

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093036.D
 Acq On : 15 May 2017 16:13
 Operator : SJ/MA
 Sample : PB98886BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98886BSD

Manual Integrations
 APPROVED

mohammad
 5/17/2017 2:24:04 PM

Quant Time: May 16 01:51:07 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1099	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4170	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1714	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3563	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4213	0.40	ng	0.00
34) Perylene-d12	23.70	264	3684	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	789	0.23	ng	0.00
5) Phenol-d6	6.92	99	1012	0.22	ng	0.00
8) Nitrobenzene-d5	8.88	82	842	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	1723	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	106	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1866	0.26	ng	0.00
25) Fluoranthene-d10	19.14	212	2121	0.23	ng	0.00
29) Terphenyl-d14	19.74	244	2165	0.28	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	373	0.16	ng	# 35
3) n-Nitrosodimethylamine	3.61	42	437	0.22	ng	94
6) bis(2-Chloroethyl)ether	7.18	93	887	0.24	ng	# 100
9) Naphthalene	10.56	128	2582	0.24	ng	# 94
10) Hexachlorobutadiene	10.87	225	352	0.24	ng	98
12) 2-Methylnaphthalene	12.19	142	1548	0.23	ng	96
16) Acenaphthylene	14.10	152	6704	0.22	ng	100
17) Acenaphthene	14.46	154	1273	0.24	ng	98
18) Fluorene	15.44	166	1465	0.22	ng	100
20) 4-Bromophenyl-phenylether	16.36	248	288	0.26	ng	97
21) Hexachlorobenzene	16.47	284	416	0.22	ng	# 100
22) Pentachlorophenol	16.82	266	148	0.34	ng	92
23) Phenanthrene	17.19	178	2146	0.26	ng	98
24) Anthracene	17.28	178	2085	0.26	ng	99
26) Fluoranthene	19.18	202	10220	0.23	ng	# 100
28) Pyrene	19.53	202	10848	0.21	ng	# 96
30) Benzo(a)anthracene	21.27	228	2527	0.22	ng	98
31) Chrysene	21.30	228	3088m	0.25	ng	
32) Bis(2-ethylhexyl)phthalate	21.20	149	757	0.18	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.24	276	12084	0.27	ng	99
35) Benzo(b)fluoranthene	22.95	252	2654	0.23	ng	97
36) Benzo(k)fluoranthene	23.01	252	2848	0.24	ng	97
37) Benzo(a)pyrene	23.58	252	2514	0.24	ng	96
38) Dibenzo(a,h)anthracene	26.27	278	2487	0.25	ng	97
39) Benzo(g,h,i)perylene	27.00	276	10825	0.25	ng	96

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

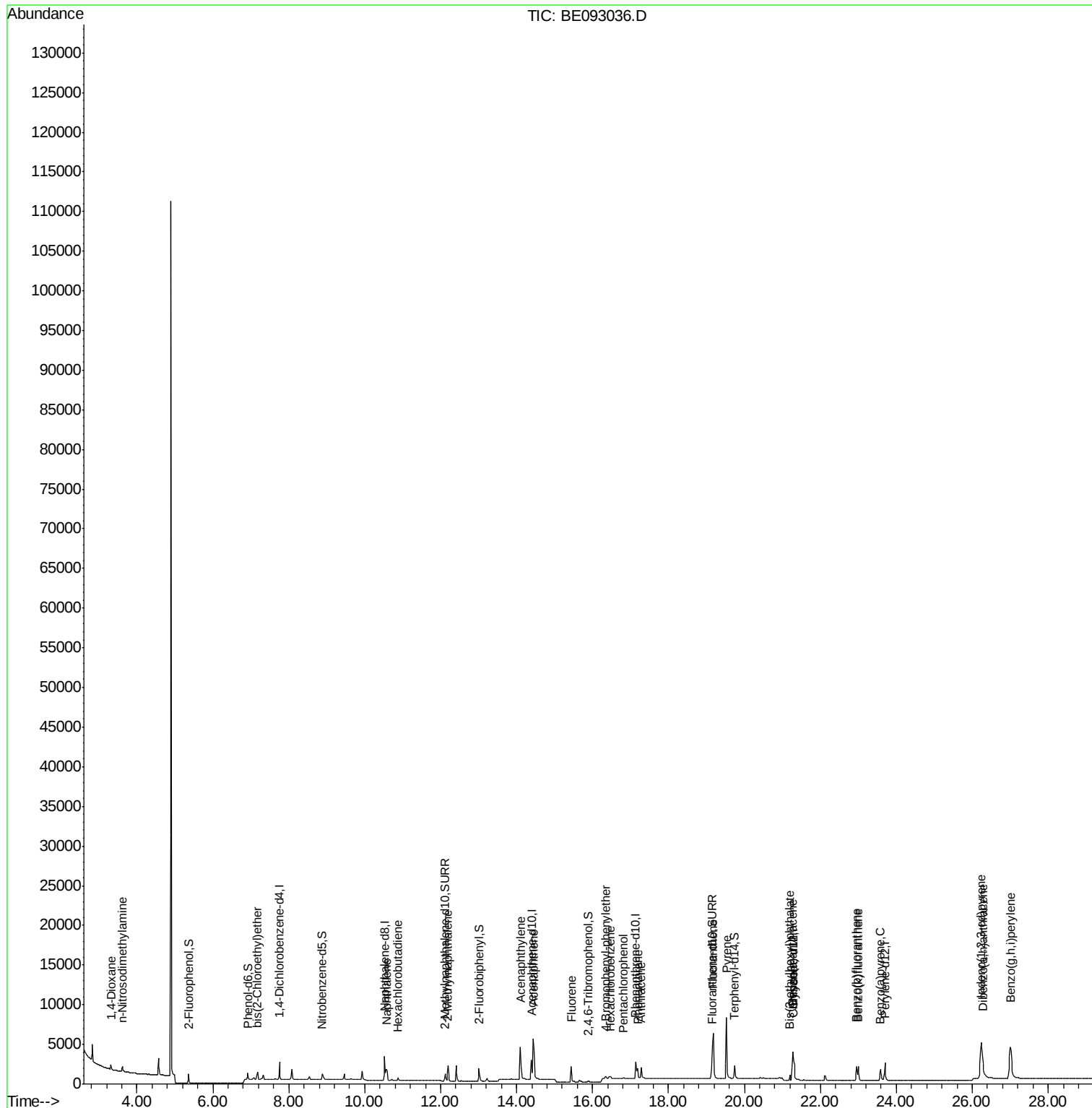
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093036.D
Acq On : 15 May 2017 16:13
Operator : SJ/MA
Sample : PB98886BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

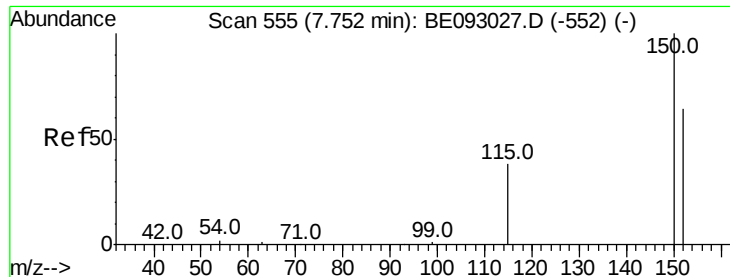
Instrument :
BNA_E
ClientSampleId :
PB98886BSD

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Quant Time: May 16 01:51:07 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

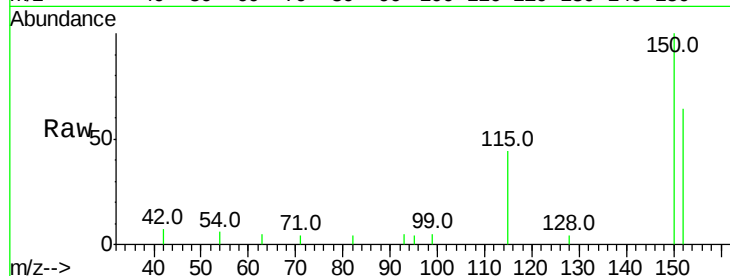
ClientSampleId :

PB98886BSD

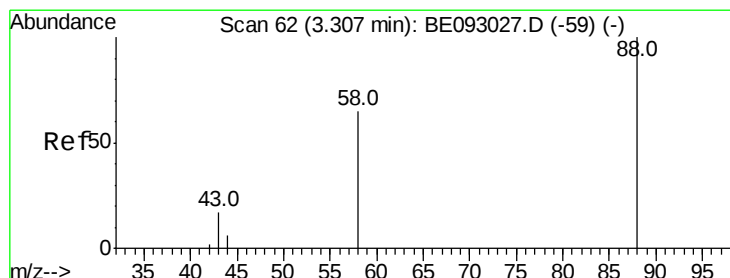
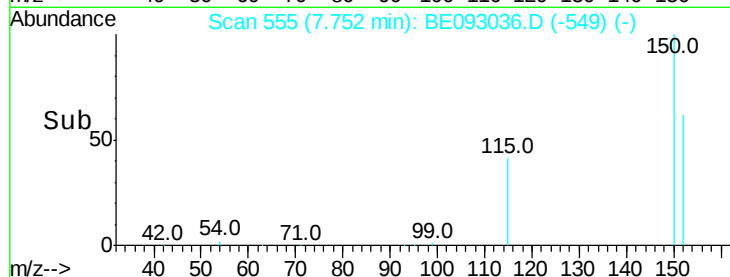
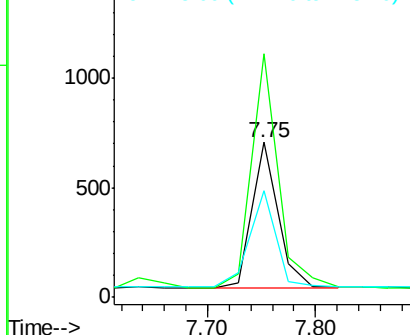
Tot Ion:	152	Resp:	1099
Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.1	187.7
115	69.3	55.7	83.5

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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: 0.16 ng

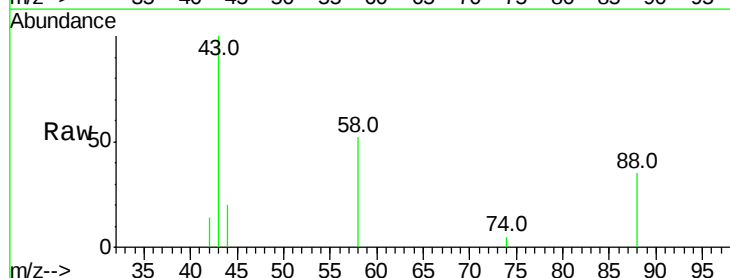
RT: 3.32 min Scan# 63

Delta R.T. 0.01 min

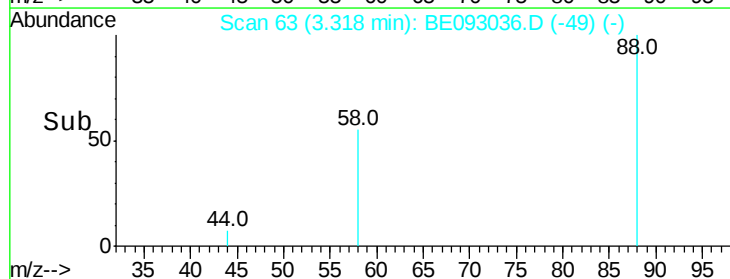
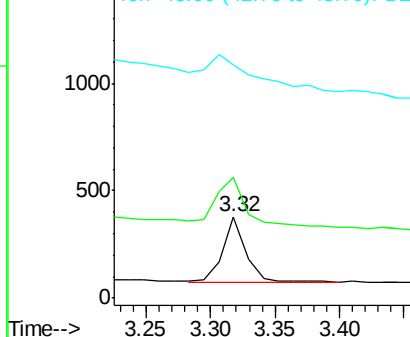
Lab File: BE093036.D

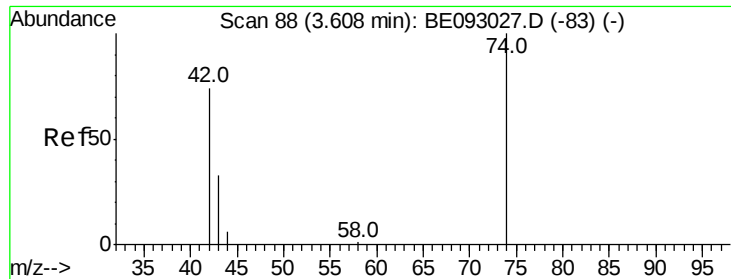
Acq: 15 May 2017 16:13

Tgt Ion:	88	Resp:	373
Ion	Ratio	Lower	Upper
88	100		
58	104.0	62.2	93.4#
43	114.5	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

