

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093479.D
 Acq On : 19 Jul 2017 11:39
 Operator : SJ/JU
 Sample : PB100678BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100678BS

Manual Integrations
 APPROVED

mohammad
 7/20/2017 3:02:36 PM

Quant Time: Jul 20 12:52:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	5855	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	25147	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	12193	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	20122	0.40	ng	0.00
27) Chrysene-d12	21.42	240	40240	0.40	ng	-0.01
34) Perylene-d12	23.92	264	28333	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	5207	0.29	ng	0.00
5) Phenol-d6	7.10	99	6989	0.27	ng	0.00
8) Nitrobenzene-d5	9.08	82	5403	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	17330	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	595	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	14895	0.31	ng	-0.02
25) Fluoranthene-d10	19.28	212	103404	0.43	ng	0.00
29) Terphenyl-d14	19.87	244	19252	0.27	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	2411	0.195	ng	# 44
3) n-Nitrosodimethylamine	3.75	42	2682	0.420	ng	# 88
6) bis(2-Chloroethyl)ether	7.35	93	5829	0.297	ng	# 95
9) Naphthalene	10.77	128	74963	0.285	ng	# 73
10) Hexachlorobutadiene	11.06	225	2928	0.293	ng	97
12) 2-Methylnaphthalene	12.37	142	12152	0.275	ng	96
16) Acenaphthylene	14.26	152	13695	0.270	ng	# 88
17) Acenaphthene	14.60	154	10583	0.284	ng	98
18) Fluorene	15.58	166	13506	0.265	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	5280	0.478	ng	# 1
21) Hexachlorobenzene	16.58	284	4670	0.392	ng	# 100
22) Pentachlorophenol	16.91	266	1981	1.164	ng	# 80
23) Phenanthrene	17.30	178	24208	0.331	ng	95
24) Anthracene	17.40	178	14960m	0.334	ng	
26) Fluoranthene	19.31	202	29924	0.435	ng	99
28) Pyrene	19.67	202	29499	0.261	ng	# 98
30) Benzo(a)anthracene	21.41	228	31575	0.291	ng	96
31) Chrysene	21.46	228	34723	0.306	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	34037	0.218	ng	# 67
33) Indeno(1,2,3-cd)pyrene	26.57	276	30081	0.302	ng	94
35) Benzo(b)fluoranthene	23.15	252	33428	0.365	ng	# 95
36) Benzo(k)fluoranthene	23.20	252	33258m	0.367	ng	
37) Benzo(a)pyrene	23.81	252	24318	0.303	ng	# 95
38) Dibenzo(a,h)anthracene	26.59	278	26875	0.345	ng	# 90
39) Benzo(g,h,i)perylene	27.38	276	25746	0.328	ng	93

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

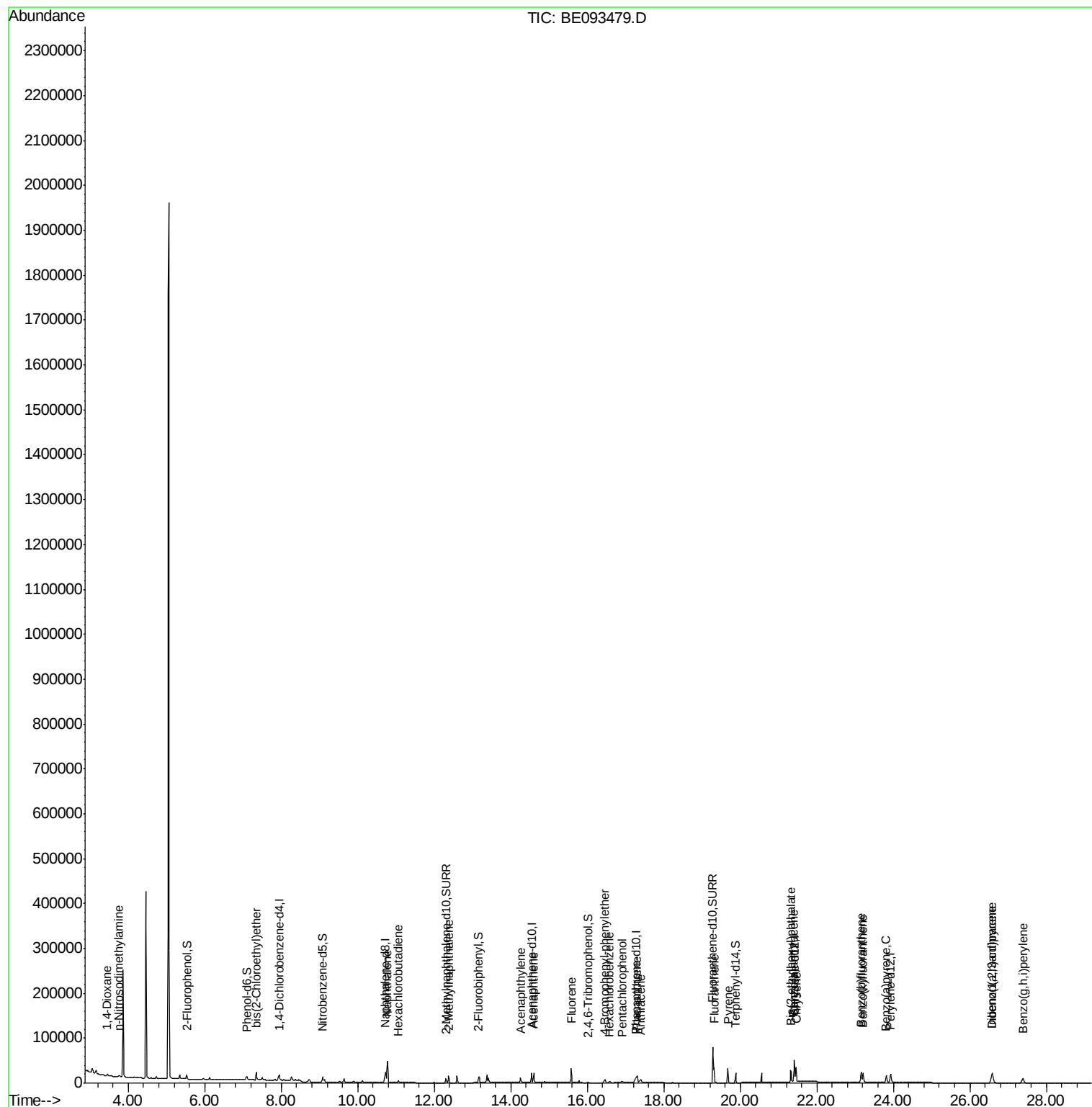
Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
Data File : BE093479.D
Acq On : 19 Jul 2017 11:39
Operator : SJ/JU
Sample : PB100678BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

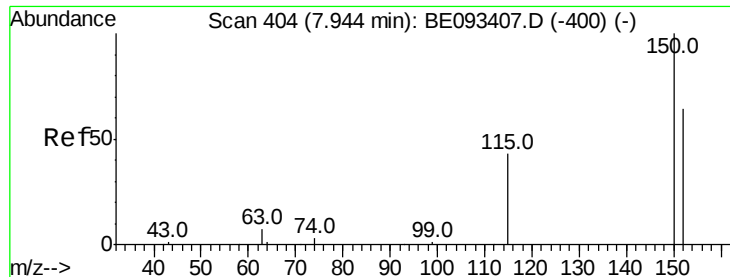
Instrument :
BNA_E
ClientSampleId :
PB100678BS

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampleId :

PB100678BS

Tot Ion:152 Resp: 5855

Ion Ratio Lower Upper

152 100

150 149.3 125.1 187.7

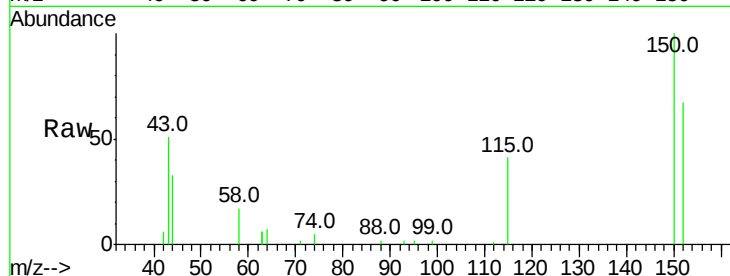
115 61.0 55.7 83.5

Manual Integrations

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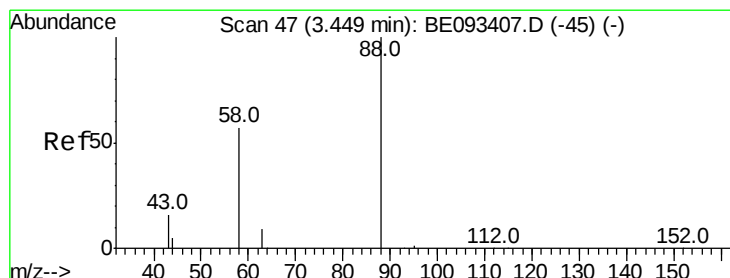
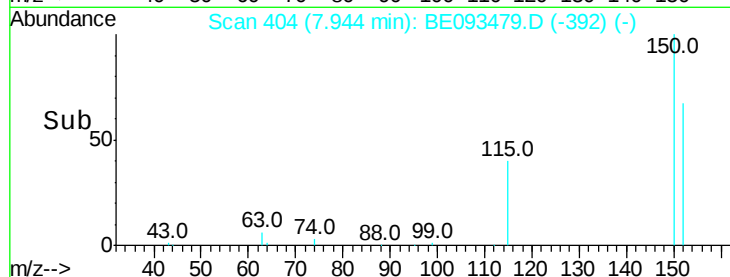
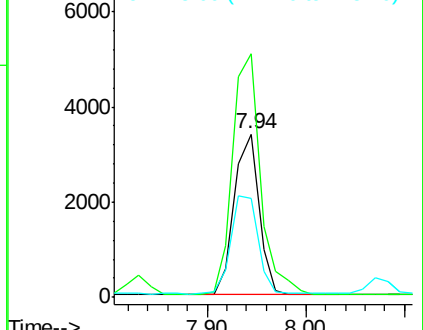
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.195 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

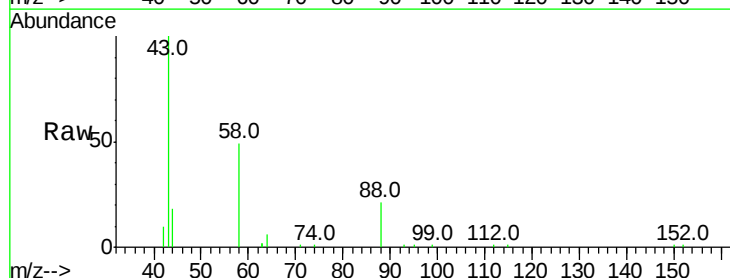
Tgt Ion: 88 Resp: 2411

Ion Ratio Lower Upper

88 100

58 126.9 62.2 93.4#

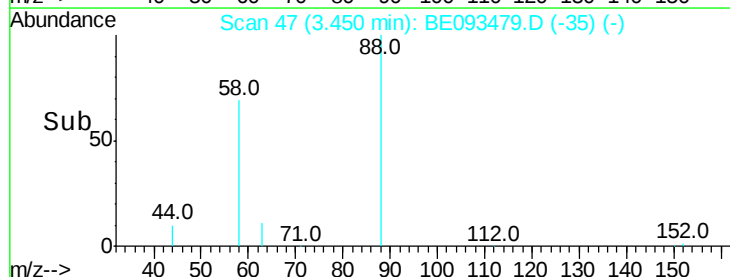
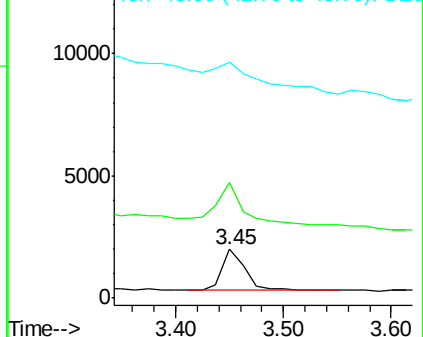
43 0.0 23.2 34.8#



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

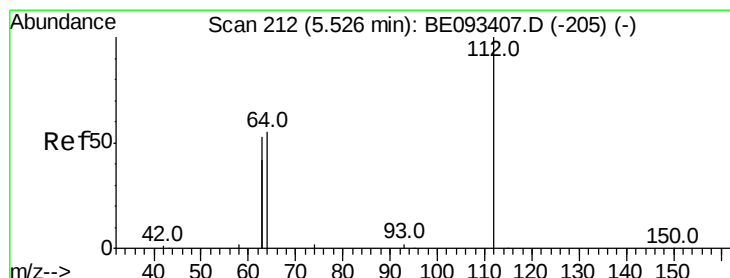
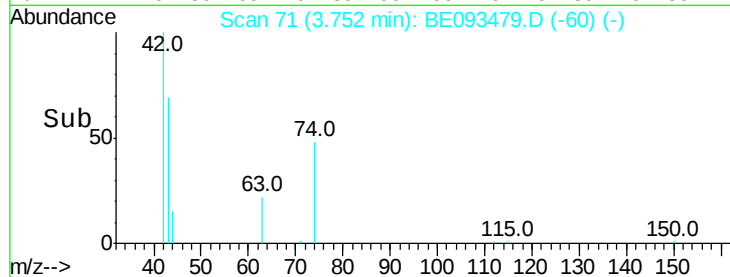
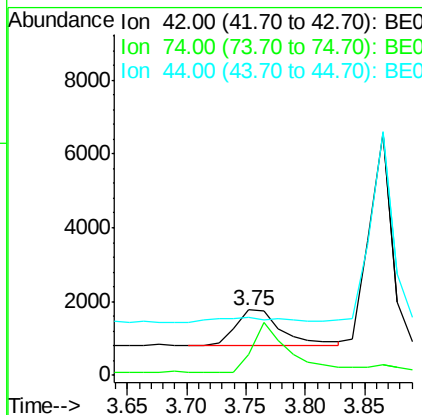
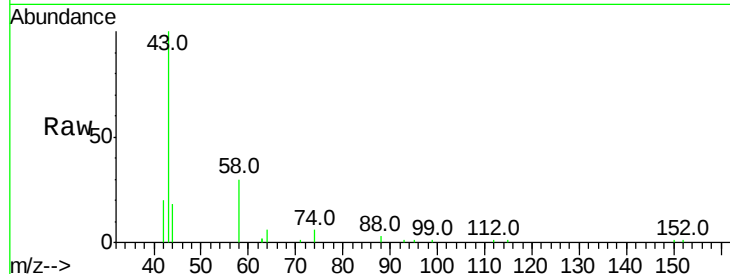
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :
PB100678BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	112.2	99.1	148.7
44	23.0	7.4	11.2#

