

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
 Data File : BE091671.D
 Acq On : 18 Apr 2016 19:45
 Operator : UM/SJ
 Sample : PB89886BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89886BS

Manual Integrations
 APPROVED

Sohil
 4/19/2016 6:40:30 PM

Quant Time: Apr 19 05:26:24 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 17:20:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	37224	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	181934	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	112263	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	264764	5.00	ng	0.00
26) Chrysene-d12	21.31	240	325368	5.00	ng	0.00
35) Perylene-d12	23.75	264	293139	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	44685	5.51	ng	-0.02
5) Phenol-d6	6.97	99	65299	5.98	ng	0.00
8) Nitrobenzene-d5	8.96	82	28886	3.10	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	22062	6.82	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	92947	2.97	ng	0.00
29) Terphenyl-d14	19.76	244	148170	3.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	10944	2.71	ng	# 87
3) n-Nitrosodimethylamine	3.65	42	16251	3.04	ng	96
6) bis(2-Chloroethyl)ether	7.23	93	29158	2.91	ng	# 75
9) Nitrobenzene	8.99	77	30865	3.29	ng	95
10) Naphthalene	10.63	128	104973	2.83	ng	98
11) Hexachlorobutadiene	10.92	225	16229	3.02	ng	97
12) 2-Methylnaphthalene	12.24	142	75295	3.18	ng	96
16) Acenaphthylene	14.13	152	129109	3.12	ng	# 86
17) Acenaphthene	14.47	154	82133	2.97	ng	93
18) Fluorene	15.46	166	102701	3.04	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	27423	2.99	ng	97
21) Hexachlorobenzene	16.46	284	29023	2.98	ng	96
22) Pentachlorophenol	16.79	266	26597	6.11	ng	# 89
23) Phenanthrene	17.19	178	183524	3.05	ng	99
24) Anthracene	17.28	178	172463	3.23	ng	98
25) Fluoranthene	19.19	202	191489	3.20	ng	98
27) Benzdine	19.38	184	11268m	0.72	ng	
28) Pyrene	19.55	202	213809	3.29	ng	99
30) Benzo(a)anthracene	21.29	228	244571m	3.24	ng	
31) 3,3'-Dichlorobenzidine	21.22	252	29178	0.93	ng	# 80
32) Chrysene	21.34	228	238208m	3.11	ng	
33) Bis(2-ethylhexyl)phthalate	21.22	149	53160	3.00	ng	# 85
34) Indeno(1,2,3-cd)pyrene	26.32	276	229745	3.30	ng	97
36) Benzo(b)fluoranthene	23.00	252	211905	3.28	ng	97
37) Benzo(k)fluoranthene	23.05	252	217837	3.18	ng	97
38) Benzo(a)pyrene	23.64	252	197816	3.29	ng	96
39) Dibenzo(a,h)anthracene	26.34	278	191129	3.25	ng	96
40) Benzo(g,h,i)perylene	27.10	276	193748	3.18	ng	96

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

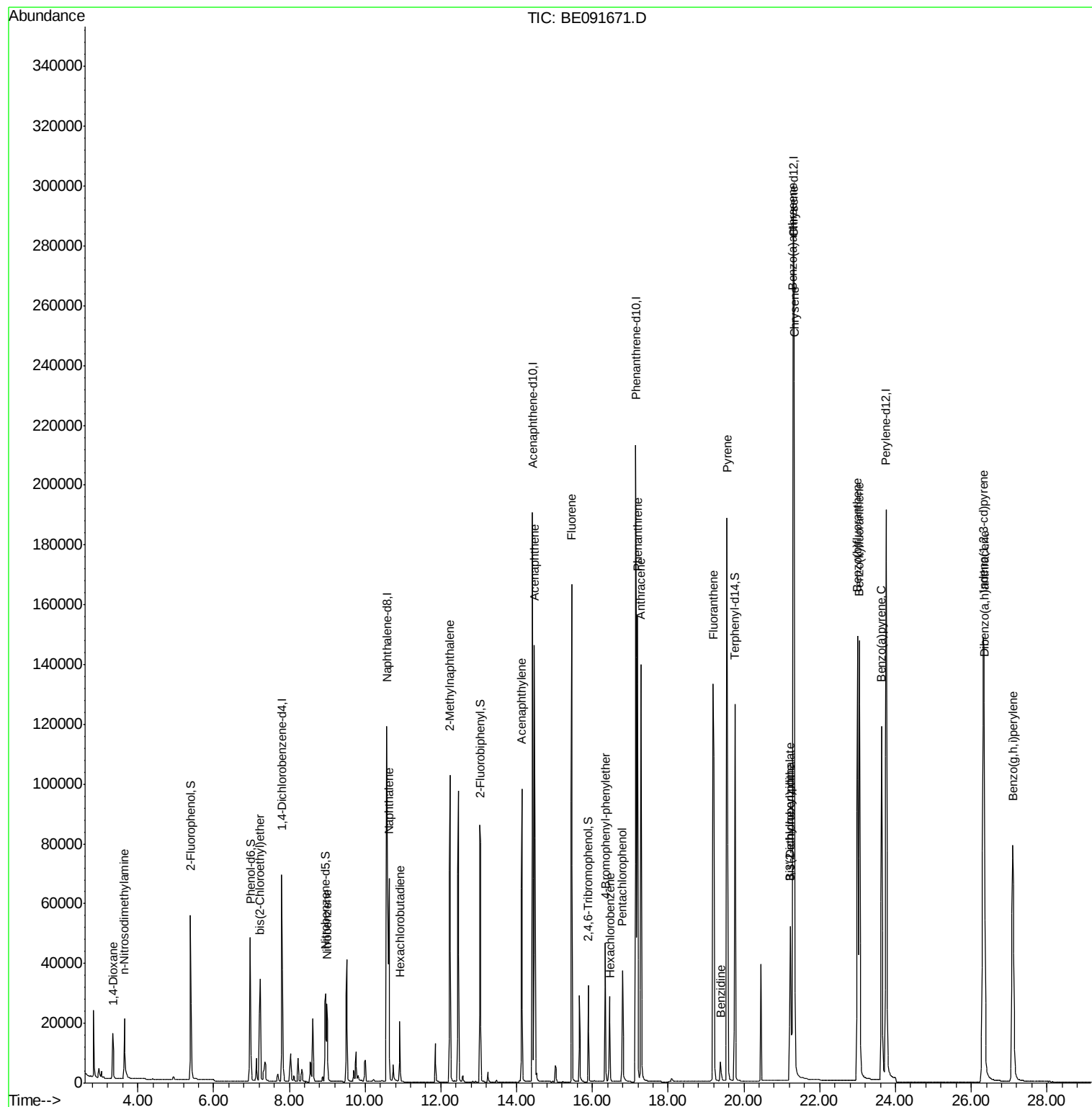
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
Data File : BE091671.D
Acq On : 18 Apr 2016 19:45
Operator : UM/SJ
Sample : PB89886BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

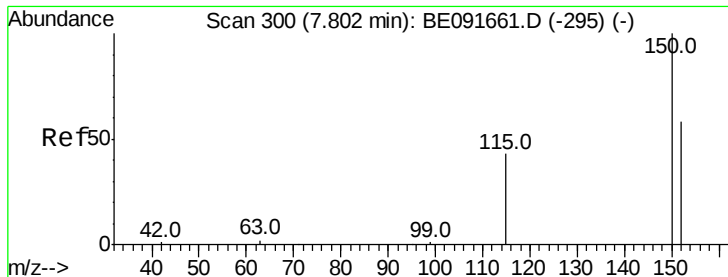
Instrument :
BNA_E
ClientSampleId :
PB89886BS

Manual Integrations
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4/19/2016 6:40:30 PM

Quant Time: Apr 19 05:26:24 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

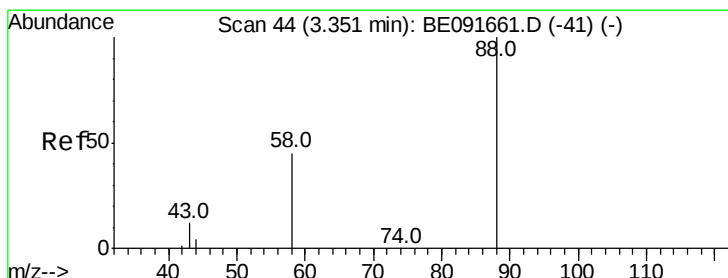
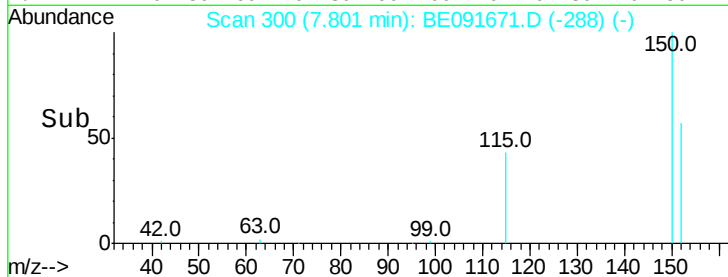
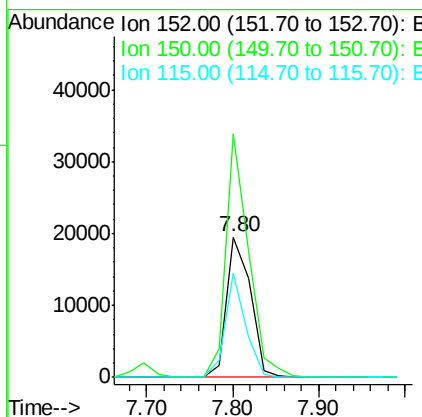
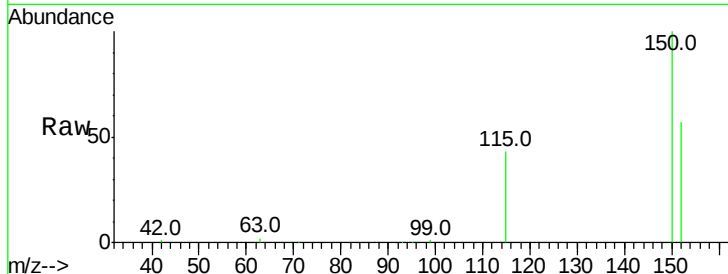
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Instrument :
BNA_E
ClientSampleId :
PB89886BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	173.9	122.6	183.8
115	74.6	52.8	79.2

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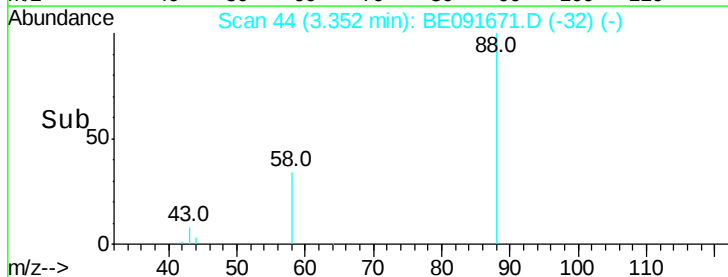
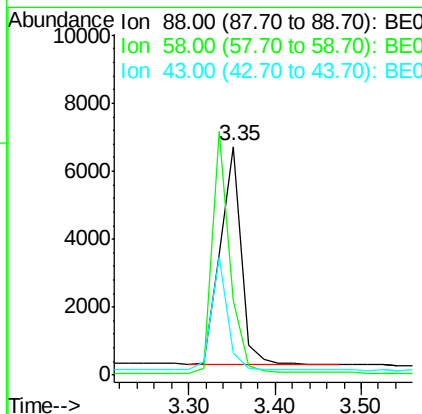
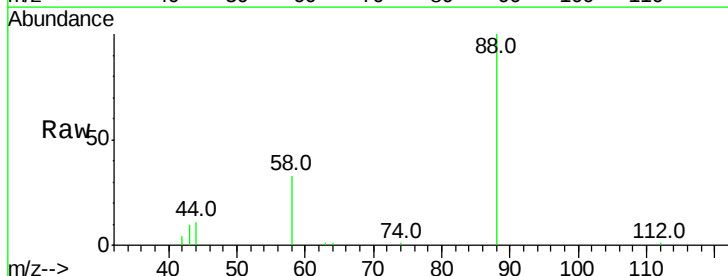
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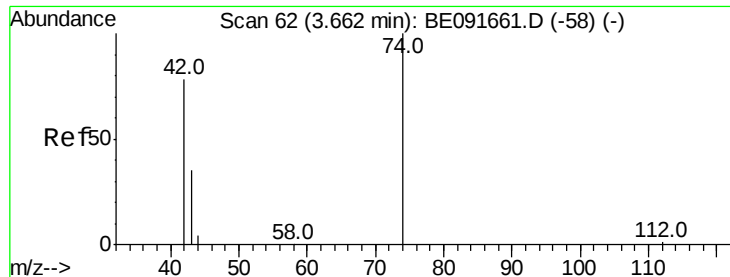