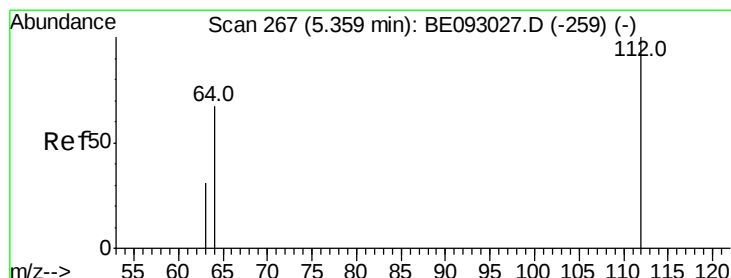
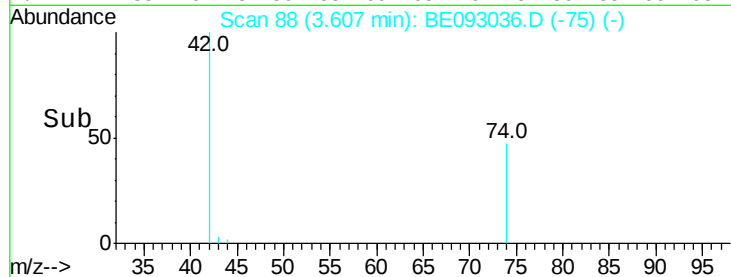
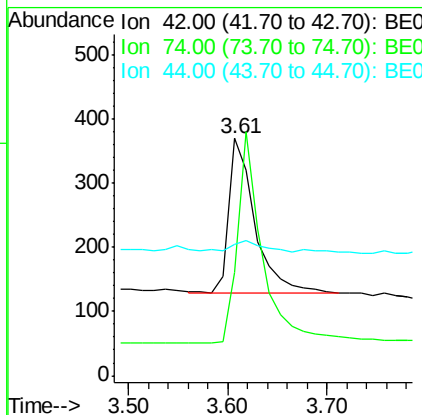
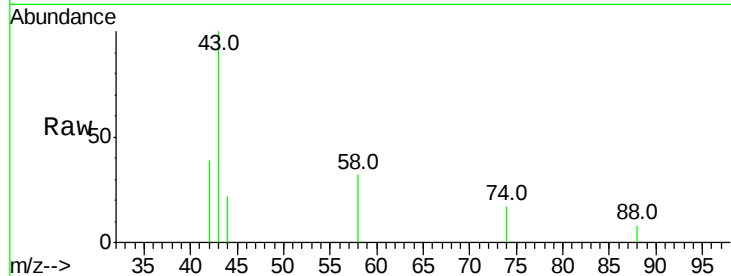
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE093036.D
Acq: 15 May 2017 16:13

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
42	100		
74	131.1	99.1	148.7
44	9.4	7.4	11.2

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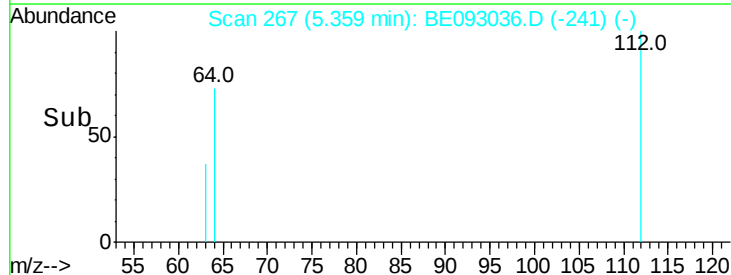
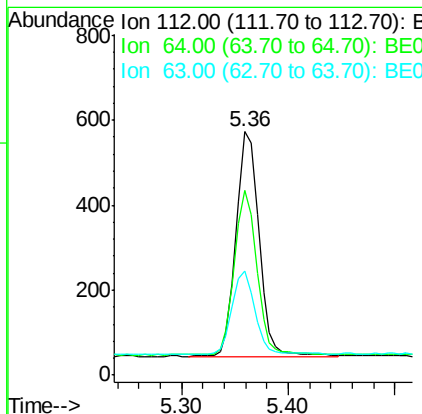
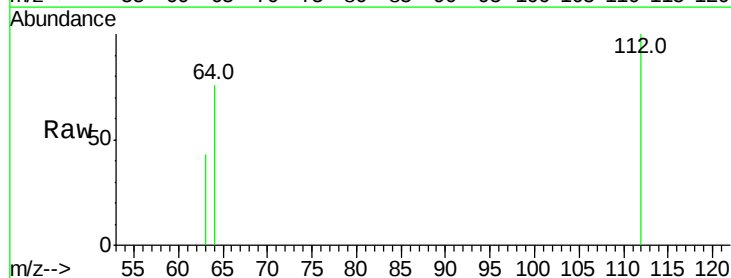
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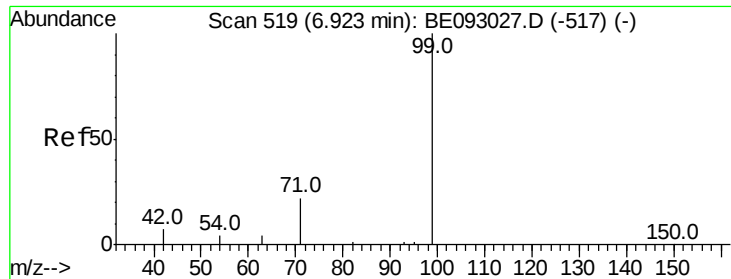


#4

2-Fluorophenol
Concen: 0.23 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE093036.D
Acq: 15 May 2017 16:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	56.4	84.6
63	37.0	29.3	43.9





#5

Phenol-d6

Concen: 0.22 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

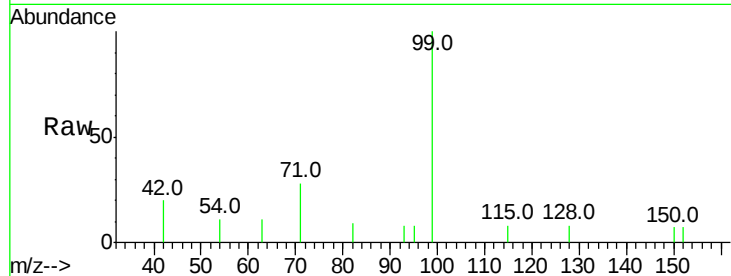
ClientSampleId :

PB98886BSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	1012		
42	0.0	0.0	0.0	0.0
71	33.5	0.0	0.0	0.0

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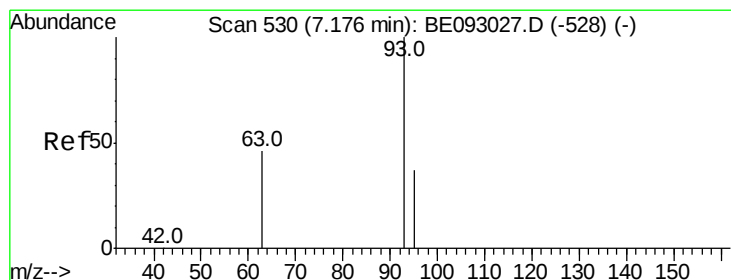
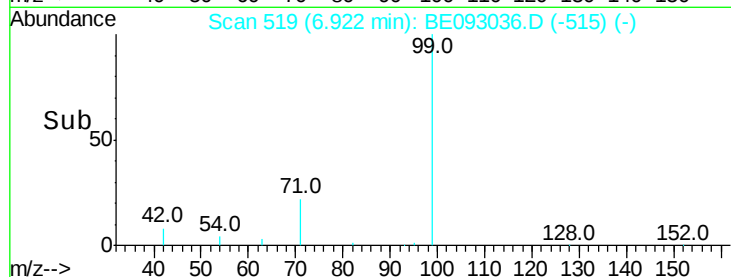
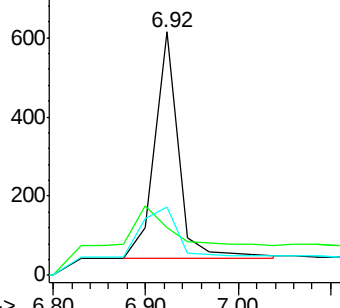
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Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.24 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE093036.D

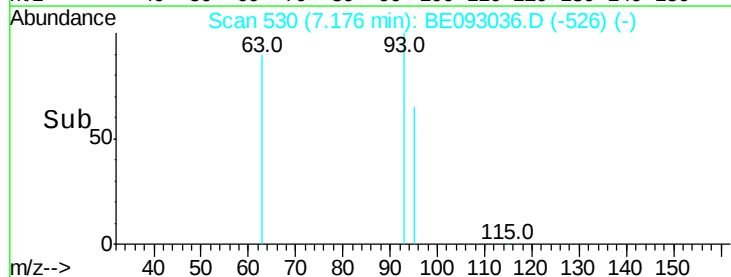
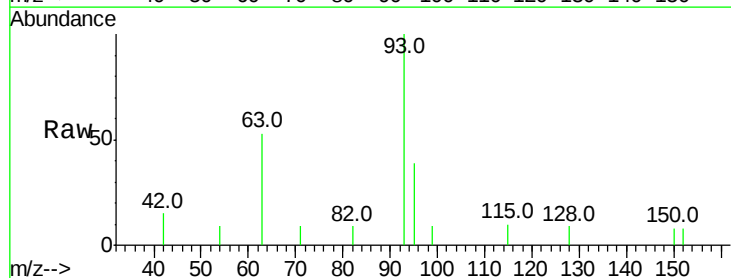
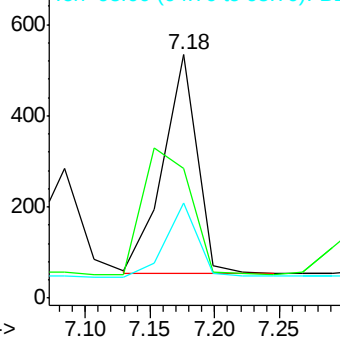
Acq: 15 May 2017 16:13

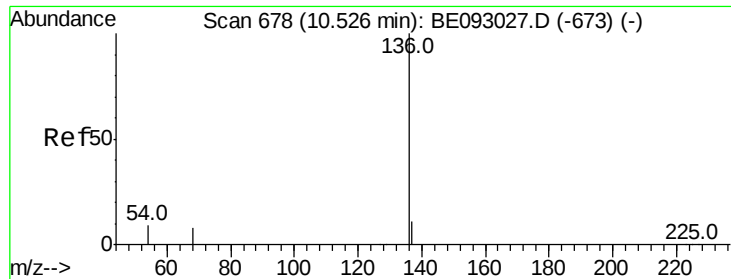
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	887		
63	0.0	0.0	0.0	0.0
95	31.7	25.4	38.0	

Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

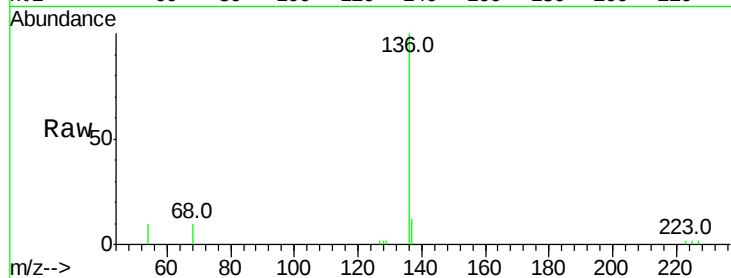
ClientSampleId :

PB98886BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	4170		
137	12.2		9.8	14.8
54	10.4		10.3	15.5
68	9.5		9.0	13.4

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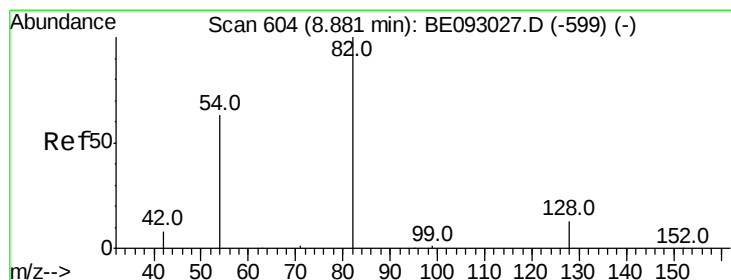
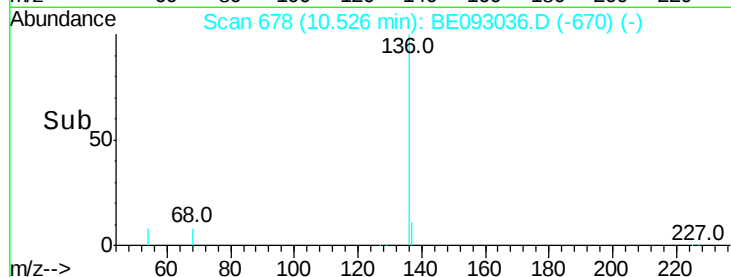
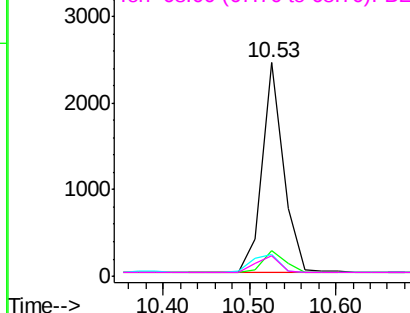


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.23 ng

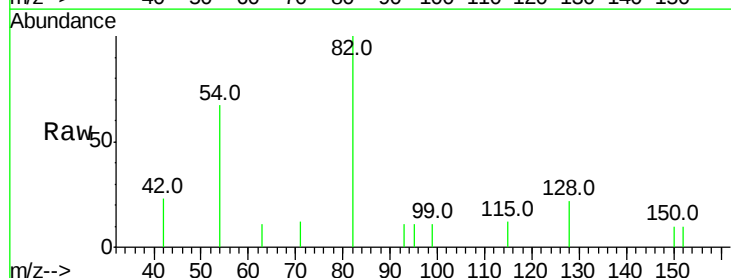
RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

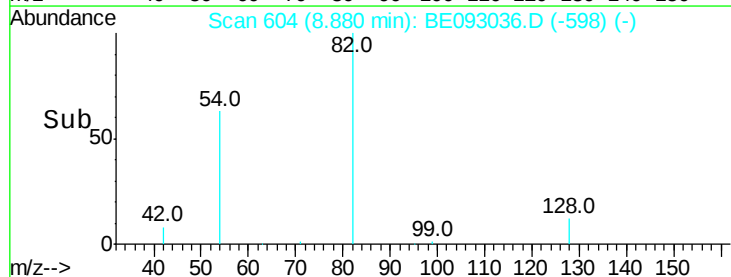
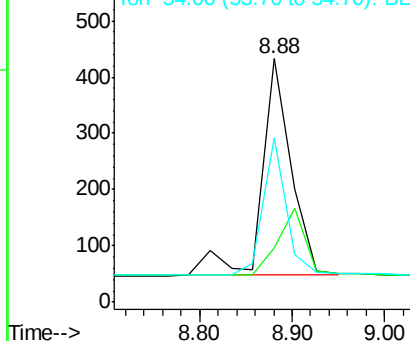
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	842		
128	22.2		17.0	25.4
54	67.4		53.8	80.6