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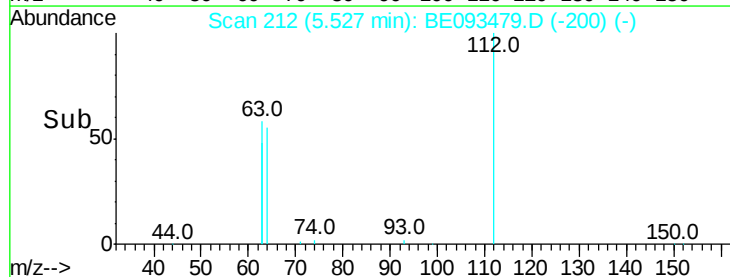
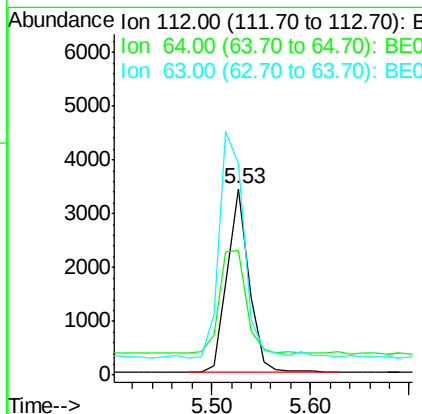
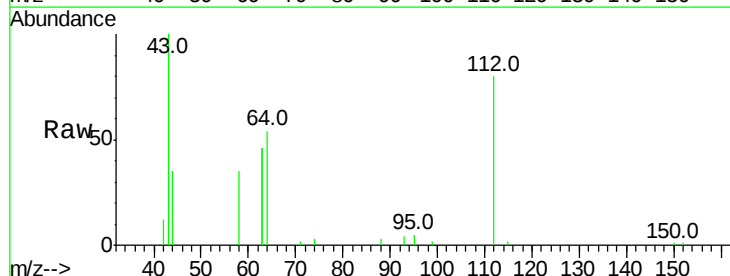
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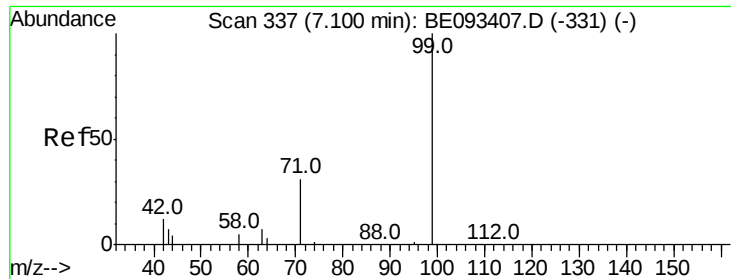


#4

2-Fluorophenol
Concen: 0.295 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.4	84.6
63	139.5	29.3	43.9#





#5

Phenol-d6

Concen: 0.268 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

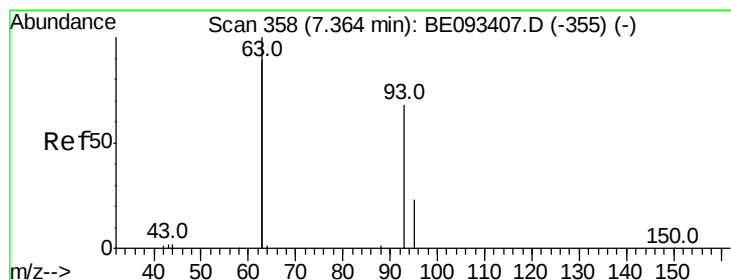
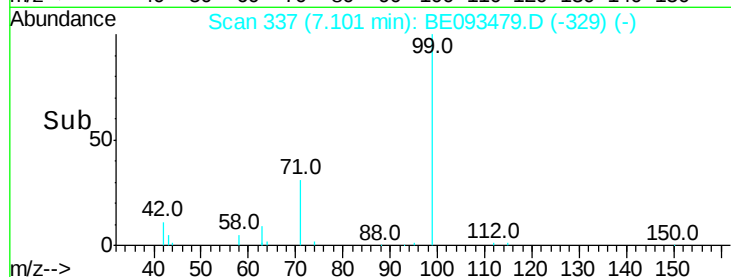
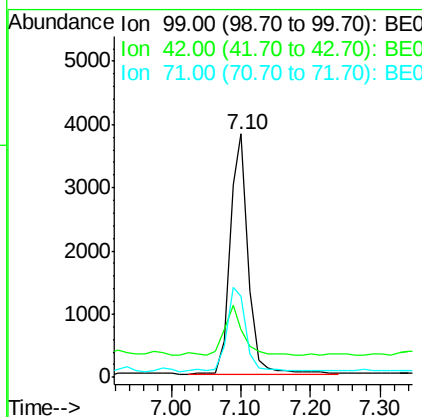
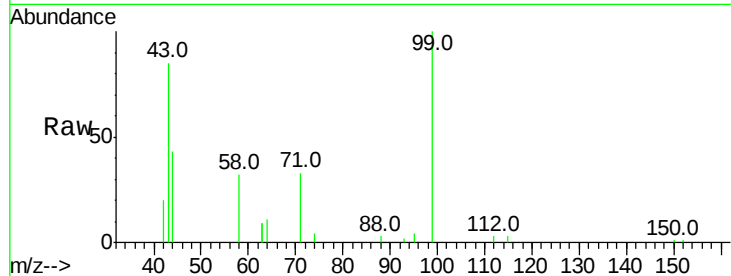
ClientSampleId :

PB100678BS

Tot Ion:	99	Resp:	6989
Ion Ratio	Lower	Upper	
99	100		
42	21.2	0.0	0.0#
71	34.9	0.0	0.0#

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#6

bis(2-Chloroethyl)ether

Concen: 0.297 ng

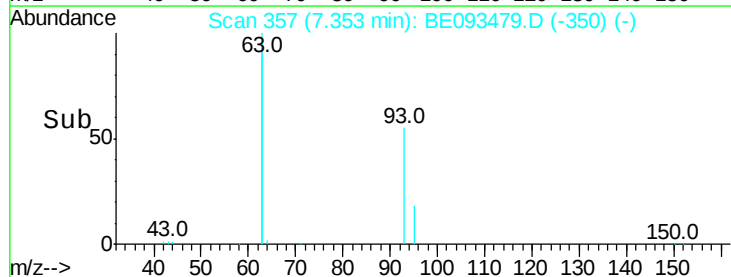
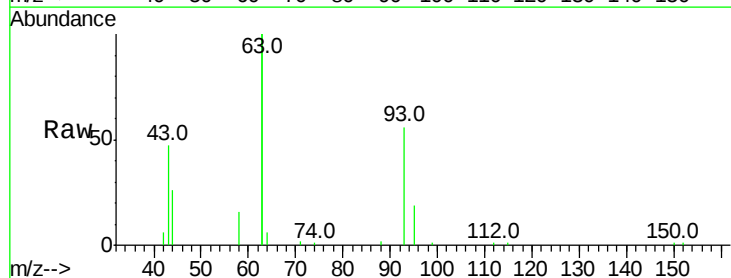
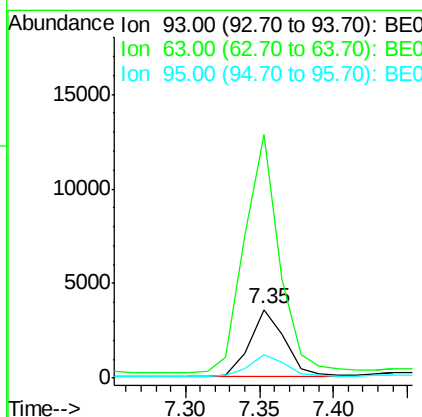
RT: 7.35 min Scan# 357

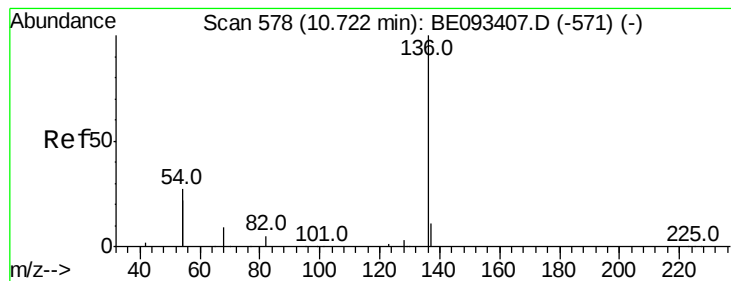
Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tgt Ion:	93	Resp:	5829
Ion Ratio	Lower	Upper	
93	100		
63	352.5	0.0	0.0#
95	34.2	25.4	38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

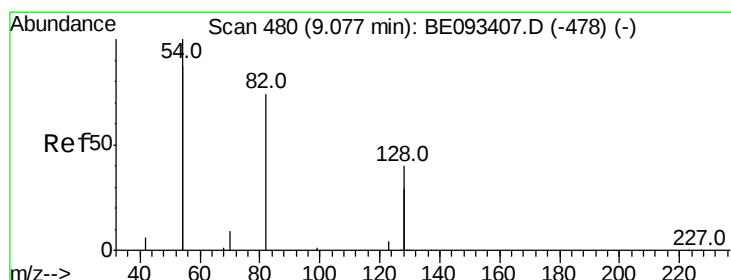
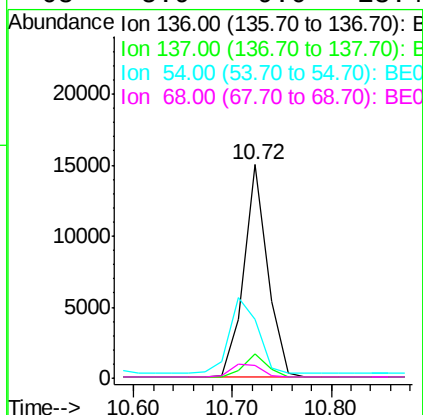
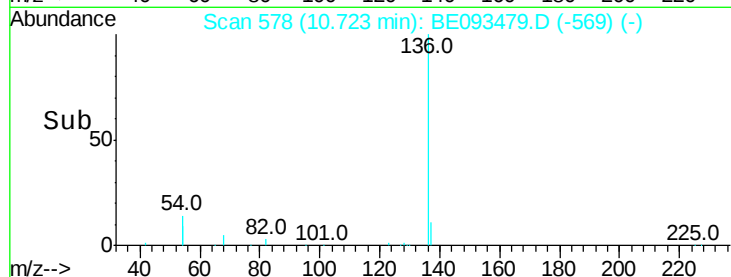
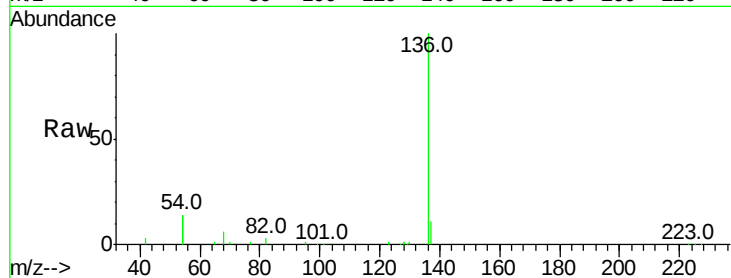
ClientSampleId :

PB100678BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	25147		
137	11.4		9.8	14.8
54	27.7		10.3	15.5#
68	5.9		9.0	13.4#

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.336 ng

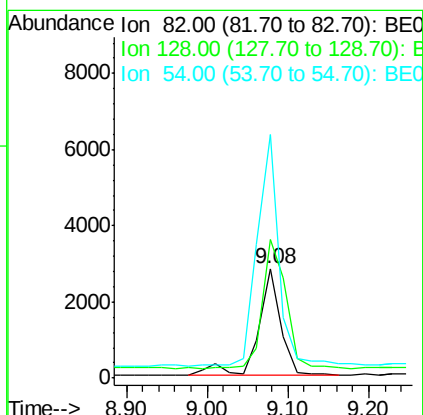
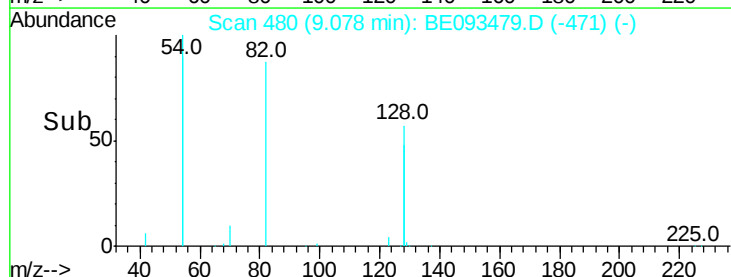
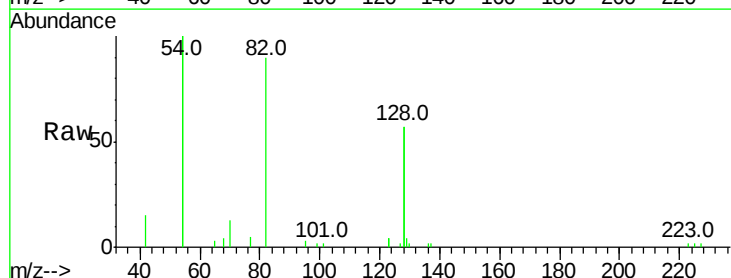
RT: 9.08 min Scan# 480