#2

1,4-Dioxane
Concen: 2.71 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.5	65.8	98.6
43	40.1	25.3	37.9





#3

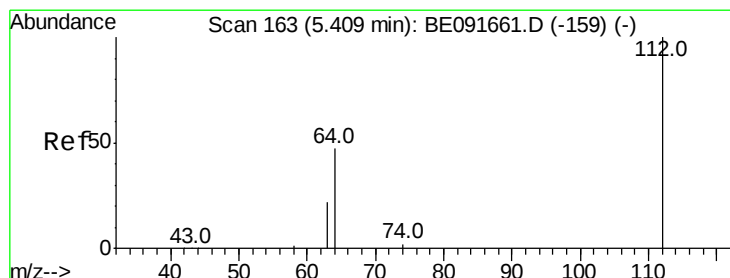
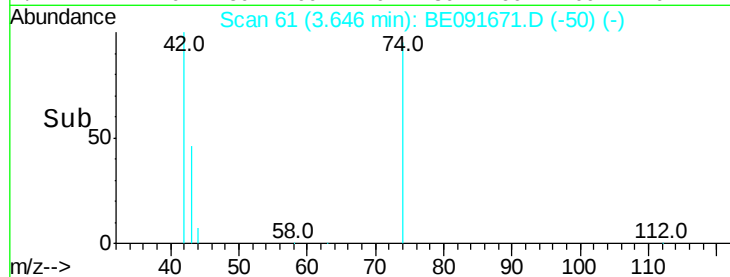
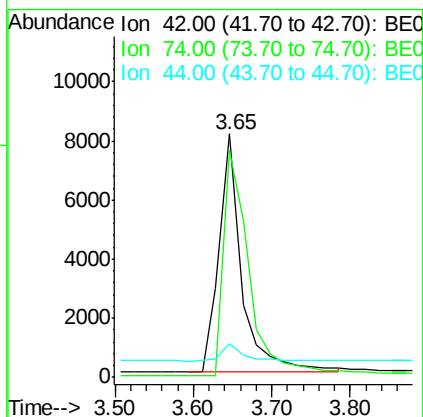
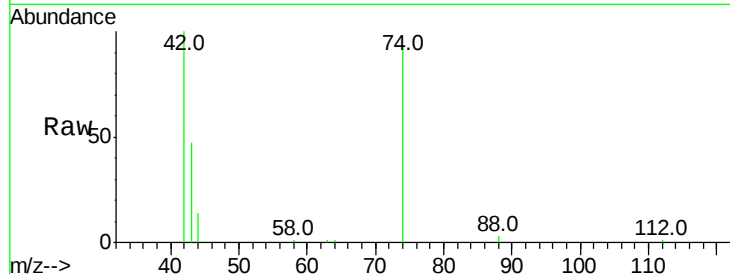
n-Nitrosodimethylamine
 Concen: 3.04 ng
 RT: 3.65 min Scan# 61
 Delta R.T. -0.02 min
 Lab File: BE091671.D
 Acq: 18 Apr 2016 19:45

Instrument :
 BNA_E
 ClientSampled :
 PB89886BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	105.3	87.9	131.9
44	7.2	6.6	9.8

Manual Integrations
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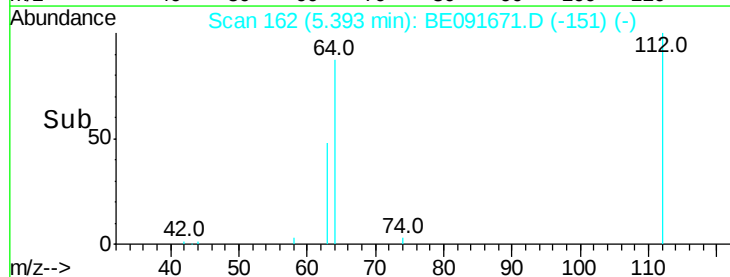
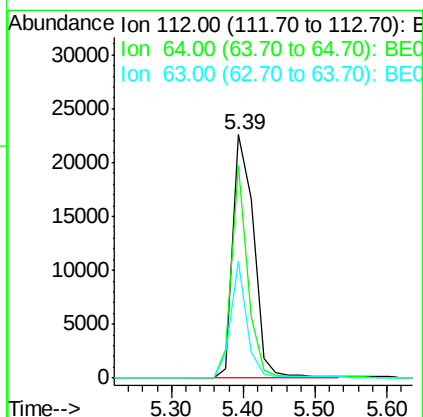
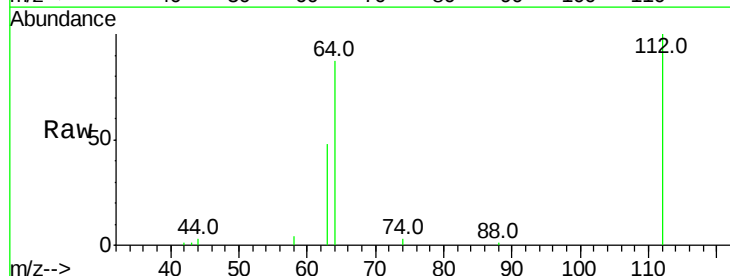
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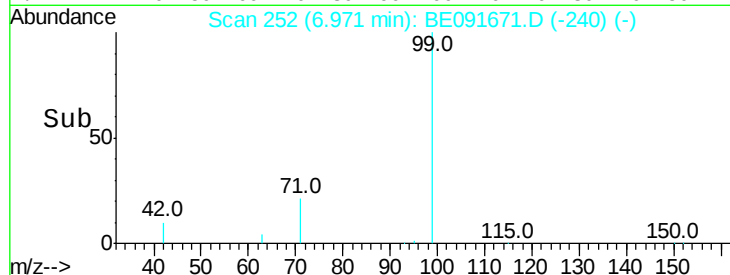
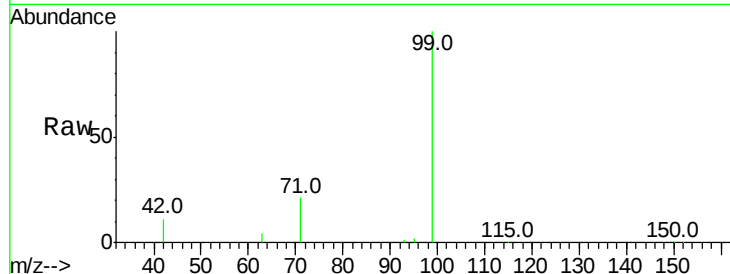
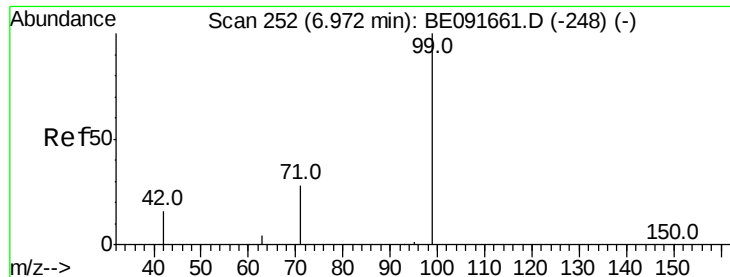


#4

2-Fluorophenol
 Concen: 5.51 ng
 RT: 5.39 min Scan# 162
 Delta R.T. -0.02 min
 Lab File: BE091671.D
 Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	30.9	46.3#
63	37.3	16.7	25.1#





#5

Phenol-d6

Concen: 5.98 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Tot Ion:	99	Resp:	65299
Ion Ratio	Lower	Upper	
99	100		
42	26.3	16.2	24.2#
71	36.1	29.0	43.4

Instrument :

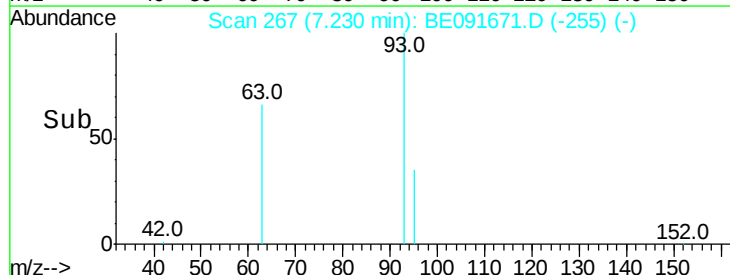
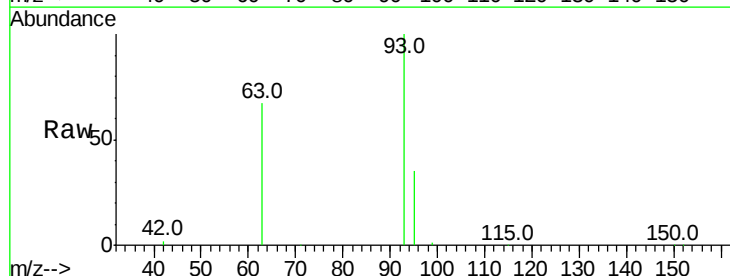
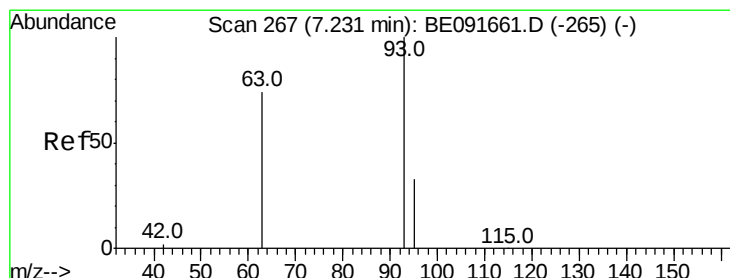
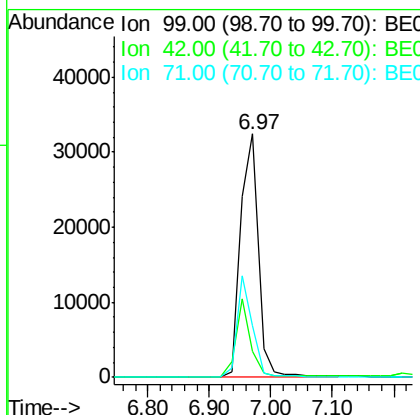
BNA_E

ClientSampleId :

