

Data Path : Z:\HPCHEM1\BNA_E\Data\BE070117\
 Data File : BE093394.D
 Acq On : 1 Jul 2017 16:03
 Operator : SJ/JU
 Sample : PB100316BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB100316BS

Manual Integrations
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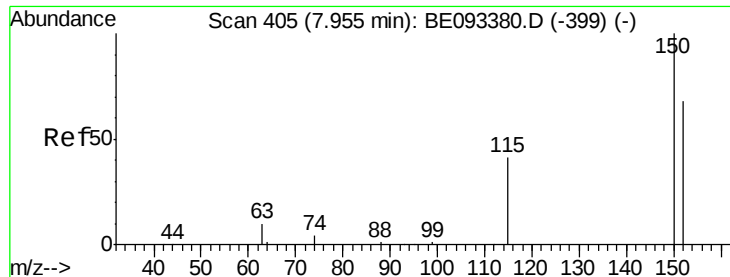
Quant Time: Jul 03 16:58:42 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 15:43:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4072	0.40	ng	-0.01
7) Naphthalene-d8	10.74	136	17934	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8407	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	21925	0.40	ng	0.00
27) Chrysene-d12	21.43	240	22154	0.40	ng	-0.01
34) Perylene-d12	23.94	264	22022	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	4204	0.33	ng	0.00
5) Phenol-d6	7.10	99	5685	0.30	ng	0.00
8) Nitrobenzene-d5	9.08	82	3531	0.33	ng	-0.02
11) 2-Methylnaphthalene-d10	12.31	152	8111	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	692m	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	11765	0.36	ng	0.00
25) Fluoranthene-d10	19.29	212	64933	0.32	ng	0.00
29) Terphenyl-d14	19.88	244	13668	0.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	2451m	0.292	ng	
3) n-Nitrosodimethylamine	3.77	42	1617	0.380	ng	# 77
6) bis(2-Chloroethyl)ether	7.37	93	4412	0.330	ng	# 99
9) Naphthalene	10.77	128	58906	0.316	ng	# 73
10) Hexachlorobutadiene	11.07	225	2433	0.324	ng	97
12) 2-Methylnaphthalene	12.38	142	9380	0.295	ng	98
16) Acenaphthylene	14.26	152	11340	0.310	ng	# 88
17) Acenaphthene	14.60	154	8463	0.329	ng	98
18) Fluorene	15.59	166	10114	0.286	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	3551	0.667	ng	# 37
21) Hexachlorobenzene	16.58	284	4406	0.525	ng	# 100
22) Pentachlorophenol	16.91	266	839	0.888	ng	# 77
23) Phenanthrene	17.30	178	23459	0.442	ng	99
24) Anthracene	17.40	178	15137	0.284	ng	94
26) Fluoranthene	19.32	202	19004	0.331	ng	99
28) Pyrene	19.68	202	18814	0.322	ng	# 97
30) Benzo(a)anthracene	21.40	228	19676	0.326	ng	92
31) Chrysene	21.46	228	20359	0.323	ng	92
32) Bis(2-ethylhexyl)phthalate	21.34	149	20845	0.233	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.59	276	29062	0.472	ng	# 90
35) Benzo(b)fluoranthene	23.16	252	22142	0.320	ng	# 94
36) Benzo(k)fluoranthene	23.22	252	22124	0.319	ng	# 95
37) Benzo(a)pyrene	23.83	252	20106	0.327	ng	# 95
38) Dibenzo(a,h)anthracene	26.61	278	24859	0.397	ng	# 88
39) Benzo(g,h,i)perylene	27.40	276	25908	0.406	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.01 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Instrument :

BNA_E

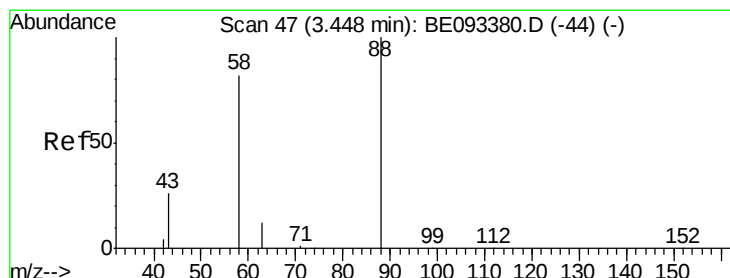
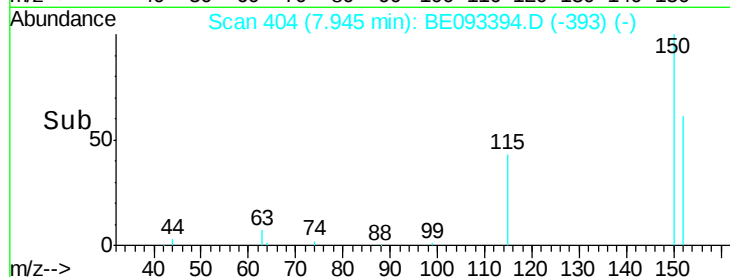
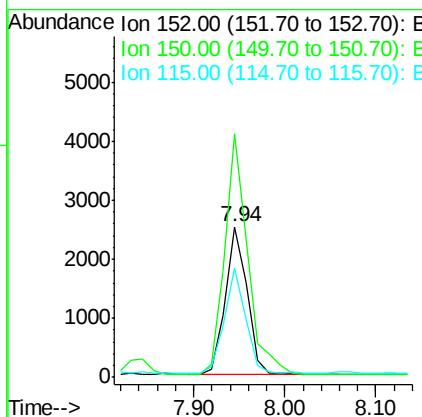
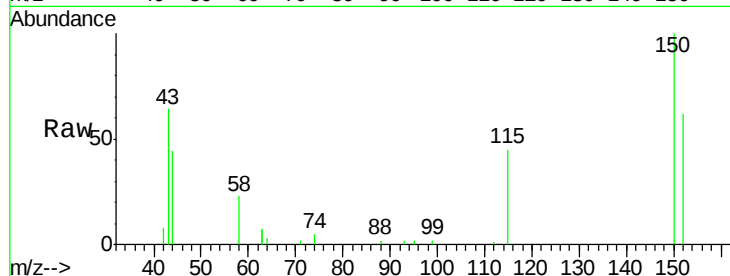
ClientSampled :

PB100316BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.1	125.1	187.7
115	72.7	55.7	83.5

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#2

1,4-Dioxane

Concen: 0.292 ng m

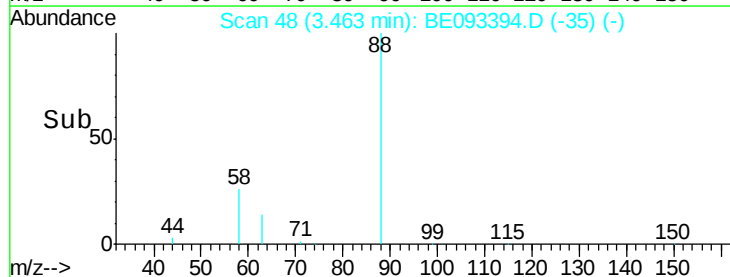
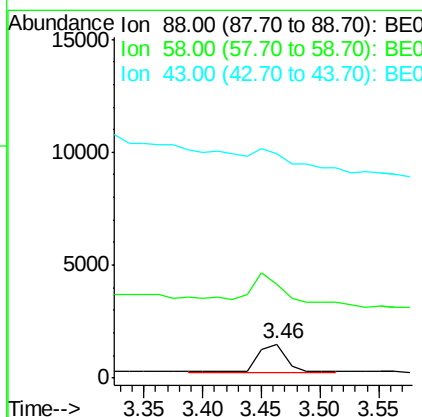
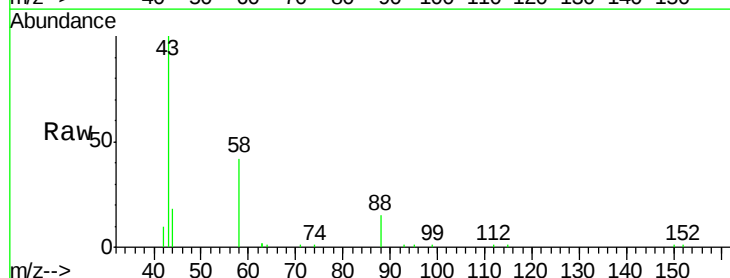
RT: 3.46 min Scan# 48

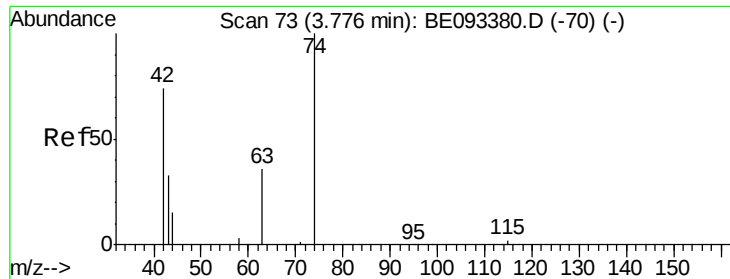
Delta R.T. 0.01 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	128.0	62.2	93.4#
43	0.0	23.2	34.8#





#3

n-Nitrosodimethylamine

Concen: 0.380 ng

RT: 3.77 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Instrument :

BNA_E

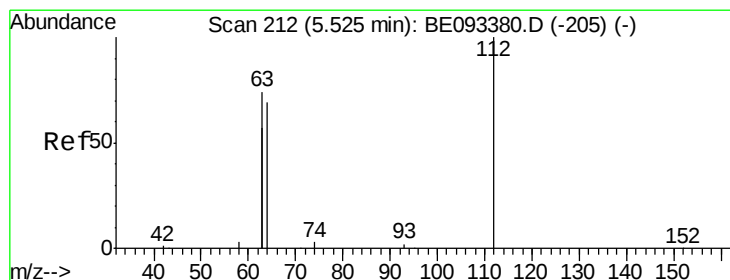
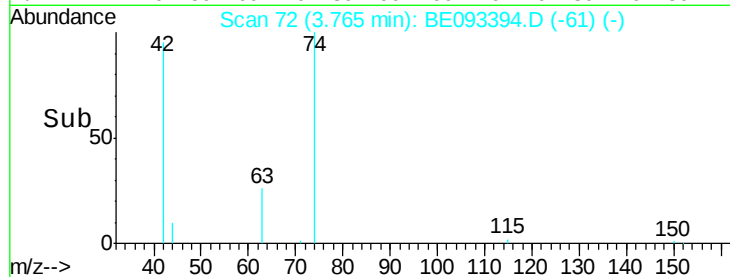
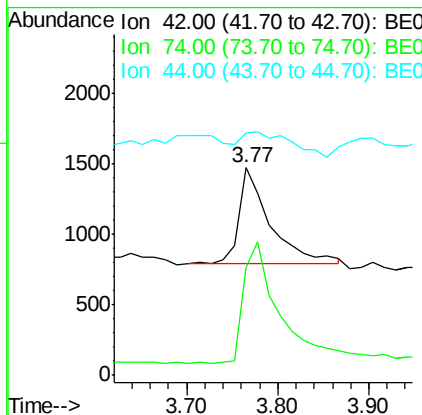
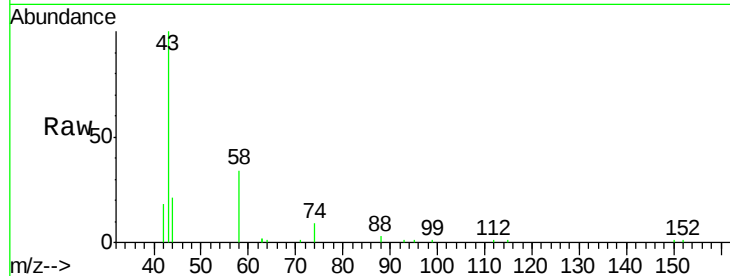
ClientSampleId :

PB100316BS

Tgt Ion:	42	Resp:	1617
Ion	Ratio	Lower	Upper
42	100		
74	144.3	99.1	148.7
44	40.1	7.4	11.2#

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#4

2-Fluorophenol

Concen: 0.331 ng

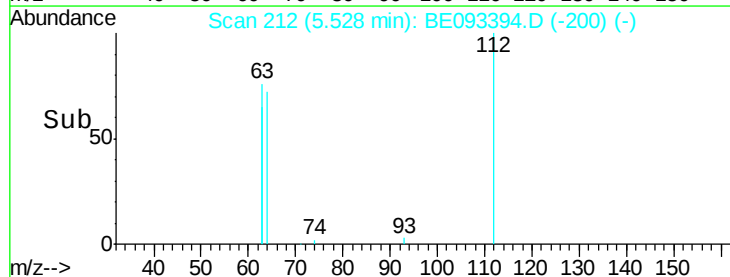
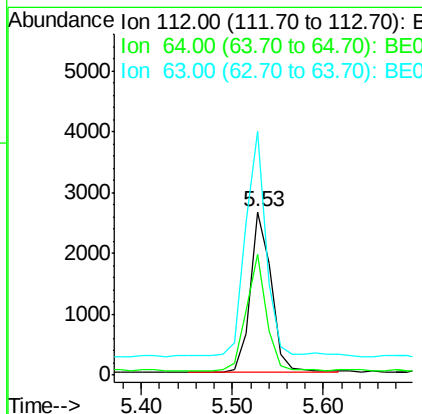
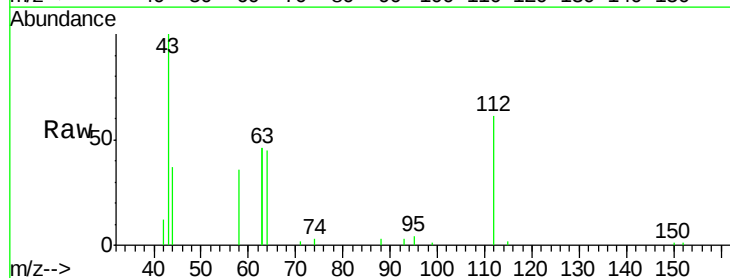
RT: 5.53 min Scan# 212

