

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
 Data File : BE094952.D
 Acq On : 8 Dec 2017 17:12
 Operator : SJ/JU
 Sample : PB104842BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB104842BSD

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:18:00 PM

Quant Time: Dec 09 01:21:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	8478	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	17910	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8795	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	19696	0.40	ng	0.00
27) Chrysene-d12	21.89	240	19257m	0.40	ng	0.00
34) Perylene-d12	24.56	264	16607	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	4559	0.34	ng	0.00
5) Phenol-d6	7.59	99	6393	0.32	ng	0.00
8) Nitrobenzene-d5	9.66	82	5239	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9931	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	573	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	15029	0.40	ng	0.00
25) Fluoranthene-d10	19.76	212	85282	0.32	ng	0.00
29) Terphenyl-d14	20.33	244	16196	0.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.68	88	3204	0.361	ng	# 69
3) n-Nitrosodimethylamine	4.02	42	4124	0.365	ng	# 83
6) bis(2-Chloroethyl)ether	7.87	93	7222	0.366	ng	97
9) Naphthalene	11.38	128	81211	0.387	ng	99
10) Hexachlorobutadiene	11.64	225	3616	0.408	ng	98
12) 2-Methylnaphthalene	12.94	142	13294m	0.255	ng	
16) Acenaphthylene	14.80	152	17385	0.350	ng	99
17) Acenaphthene	15.14	154	11754	0.366	ng	96
18) Fluorene	16.10	166	14902	0.365	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	4529	0.412	ng	# 78
21) Hexachlorobenzene	17.09	284	4404	0.411	ng	# 81
22) Pentachlorophenol	17.43	266	1648	0.598	ng	# 71
23) Phenanthrene	17.82	178	24192	0.385	ng	98
24) Anthracene	17.91	178	21478m	0.323	ng	
26) Fluoranthene	19.79	202	28206	0.350	ng	99
28) Pyrene	20.14	202	28201	0.424	ng	99
30) Benzo(a)anthracene	21.85	228	25502	0.432	ng	# 63
31) Chrysene	21.92	228	26598m	0.408	ng	
32) Bis(2-ethylhexyl)phthalate	21.75	149	30854	0.315	ng	100
33) Indeno(1,2,3-cd)pyrene	27.43	276	25508	0.478	ng	99
35) Benzo(b)fluoranthene	23.73	252	25145	0.415	ng	# 40
36) Benzo(k)fluoranthene	23.78	252	24500	0.396	ng	# 40
37) Benzo(a)pyrene	24.44	252	22927	0.431	ng	# 34
38) Dibenzo(a,h)anthracene	27.46	278	21347	0.435	ng	# 44
39) Benzo(g,h,i)perylene	28.32	276	22155	0.452	ng	# 53

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

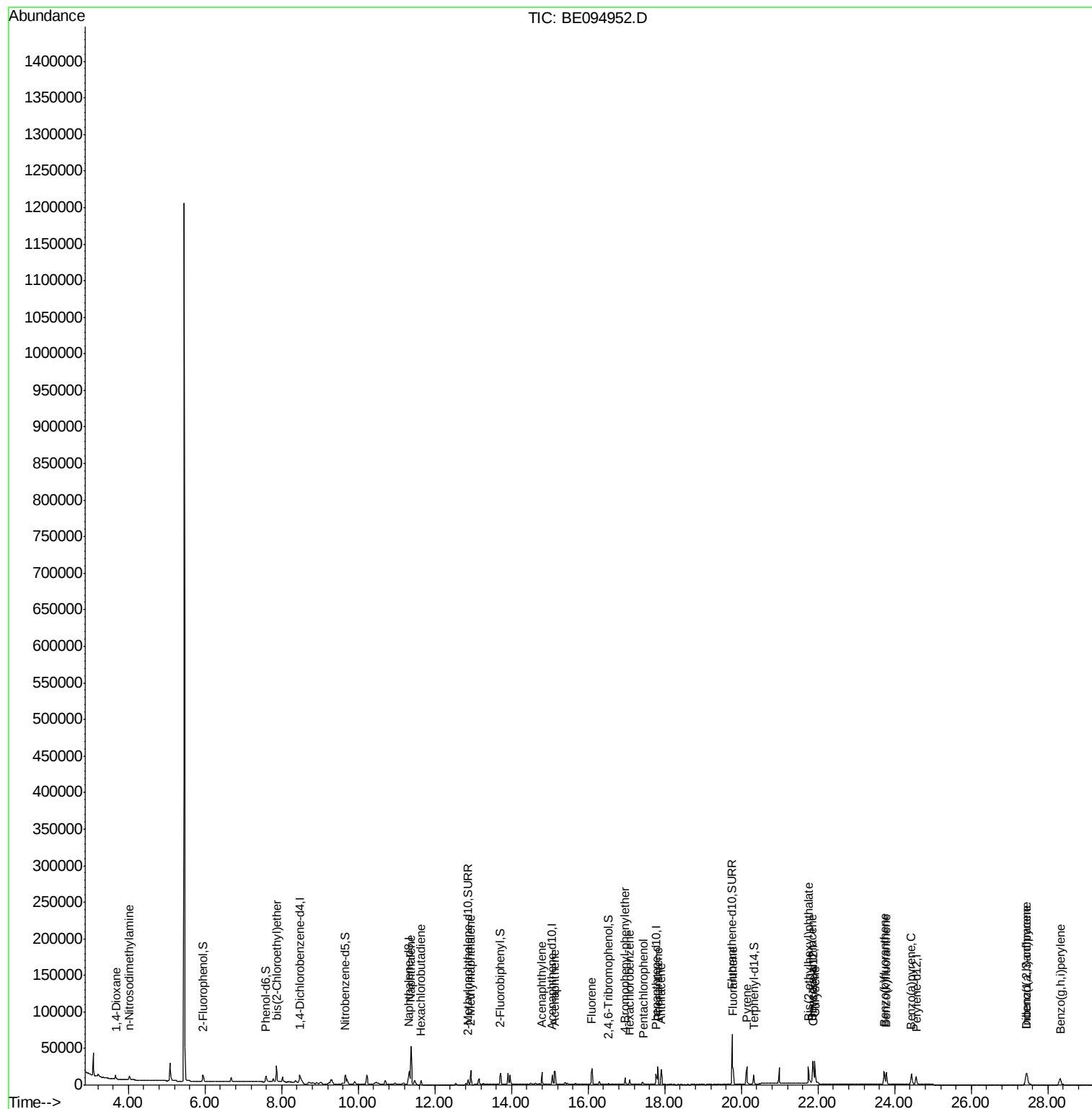
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094952.D
Acq On : 8 Dec 2017 17:12
Operator : SJ/JU
Sample : PB104842BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

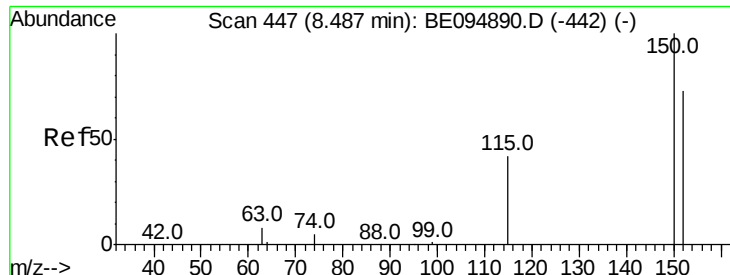
Instrument :
BNA_E
ClientSampleId :
PB104842BSD

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12/11/2017 6:18:00 PM

Quant Time: Dec 09 01:21:13 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. -0.01 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

ClientSampleId :

PB104842BSD

Tot Ion:152 Resp: 8478

Ion Ratio Lower Upper

152 100

150 149.7 117.2 175.8

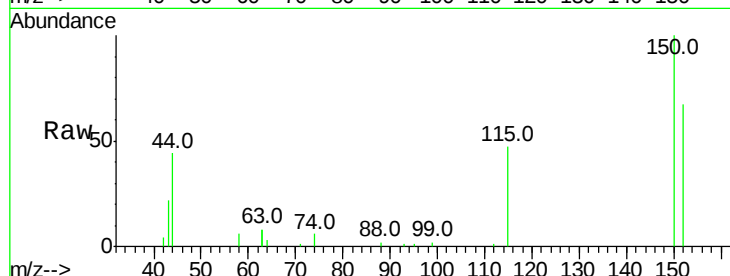
115 70.9 57.0 85.6

Manual Integrations

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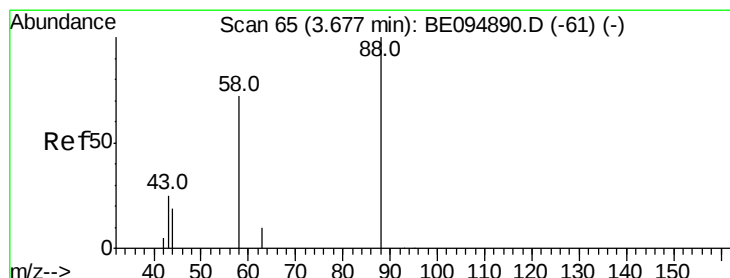
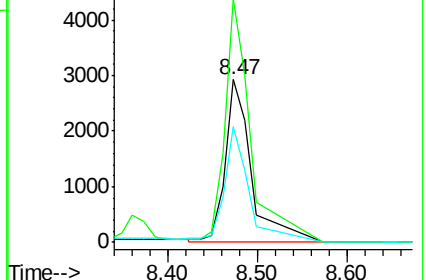
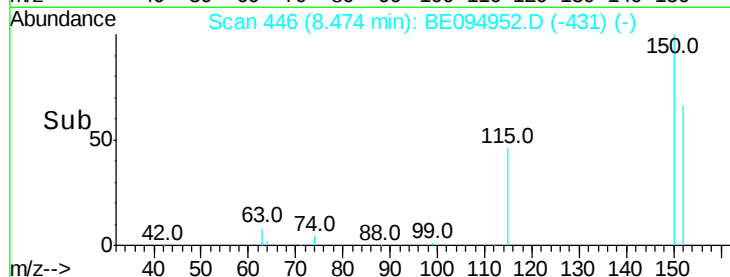
12/11/2017 6:18:00 PM



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: 0.361 ng

RT: 3.68 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

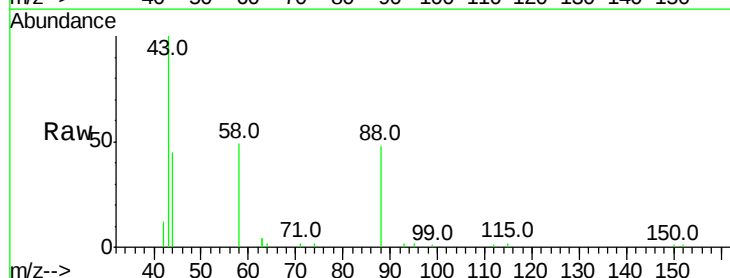
Tgt Ion: 88 Resp: 3204

Ion Ratio Lower Upper

88 100

58 109.0 63.2 94.8#

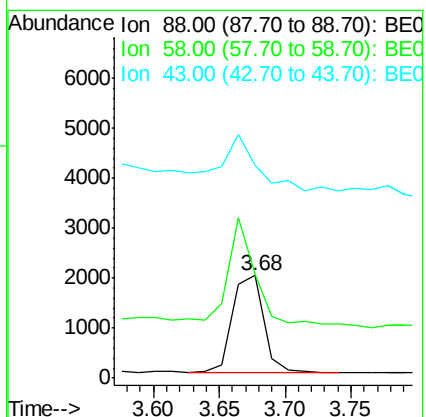
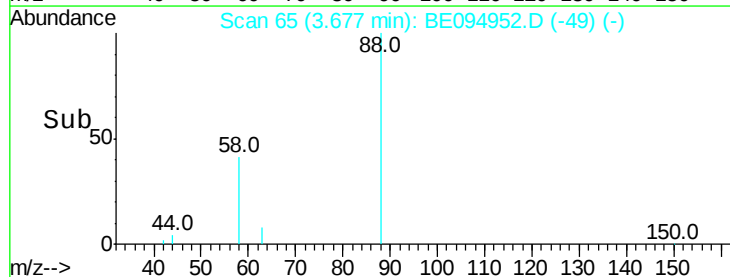
43 69.6 41.2 61.8#

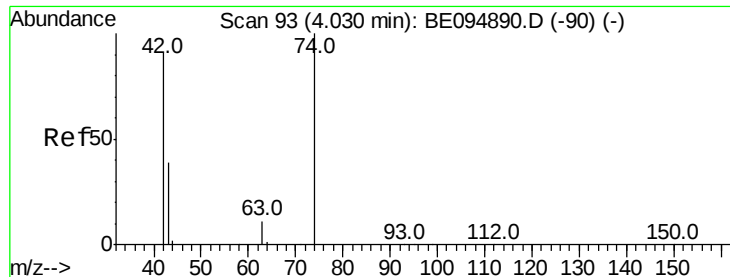


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

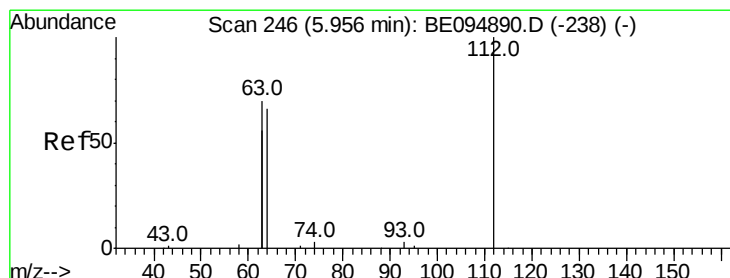
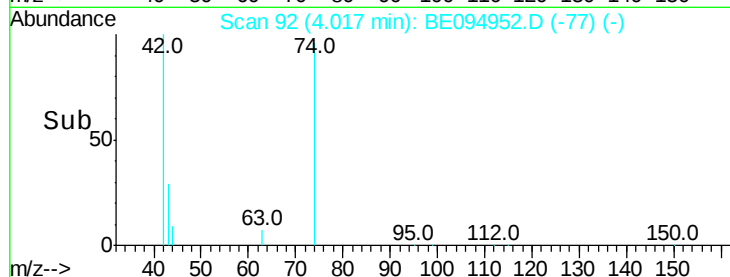
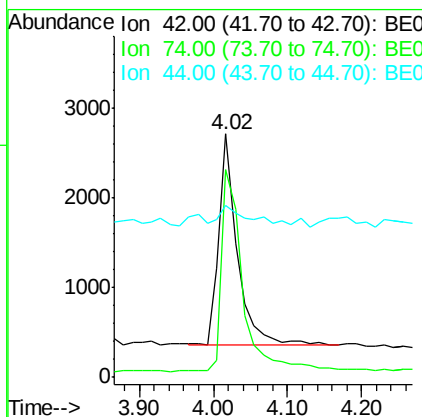
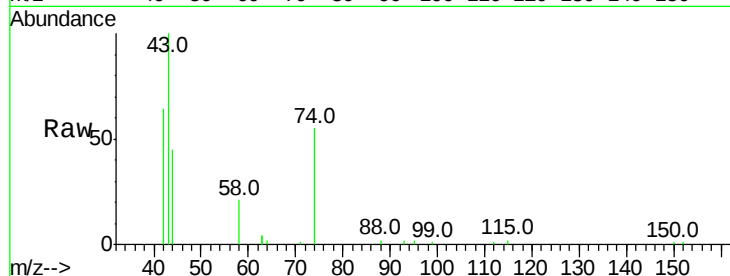
n-Nitrosodimethylamine
 Concen: 0.365 ng
 RT: 4.02 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BE094952.D
 Acq: 8 Dec 2017 17:12