PB89886BS

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 2.91 ng

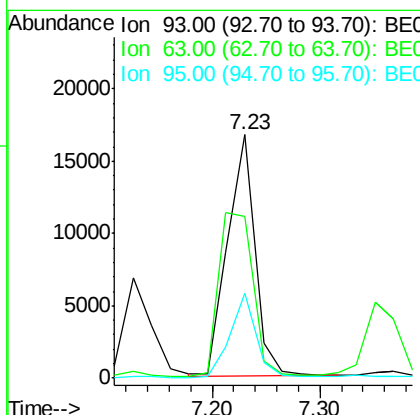
RT: 7.23 min Scan# 267

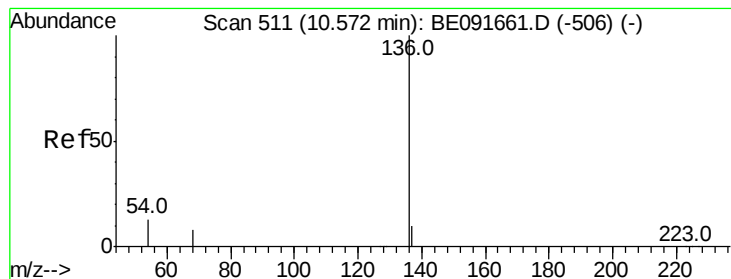
Delta R.T. -0.00 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Tgt Ion:	93	Resp:	29158
Ion Ratio	Lower	Upper	
93	100		
63	86.9	49.5	74.3#
95	32.7	22.2	33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Instrument :

BNA_E

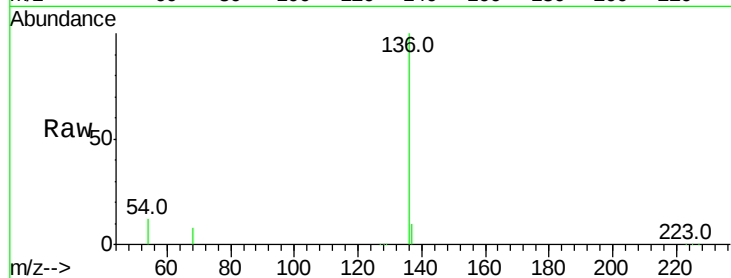
ClientSampleId :

PB89886BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	181934		
137	10.2	8.9	13.3	
54	11.7	8.2	12.4	
68	7.9	6.2	9.4	

Manual Integrations
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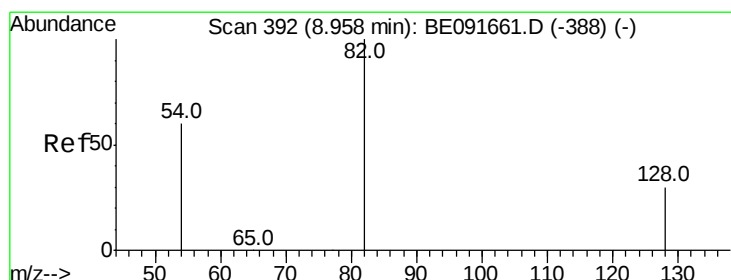
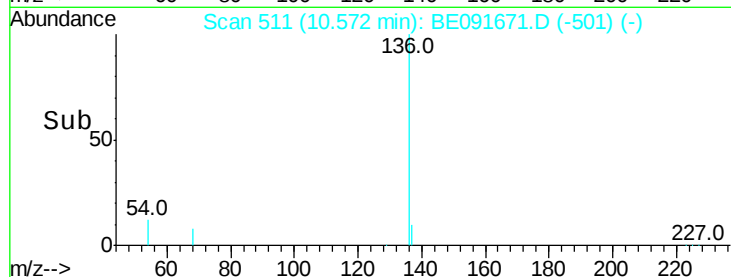
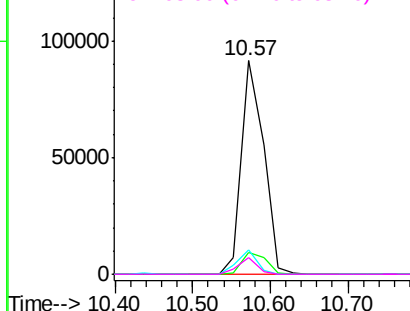


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.10 ng

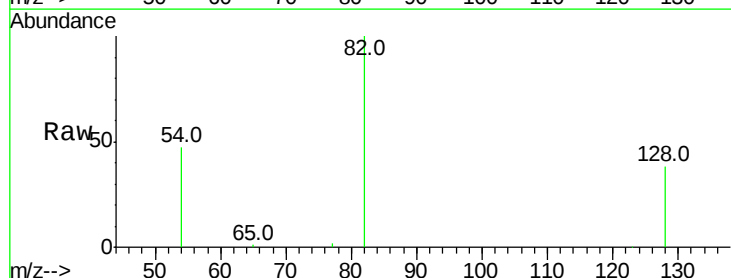
RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

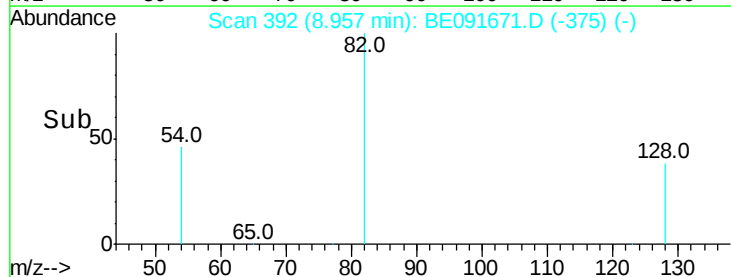
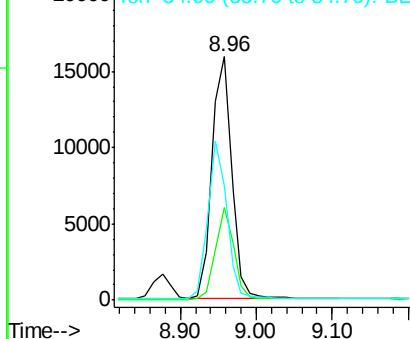
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	28886		
128	38.0	25.4	38.0	
54	46.7	48.4	72.6	

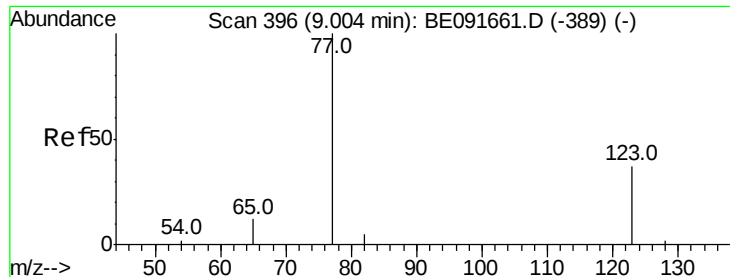


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.29 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Instrument :

BNA_E

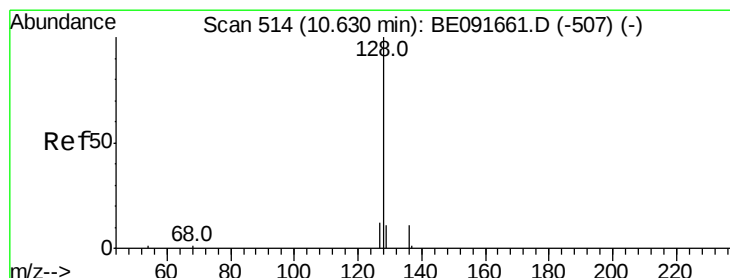
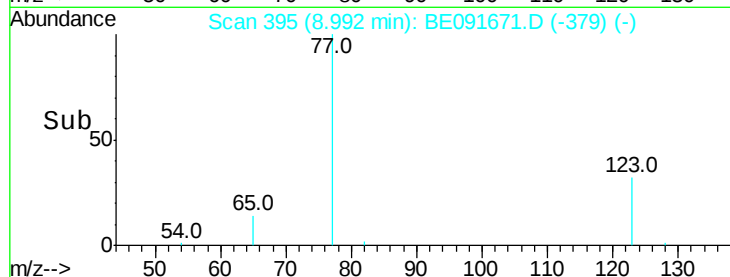
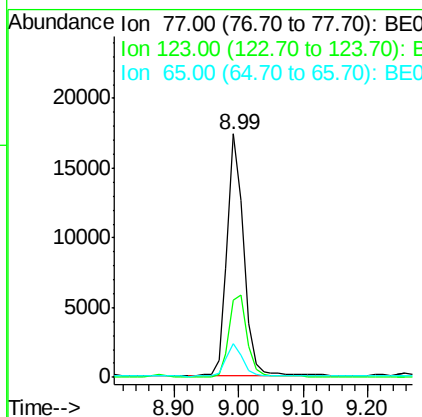
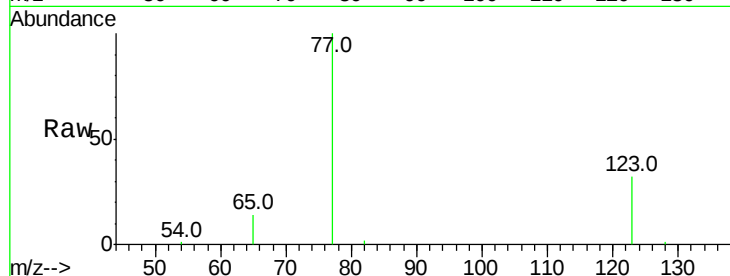
ClientSampleId :

PB89886BS

Tot Ion:	77	Resp:	30865
Ion Ratio	Lower	Upper	
77	100		
123	36.7	26.9	40.3
65	13.8	9.4	14.2

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#10

Naphthalene

Concen: 2.83 ng

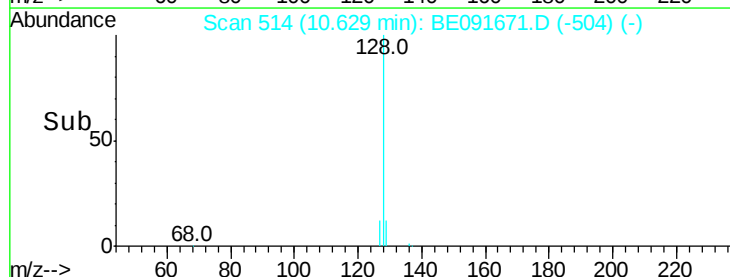
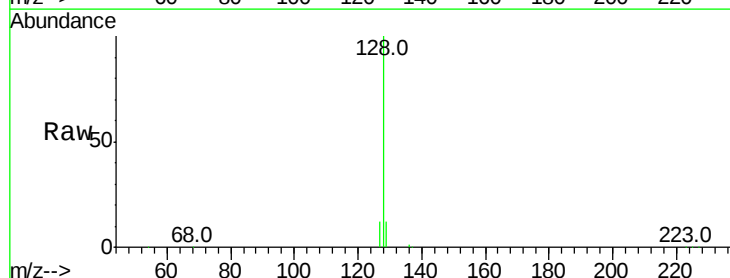
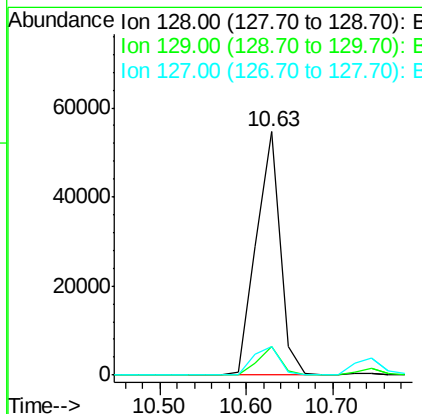
RT: 10.63 min Scan# 514

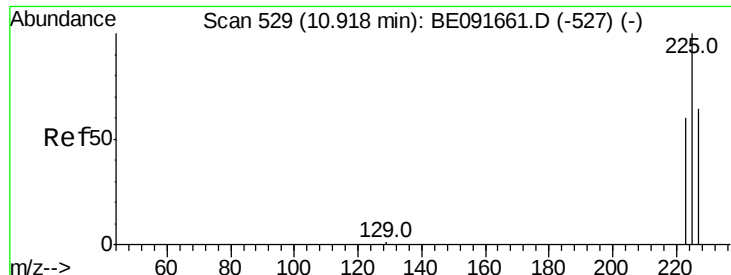
Delta R.T. -0.00 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Tgt Ion:	128	Resp:	104973
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.3	13.9
127	11.9	10.7	16.1





