Manual Integrations
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#26

Fluoranthene

Concen: 1.225 ng/mL

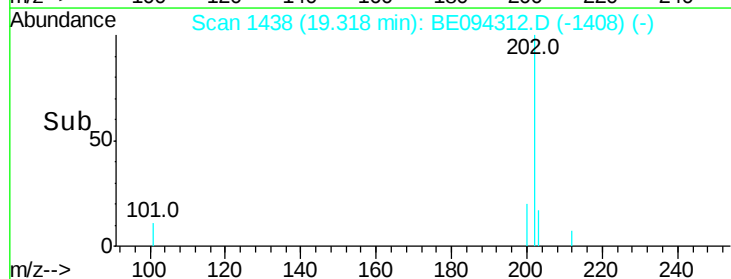
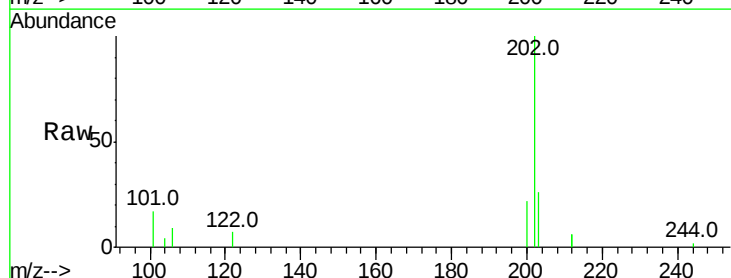
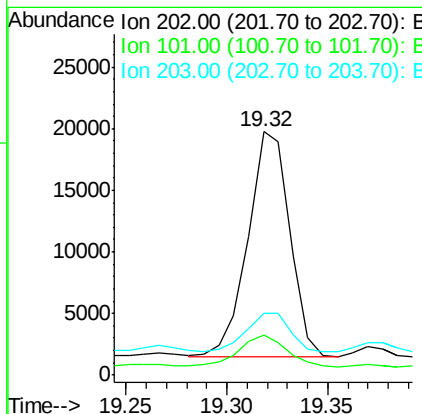
RT: 19.32 min Scan# 1438

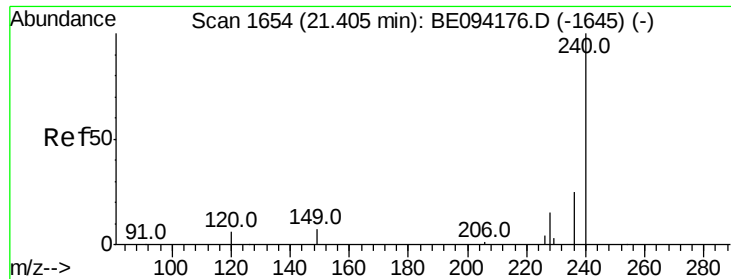
Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Tgt Ion:	202	Resp:	26420
Ion Ratio	Lower	Upper	
202	100		
101	15.3	9.8	14.8#
203	18.3	13.7	20.5





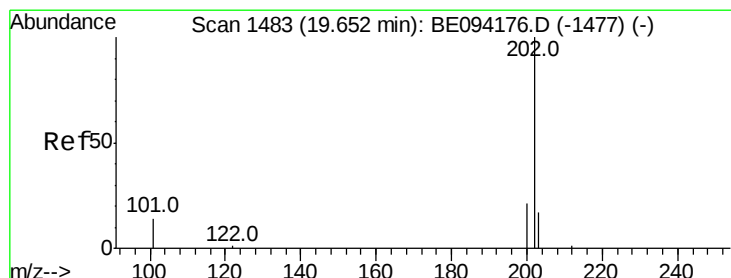
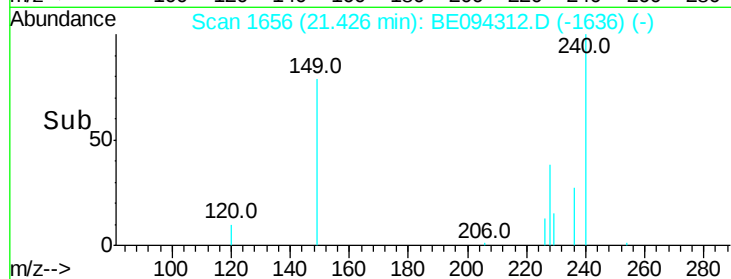
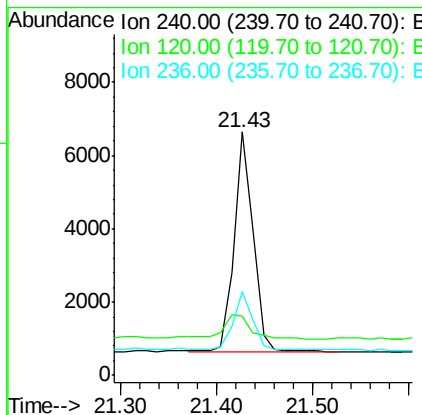
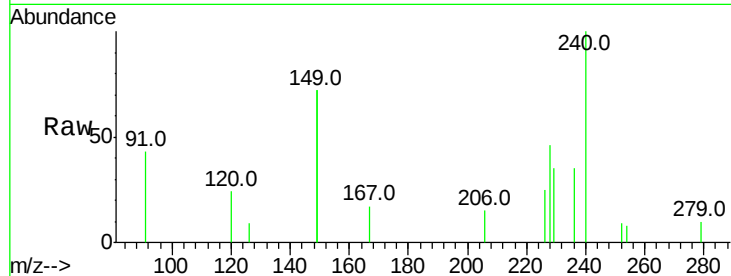
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampled :
LB-32(8.5-9)