Instrument :
 BNA_E
 ClientSampleId :
 PB104842BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	107.0	100.3	150.5
44	11.2	17.0	25.4#

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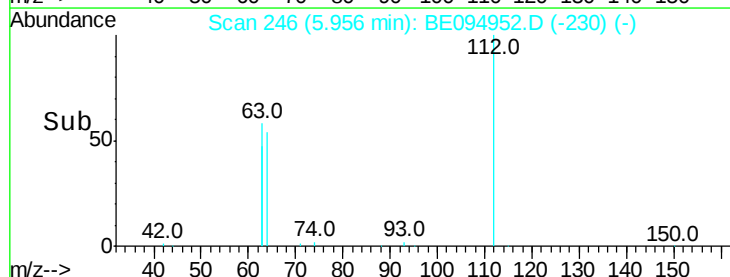
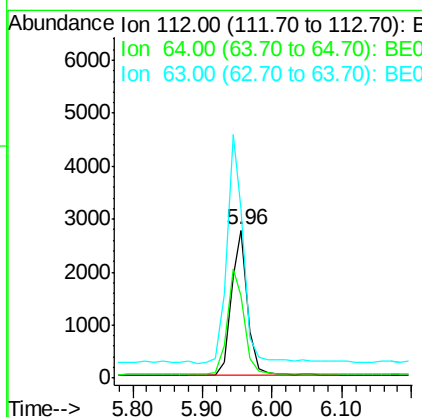
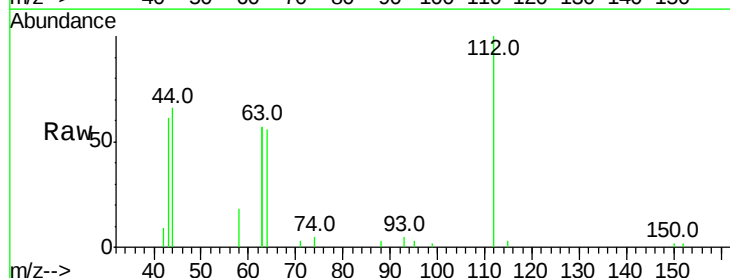
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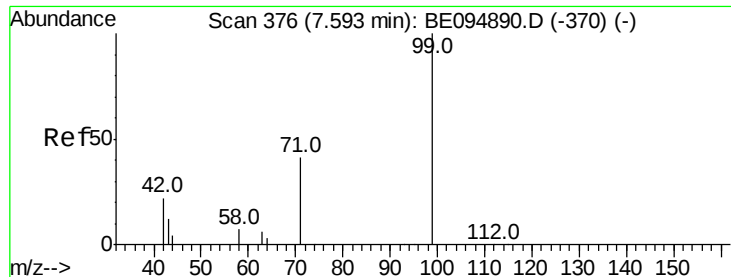


#4

2-Fluorophenol
 Concen: 0.340 ng
 RT: 5.96 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: BE094952.D
 Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.5	60.1	90.1
63	159.1	116.8	175.2





#5

Phenol-d6

Concen: 0.322 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

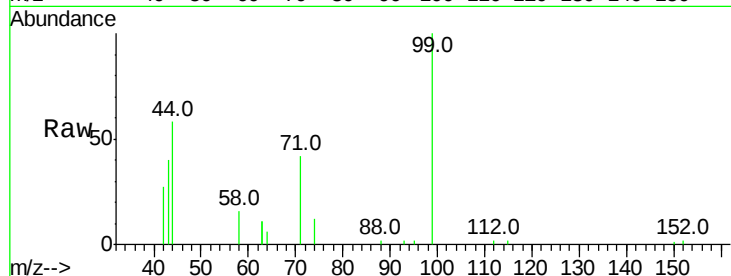
ClientSampleId :

PB104842BSD

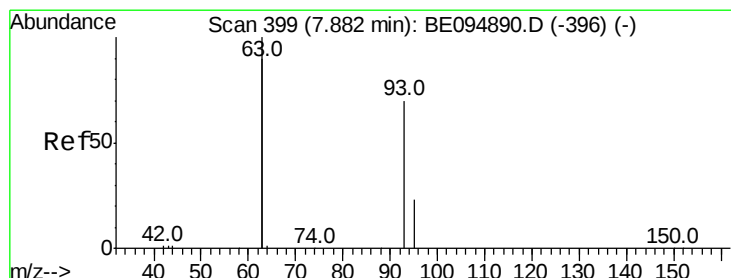
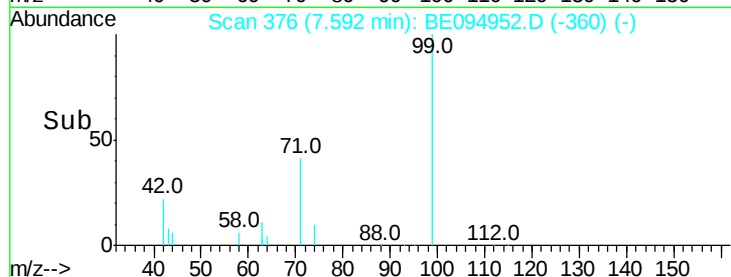
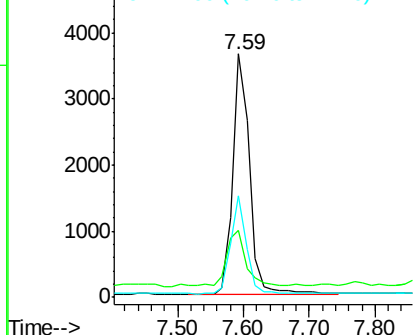
Tot Ion:	99	Resp:	6393
Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.2	30.2
71	37.9	28.4	42.6

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

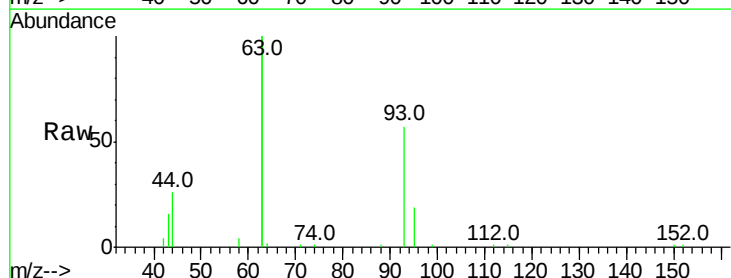
RT: 7.87 min Scan# 398

Delta R.T. -0.01 min

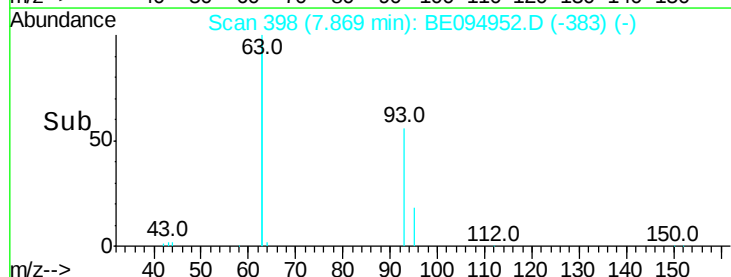
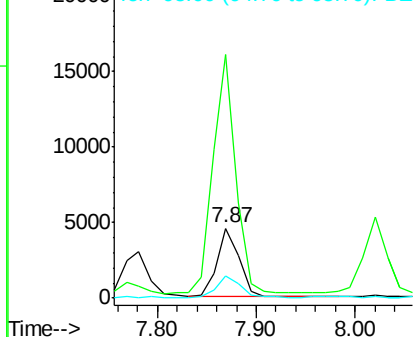
Lab File: BE094952.D

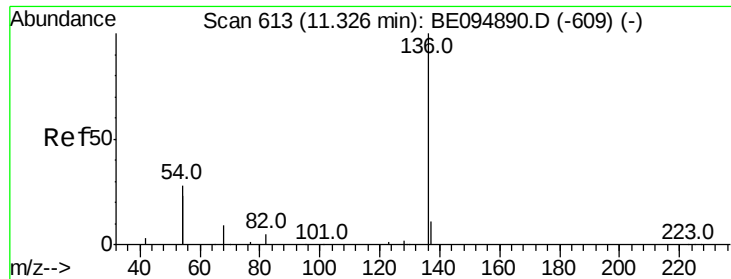
Acq: 8 Dec 2017 17:12

Tgt Ion:	93	Resp:	7222
Ion	Ratio	Lower	Upper
93	100		
63	351.7	275.3	412.9
95	31.5	25.2	37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

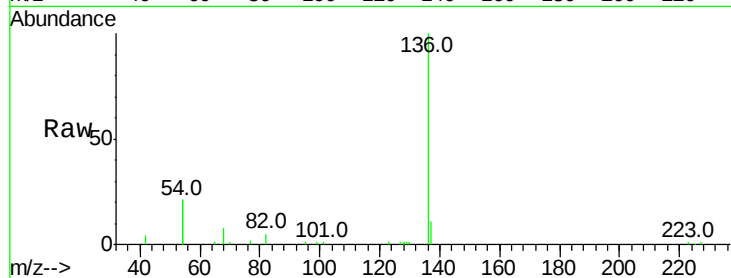
ClientSampleId :

PB104842BSD

Tot Ion:	136	Resp:	17910
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.5	14.3
54	41.1	29.1	43.7
68	8.0	6.2	9.2

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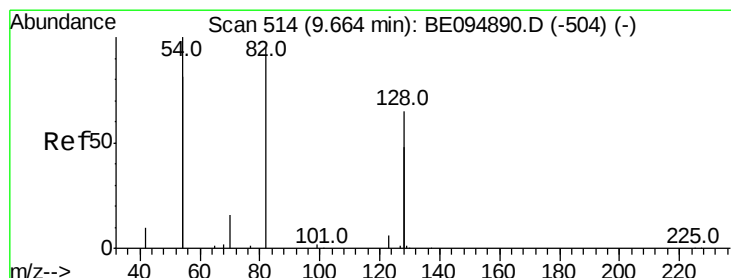
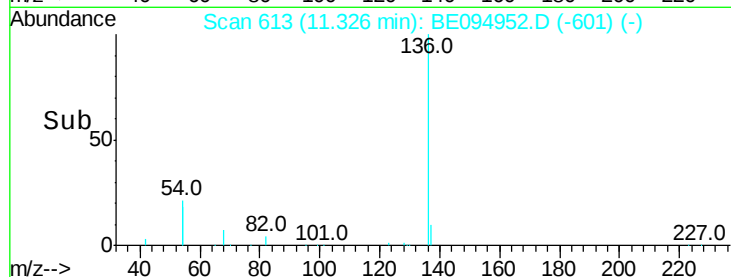
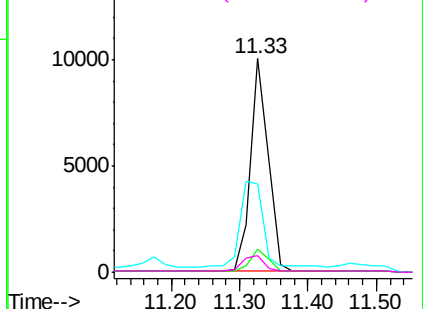


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.494 ng

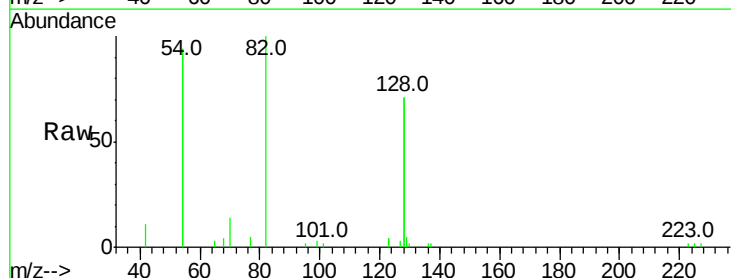
RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

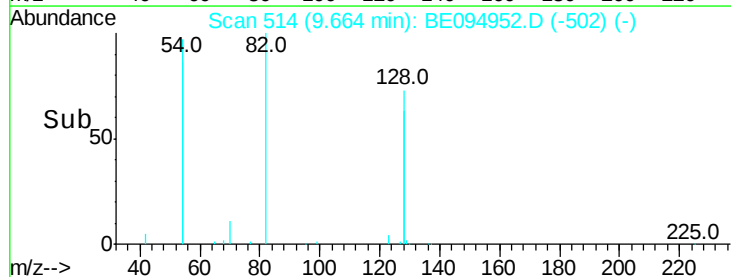
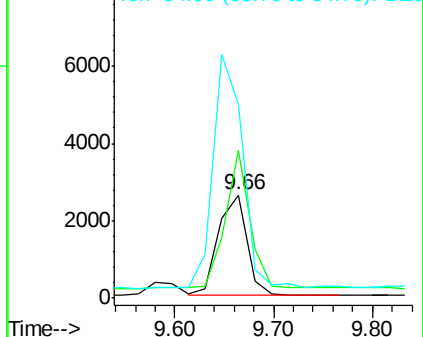
Tgt Ion:	82	Resp:	5239
Ion Ratio	Lower	Upper	
82	100		
128	142.7	150.0	225.0#
54	188.6	154.2	231.4