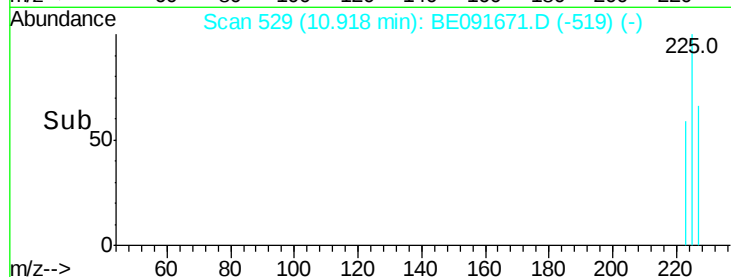
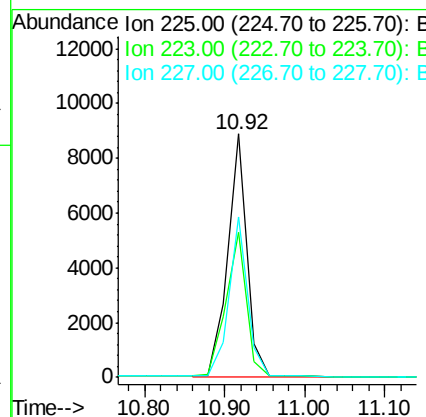
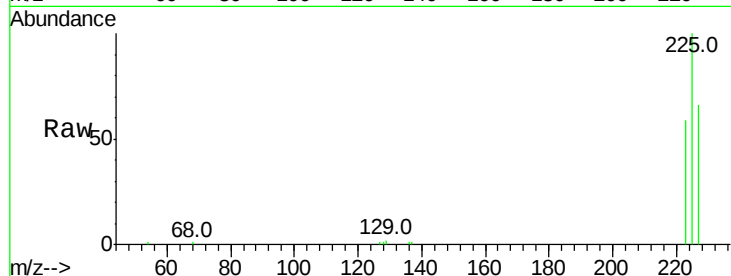
#11
Hexachlorobutadiene
Concen: 3.02 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Instrument :
BNA_E
ClientSampleId :
PB89886BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.6
227	64.9	50.3	75.5

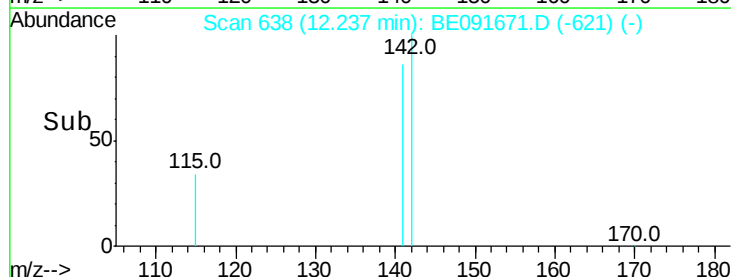
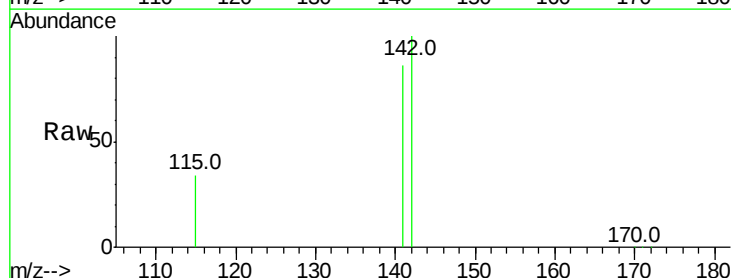
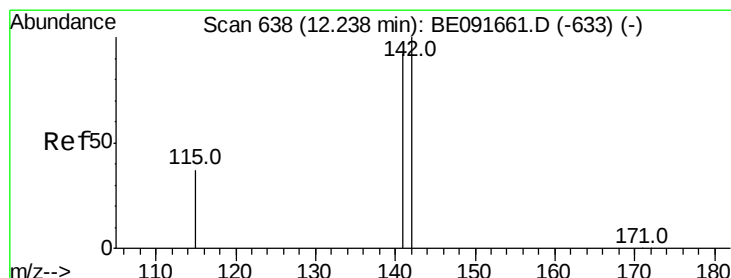
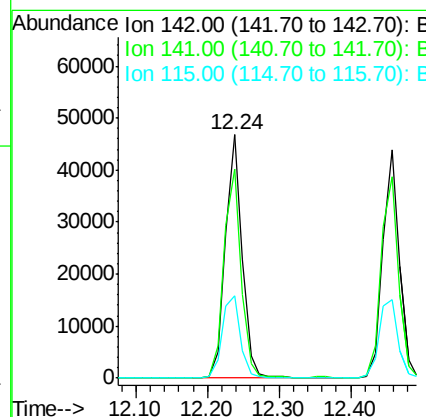
Manual Integrations
APPROVED

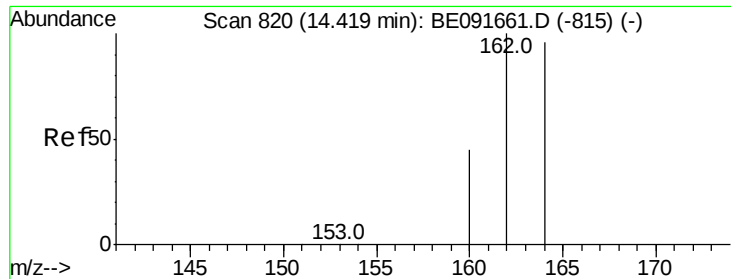
Sohil
4/19/2016 6:40:30 PM



#12
2-Methylnaphthalene
Concen: 3.18 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.4	107.0
115	33.6	30.3	45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Instrument :

BNA_E

ClientSampled :

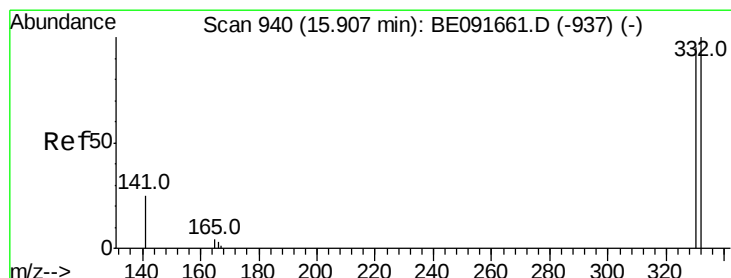
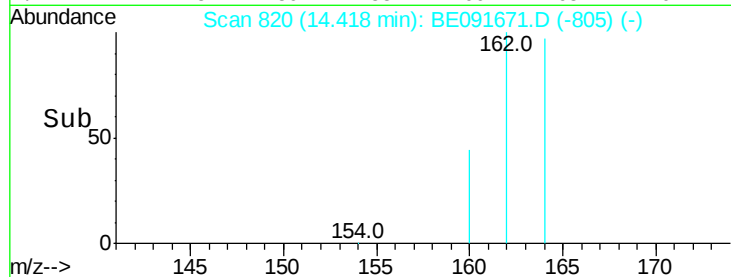
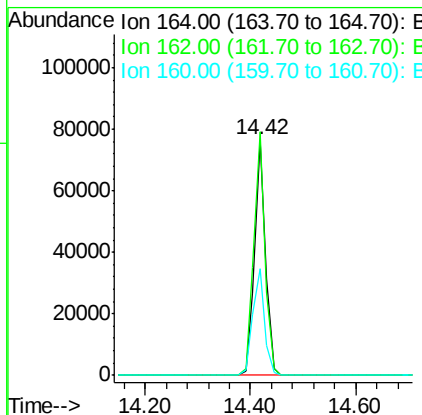
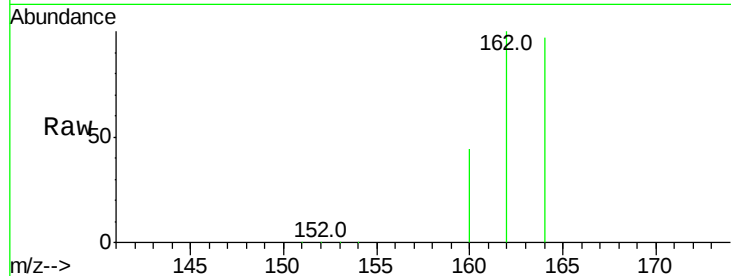
PB89886BS

Tot Ion:164 Resp: 112263

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.3	127.9
160	45.5	46.2	69.2#

Manual Integrations
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Sohil
4/19/2016 6:40:30 PM



#14

2,4,6-Tribromophenol

Concen: 6.82 ng

RT: 15.90 min Scan# 939

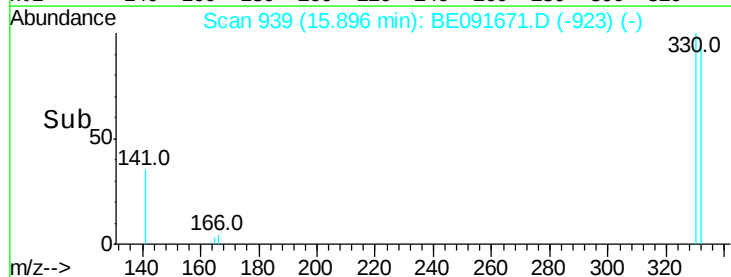
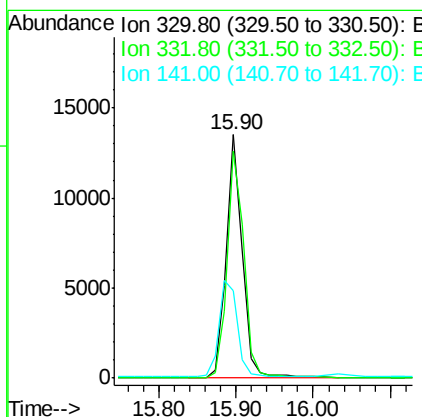
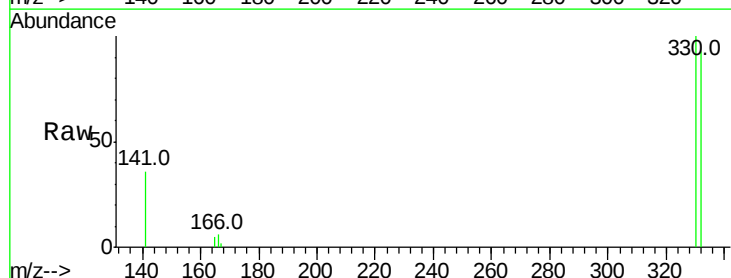
Delta R.T. -0.01 min

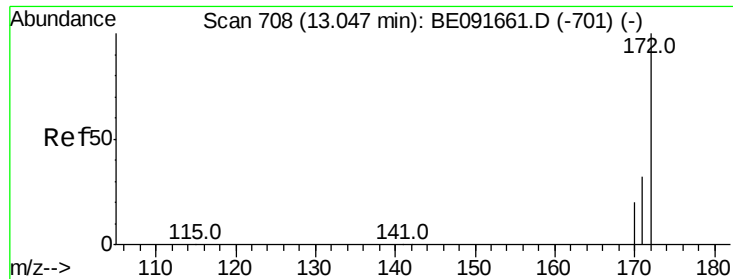
Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Tgt Ion:330 Resp: 22062