Tot Ion:240 Resp: 8272
Ion Ratio Lower Upper
240 100
120 24.2 5.5 8.3#
236 34.5 20.7 31.1#

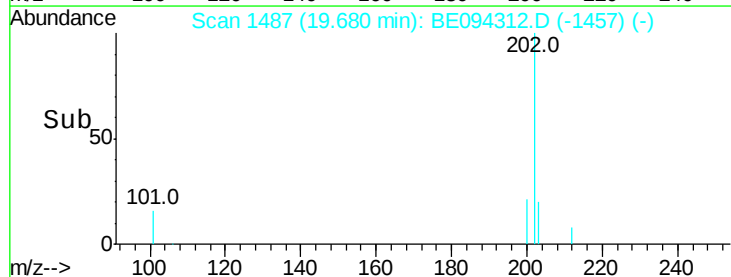
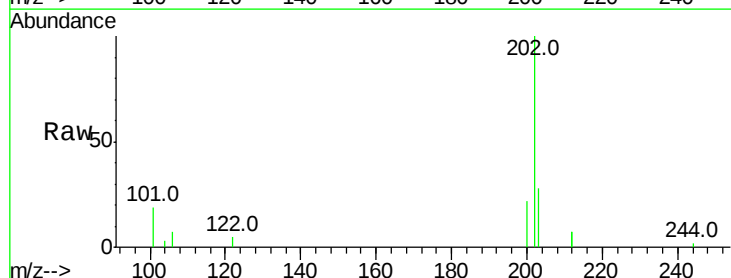
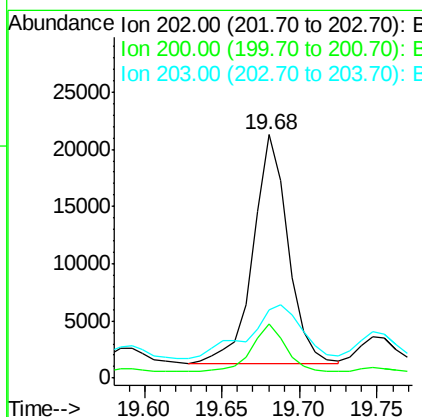
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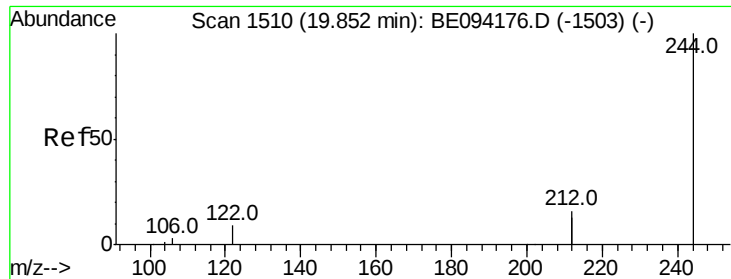
Sohil
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#28
Pyrene
Concen: 1.091 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.02 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion:202 Resp: 31040
Ion Ratio Lower Upper
202 100
200 20.1 16.6 25.0
203 34.9 13.8 20.8#





#29

Terphenyl-d14

Concen: 85.632 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

ClientSampled :

LB-32(8.5-9)

