

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
 Data File : BE093955.D
 Acq On : 11 Sep 2017 10:22
 Operator : SJ/JU
 Sample : PB102204BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:03:54 PM

Quant Time: Sep 12 07:55:45 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2118	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10141	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6033	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	12345	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17294	0.40	ng	0.00
34) Perylene-d12	23.94	264	13237	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1985	0.29	ng	0.00
5) Phenol-d6	7.13	99	2612	0.25	ng	0.01
8) Nitrobenzene-d5	9.08	82	2429	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	4795	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	553	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	6361	0.27	ng	0.00
25) Fluoranthene-d10	19.28	212	51785	0.28	ng	0.00
29) Terphenyl-d14	19.87	244	9824	0.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	867	0.297	ng	# 14
3) n-Nitrosodimethylamine	3.75	42	1100	0.322	ng	# 84
6) bis(2-Chloroethyl)ether	7.34	93	2150	0.256	ng	87
9) Naphthalene	10.76	128	29144	0.251	ng	99
10) Hexachlorobutadiene	11.04	225	1057	0.250	ng	99
12) 2-Methylnaphthalene	12.37	142	4955	0.257	ng	97
16) Acenaphthylene	14.24	152	7057	0.234	ng	100
17) Acenaphthene	14.58	154	5063	0.249	ng	99
18) Fluorene	15.58	166	6776	0.258	ng	98
20) 4-Bromophenyl-phenylether	16.45	248	1881	0.227	ng	83
21) Hexachlorobenzene	16.58	284	1717	0.236	ng	# 100
22) Pentachlorophenol	16.94	266	827	0.422	ng	98
23) Phenanthrene	17.30	178	10995m	0.201	ng	
24) Anthracene	17.40	178	9755m	0.259	ng	
26) Fluoranthene	19.31	202	13981	0.254	ng	100
28) Pyrene	19.67	202	14273	0.240	ng	99
30) Benzo(a)anthracene	21.40	228	12054	0.227	ng	98
31) Chrysene	21.46	228	14198	0.253	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	33968	0.263	ng	100
33) Indeno(1,2,3-cd)pyrene	26.61	276	7912	0.211	ng	98
35) Benzo(b)fluoranthene	23.16	252	10550	0.250	ng	96
36) Benzo(k)fluoranthene	23.21	252	13436	0.260	ng	# 94
37) Benzo(a)pyrene	23.83	252	10813	0.252	ng	# 93
38) Dibenzo(a,h)anthracene	26.63	278	6129	0.215	ng	# 88
39) Benzo(g,h,i)perylene	27.43	276	7200	0.240	ng	96

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

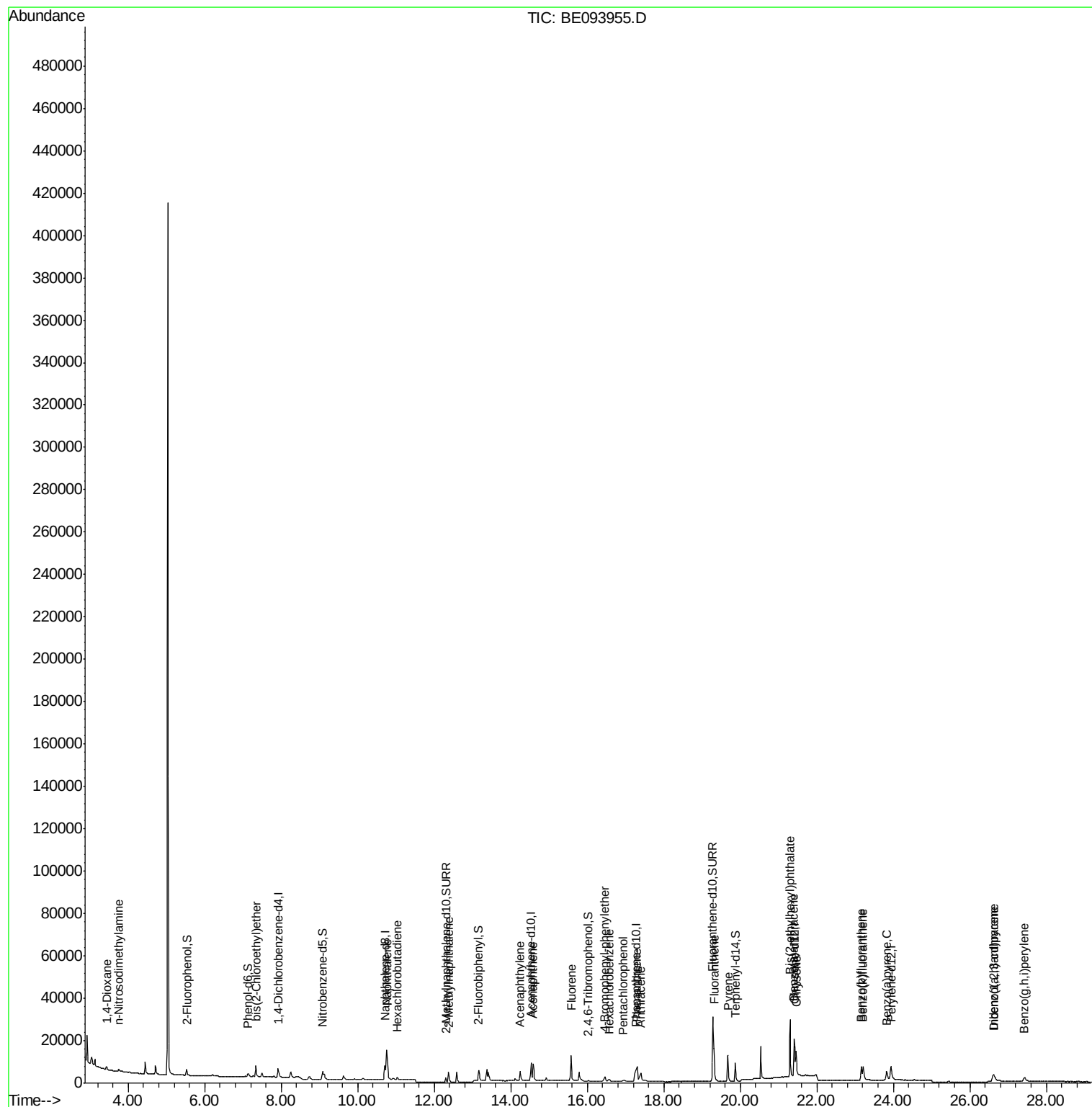
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
Data File : BE093955.D
Acq On : 11 Sep 2017 10:22
Operator : SJ/JU
Sample : PB102204BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

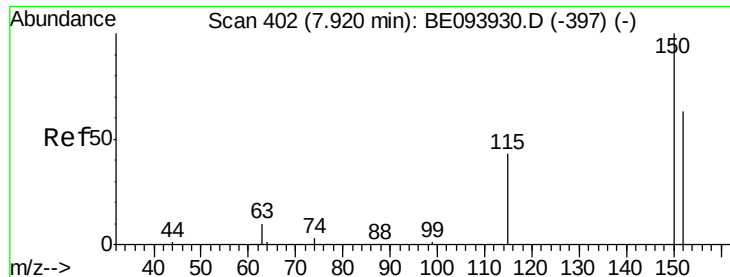
Instrument :
BNA_E
ClientSampleId :
PB102204BSD

Manual Integrations
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9/12/2017 6:03:54 PM

Quant Time: Sep 12 07:55:45 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampled :

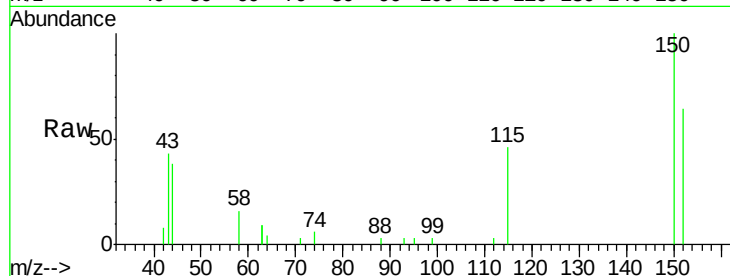
PB102204BSD

Tgt Ion:	152	Resp:	2118
Ion Ratio	Lower	Upper	
152	100		
150	155.7	121.8	182.6
115	71.9	52.6	79.0

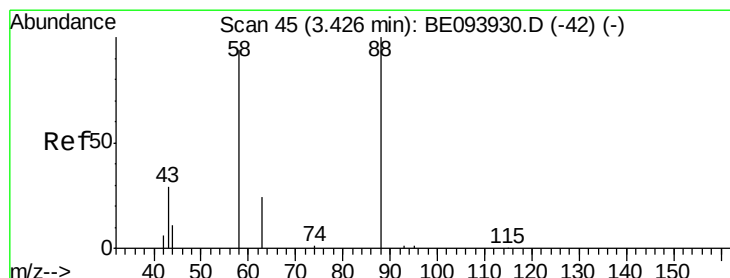
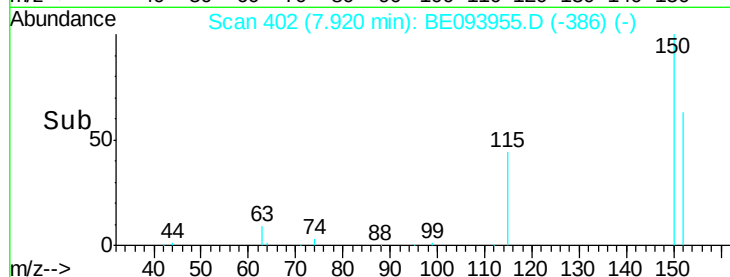
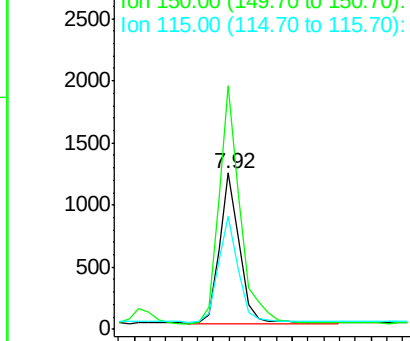
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.297 ng

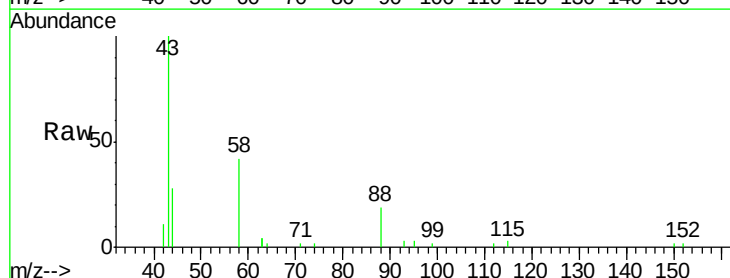
RT: 3.44 min Scan# 46

Delta R.T. 0.01 min

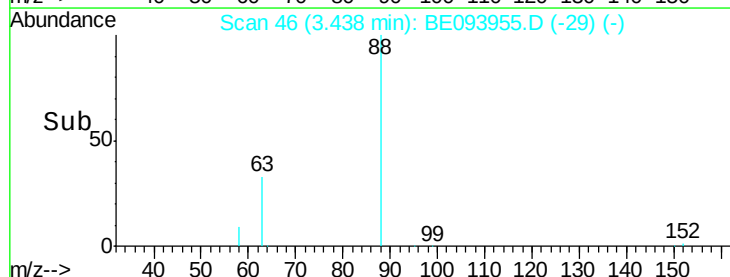
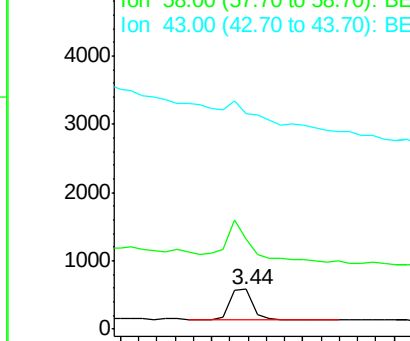
Lab File: BE093955.D

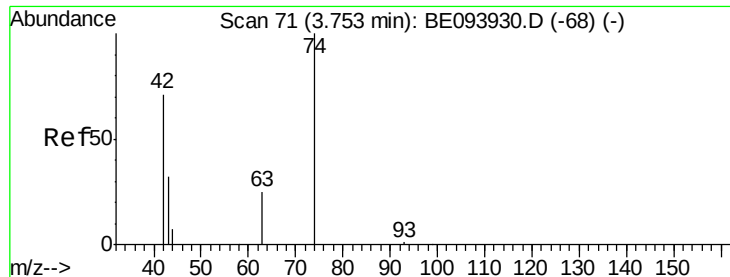
Acq: 11 Sep 2017 10:22

Tgt Ion:	88	Resp:	867
Ion Ratio	Lower	Upper	
88	100		
58	167.9	65.4	98.0#
43	0.0	23.9	35.9#



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: 0.322 ng

RT: 3.75 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampled :

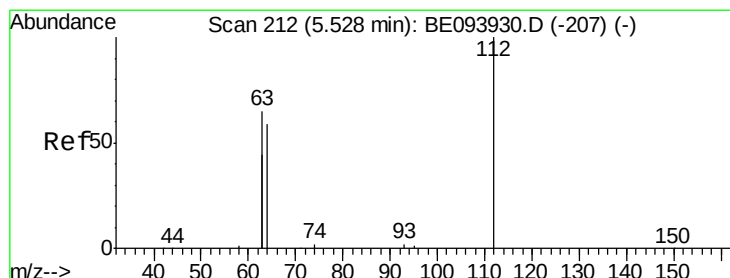
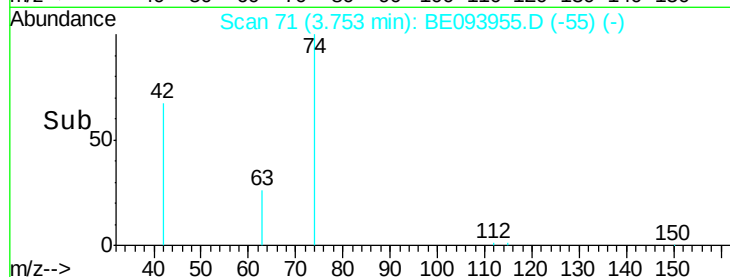
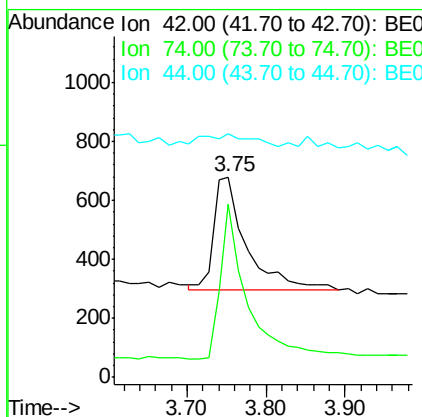
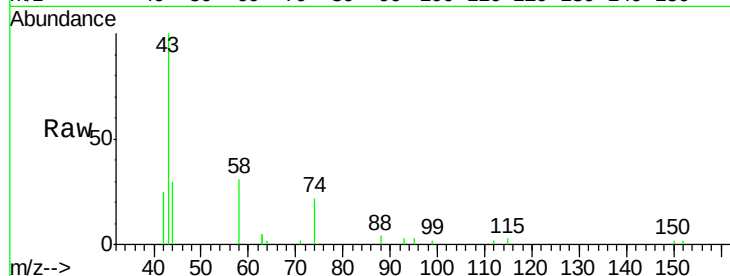
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Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.5	104.0	156.0
44	0.0	13.8	20.8