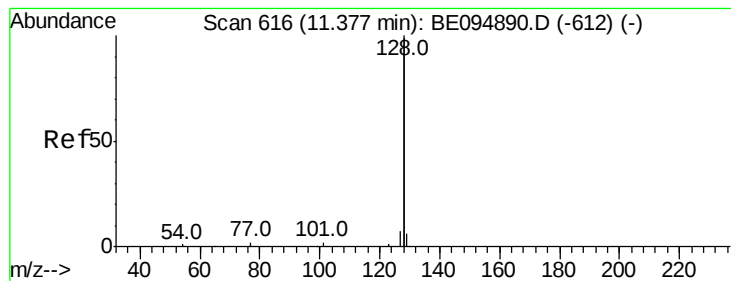


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.387 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

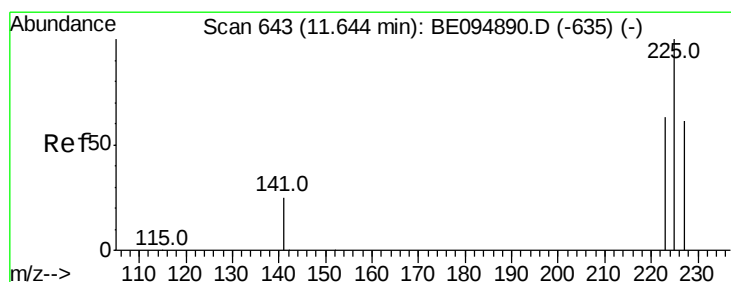
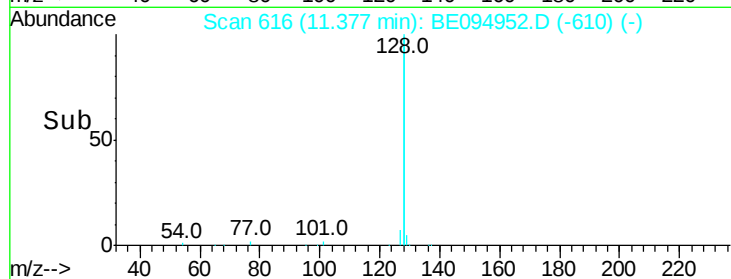
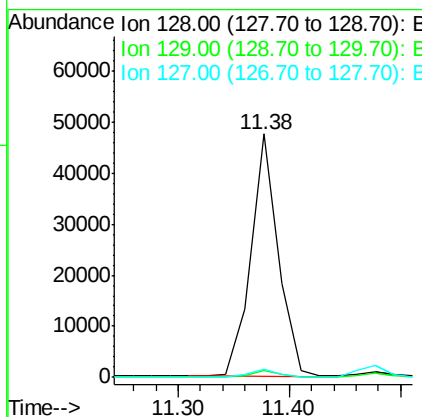
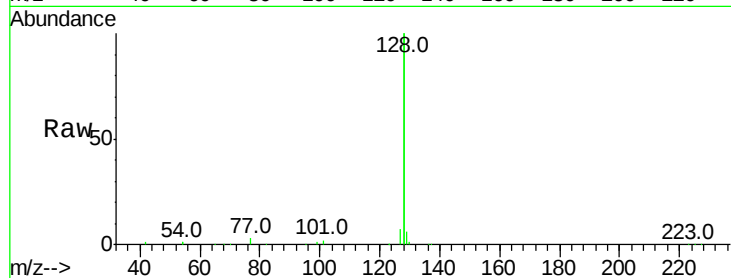
ClientSampleId :

PB104842BSD

Tot Ion:	128	Resp:	81211
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.6	3.8
127	3.4	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.408 ng

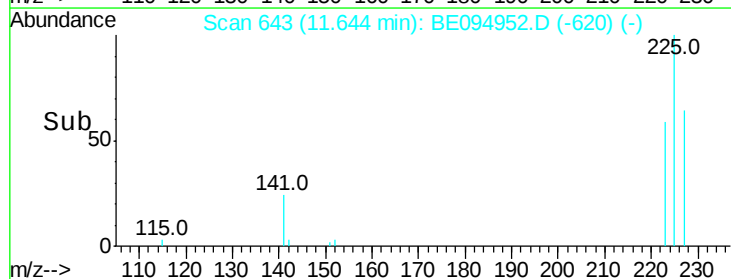
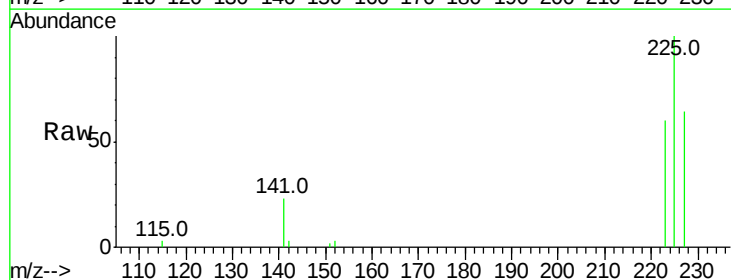
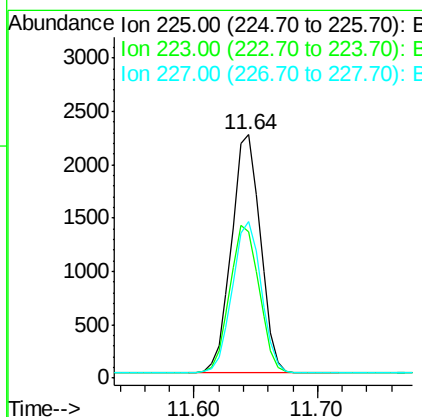
RT: 11.64 min Scan# 643

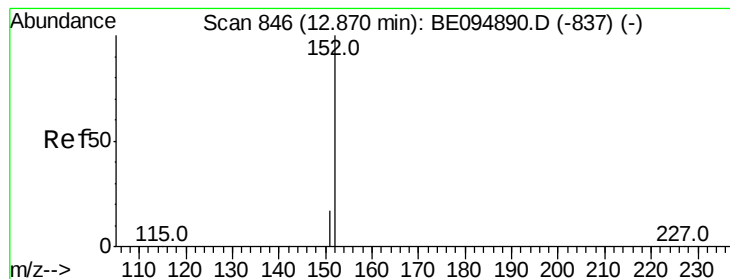
Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Tgt Ion:	225	Resp:	3616
Ion Ratio	Lower	Upper	
225	100		
223	62.8	53.0	79.6
227	64.4	51.4	77.2





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

ClientSampleId :

PB104842BSD

Tot Ion:152 Resp: 9931

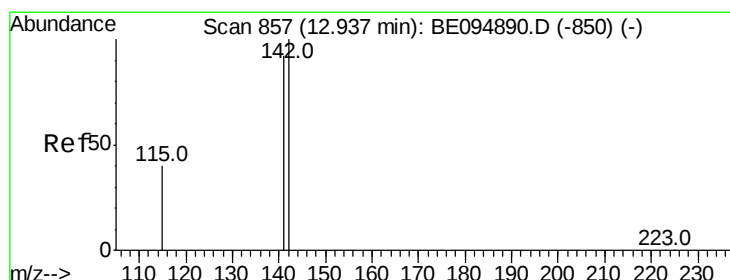
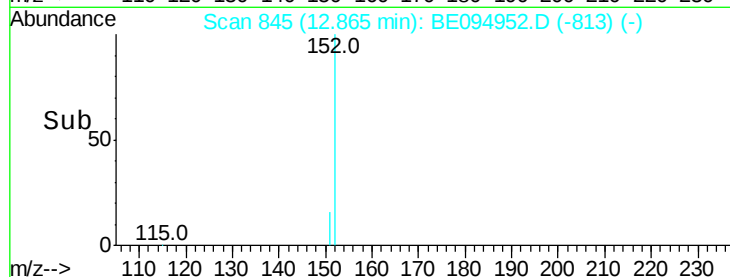
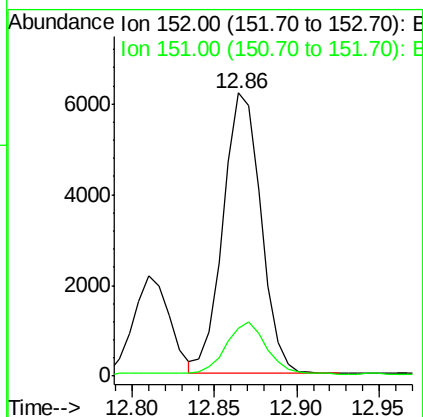
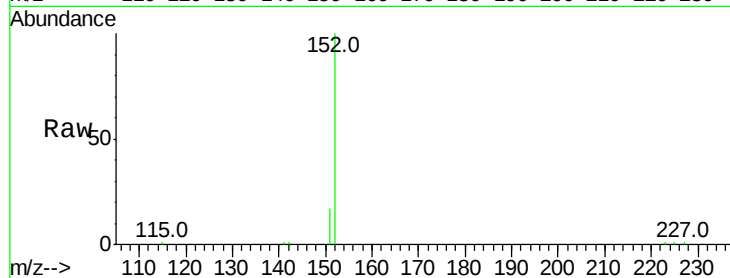
Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0

Manual Integrations
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#12

2-Methylnaphthalene

Concen: 0.255 ng m

RT: 12.94 min Scan# 857

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

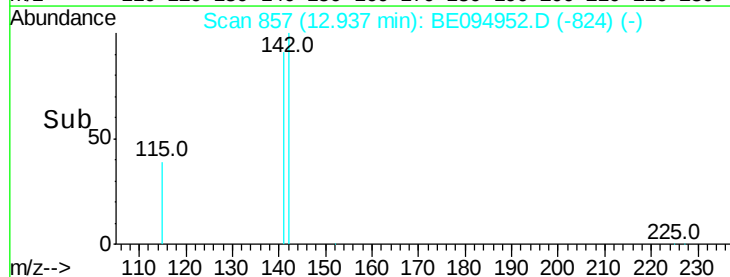
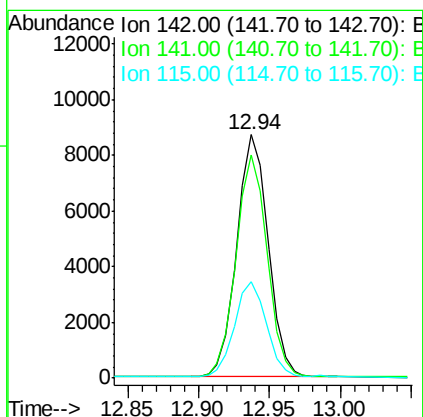
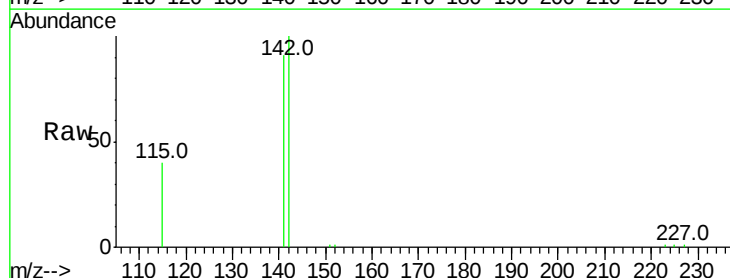
Tgt Ion:142 Resp: 13294

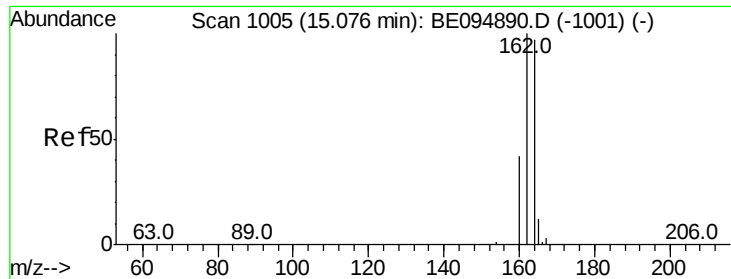
Ion Ratio Lower Upper

142 100

141 91.5 70.4 105.6

115 39.8 31.7 47.5





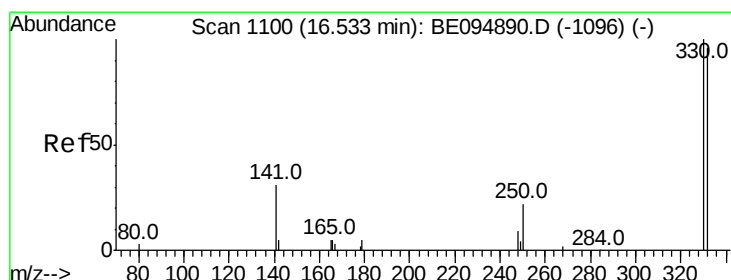
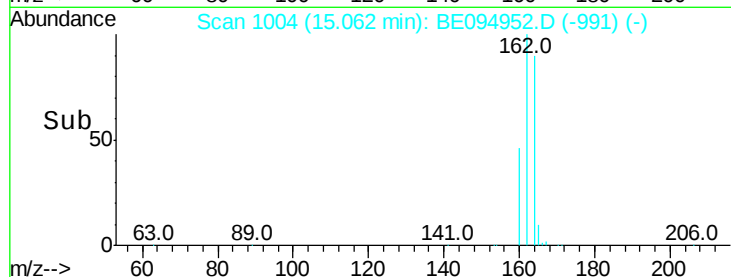
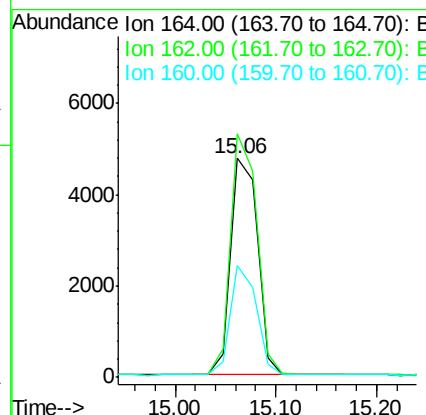
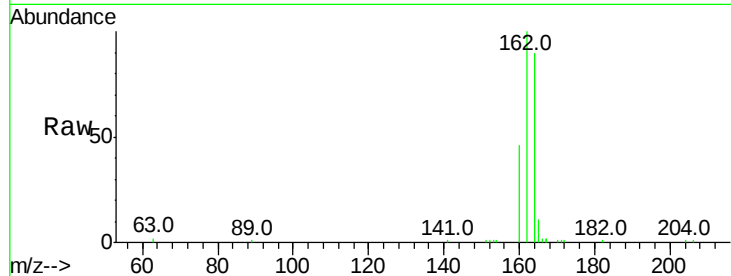
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BE094952.D
 Acq: 8 Dec 2017 17:12