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	40.0	125.4	188.0#





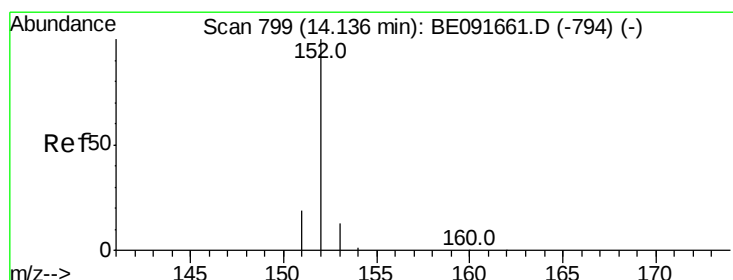
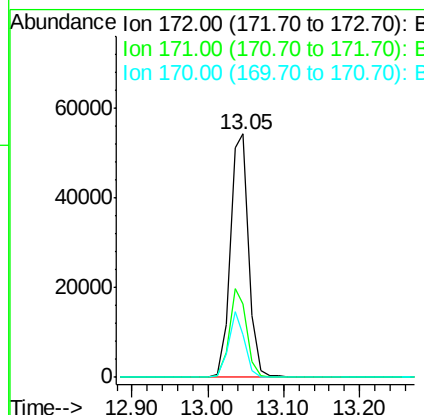
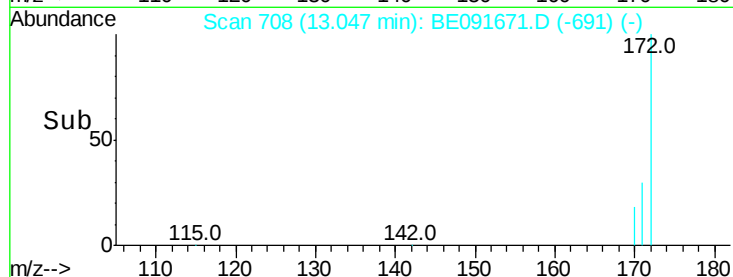
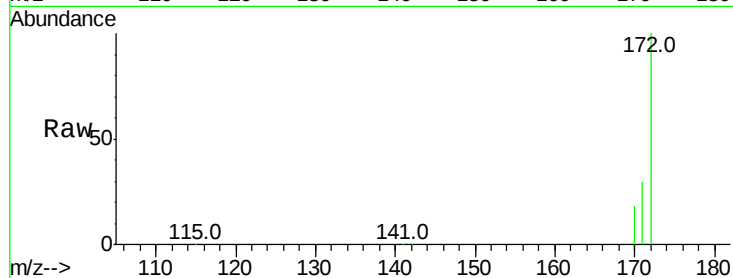
#15
2-Fluorobiphenyl
Concen: 2.97 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Instrument :
BNA_E
ClientSampleId :
PB89886BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	30.1	28.8	43.2
170	17.6	19.3	28.9

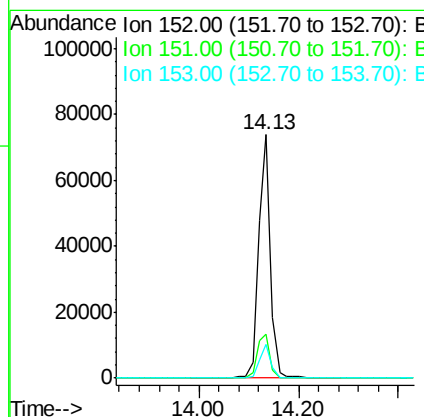
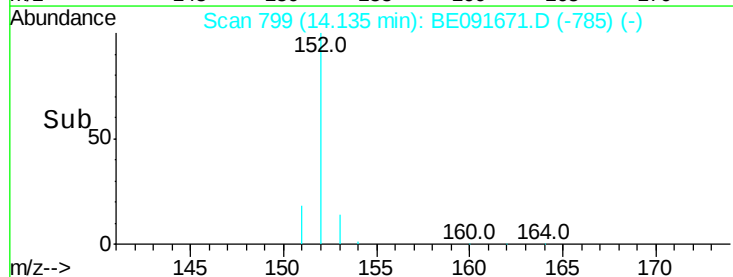
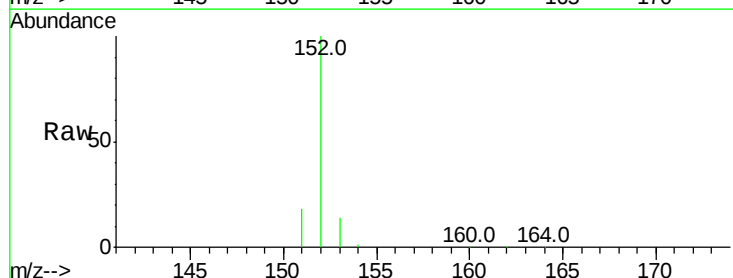
Manual Integrations
APPROVED

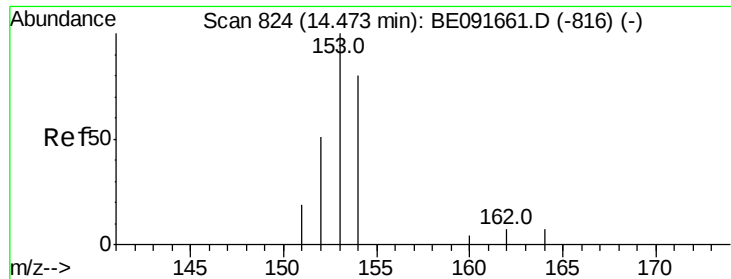
Sohil
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#16
Acenaphthylene
Concen: 3.12 ng
RT: 14.13 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	3.9	5.9
153	13.8	10.3	15.5





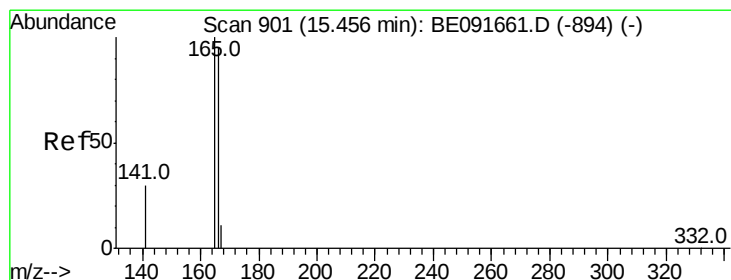
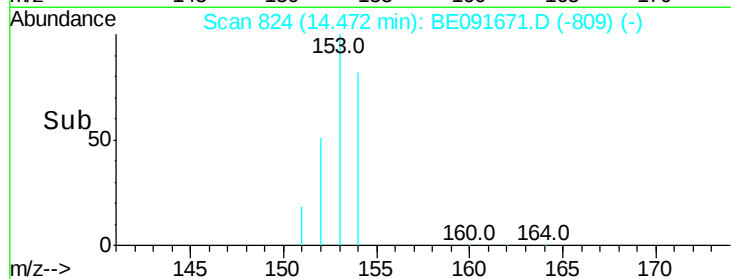
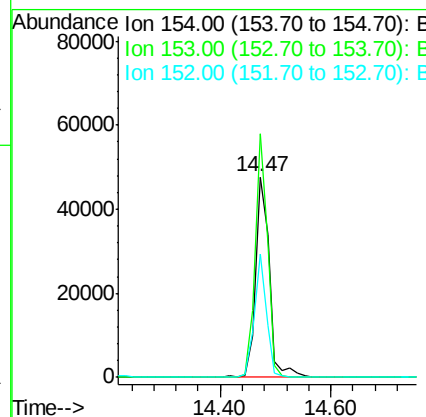
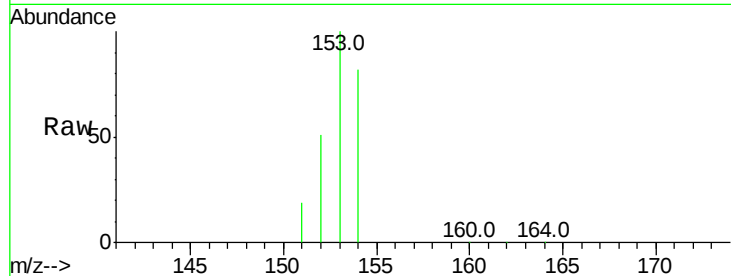
#17
Acenaphthene
Concen: 2.97 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Instrument :
BNA_E
ClientSampleId :
PB89886BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	107.9	80.0	120.0
152	53.5	40.0	60.0

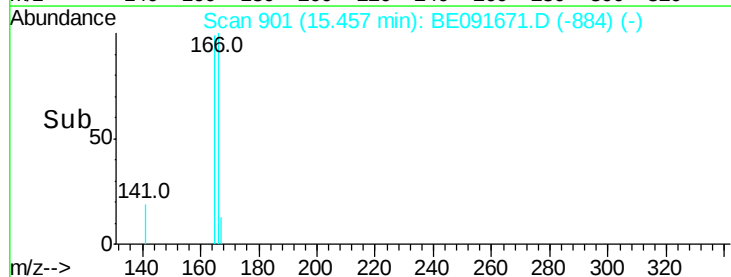
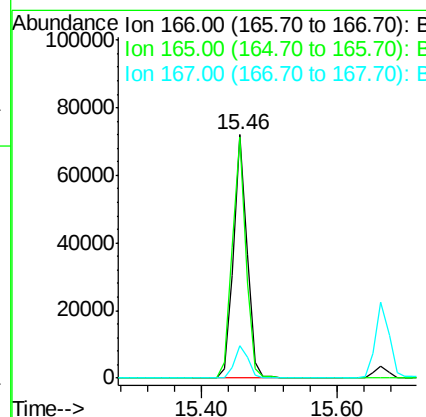
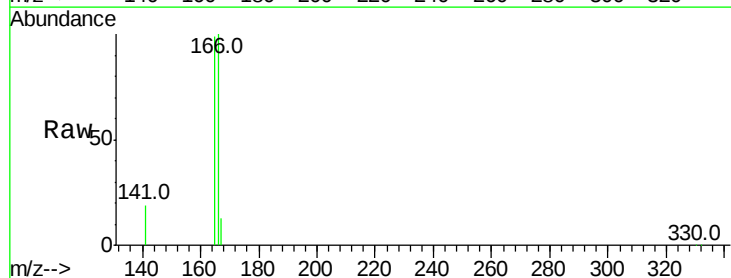
Manual Integrations
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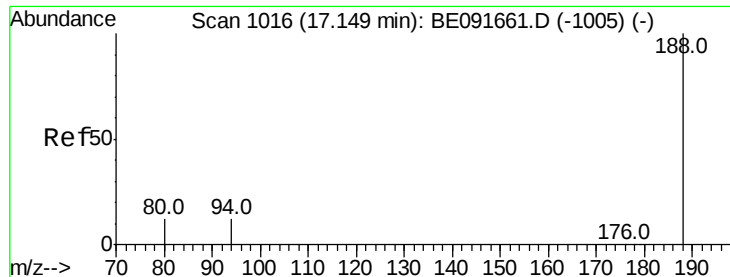
Sohil
4/19/2016 6:40:30 PM



#18
Fluorene
Concen: 3.04 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.8	121.2
167	13.5	10.9	16.3