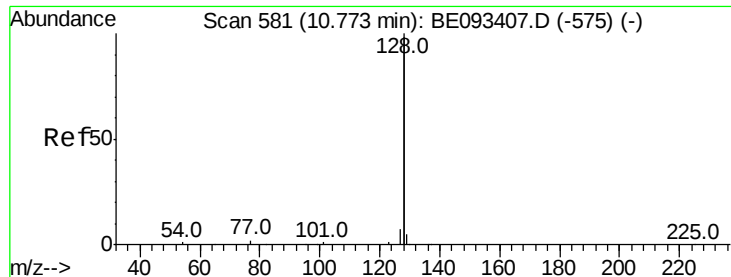
Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	5403		
128	125.9		17.0	25.4#
54	222.0		53.8	80.6#





#9

Naphthalene

Concen: 0.285 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

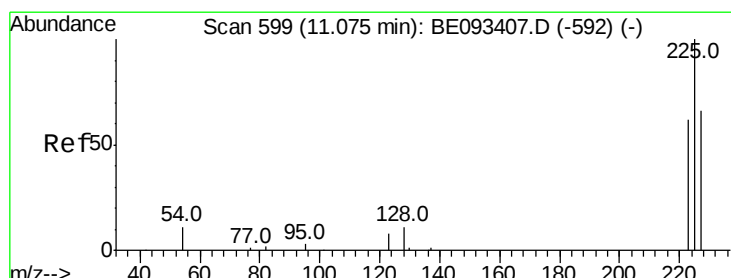
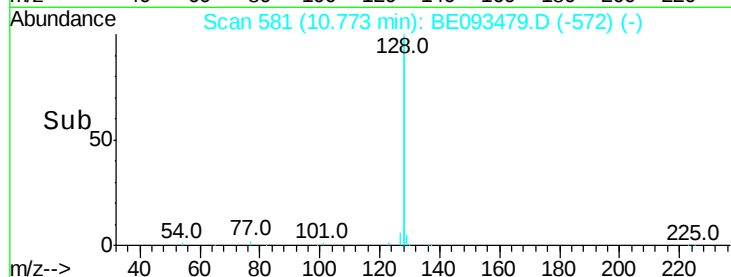
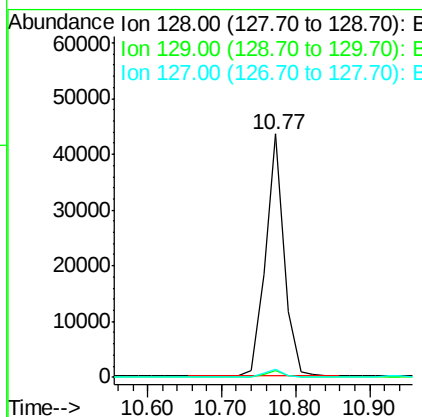
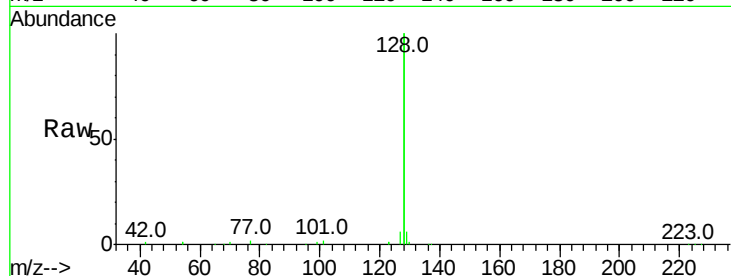
ClientSampleId :

PB100678BS

Tot Ion:	128	Resp:	74963
Ion Ratio	Lower	Upper	
128	100		
129	2.9	11.4	17.0#
127	3.2	11.2	16.8#

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.293 ng

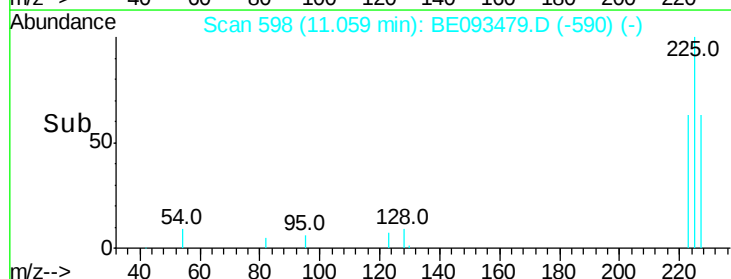
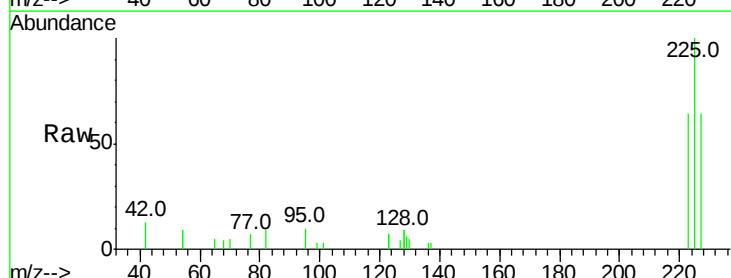
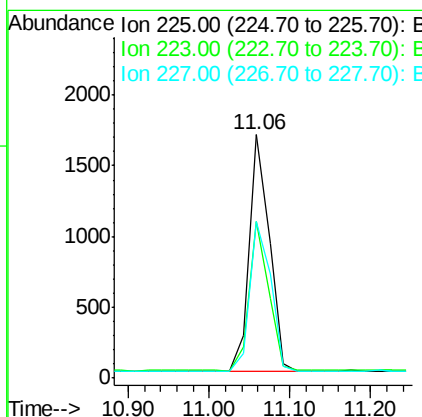
RT: 11.06 min Scan# 598

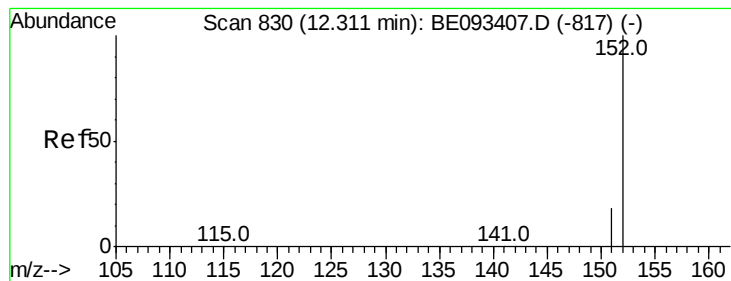
Delta R.T. -0.02 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tgt Ion:	225	Resp:	2928
Ion Ratio	Lower	Upper	
225	100		
223	61.1	49.7	74.5
227	66.2	50.3	75.5





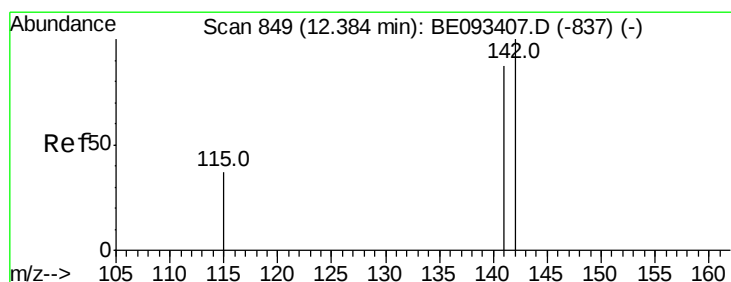
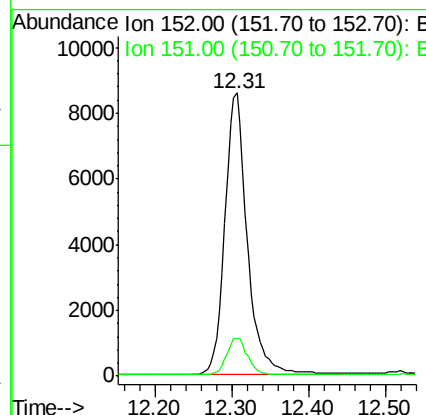
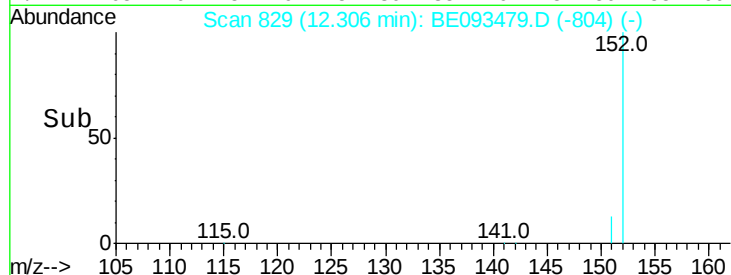
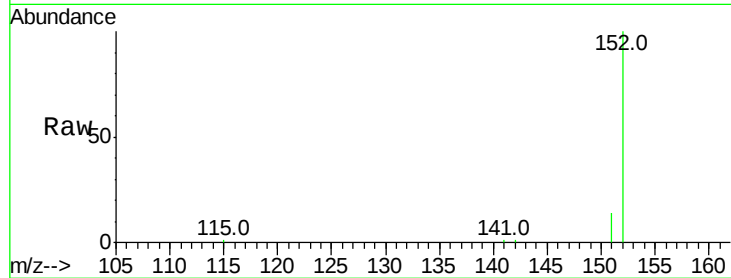
#11
 2-Methylnaphthalene-d10
 Concen: 0.432 ng
 RT: 12.31 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

Instrument :
 BNA_E
 ClientSampleId :
 PB100678BS

Tot Ion:152 Resp: 17330
 Ion Ratio Lower Upper
 152 100
 151 11.7 15.1 22.7#

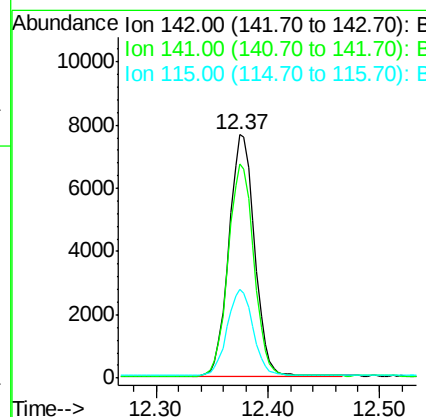
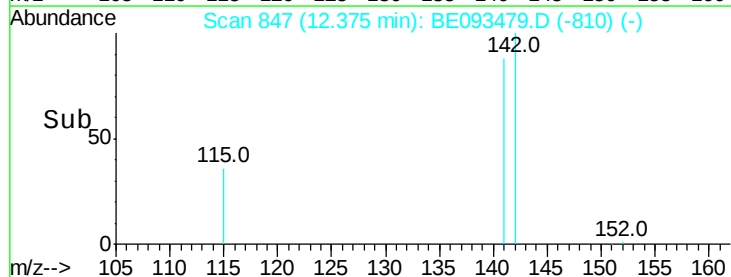
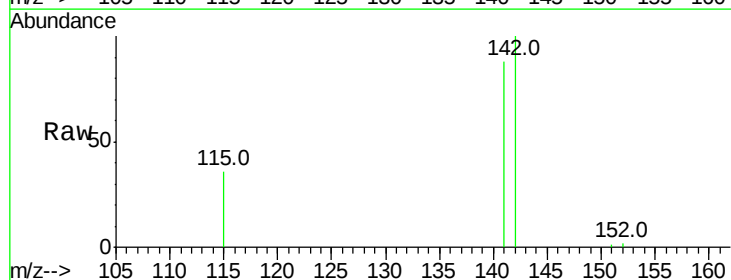
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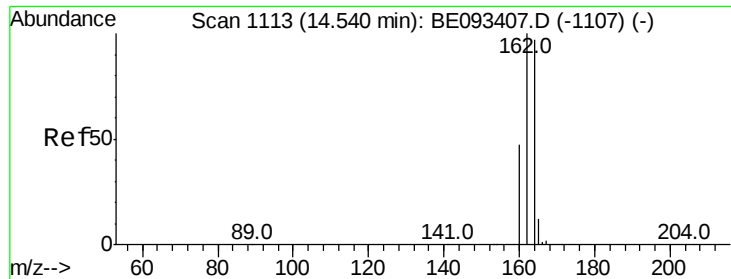
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#12
 2-Methylnaphthalene
 Concen: 0.275 ng
 RT: 12.37 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

Tgt Ion:142 Resp: 12152
 Ion Ratio Lower Upper
 142 100
 141 88.0 72.6 108.8
 115 36.5 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

ClientSampled :

PB100678BS

Tot Ion:164 Resp: 12193

Ion Ratio Lower Upper

164 100

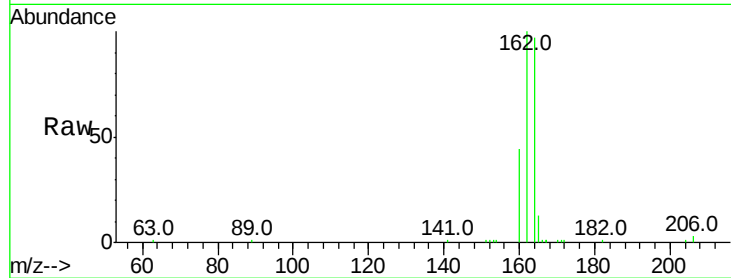
162 103.5 84.6 127.0

160 45.1 41.8 62.6

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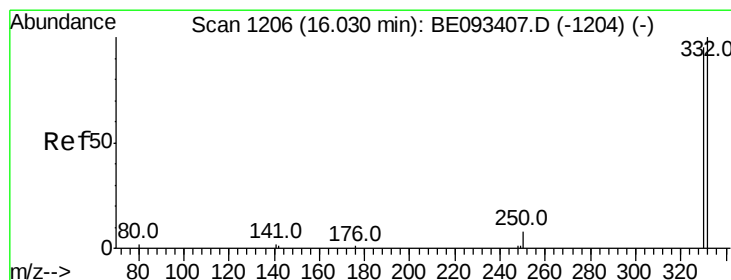
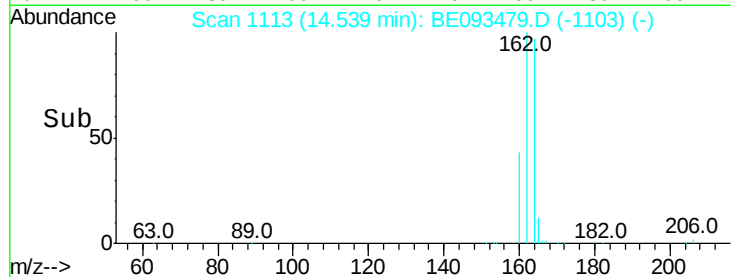
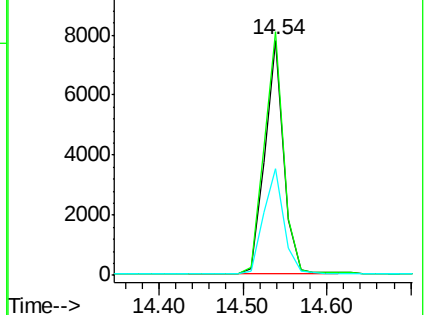
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.155 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