Instrument :
 BNA_E
 ClientSampleId :
 PB104842BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	111.3	83.1	124.7
160	51.3	37.1	55.7

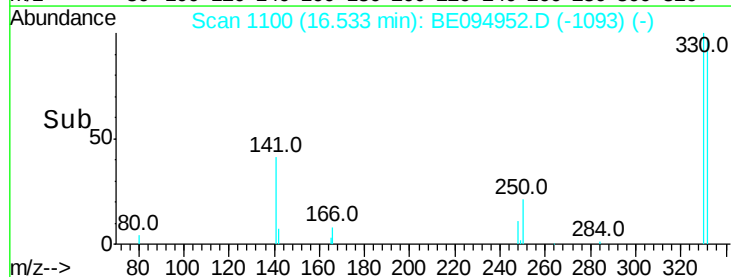
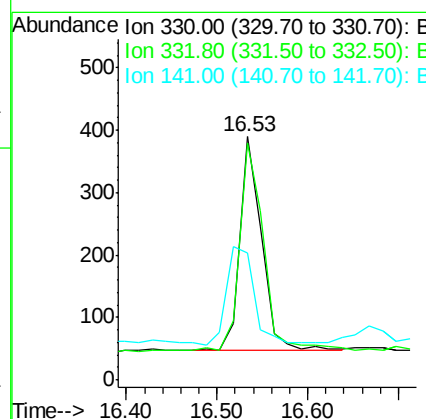
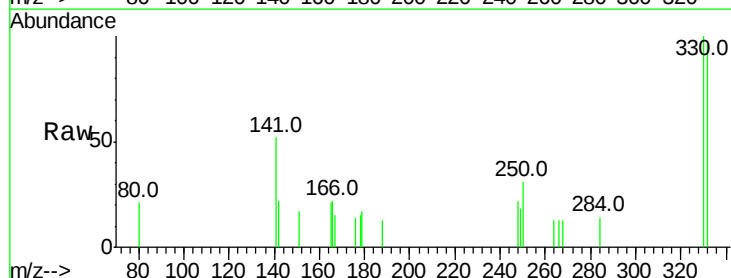
Manual Integrations
 APPROVED

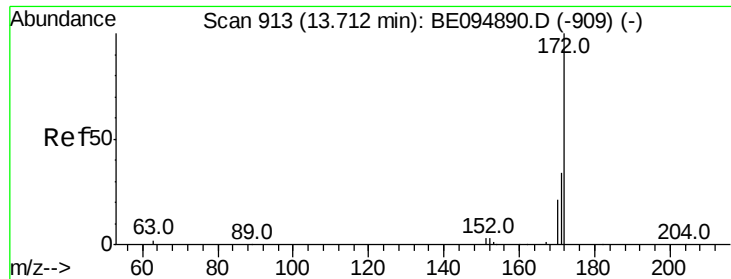
Sohil
 12/11/2017 6:18:00 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.347 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BE094952.D
 Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	106.5	152.7	229.1#
141	54.3	33.7	50.5#





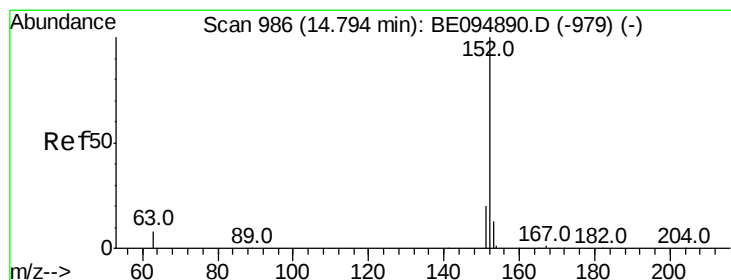
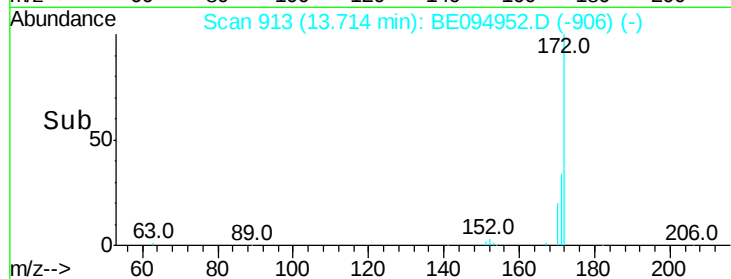
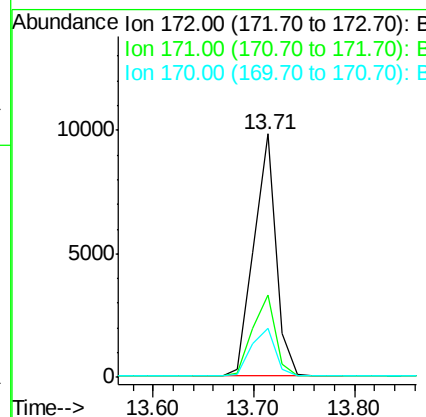
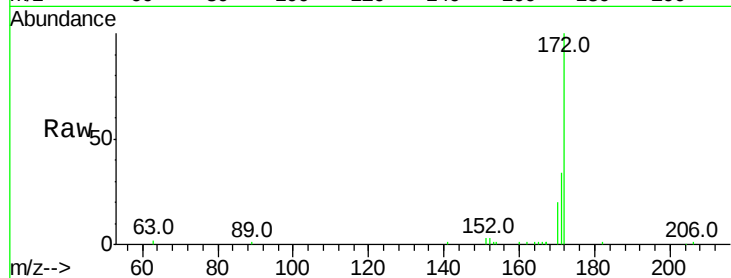
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	20.3	21.8	32.8

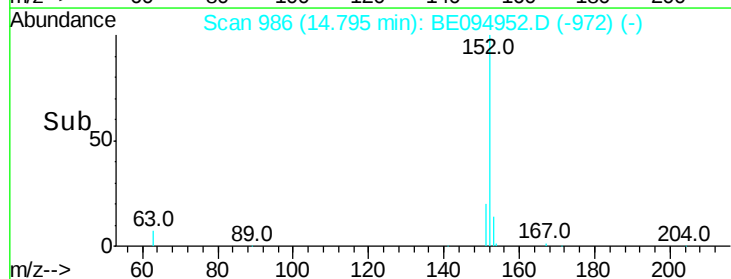
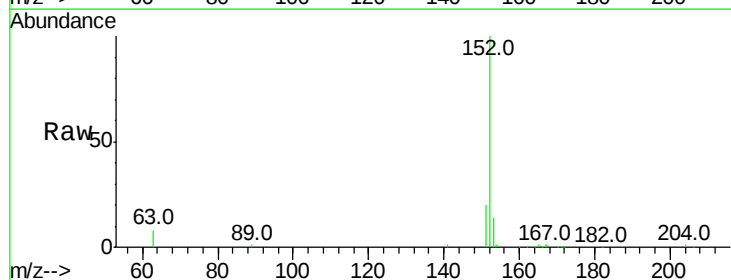
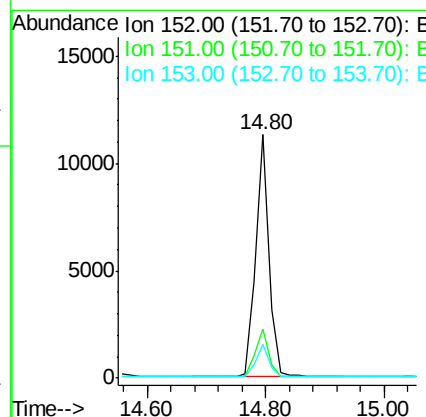
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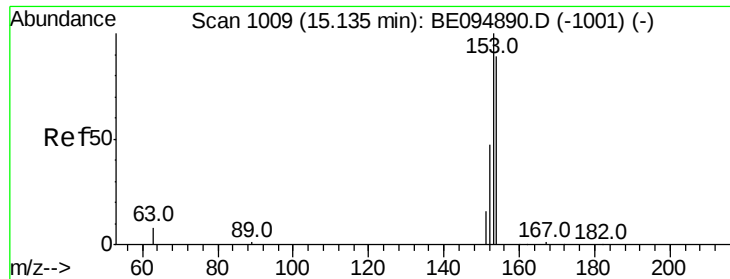
Sohil
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#16
Acenaphthylene
Concen: 0.350 ng
RT: 14.80 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.7	10.5	15.7





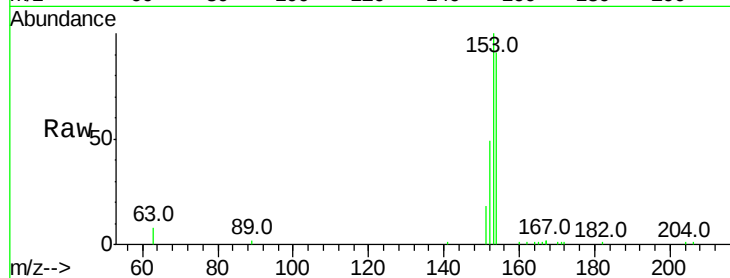
#17
Acenaphthene
Concen: 0.366 ng
RT: 15.14 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

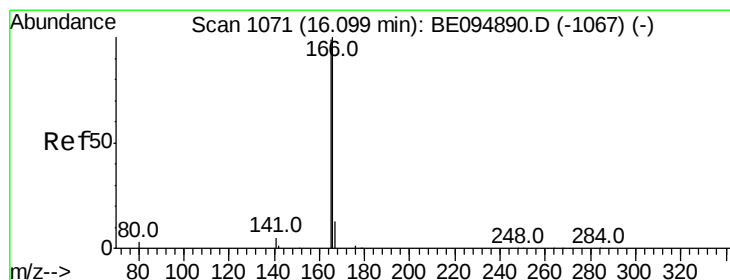
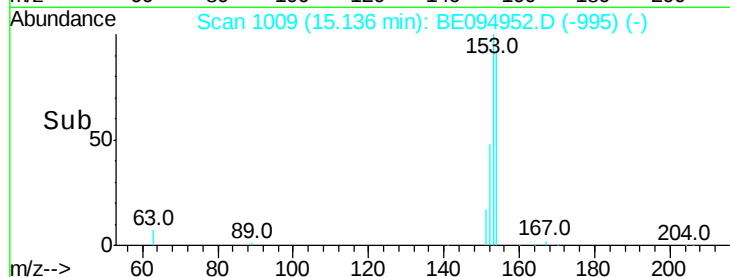
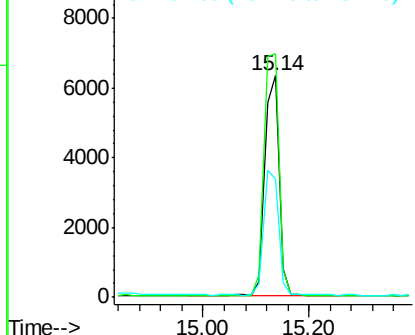
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.2	133.8
152	58.2	42.0	63.0

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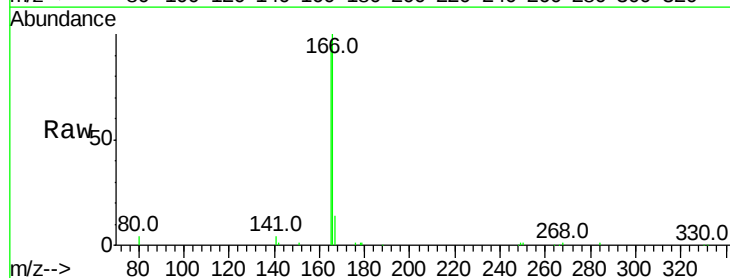


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

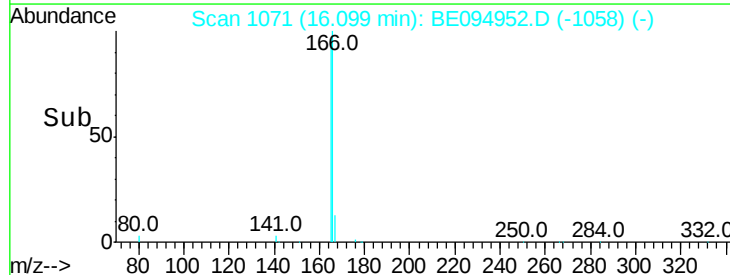
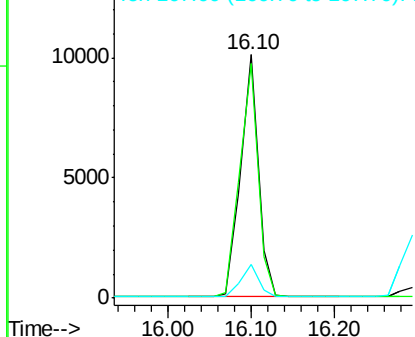


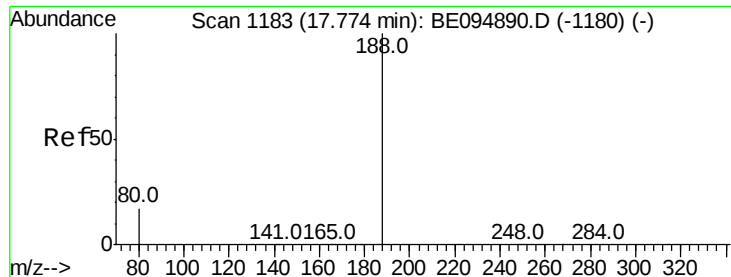
#18
Fluorene
Concen: 0.365 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.5	42.4	63.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