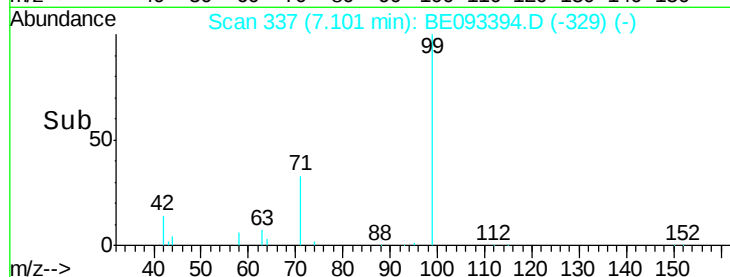
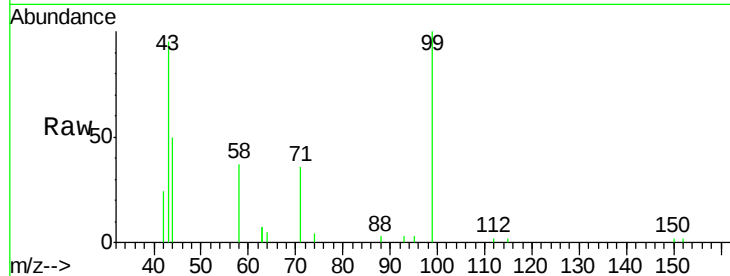
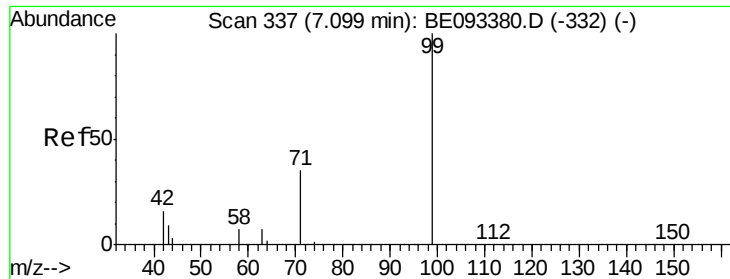
Delta R.T. 0.00 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Tgt Ion:	112	Resp:	4204
Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.4	84.6
63	135.6	29.3	43.9#





#5

Phenol-d6

Concen: 0.300 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Tgt Ion:	99	Resp:	5685
Ion Ratio	Lower	Upper	
99	100		
42	23.2	0.0	0.0#
71	37.7	0.0	0.0#

Instrument :

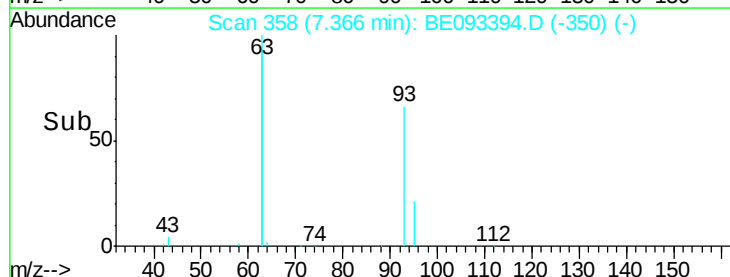
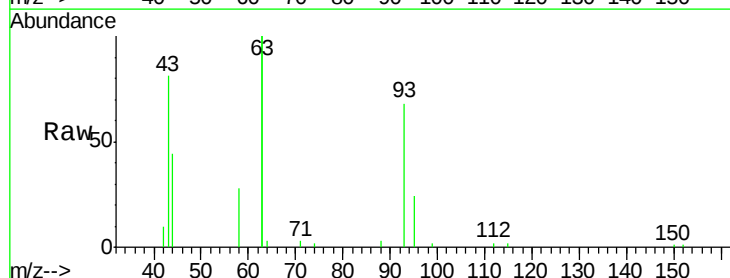
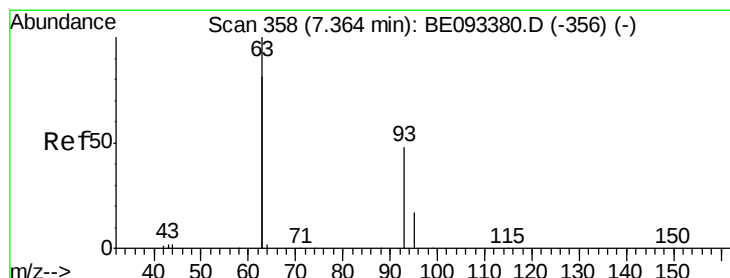
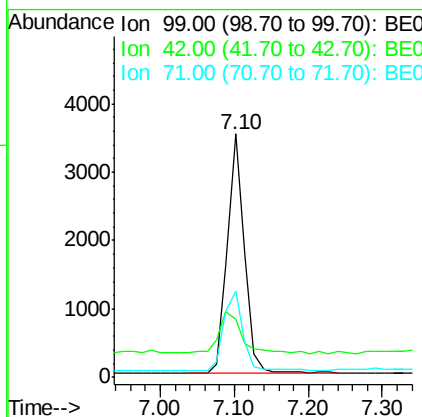
BNA_E

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#6

bis(2-Chloroethyl)ether

Concen: 0.330 ng

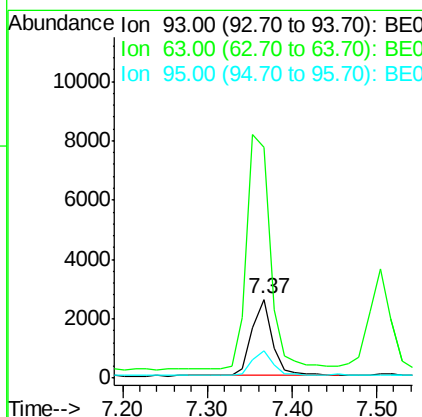
RT: 7.37 min Scan# 358

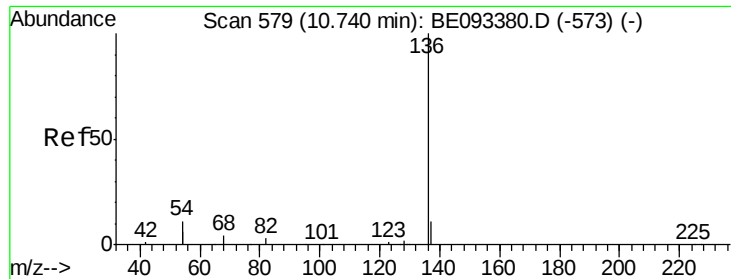
Delta R.T. 0.00 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Tgt Ion:	93	Resp:	4412
Ion Ratio	Lower	Upper	
93	100		
63	349.6	0.0	0.0#
95	32.3	25.4	38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Instrument :

BNA_E

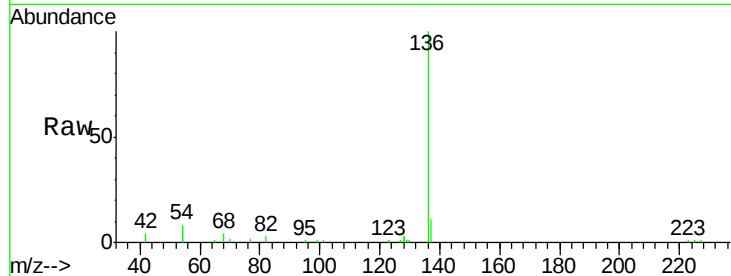
ClientSampled :

PB100316BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	17934		
137	11.1	9.8	14.8	
54	16.6	10.3	15.5	
68	3.6	9.0	13.4	

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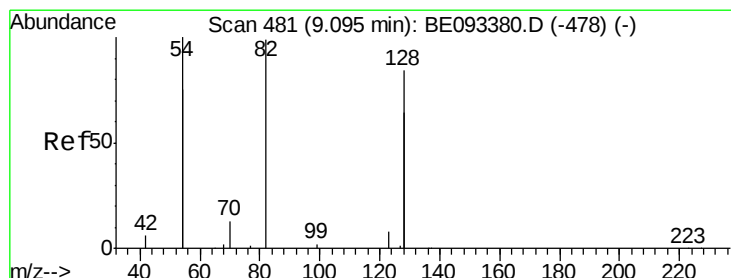
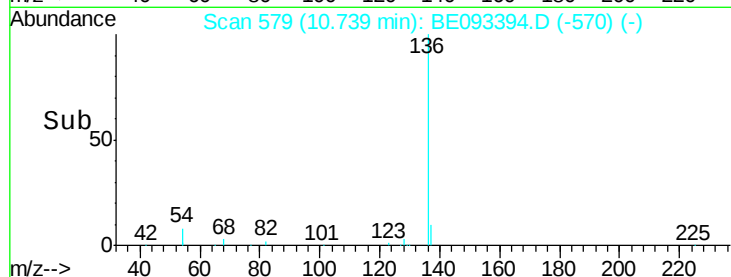
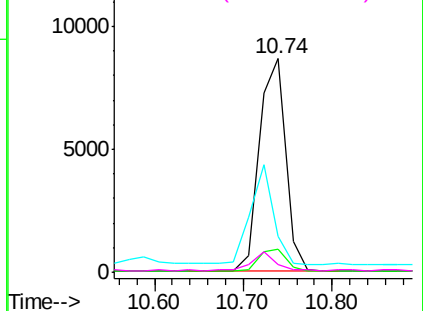


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.330 ng

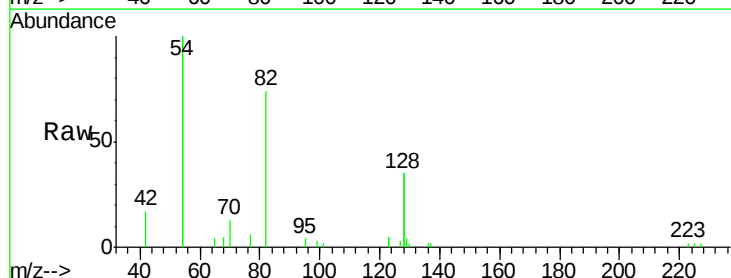
RT: 9.08 min Scan# 480

Delta R.T. -0.02 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

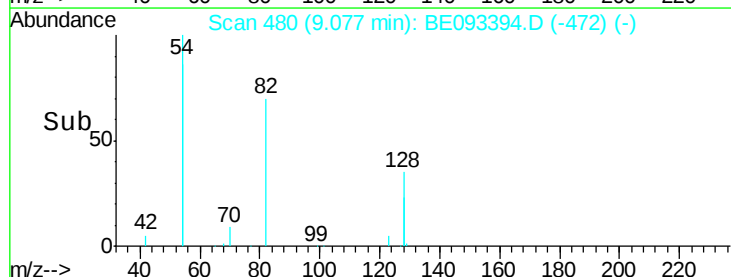
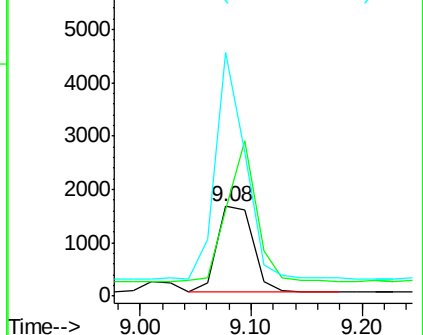
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	3531		
128	95.8	17.0	25.4	
54	270.7	53.8	80.6	

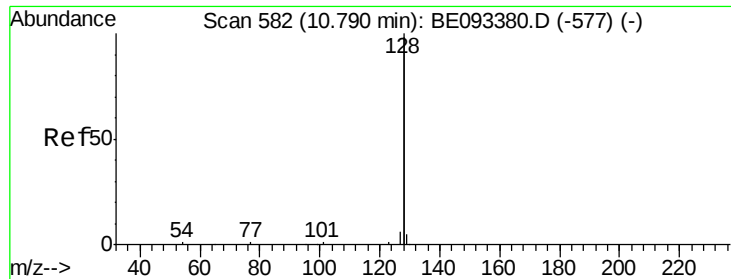


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





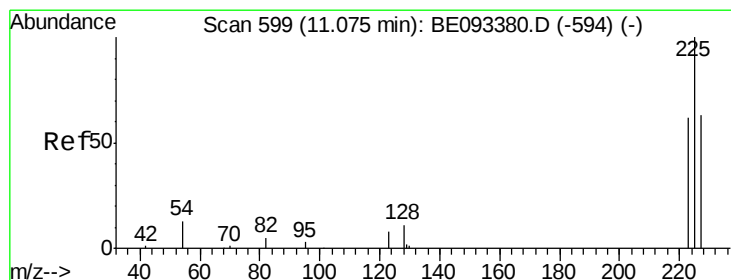
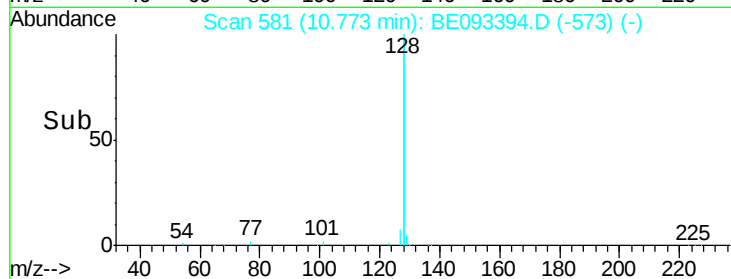
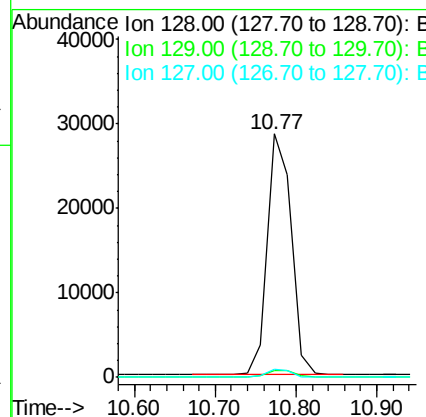
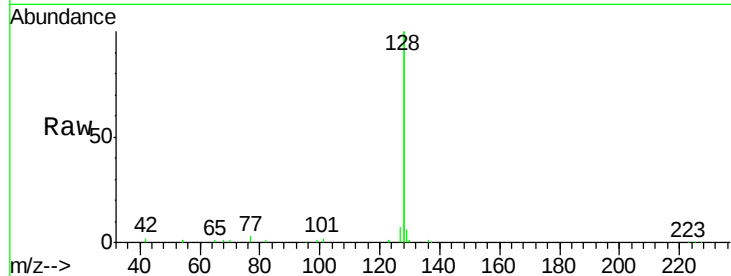
#9
Naphthalene
Concen: 0.316 ng
RT: 10.77 min Scan# 581
Delta R.T. -0.02 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Instrument :
BNA_E
ClientSampleId :
PB100316BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	2.8	11.4	17.0#
127	3.6	11.2	16.8#