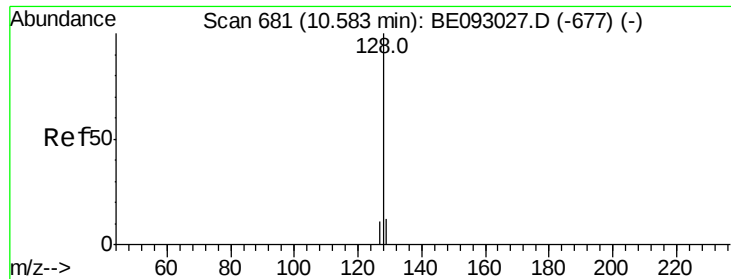


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.24 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.02 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

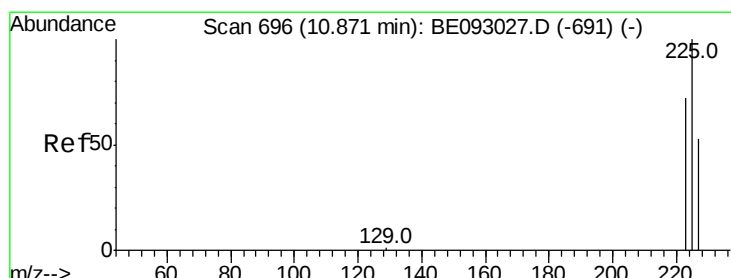
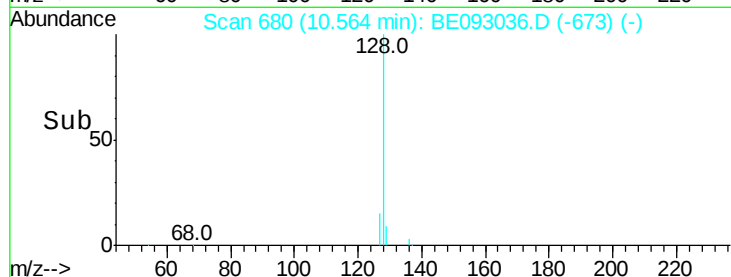
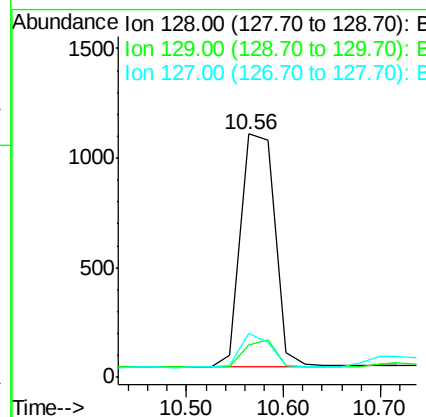
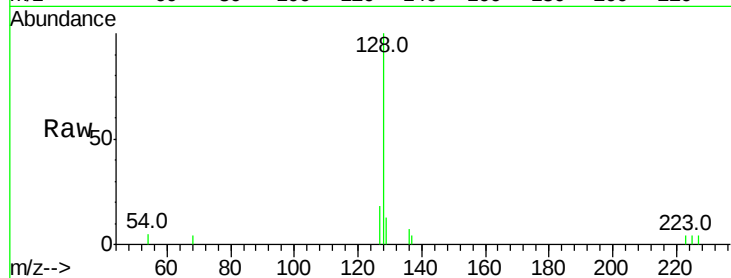
ClientSampleId :

PB98886BSD

Tot Ion:	128	Resp:	2582
Ion Ratio	Lower	Upper	
128	100		
129	13.2	11.4	17.0
127	18.3	11.2	16.8#

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#10

Hexachlorobutadiene

Concen: 0.24 ng

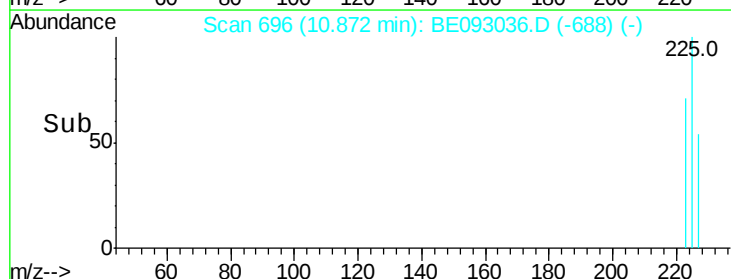
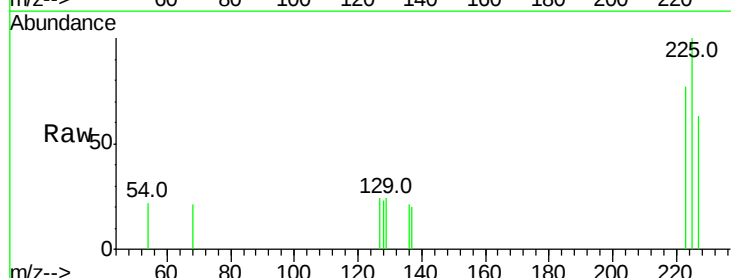
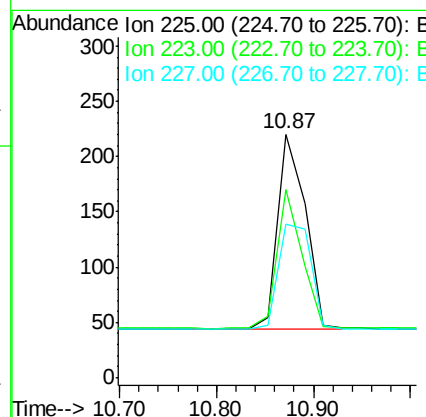
RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Tgt Ion:	225	Resp:	352
Ion Ratio	Lower	Upper	
225	100		
223	65.1	49.7	74.5
227	62.8	50.3	75.5





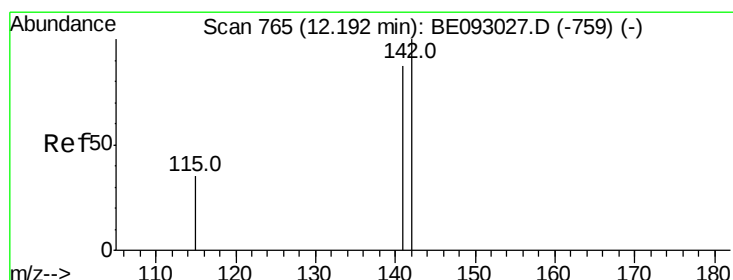
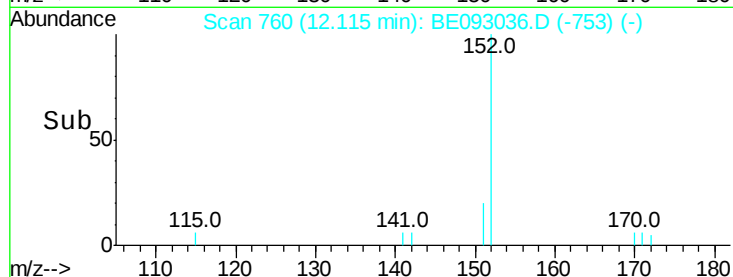
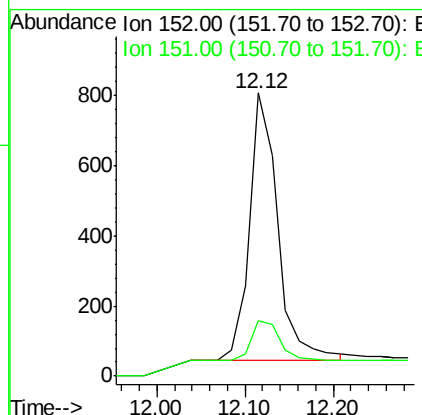
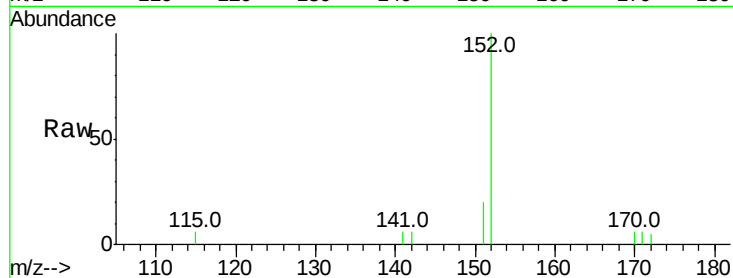
#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.12 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE093036.D
Acq: 15 May 2017 16:13

Instrument :
BNA_E
ClientSampleId :
PB98886BSD

Tot Ion:152 Resp: 1723
Ion Ratio Lower Upper
152 100
151 15.0 15.1 22.7#

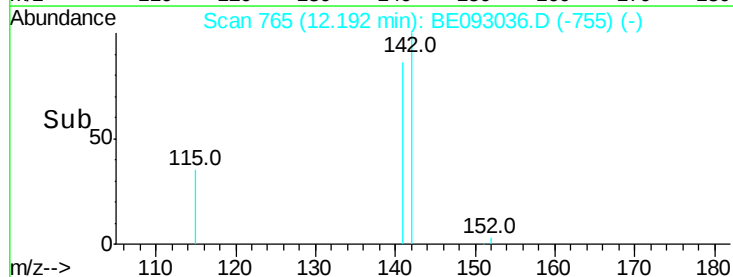
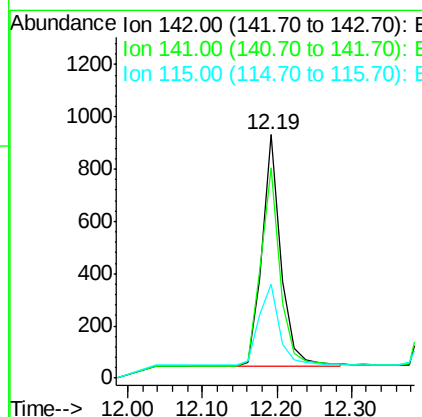
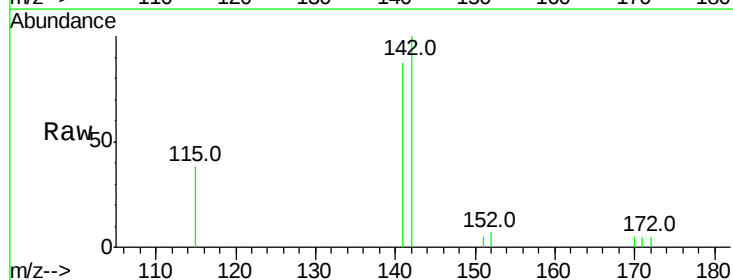
Manual Integrations
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#12
2-Methylnaphthalene
Concen: 0.23 ng
RT: 12.19 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE093036.D
Acq: 15 May 2017 16:13

Tgt Ion:142 Resp: 1548
Ion Ratio Lower Upper
142 100
141 86.6 72.6 108.8
115 38.3 32.2 48.2





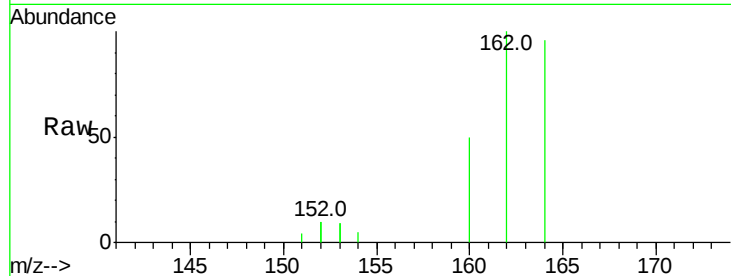
#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BE093036.D
 Acq: 15 May 2017 16:13

Instrument :
 BNA_E
 ClientSampled :
 PB98886BSD

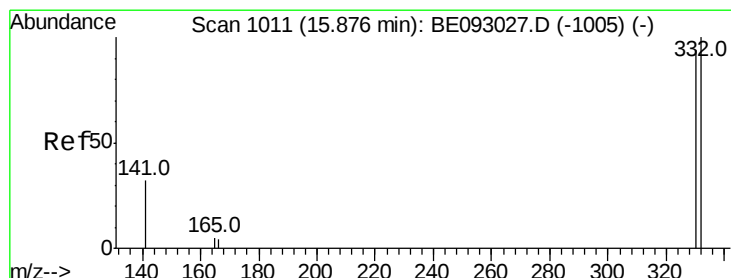
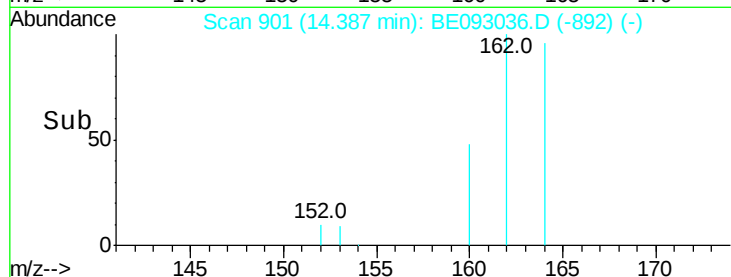
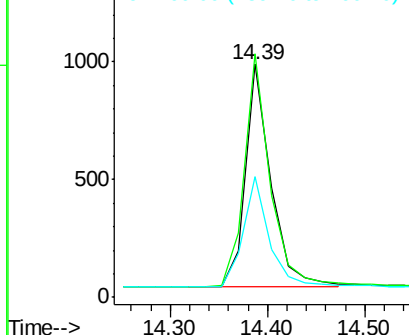
Tot Ion:164 Resp: 1714
 Ion Ratio Lower Upper
 164 100
 162 104.6 84.6 127.0
 160 52.0 41.8 62.6