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#4

2-Fluorophenol

Concen: 0.290 ng

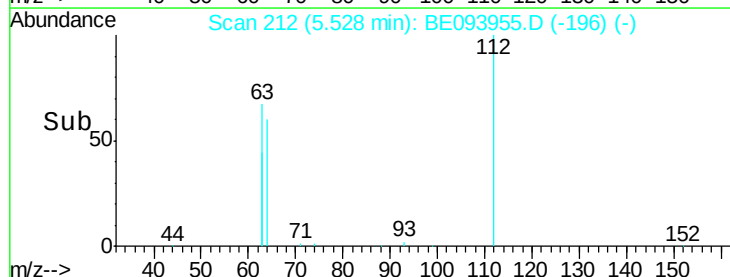
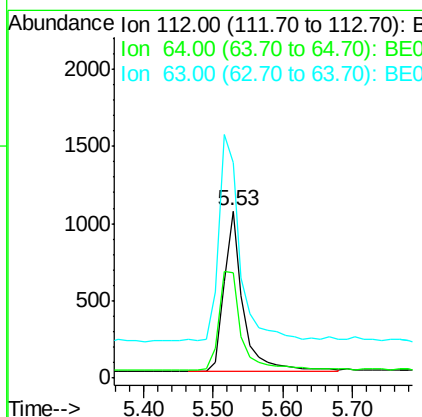
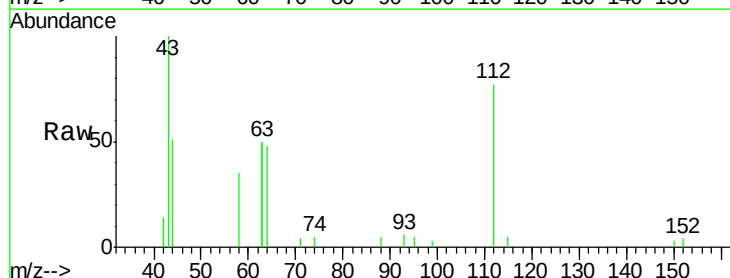
RT: 5.53 min Scan# 212

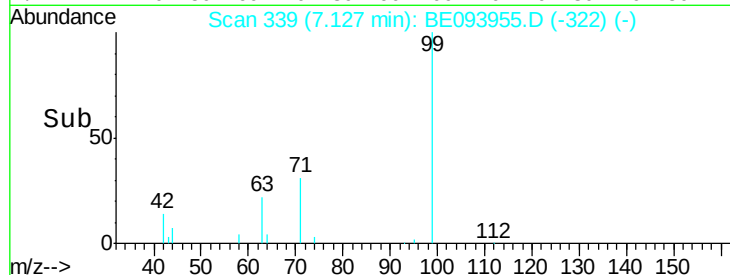
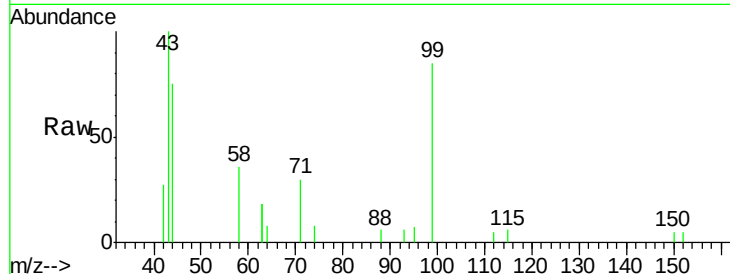
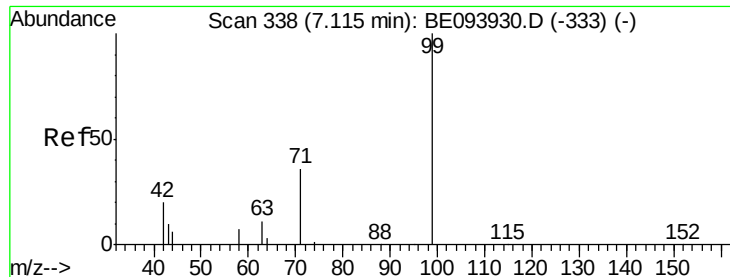
Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	57.7	86.5
63	141.2	116.0	174.0





#5

Phenol-d6

Concen: 0.254 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Tgt Ion:	99	Resp:	2612
Ion Ratio	Lower	Upper	
99	100		
42	21.1	17.1	25.7
71	36.4	26.6	39.8

Instrument :

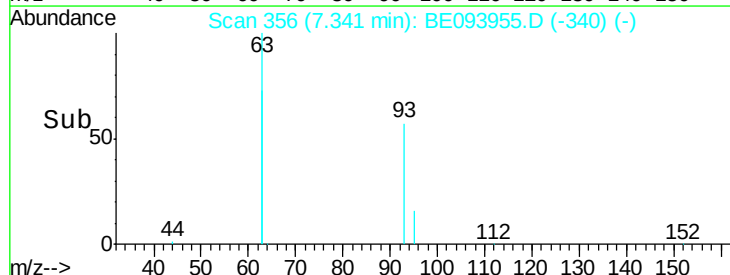
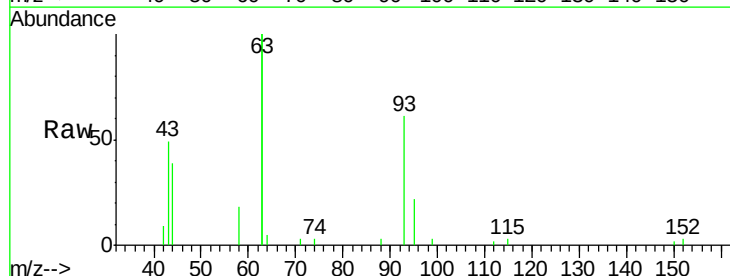
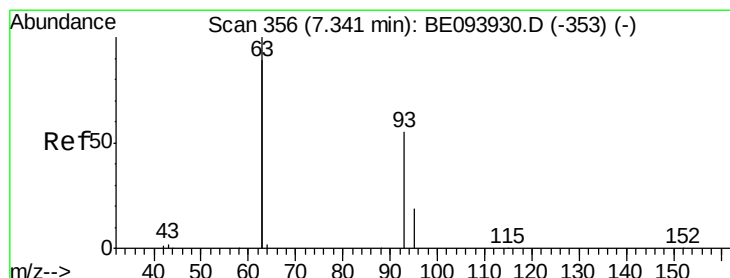
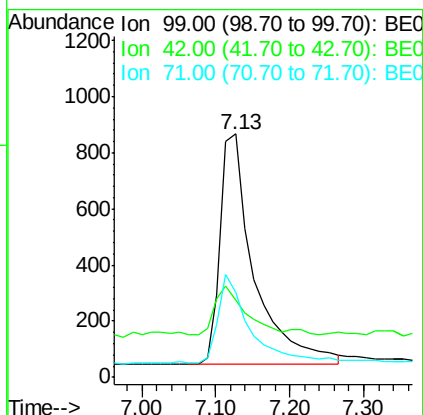
BNA_E

ClientSampleId :

PB102204BSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.256 ng

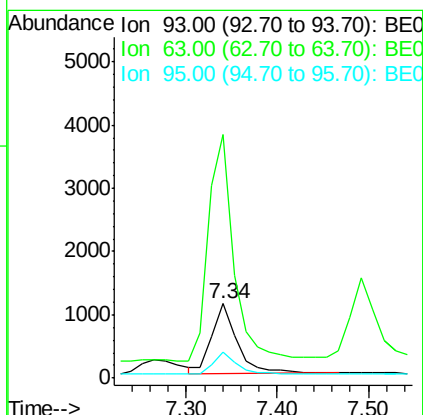
RT: 7.34 min Scan# 356

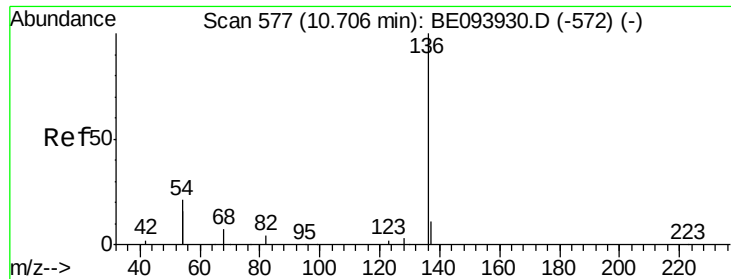
Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Tgt Ion:	93	Resp:	2150
Ion Ratio	Lower	Upper	
93	100		
63	325.1	283.4	425.2
95	29.4	26.9	40.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

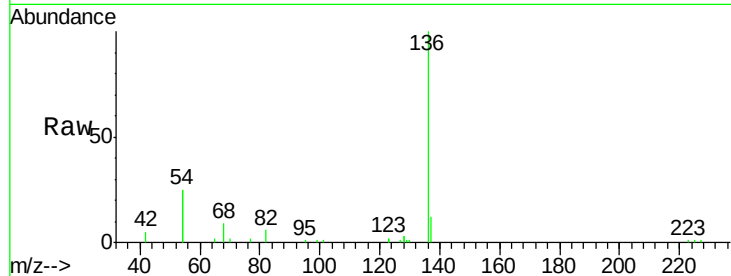
ClientSampleId :

PB102204BSD

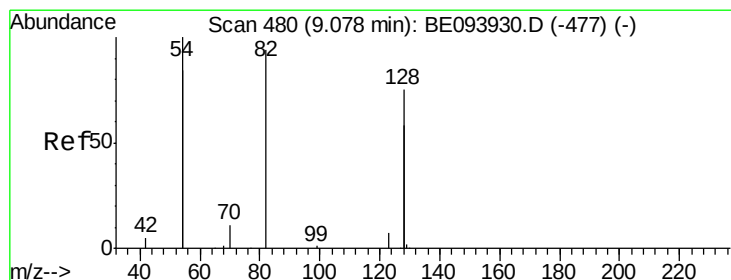
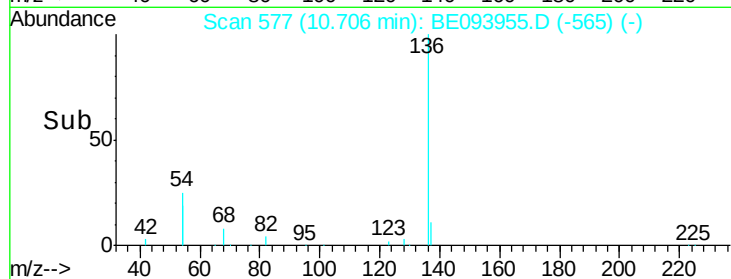
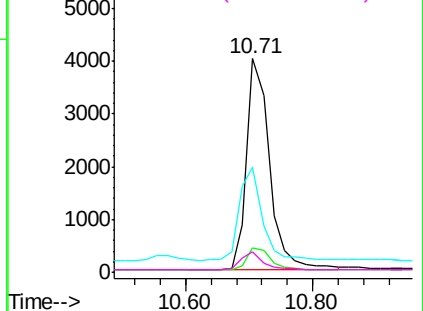
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	10141		
137	11.7	9.2	13.8	
54	49.3	21.9	32.9	
68	9.4	4.6	7.0	

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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: 0.283 ng

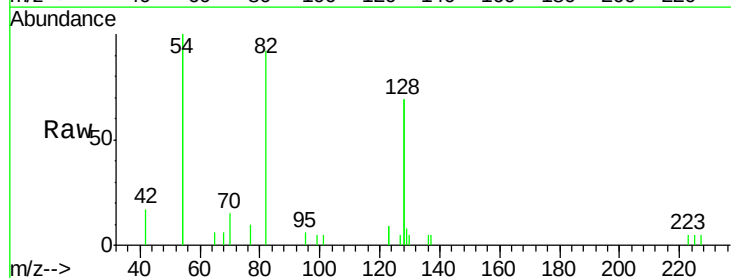
RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

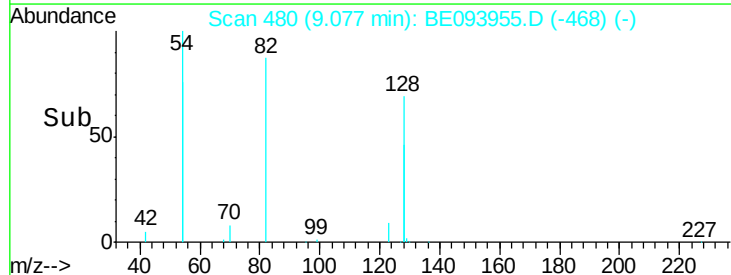
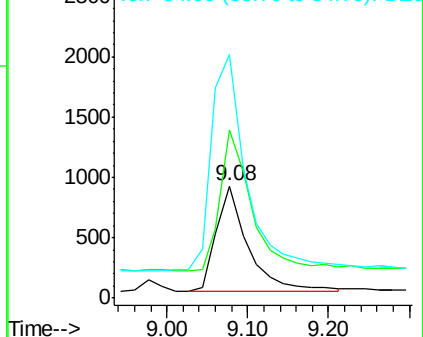
Lab File: BE093955.D

