

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
 Data File : BE094112.D
 Acq On : 25 Sep 2017 21:08
 Operator : SJ/JU
 Sample : I5340-12MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LT-TS-012MS

Manual Integrations
 APPROVED

Sohil
 9/26/2017 5:03:48 PM

Quant Time: Sep 26 02:50:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 17:37:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1562	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7386	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4866	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18461	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15838	0.40	ng	0.00
34) Perylene-d12	23.91	264	15379	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	850	0.14	ng	0.00
5) Phenol-d6	7.09	99	1343	0.16	ng	0.00
8) Nitrobenzene-d5	9.06	82	1054	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	1652	0.15	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	364	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	2160	0.13	ng	0.00
25) Fluoranthene-d10	19.27	212	22892	0.13	ng	0.00
29) Terphenyl-d14	19.85	244	3633	0.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	587	0.193	ng	# 44
3) n-Nitrosodimethylamine	3.73	42	542	0.139	ng	# 90
6) bis(2-Chloroethyl)ether	7.33	93	1000	0.157	ng	99
9) Naphthalene	10.74	128	13376	0.160	ng	99
10) Hexachlorobutadiene	11.03	225	405	0.130	ng	98
12) 2-Methylnaphthalene	12.35	142	2231	0.165	ng	96
16) Acenaphthylene	14.23	152	5714	0.234	ng	98
17) Acenaphthene	14.57	154	2637	0.173	ng	97
18) Fluorene	15.55	166	3816	0.184	ng	96
20) 4-Bromophenyl-phenylether	16.42	248	1246	0.165	ng	97
21) Hexachlorobenzene	16.55	284	835	0.175	ng	98
22) Pentachlorophenol	16.91	266	894	0.204	ng	# 73
23) Phenanthrene	17.27	178	29872	0.632	ng	98
24) Anthracene	17.37	178	10330	0.208	ng	97
26) Fluoranthene	19.30	202	52170	0.986	ng	99
28) Pyrene	19.66	202	53667	1.069	ng	# 96
30) Benzo(a)anthracene	21.38	228	28100	0.527	ng	96
31) Chrysene	21.44	228	31366	0.609	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	165736	1.082	ng	99
33) Indeno(1,2,3-cd)pyrene	26.55	276	19598	0.356	ng	98
35) Benzo(b)fluoranthene	23.14	252	34818	0.627	ng	# 94
36) Benzo(k)fluoranthene	23.18	252	17155m	0.323	ng	
37) Benzo(a)pyrene	23.79	252	26221	0.523	ng	# 94
38) Dibenzo(a,h)anthracene	26.56	278	8279	0.174	ng	# 83
39) Benzo(g,h,i)perylene	27.37	276	18810	0.400	ng	97

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

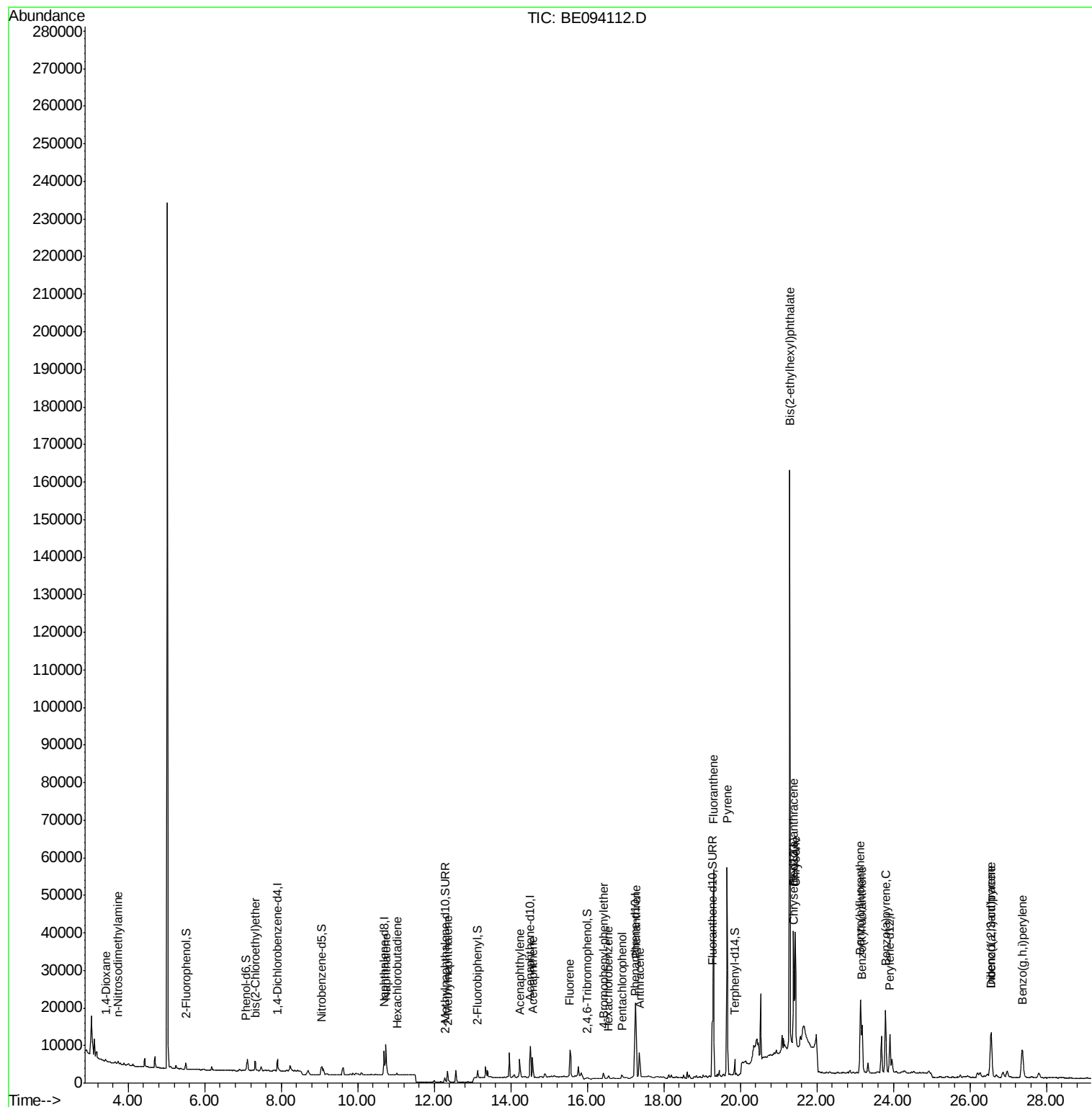
Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094112.D
Acq On : 25 Sep 2017 21:08
Operator : SJ/JU
Sample : I5340-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LT-TS-012MS

Manual Integrations
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Quant Time: Sep 26 02:50:24 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 17:37:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. 0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

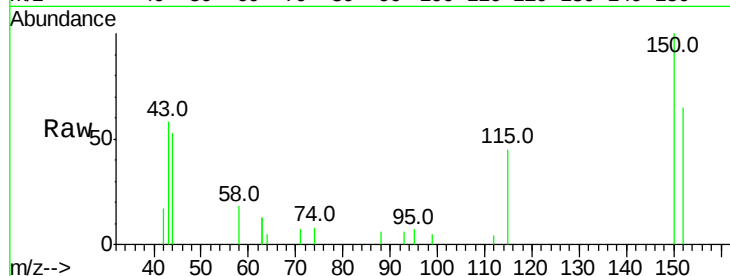
ClientSampleId :

LT-TS-012MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	117.2	175.8
115	69.7	57.0	85.6

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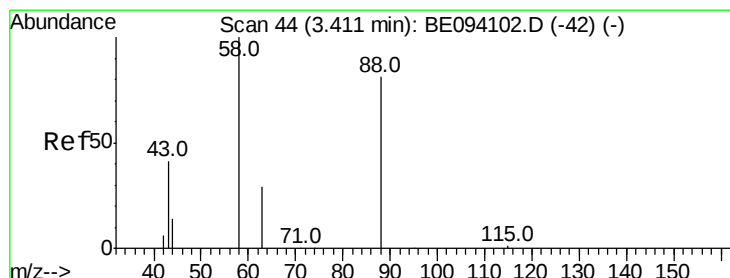
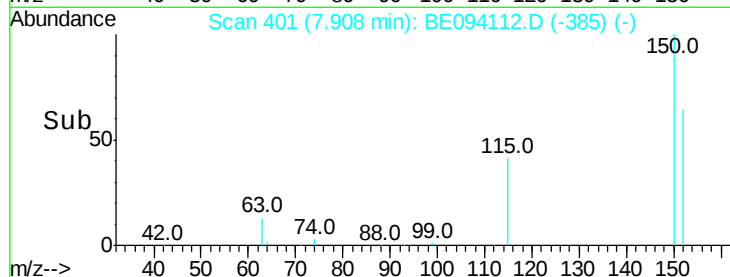
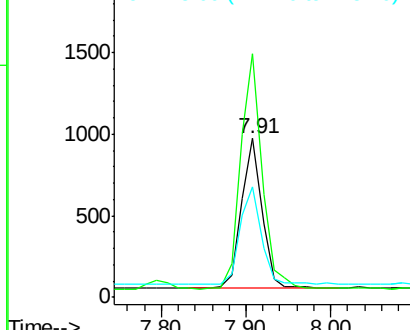
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.193 ng

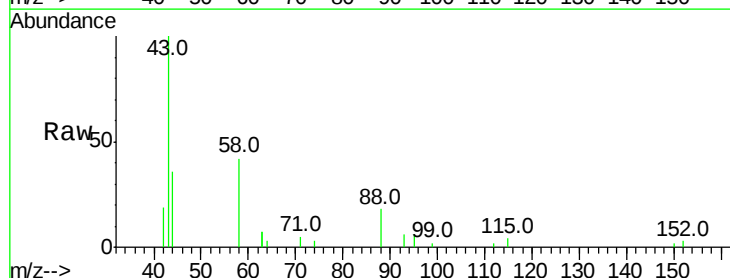
RT: 3.41 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

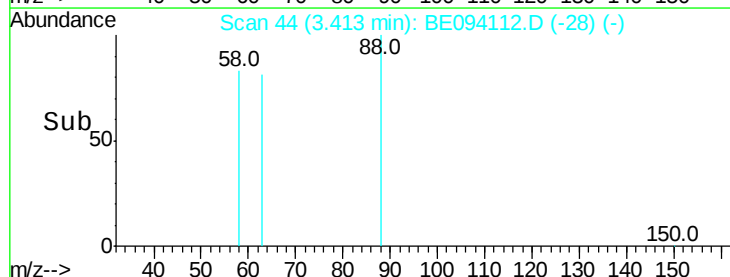
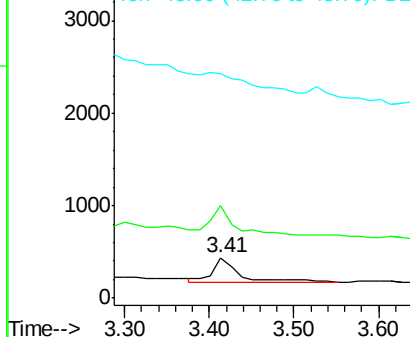
Tgt Ion	Ratio	Lower	Upper
88	100		
58	118.2	63.2	94.8#
43	0.0	41.2	61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.139 ng

RT: 3.73 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

ClientSampleId :

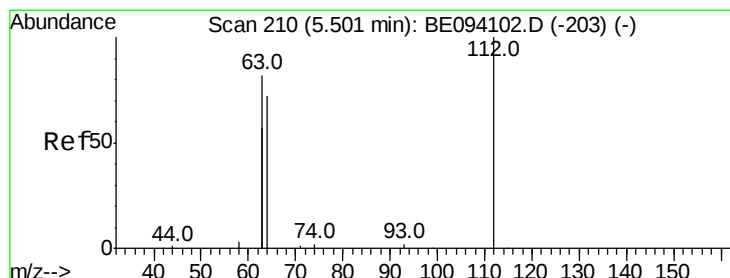
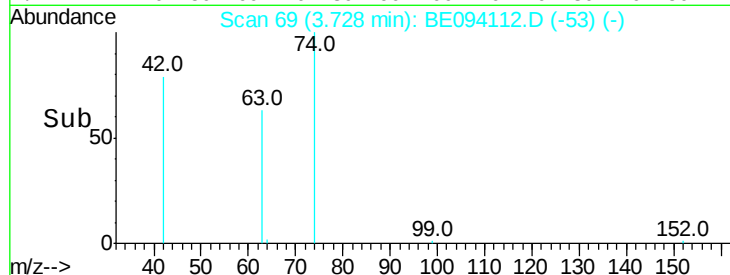
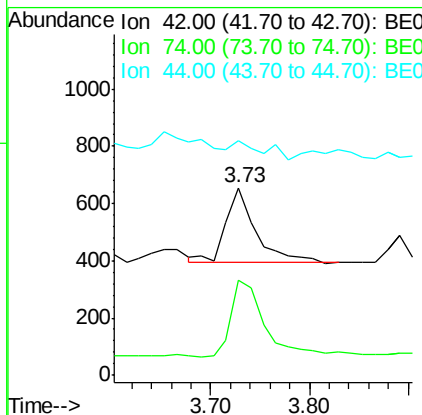
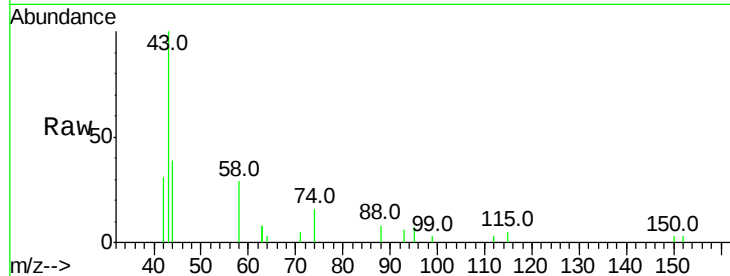
LT-TS-012MS