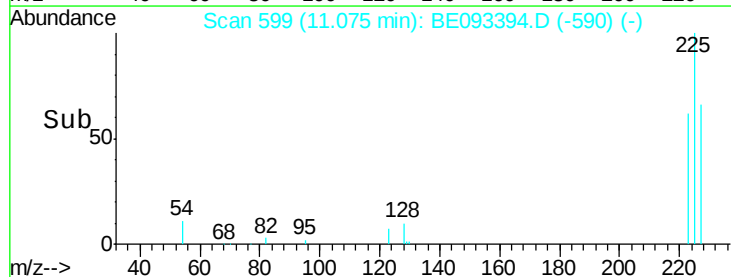
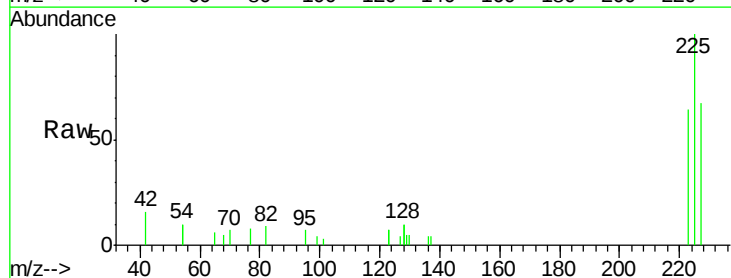
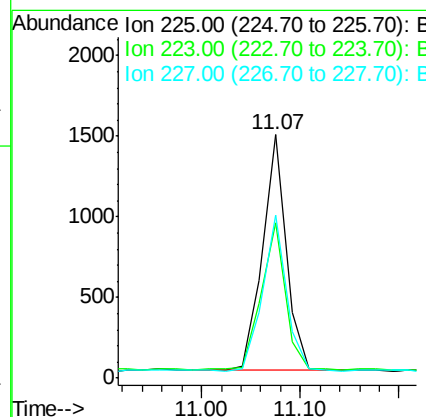
Manual Integrations
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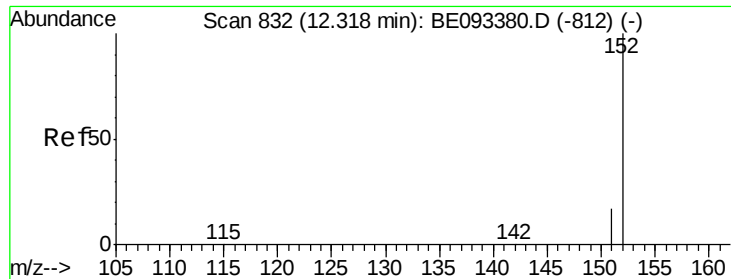
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#10
Hexachlorobutadiene
Concen: 0.324 ng
RT: 11.07 min Scan# 599
Delta R.T. -0.00 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	66.0	50.3	75.5





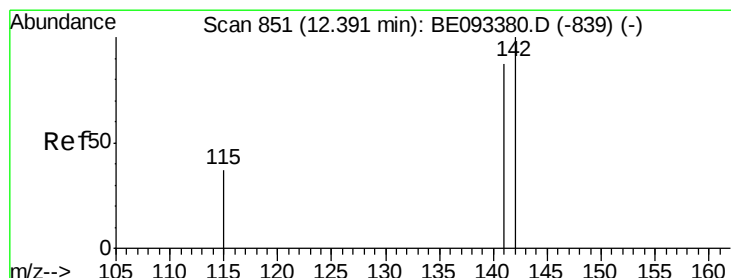
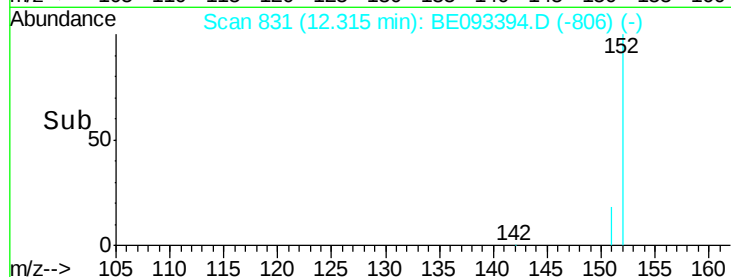
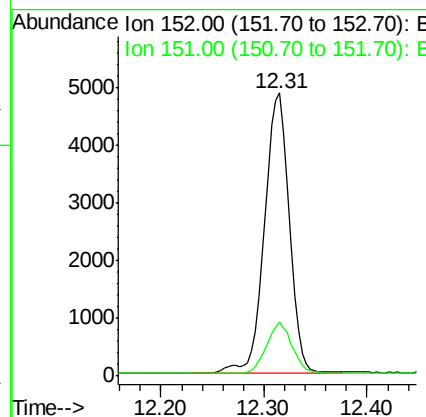
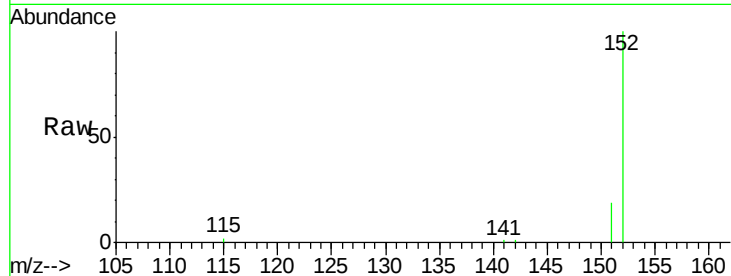
#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 12.31 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Instrument :
BNA_E
ClientSampleId :
PB100316BS

Tgt Ion:152 Resp: 8111
Ion Ratio Lower Upper
152 100
151 18.5 15.1 22.7

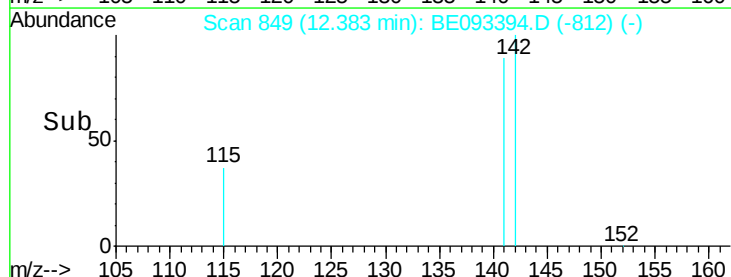
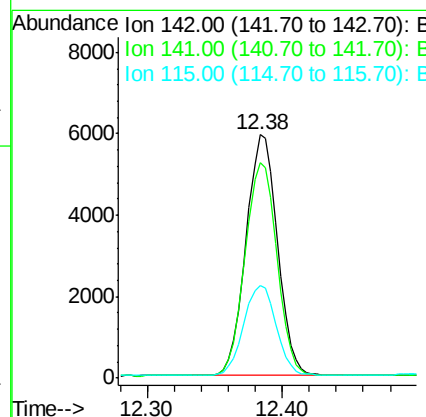
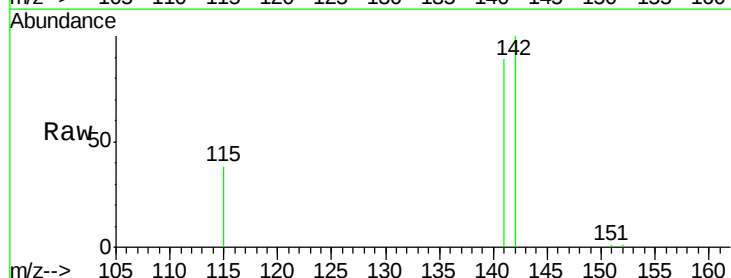
Manual Integrations
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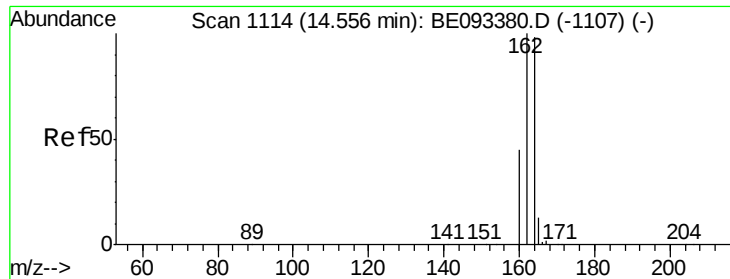
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#12
2-Methylnaphthalene
Concen: 0.295 ng
RT: 12.38 min Scan# 849
Delta R.T. -0.01 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Tgt Ion:142 Resp: 9380
Ion Ratio Lower Upper
142 100
141 88.7 72.6 108.8
115 38.1 32.2 48.2





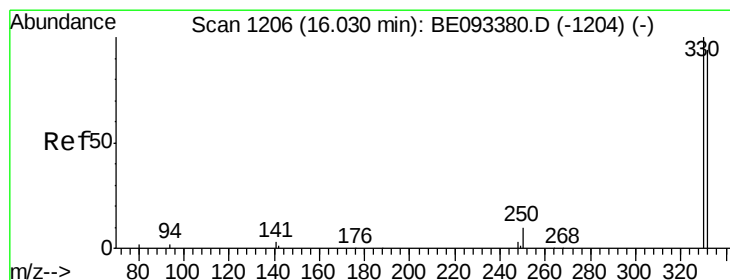
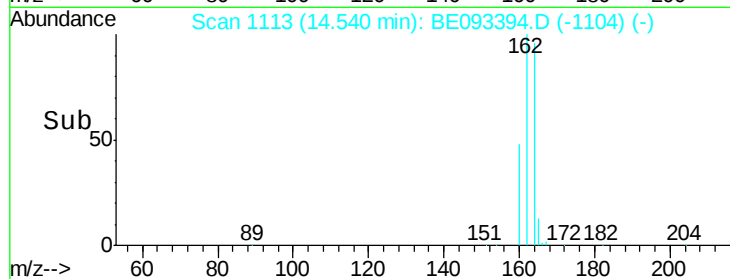
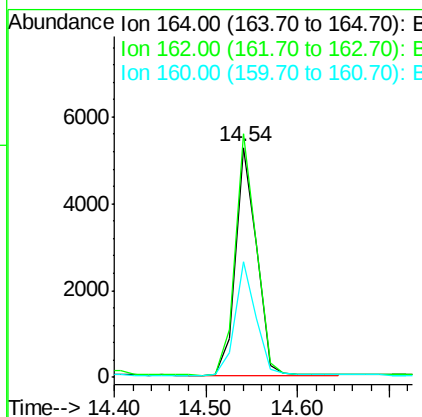
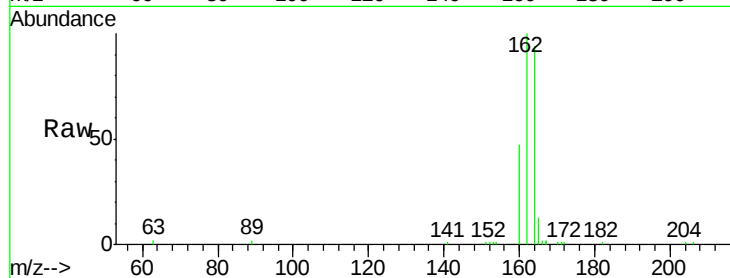
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BE093394.D
 Acq: 1 Jul 2017 16:03

Instrument :
 BNA_E
 ClientSampleId :
 PB100316BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.6	127.0
160	50.1	41.8	62.6