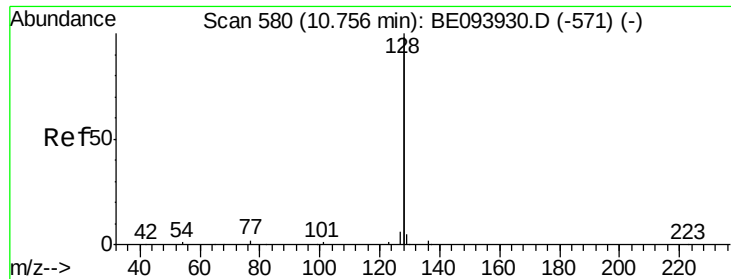
Acq: 11 Sep 2017 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	2429		
128	149.1	91.4	137.0	
54	216.8	197.8	296.8	



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: 0.251 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

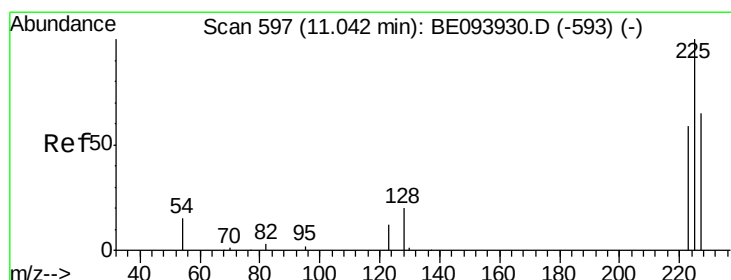
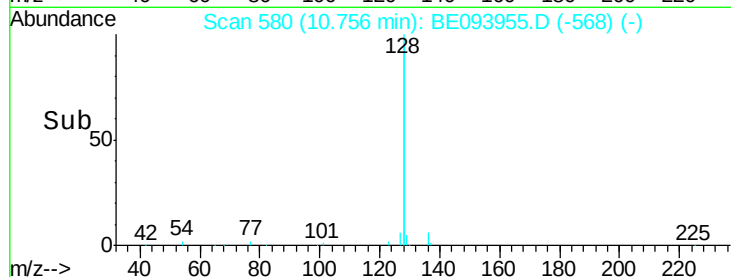
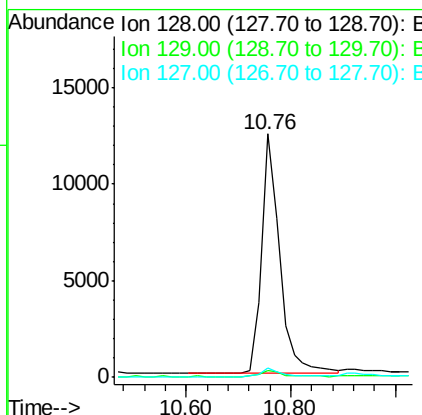
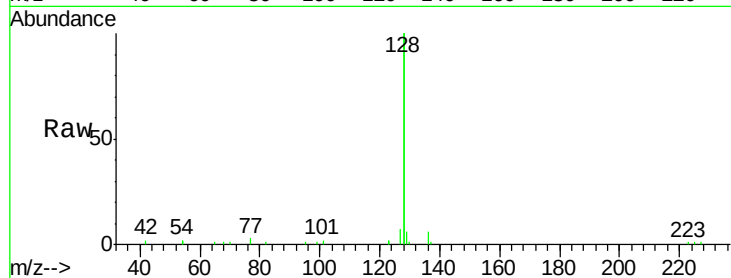
ClientSampleId :

PB102204BSD

Tgt Ion:	128	Resp:	29144
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.5	3.7
127	3.6	2.6	4.0

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.250 ng

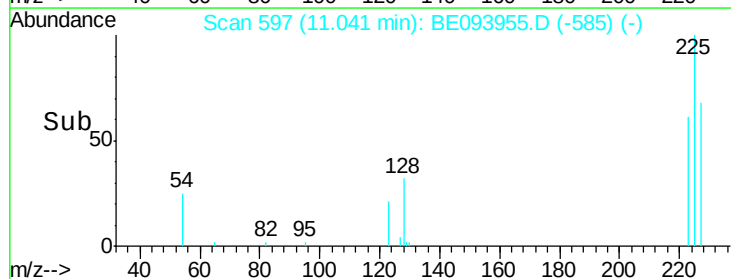
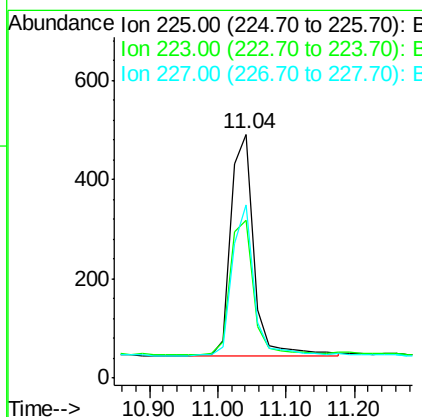
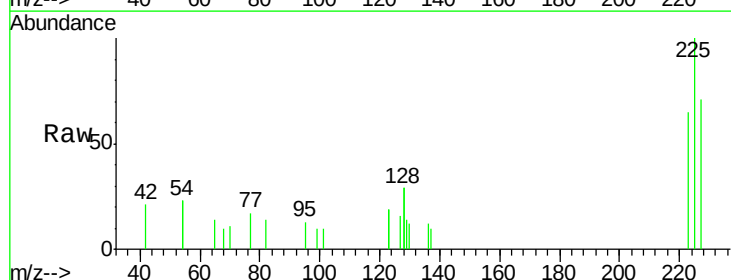
RT: 11.04 min Scan# 597

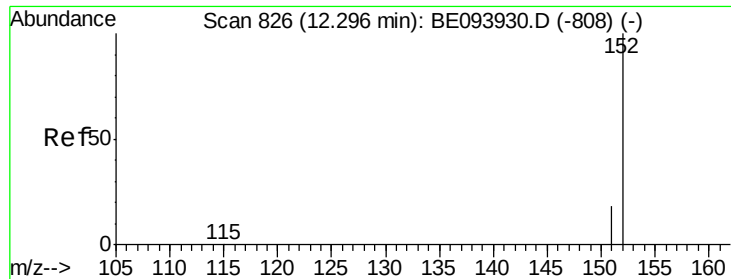
Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Tgt Ion:	225	Resp:	1057
Ion Ratio	Lower	Upper	
225	100		
223	60.6	49.4	74.0
227	64.3	50.5	75.7





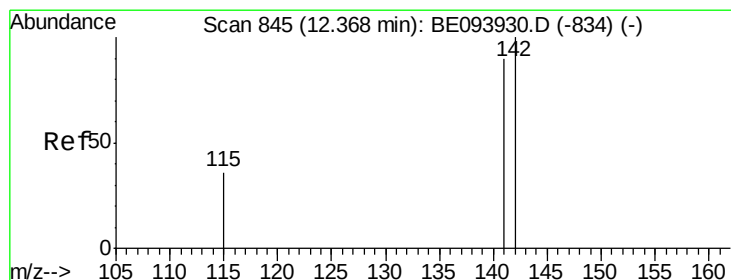
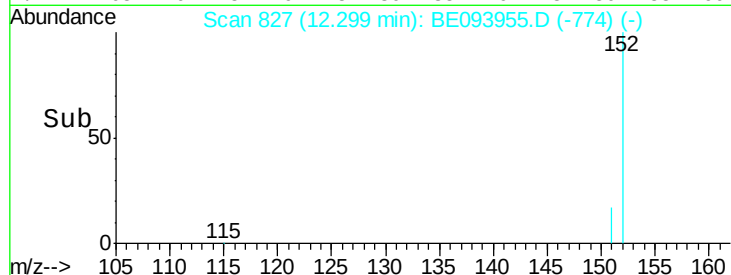
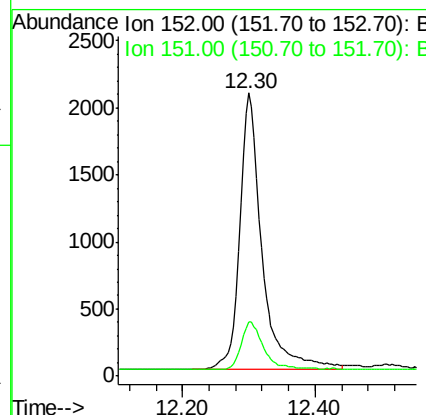
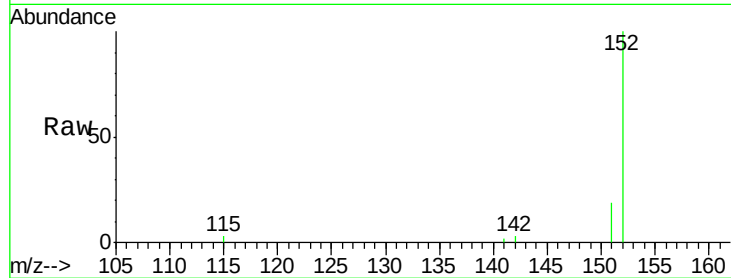
#11
 2-Methylnaphthalene-d10
 Concen: 0.295 ng
 RT: 12.30 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD

Tgt Ion:152 Resp: 4795
 Ion Ratio Lower Upper
 152 100
 151 17.2 15.4 23.0

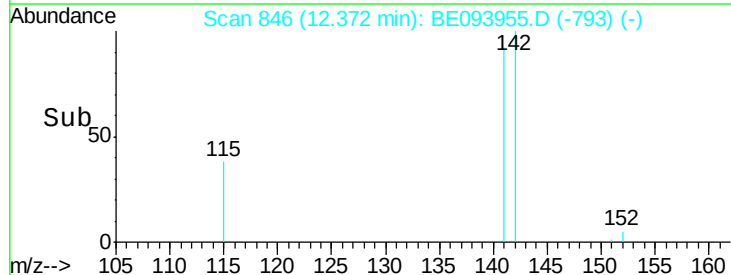
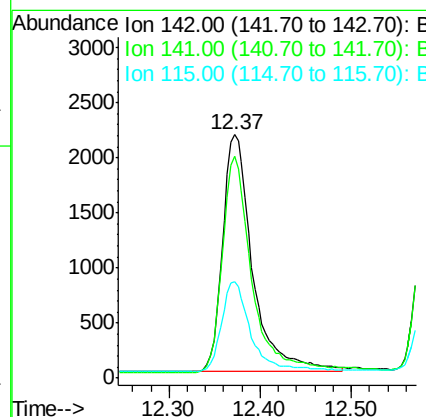
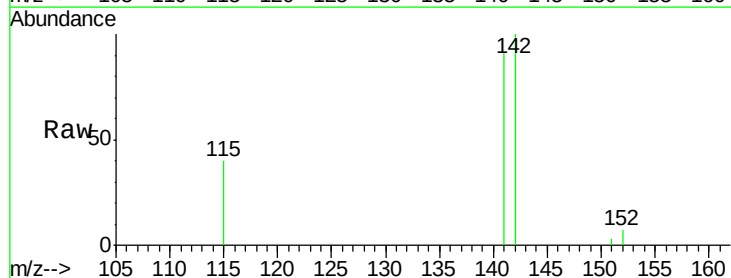
Manual Integrations
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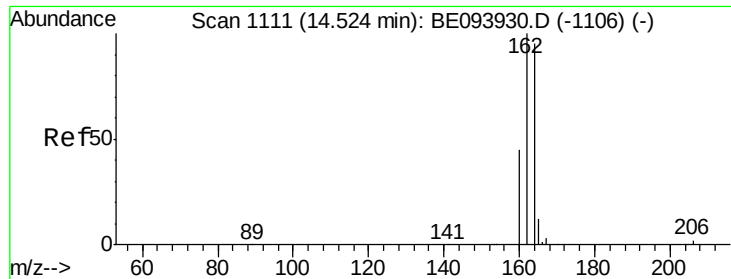
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#12
 2-Methylnaphthalene
 Concen: 0.257 ng
 RT: 12.37 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Tgt Ion:142 Resp: 4955
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.4 107.2
 115 39.6 29.4 44.0





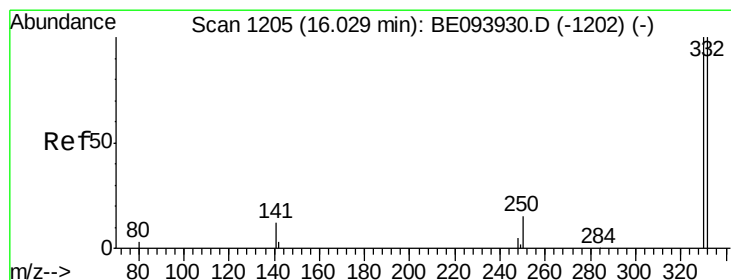
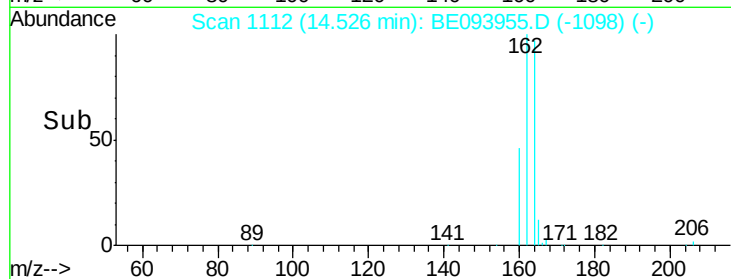
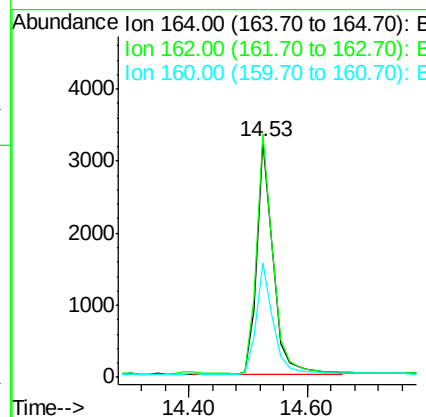
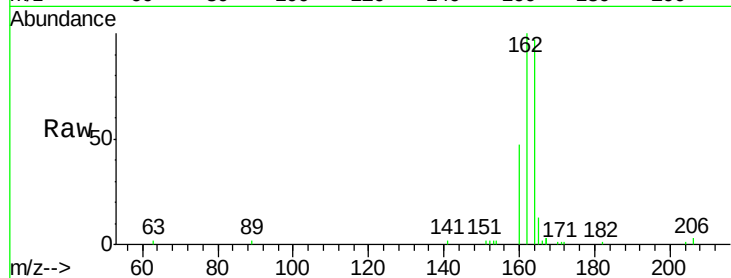
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.8	121.2
160	48.4	37.0	55.4