Tot Ion:	42	Resp:	542
Ion	Ratio	Lower	Upper
42	100		
74	120.8	100.3	150.5
44	0.0	17.0	25.4#

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#4

2-Fluorophenol

Concen: 0.144 ng

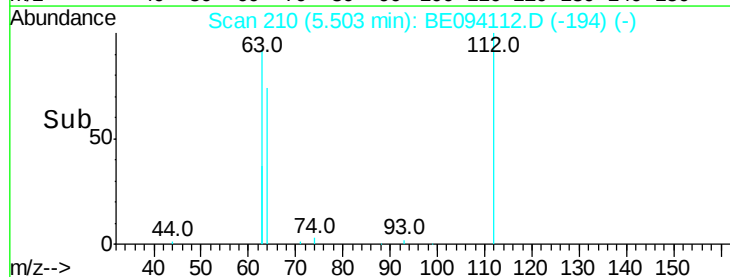
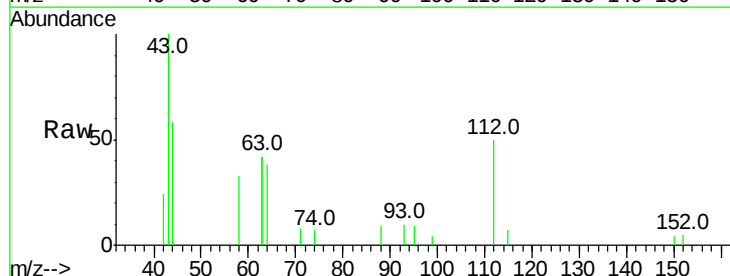
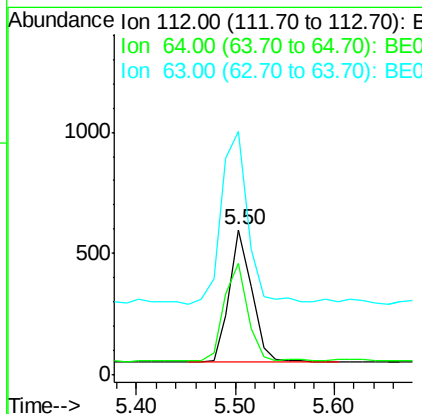
RT: 5.50 min Scan# 210

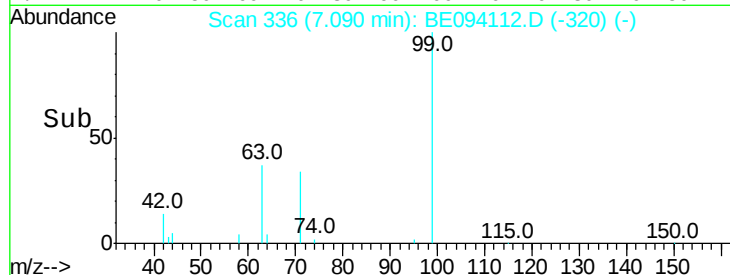
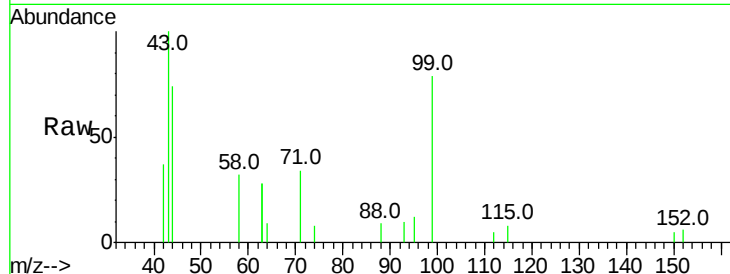
Delta R.T. 0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Tgt Ion:	112	Resp:	850
Ion	Ratio	Lower	Upper
112	100		
64	79.1	60.1	90.1
63	156.6	116.8	175.2





#5

Phenol-d6

Concen: 0.163 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Tot Ion:	99	Resp:	1343
Ion	Ratio	Lower	Upper
99	100		
42	29.0	20.2	30.2
71	33.4	28.4	42.6

Instrument :

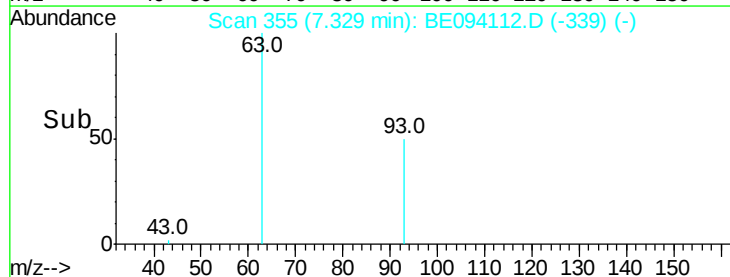
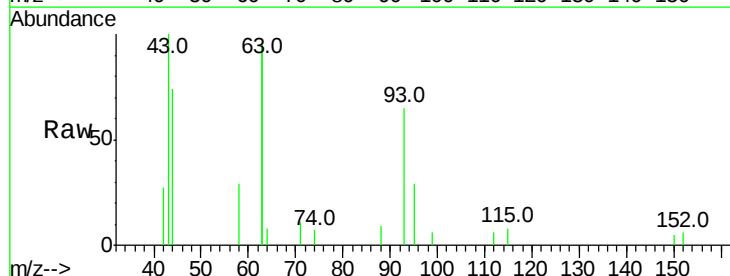
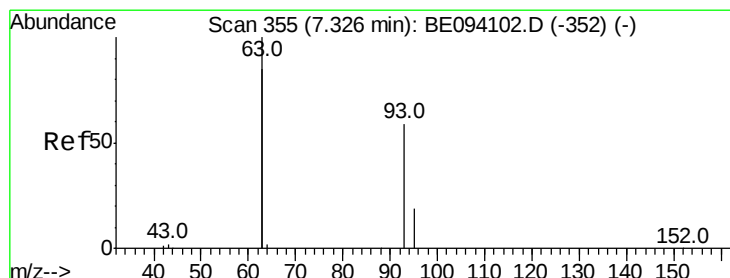
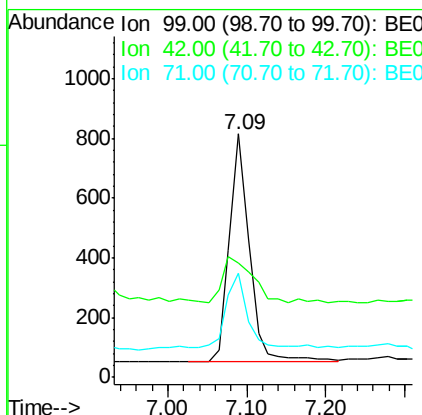
BNA_E

ClientSampled :

LT-TS-012MS

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#6

bis(2-Chloroethyl)ether

Concen: 0.157 ng

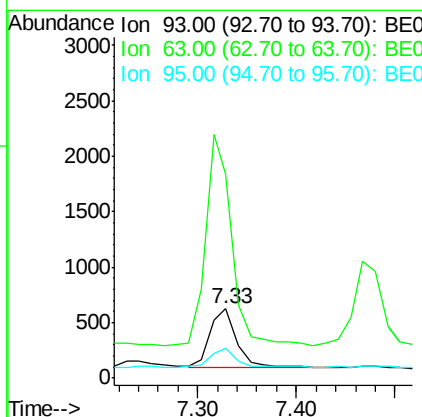
RT: 7.33 min Scan# 355

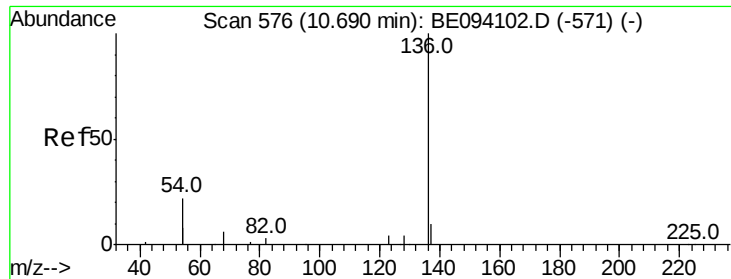
Delta R.T. 0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Tgt Ion:	93	Resp:	1000
Ion	Ratio	Lower	Upper
93	100		
63	344.9	275.3	412.9
95	33.8	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

ClientSampleId :

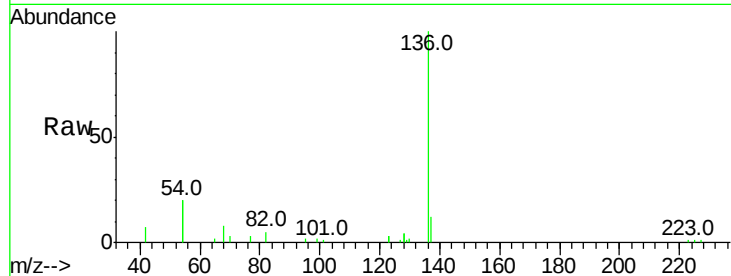
LT-TS-012MS

Tot Ion:	136	Resp:	7386
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.5	14.3
54	39.8	29.1	43.7
68	8.4	6.2	9.2

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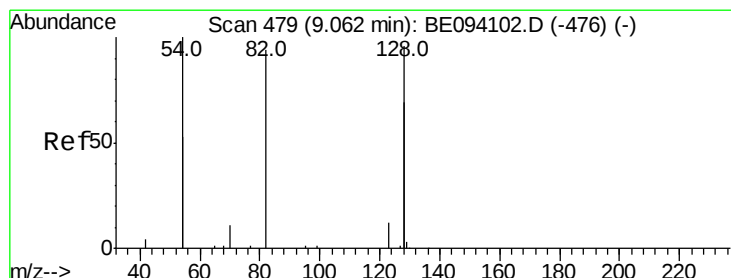
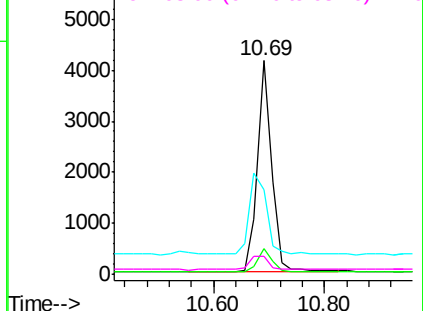
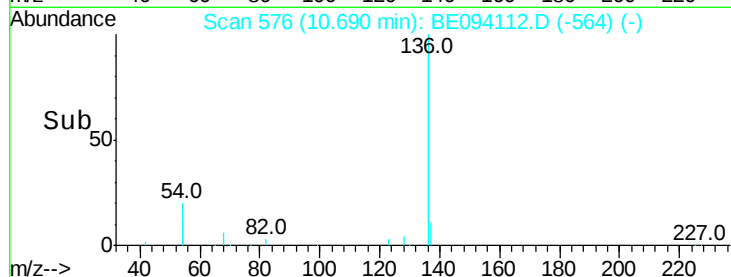


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.147 ng

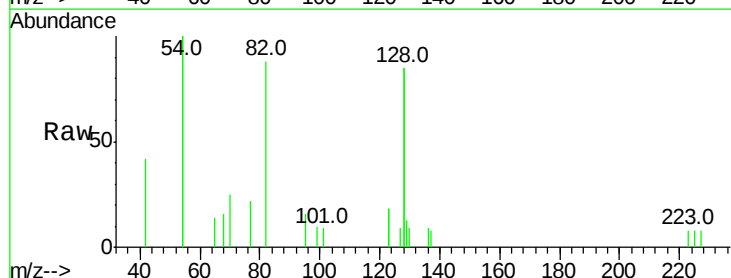
RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

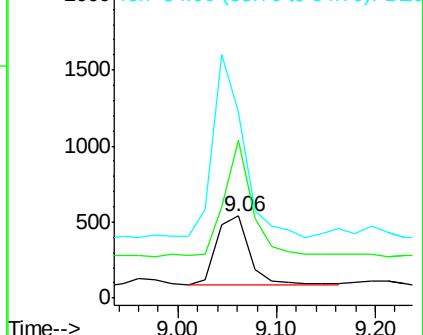
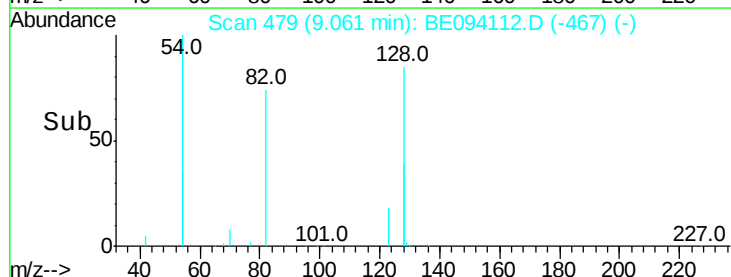
Tgt Ion:	82	Resp:	1054
Ion Ratio	Lower	Upper	
82	100		
128	192.2	150.0	225.0
54	226.2	154.2	231.4