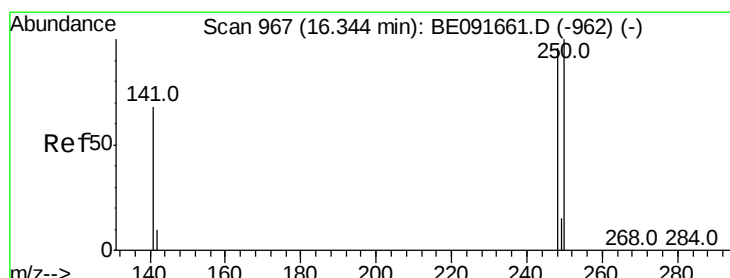
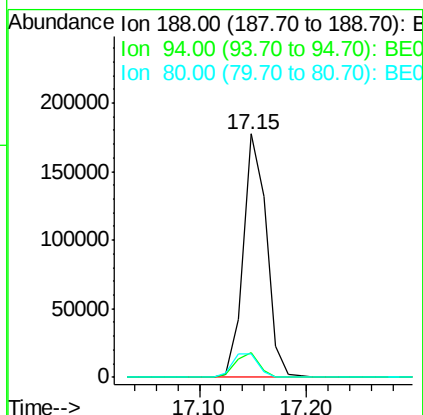
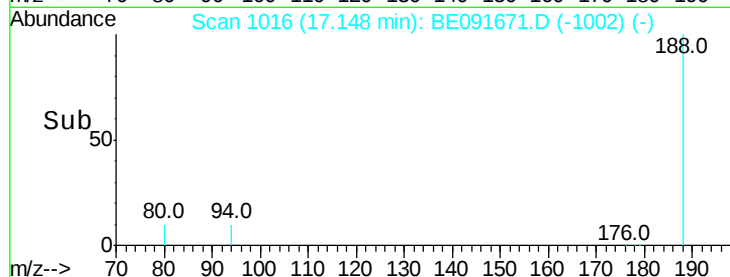
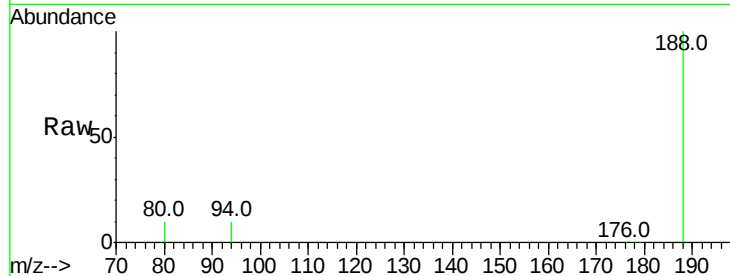
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Instrument :
BNA_E
ClientSampleId :
PB89886BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.2	8.7	13.1
80	9.8	9.4	14.0

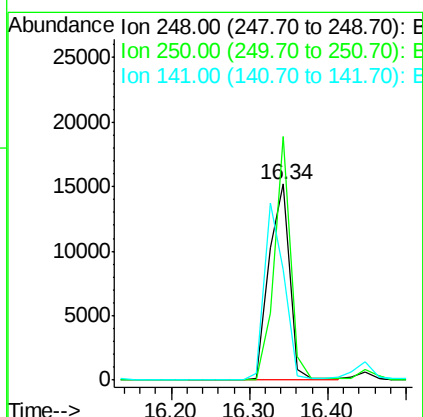
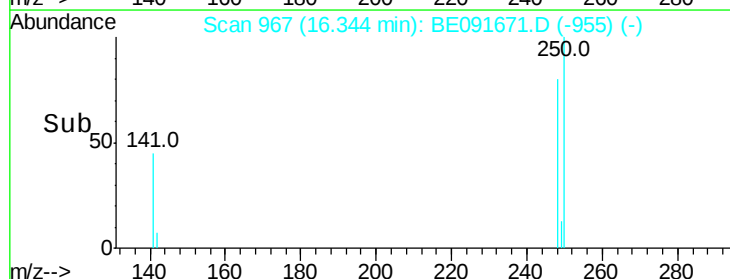
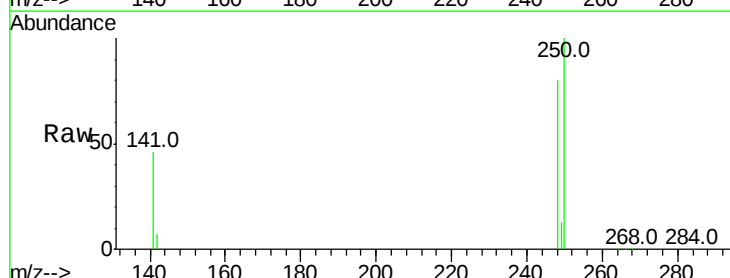
Manual Integrations
APPROVED

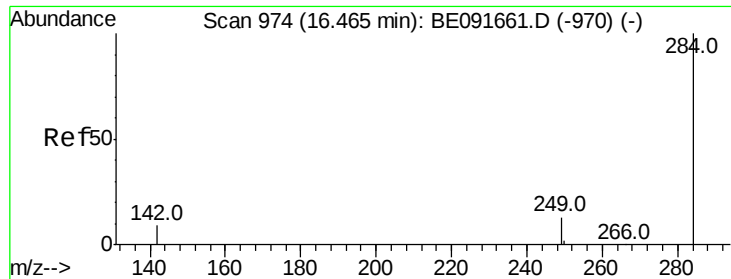
Sohil
4/19/2016 6:40:30 PM



#20
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	98.4	80.5	120.7
141	86.8	72.0	108.0





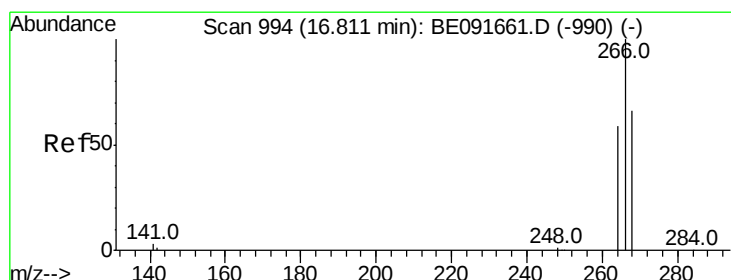
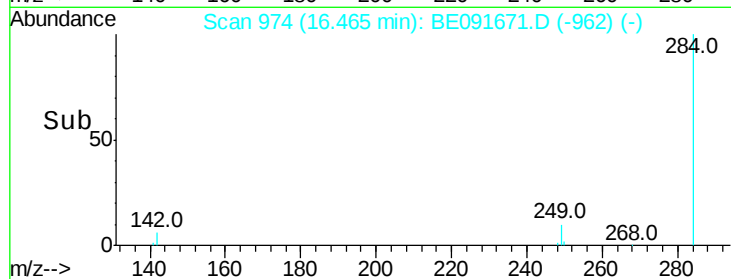
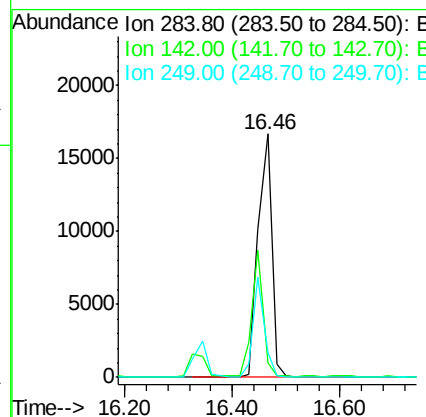
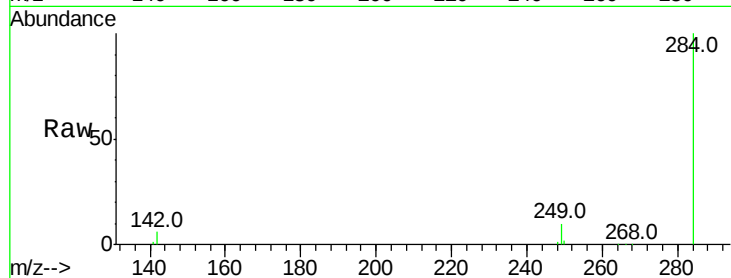
#21
Hexachlorobenzene
Concen: 2.98 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Instrument :
BNA_E
ClientSampleId :
PB89886BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.0	32.2	48.2
249	33.6	25.4	38.2

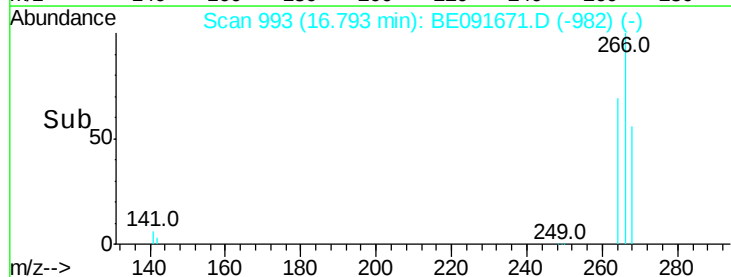
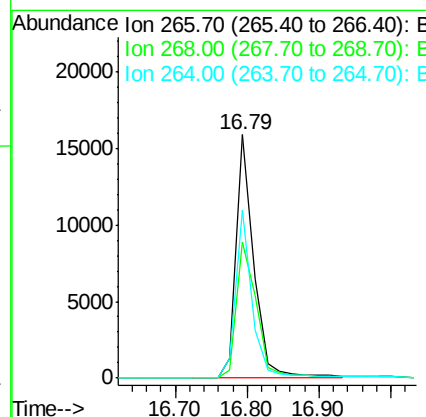
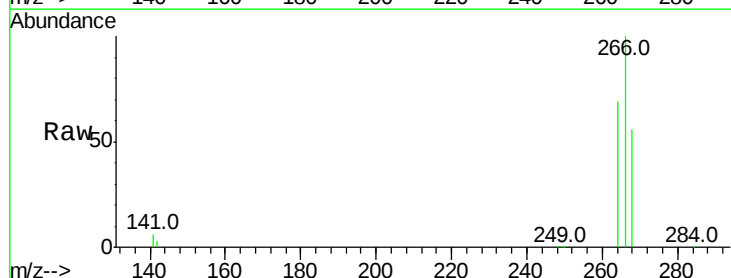
Manual Integrations
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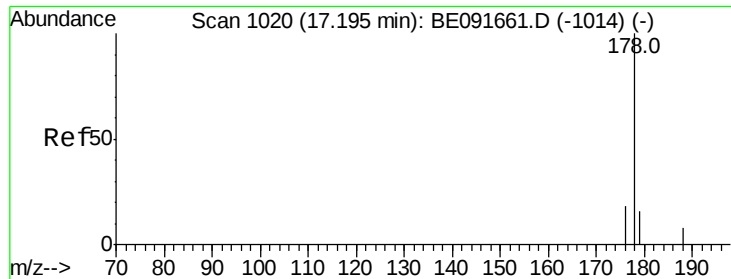
Sohil
4/19/2016 6:40:30 PM



#22
Pentachlorophenol
Concen: 6.11 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	56.1	58.2	87.2#
264	68.9	56.2	84.4





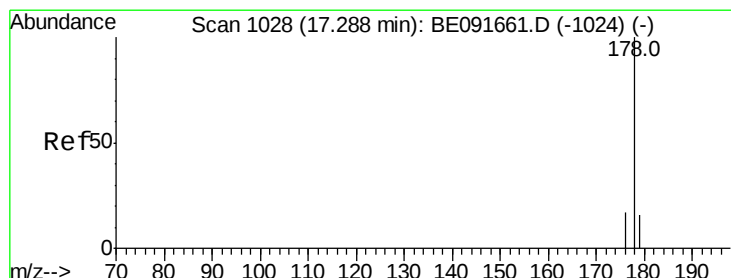
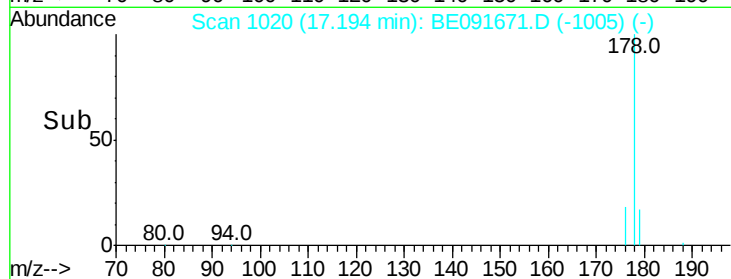
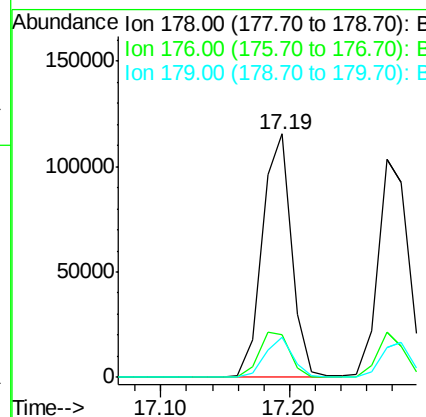
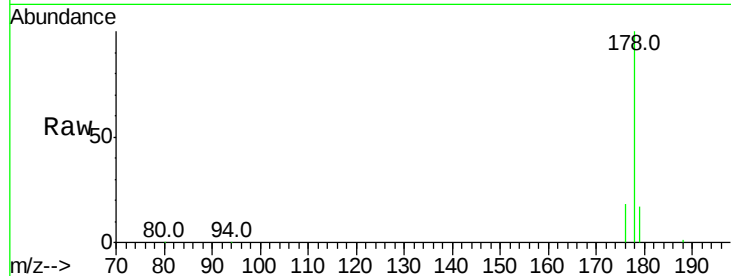
#23
Phenanthrene
Concen: 3.05 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Instrument :
BNA_E
ClientSampleId :
PB89886BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.6	12.6	18.8