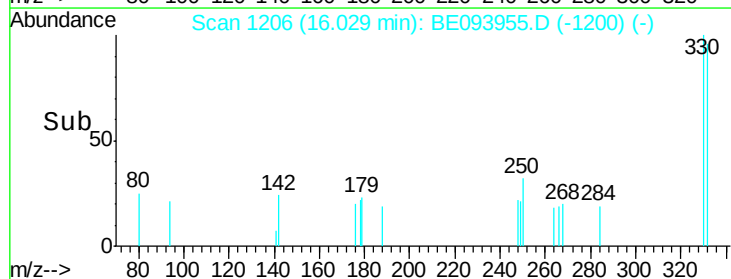
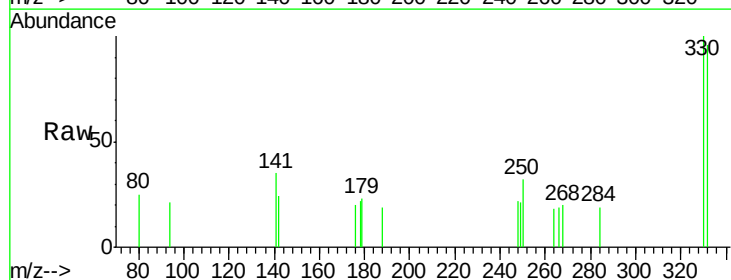
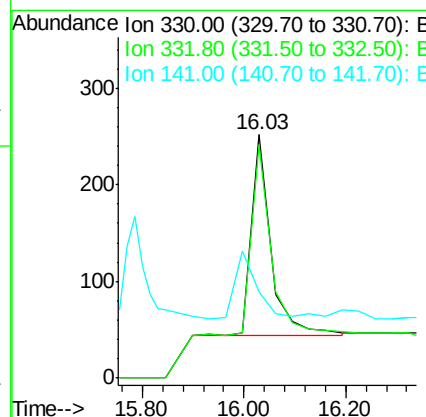
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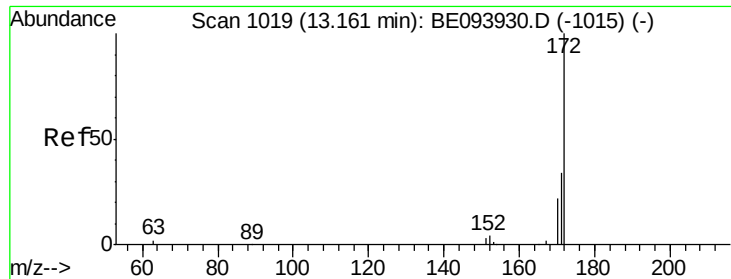
Sohil
 9/12/2017 6:03:54 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.296 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	0.0	0.0	0.0





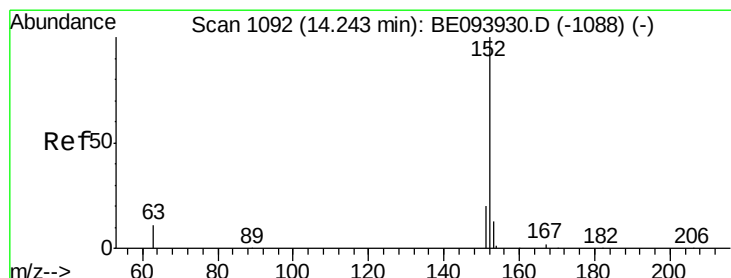
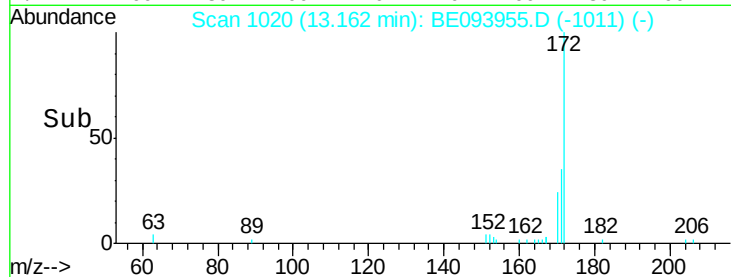
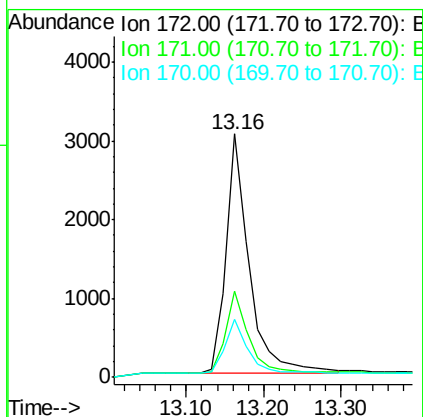
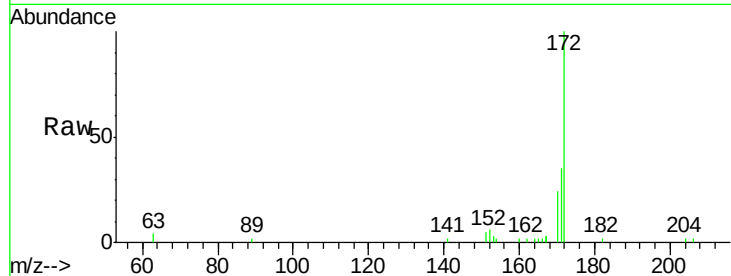
#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :
PB102204BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.9	40.3
170	24.1	17.3	25.9

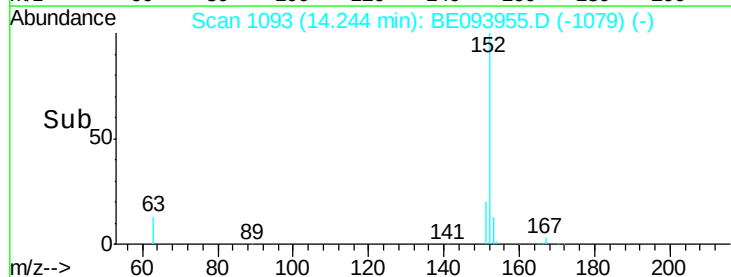
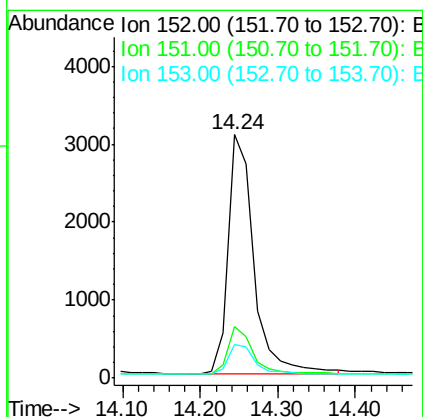
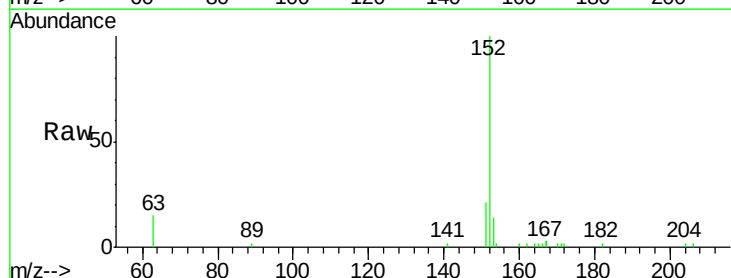
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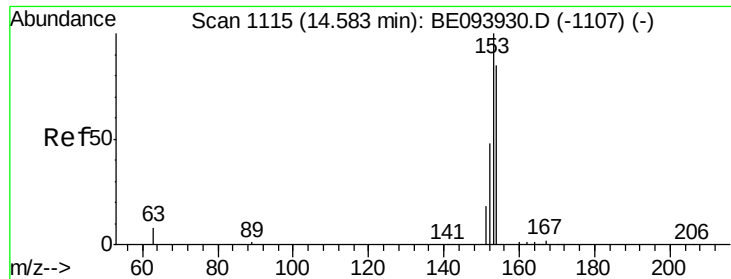
Sohil
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#16
Acenaphthylene
Concen: 0.234 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.4	10.6	16.0





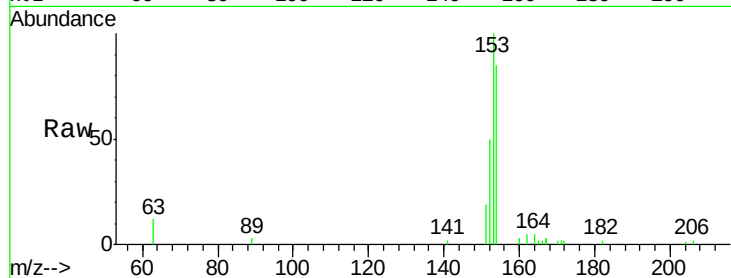
#17
Acenaphthene
Concen: 0.249 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :
PB102204BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.1	5063	91.8	137.6
152	54.8		44.9	67.3

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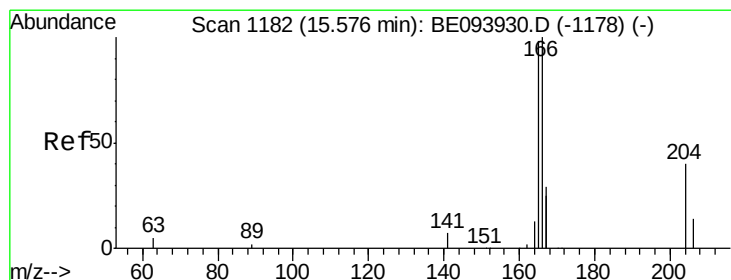
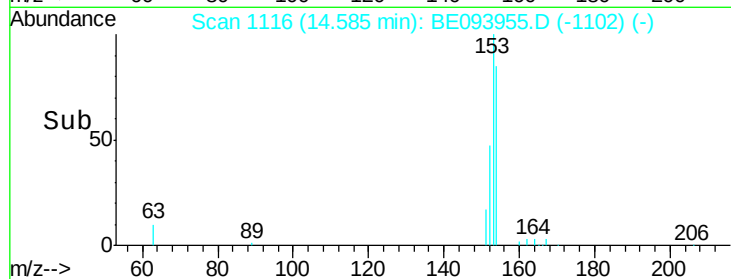
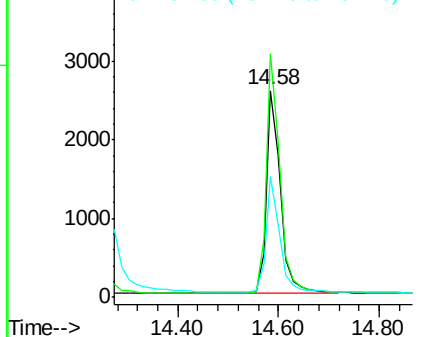


Abundance

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: 0.258 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

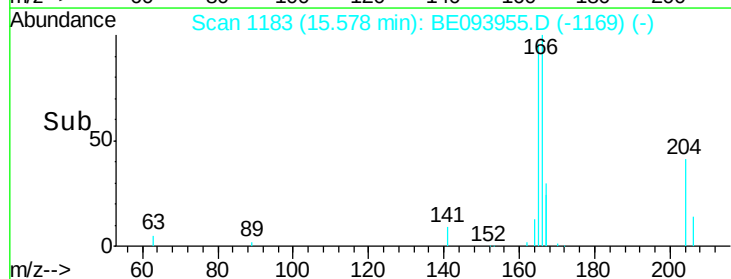
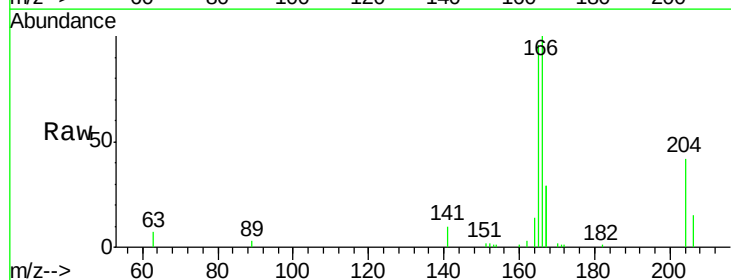
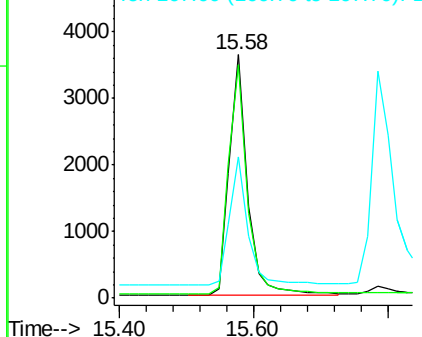
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	6776		
165	97.9		79.4	119.0
167	52.8		43.5	65.3

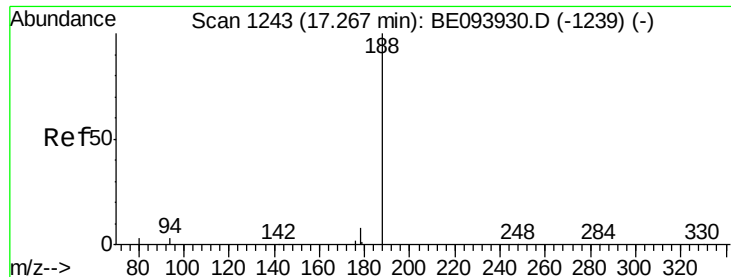
Abundance

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: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