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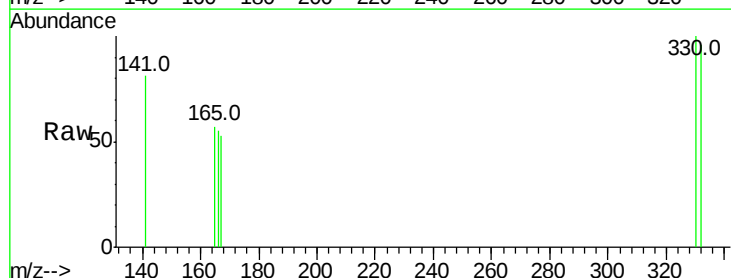


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

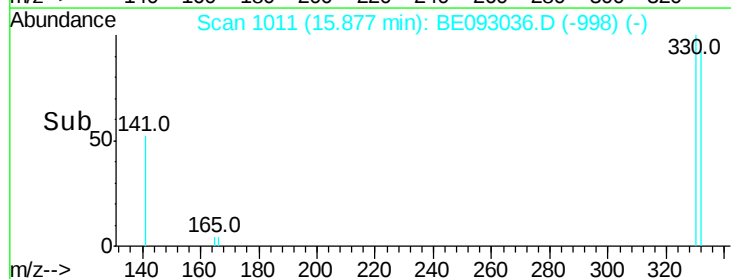
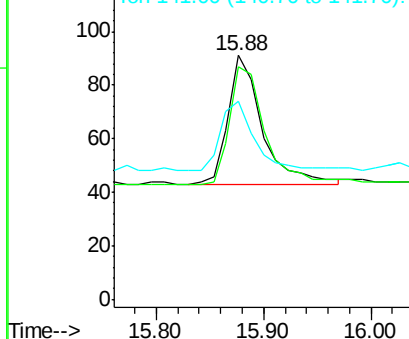


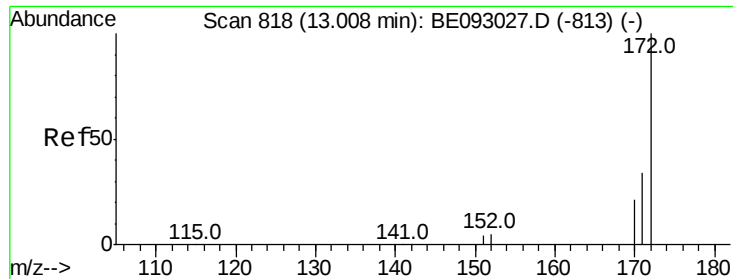
#14
 2,4,6-Tribromophenol
 Concen: 0.21 ng
 RT: 15.88 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BE093036.D
 Acq: 15 May 2017 16:13

Tgt Ion:330 Resp: 106
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.7 116.5
 141 54.7 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





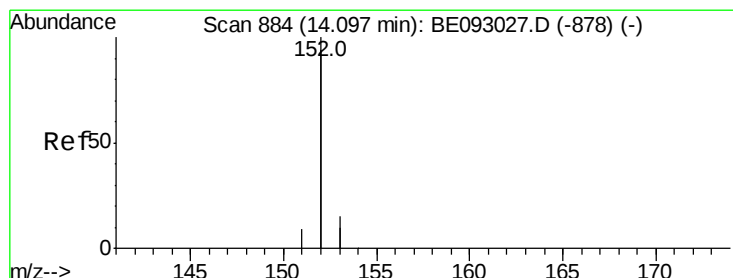
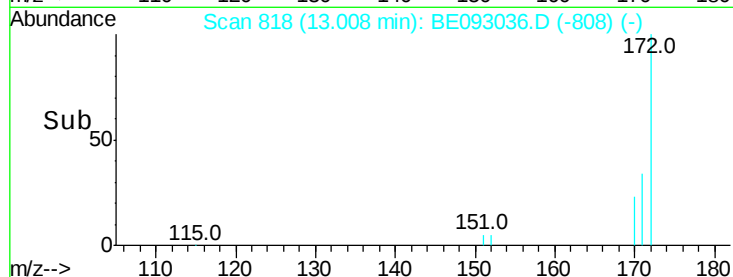
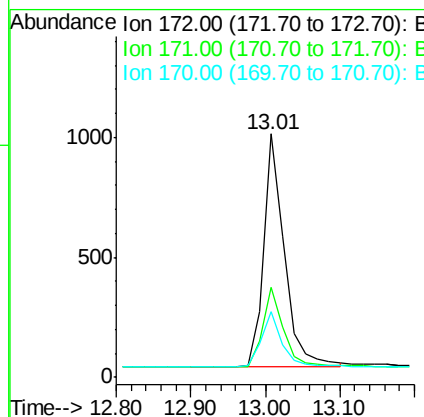
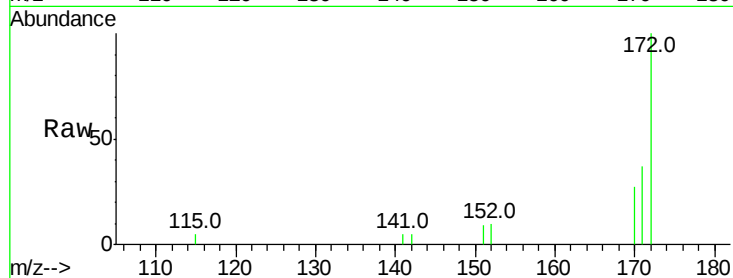
#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE093036.D
Acq: 15 May 2017 16:13

Instrument :
BNA_E
ClientSampled :
PB98886BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	26.8	20.7	31.1

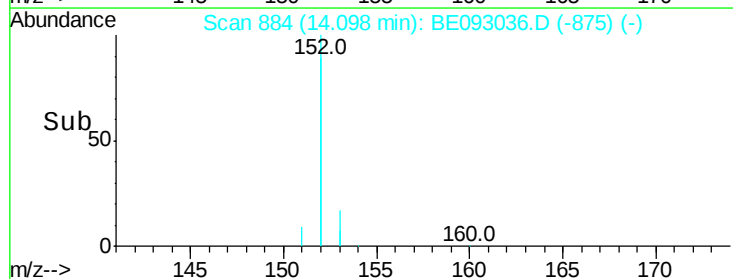
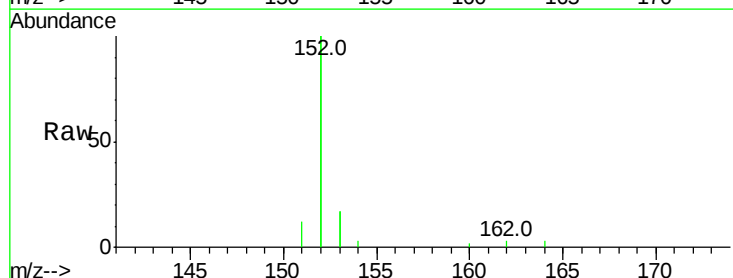
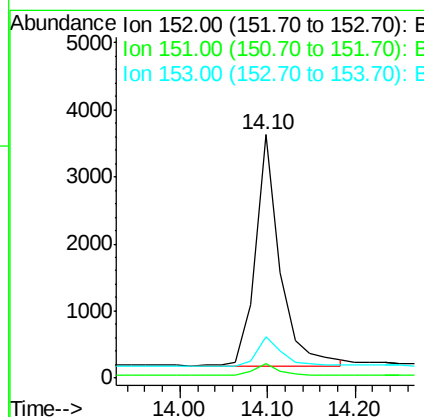
Manual Integrations
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#16
Acenaphthylene
Concen: 0.22 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093036.D
Acq: 15 May 2017 16:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.1	10.3	15.5





#17

Acenaphthene

Concen: 0.24 ng

RT: 14.46 min Scan# 905

Delta R.T. 0.02 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

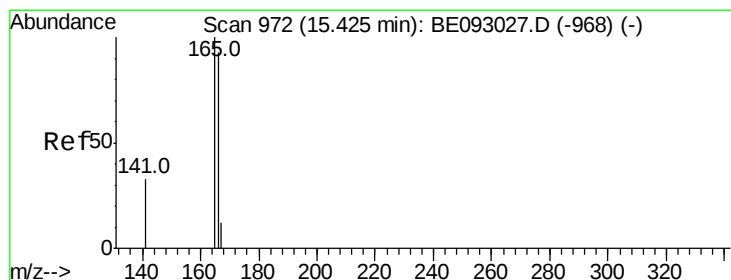
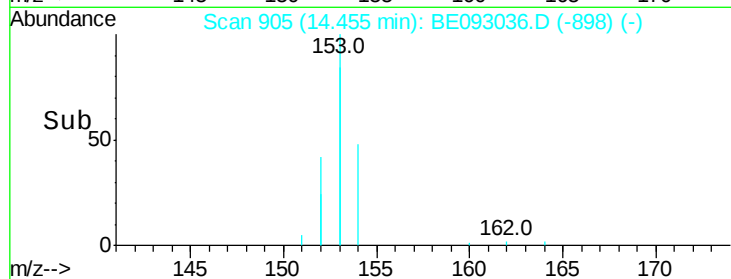
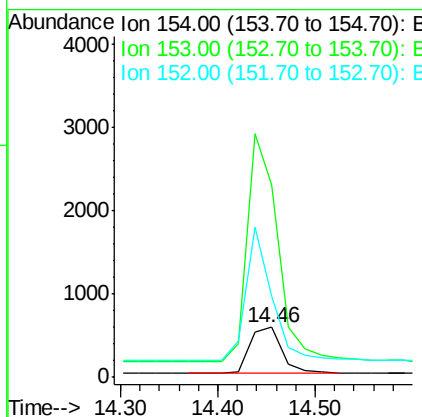
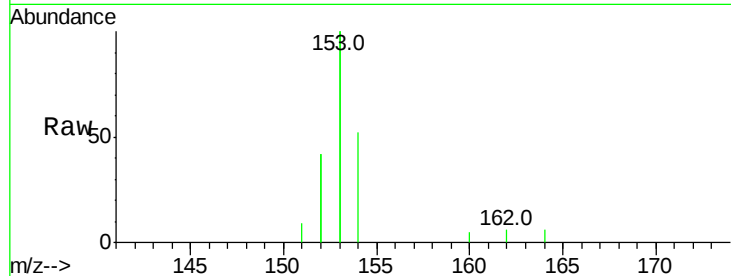
ClientSampleId :

PB98886BSD

Tot Ion:	154	Resp:	1273
Ion	Ratio	Lower	Upper
154	100		
153	466.1	367.8	551.6
152	232.7	188.2	282.2

Manual Integrations
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#18

Fluorene

Concen: 0.22 ng

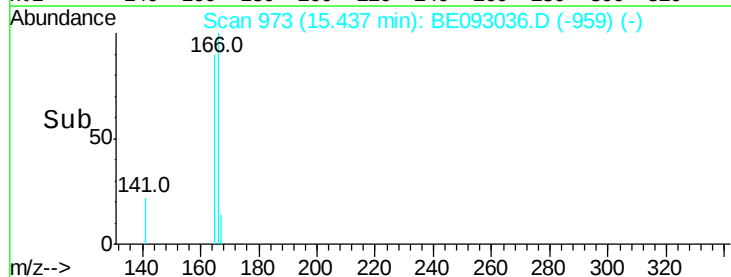
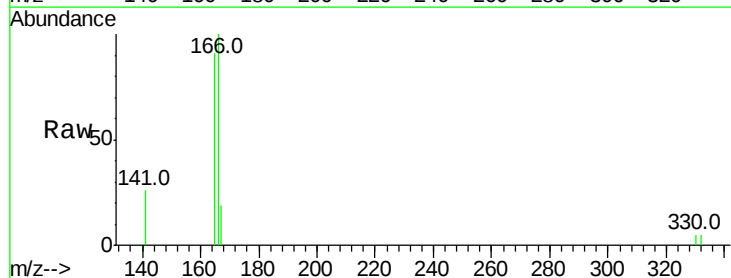
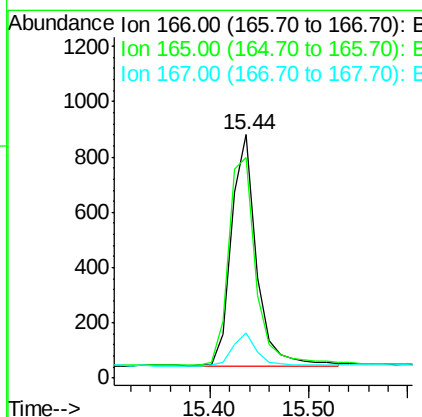
RT: 15.44 min Scan# 973

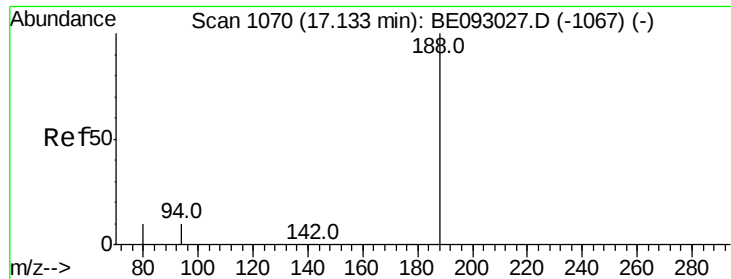
Delta R.T. 0.01 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Tgt Ion:	166	Resp:	1465
Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.9	11.1	16.7