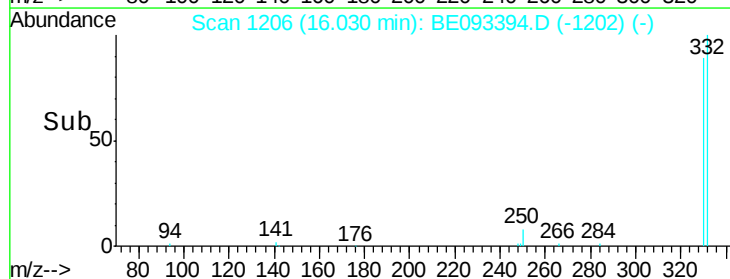
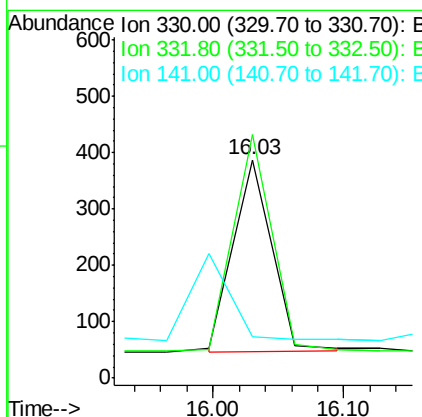
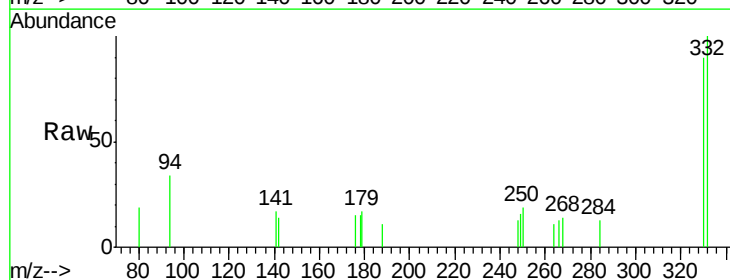
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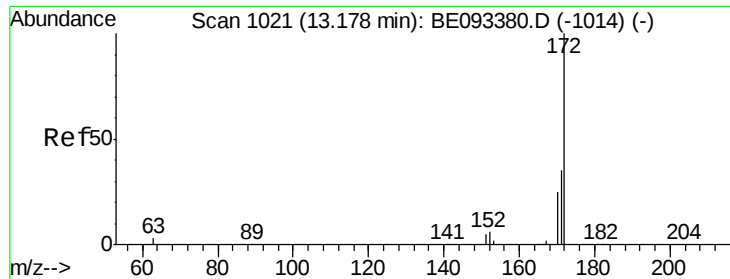
mohammad
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#14
 2,4,6-Tribromophenol
 Concen: 0.258 ng m
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093394.D
 Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.7	116.5#
141	0.0	56.2	84.4#





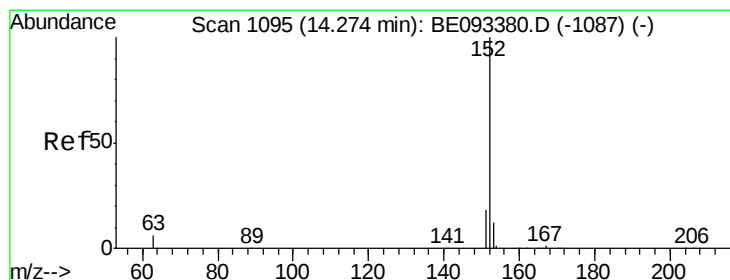
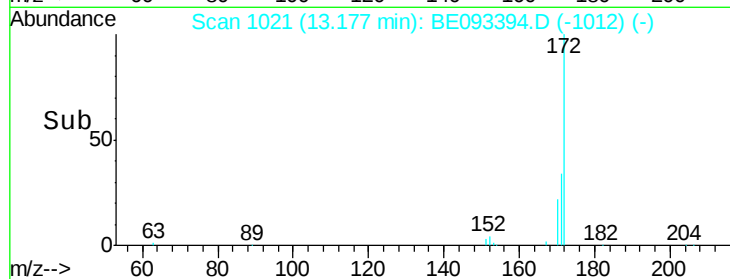
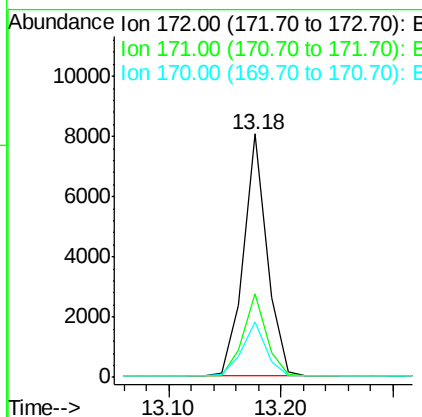
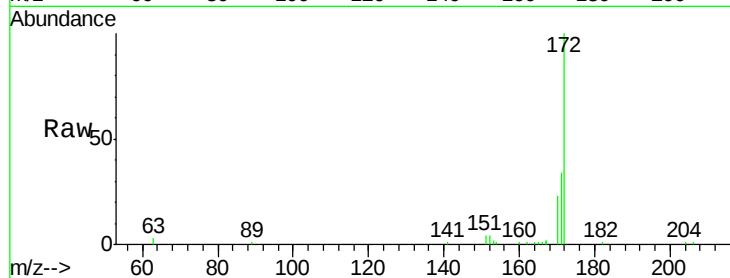
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Instrument :
BNA_E
ClientSampleId :
PB100316BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.8	44.6
170	22.5	20.7	31.1

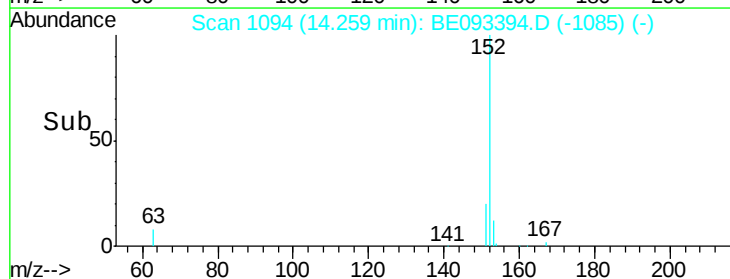
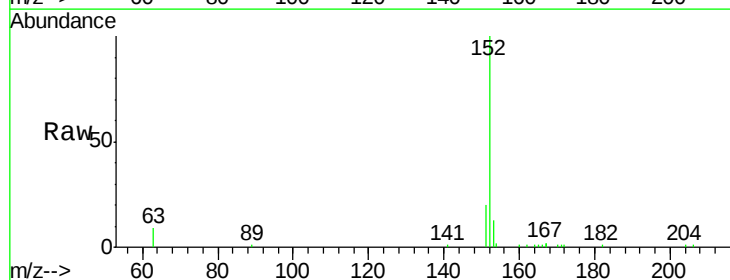
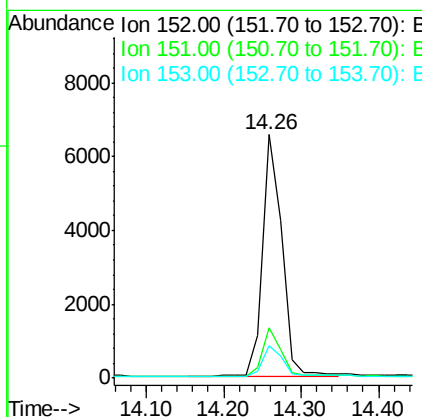
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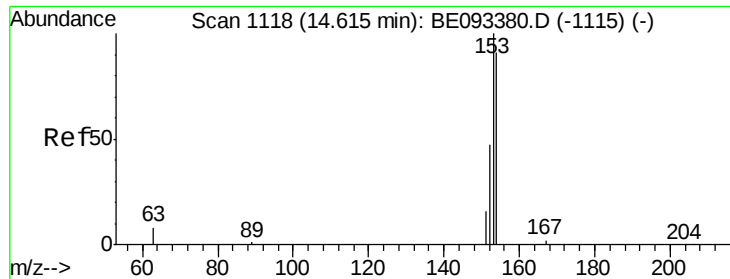
mohammad
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#16
Acenaphthylene
Concen: 0.310 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.02 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	4.0	6.0#
153	12.8	10.3	15.5





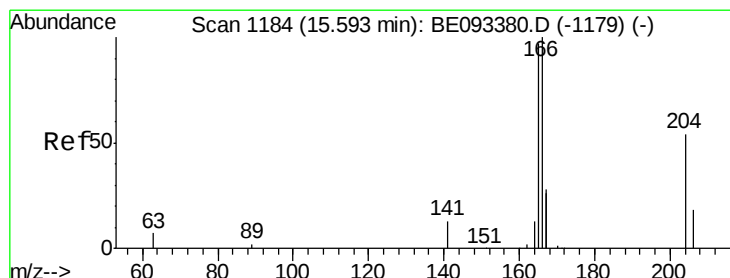
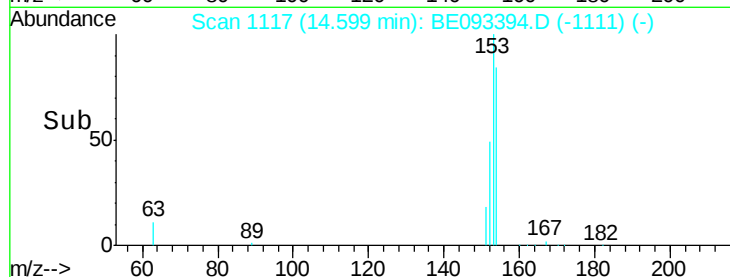
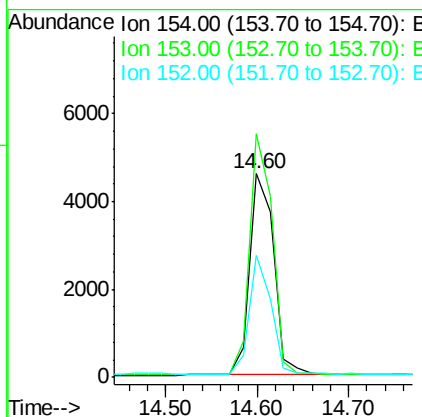
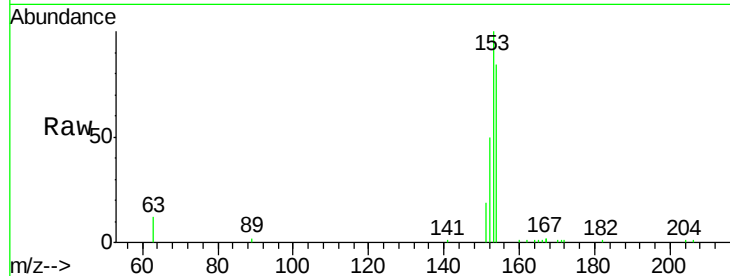
#17
Acenaphthene
Concen: 0.329 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Instrument :
BNA_E
ClientSampleId :
PB100316BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.2	136.8
152	52.7	44.8	67.2

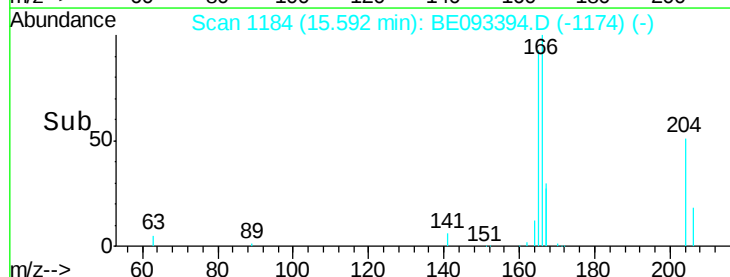
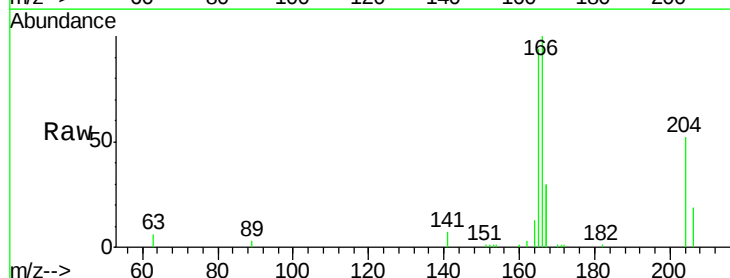
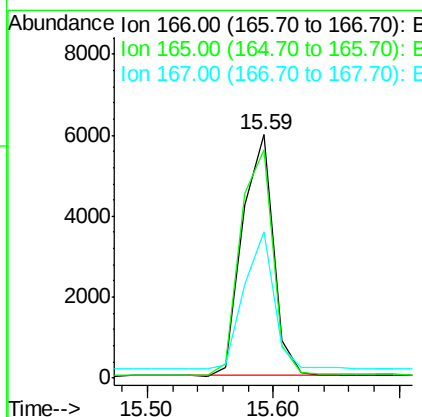
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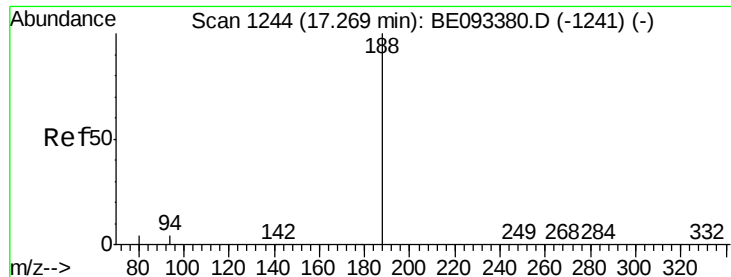
mohammad
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#18
Fluorene
Concen: 0.286 ng
RT: 15.59 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	54.6	11.1	16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Instrument :