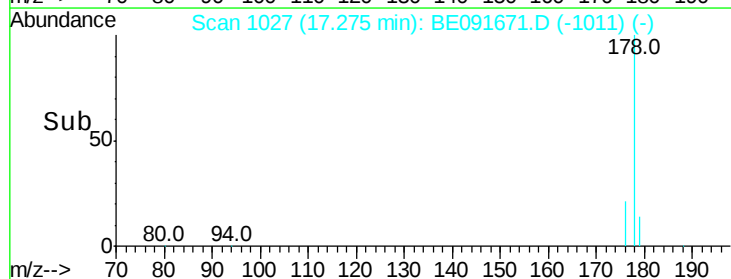
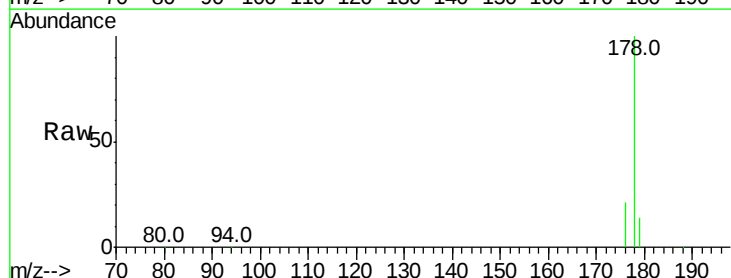
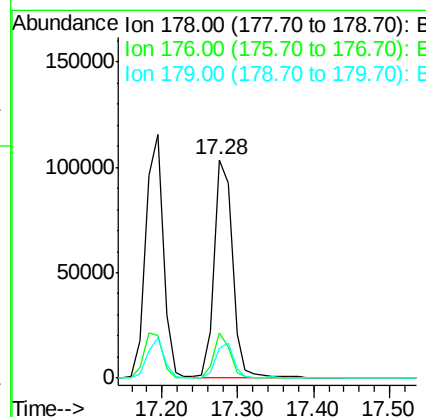
Manual Integrations
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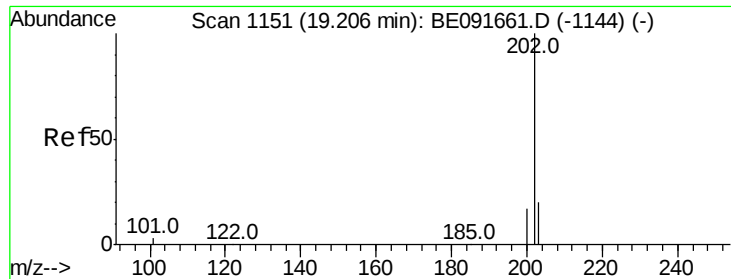
Sohil
4/19/2016 6:40:30 PM



#24
Anthracene
Concen: 3.23 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.7	11.8	17.6





#25

Fluoranthene

Concen: 3.20 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Instrument :

BNA_E

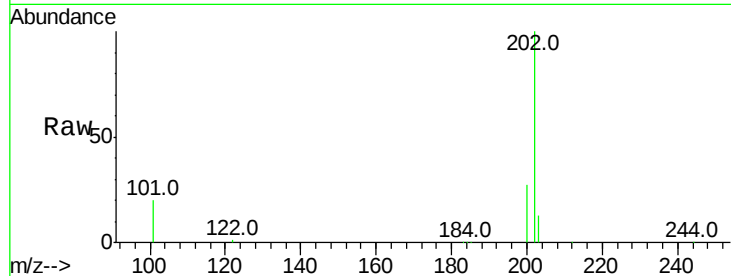
ClientSampleId :

PB89886BS

Tot Ion:	202	Resp:	191489
Ion Ratio	Lower	Upper	
202	100		
101	12.4	11.0	16.6
203	17.5	13.9	20.9

Manual Integrations
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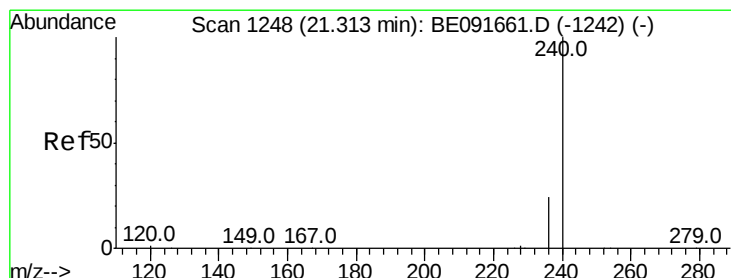
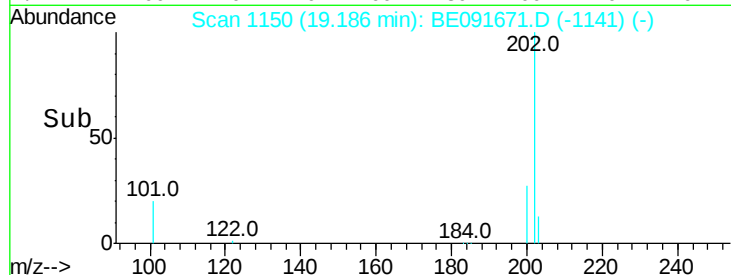
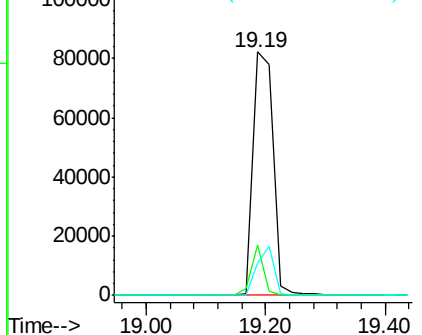
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

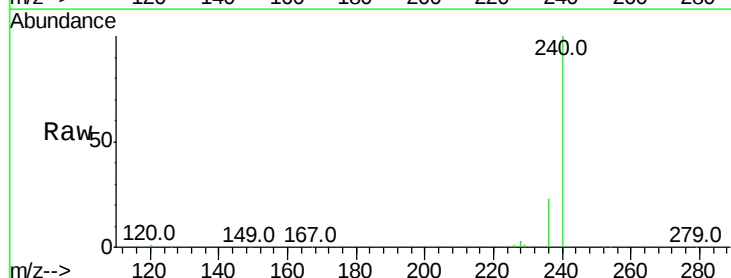
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

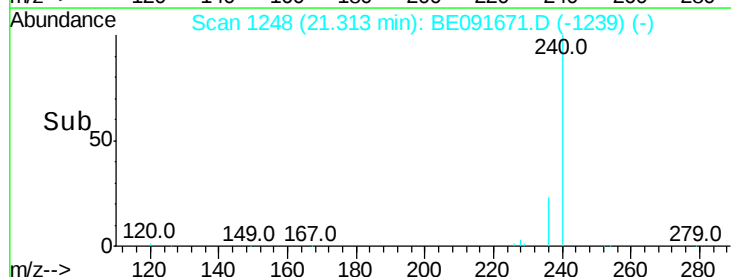
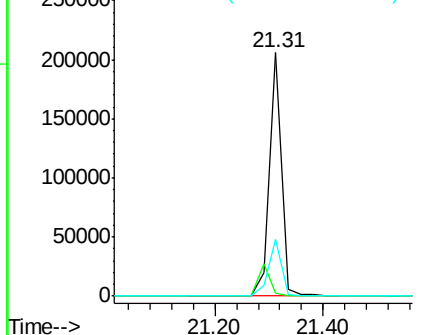
Tgt Ion:	240	Resp:	325368
Ion Ratio	Lower	Upper	
240	100		
120	1.1	11.0	16.4#
236	23.4	21.7	32.5

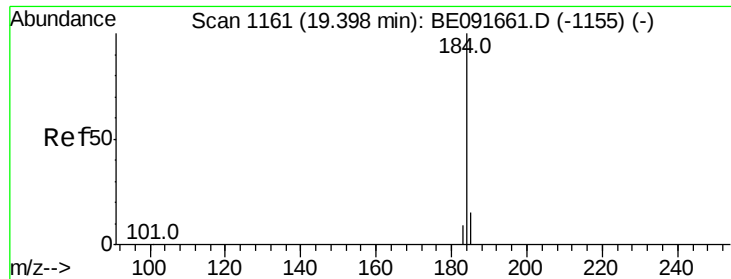


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.72 ng/mL

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Instrument :

BNA_E

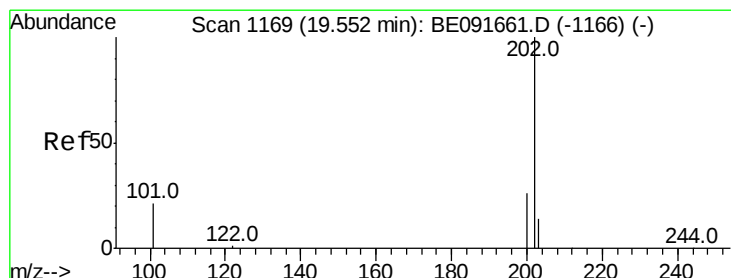
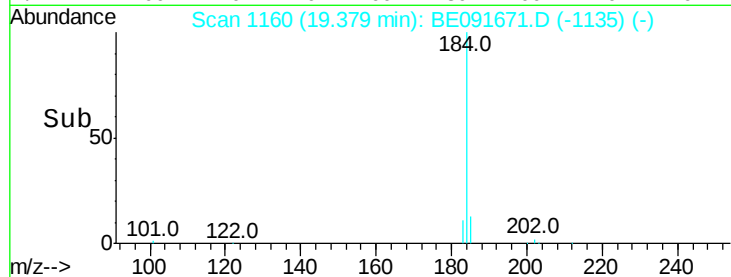
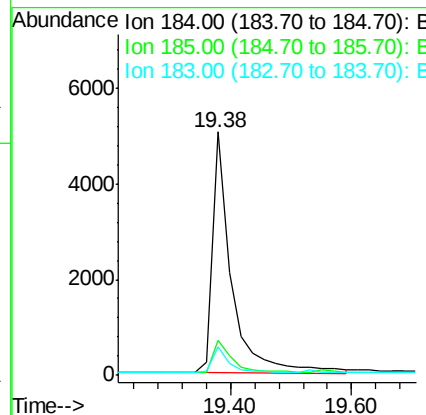
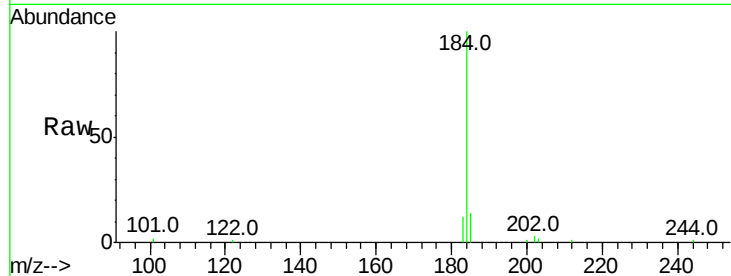
ClientSampleId :