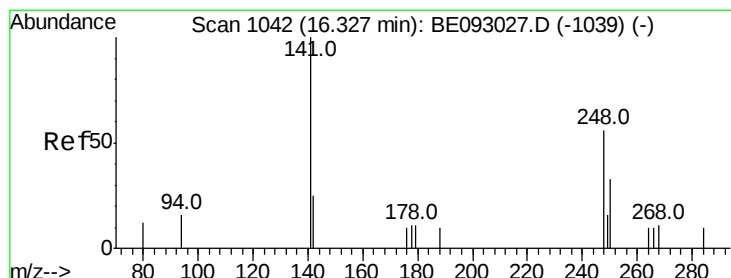
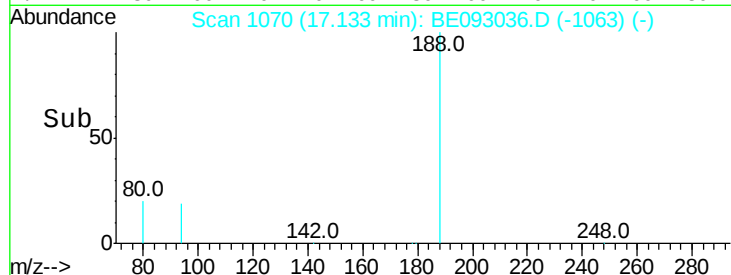
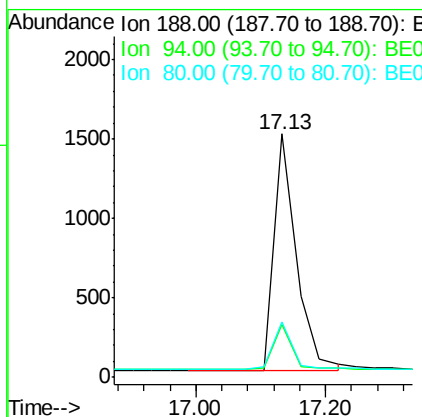
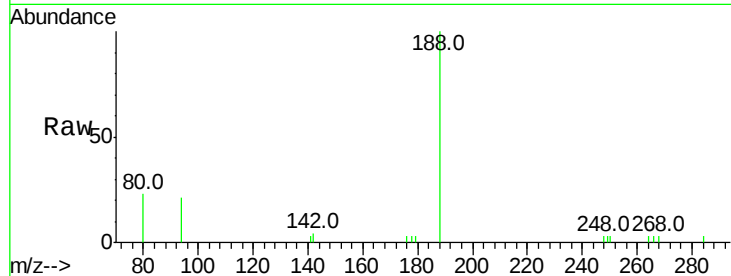
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE093036.D
Acq: 15 May 2017 16:13

Instrument :
BNA_E
ClientSampleId :
PB98886BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	21.5	11.3	16.9#	
80	22.7	11.7	17.5#	

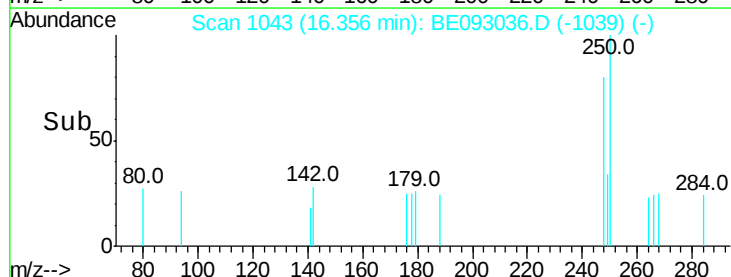
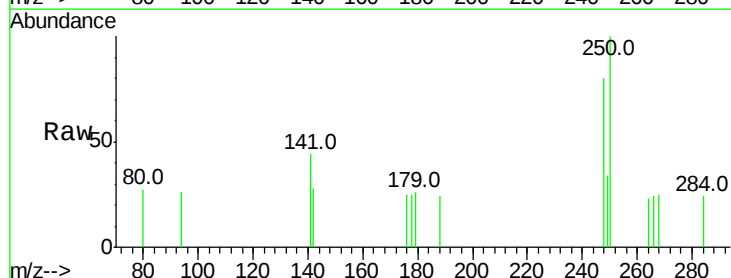
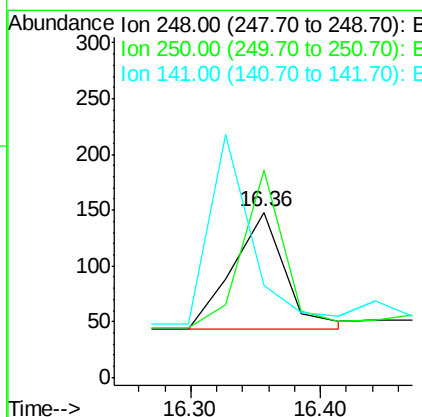
Manual Integrations
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#20
4-Bromophenyl-phenylether
Concen: 0.26 ng
RT: 16.36 min Scan# 1043
Delta R.T. 0.03 min
Lab File: BE093036.D
Acq: 15 May 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	125.7	100.0	150.0	
141	55.4	40.0	60.0	





#21

Hexachlorobenzene

Concen: 0.22 ng

RT: 16.47 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

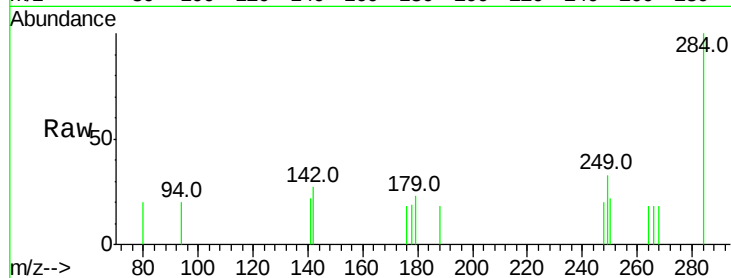
ClientSampleId :

PB98886BSD

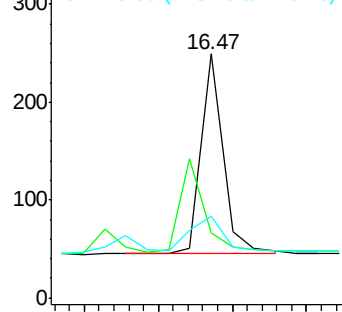
Tot Ion:	284	Resp:	416
Ion Ratio	Lower	Upper	
284	100		
142	0.0	0.0	0.0
249	25.2	0.0	0.0#

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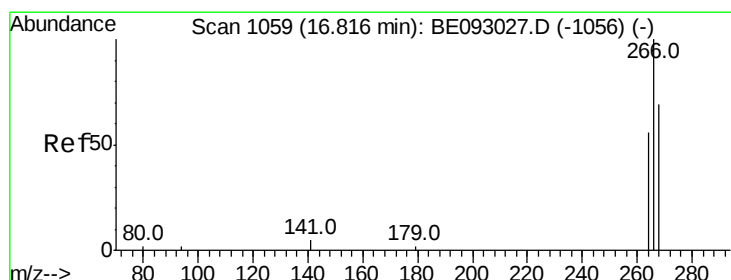
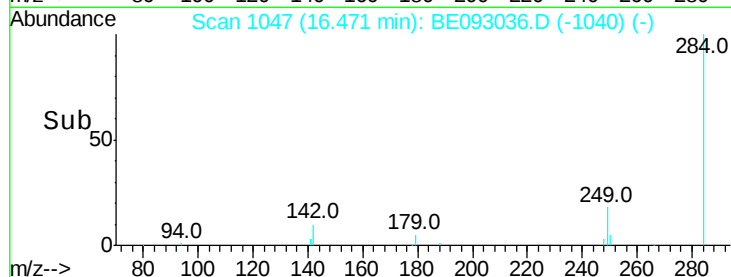
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.34 ng

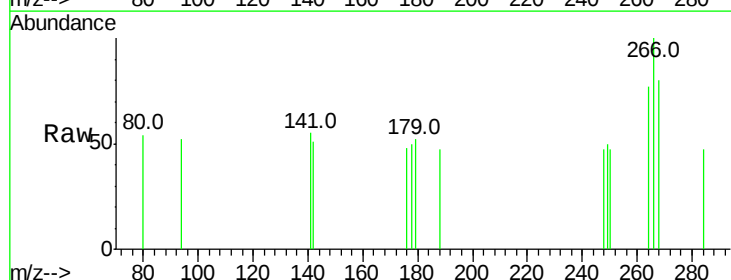
RT: 16.82 min Scan# 1059

Delta R.T. 0.00 min

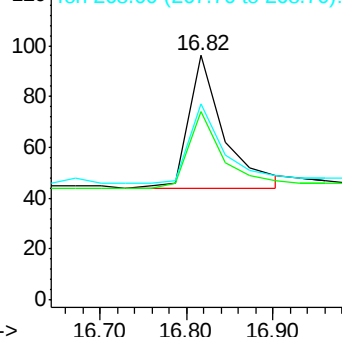
Lab File: BE093036.D

Acq: 15 May 2017 16:13

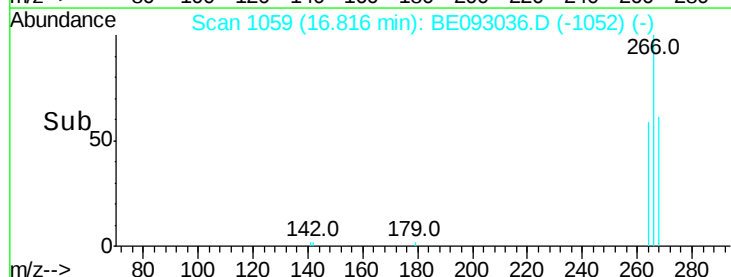
Tgt Ion:	266	Resp:	148
Ion Ratio	Lower	Upper	
266	100		
264	77.1	58.2	87.2
268	80.2	71.9	107.9

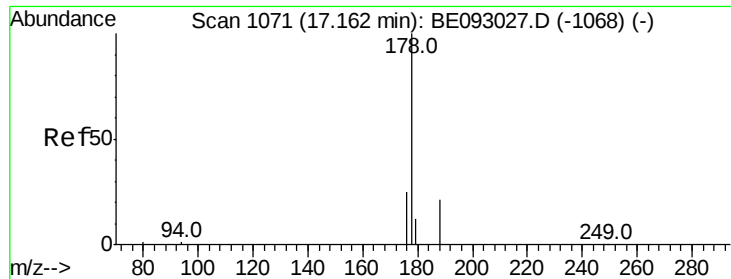


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.26 ng

RT: 17.19 min Scan# 1072

Delta R.T. 0.03 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

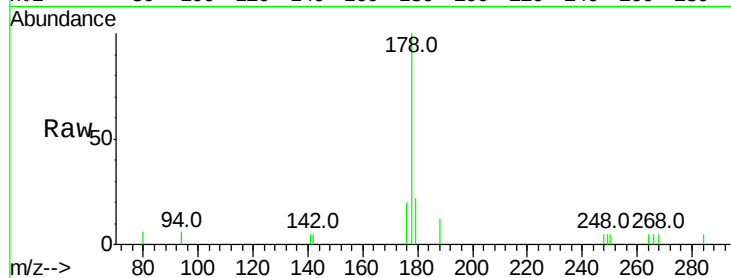
ClientSampleId :

PB98886BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	17.3	12.7	19.1

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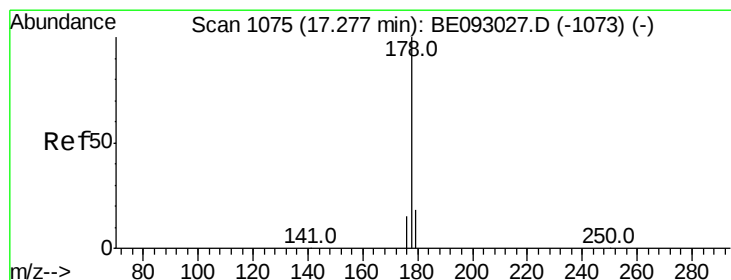
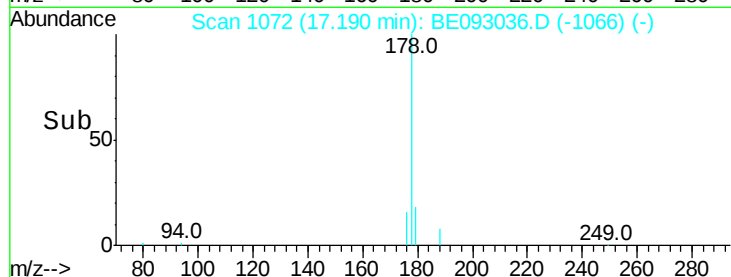
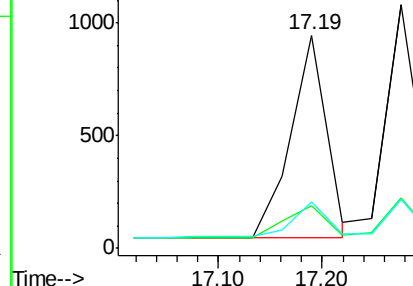


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.26 ng

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

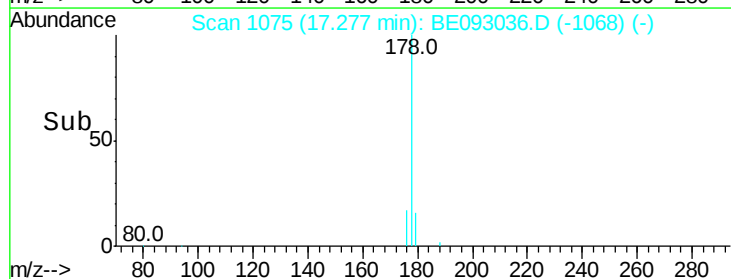
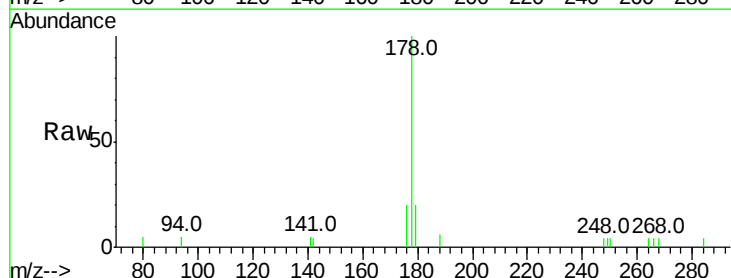
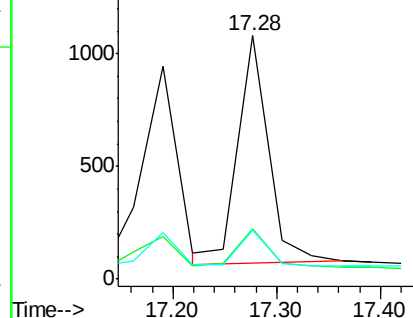
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	15.0	12.0	18.0