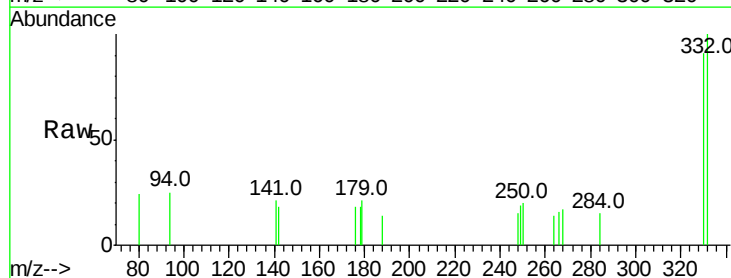
Tgt Ion:330 Resp: 595

Ion Ratio Lower Upper

330 100

332 106.2 77.7 116.5

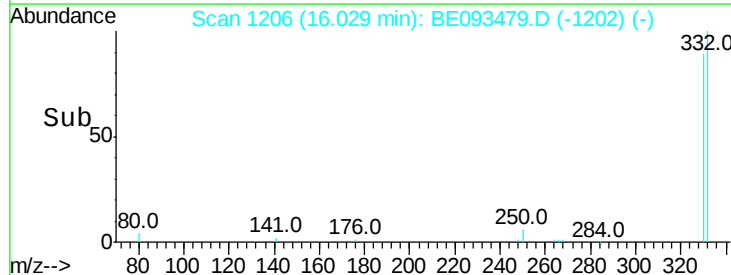
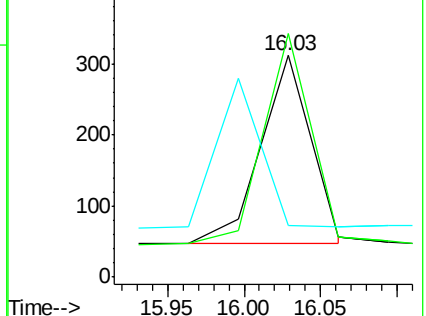
141 0.0 56.2 84.4#

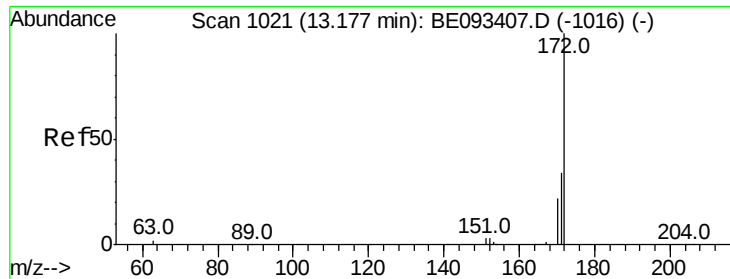


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





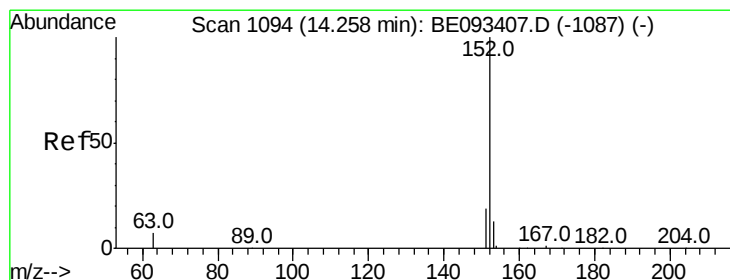
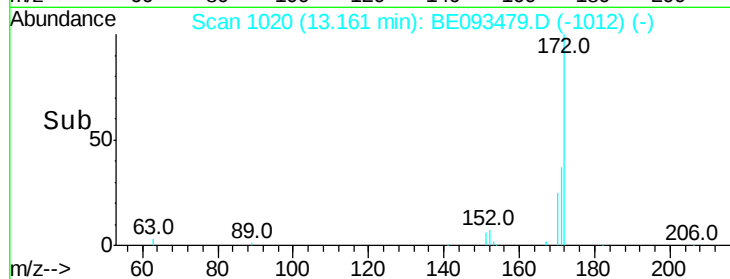
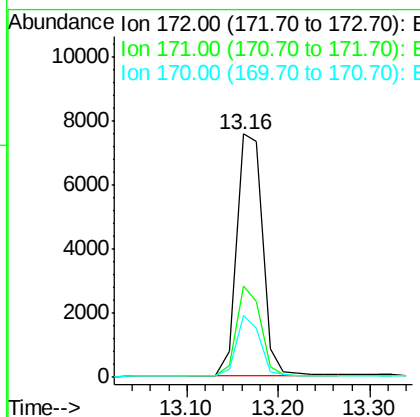
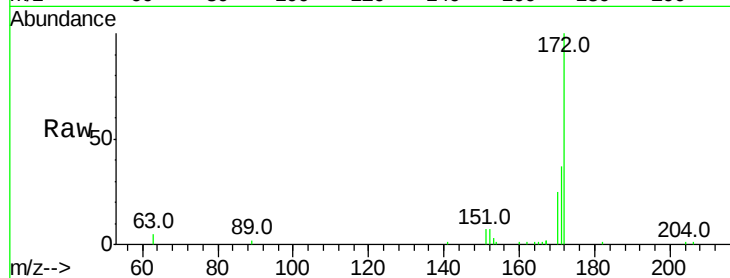
#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :
PB100678BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.4	20.7	31.1

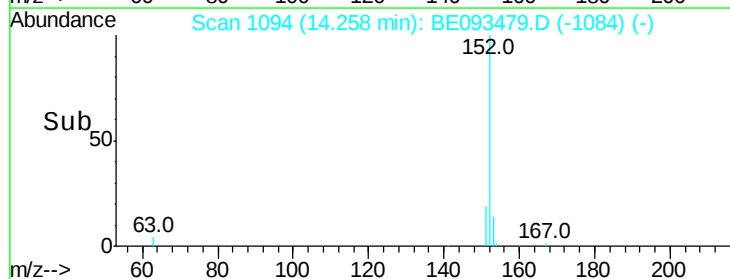
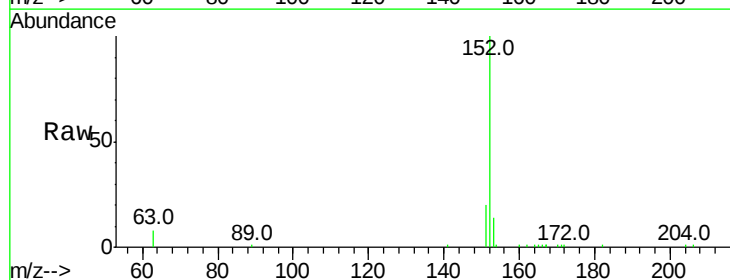
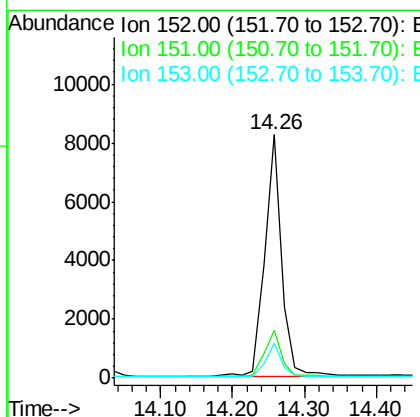
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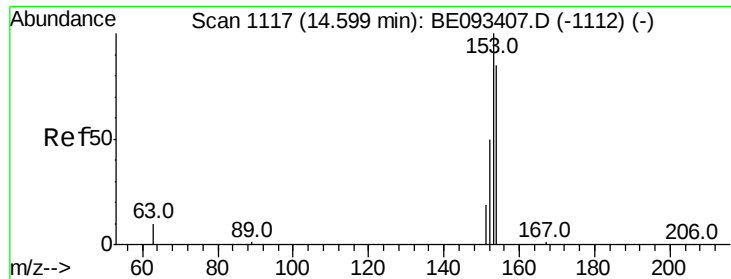
mohammad
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#16
Acenaphthylene
Concen: 0.270 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	4.0	6.0#
153	12.8	10.3	15.5





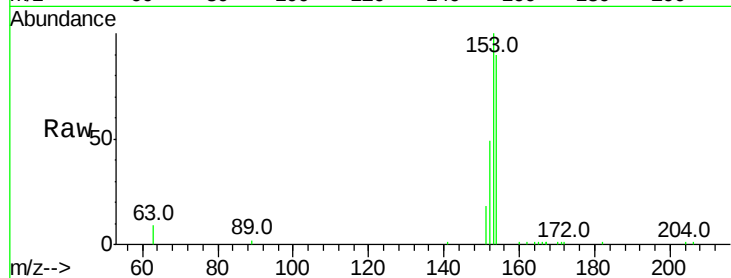
#17
Acenaphthene
Concen: 0.284 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :
PB100678BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.2	136.8
152	54.9	44.8	67.2

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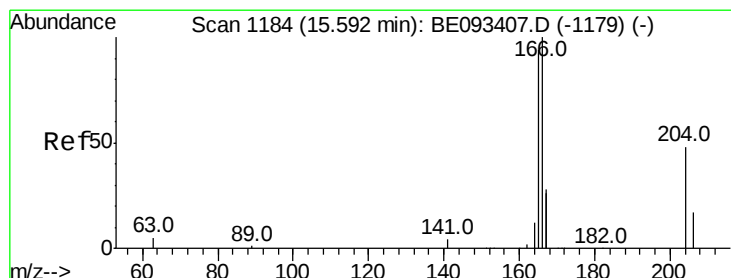
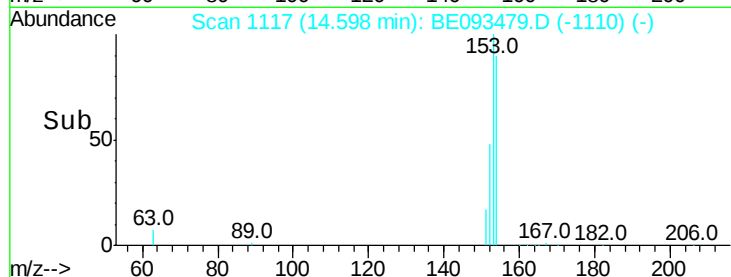
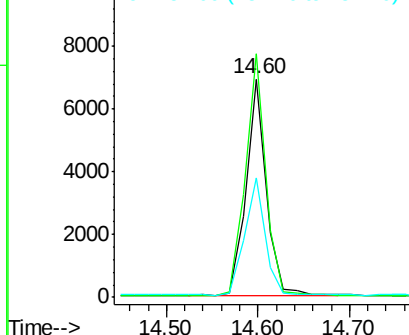


Abundance

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: 0.265 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

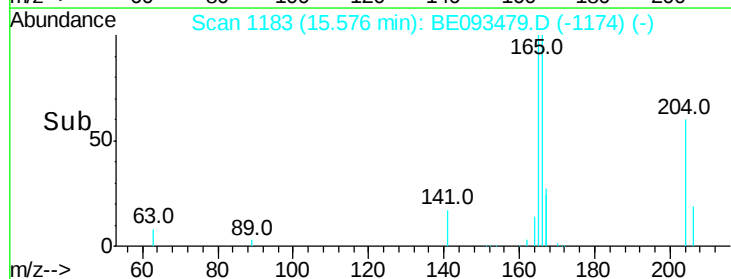
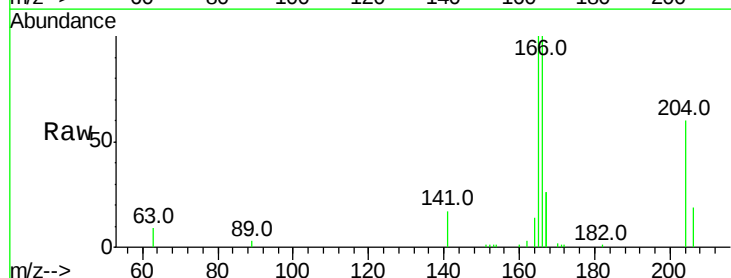
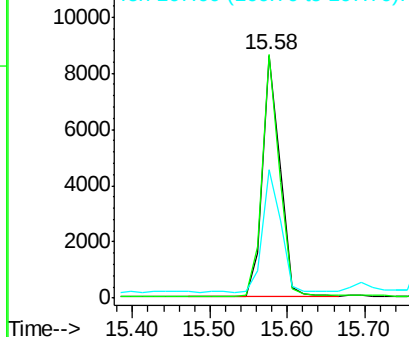
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	52.6	11.1	16.7#