Tot Ion:244 Resp: 1337646

Ion Ratio Lower Upper

244 100

212 36.3 25.4 38.0

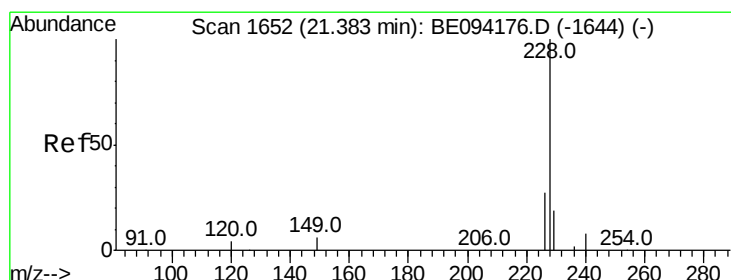
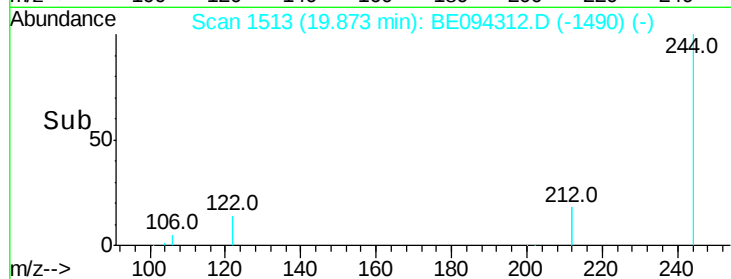
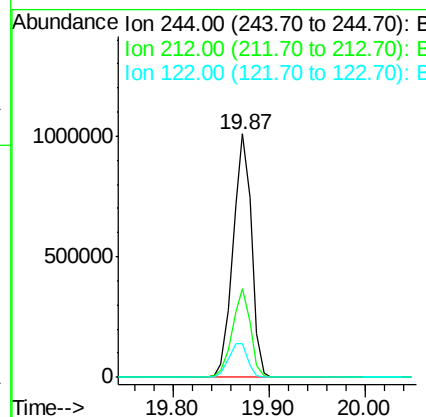
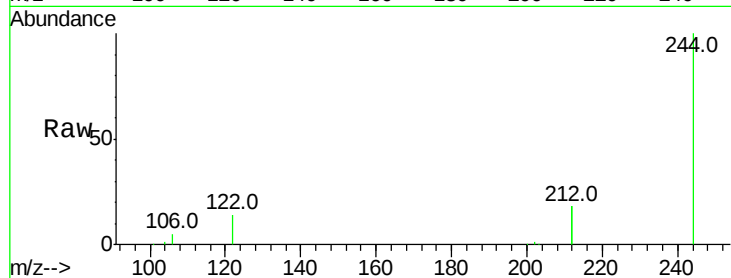
122 14.0 8.1 12.1#

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#30

Benzo(a)anthracene

Concen: 0.613 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

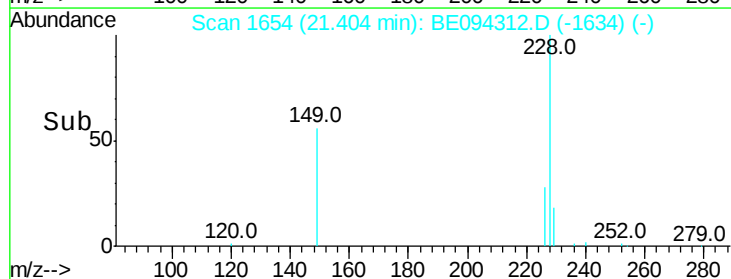
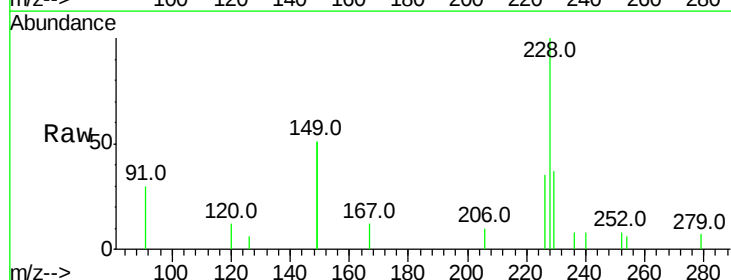
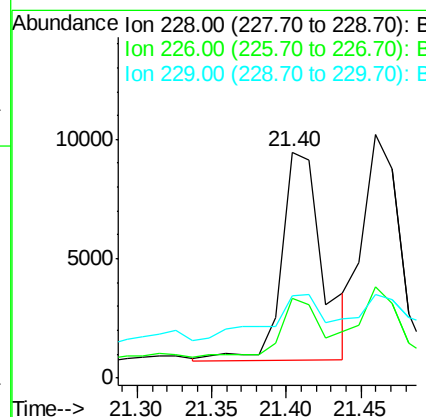
Tgt Ion:228 Resp: 16649