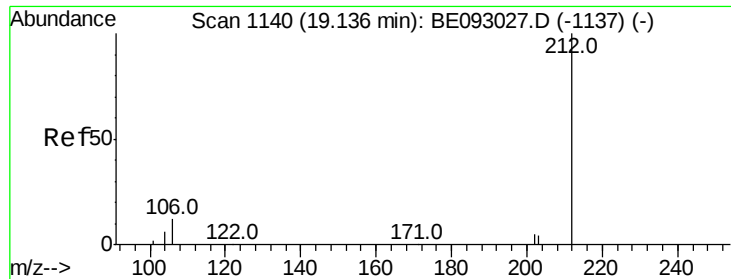
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.23 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

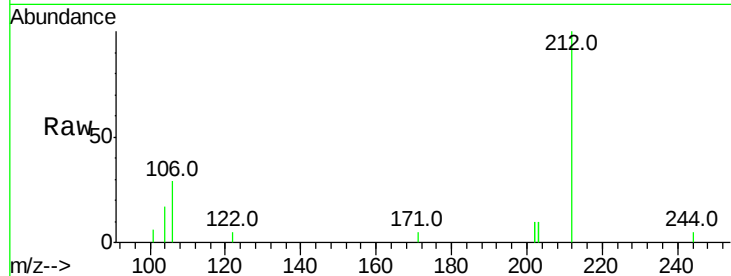
ClientSampleId :

PB98886BSD

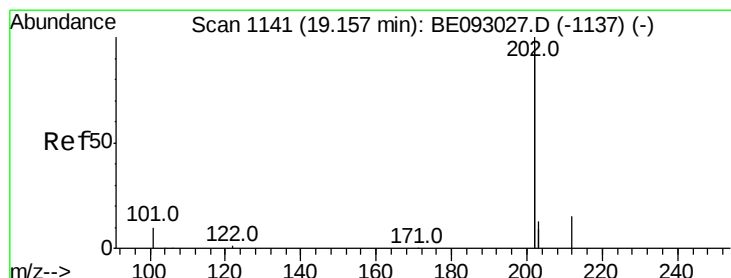
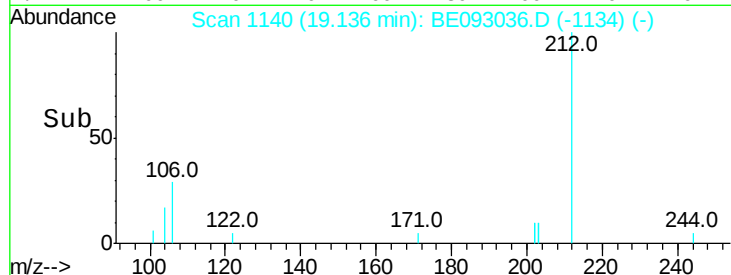
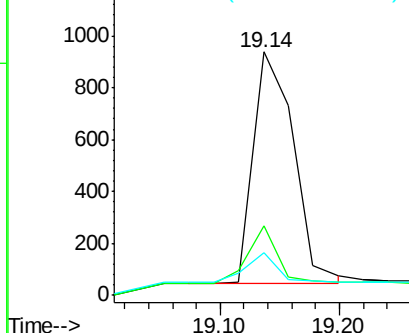
Tot Ion	Ratio	Resp	Lower	Upper
212	100	2121		
106	17.9	0.0	0.0	0.0
104	9.9	0.0	0.0	0.0

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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: 0.23 ng

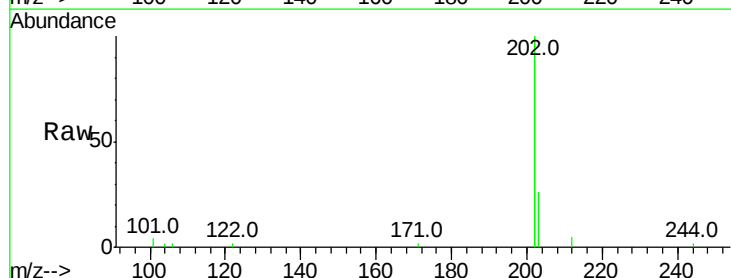
RT: 19.18 min Scan# 1142

Delta R.T. 0.02 min

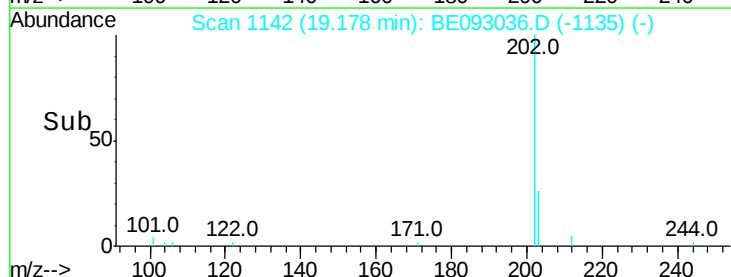
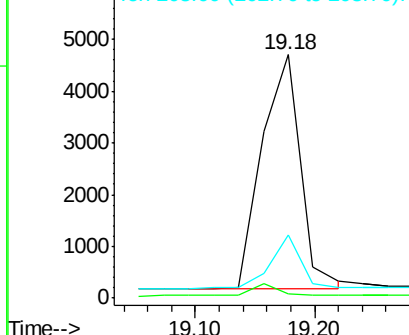
Lab File: BE093036.D

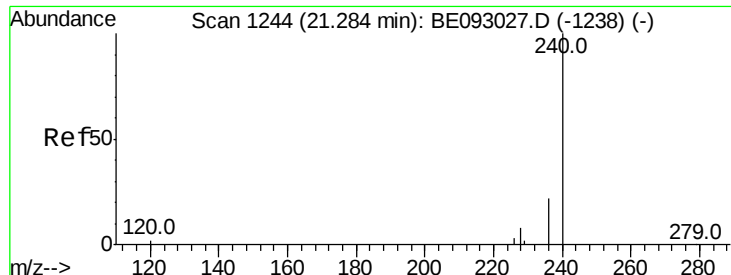
Acq: 15 May 2017 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	10220		
101	0.0	0.0	0.0	0.0
203	18.1	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





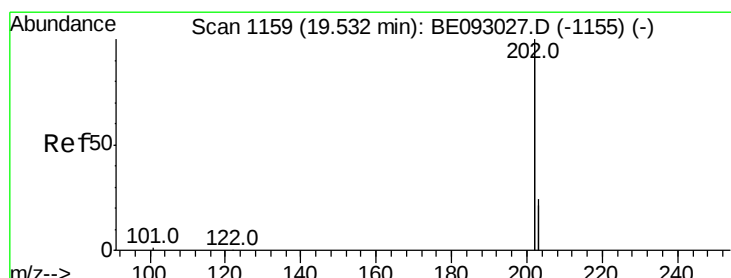
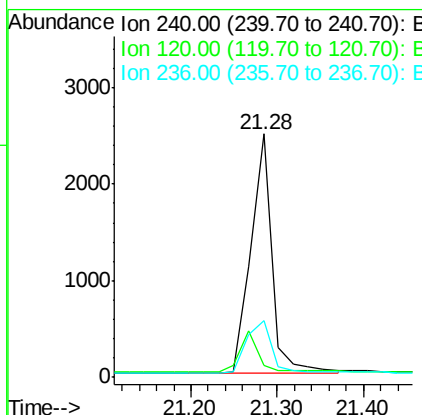
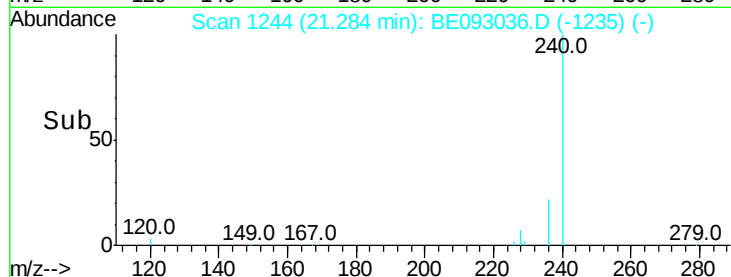
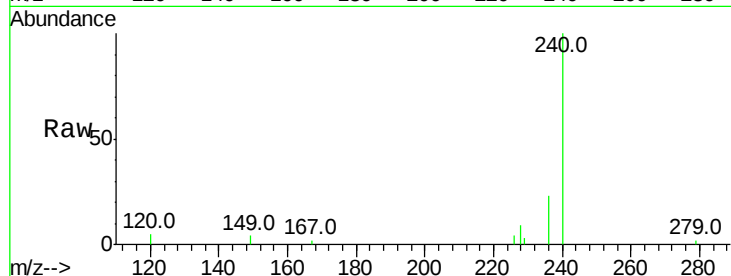
#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE093036.D
 Acq: 15 May 2017 16:13

Instrument :
 BNA_E
 ClientSampleId :
 PB98886BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	7.0
236	23.3	20.8	31.2

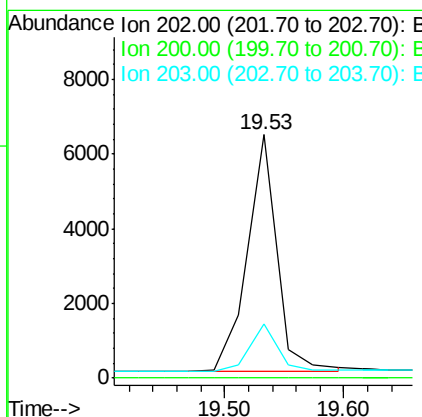
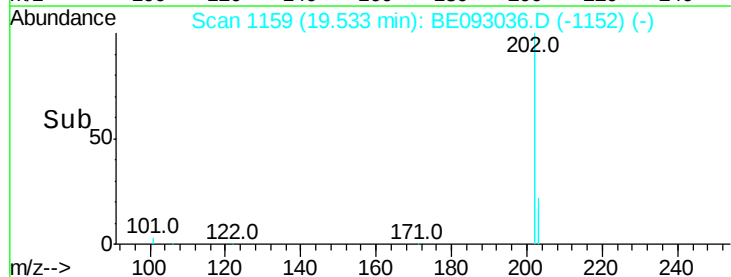
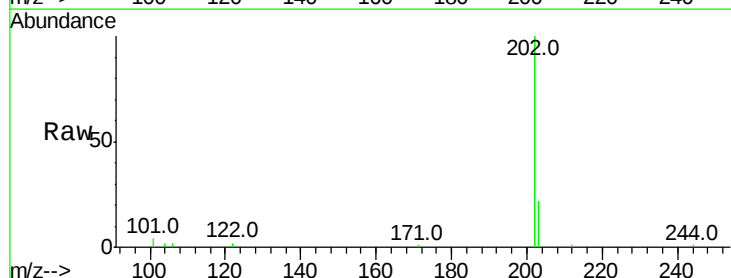
Manual Integrations
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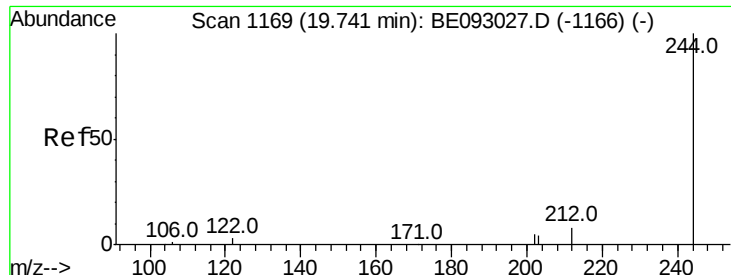
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#28
 Pyrene
 Concen: 0.21 ng
 RT: 19.53 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BE093036.D
 Acq: 15 May 2017 16:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.8	13.7	20.5





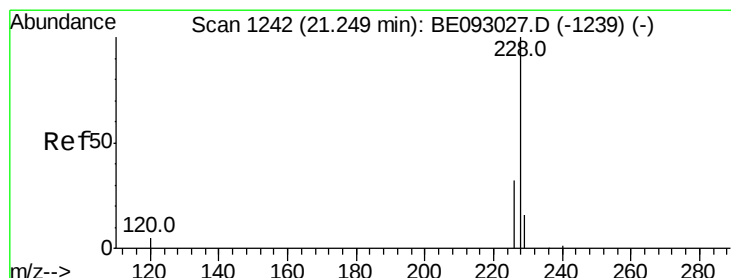
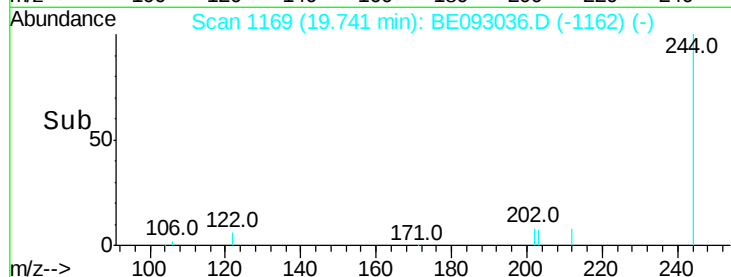
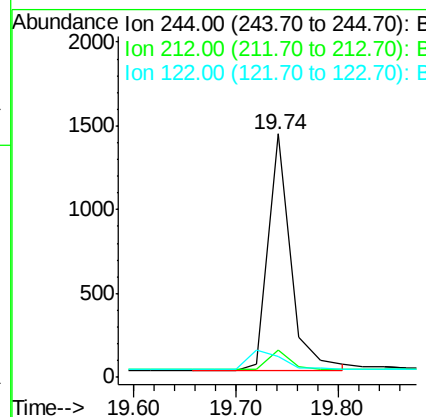
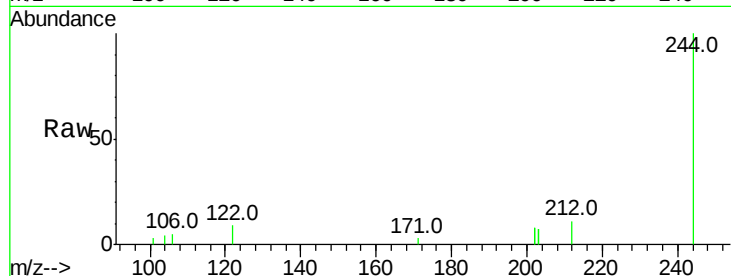
#29
 Terphenyl-d14
 Concen: 0.28 ng
 RT: 19.74 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BE093036.D
 Acq: 15 May 2017 16:13