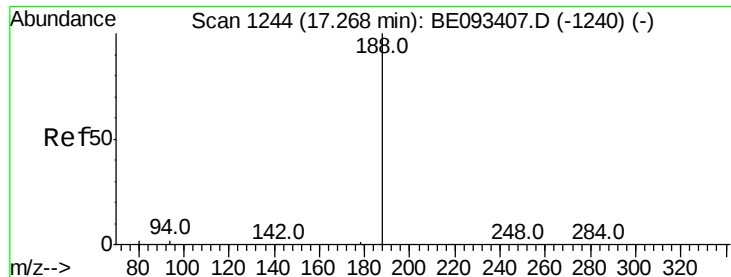
Abundance

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





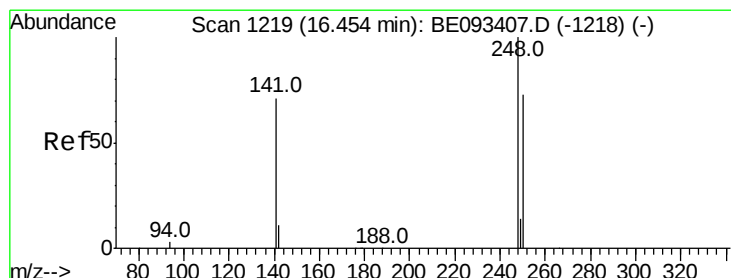
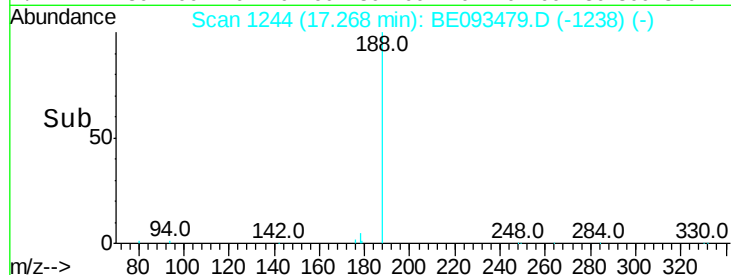
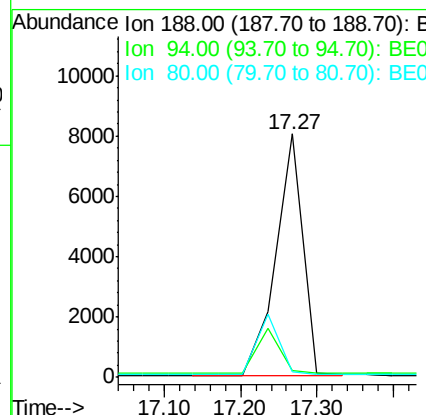
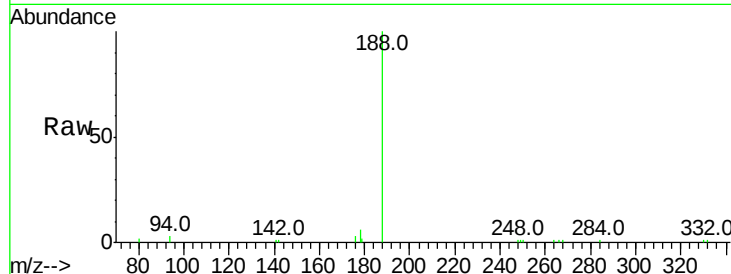
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

Instrument :
 BNA_E
 ClientSampled :
 PB100678BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	2.9	11.3	16.9#
80	2.4	11.7	17.5#

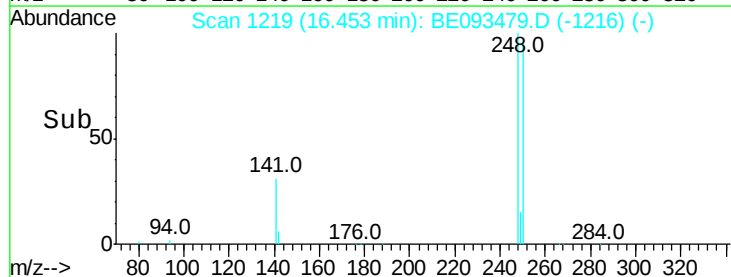
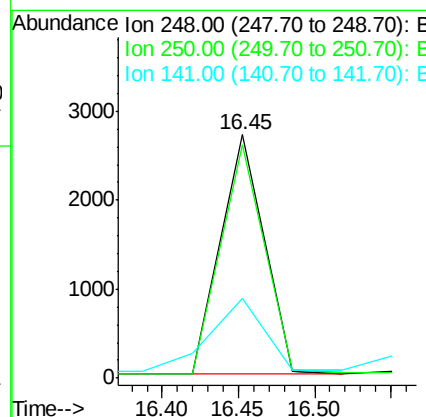
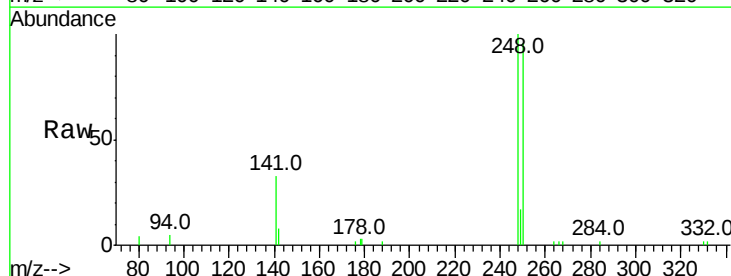
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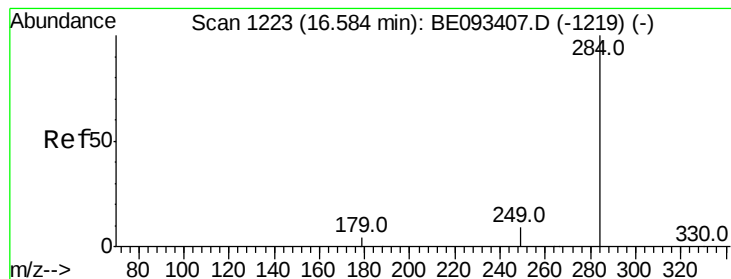
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#20
 4-Bromophenyl-phenylether
 Concen: 0.478 ng
 RT: 16.45 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BE093479.D
 Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	40.8	61.2#
141	32.8	161.6	242.4#





#21

Hexachlorobenzene

Concen: 0.392 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

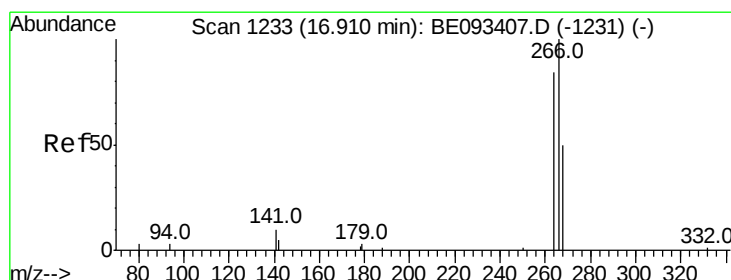
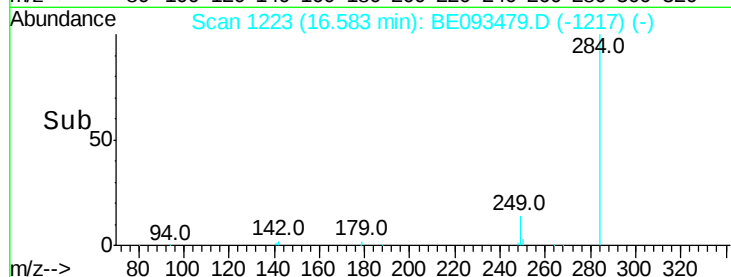
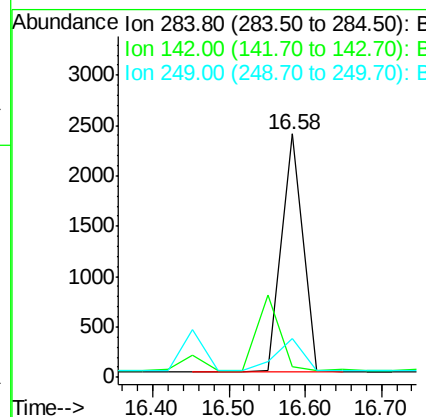
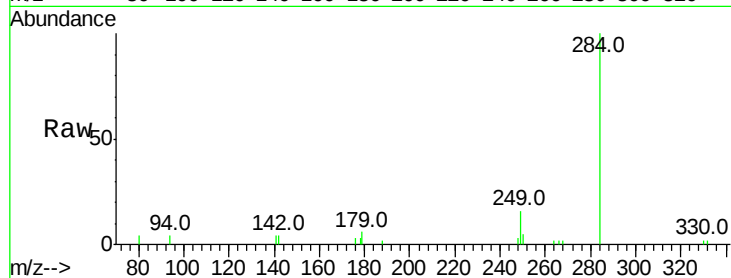
ClientSampleId :

PB100678BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	4670		
142	0.0	0.0	0.0	0.0
249	17.3	0.0	0.0	0.0

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#22

Pentachlorophenol

Concen: 1.164 ng

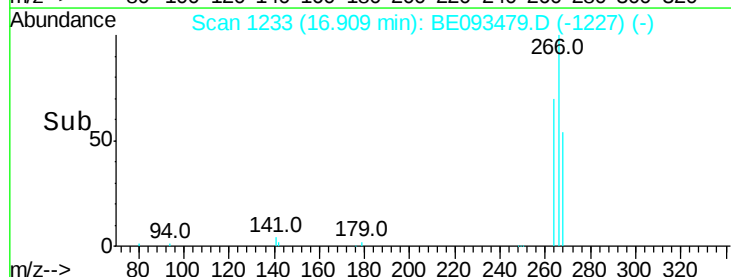
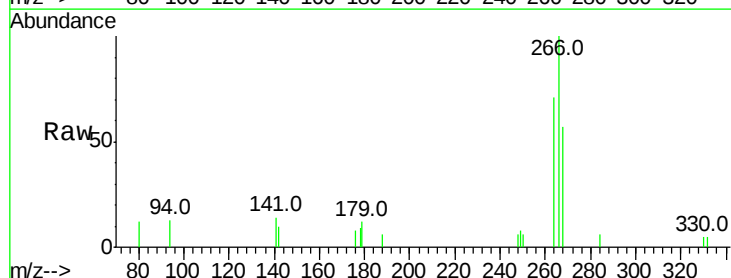
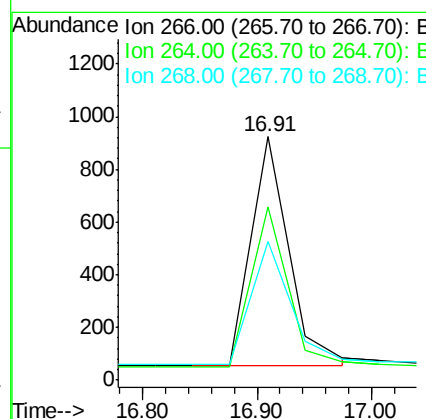
RT: 16.91 min Scan# 1233

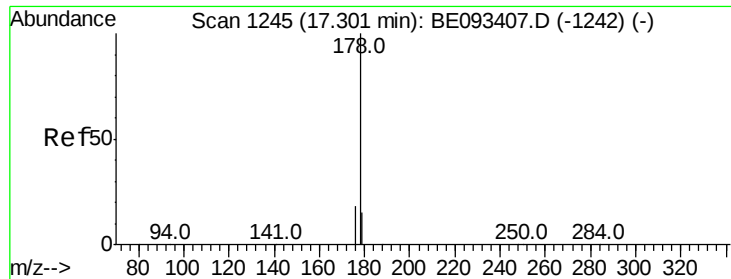
Delta R.T. -0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1981		
264	71.3	58.2	87.2	
268	57.0	71.9	107.9	





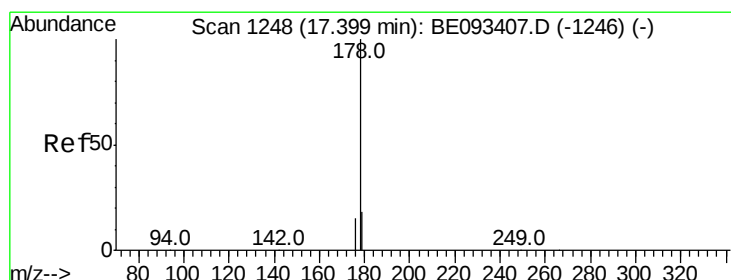
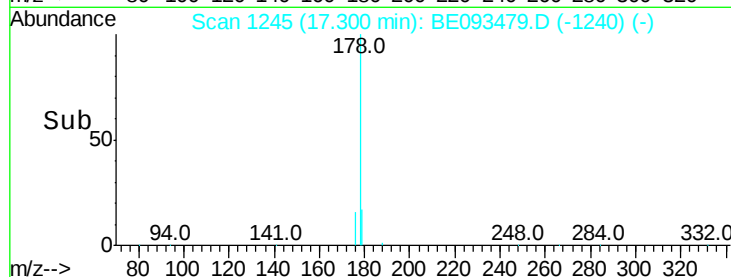
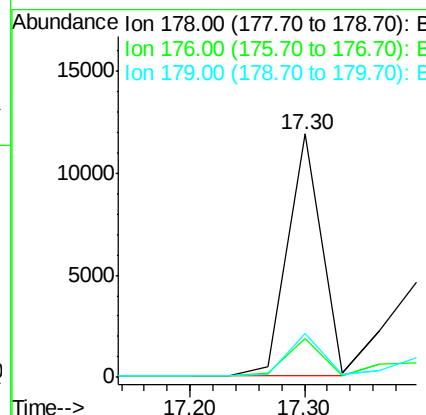
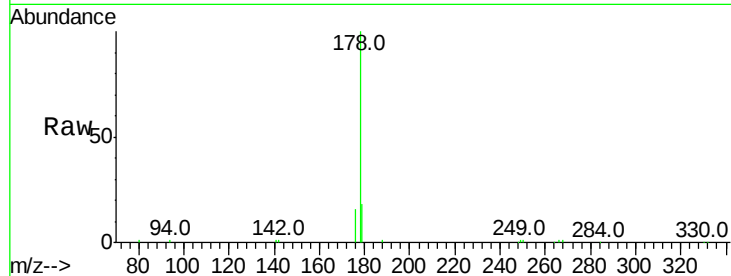
#23
Phenanthrene
Concen: 0.331 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :
PB100678BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.3	15.0	22.4
179	17.5	12.7	19.1