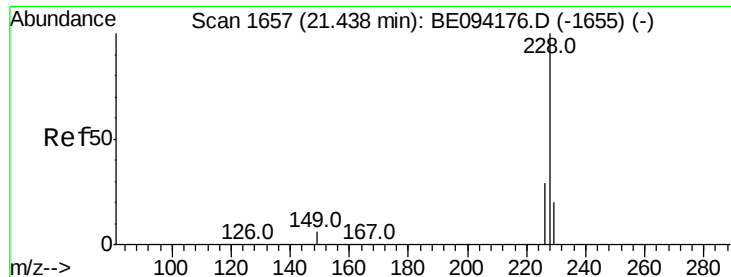
Ion Ratio Lower Upper

228 100

226 35.3 21.4 32.0#

229 36.7 16.4 24.6#





#31

Chrysene

Concen: 0.605 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.02 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

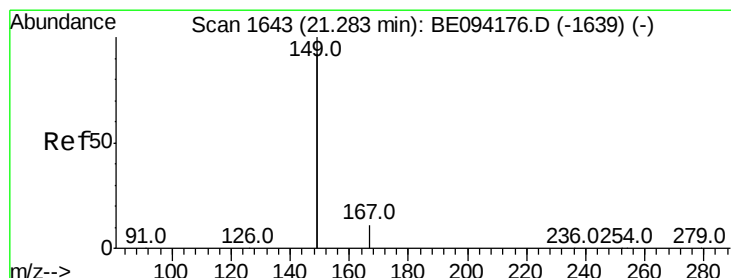
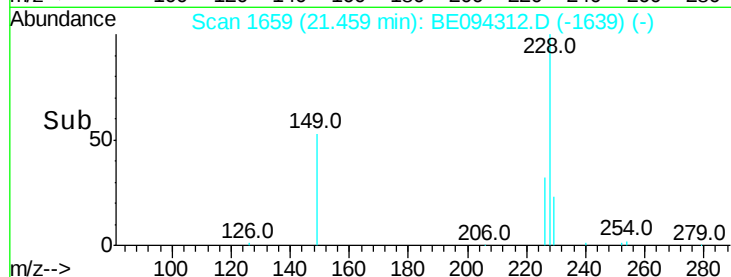
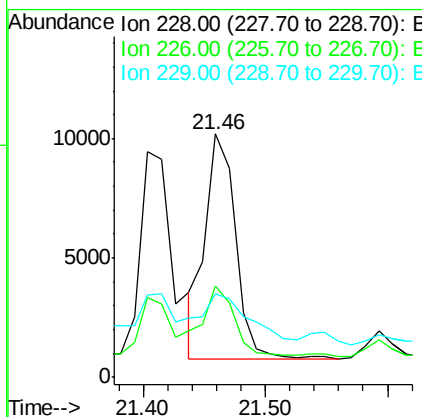
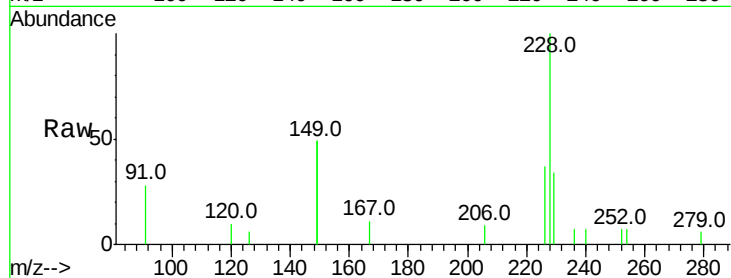
ClientSampled :

LB-32(8.5-9)

Tot Ion:	228	Resp:	16219
Ion Ratio	Lower	Upper	
228	100		
226	37.4	23.6	35.4#
229	34.3	16.4	24.6#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.124 ng