BNA_E

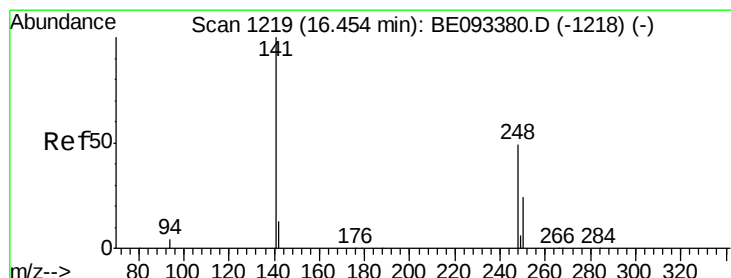
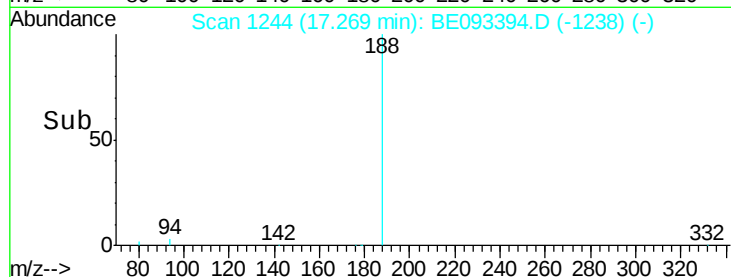
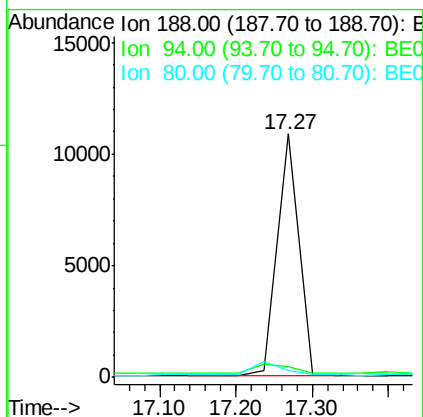
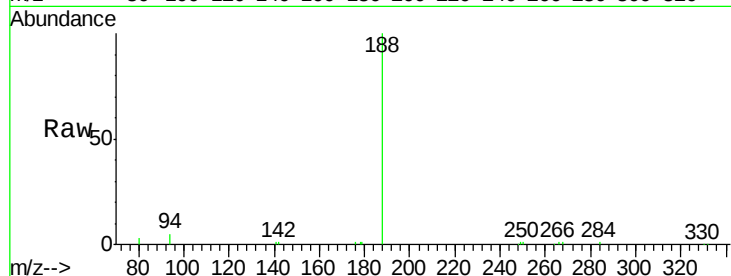
ClientSampleId :

PB100316BS

Tgt Ion:	188	Resp:	21925
Ion Ratio	Lower	Upper	
188	100		
94	4.5	11.3	16.9#
80	3.0	11.7	17.5#

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#20

4-Bromophenyl-phenylether

Concen: 0.667 ng

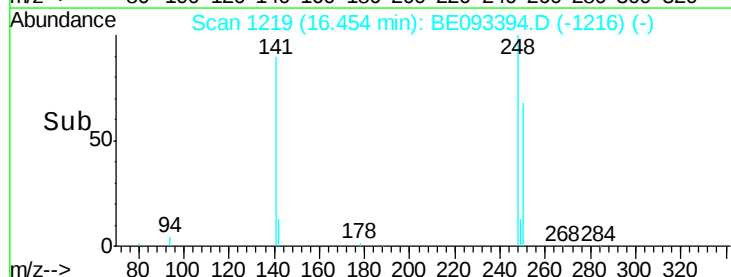
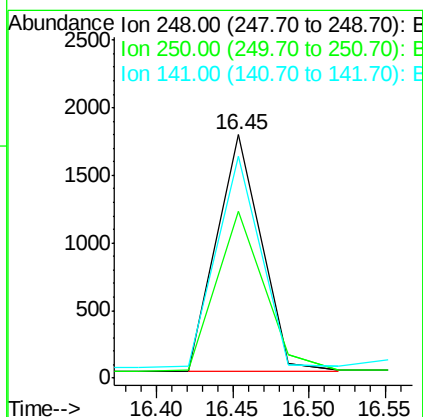
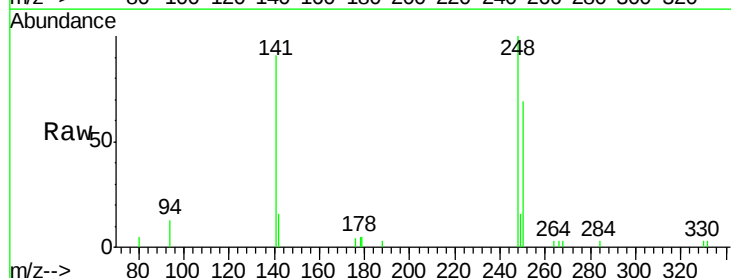
RT: 16.45 min Scan# 1219

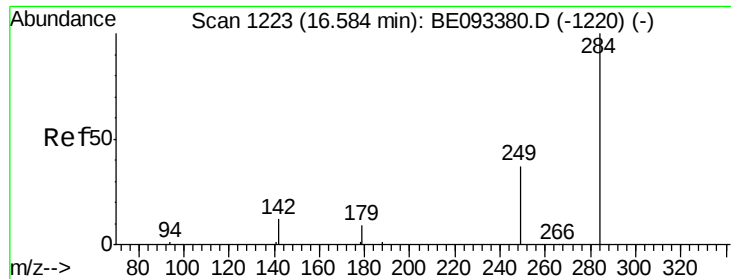
Delta R.T. 0.00 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Tgt Ion:	248	Resp:	3551
Ion Ratio	Lower	Upper	
248	100		
250	68.6	40.8	61.2#
141	91.3	161.6	242.4#





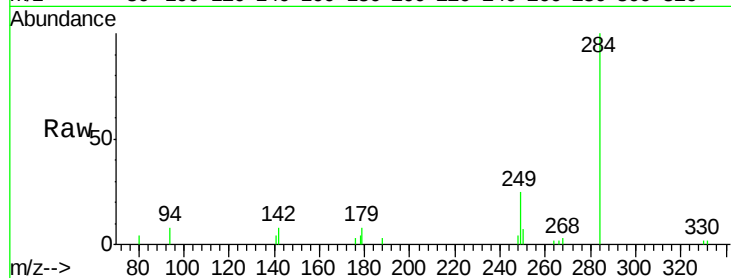
#21
Hexachlorobenzene
Concen: 0.525 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Instrument :
BNA_E
ClientSampleId :
PB100316BS

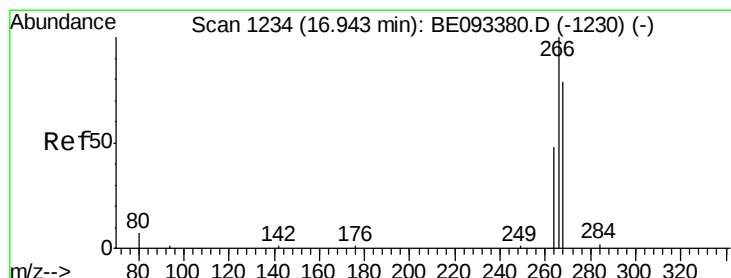
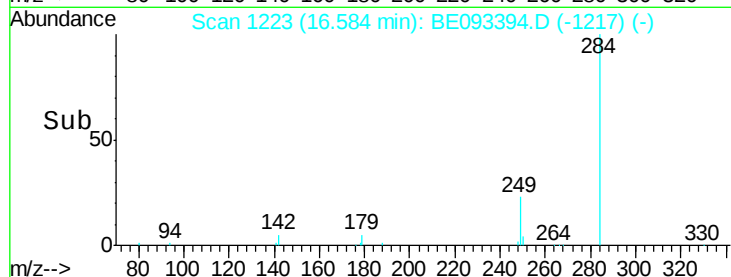
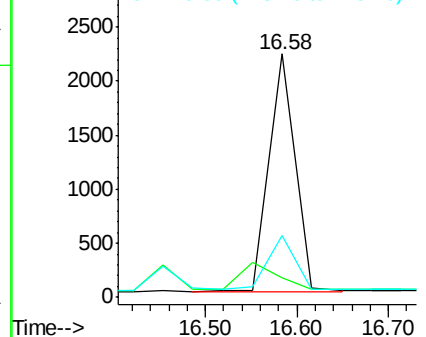
Tgt Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	23.4	0.0	0.0

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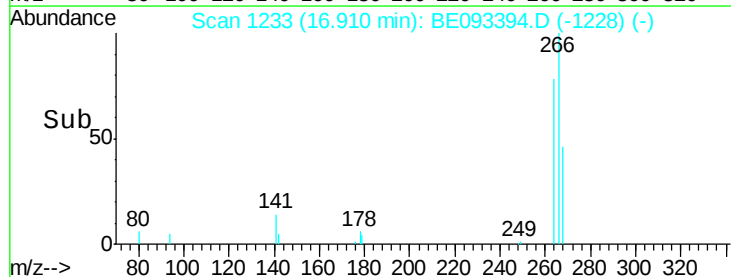
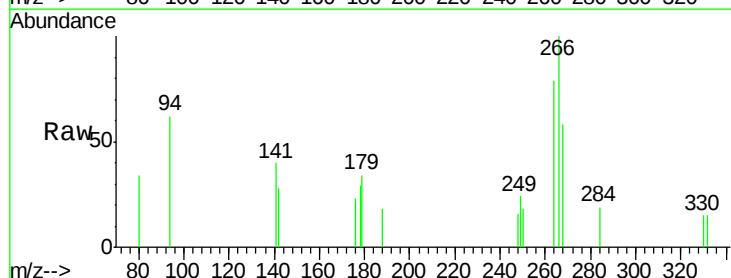
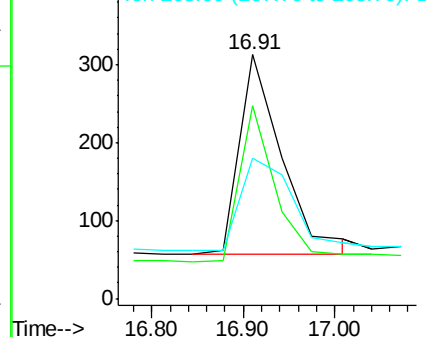
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

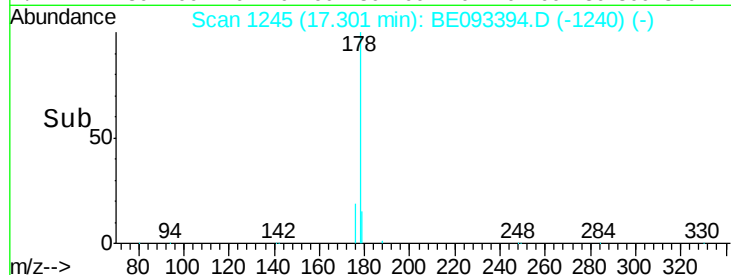
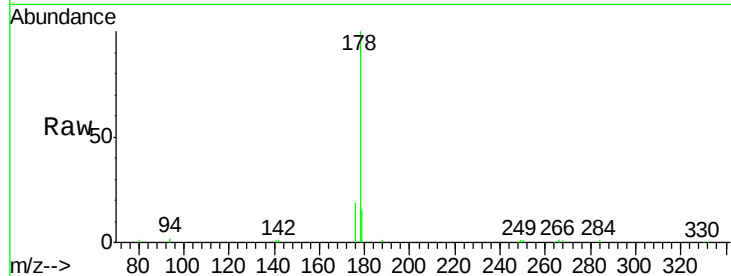
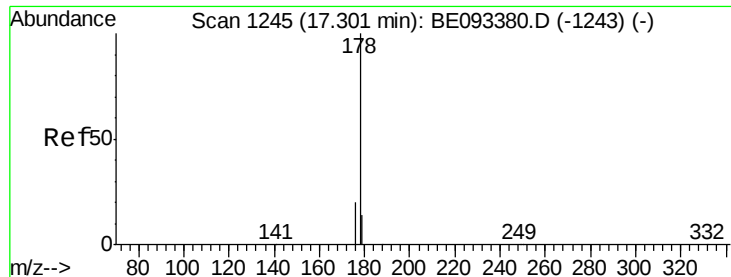


#22
Pentachlorophenol
Concen: 0.888 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
266	100		
264	79.2	58.2	87.2
268	57.5	71.9	107.9

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





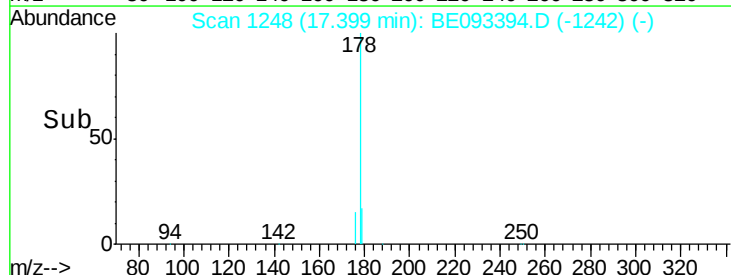
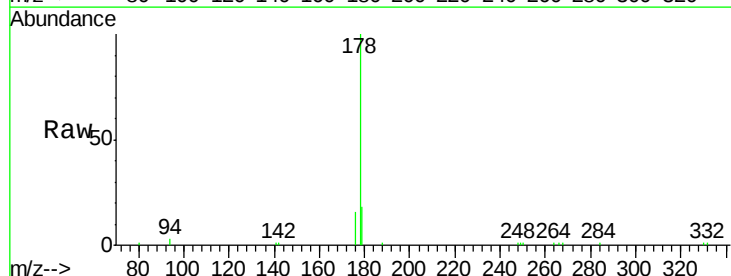
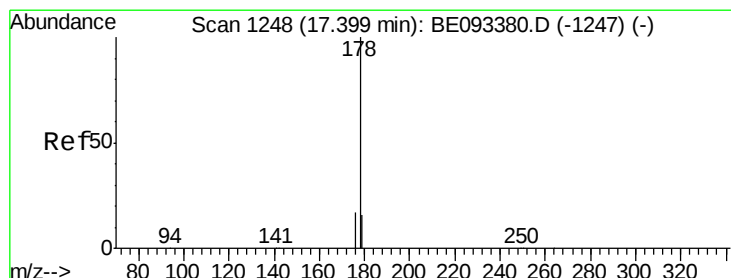
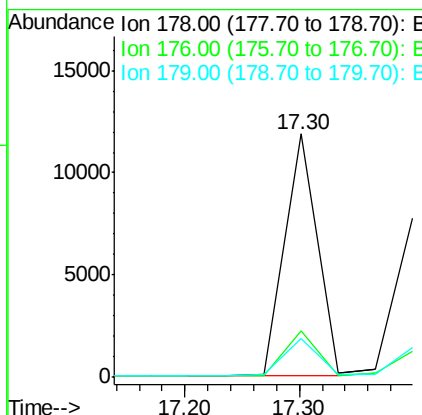
#23
Phenanthrene
Concen: 0.442 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.7	19.1