ClientSampleId :

PB104842BSD

Tot Ion:188 Resp: 19696

Ion Ratio Lower Upper

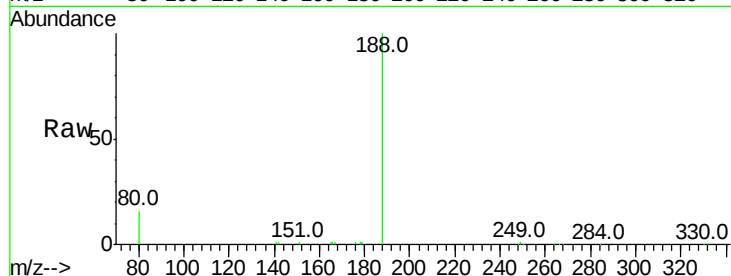
188 100

94 0.0 3.9 5.9#

80 16.2 3.6 5.4#

Manual Integrations
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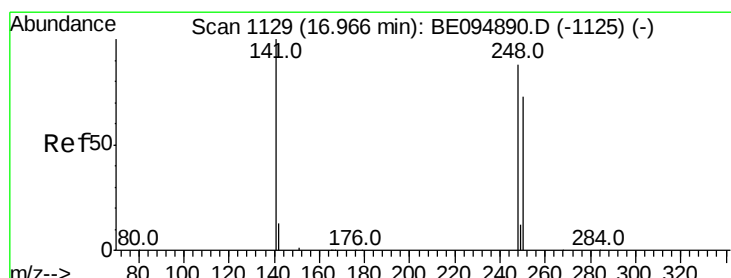
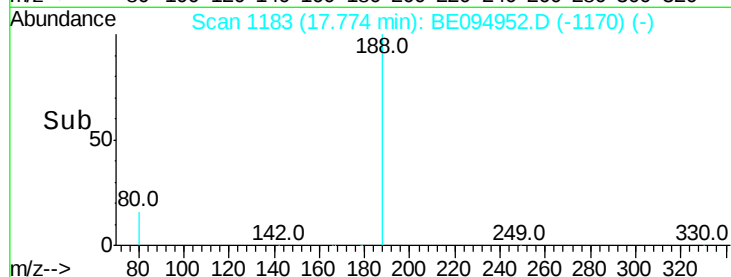
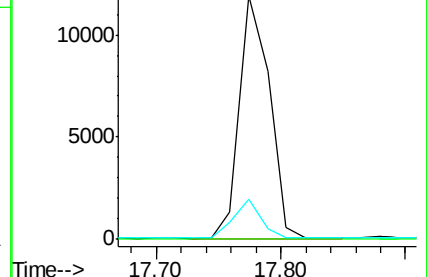
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.412 ng

RT: 16.97 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

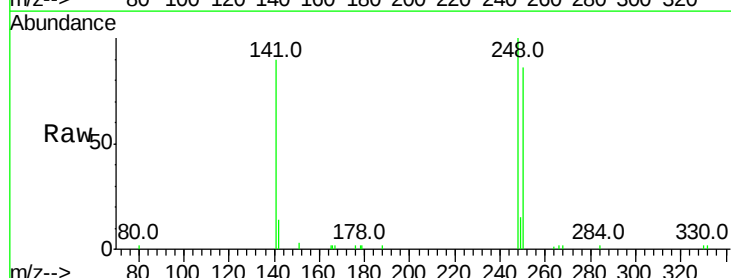
Tgt Ion:248 Resp: 4529

Ion Ratio Lower Upper

248 100

250 86.0 62.7 94.1

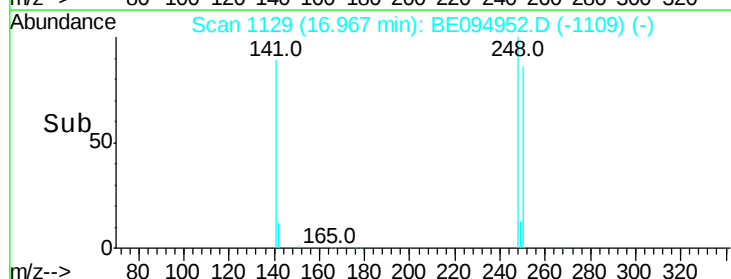
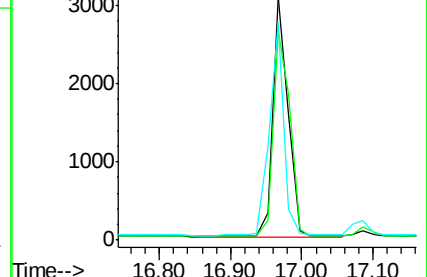
141 89.8 48.2 72.2#

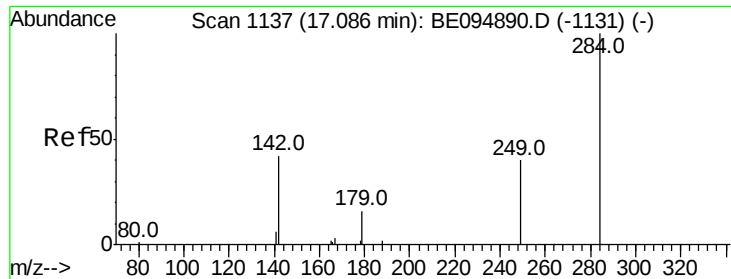


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 17.09 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

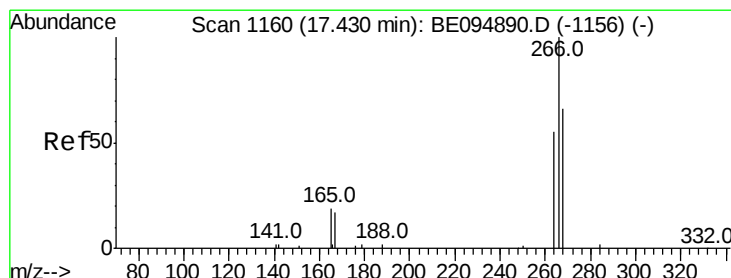
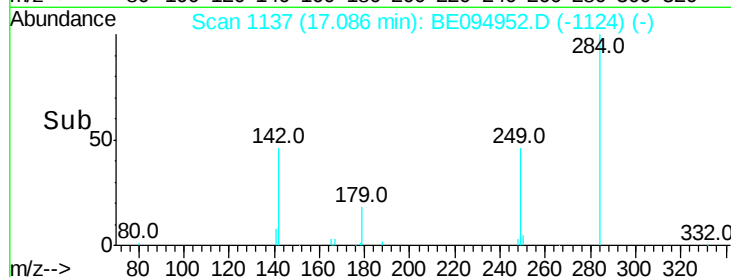
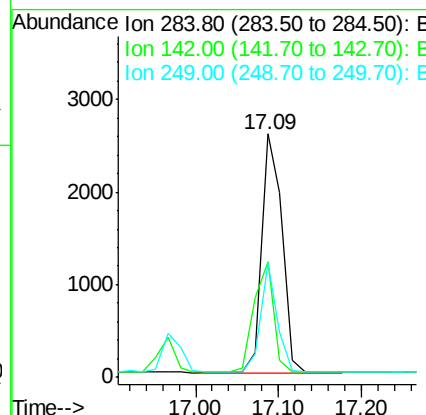
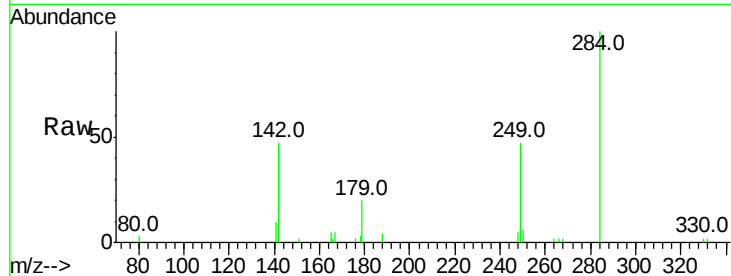
ClientSampleId :

PB104842BSD

Tot Ion:	284	Resp:	4404
Ion Ratio	Lower	Upper	
284	100		
142	44.6	22.1	33.1#
249	37.1	34.8	52.2

Manual Integrations
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#22

Pentachlorophenol

Concen: 0.598 ng

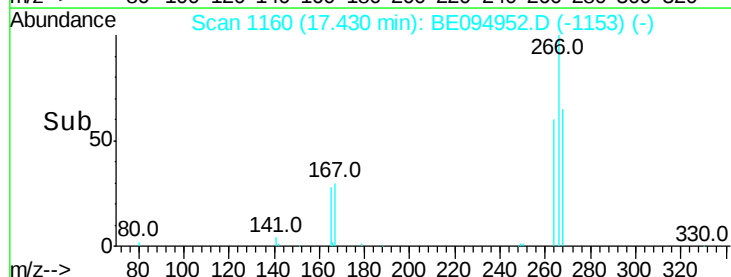
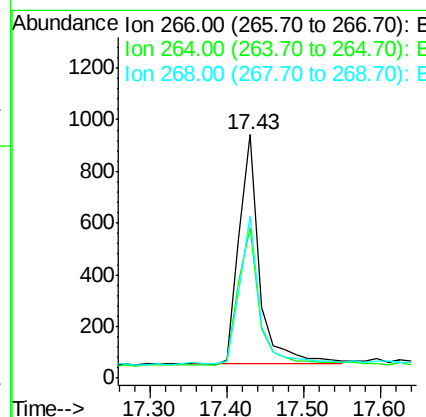
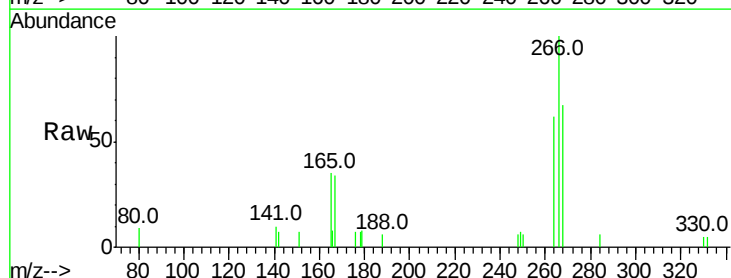
RT: 17.43 min Scan# 1160

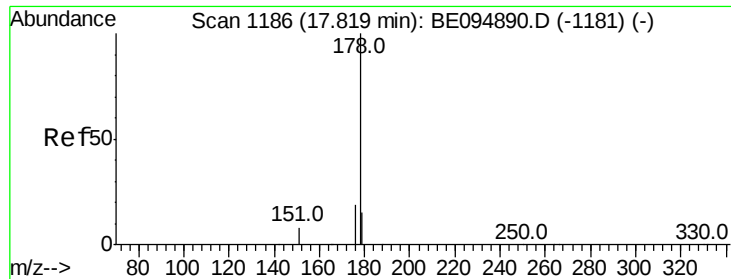
Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Tgt Ion:	266	Resp:	1648
Ion Ratio	Lower	Upper	
266	100		
264	61.8	72.5	108.7#
268	66.6	73.8	110.6#





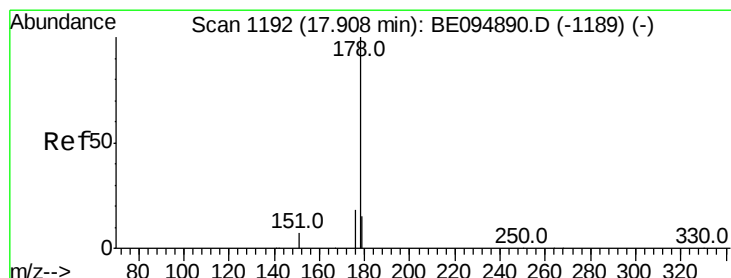
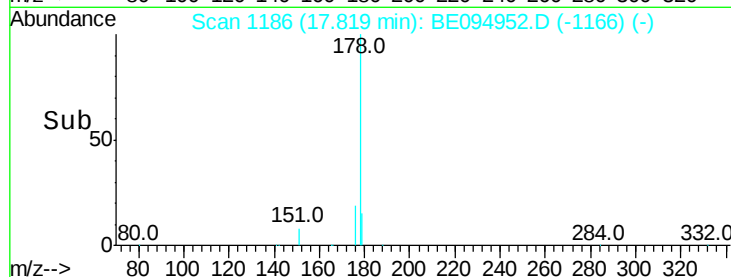
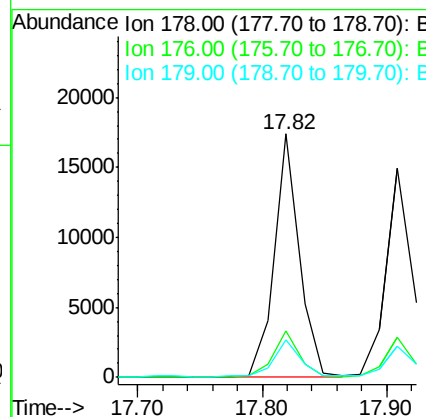
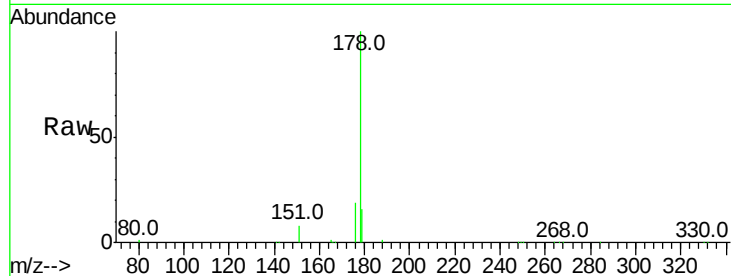
#23
Phenanthrene
Concen: 0.385 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.8	11.8	17.6