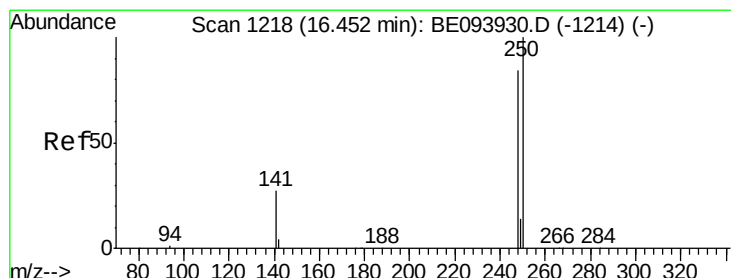
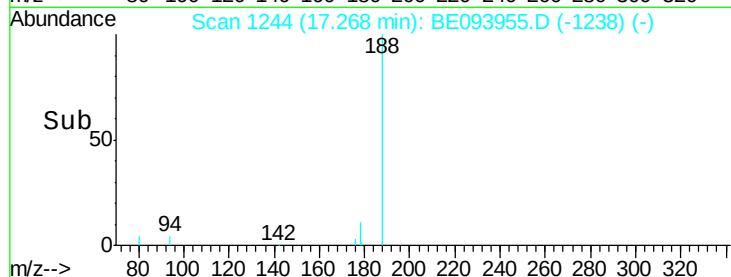
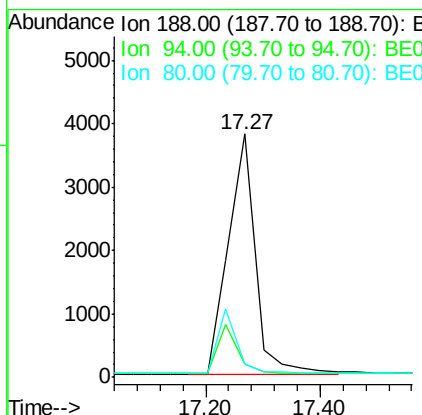
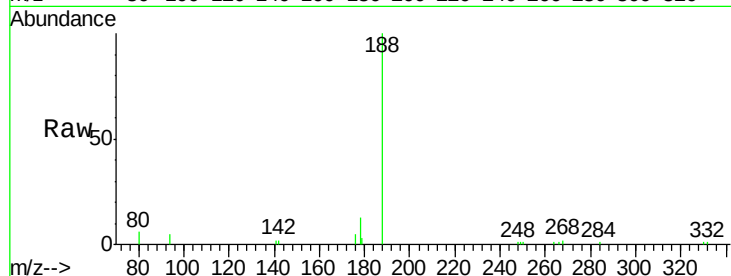
ClientSampled :

PB102204BSD

Tgt Ion:	188	Resp:	12345
Ion Ratio	Lower	Upper	
188	100		
94	5.4	16.1	24.1#
80	5.7	18.2	27.2#

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#20

4-Bromophenyl-phenylether

Concen: 0.227 ng

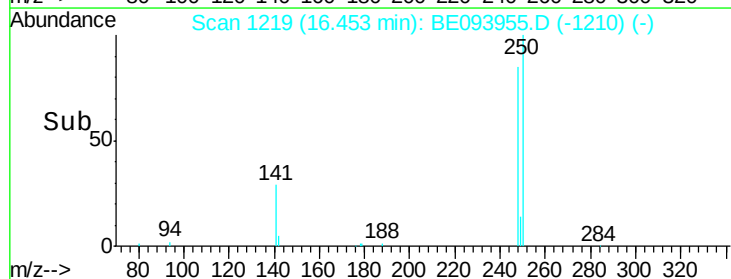
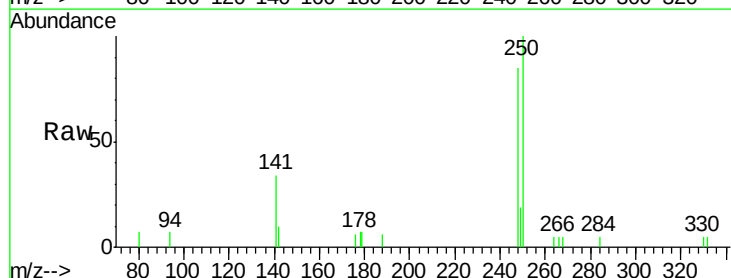
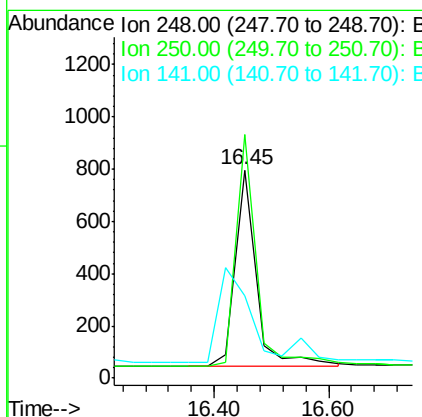
RT: 16.45 min Scan# 1219

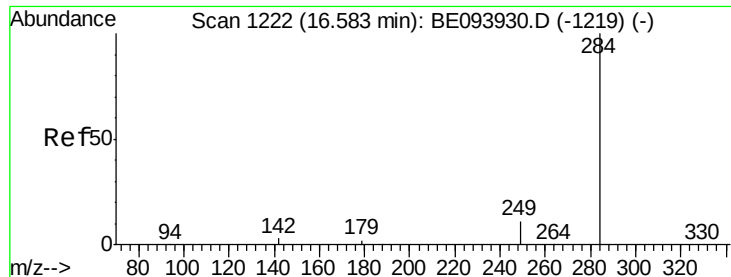
Delta R.T. 0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Tgt Ion:	248	Resp:	1881
Ion Ratio	Lower	Upper	
248	100		
250	117.1	111.8	167.8
141	39.8	27.1	40.7





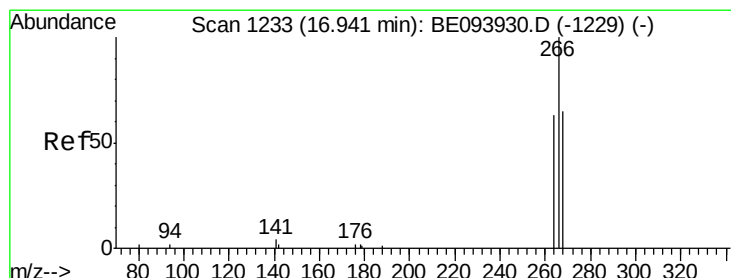
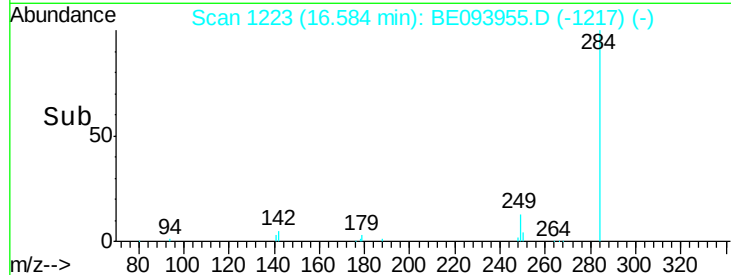
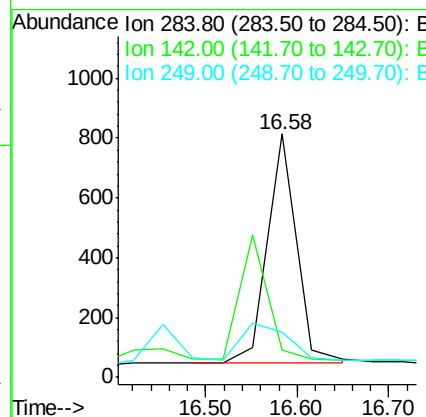
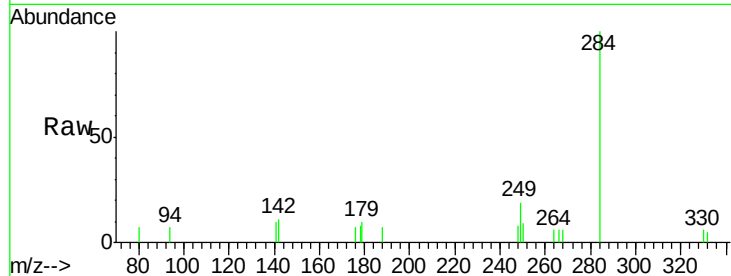
#21
Hexachlorobenzene
Concen: 0.236 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Instrument :
BNA_E
ClientSampled :
PB102204BSD

Tgt Ion:	284	Resp:	1717
Ion Ratio	Lower	Upper	
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

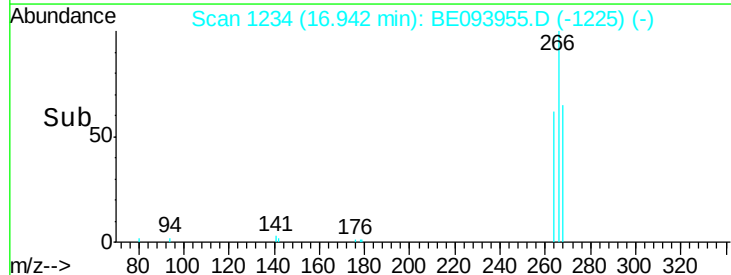
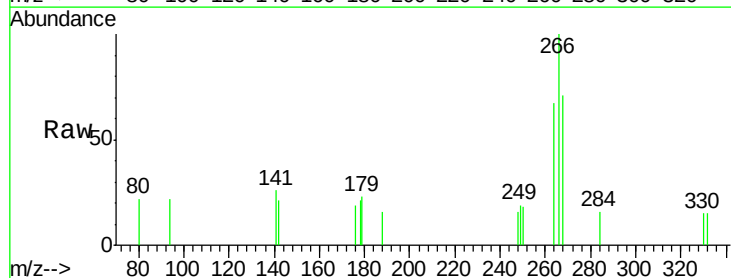
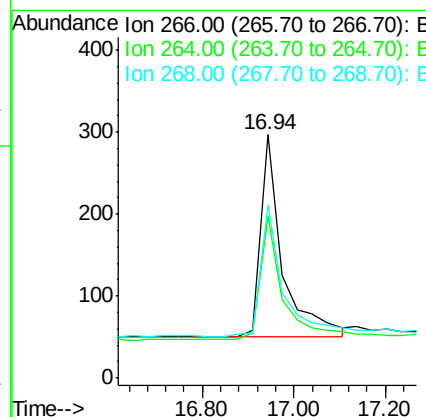
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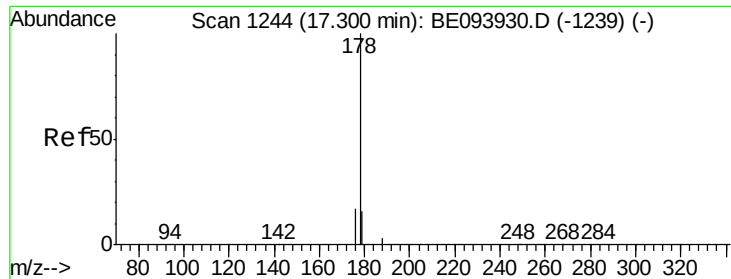
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#22
Pentachlorophenol
Concen: 0.422 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Tgt Ion:	266	Resp:	827
Ion Ratio	Lower	Upper	
266	100		
264	66.7	53.5	80.3
268	71.4	60.0	90.0





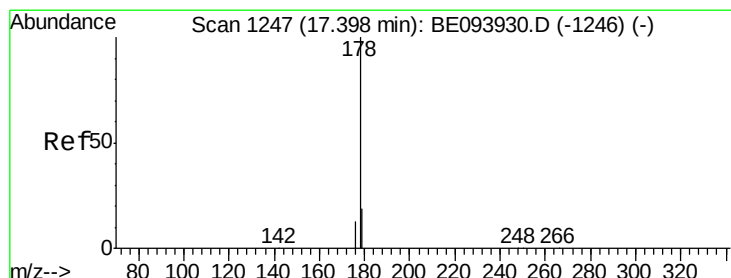
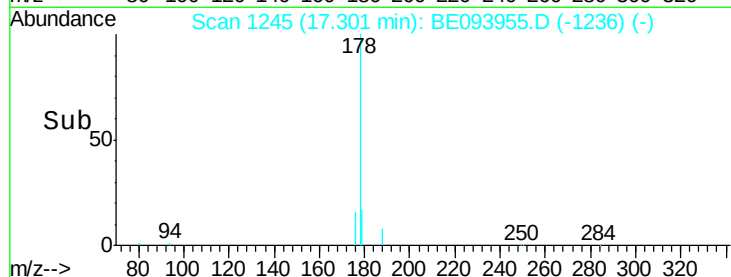
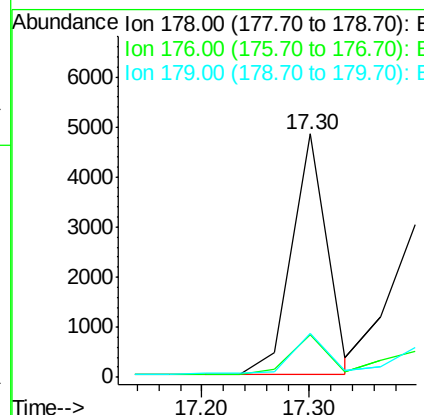
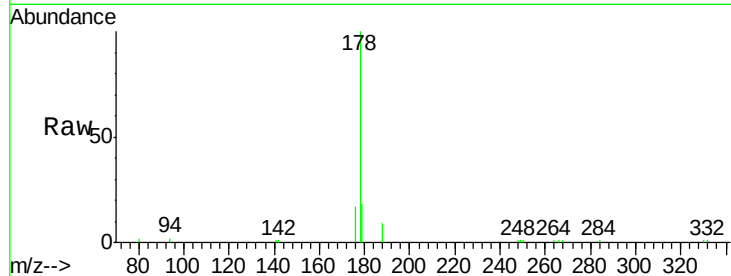
#23
Phenanthrene
Concen: 0.201 ng m
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :
PB102204BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.5	0.0	0.0#
179	18.6	12.6	18.8