Instrument :
BNA_E
ClientSampleId :
PB100316BS

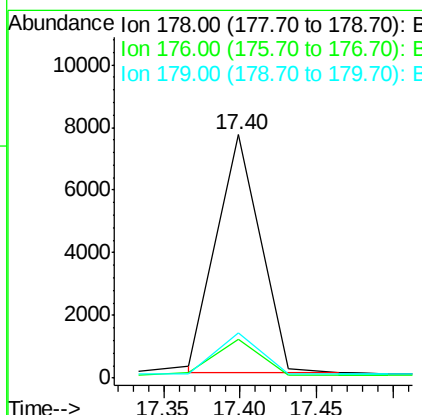
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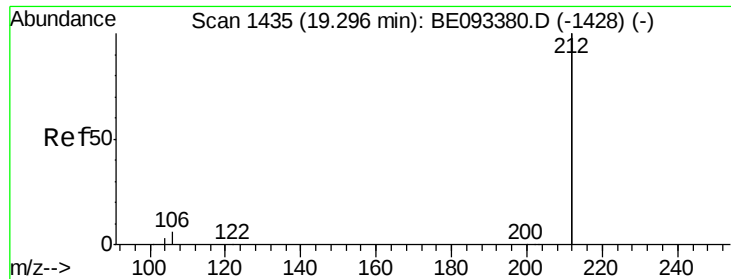
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#24
Anthracene
Concen: 0.284 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	15.2	14.6	22.0
179	17.1	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.321 ng

RT: 19.29 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Instrument :

BNA_E

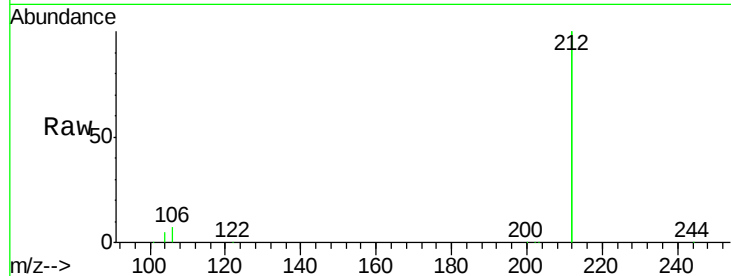
ClientSampleId :

PB100316BS

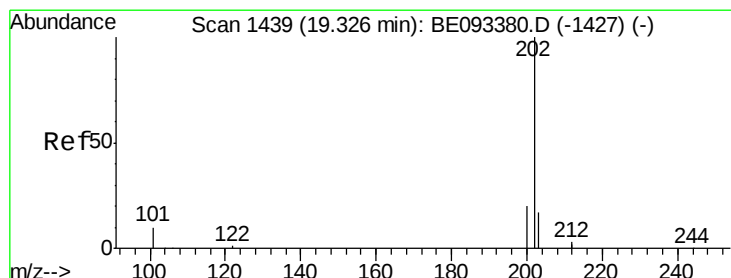
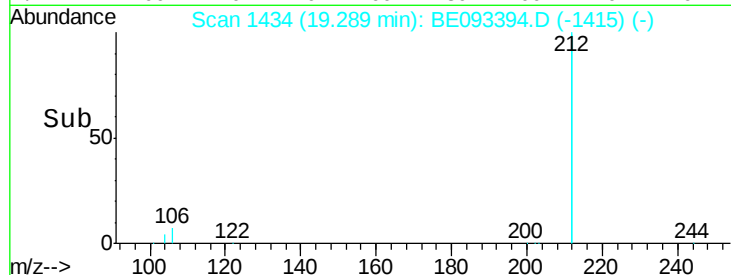
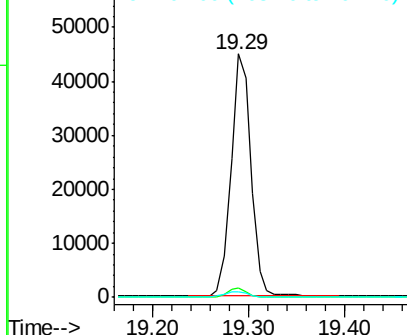
Tgt Ion:	212	Resp:	64933
Ion Ratio	Lower	Upper	
212	100		
106	3.6	2.4	3.6
104	2.0	1.6	2.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.331 ng

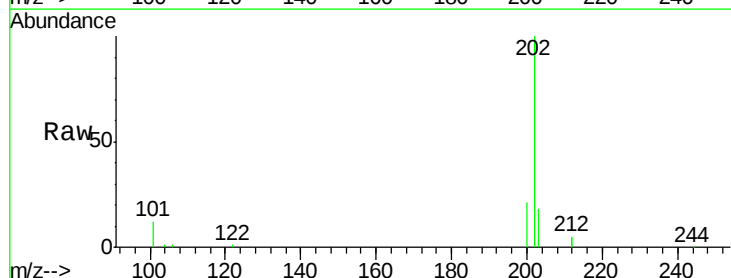
RT: 19.32 min Scan# 1438

Delta R.T. -0.01 min

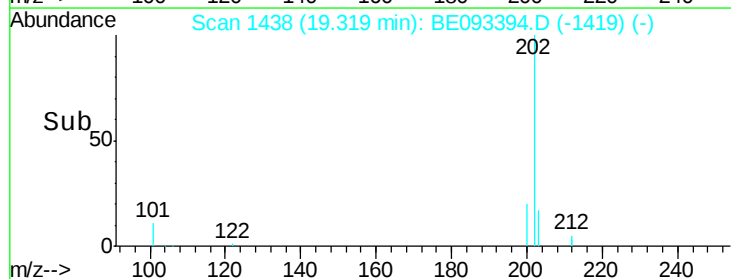
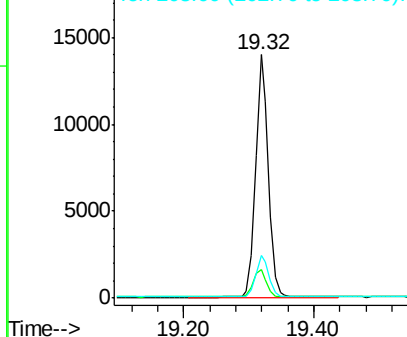
Lab File: BE093394.D

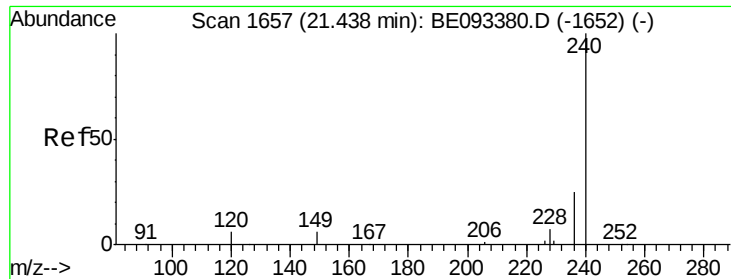
Acq: 1 Jul 2017 16:03

Tgt Ion:	202	Resp:	19004
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.6	14.4
203	17.1	14.4	21.6



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





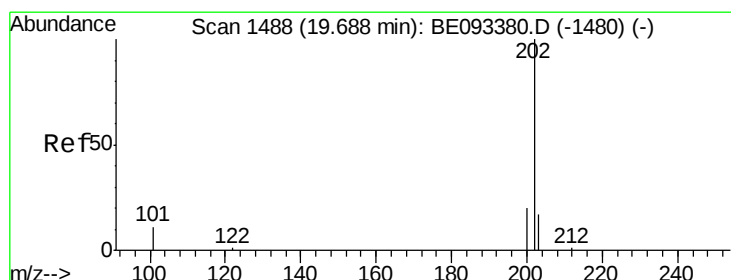
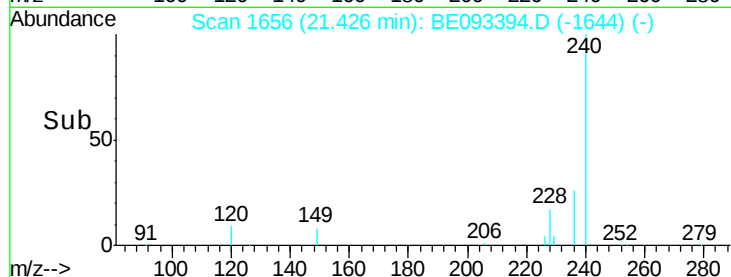
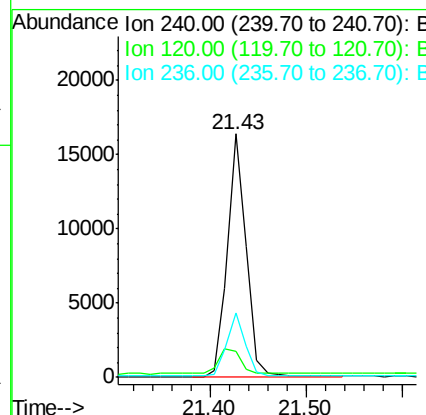
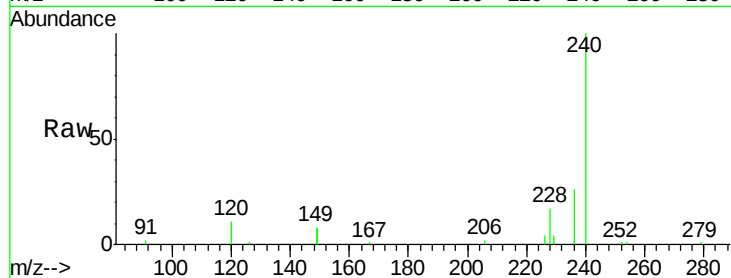
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BE093394.D
 Acq: 1 Jul 2017 16:03

Instrument :
 BNA_E
 ClientSampleId :
 PB100316BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	4.6	7.0#
236	26.4	20.8	31.2

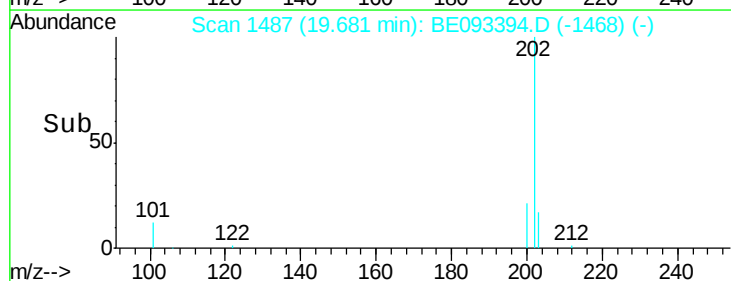
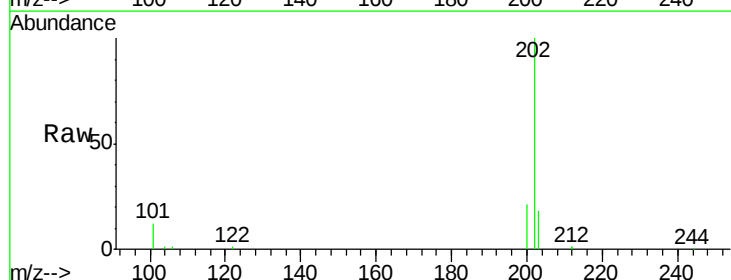
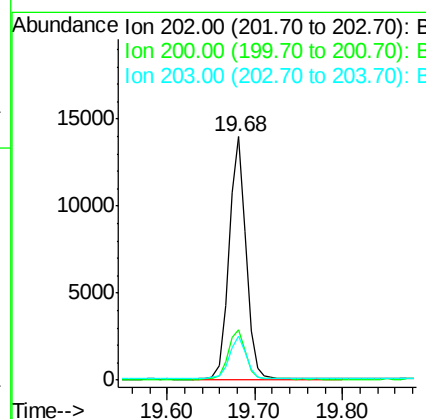
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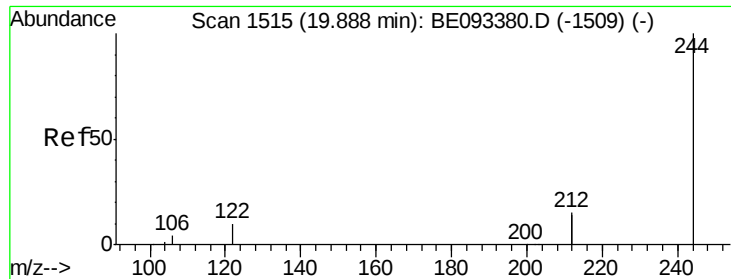
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#28
 Pyrene
 Concen: 0.322 ng
 RT: 19.68 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BE093394.D
 Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	0.0	0.0#
203	18.2	13.7	20.5





#29

Terphenyl-d14

Concen: 0.333 ng

RT: 19.88 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BE093394.D

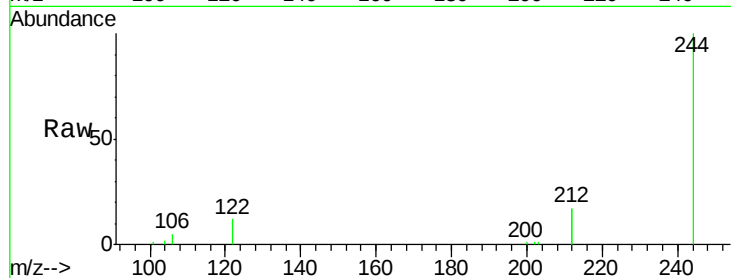
Acq: 1 Jul 2017 16:03

Instrument :

BNA_E

ClientSampleId :