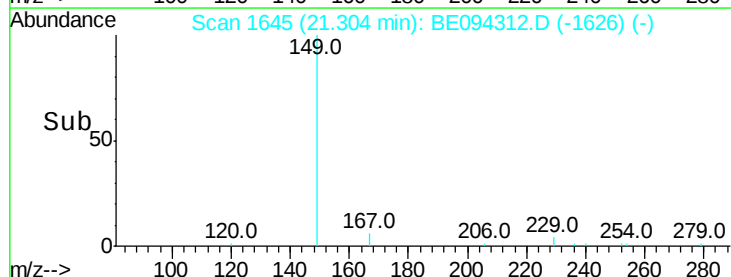
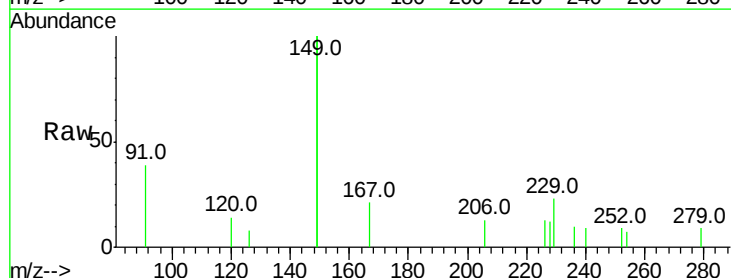
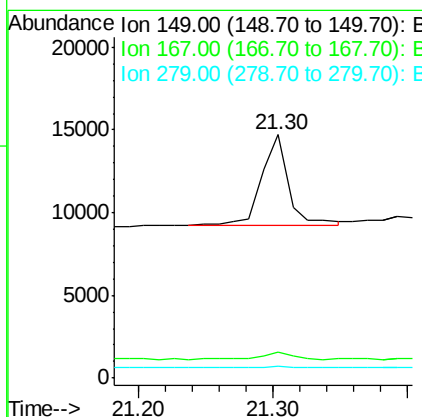
RT: 21.30 min Scan# 1645

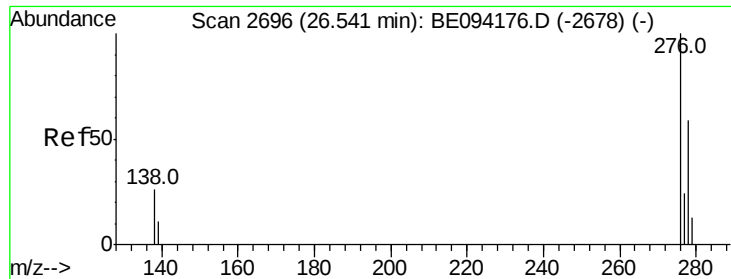
Delta R.T. 0.01 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Tgt Ion:	149	Resp:	7765
Ion Ratio	Lower	Upper	
149	100		
167	10.9	5.4	8.0#
279	3.4	0.7	1.1#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.306 ng

RT: 26.64 min Scan# 2718

Delta R.T. 0.09 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Instrument :

BNA_E

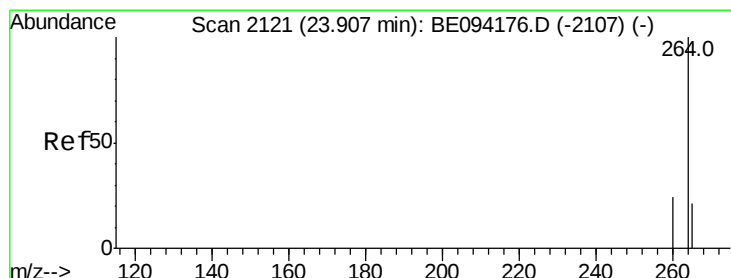
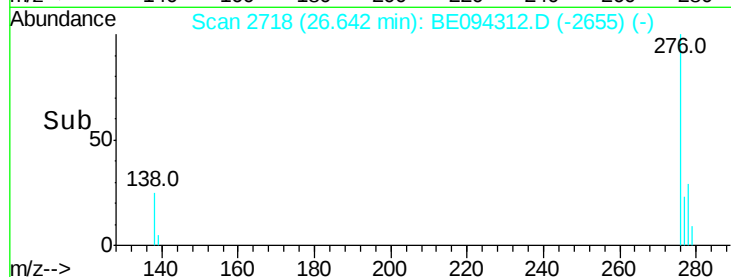
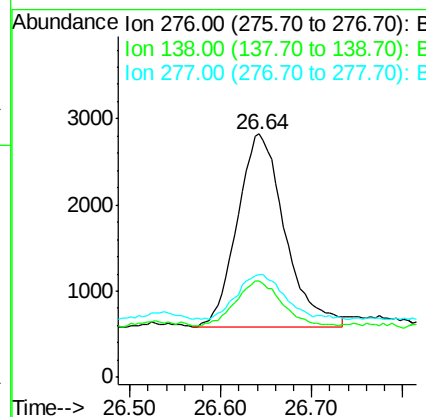
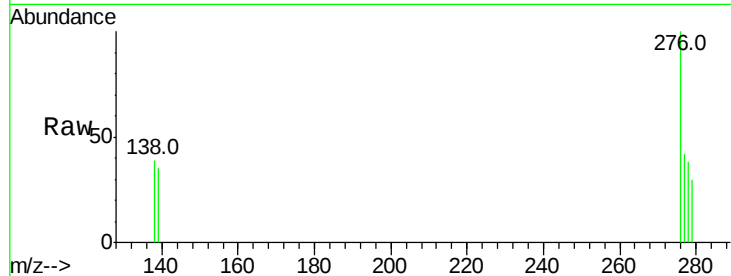
ClientSampleId :