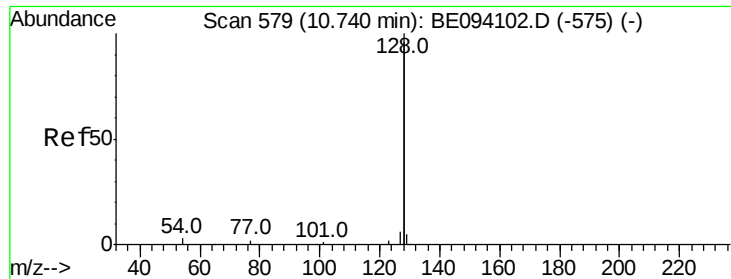


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.160 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

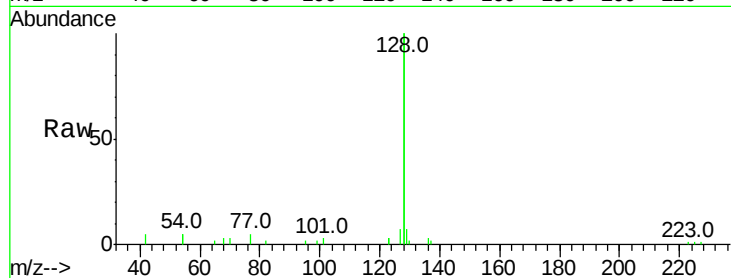
ClientSampleId :

LT-TS-012MS

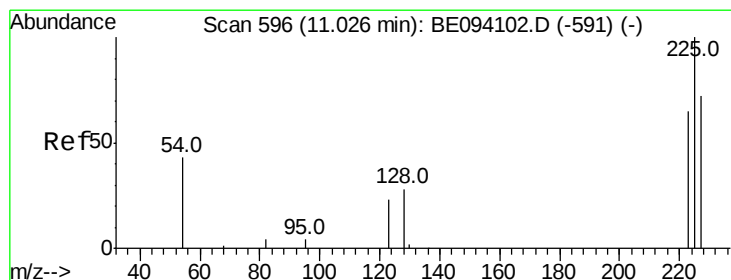
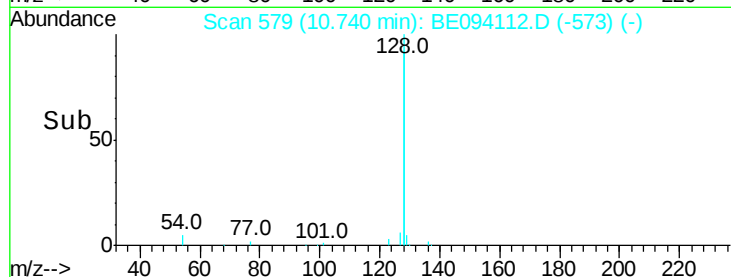
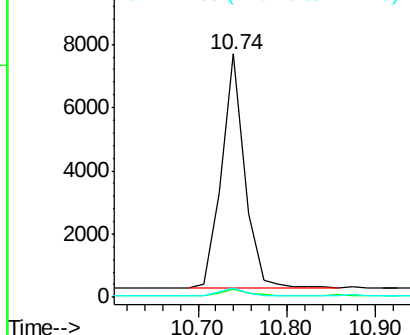
Tot Ion:	128	Resp:	13376
Ion Ratio	Lower	Upper	
128	100		
129	3.6	2.6	3.8
127	3.7	2.8	4.2

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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



#10

Hexachlorobutadiene

Concen: 0.130 ng

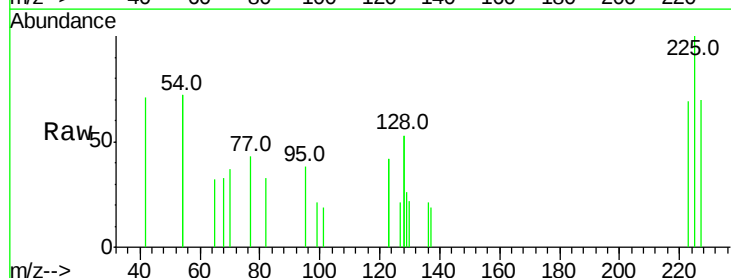
RT: 11.03 min Scan# 596

Delta R.T. -0.00 min

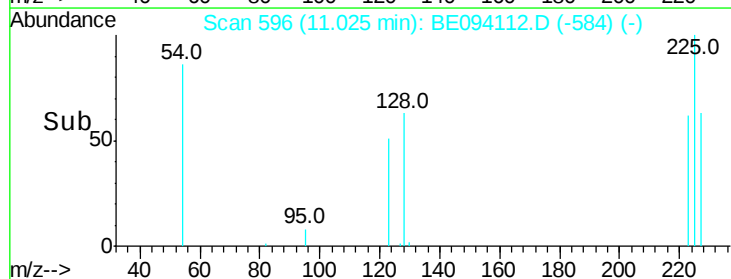
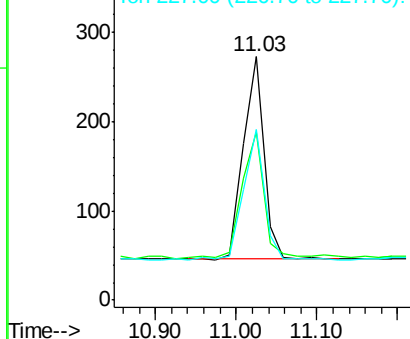
Lab File: BE094112.D

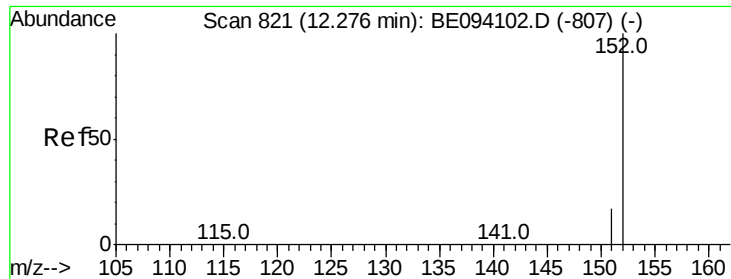
Acq: 25 Sep 2017 21:08

Tgt Ion:	225	Resp:	405
Ion Ratio	Lower	Upper	
225	100		
223	66.7	53.0	79.6
227	66.9	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.145 ng

RT: 12.28 min Scan# 821

Delta R.T. 0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

ClientSampleId :

LT-TS-012MS

Tot Ion:152 Resp: 1652

Ion Ratio Lower Upper

152 100

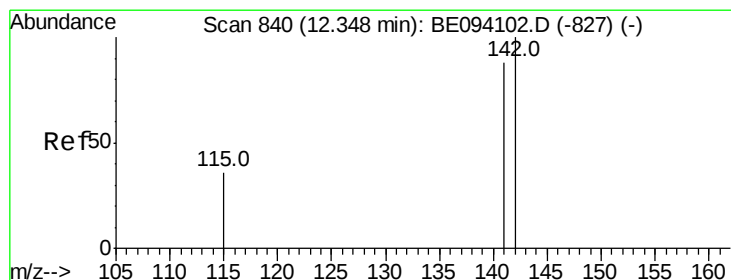
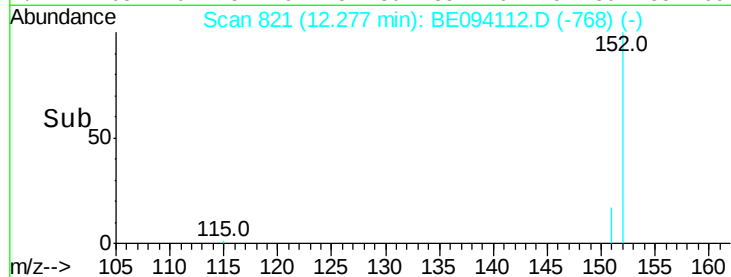
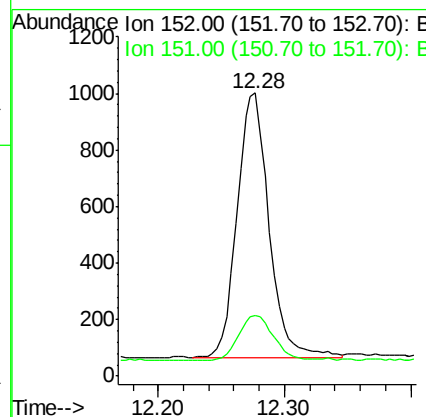
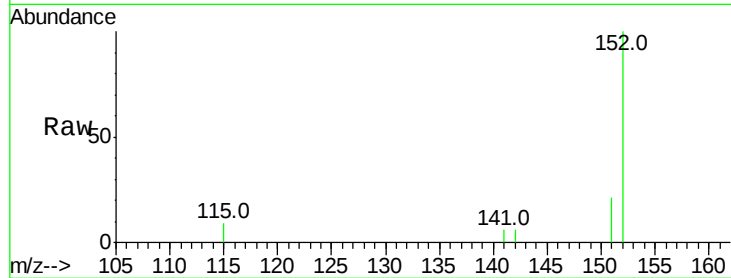
151 18.6 15.4 23.0

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#12

2-Methylnaphthalene

Concen: 0.165 ng

RT: 12.35 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

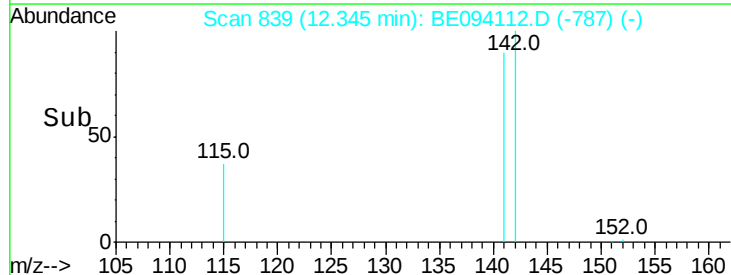
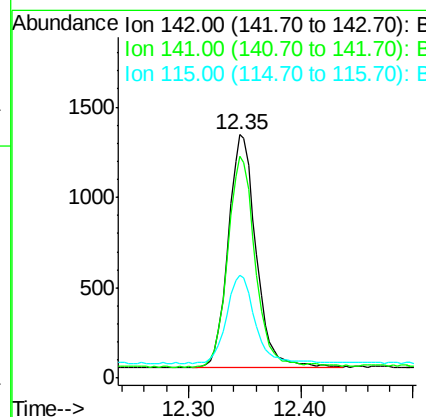
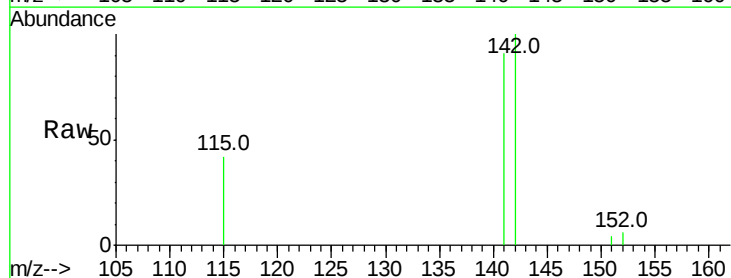
Tgt Ion:142 Resp: 2231

Ion Ratio Lower Upper

142 100

141 90.9 70.4 105.6

115 42.4 31.7 47.5





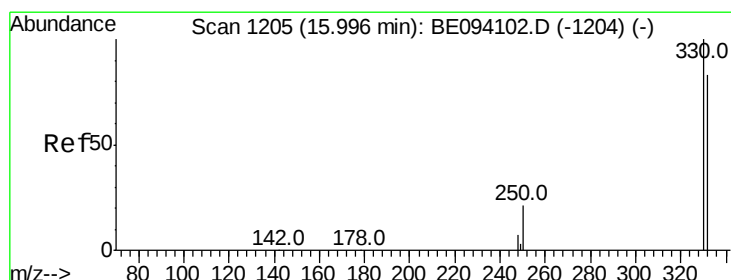
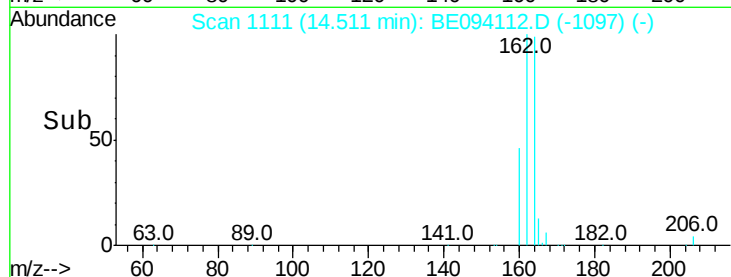
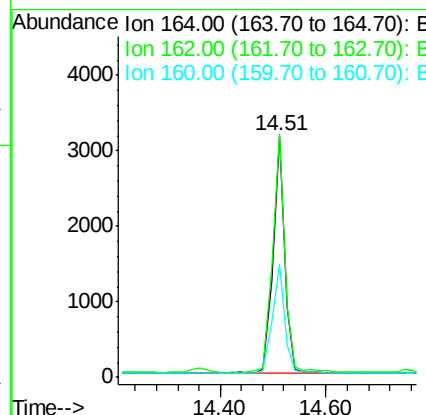
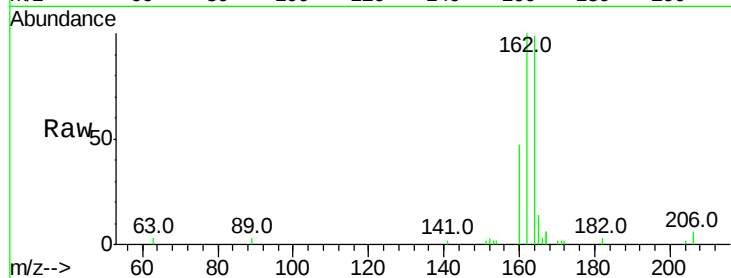
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Instrument :
BNA_E
ClientSampleId :
LT-TS-012MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.1	124.7
160	47.0	37.1	55.7