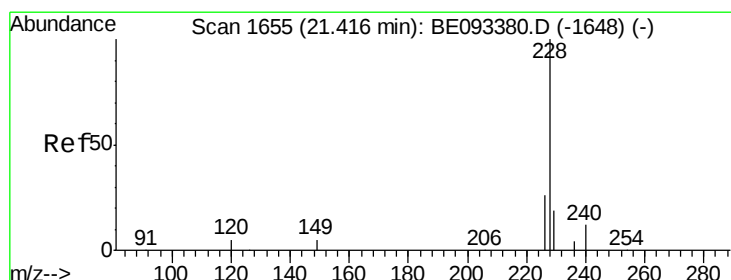
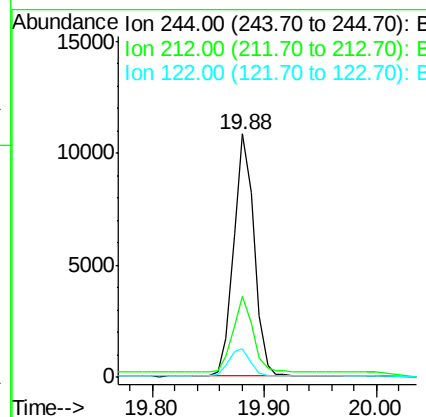
PB100316BS



Tgt Ion	Ratio	Lower	Upper
244	100		
212	33.1	10.6	16.0
122	11.7	15.4	23.0

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#30

Benzo(a)anthracene

Concen: 0.326 ng

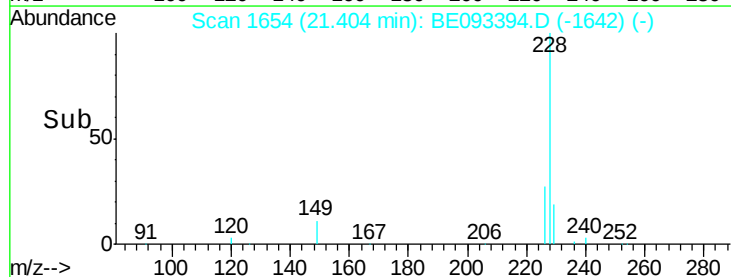
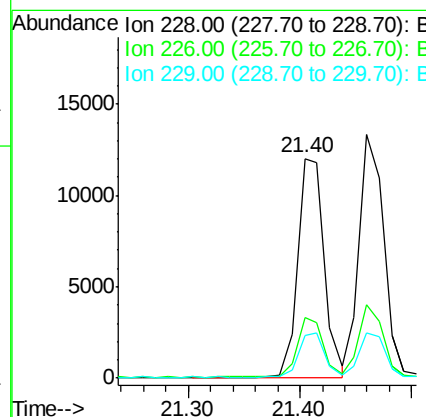
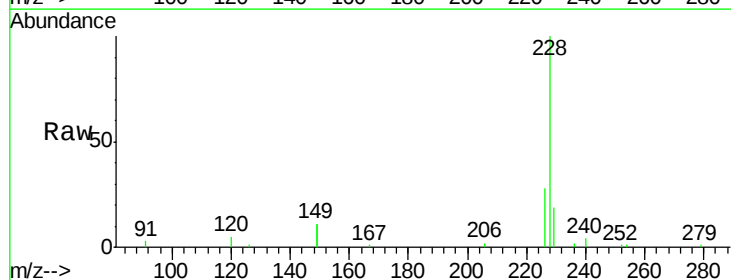
RT: 21.40 min Scan# 1654

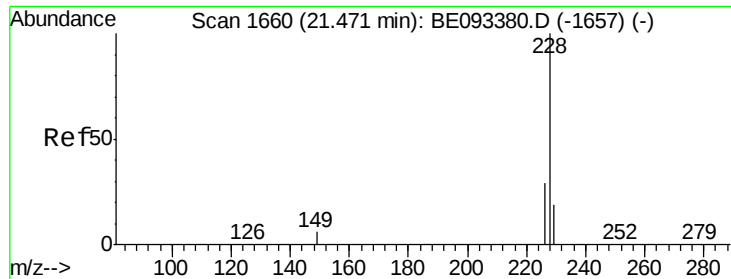
Delta R.T. -0.01 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	19.7	29.5
229	19.4	19.2	28.8





#31

Chrysene

Concen: 0.323 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE093394.D

Acq: 1 Jul 2017 16:03

Instrument :

BNA_E

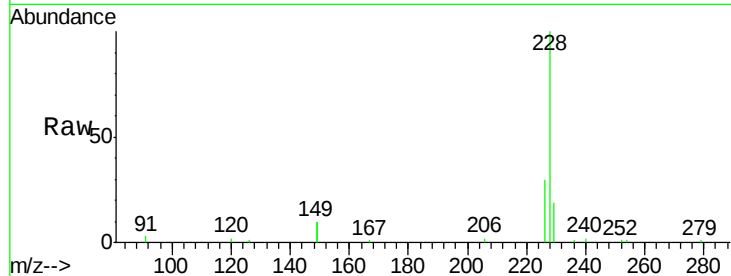
ClientSampleId :

PB100316BS

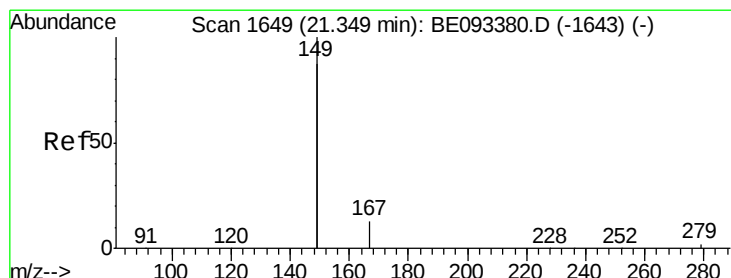
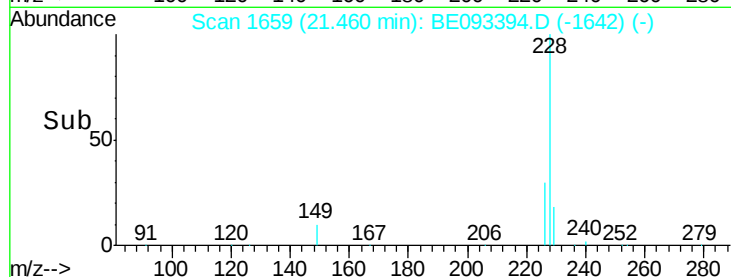
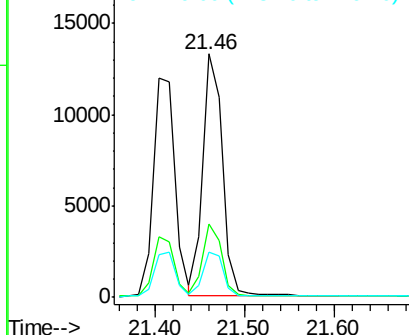
Tgt Ion:	228	Resp:	20359
Ion Ratio	Lower	Upper	
228	100		
226	30.3	21.5	32.3
229	18.8	18.6	28.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.233 ng

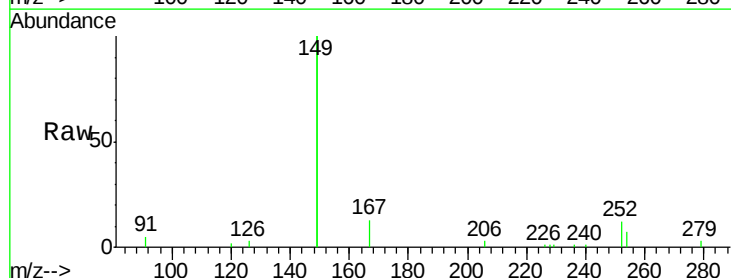
RT: 21.34 min Scan# 1648

Delta R.T. -0.01 min

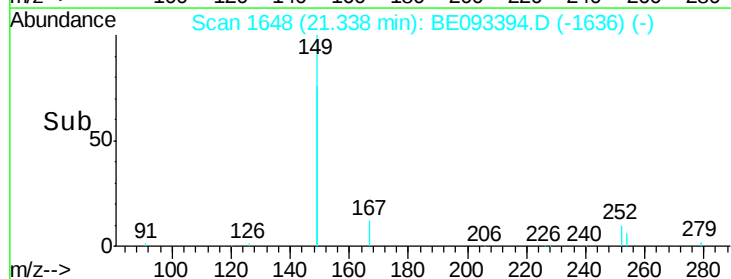
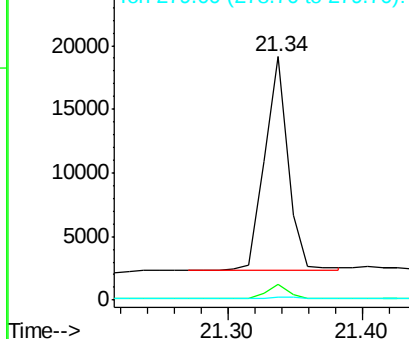
Lab File: BE093394.D

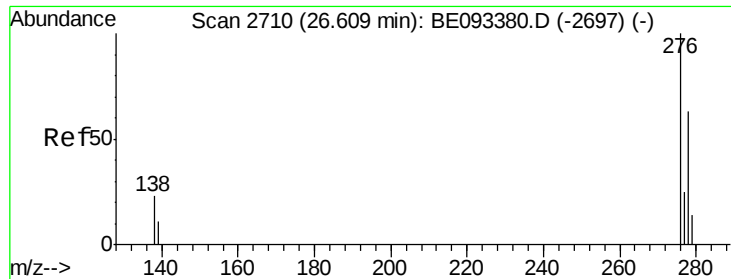
Acq: 1 Jul 2017 16:03

Tgt Ion:	149	Resp:	20845
Ion Ratio	Lower	Upper	
149	100		
167	6.5	20.1	30.1#
279	1.2	2.2	3.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





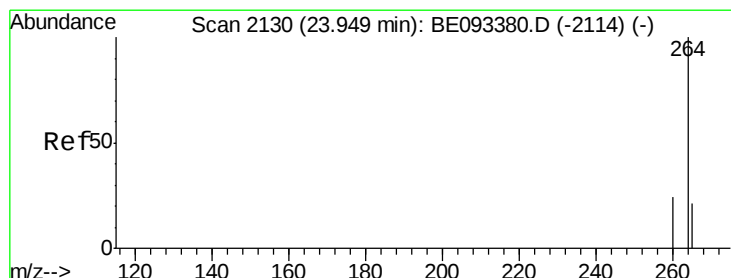
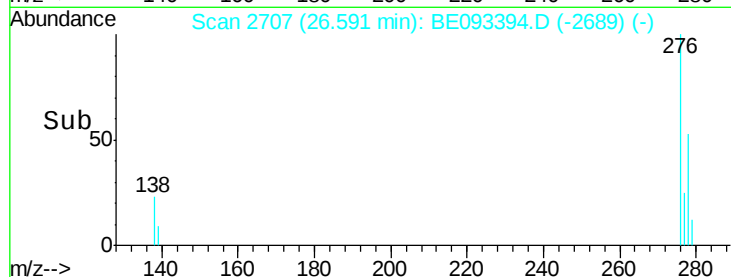
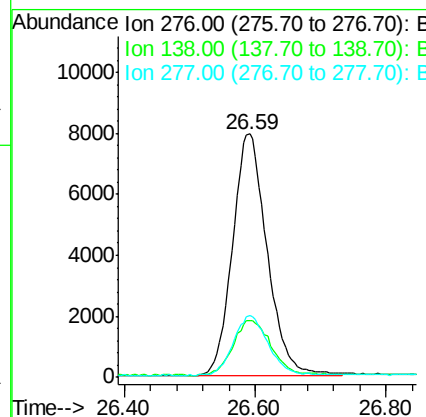
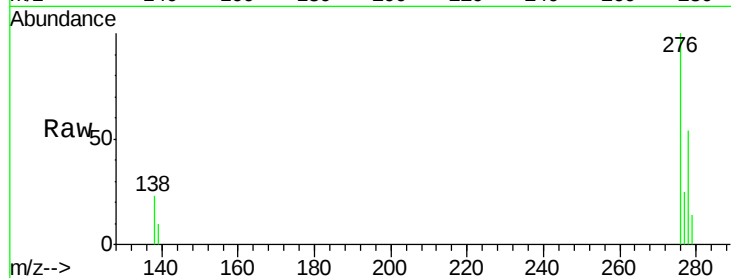
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.472 ng
 RT: 26.59 min Scan# 2707
 Delta R.T. -0.02 min
 Lab File: BE093394.D
 Acq: 1 Jul 2017 16:03

Instrument :
 BNA_E
 ClientSampleId :
 PB100316BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	27.4	41.2#
277	25.0	20.1	30.1