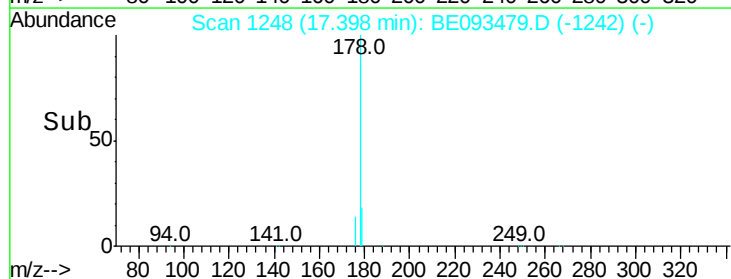
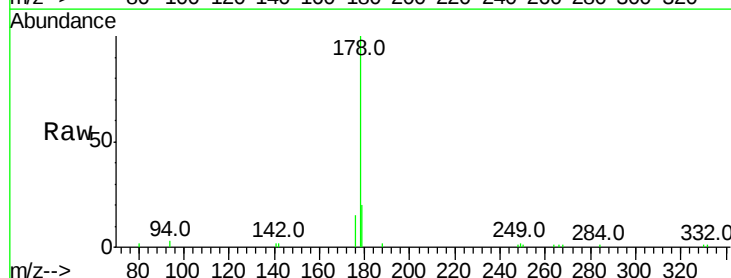
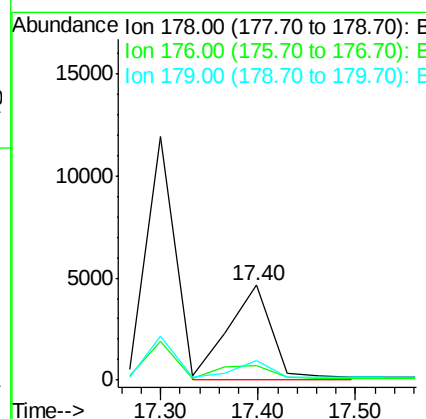
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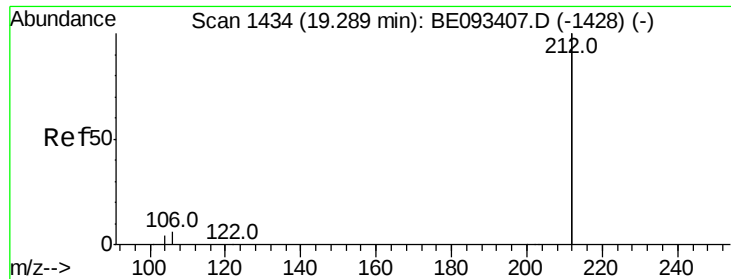
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#24
Anthracene
Concen: 0.334 ng m
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	38.9	14.6	22.0#
179	28.5	12.0	18.0#





#25

Fluoranthene-d10

Concen: 0.426 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

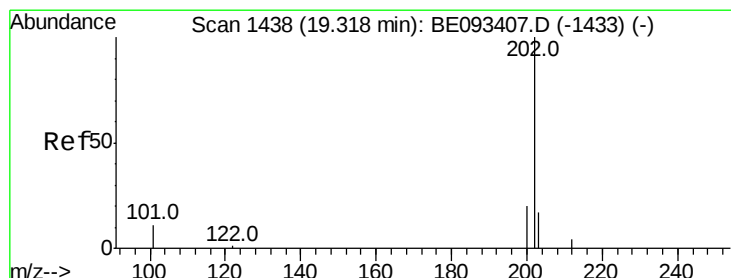
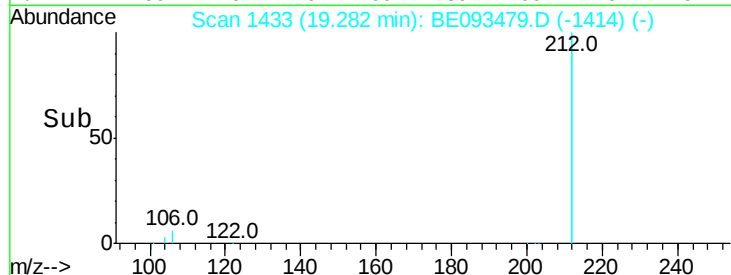
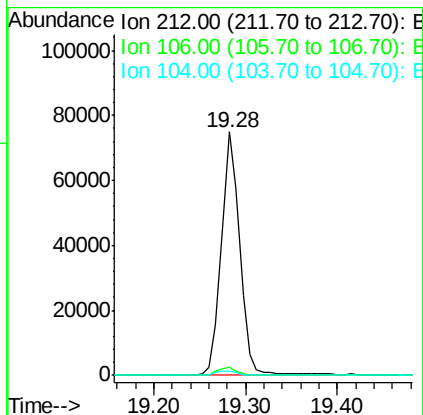
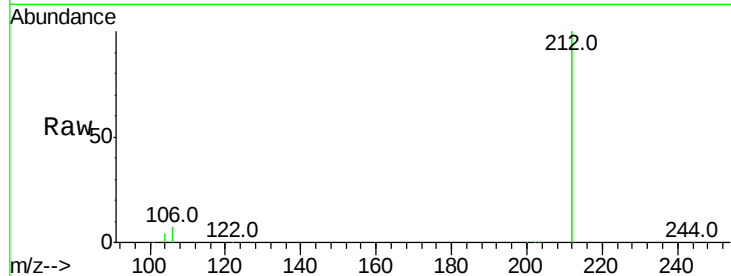
ClientSampleId :

PB100678BS

Tot Ion	Ratio	Resp	Lower	Upper
212	100	103404		
106	3.4		2.4	3.6
104	1.9		1.6	2.4

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#26

Fluoranthene

Concen: 0.435 ng

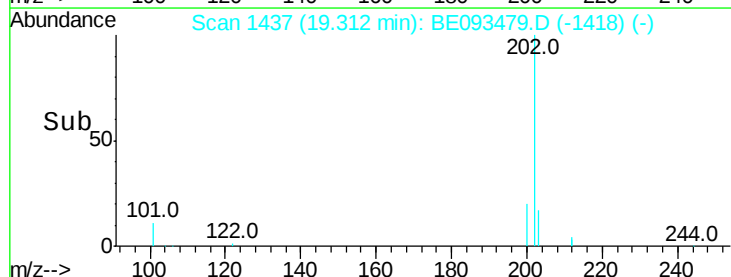
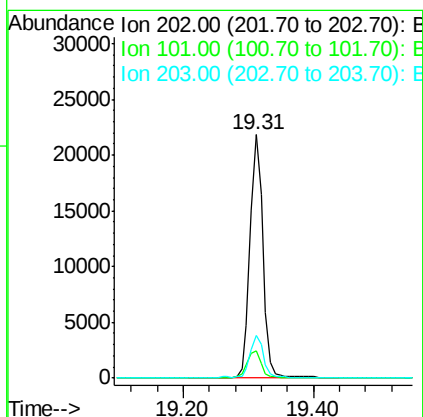
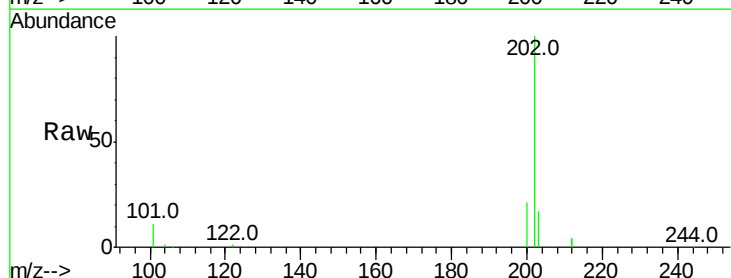
RT: 19.31 min Scan# 1437

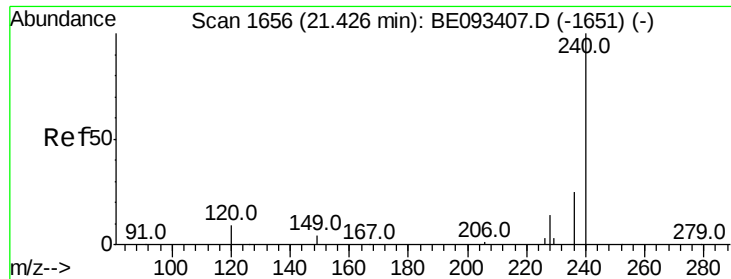
Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	29924		
101	11.7		9.6	14.4
203	17.5		14.4	21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

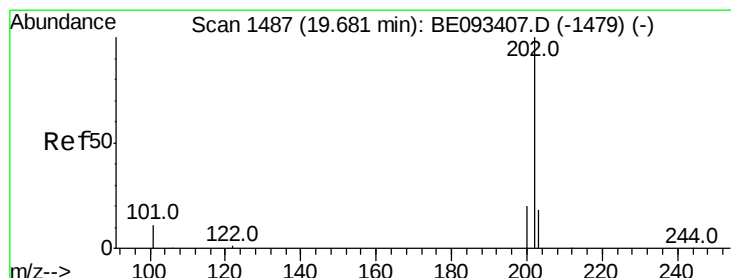
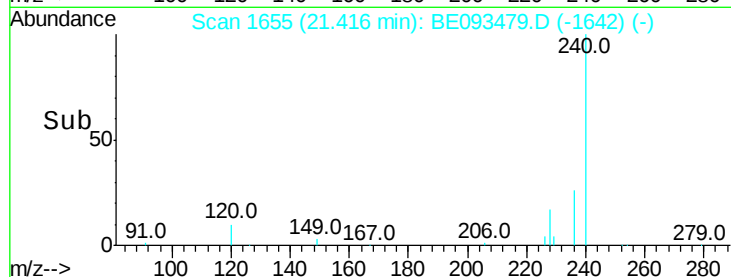
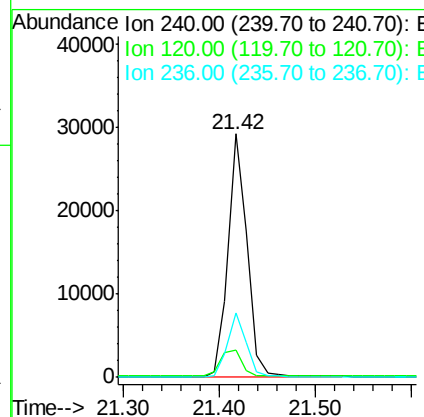
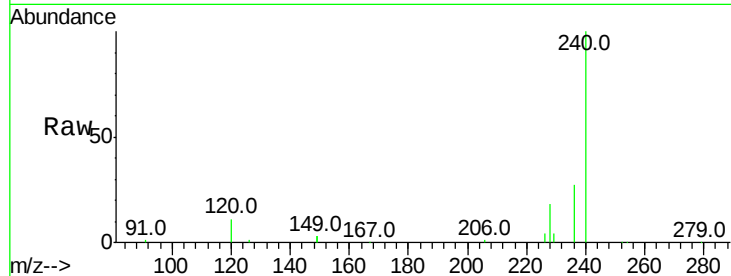
ClientSampleId :

PB100678BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.0	4.6	7.0#		
236	26.5	20.8	31.2		

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#28

Pyrene

Concen: 0.261 ng

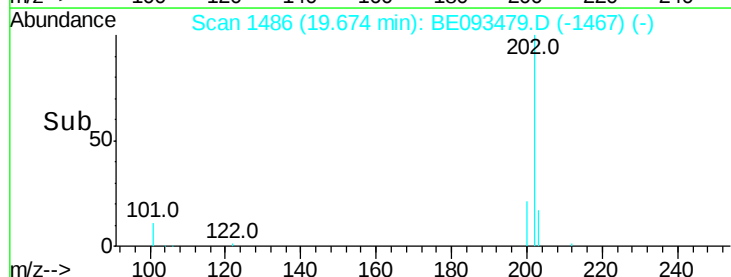
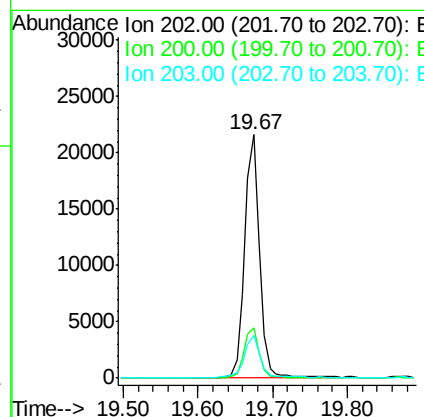
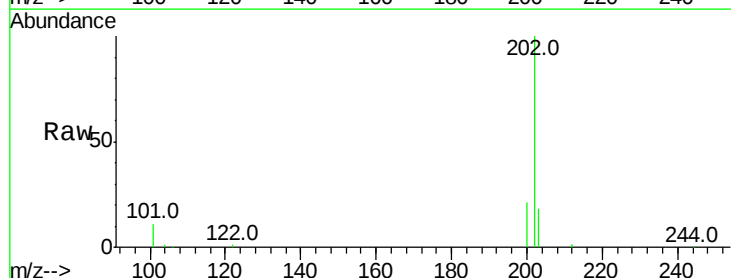
RT: 19.67 min Scan# 1486

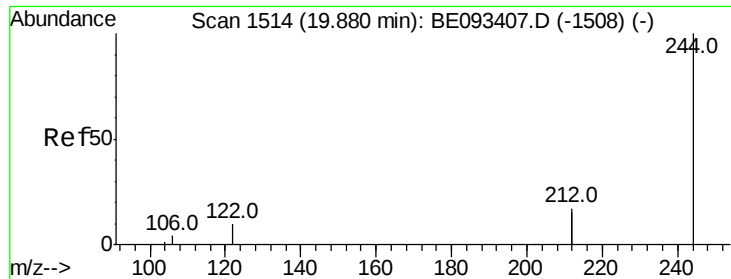
Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.8	0.0	0.0#		
203	17.8	13.7	20.5		