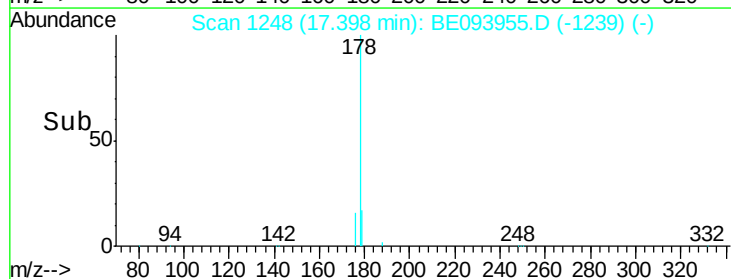
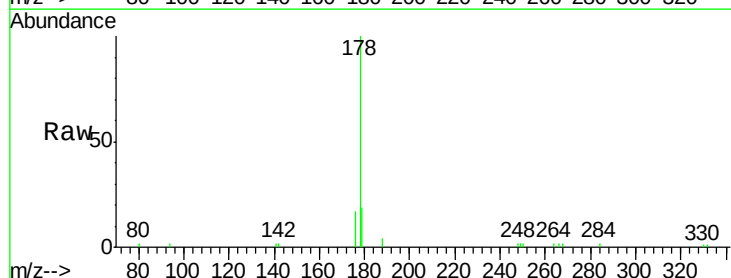
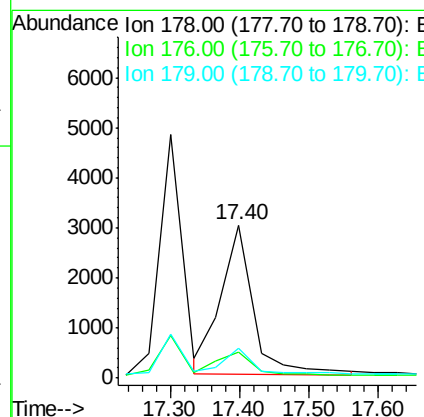
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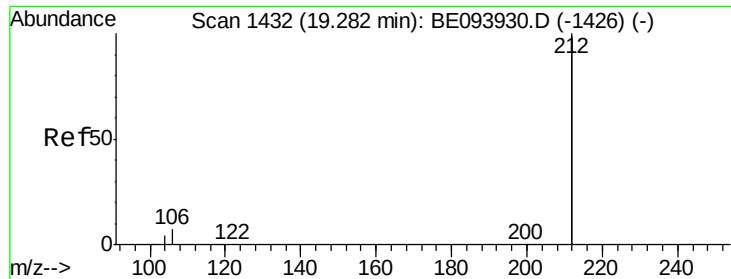
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#24
Anthracene
Concen: 0.259 ng m
RT: 17.40 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	12.7	0.0	0.0#





#25

Fluoranthene-d10

Concen: 0.282 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

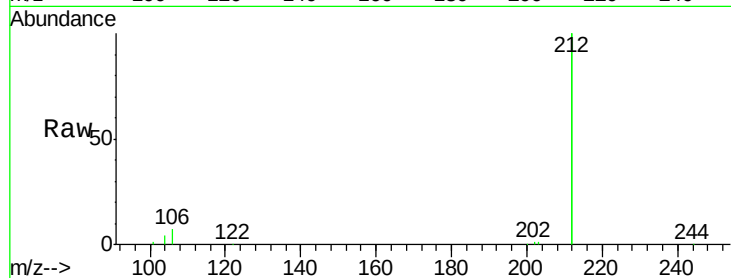
ClientSampleId :

PB102204BSD

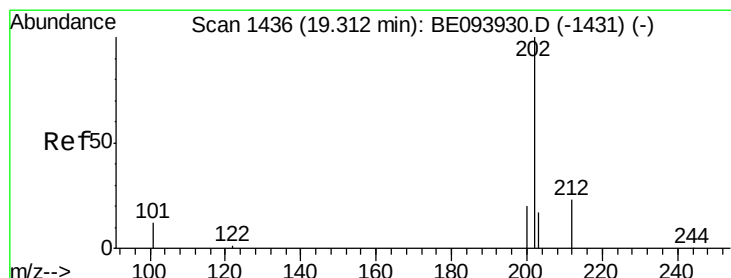
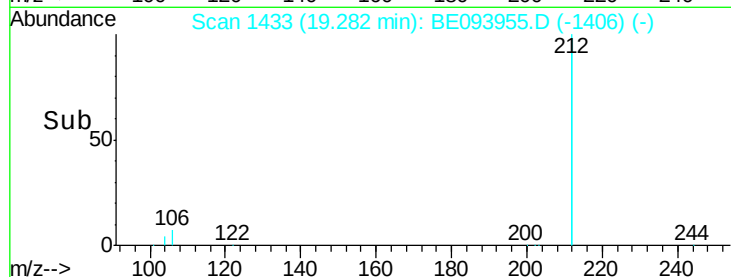
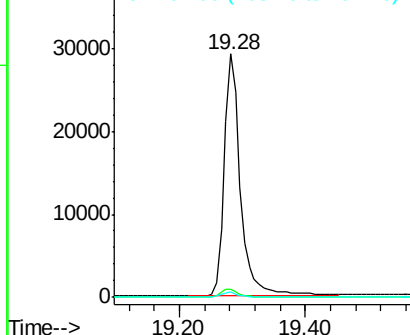
Tgt Ion:	212	Resp:	51785
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.7	4.1
104	2.0	1.6	2.4

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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: 0.254 ng

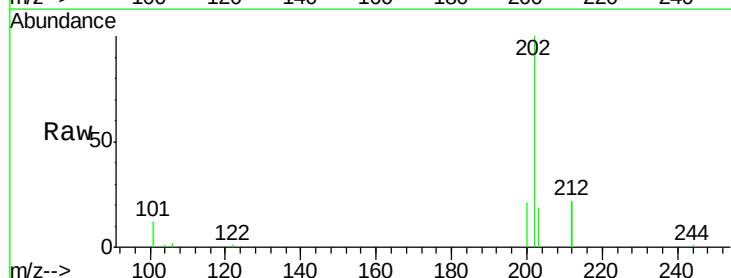
RT: 19.31 min Scan# 1437

Delta R.T. -0.00 min

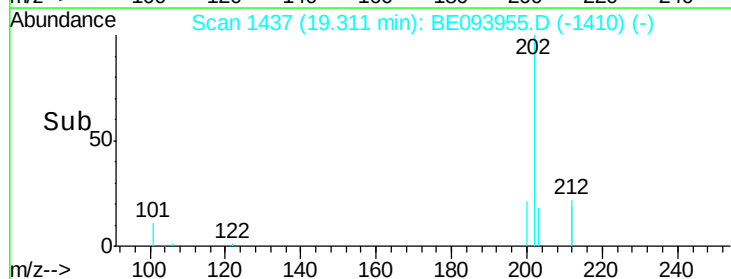
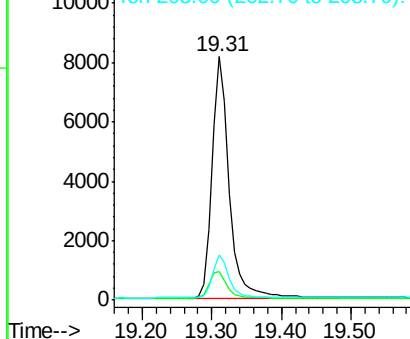
Lab File: BE093955.D

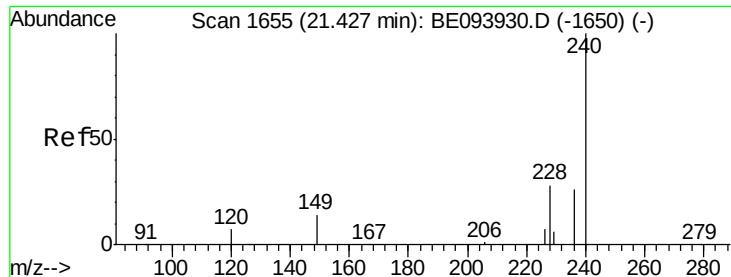
Acq: 11 Sep 2017 10:22

Tgt Ion:	202	Resp:	13981
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.7	14.5
203	17.2	13.7	20.5



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. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

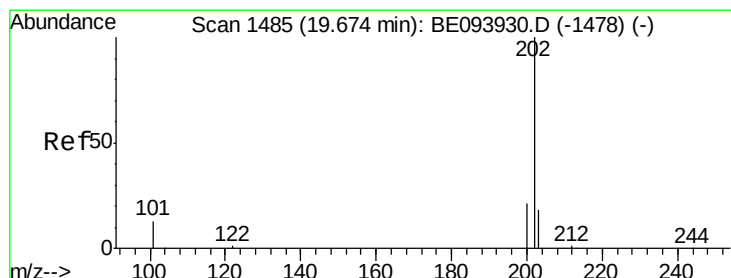
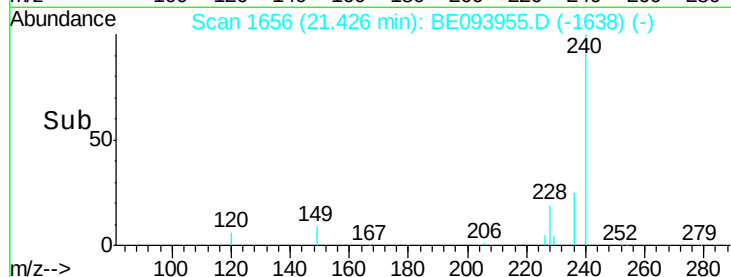
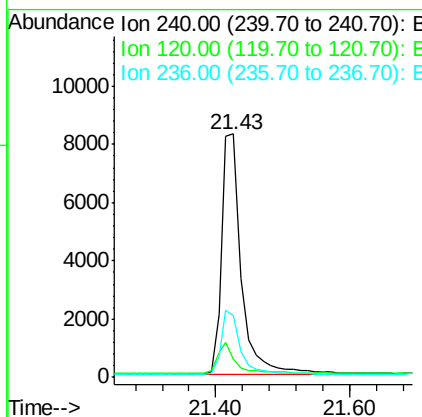
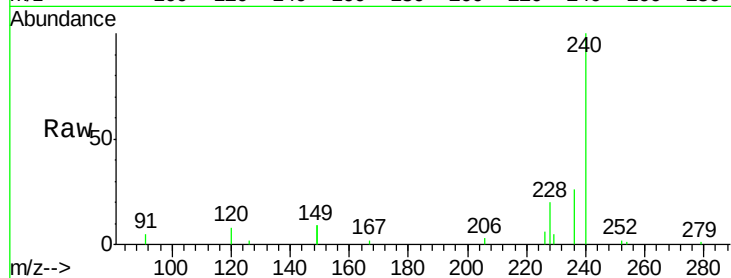
PB102204BSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.7	13.1#
236	25.5	21.3	31.9

Manual Integrations
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#28

Pyrene

Concen: 0.240 ng

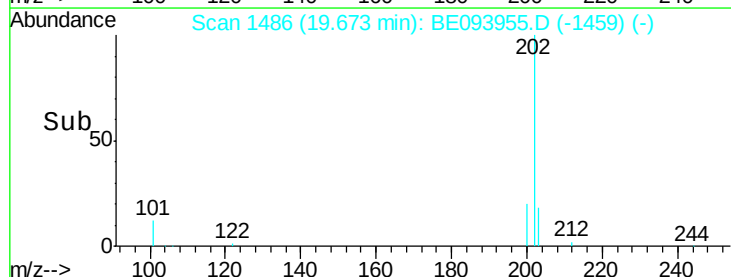
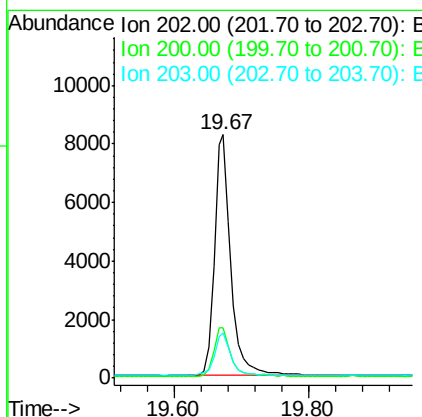
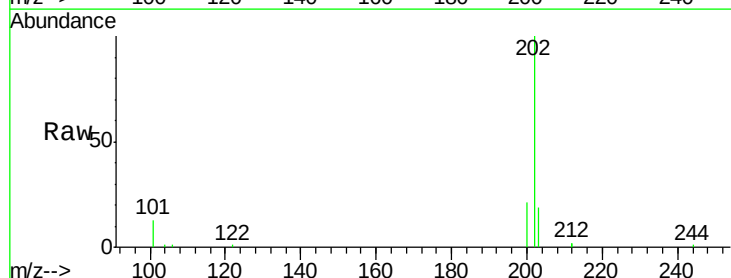
RT: 19.67 min Scan# 1486

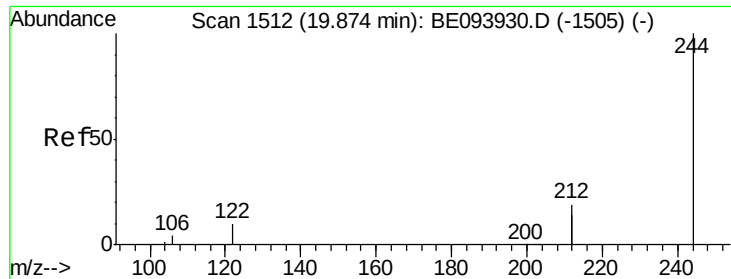
Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.3	14.2	21.4





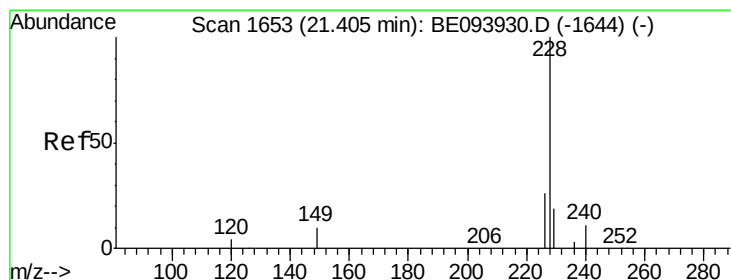
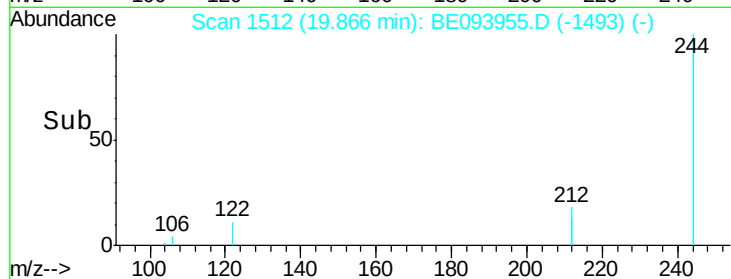
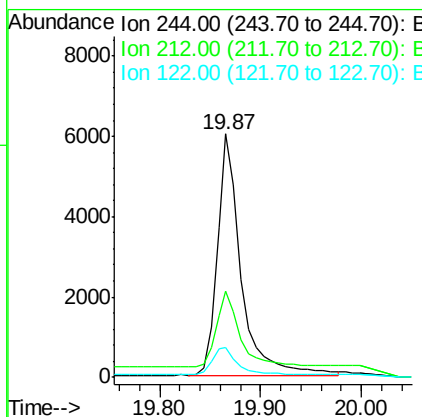
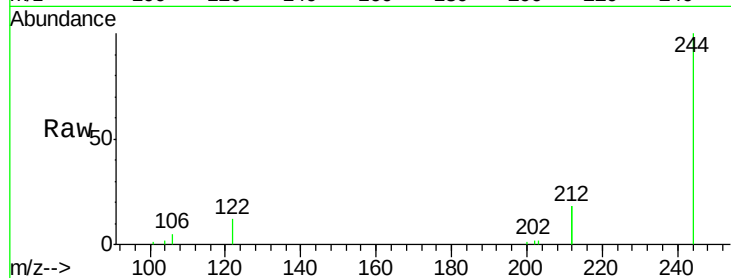
#29
 Terphenyl-d14
 Concen: 0.309 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	9824		
212	35.2	28.3	42.5	
122	12.2	9.4	14.0	