LB-32(8.5-9)

Tot Ion:276	Resp:	8157
Ion Ratio	Lower	Upper
276	100	
138	22.7	22.5 33.7
277	23.9	19.9 29.9

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#34

Perylene-d12

Concen: 0.400 ng

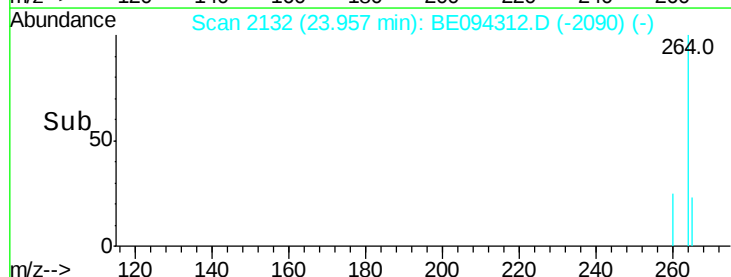
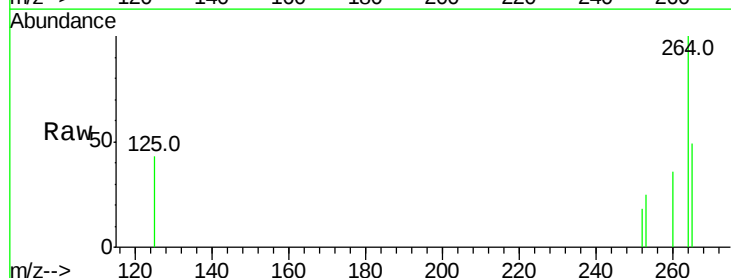
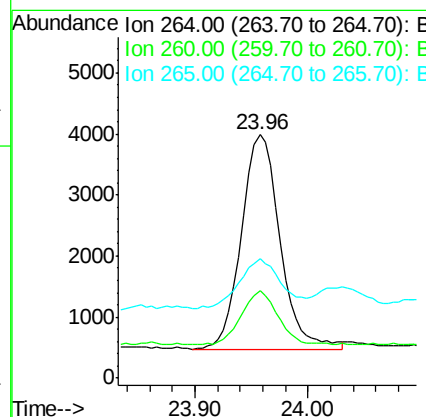
RT: 23.96 min Scan# 2132

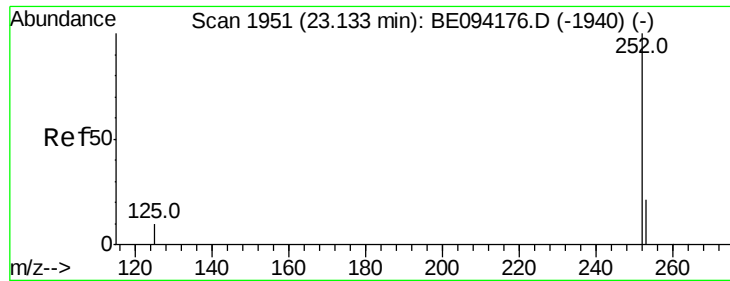
Delta R.T. 0.04 min

Lab File: BE094312.D

Acq: 12 Oct 2017 12:49

Tgt Ion:264	Resp:	8166
Ion Ratio	Lower	Upper
264	100	
260	35.7	20.5 30.7#
265	48.9	22.8 34.2#