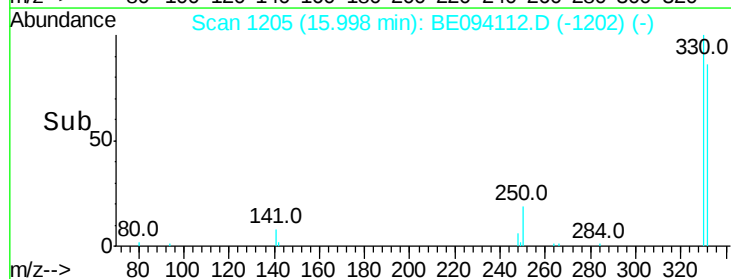
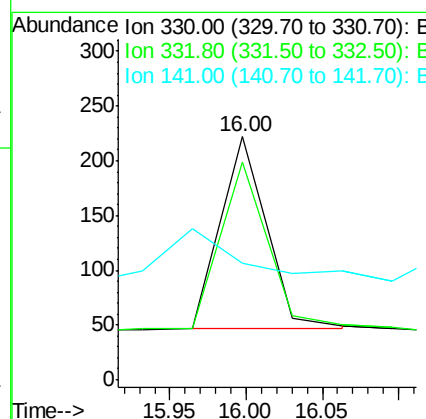
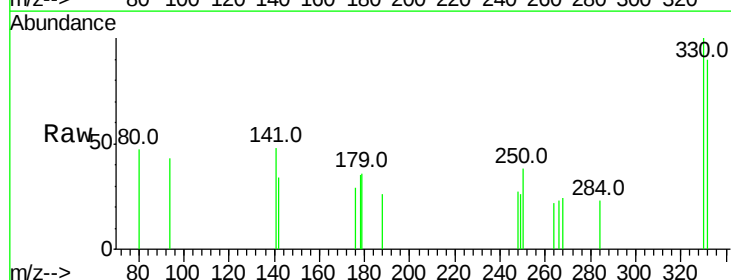
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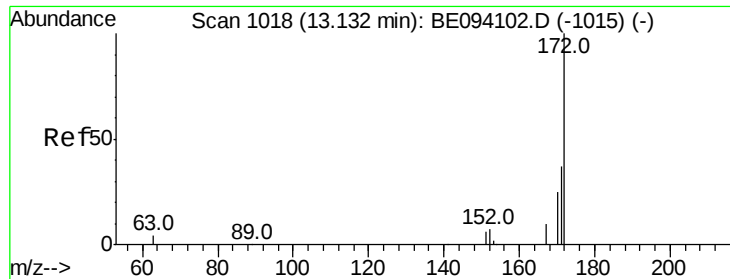
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#14
2,4,6-Tribromophenol
Concen: 0.102 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	89.3	152.7	229.1#
141	0.0	33.7	50.5#





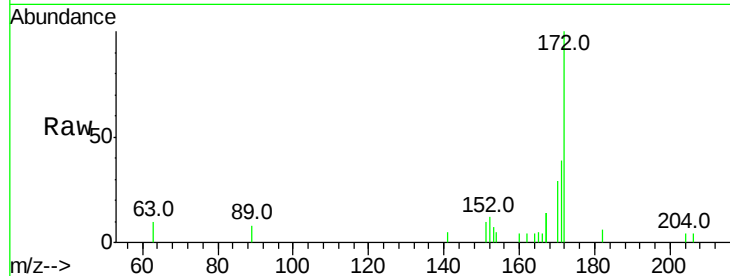
#15
2-Fluorobiphenyl
Concen: 0.134 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Instrument :
BNA_E
ClientSampleId :
LT-TS-012MS

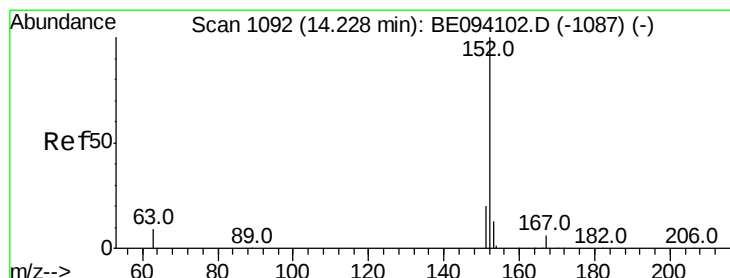
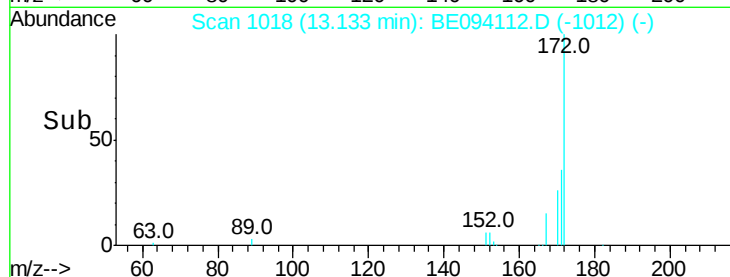
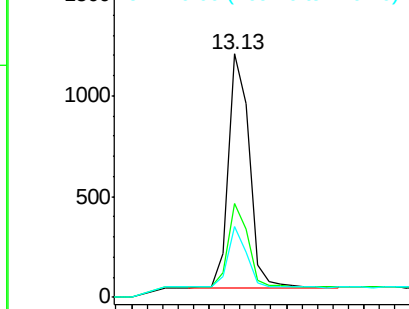
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.9	44.9
170	29.1	21.8	32.8

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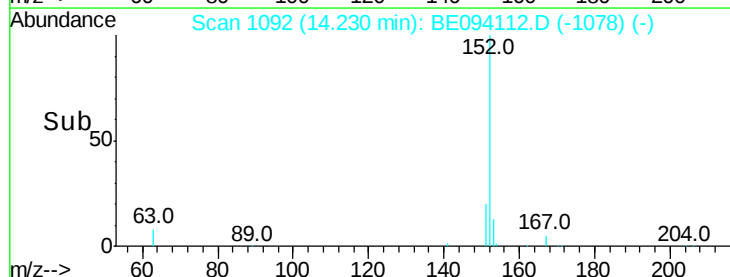
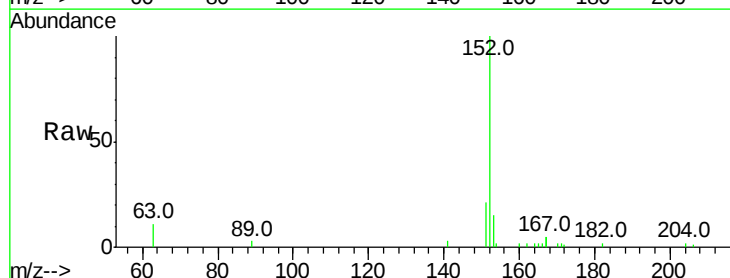
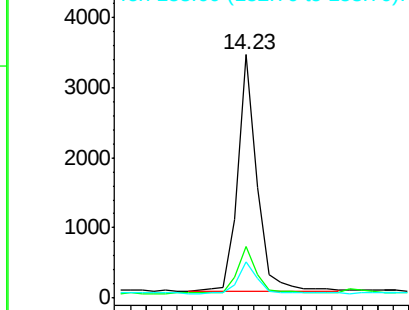
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.234 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	13.9	10.5	15.7

Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





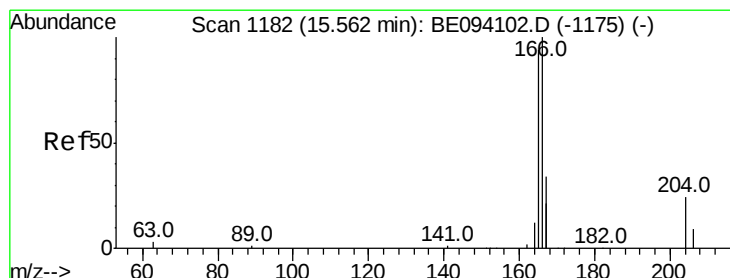
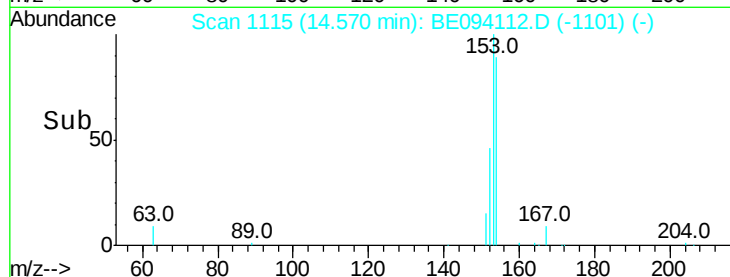
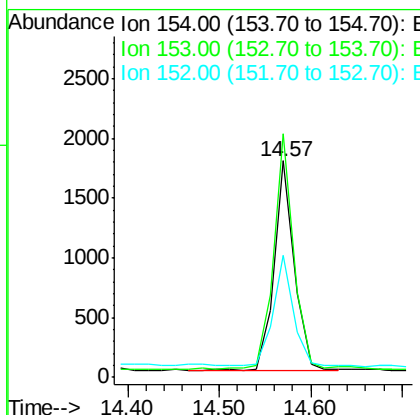
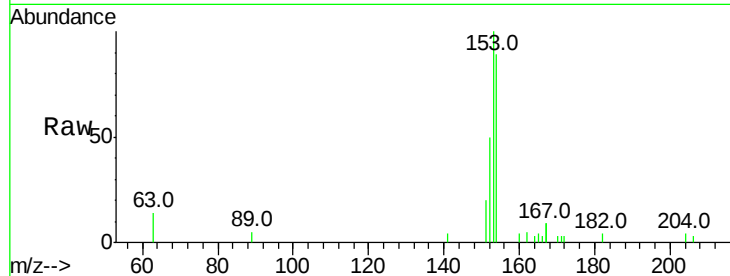
#17
Acenaphthene
Concen: 0.173 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Instrument :
BNA_E
ClientSampleId :
LT-TS-012MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.2	133.8
152	55.3	42.0	63.0

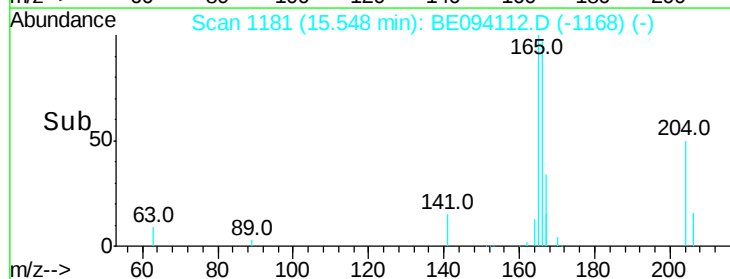
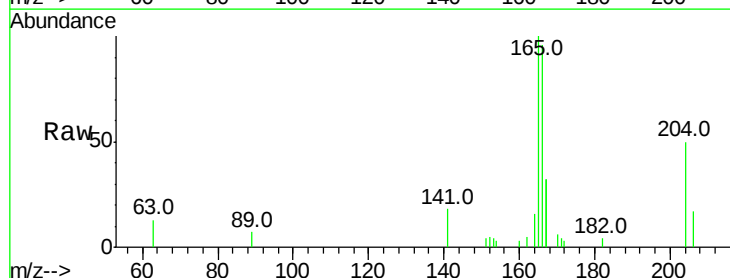
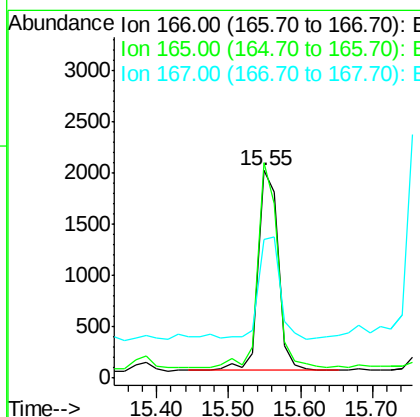
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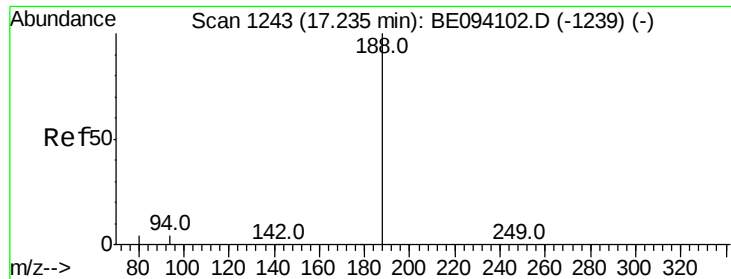
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#18
Fluorene
Concen: 0.184 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	77.8	116.6
167	55.5	42.4	63.6