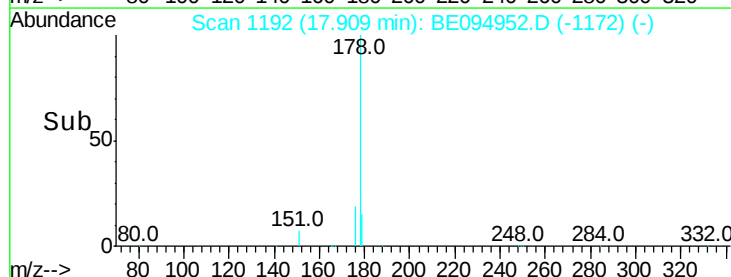
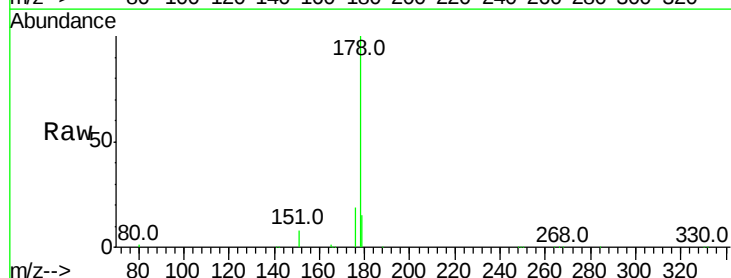
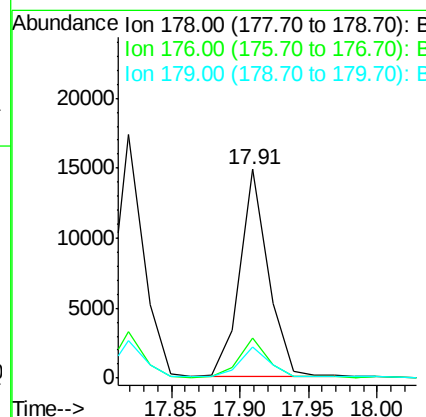
Manual Integrations
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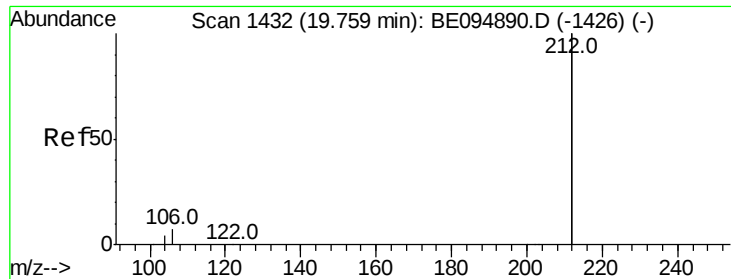
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#24
Anthracene
Concen: 0.323 ng m
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.3	12.8	19.2#
179	19.7	13.0	19.6#





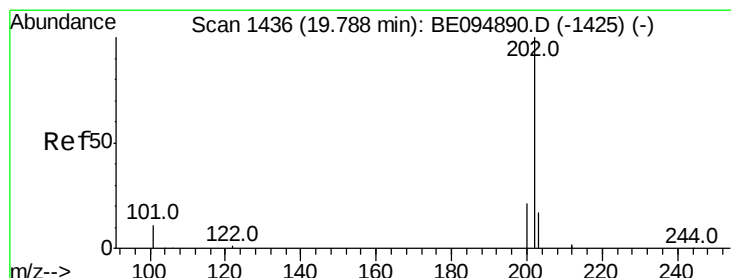
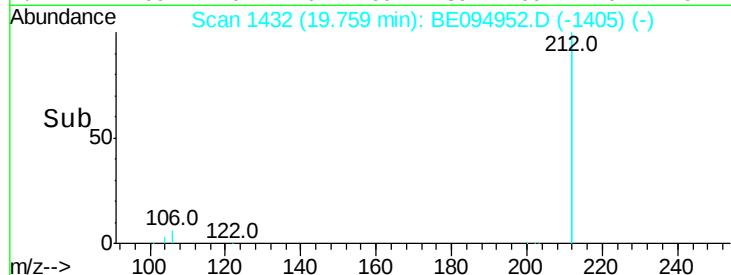
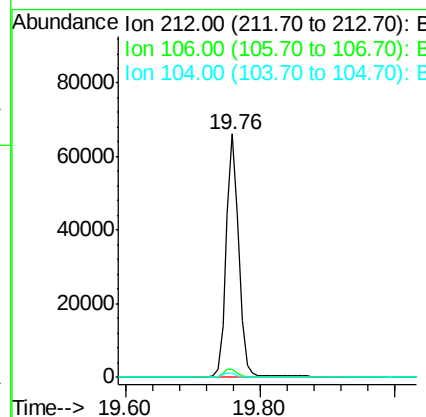
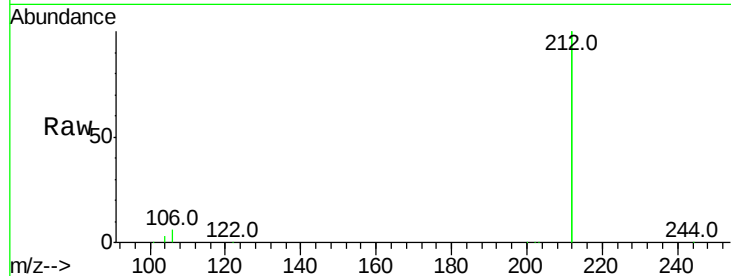
#25
Fluoranthene-d10
Concen: 0.317 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tot Ion	Ratio	Resp	Lower	Upper
212	100			
106	3.4		2.8	4.2
104	1.9		1.6	2.4

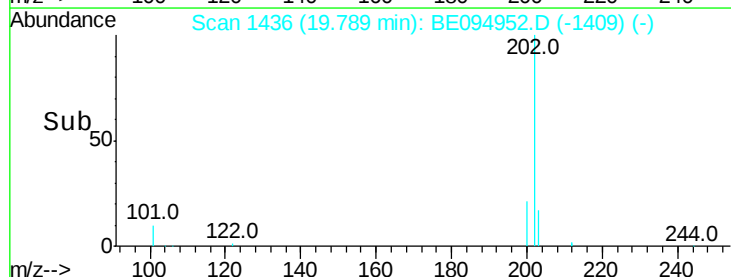
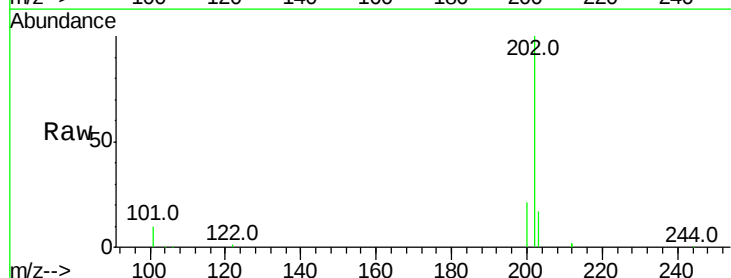
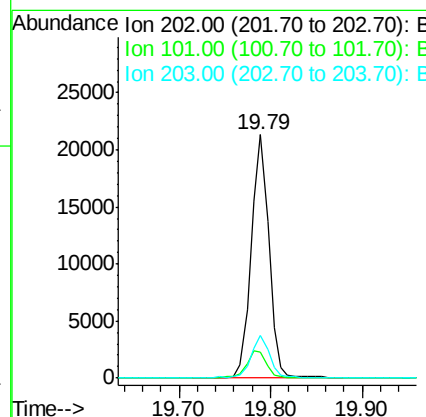
Manual Integrations
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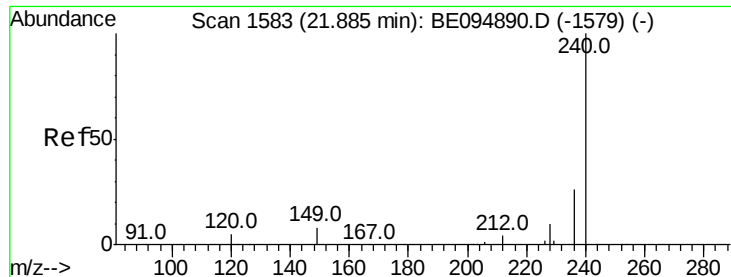
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#26
Fluoranthene
Concen: 0.350 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.8		9.8	14.8
203	17.1		13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng/mL

RT: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

ClientSampleId :

PB104842BSD

Tot Ion:240 Resp: 19257

Ion Ratio Lower Upper

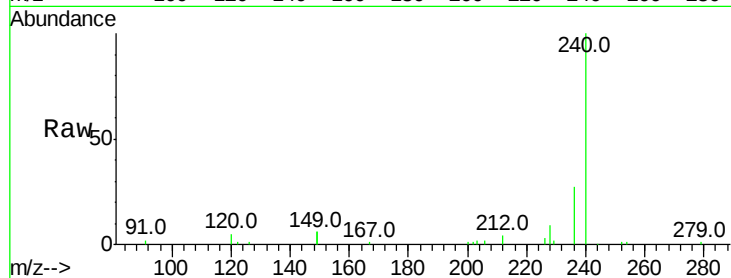
240 100

120 4.7 5.5 8.3#

236 26.6 20.7 31.1

Manual Integrations
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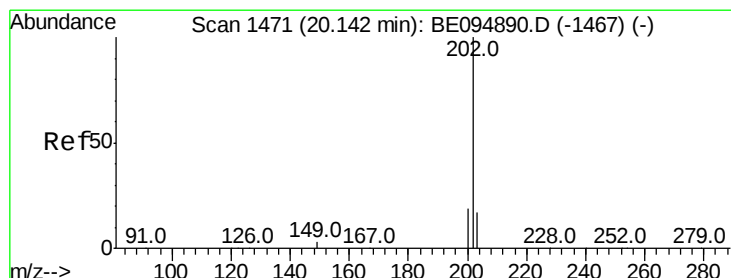
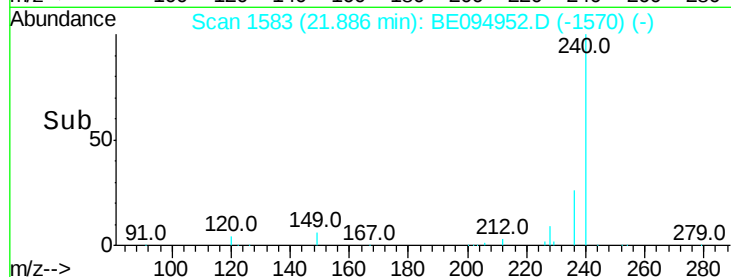
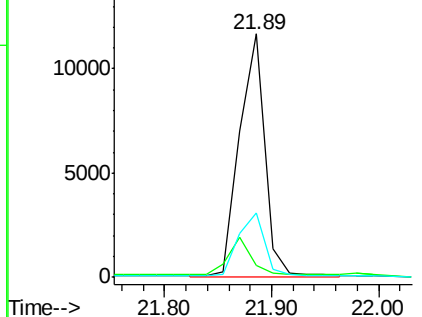
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.424 ng/mL

RT: 20.14 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

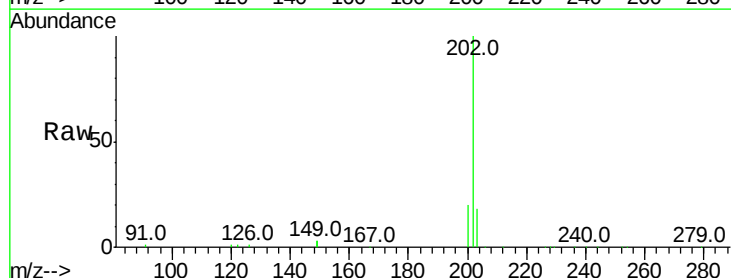
Tgt Ion:202 Resp: 28201

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

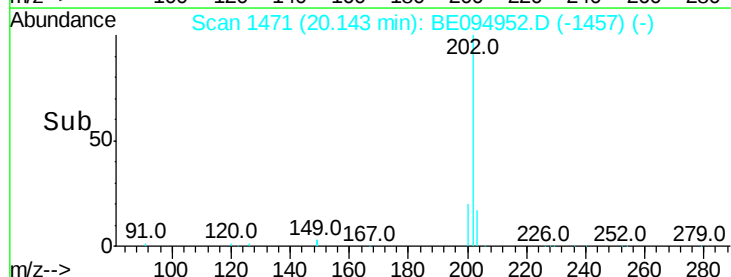
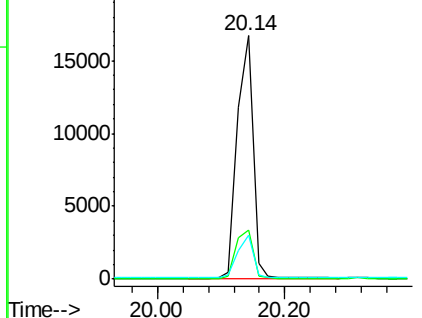
203 17.4 13.8 20.8