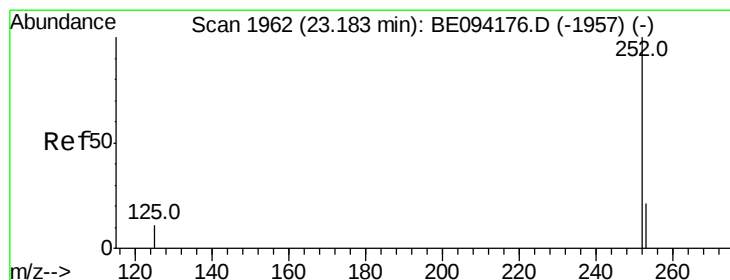
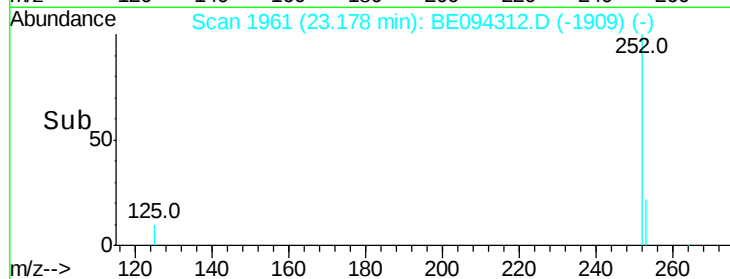
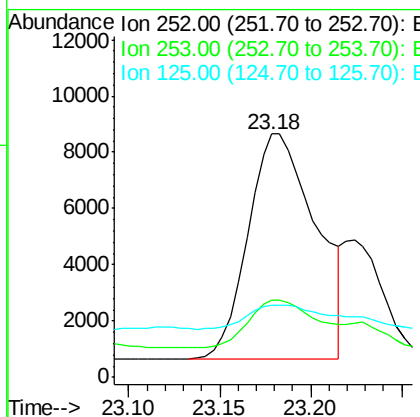
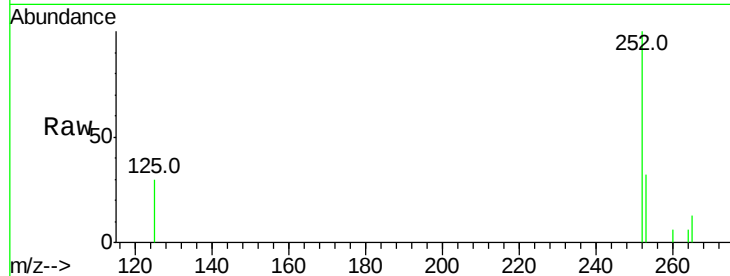
#35
Benzo(b)fluoranthene
Concen: 0.757 ng
RT: 23.18 min Scan# 1961
Delta R.T. 0.04 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :
LB-32(8.5-9)

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.9	18.2	27.2#
125	29.8	10.1	15.1#

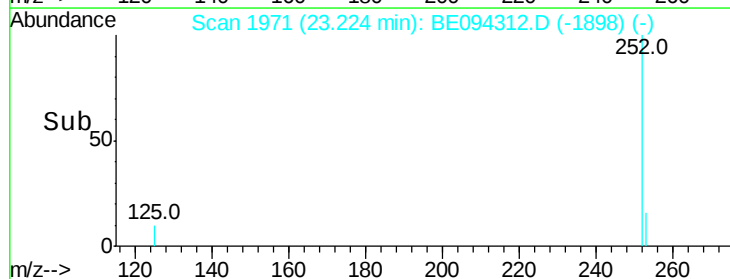
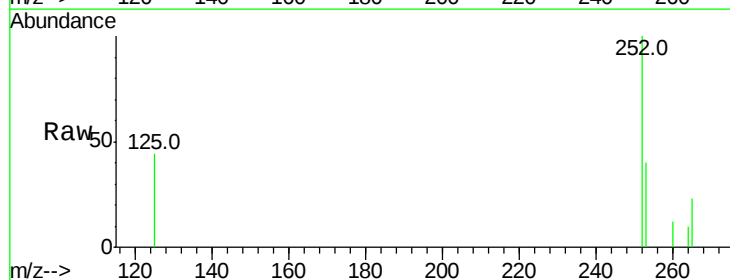
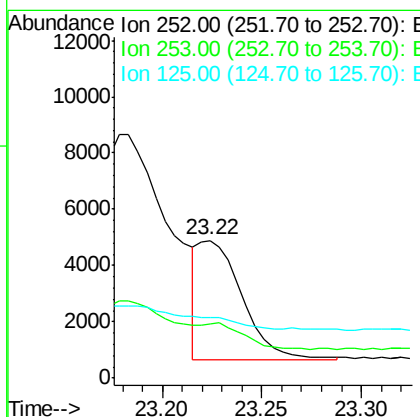
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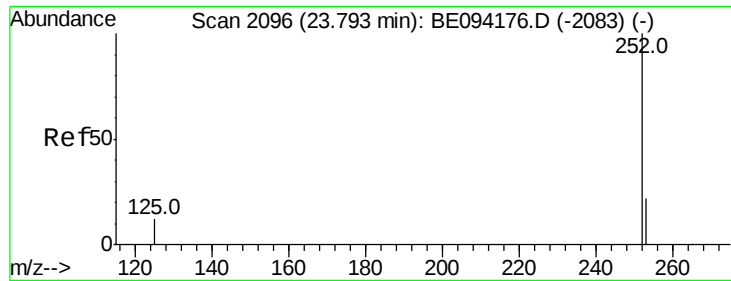
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#36
Benzo(k)fluoranthene
Concen: 0.234 ng m
RT: 23.22 min Scan# 1971
Delta R.T. 0.03 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.8	18.6	27.8#
125	44.4	10.7	16.1#