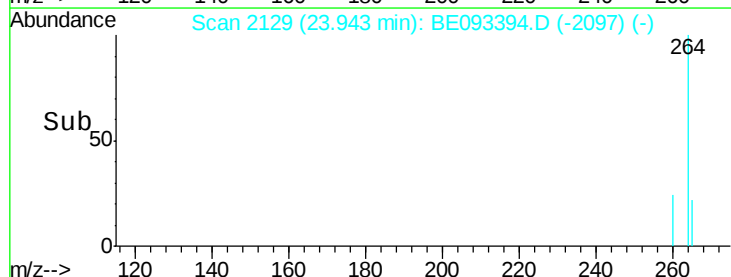
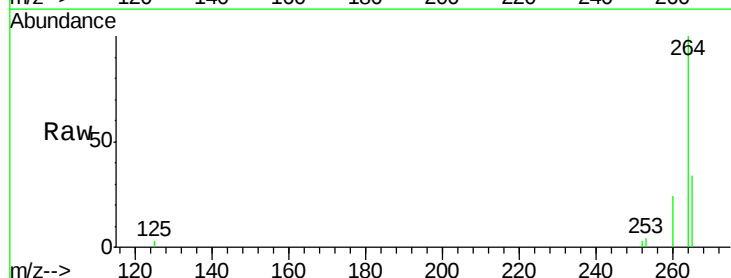
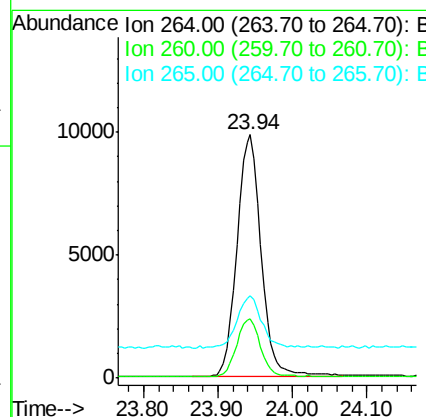
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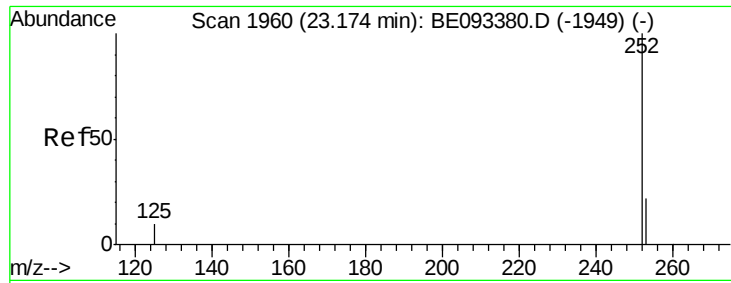
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BE093394.D
 Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.0	31.4
265	33.8	24.6	36.8





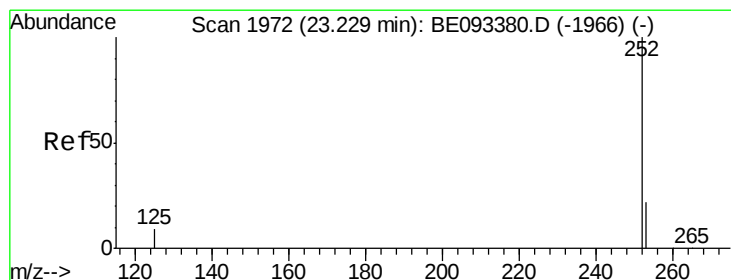
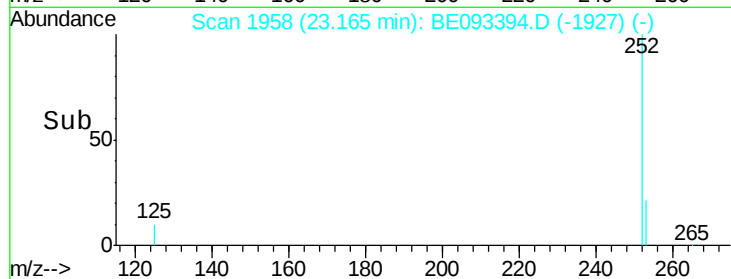
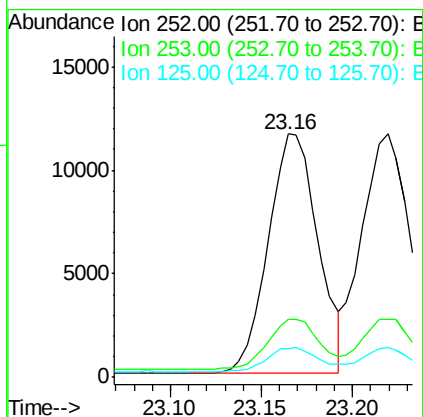
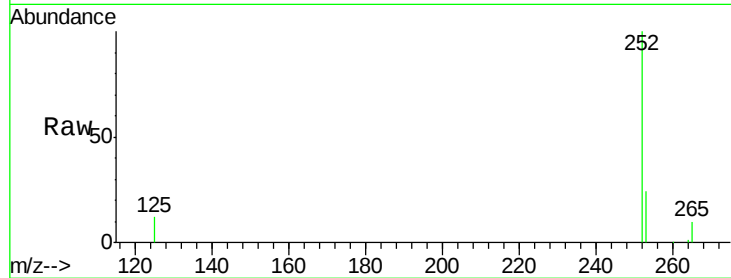
#35
Benzo(b)fluoranthene
Concen: 0.320 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Instrument :
BNA_E
ClientSampleId :
PB100316BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	11.7	13.4	20.0

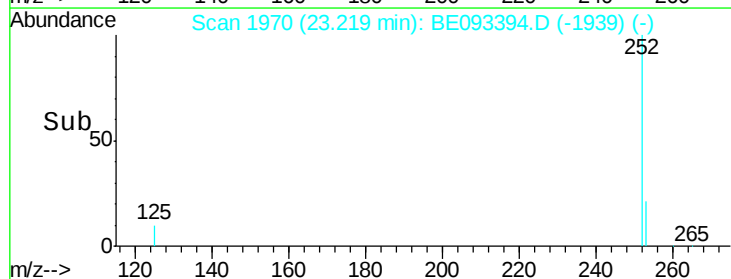
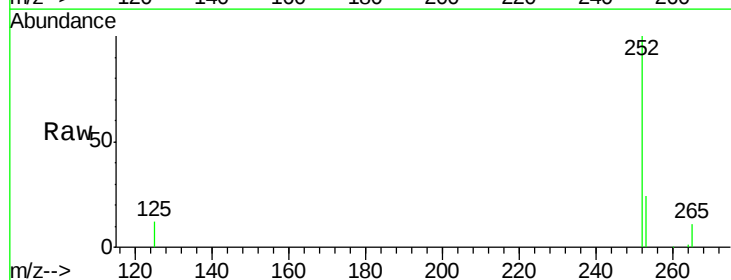
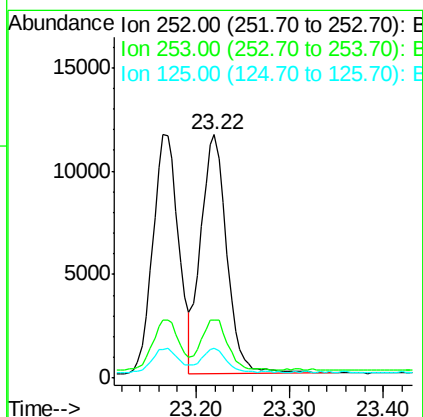
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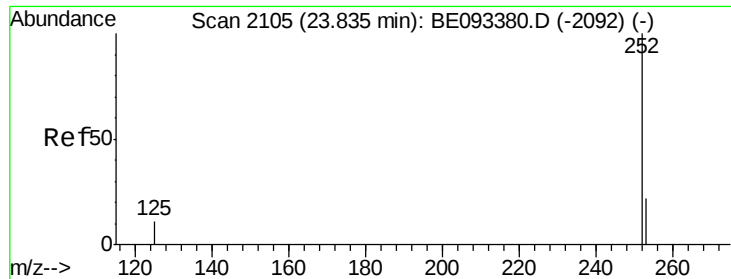
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#36
Benzo(k)fluoranthene
Concen: 0.319 ng
RT: 23.22 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.3	30.5
125	12.1	12.2	18.4





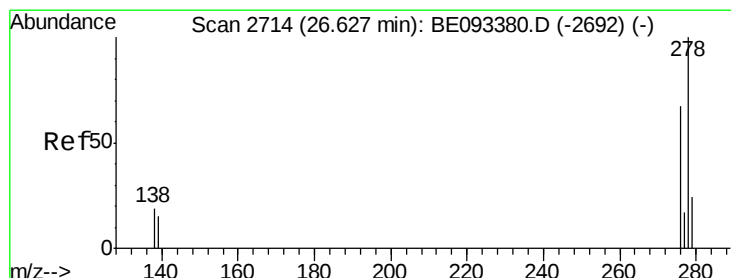
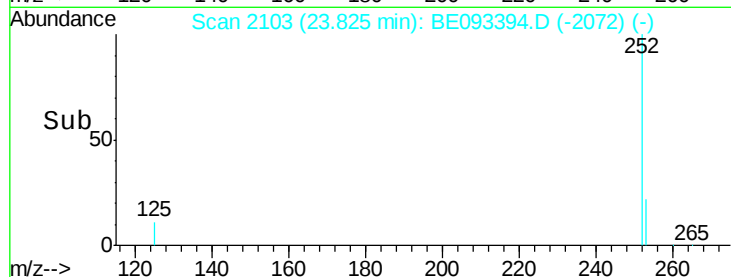
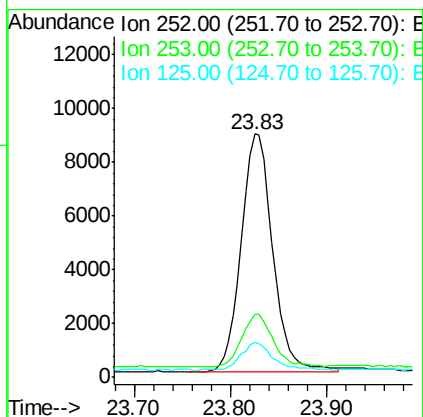
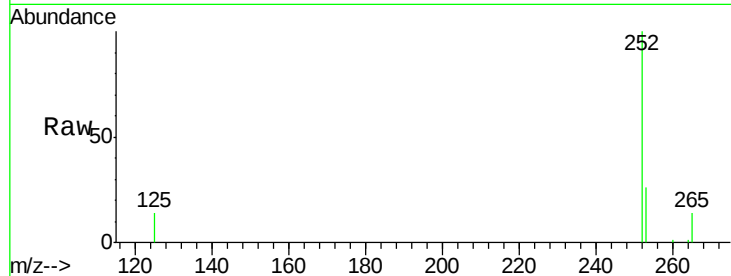
#37
Benzo(a)pyrene
Concen: 0.327 ng
RT: 23.83 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Instrument :
BNA_E
ClientSampleId :
PB100316BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.9	29.9
125	14.1	14.6	21.8

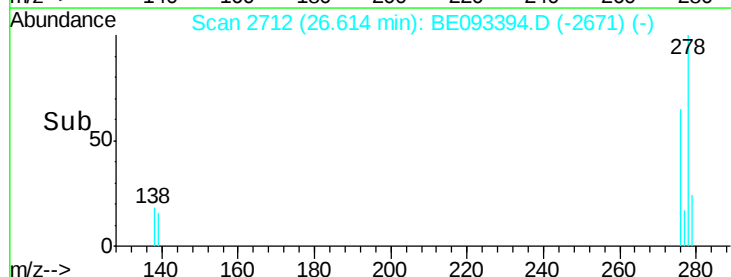
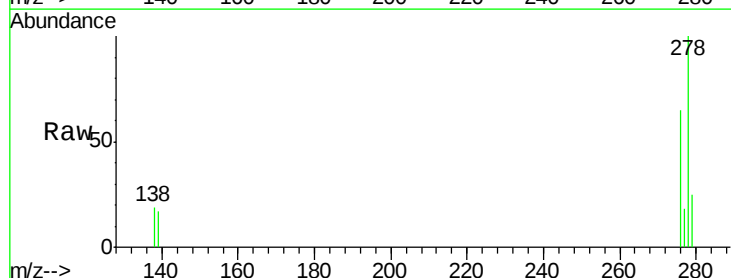
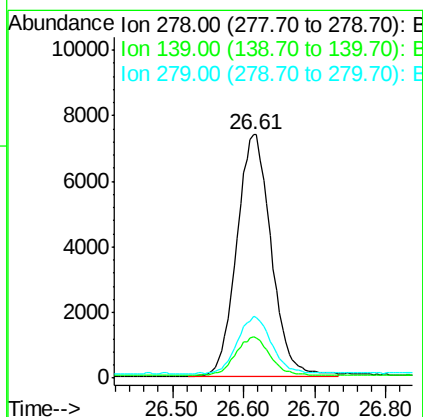
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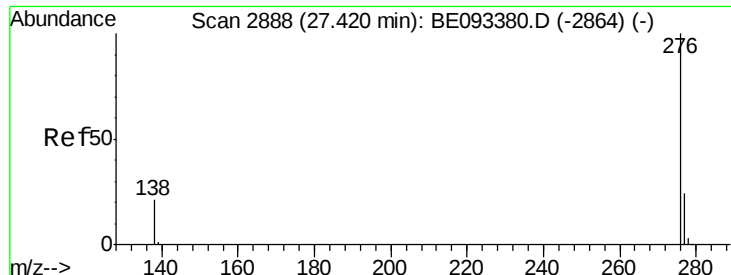
mohammad
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#38
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.61 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BE093394.D
Acq: 1 Jul 2017 16:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	21.4	32.0
279	25.4	22.2	33.2





#39

Benzo(g,h,i)perylene

Concen: 0.406 ng

RT: 27.40 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BE093394.D

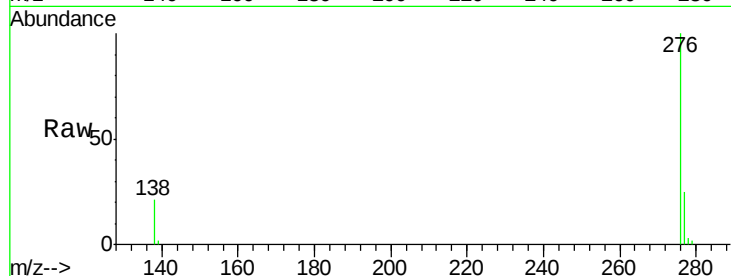
Acq: 1 Jul 2017 16:03

Instrument :

BNA_E

ClientSampleId :

PB100316BS



Tgt Ion:	276	Resp:	25908
Ion Ratio	Lower	Upper	
276	100		
277	24.7	21.2	31.8
138	21.2	24.5	36.7#

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