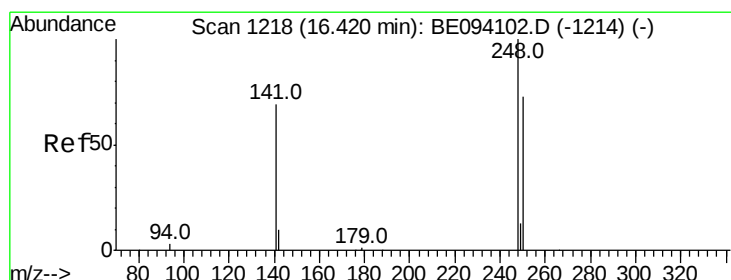
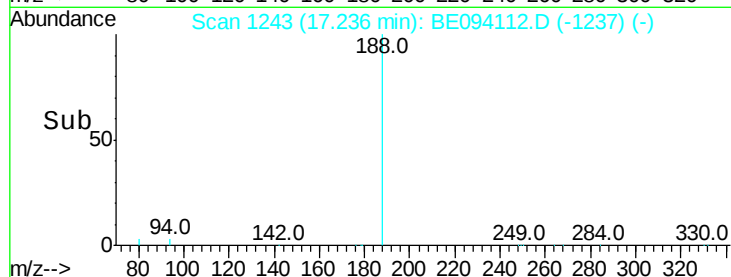
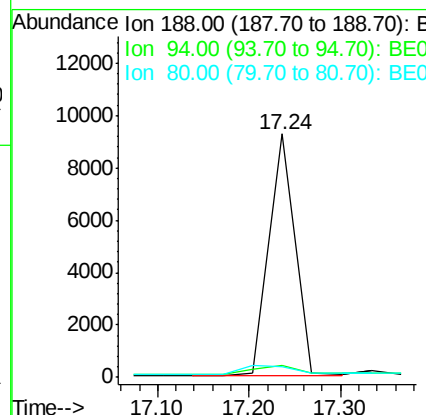
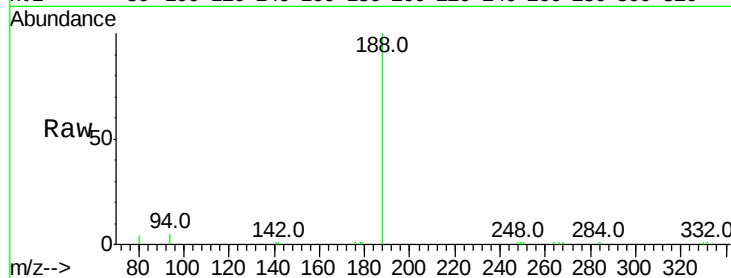
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Instrument :
BNA_E
ClientSampleId :
LT-TS-012MS

Tot Ion:188	Resp:	18461
Ion Ratio	Lower	Upper
188 100		
94 4.8	3.9	5.9
80 4.4	3.6	5.4

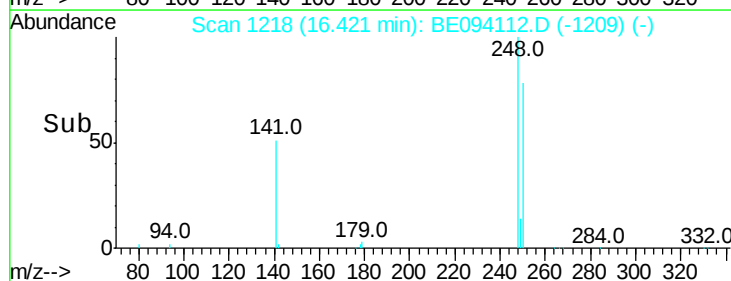
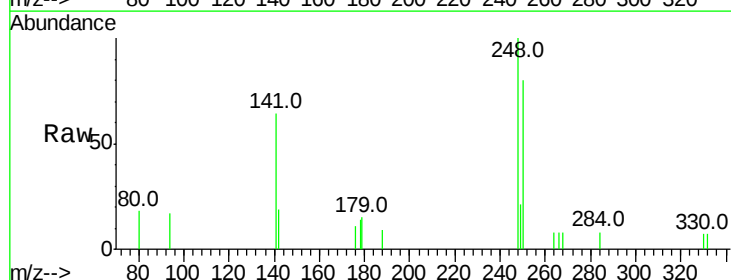
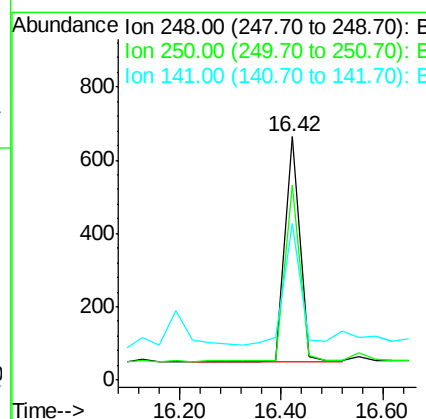
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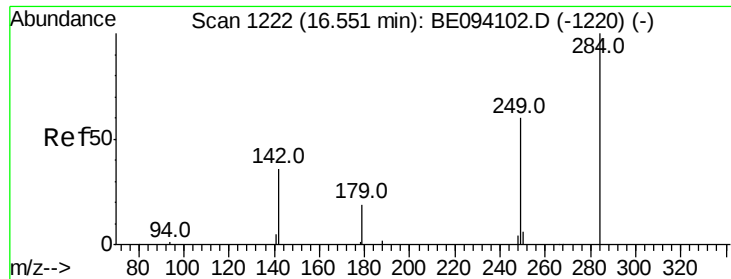
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#20
4-Bromophenyl-phenylether
Concen: 0.165 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Tgt Ion:248	Resp:	1246
Ion Ratio	Lower	Upper
248 100		
250 80.0	62.7	94.1
141 64.2	48.2	72.2





#21

Hexachlorobenzene

Concen: 0.175 ng

RT: 16.55 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

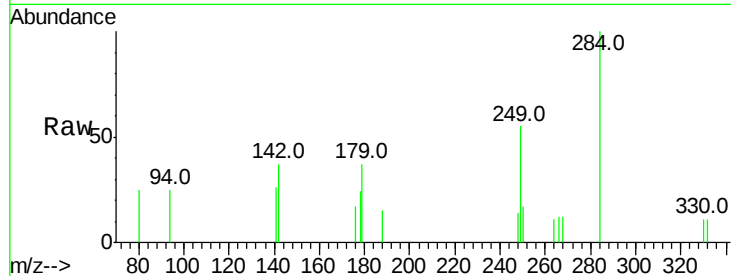
ClientSampleId :

LT-TS-012MS

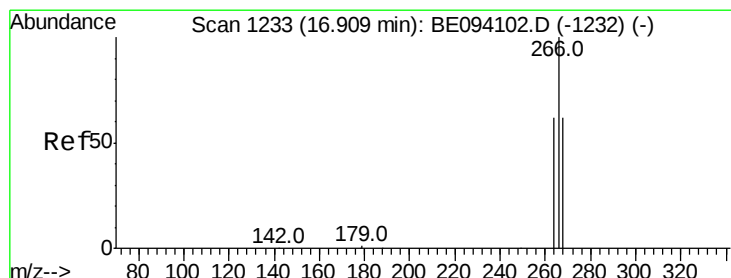
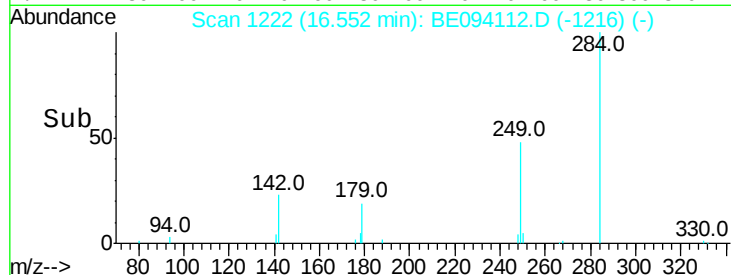
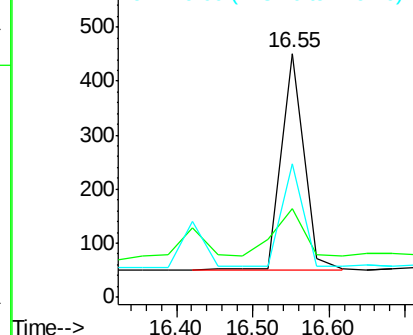
Tot Ion:	284	Resp:	835
Ion Ratio	Lower	Upper	
284	100		
142	28.4	22.1	33.1
249	44.8	34.8	52.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.204 ng

RT: 16.91 min Scan# 1233

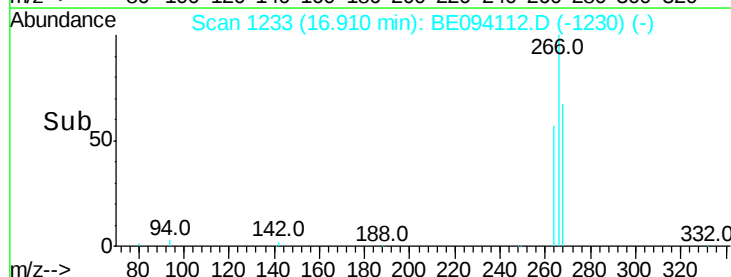
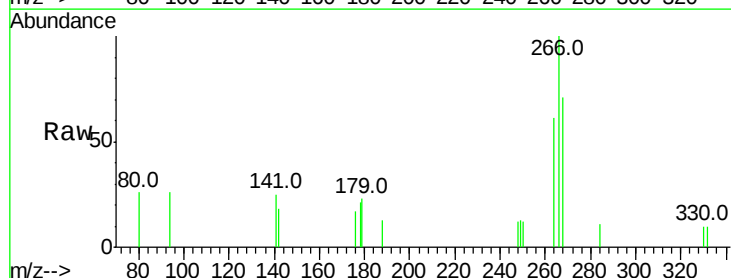
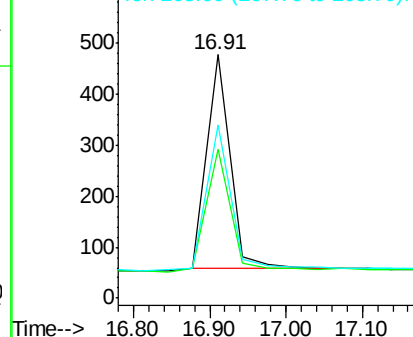
Delta R.T. 0.00 min

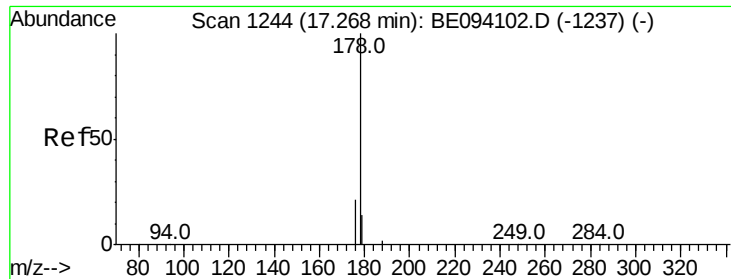
Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Tgt Ion:	266	Resp:	894
Ion Ratio	Lower	Upper	
266	100		
264	61.2	72.5	108.7#
268	71.1	73.8	110.6#

Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





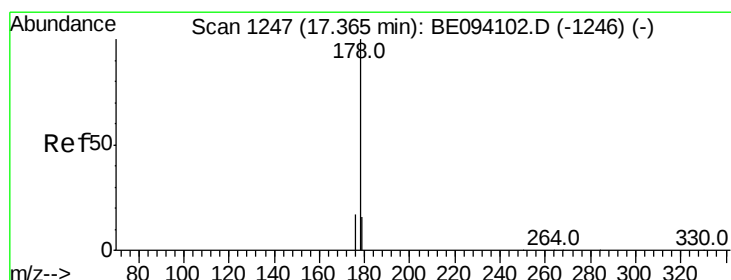
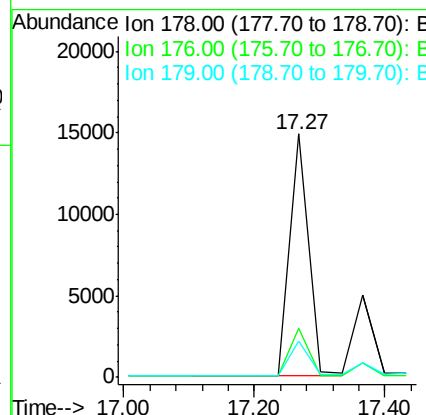
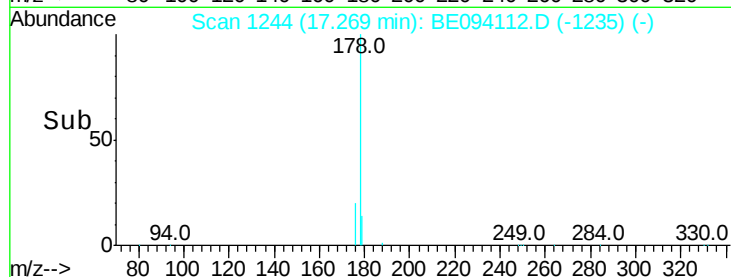
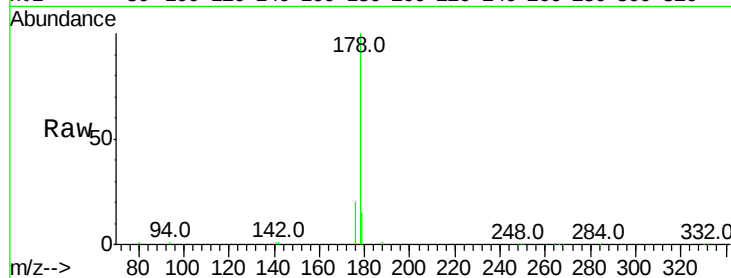
#23
Phenanthrene
Concen: 0.632 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Instrument :
BNA_E
ClientSampleId :
LT-TS-012MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.2	11.8	17.6