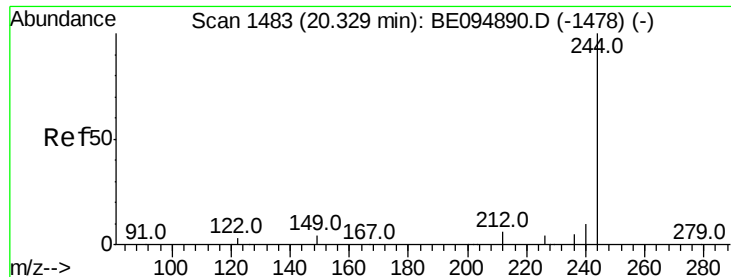


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





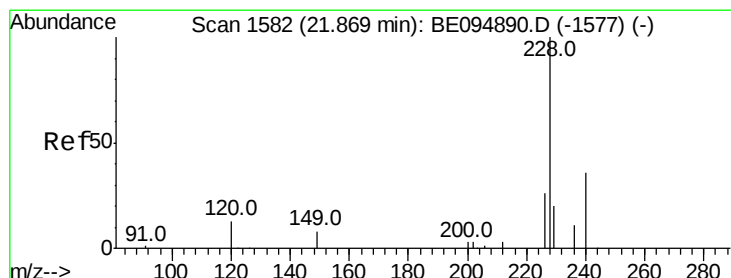
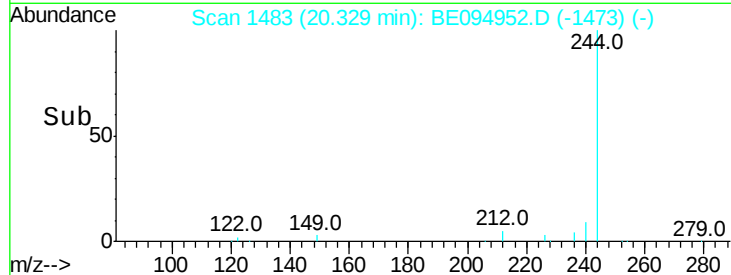
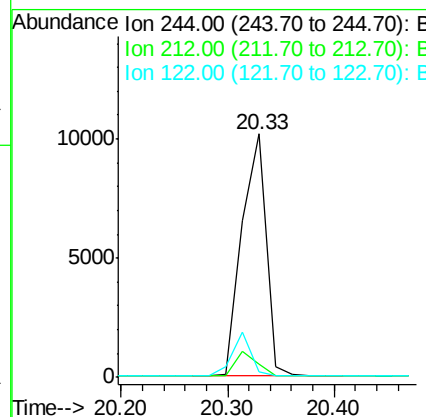
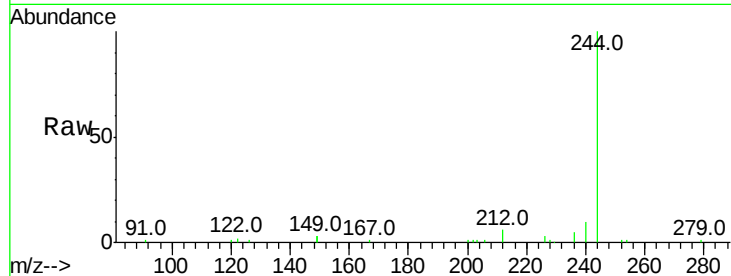
#29
 Terphenyl-d14
 Concen: 0.455 ng
 RT: 20.33 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE094952.D
 Acq: 8 Dec 2017 17:12

Instrument :
 BNA_E
 ClientSampleID :
 PB104842BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.6	25.4	38.0#
122	2.4	8.1	12.1#

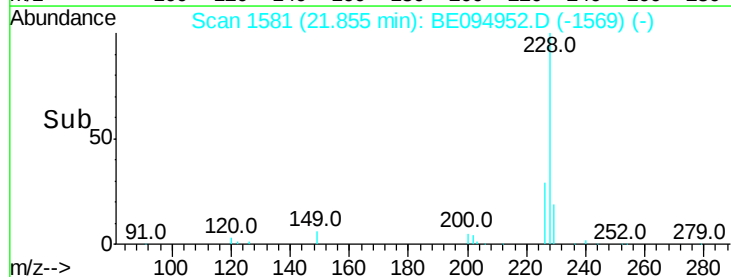
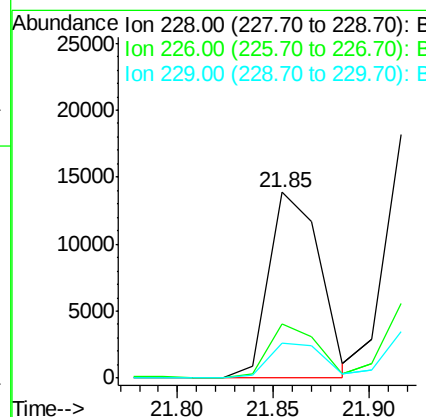
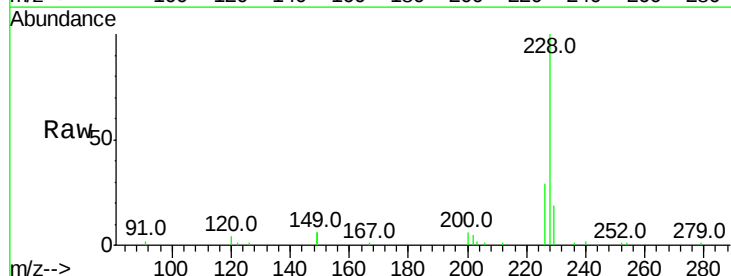
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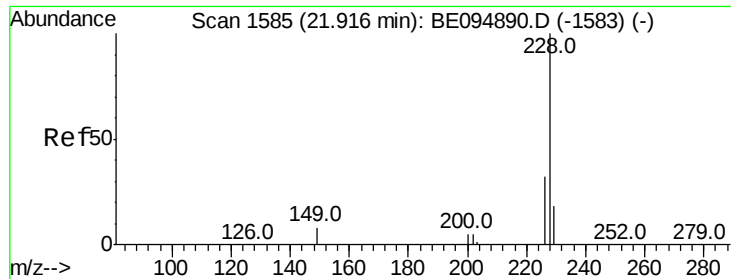
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#30
 Benzo(a)anthracene
 Concen: 0.432 ng
 RT: 21.85 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BE094952.D
 Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	40.0	60.0#
229	19.0	40.0	60.0#





#31

Chrysene

Concen: 0.408 ng/mL

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

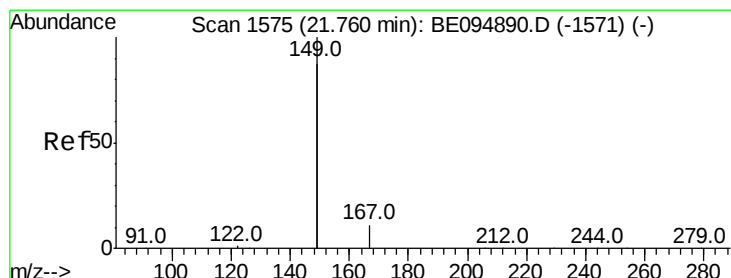
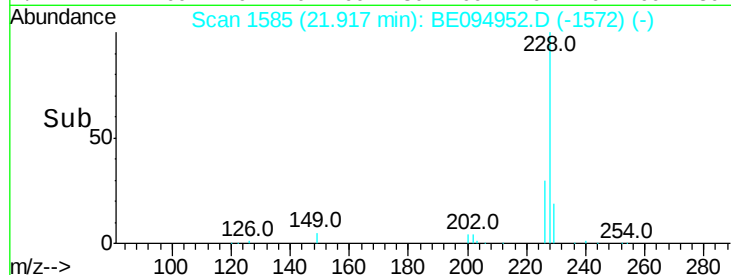
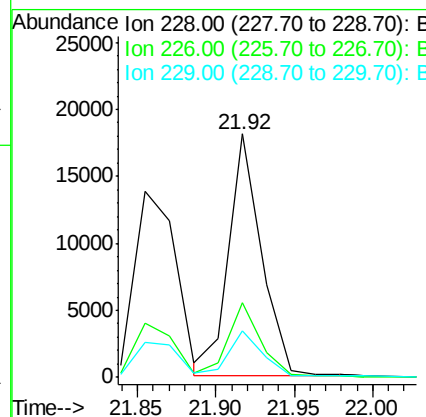
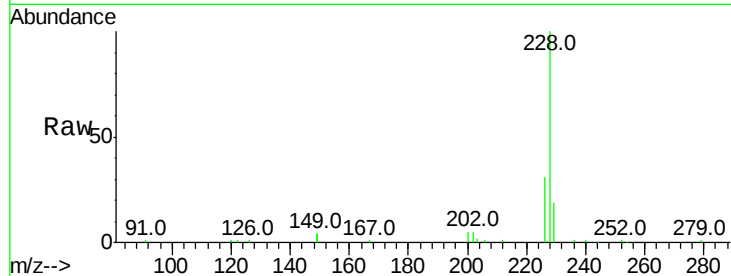
ClientSampleID :

PB104842BSD

Tot Ion:	228	Resp:	26598
Ion Ratio	Lower	Upper	
228	100		
226	30.5	40.0	60.0#
229	19.2	40.0	60.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.315 ng/mL

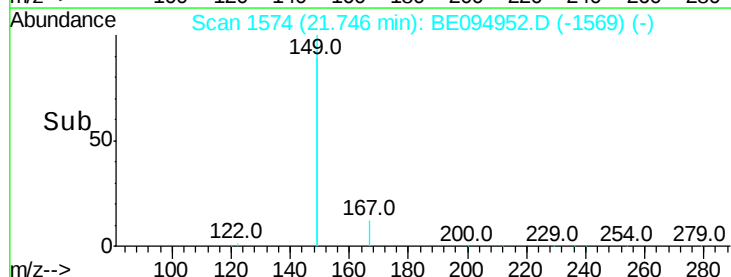
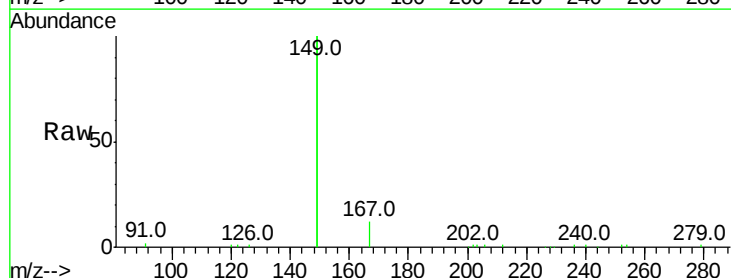
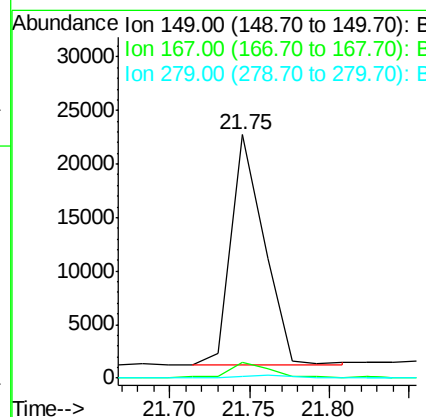
RT: 21.75 min Scan# 1574

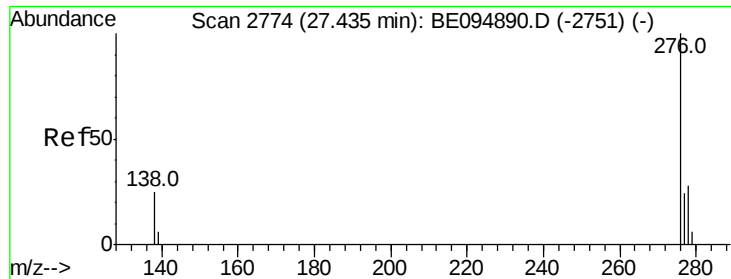
Delta R.T. -0.01 min

Lab File: BE094952.D

Acq: 8 Dec 2017 17:12

Tgt Ion:	149	Resp:	30854
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1





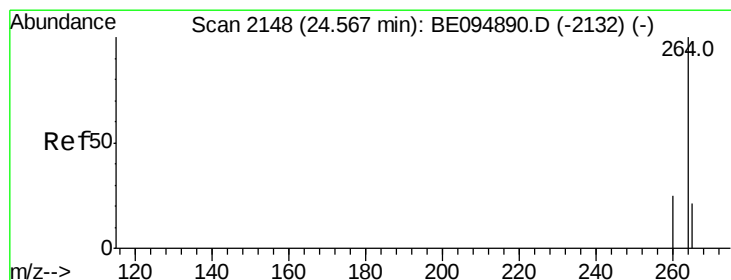
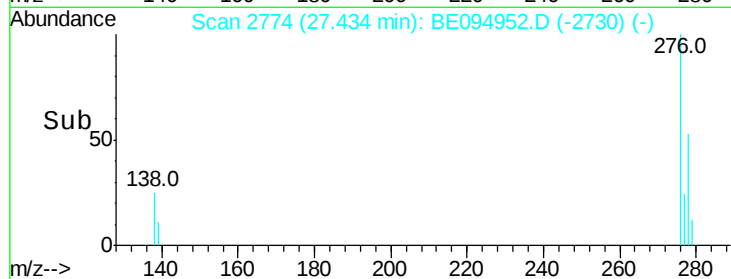
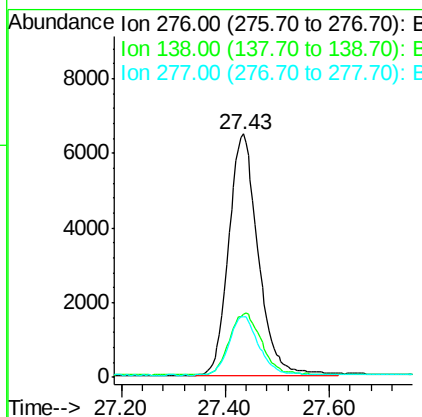
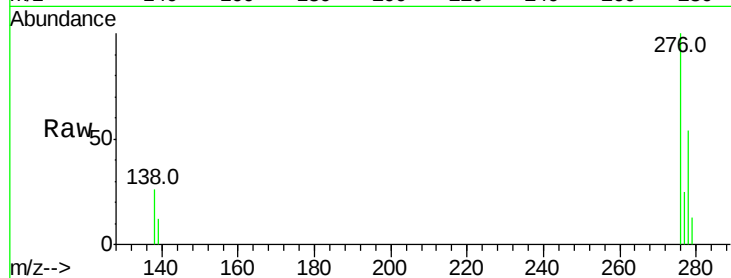
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.478 ng
 RT: 27.43 min Scan# 2774
 Delta R.T. -0.00 min
 Lab File: BE094952.D
 Acq: 8 Dec 2017 17:12

Instrument :
 BNA_E
 ClientSampleId :
 PB104842BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.5	33.7
277	24.3	19.9	29.9