Instrument :
 BNA_E
 ClientSampleId :
 PB98886BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.6	16.0
122	8.6	15.4	23.0

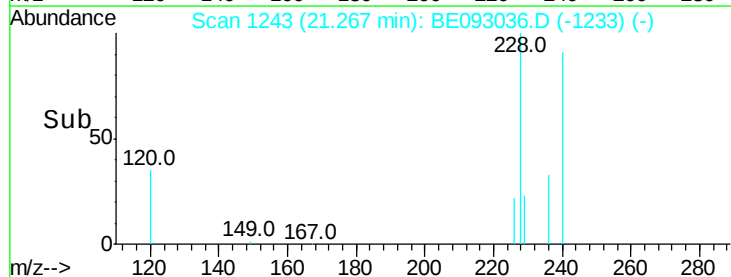
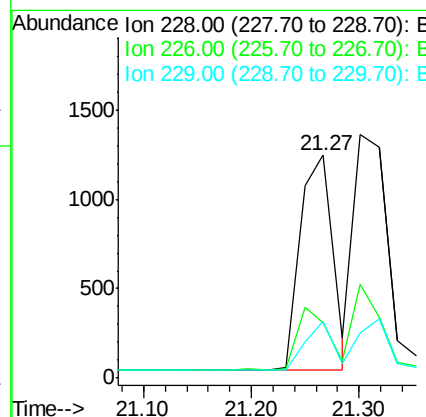
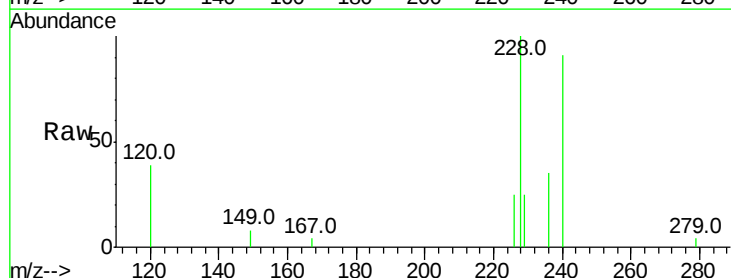
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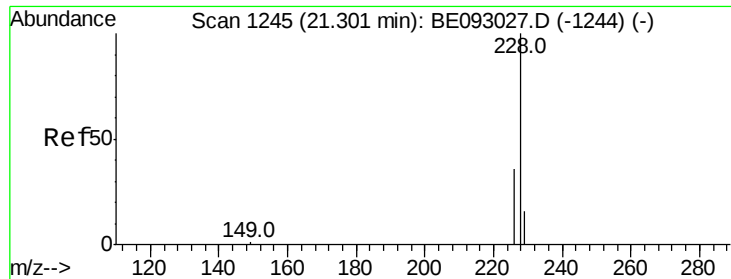
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#30
 Benzo(a)anthracene
 Concen: 0.22 ng
 RT: 21.27 min Scan# 1243
 Delta R.T. 0.02 min
 Lab File: BE093036.D
 Acq: 15 May 2017 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.8	19.7	29.5
229	25.5	19.2	28.8





#31

Chrysene

Concen: 0.25 ng/mL

RT: 21.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

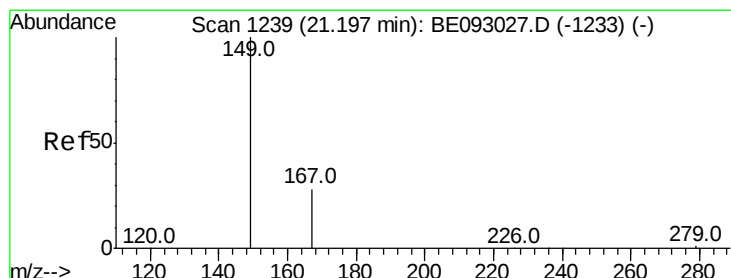
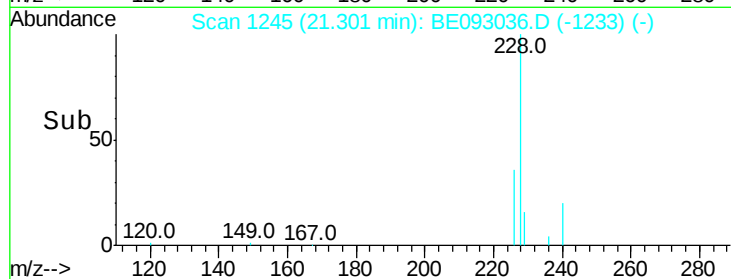
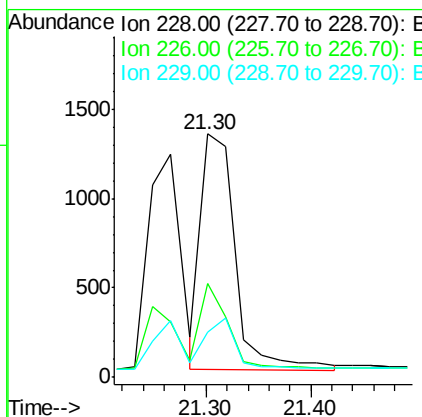
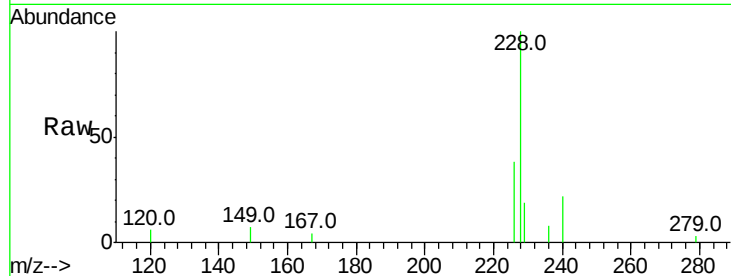
ClientSampleID :

PB98886BSD

Tot Ion:	228	Resp:	3088
Ion Ratio	Lower	Upper	
228	100		
226	38.3	21.5	32.3#
229	18.6	18.6	28.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng/mL

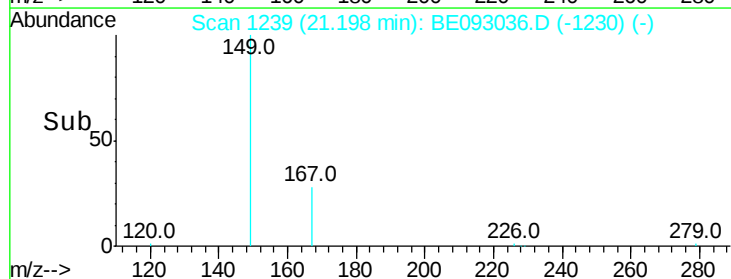
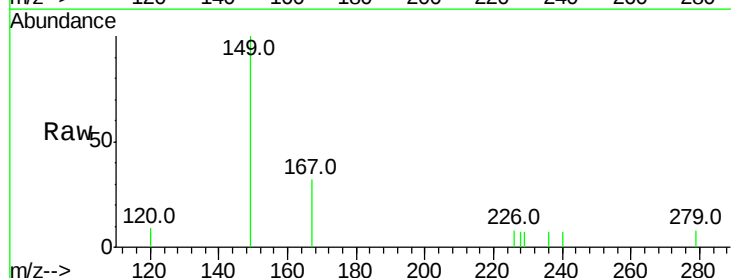
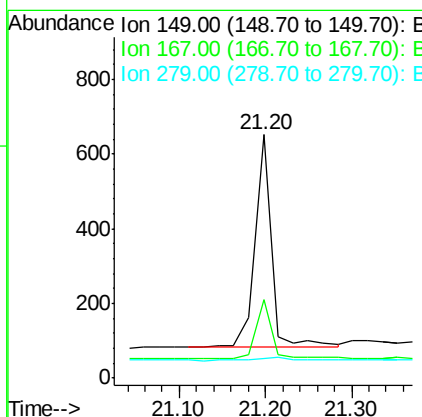
RT: 21.20 min Scan# 1239

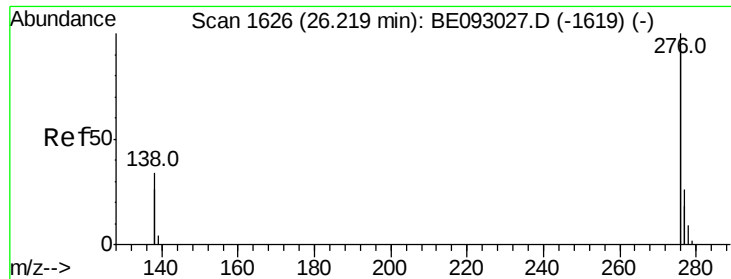
Delta R.T. 0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Tgt Ion:	149	Resp:	757
Ion Ratio	Lower	Upper	
149	100		
167	26.8	20.1	30.1
279	3.4	2.2	3.4#





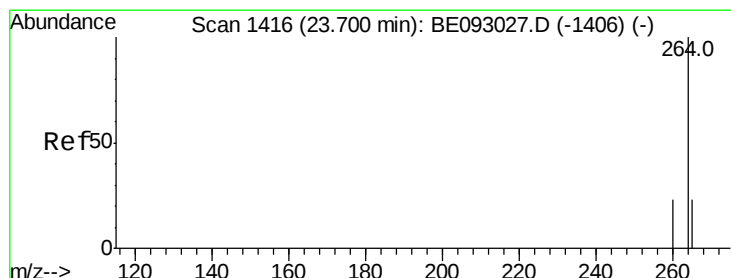
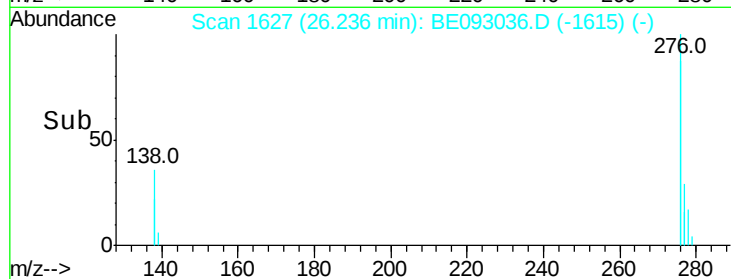
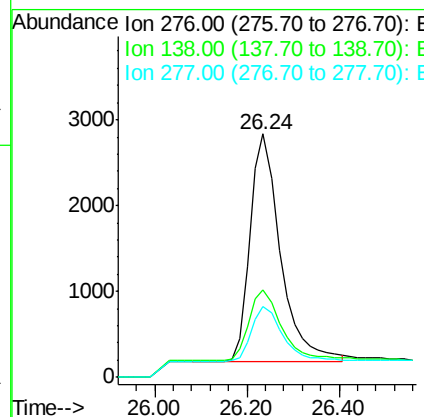
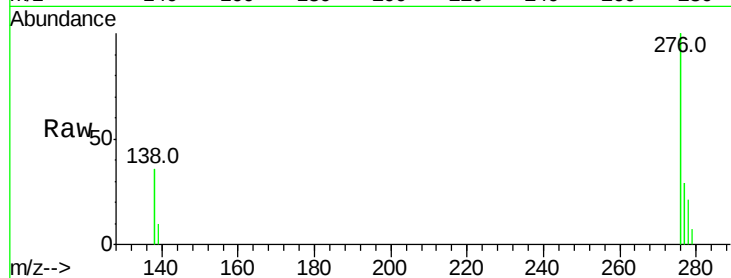
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.27 ng
 RT: 26.24 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BE093036.D
 Acq: 15 May 2017 16:13

Instrument :
 BNA_E
 ClientSampleId :
 PB98886BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	27.4	41.2
277	24.9	20.1	30.1