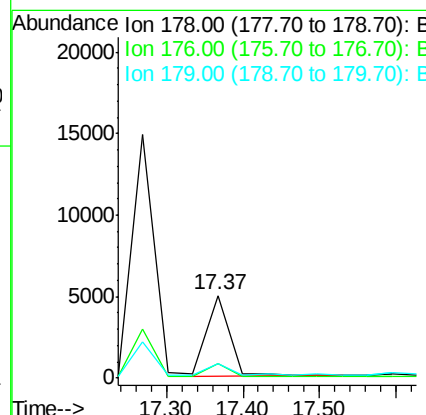
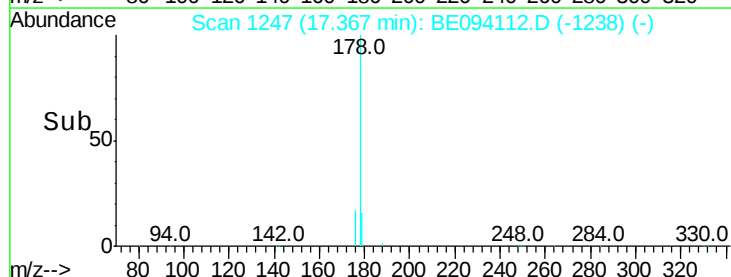
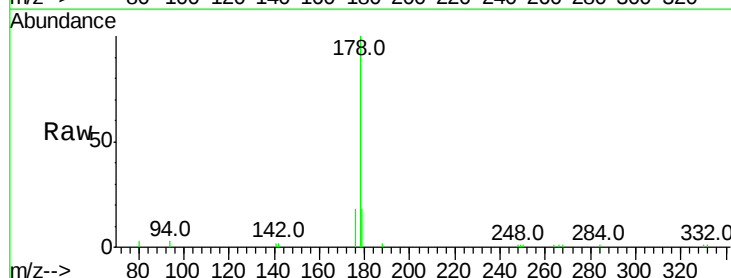
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#24
Anthracene
Concen: 0.208 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	15.9	12.8	19.2
179	18.9	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.128 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

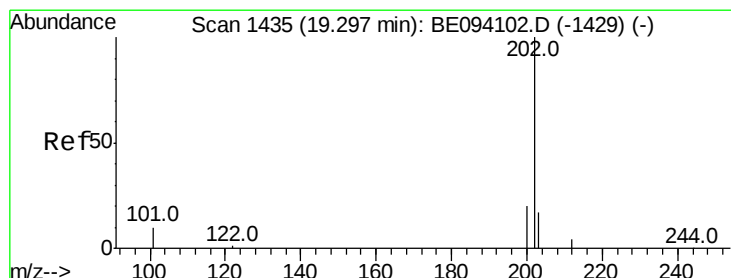
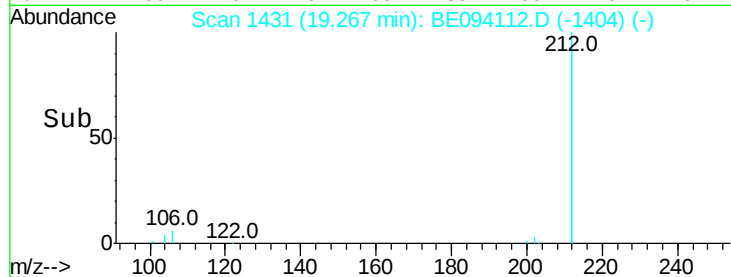
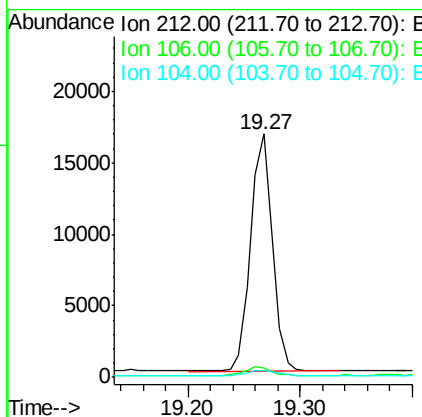
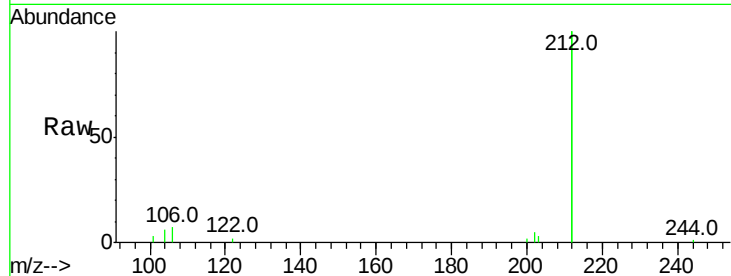
ClientSampleId :

LT-TS-012MS

Tot Ion:	212	Resp:	22892
Ion Ratio	Lower	Upper	
212	100		
106	3.7	2.8	4.2
104	3.3	1.6	2.4

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#26

Fluoranthene

Concen: 0.986 ng

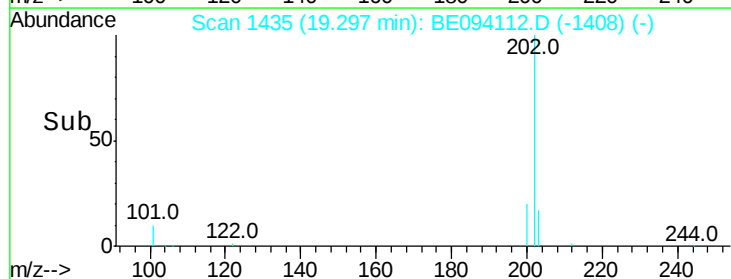
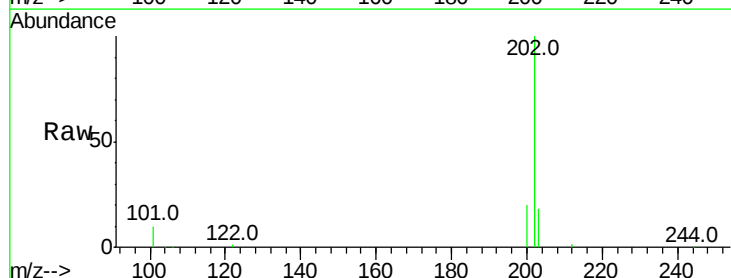
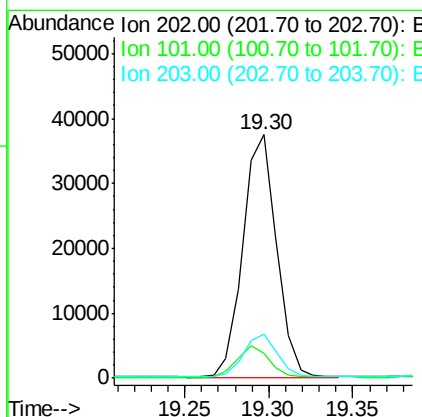
RT: 19.30 min Scan# 1435

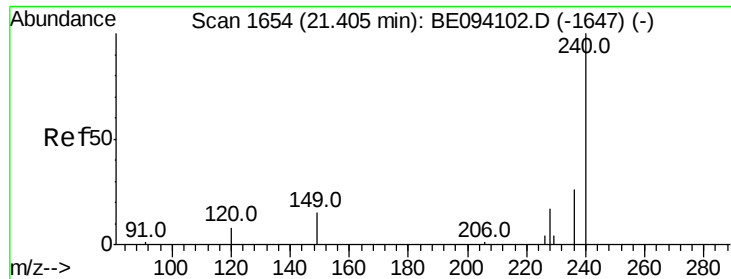
Delta R.T. -0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Tgt Ion:	202	Resp:	52170
Ion Ratio	Lower	Upper	
202	100		
101	12.6	9.8	14.8
203	17.4	13.7	20.5





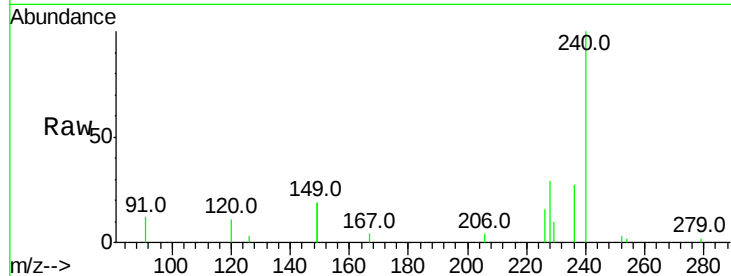
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Instrument :
BNA_E
ClientSampleId :
LT-TS-012MS

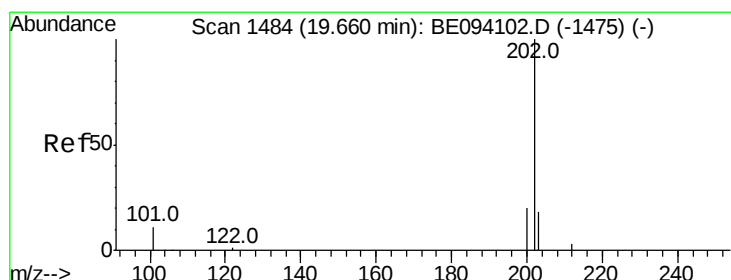
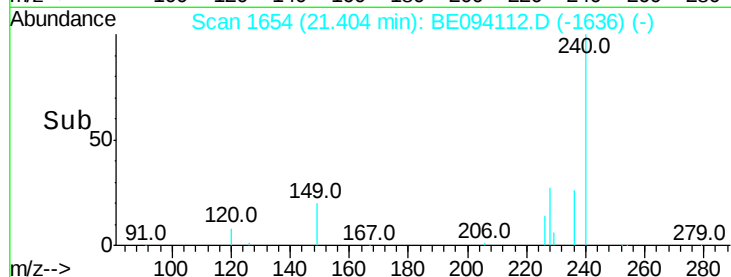
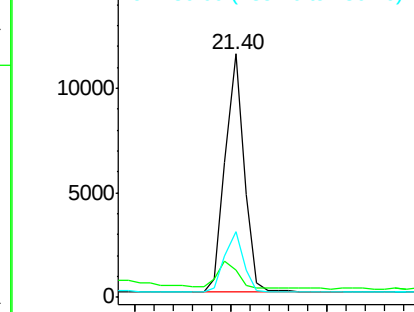
Tot Ion:240 Resp: 15838
Ion Ratio Lower Upper
240 100
120 11.3 5.5 8.3#
236 27.1 20.7 31.1

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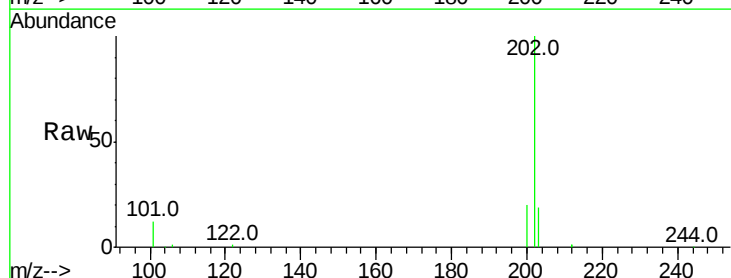


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

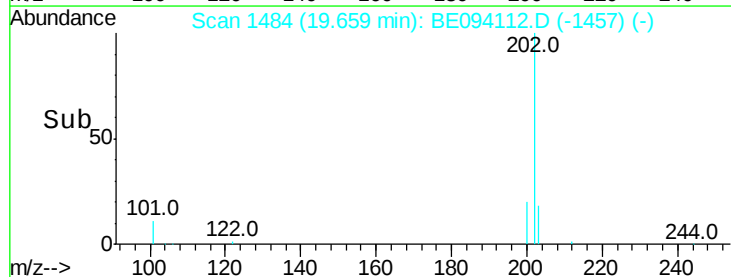
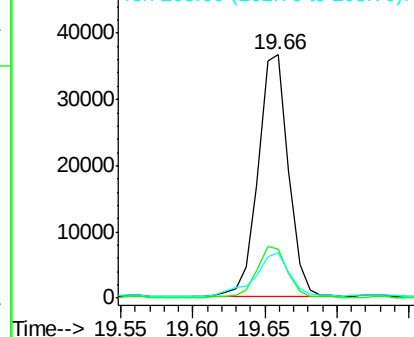


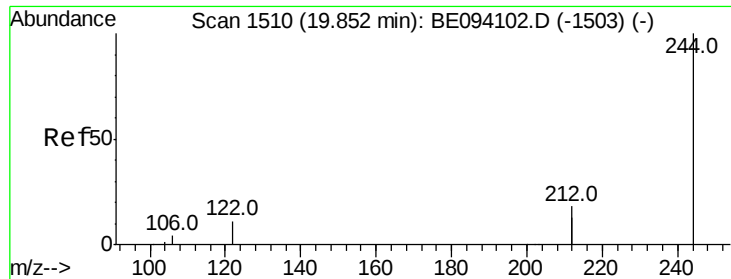
#28
Pyrene
Concen: 1.069 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Tgt Ion:202 Resp: 53667
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 20.9 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