#29

Terphenyl-d14

Concen: 0.268 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

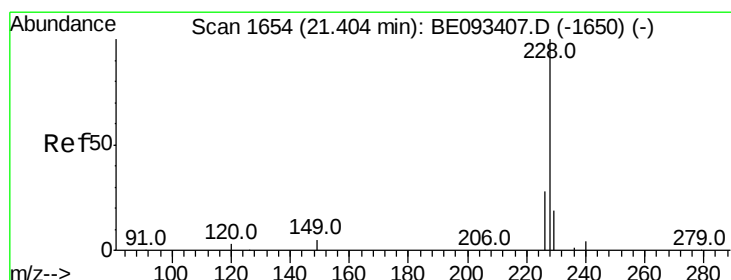
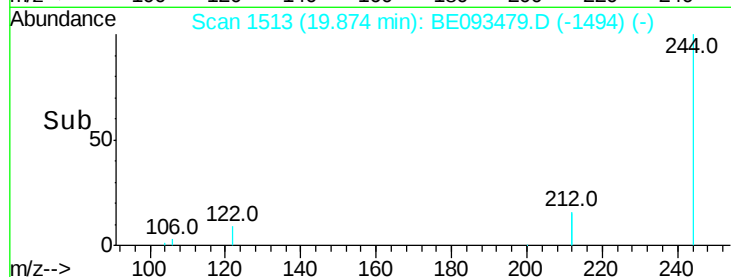
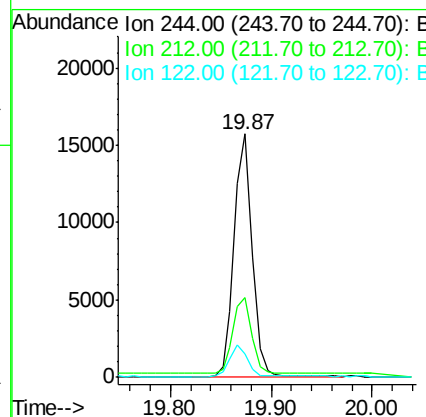
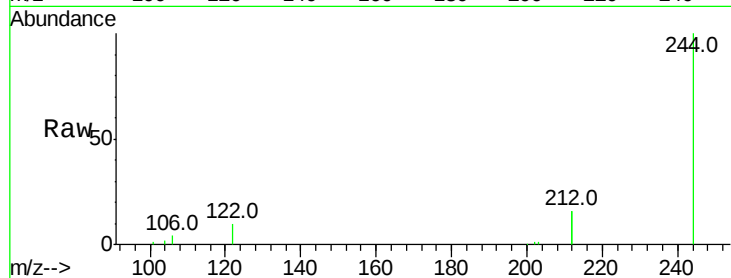
ClientSampleId :

PB100678BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	32.5	10.6	16.0
122	9.8	15.4	23.0

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#30

Benzo(a)anthracene

Concen: 0.291 ng

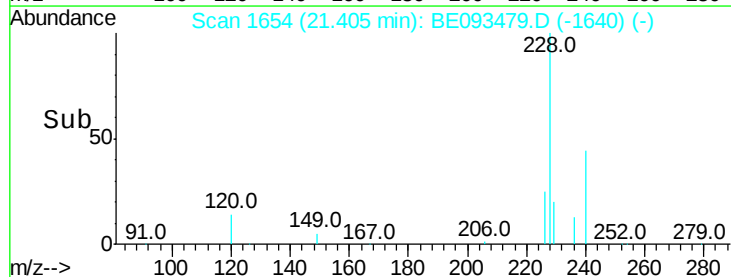
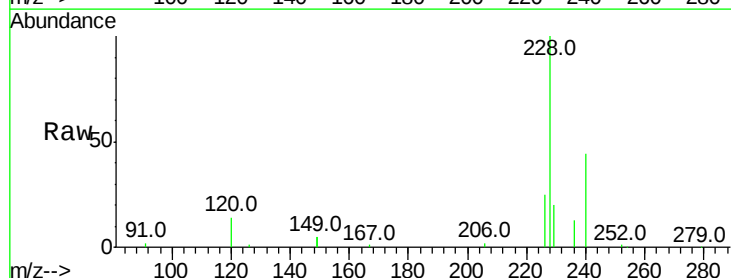
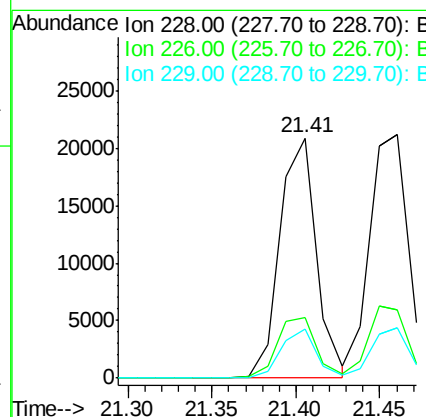
RT: 21.41 min Scan# 1654

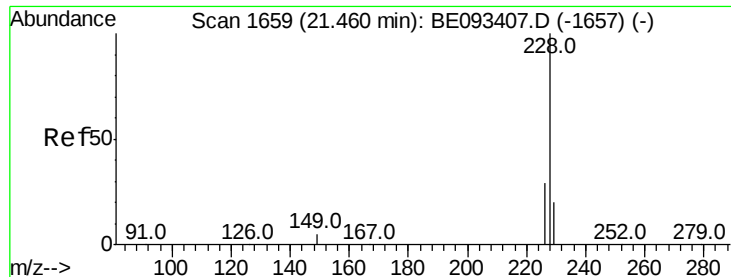
Delta R.T. 0.00 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.2	19.7	29.5
229	20.2	19.2	28.8





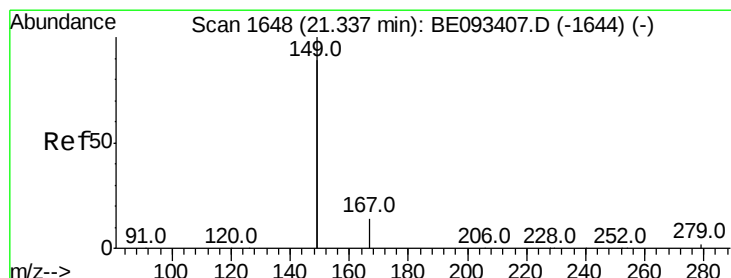
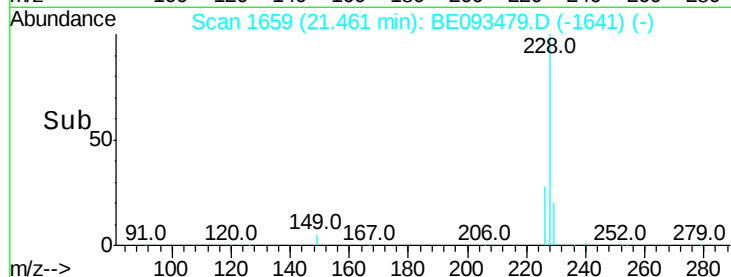
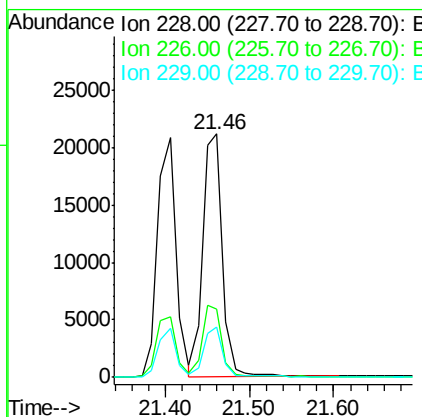
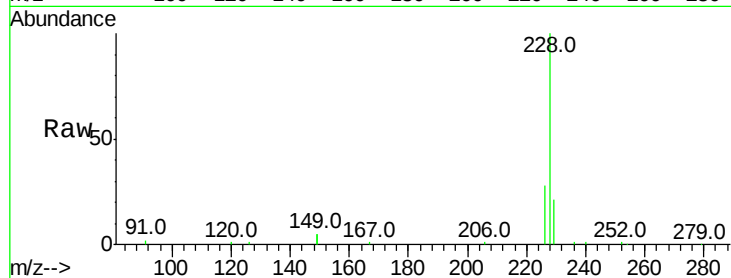
#31
Chrysene
Concen: 0.306 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :
PB100678BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.5	32.3
229	20.5	18.6	28.0

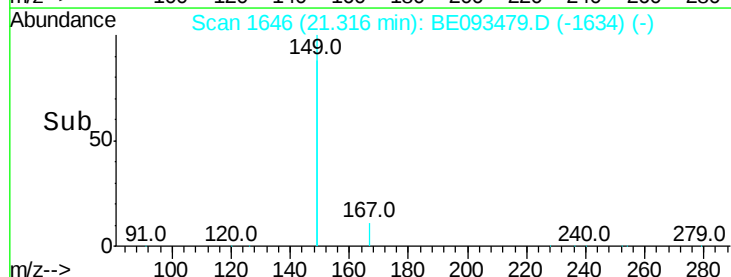
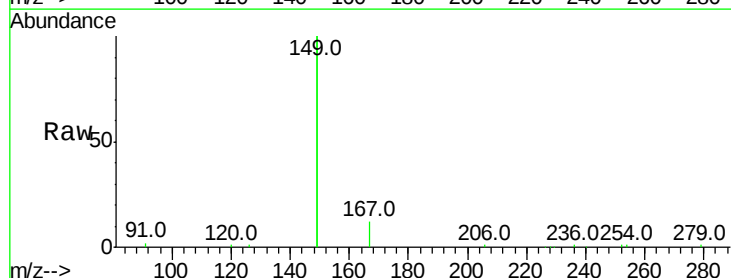
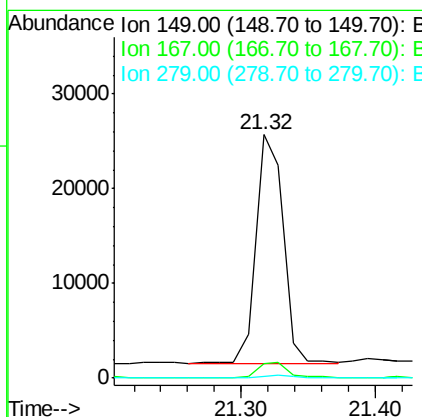
Manual Integrations
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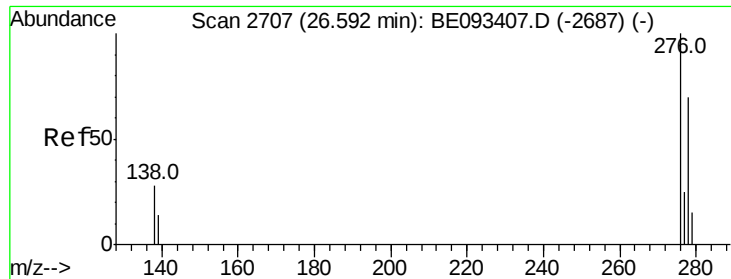
mohammad
7/20/2017 3:02:36 PM



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 21.32 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.0	2.2	3.4#





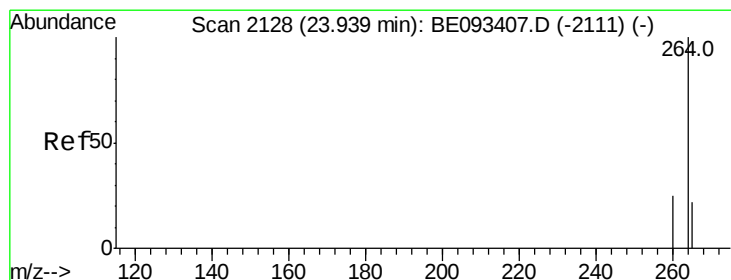
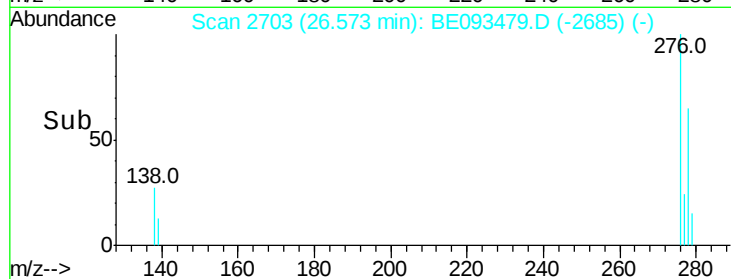
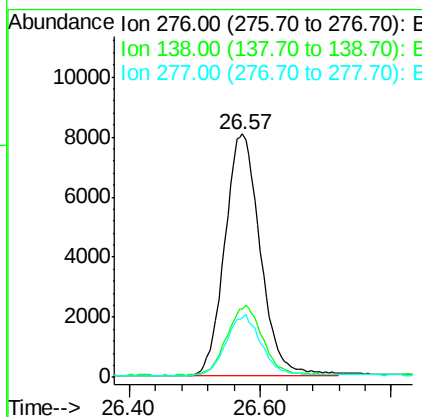
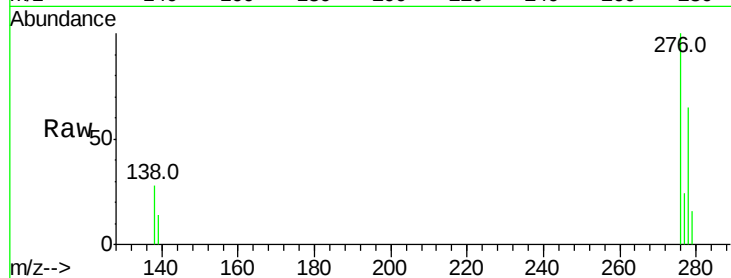
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.302 ng
RT: 26.57 min Scan# 2703
Delta R.T. -0.02 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampled :
PB100678BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.4	41.2
277	24.5	20.1	30.1