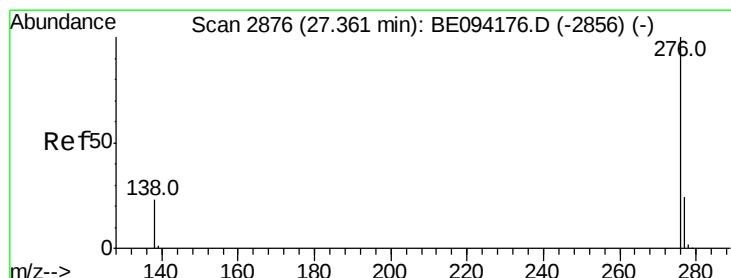
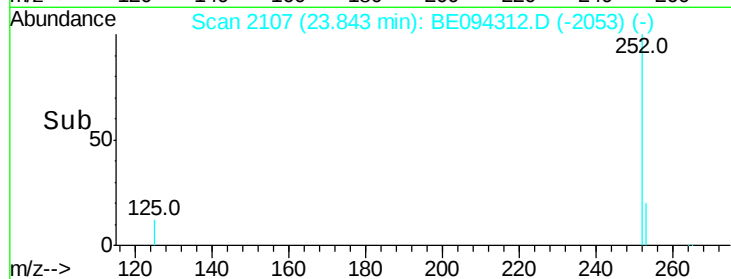
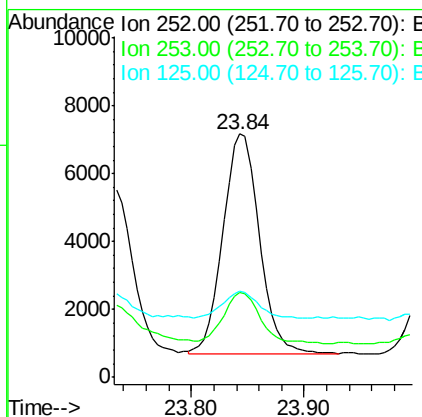
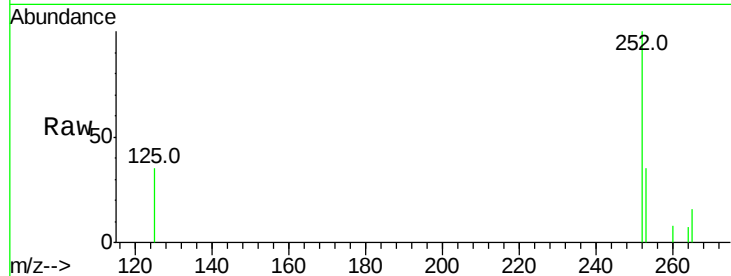
#37
Benzo(a)pyrene
Concen: 0.547 ng
RT: 23.84 min Scan# 2107
Delta R.T. 0.05 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Instrument :
BNA_E
ClientSampleId :
LB-32(8.5-9)

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.6	19.0	28.6#
125	35.1	11.8	17.8#

Manual Integrations
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#39
Benzo(g,h,i)perylene
Concen: 0.311 ng
RT: 27.48 min Scan# 2902
Delta R.T. 0.11 min
Lab File: BE094312.D
Acq: 12 Oct 2017 12:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	44.0	20.8	31.2#
138	42.1	21.5	32.3#