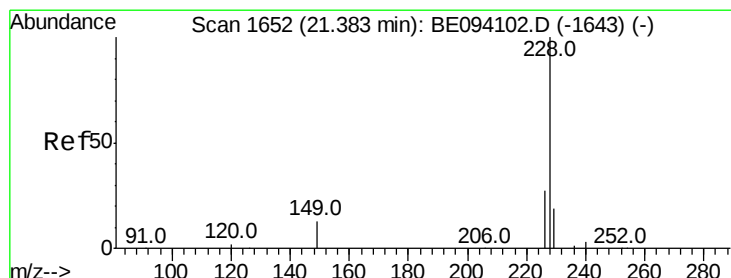
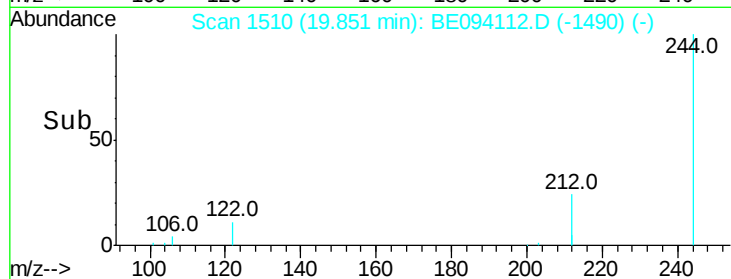
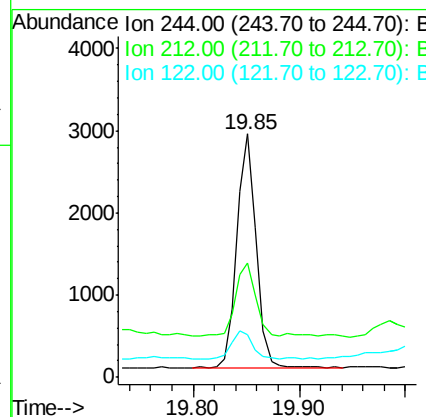
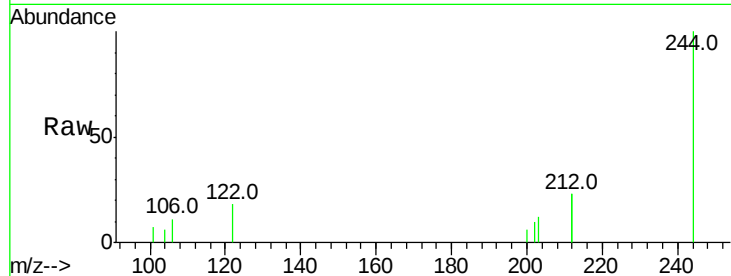
#29
 Terphenyl-d14
 Concen: 0.126 ng
 RT: 19.85 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BE094112.D
 Acq: 25 Sep 2017 21:08

Instrument :
 BNA_E
 ClientSampleId :
 LT-TS-012MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	46.9	25.4	38.0
122	17.7	8.1	12.1

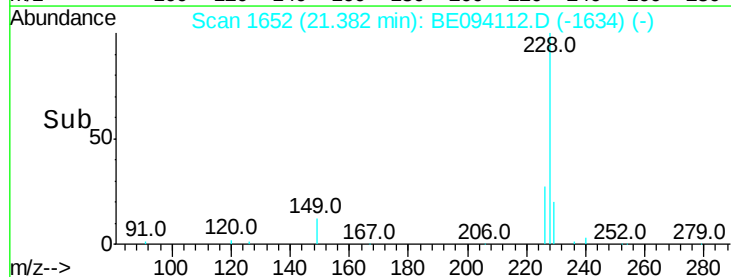
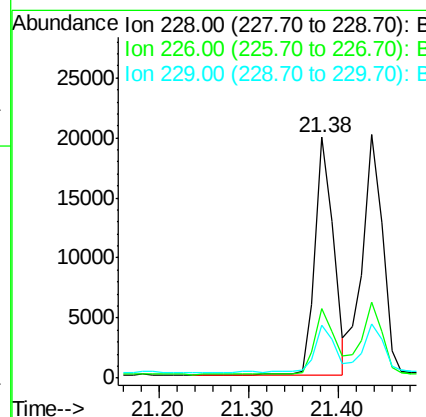
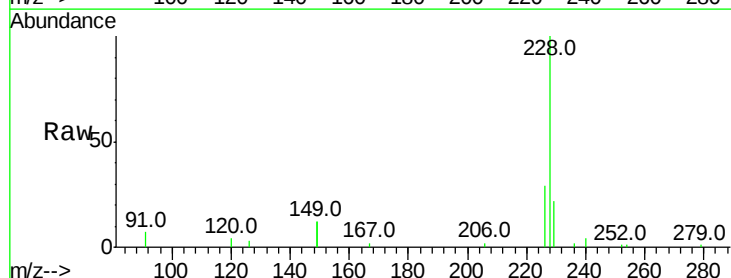
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#30
 Benzo(a)anthracene
 Concen: 0.527 ng
 RT: 21.38 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BE094112.D
 Acq: 25 Sep 2017 21:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.4	32.0
229	22.0	16.4	24.6





#31

Chrysene

Concen: 0.609 ng

RT: 21.44 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

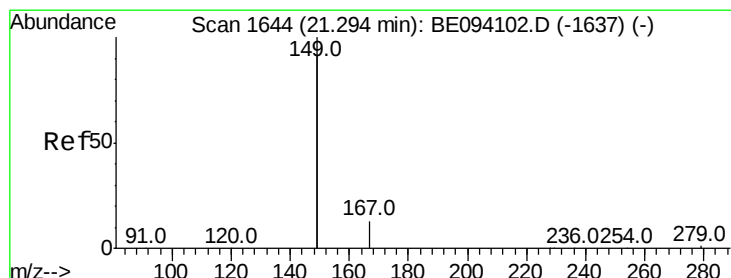
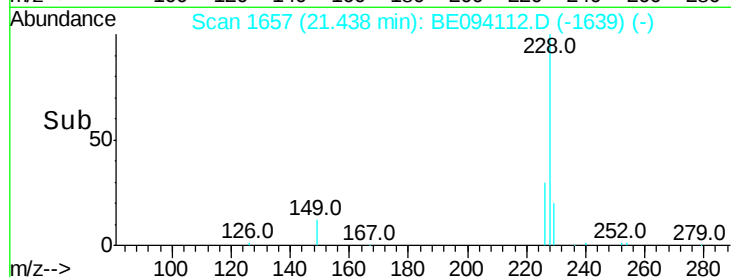
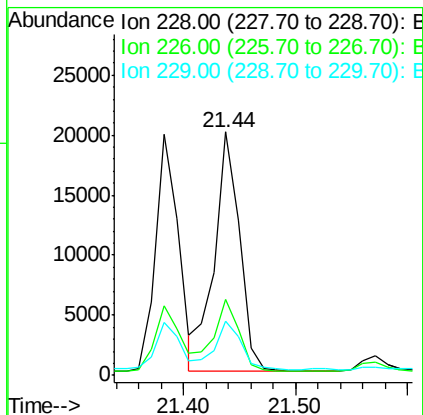
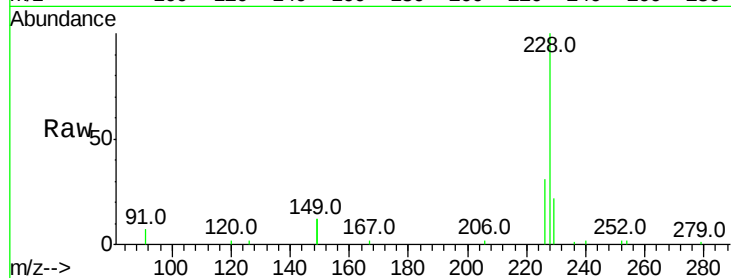
ClientSampled :

LT-TS-012MS

Tot Ion:	228	Resp:	31366
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.6	35.4
229	22.1	16.4	24.6

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#32

Bis(2-ethylhexyl)phthalate

Concen: 1.082 ng

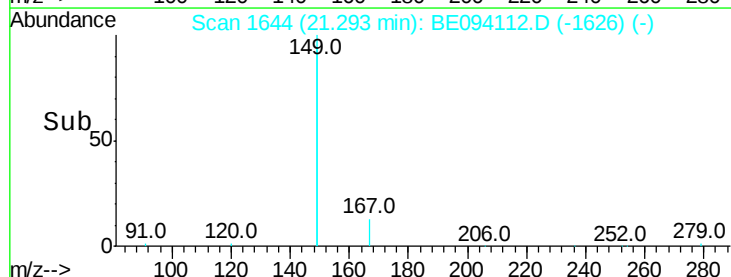
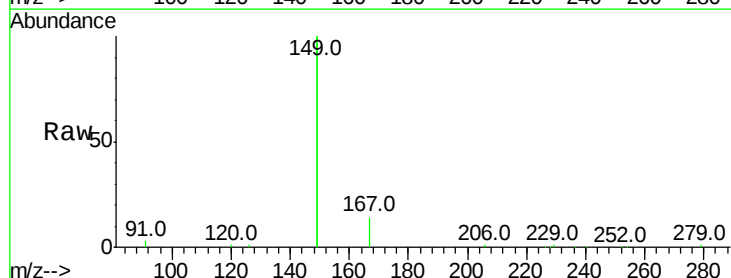
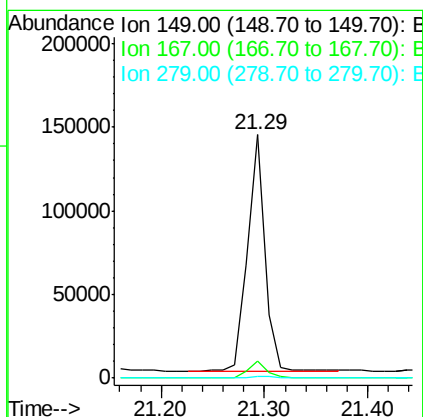
RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Tgt Ion:	149	Resp:	165736
Ion Ratio	Lower	Upper	
149	100		
167	7.0	5.4	8.0
279	0.9	0.7	1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.01 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

ClientSampleId :

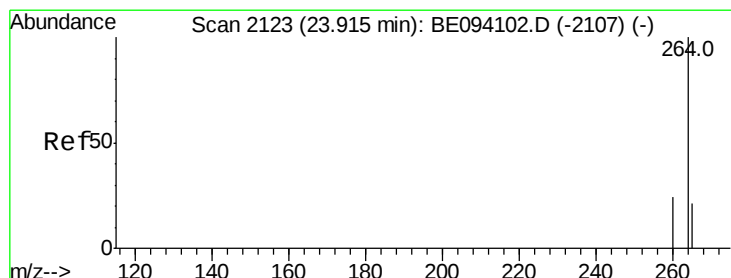
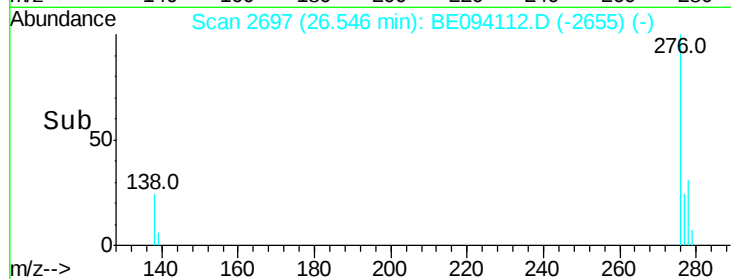
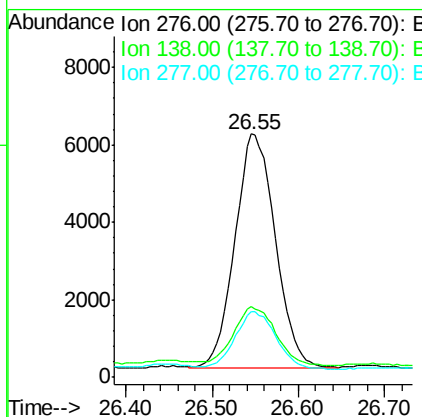
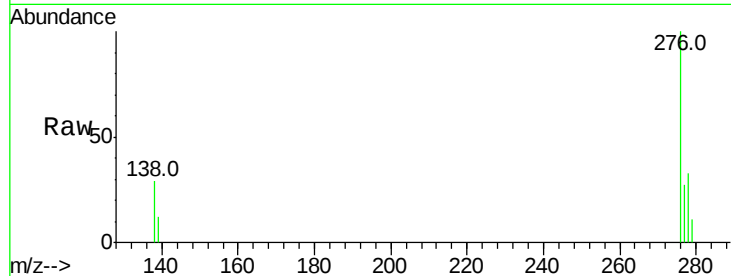
LT-TS-012MS

Tot Ion:	276	Resp:	19598
Ion Ratio	Lower	Upper	
276	100		
138	26.0	22.5	33.7
277	25.0	19.9	29.9

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#34

Perylene-d12

Concen: 0.400 ng

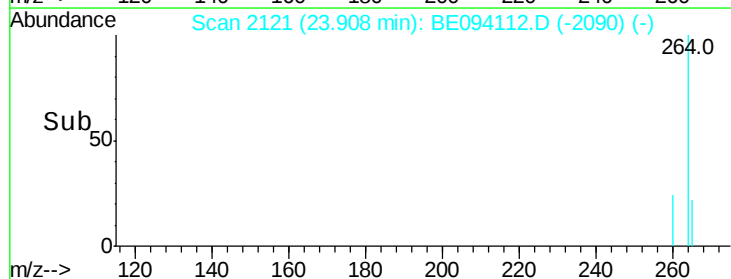
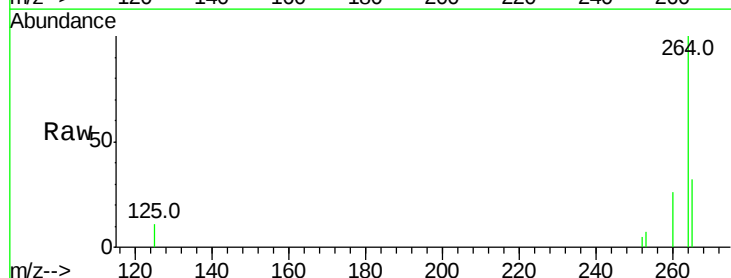
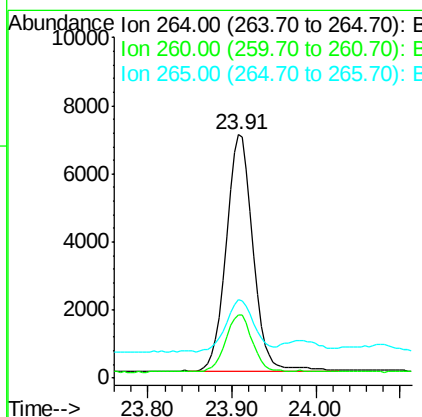
RT: 23.91 min Scan# 2121