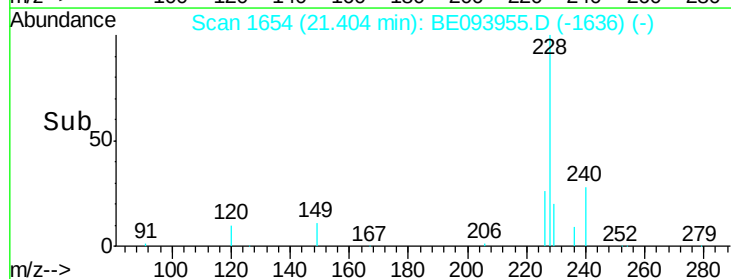
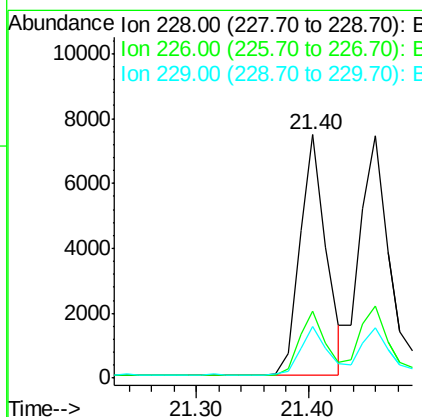
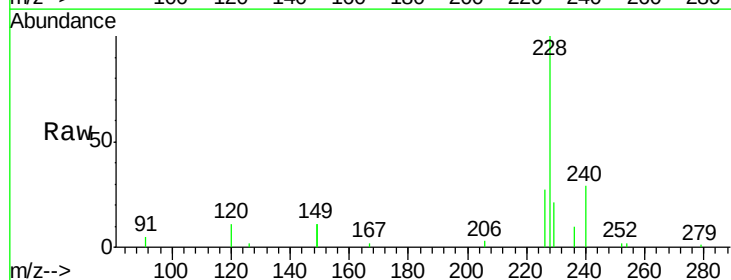
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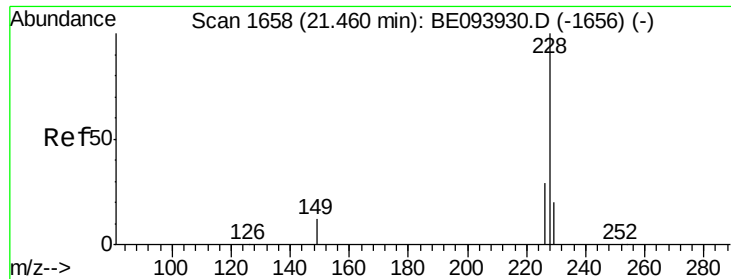
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#30
 Benzo(a)anthracene
 Concen: 0.227 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	12054		
226	27.3	20.8	31.2	
229	21.3	16.6	25.0	





#31

Chrysene

Concen: 0.253 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

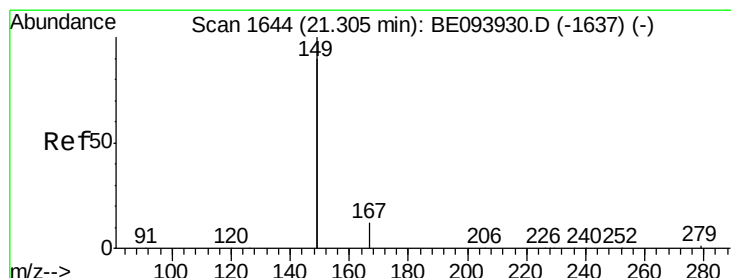
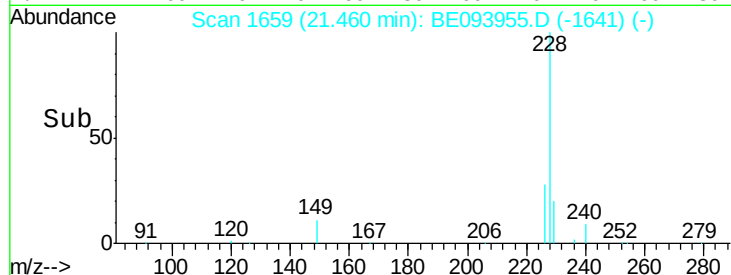
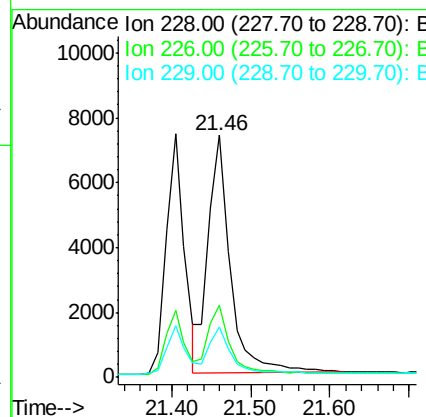
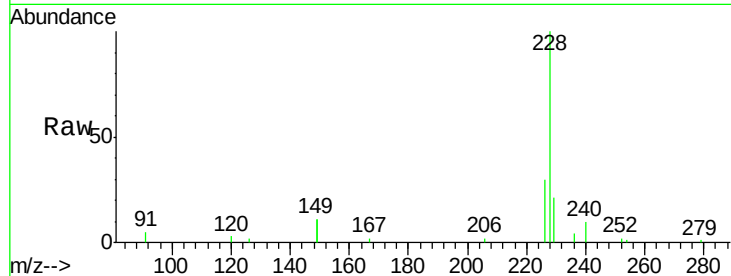
ClientSampleId :

PB102204BSD

Tgt Ion:	228	Resp:	14198
Ion Ratio		Lower	Upper
228	100		
226	29.6	24.6	37.0
229	20.9	15.8	23.8

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.263 ng

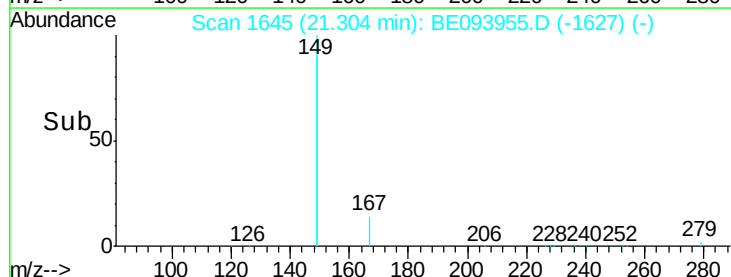
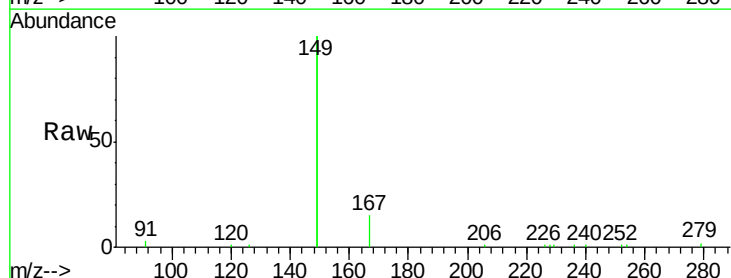
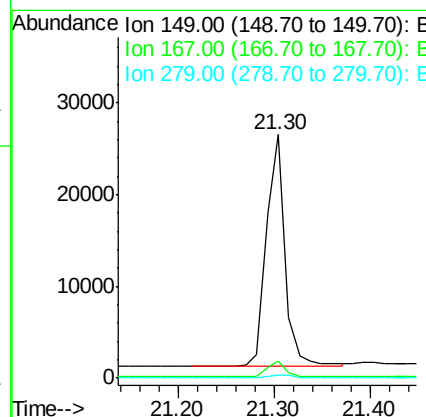
RT: 21.30 min Scan# 1645

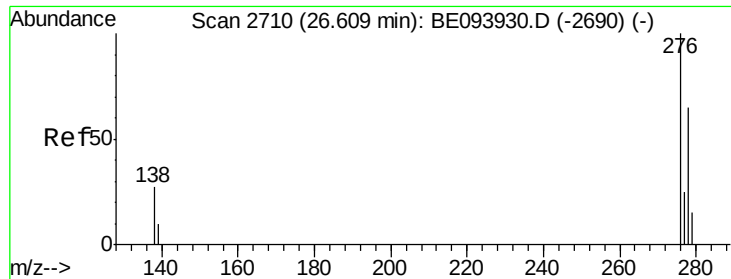
Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

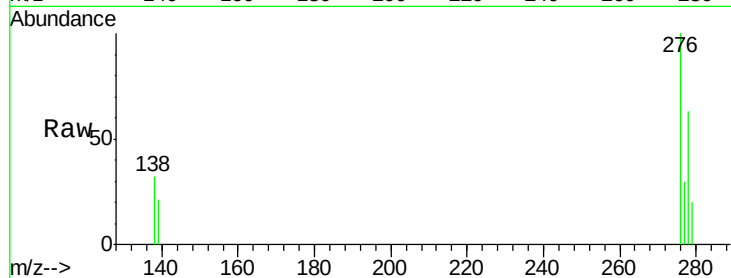
Tgt Ion:	149	Resp:	33968
Ion Ratio		Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.211 ng
 RT: 26.61 min Scan# 2710
 Delta R.T. -0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

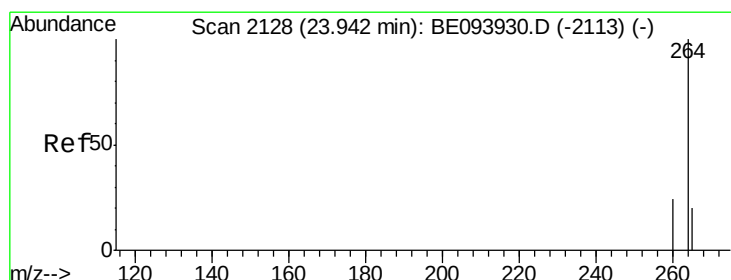
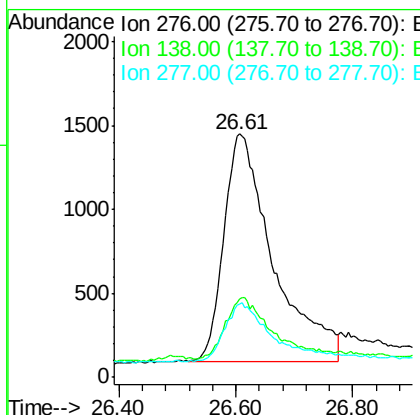
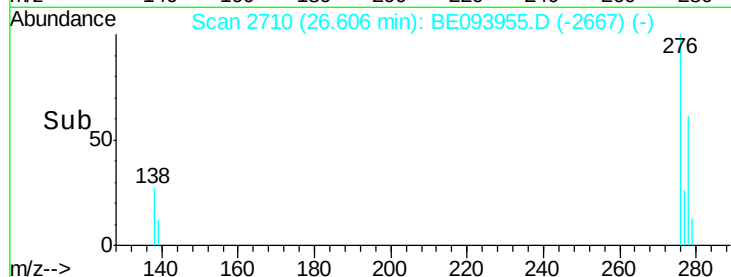
Instrument :
 BNA_E
 ClientSampleId :
 PB102204BSD



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	7912		
138	26.3		22.2	33.2
277	24.5		19.5	29.3

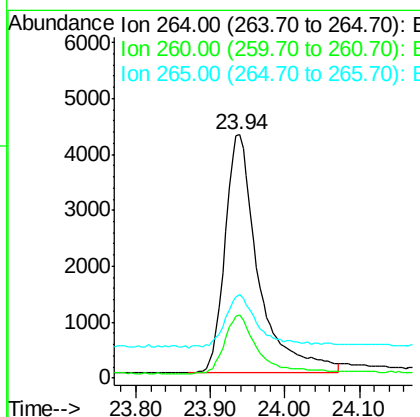
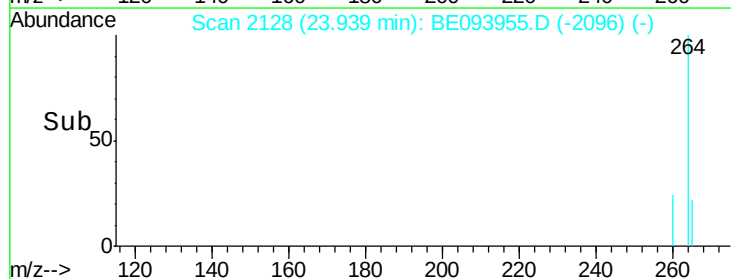
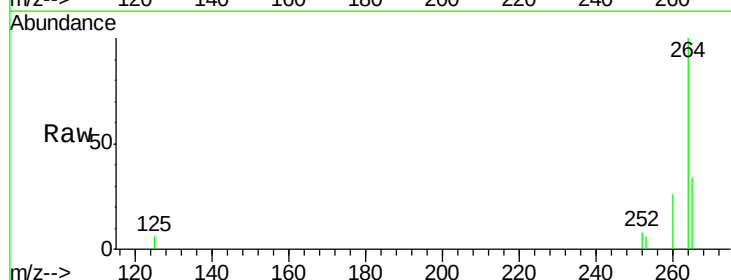
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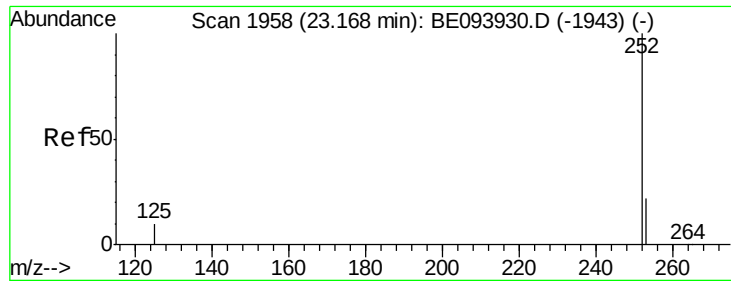
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE093955.D
 Acq: 11 Sep 2017 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	13237		
260	25.7		20.0	30.0
265	34.5		24.0	36.0