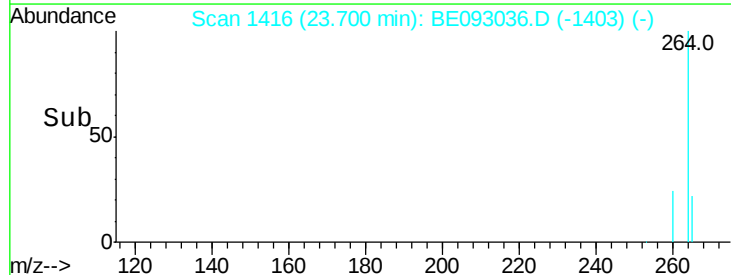
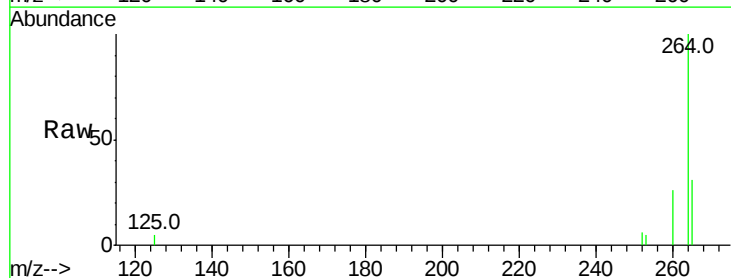
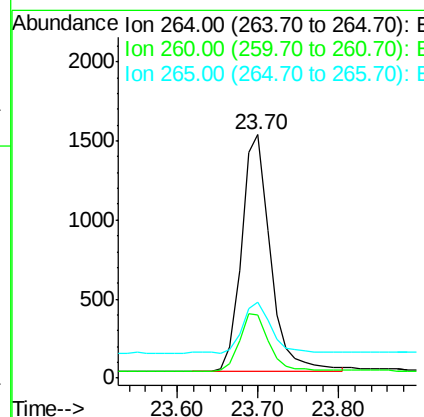
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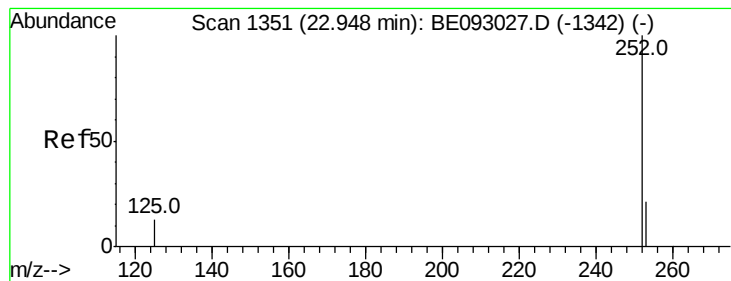
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#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BE093036.D
 Acq: 15 May 2017 16:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.0	31.4
265	31.4	24.6	36.8





#35

Benzo(b)fluoranthene

Concen: 0.23 ng

RT: 22.95 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

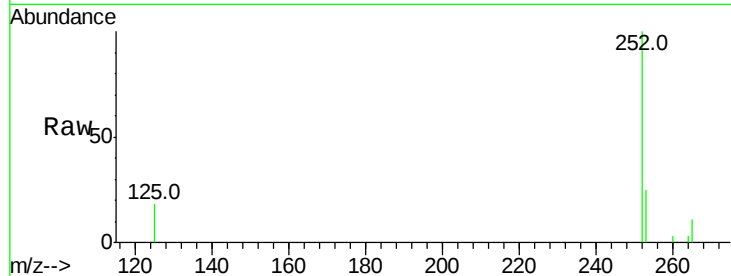
ClientSampleId :

PB98886BSD

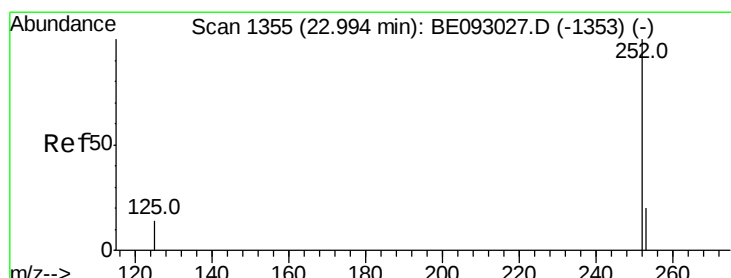
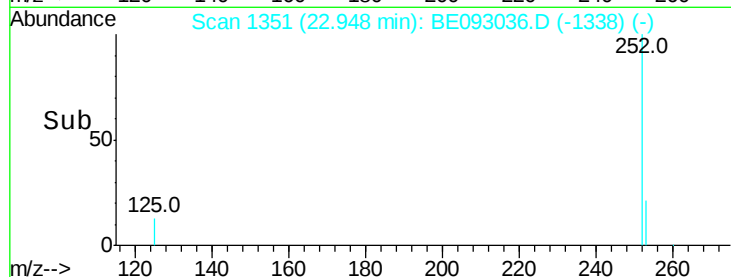
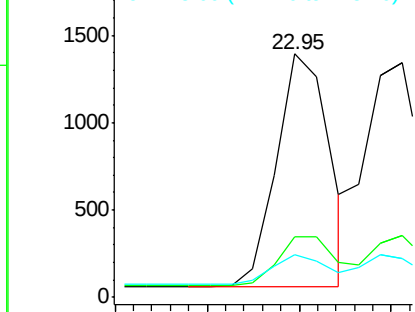
Tot Ion:252	Resp:	2654
Ion Ratio	Lower	Upper
252	100	
253	25.0	18.5 27.7
125	17.5	13.4 20.0

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



#36

Benzo(k)fluoranthene

Concen: 0.24 ng

RT: 23.01 min Scan# 1356

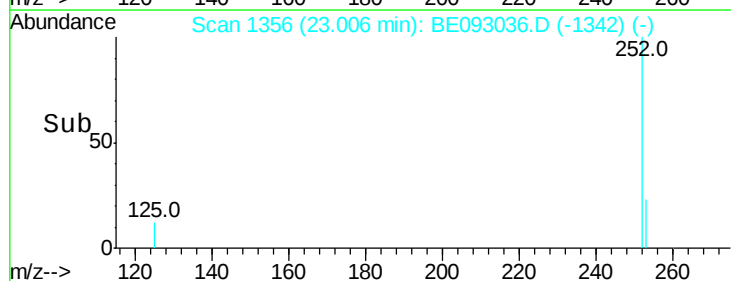
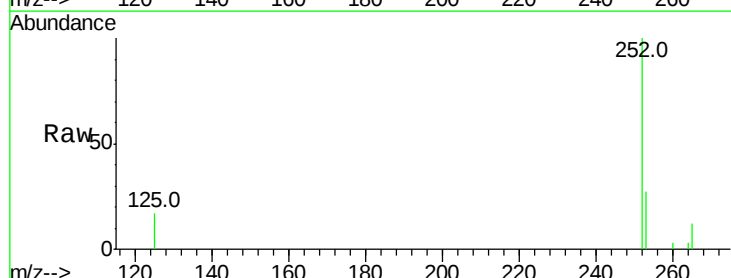
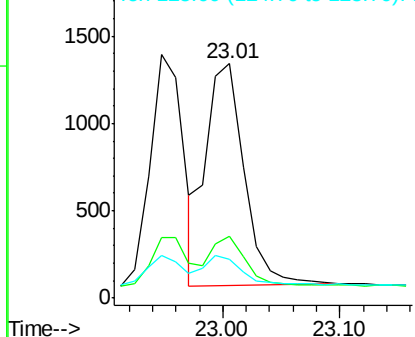
Delta R.T. 0.01 min

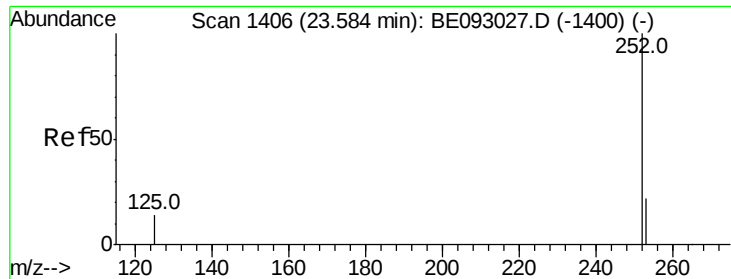
Lab File: BE093036.D

Acq: 15 May 2017 16:13

Tgt Ion:252	Resp:	2848
Ion Ratio	Lower	Upper
252	100	
253	26.6	20.3 30.5
125	16.8	12.2 18.4

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





#37

Benzo(a)pyrene

Concen: 0.24 ng

RT: 23.58 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

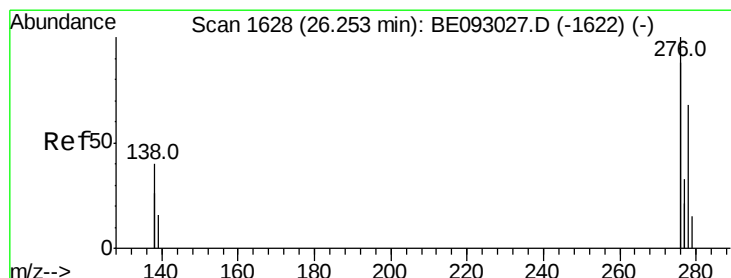
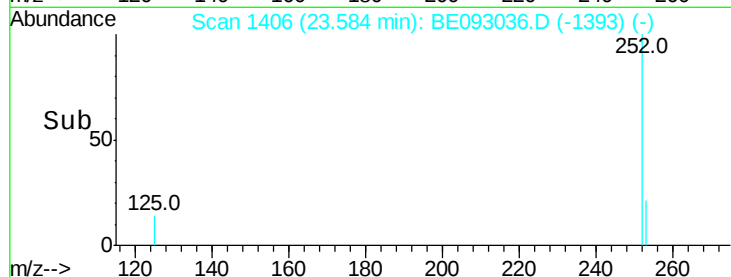
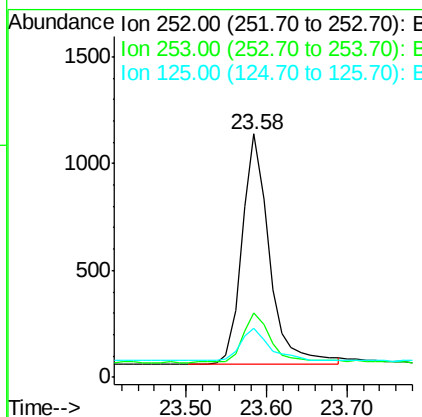
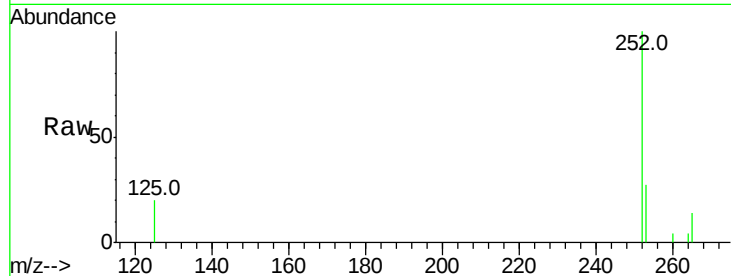
ClientSampleId :

PB98886BSD

Tot Ion:	252	Resp:	2514
Ion Ratio	Lower	Upper	
252	100		
253	26.6	19.9	29.9
125	20.0	14.6	21.8

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#38

Dibenzo(a,h)anthracene

Concen: 0.25 ng

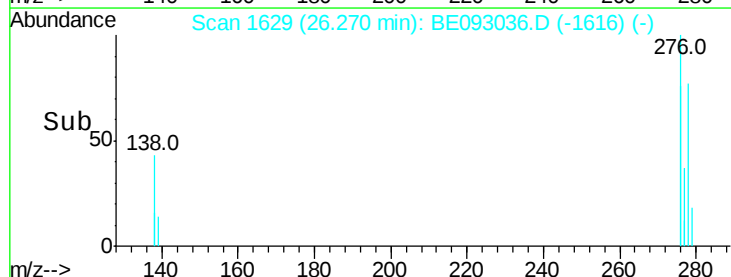
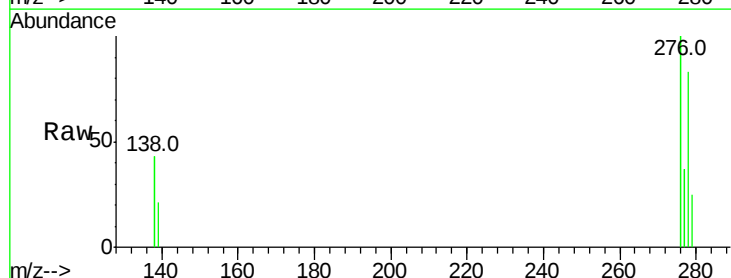
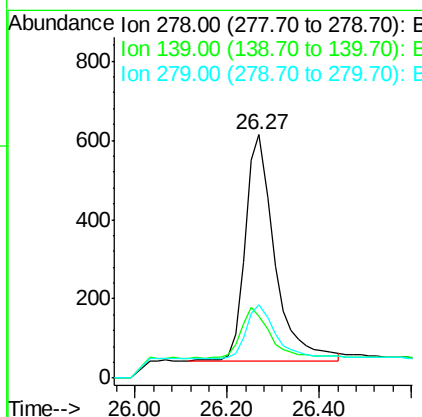
RT: 26.27 min Scan# 1629

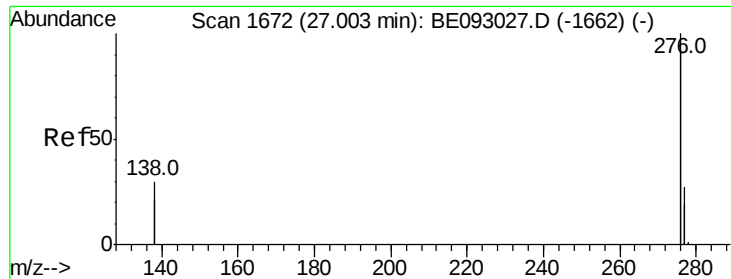
Delta R.T. 0.02 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Tgt Ion:	278	Resp:	2487
Ion Ratio	Lower	Upper	
278	100		
139	25.6	21.4	32.0
279	30.0	22.2	33.2





#39

Benzo(a,h,i)perylene

Concen: 0.25 ng

RT: 27.00 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE093036.D

Acq: 15 May 2017 16:13

Instrument :

BNA_E

ClientSampleId :

PB98886BSD

Tot Ion:	276	Resp:	10825
Ion Ratio	Lower	Upper	
276	100		
277	28.2	21.2	31.8
138	32.9	24.5	36.7

Manual Integrations
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