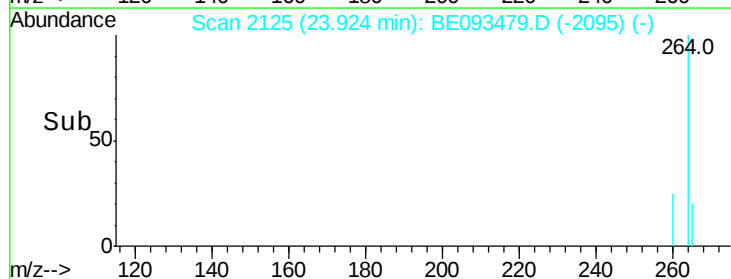
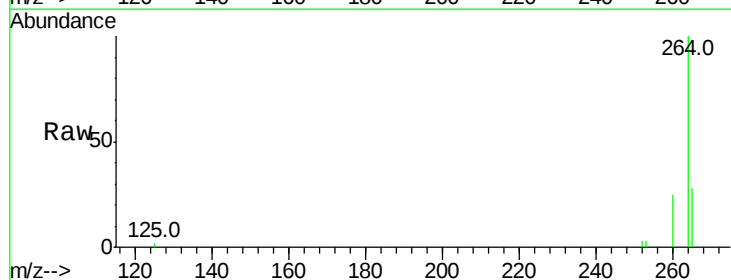
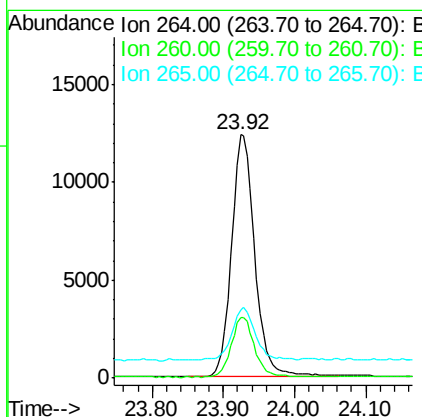
Manual Integrations
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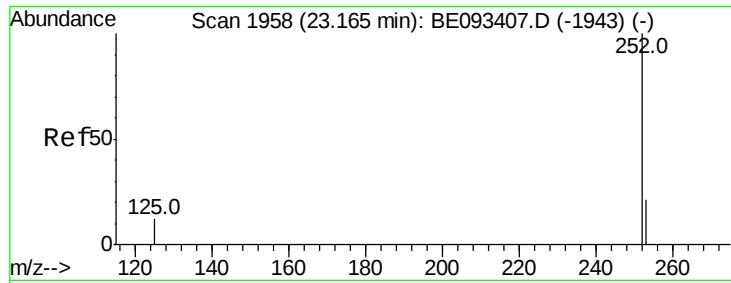
mohammad
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	28.1	24.6	36.8





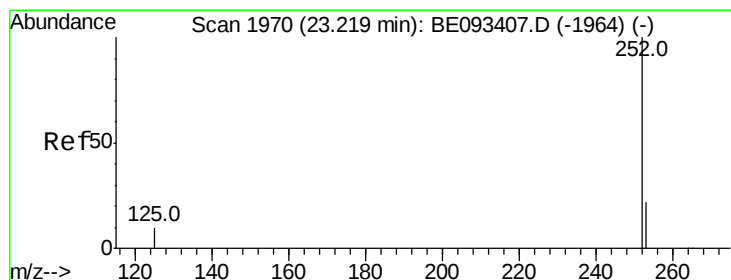
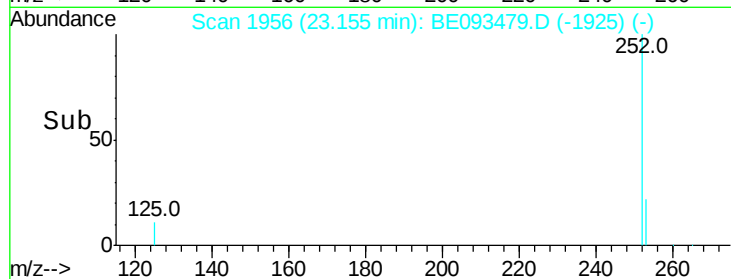
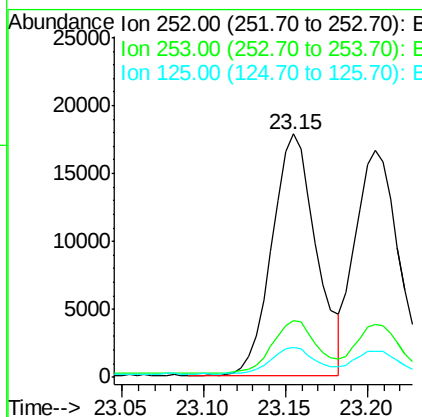
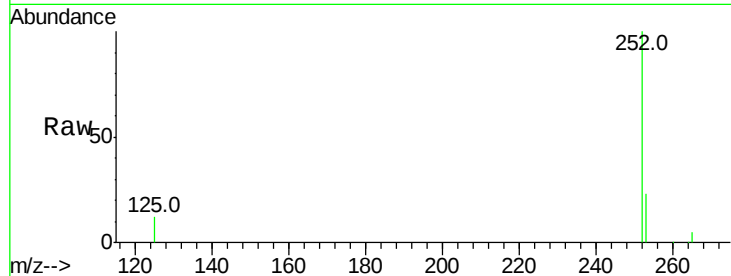
#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.15 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Instrument :
BNA_E
ClientSampleId :
PB100678BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	12.3	13.4	20.0

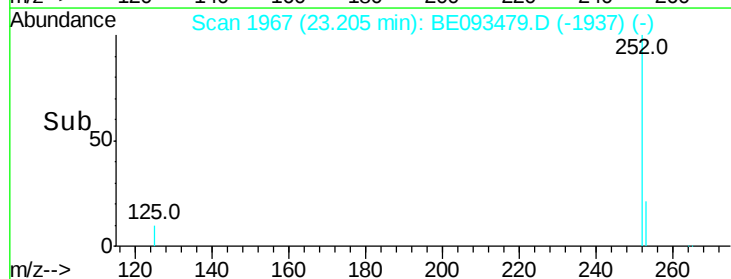
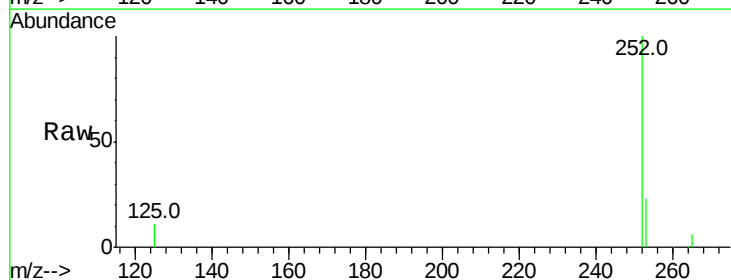
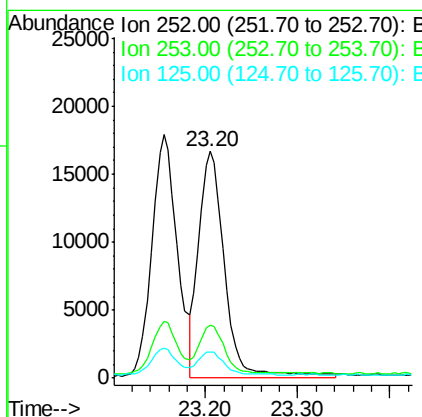
Manual Integrations
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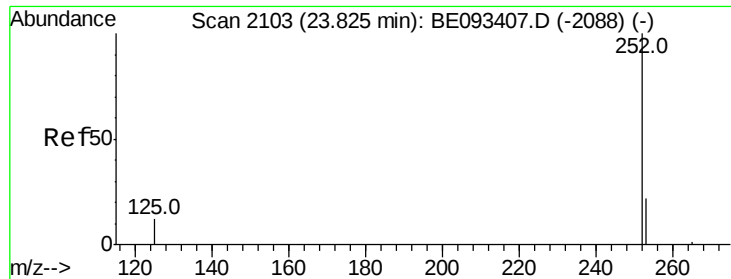
mohammad
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#36
Benzo(k)fluoranthene
Concen: 0.367 ng m
RT: 23.20 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BE093479.D
Acq: 19 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.3	30.5
125	11.5	12.2	18.4





#37

Benzo(a)pyrene

Concen: 0.303 ng

RT: 23.81 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Instrument :

BNA_E

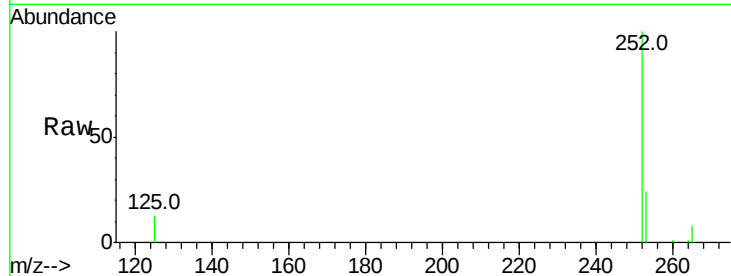
ClientSampleId :

PB100678BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.9	29.9
125	13.5	14.6	21.8

Manual Integrations
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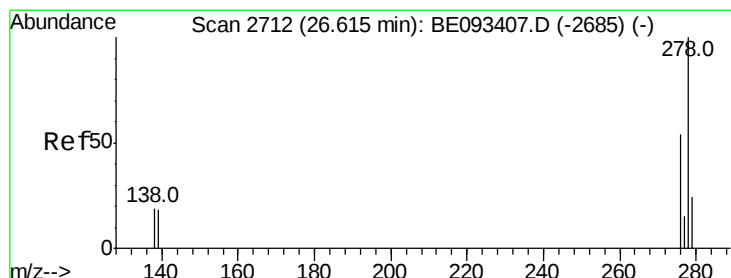
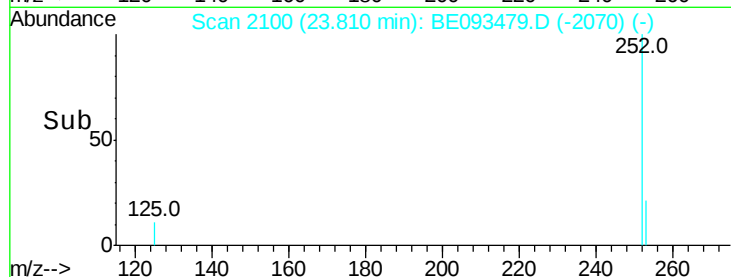
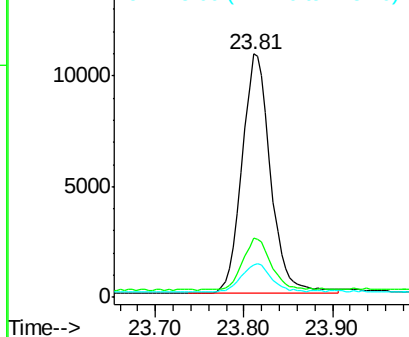


Abundance

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: 0.345 ng

RT: 26.59 min Scan# 2707

Delta R.T. -0.02 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

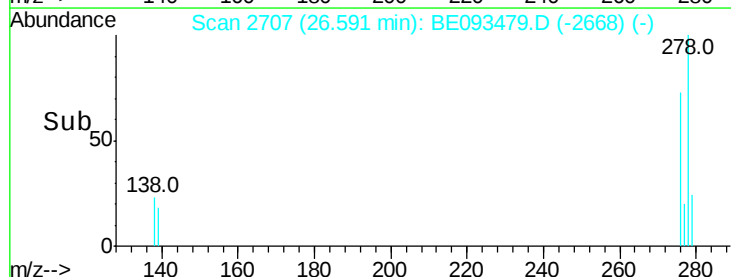
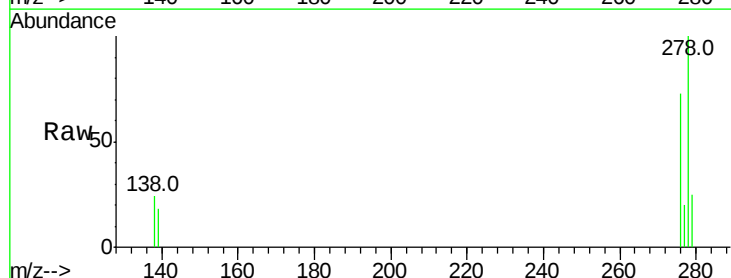
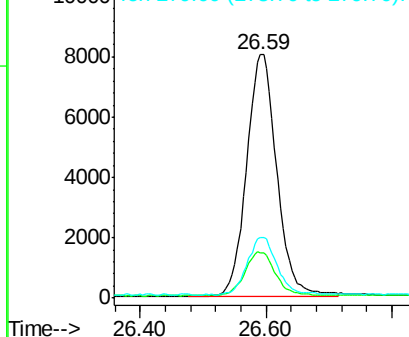
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	21.4	32.0
279	25.1	22.2	33.2

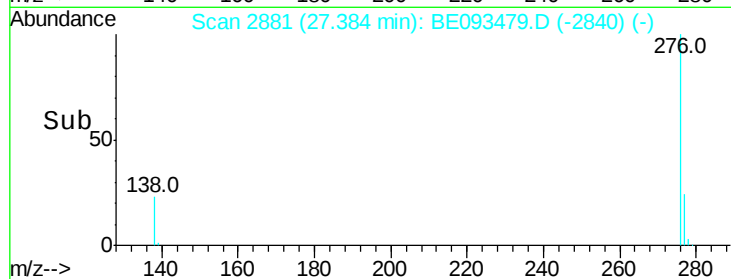
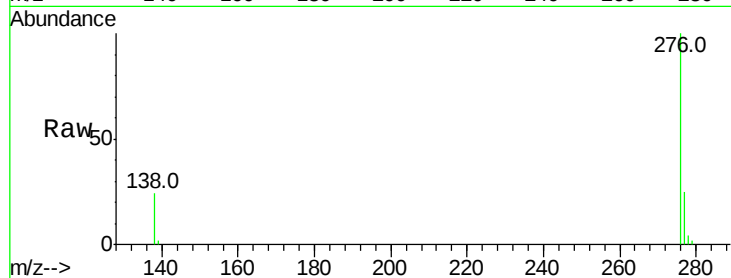
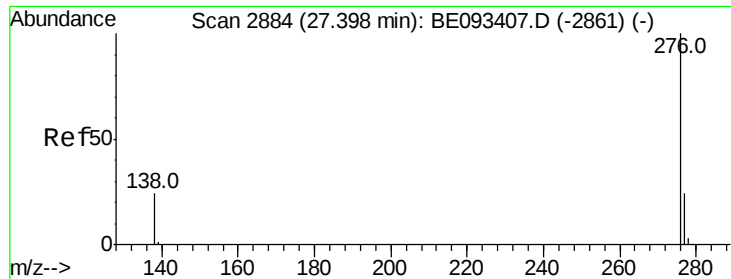
Abundance

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: 0.328 ng

RT: 27.38 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BE093479.D

Acq: 19 Jul 2017 11:39

Tot Ion:	276	Resp:	25746
Ion Ratio	Lower	Upper	
276	100		
277	24.9	21.2	31.8
138	24.5	24.5	36.7

Instrument :

BNA_E

ClientSampleId :

PB100678BS

Manual Integrations
APPROVED

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