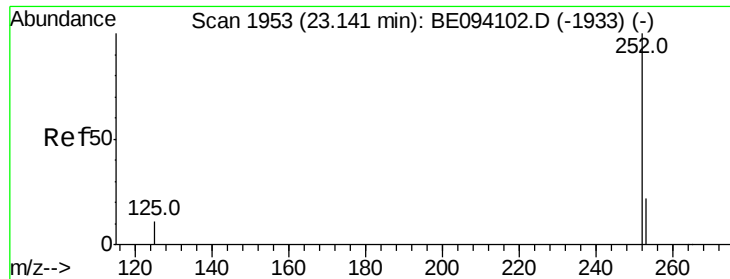
Delta R.T. -0.01 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Tgt Ion:	264	Resp:	15379
Ion Ratio	Lower	Upper	
264	100		
260	26.2	20.5	30.7
265	32.0	22.8	34.2





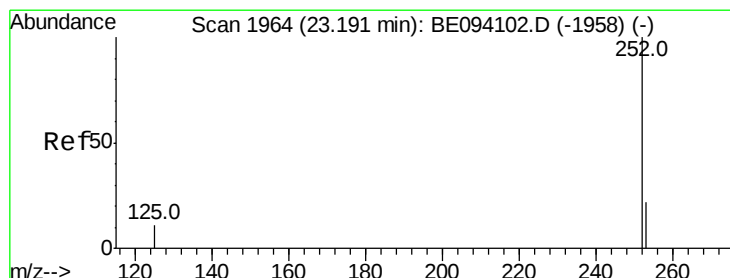
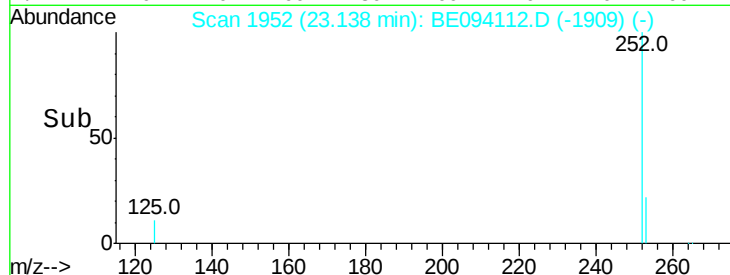
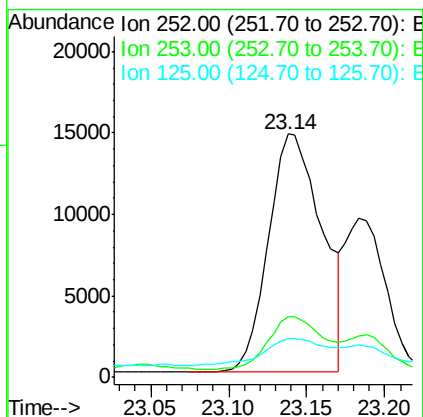
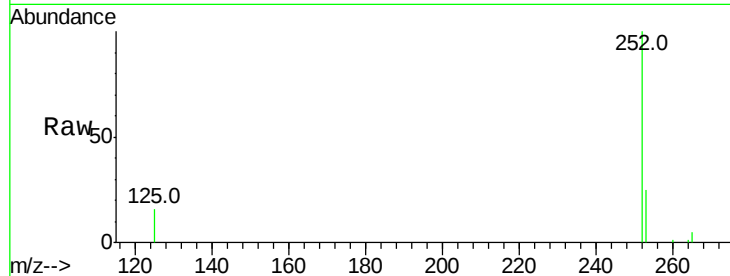
#35
Benzo(b)fluoranthene
Concen: 0.627 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Instrument :
BNA_E
ClientSampleId :
LT-TS-012MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	16.0	10.1	15.1#

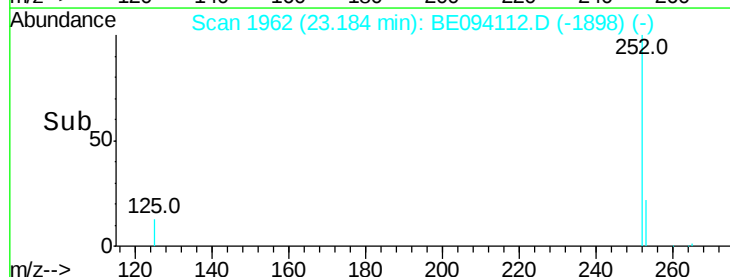
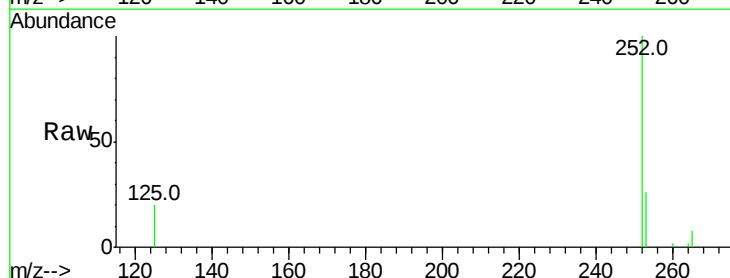
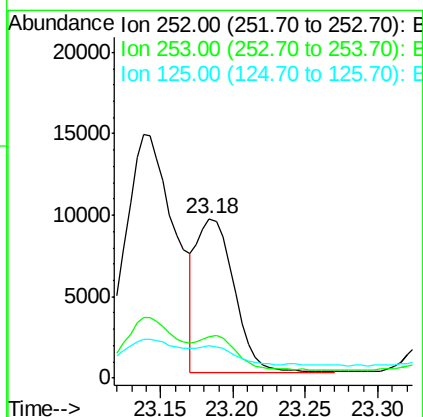
Manual Integrations
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#36
Benzo(k)fluoranthene
Concen: 0.323 ng m
RT: 23.18 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BE094112.D
Acq: 25 Sep 2017 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.6	27.8
125	20.3	10.7	16.1#





#37

Benzo(a)pyrene

Concen: 0.523 ng

RT: 23.79 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

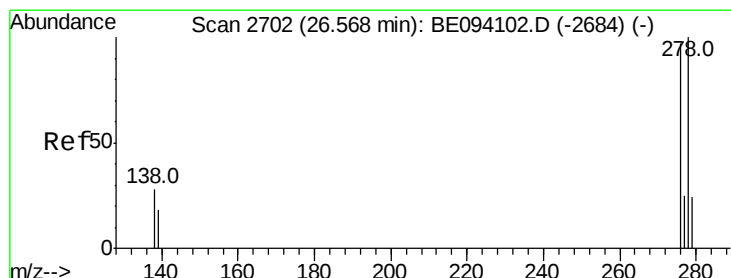
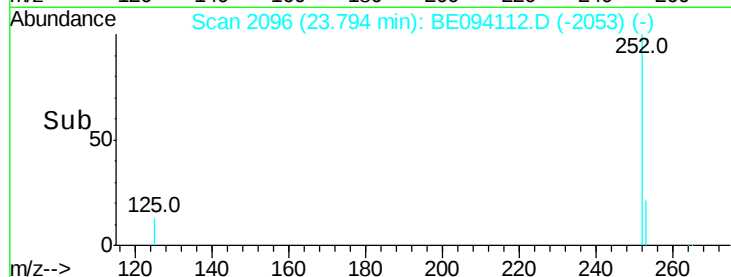
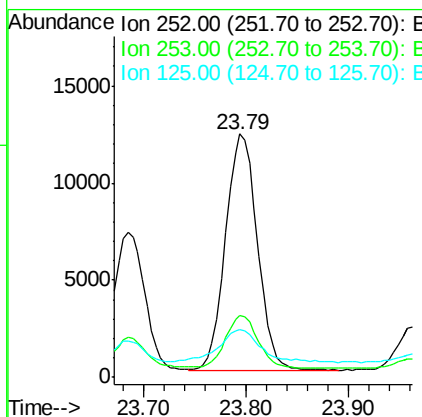
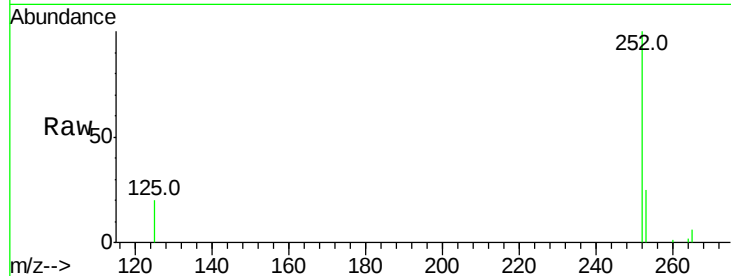
ClientSampleId :

LT-TS-012MS

Tot Ion:	252	Resp:	26221
Ion Ratio	Lower	Upper	
252	100		
253	25.2	19.0	28.6
125	19.8	11.8	17.8

Manual Integrations
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#38

Dibenzo(a,h)anthracene

Concen: 0.174 ng

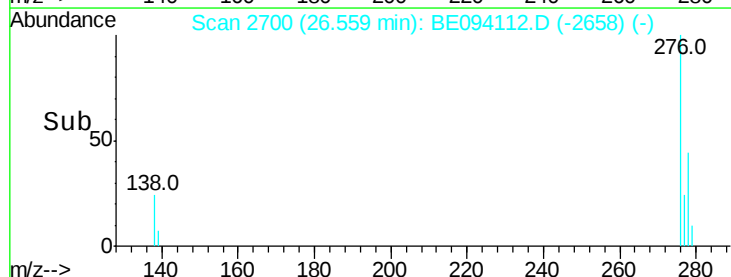
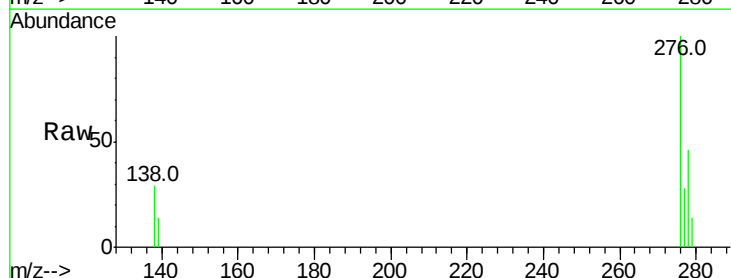
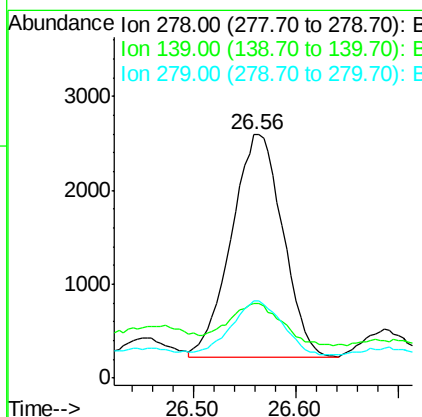
RT: 26.56 min Scan# 2700

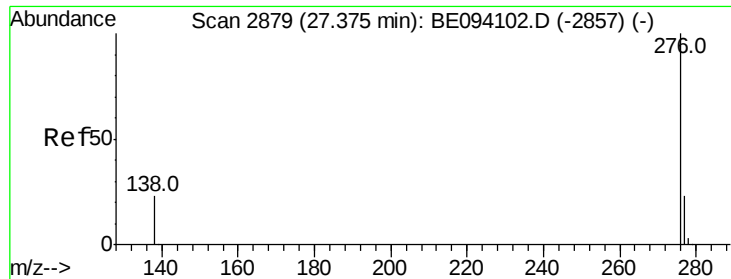
Delta R.T. -0.01 min

Lab File: BE094112.D

Acq: 25 Sep 2017 21:08

Tgt Ion:	278	Resp:	8279
Ion Ratio	Lower	Upper	
278	100		
139	30.7	16.3	24.5
279	31.6	19.9	29.9





#39

Benzo(a,h,i)perylene

Concen: 0.400 ng

RT: 27.37 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BE094112.D

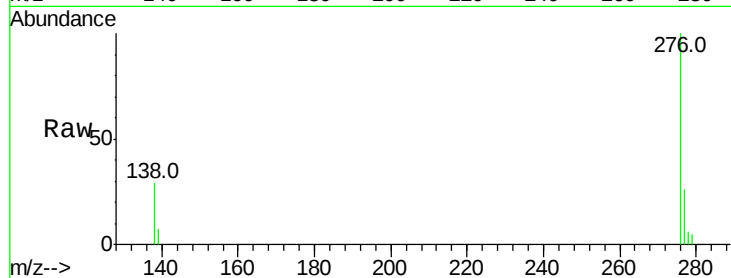
Acq: 25 Sep 2017 21:08

Instrument :

BNA_E

ClientSampleId :

LT-TS-012MS



Tot Ion:	276	Resp:	18810
Ion Ratio	Lower	Upper	
276	100		
277	26.4	20.8	31.2
138	29.4	21.5	32.3

Manual Integrations
APPROVED

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