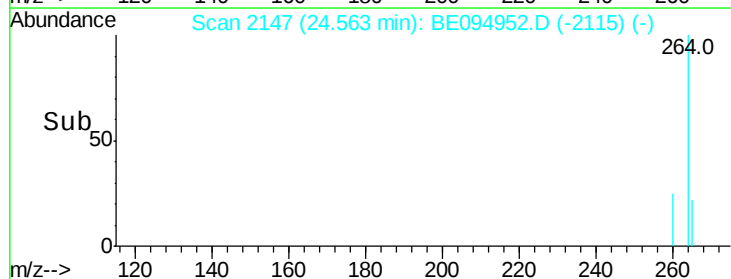
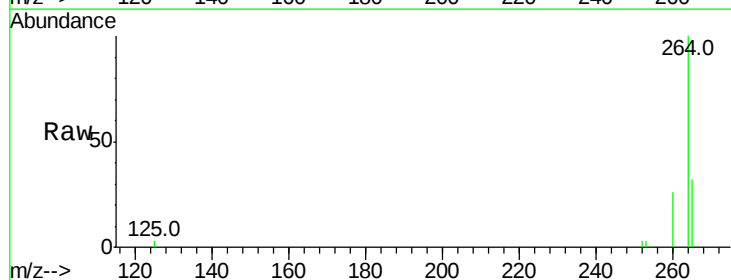
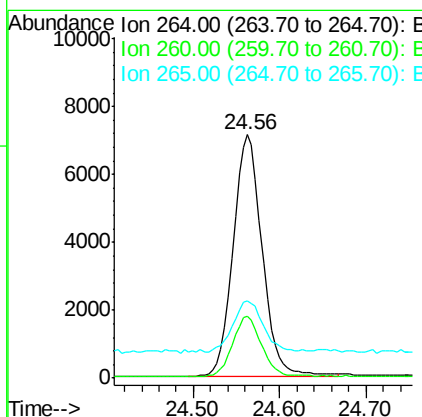
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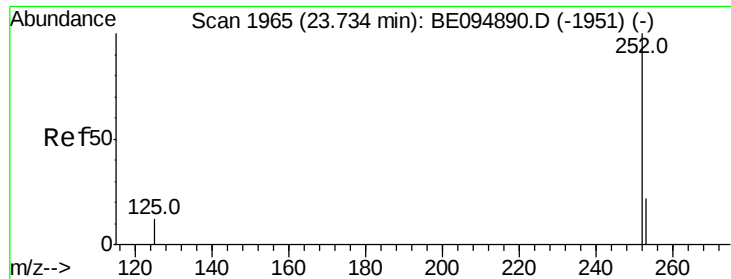
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.56 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BE094952.D
 Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	31.7	22.8	34.2





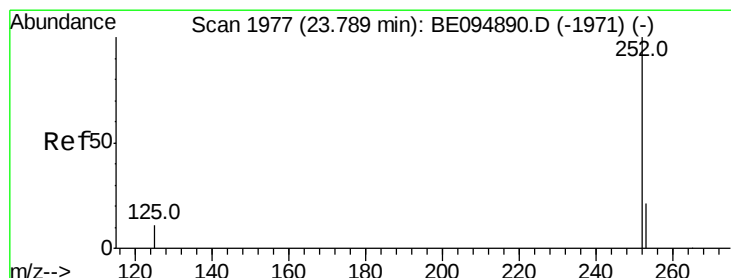
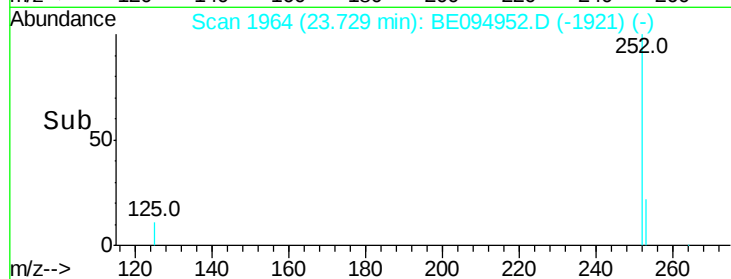
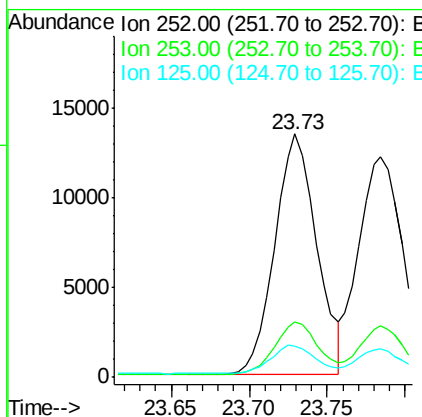
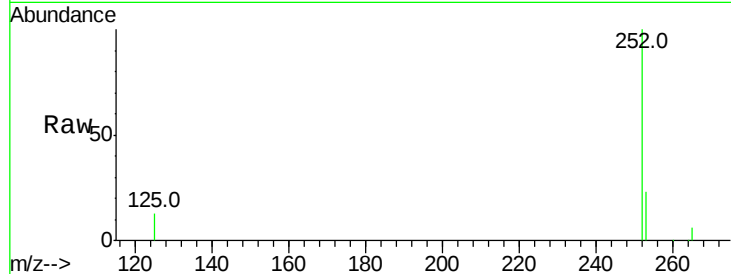
#35
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	48.0	72.0#
125	12.6	56.0	84.0#

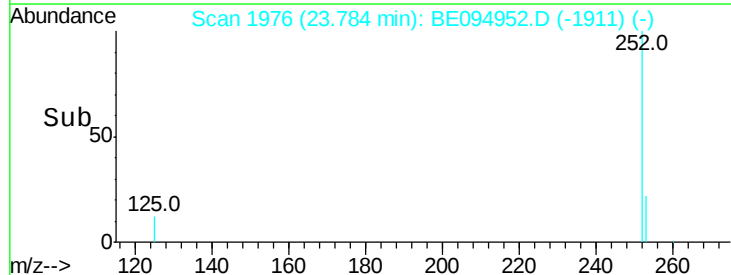
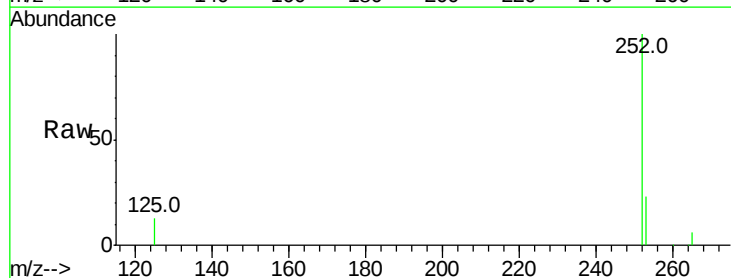
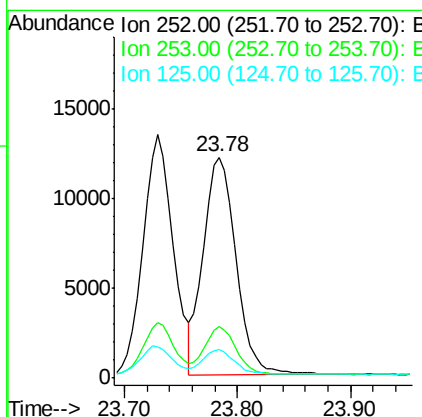
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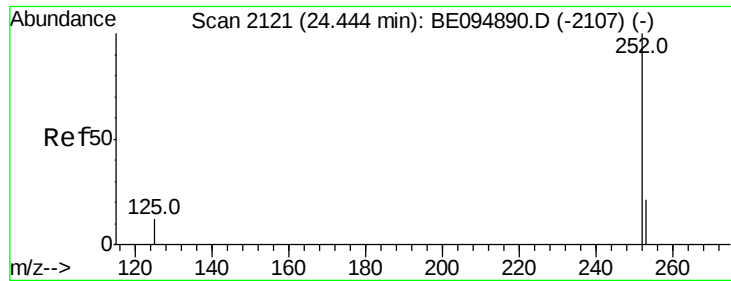
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#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	48.0	72.0#
125	13.1	56.0	84.0#





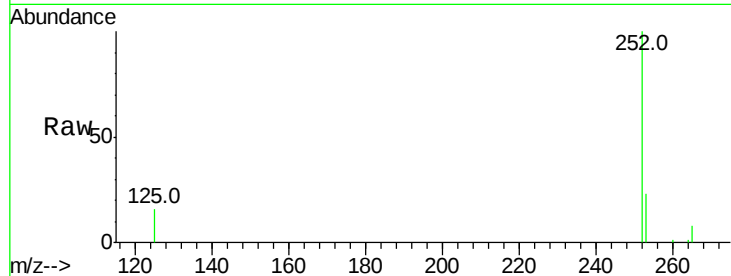
#37
Benzo(a)pyrene
Concen: 0.431 ng
RT: 24.44 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Instrument :
BNA_E
ClientSampleId :
PB104842BSD

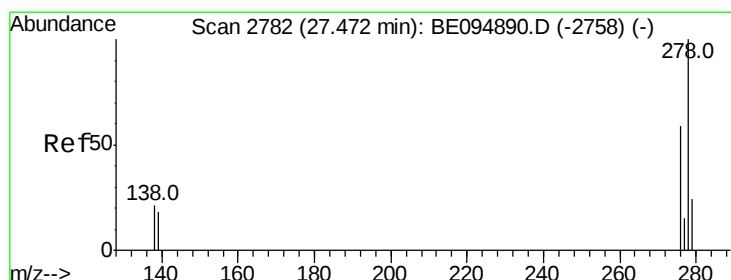
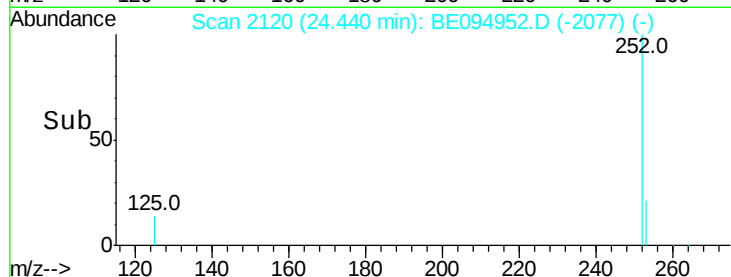
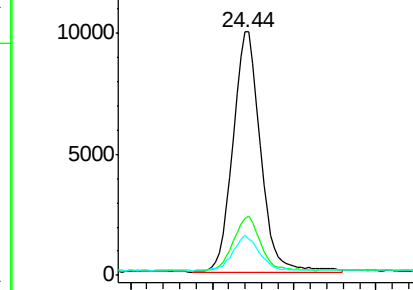
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	52.0	78.0#
125	16.2	68.0	102.0#

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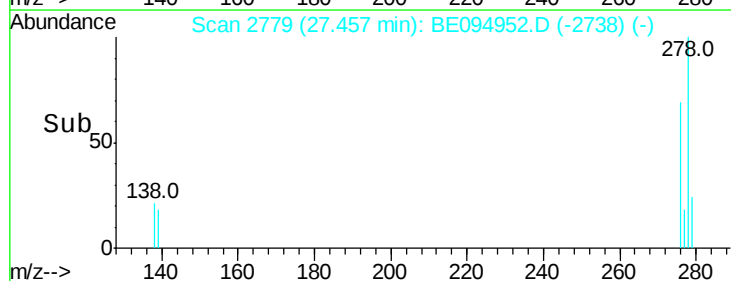
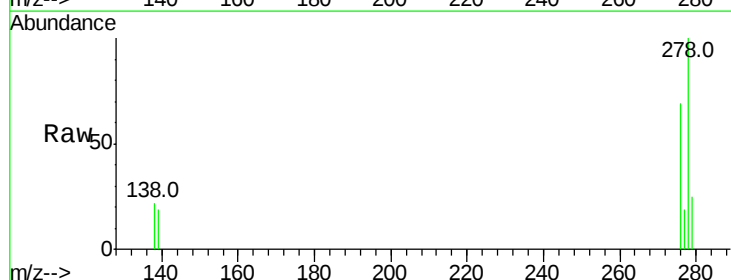
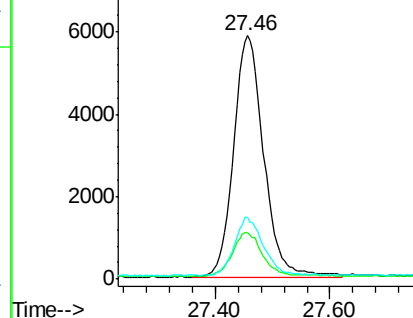
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

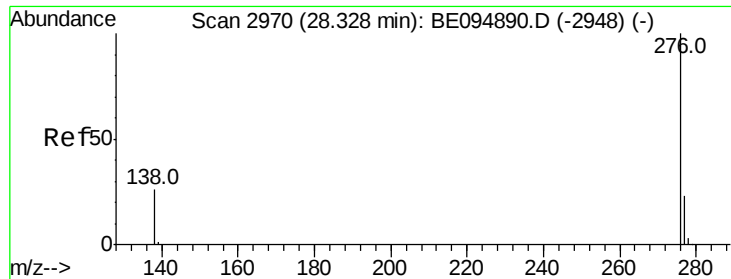


#38
Dibenzo(a,h)anthracene
Concen: 0.435 ng
RT: 27.46 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BE094952.D
Acq: 8 Dec 2017 17:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	56.0	84.0#
279	25.3	52.0	78.0#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.452 ng

RT: 28.32 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BE094952.D

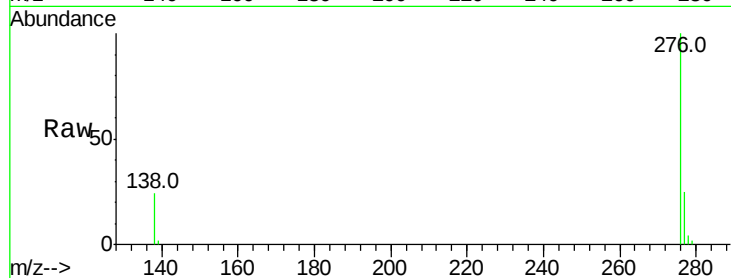
Acq: 8 Dec 2017 17:12

Instrument :

BNA_E

ClientSampleId :

PB104842BSD



Tot Ion: 276 Resp: 22155

Ion Ratio Lower Upper

276 100

277 25.3 52.0 78.0#

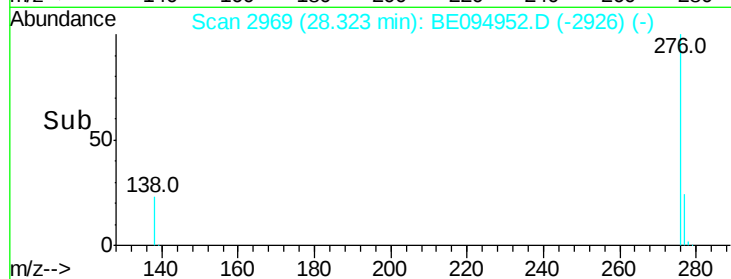
138 24.5 44.0 66.0#

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