#35

Benzo(b)fluoranthene

Concen: 0.250 ng

RT: 23.16 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

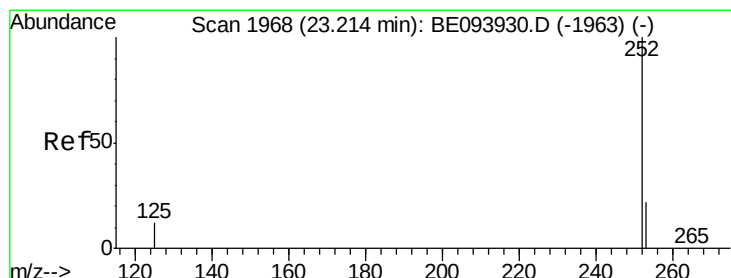
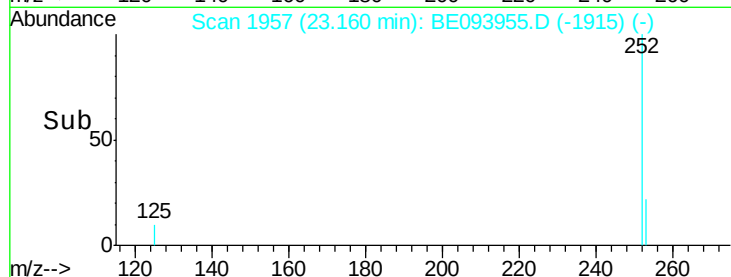
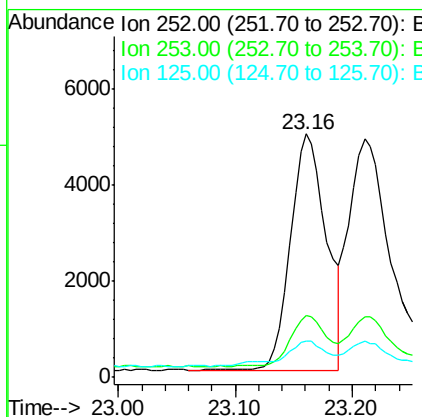
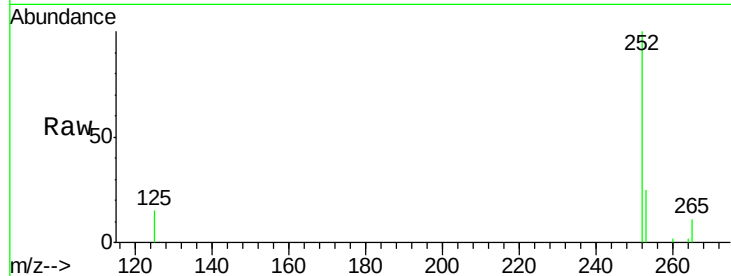
ClientSampleId :

PB102204BSD

Tgt Ion:	252	Resp:	10550
Ion Ratio	Lower	Upper	
252	100		
253	25.3	19.4	29.0
125	14.9	10.0	15.0

Manual Integrations
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#36

Benzo(k)fluoranthene

Concen: 0.260 ng

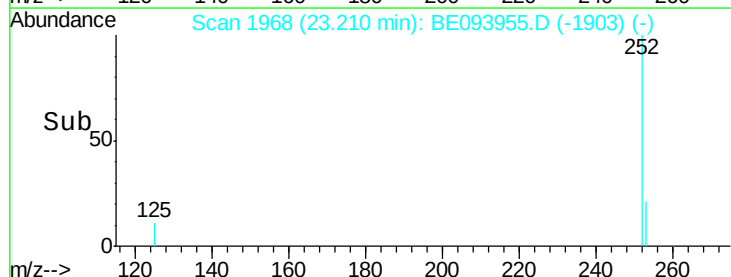
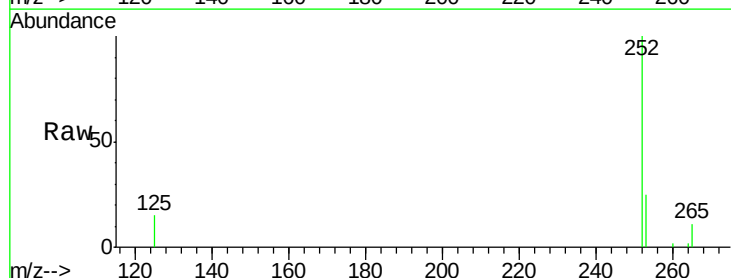
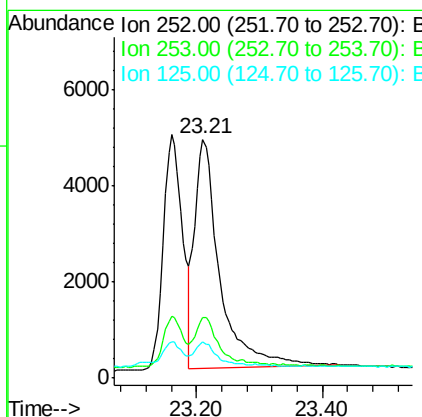
RT: 23.21 min Scan# 1968

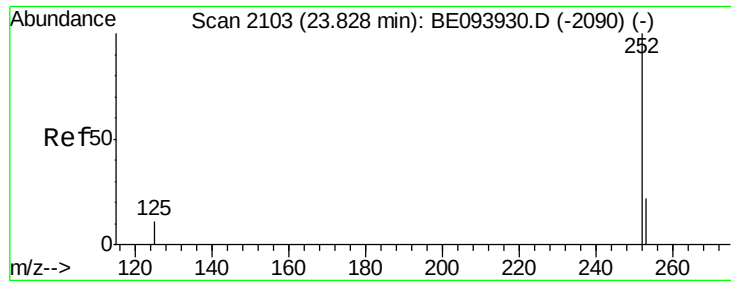
Delta R.T. -0.00 min

Lab File: BE093955.D

Acq: 11 Sep 2017 10:22

Tgt Ion:	252	Resp:	13436
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.1	27.1
125	15.2	9.8	14.6





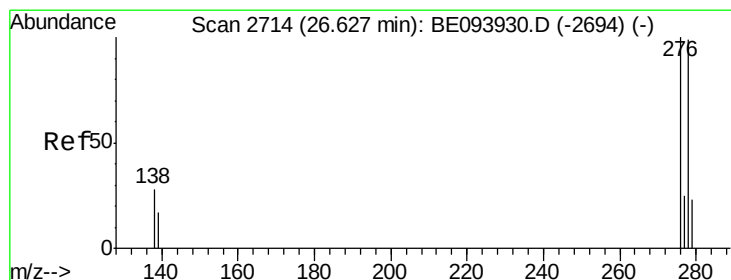
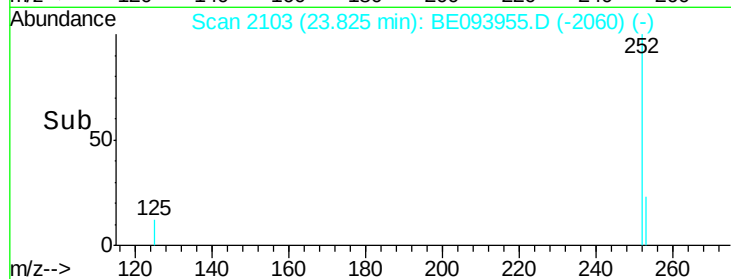
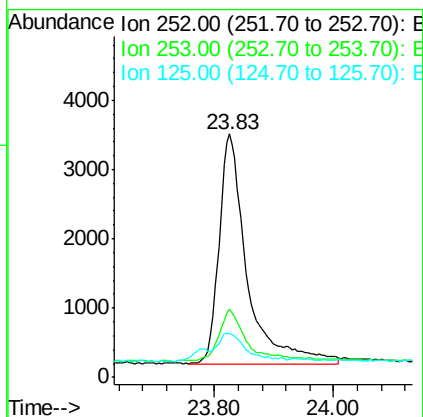
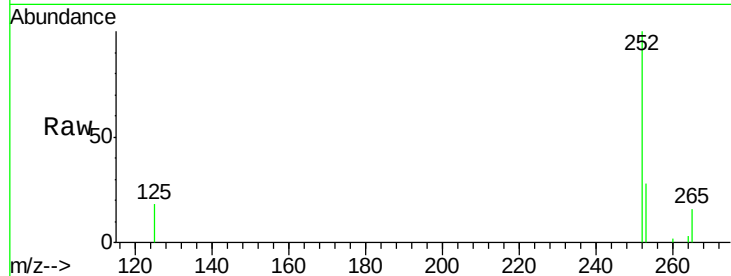
#37
Benzo(a)pyrene
Concen: 0.252 ng
RT: 23.83 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Instrument :
BNA_E
ClientSampleId :
PB102204BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.6	29.4
125	18.2	11.8	17.8

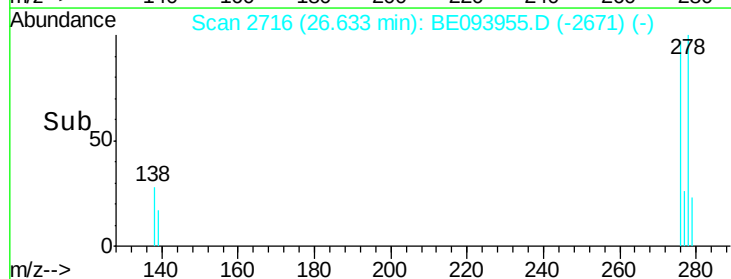
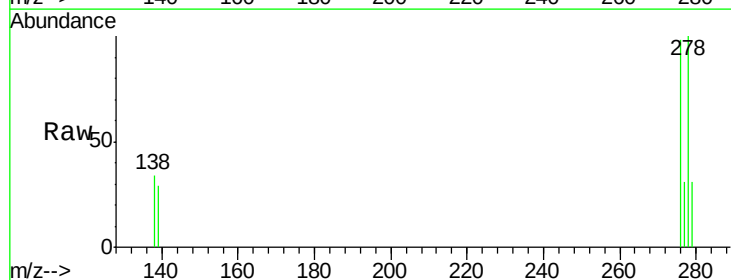
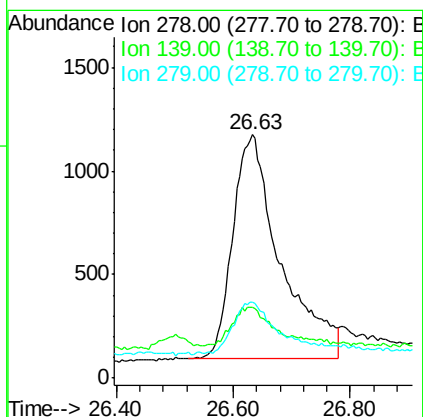
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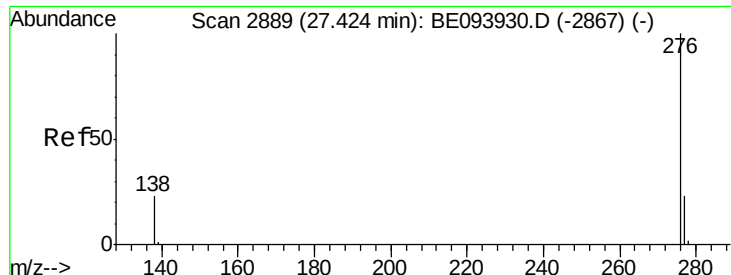
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#38
Dibenzo(a,h)anthracene
Concen: 0.215 ng
RT: 26.63 min Scan# 2716
Delta R.T. 0.01 min
Lab File: BE093955.D
Acq: 11 Sep 2017 10:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.9	16.7	25.1
279	31.2	21.6	32.4





#39

Benzo(g,h,i)perylene

Concen: 0.240 ng

RT: 27.43 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BE093955.D

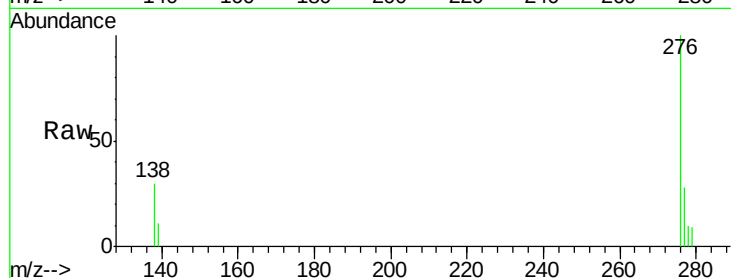
Acq: 11 Sep 2017 10:22

Instrument :

BNA_E

ClientSampleId :

PB102204BSD



Tgt Ion: 276 Resp: 7200

Ion Ratio Lower Upper

276 100

277 28.1 20.6 30.8

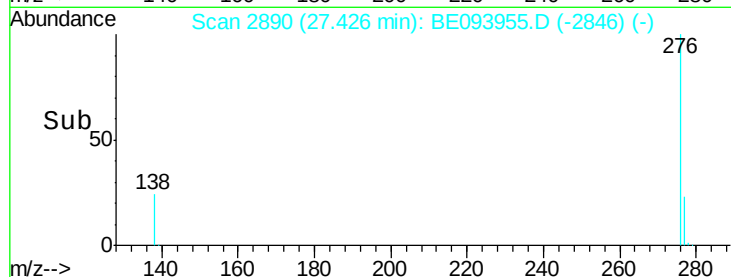
138 29.6 21.9 32.9

Manual Integrations

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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