PB89886BS

Tot Ion:	184	Resp:	11268
Ion Ratio	Lower	Upper	
184	100		
185	14.1	22.3	33.5#
183	11.8	16.4	24.6#

Manual Integrations
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4/19/2016 6:40:30 PM



#28

Pyrene

Concen: 3.29 ng/mL

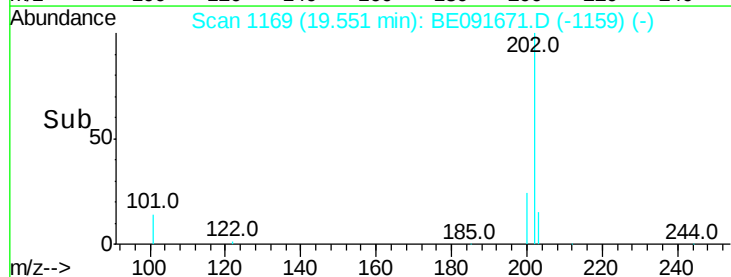
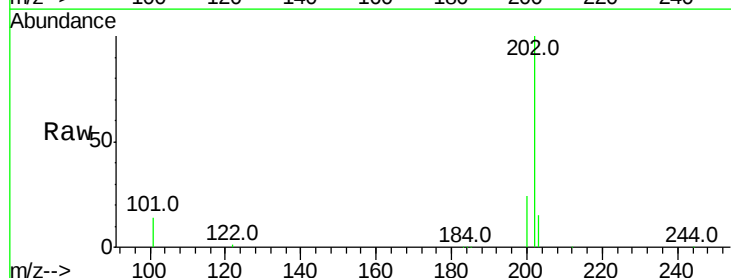
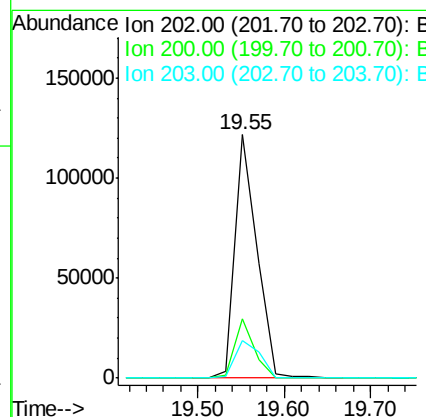
RT: 19.55 min Scan# 1169

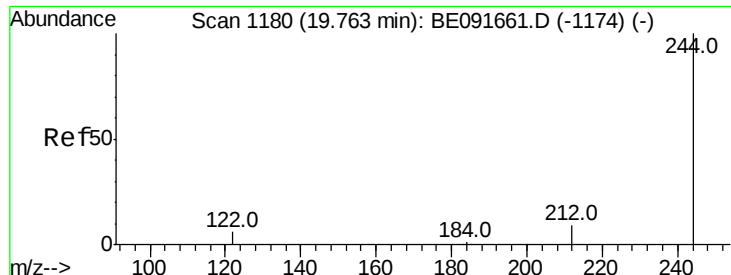
Delta R.T. -0.00 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Tgt Ion:	202	Resp:	213809
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.8	25.2
203	17.9	14.0	21.0





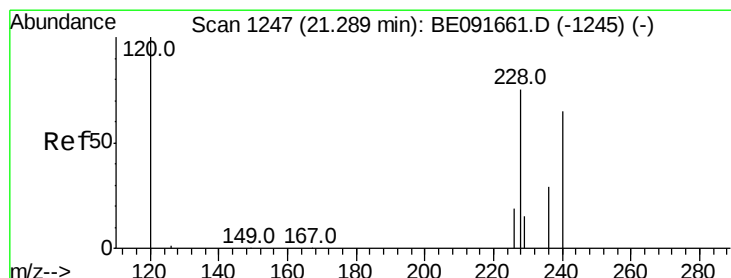
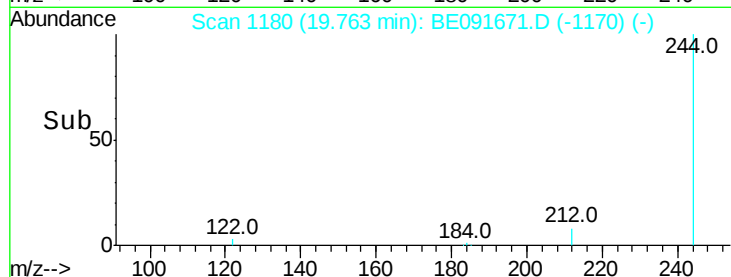
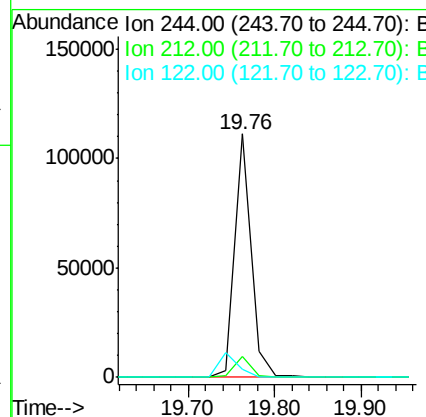
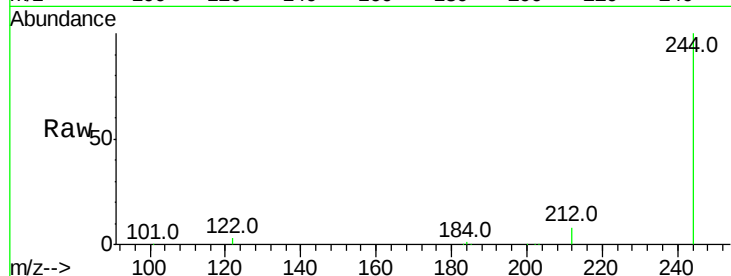
#29
 Terphenyl-d14
 Concen: 3.34 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091671.D
 Acq: 18 Apr 2016 19:45

Instrument :
 BNA_E
 ClientSampleId :
 PB89886BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	6.9	10.3
122	3.2	11.0	16.4

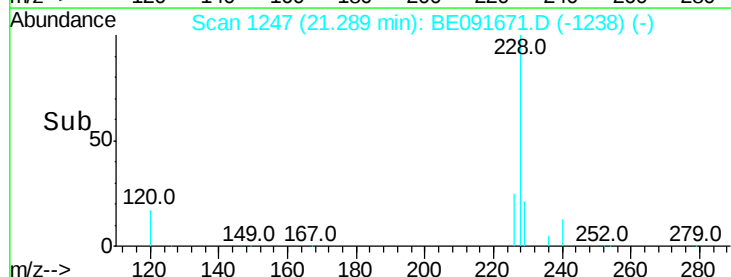
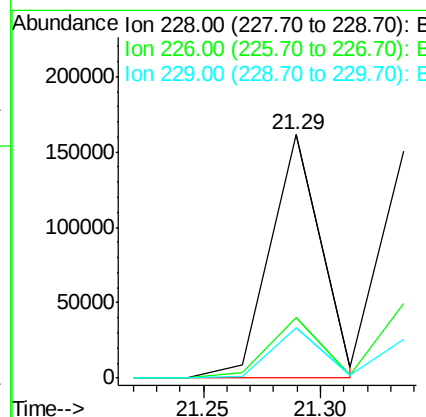
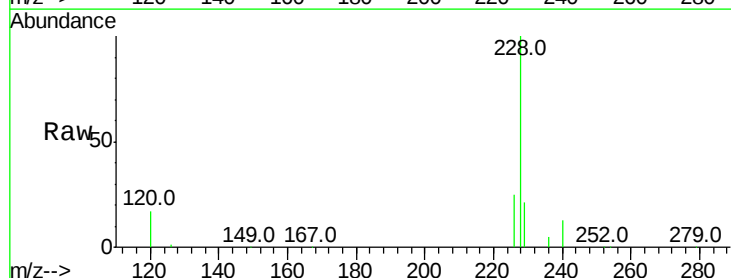
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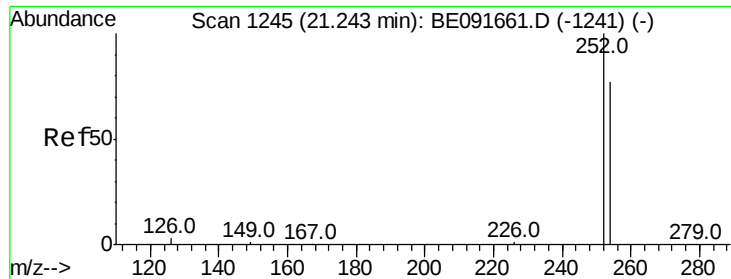
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#30
 Benzo(a)anthracene
 Concen: 3.24 ng m
 RT: 21.29 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BE091671.D
 Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	24.9	21.0	31.4
229	20.9	15.7	23.5





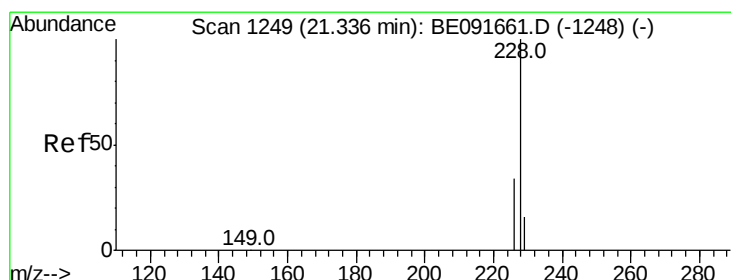
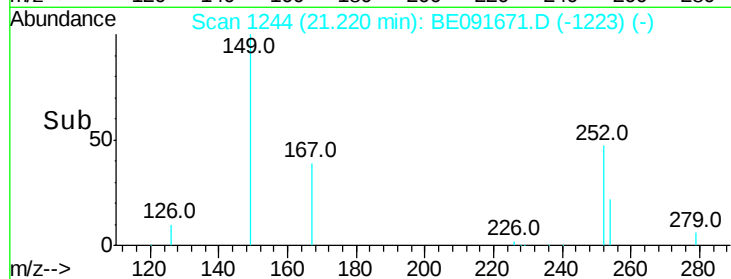
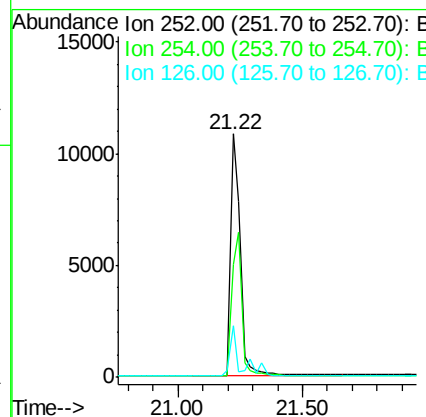
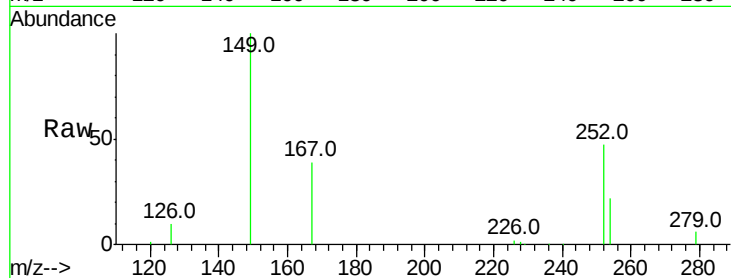
#31
 3,3'-Dichlorobenzidine
 Concen: 0.93 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091671.D
 Acq: 18 Apr 2016 19:45

Instrument :
 BNA_E
 ClientSampleId :
 PB89886BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	46.6	51.1	76.7#
126	21.4	12.6	18.8#

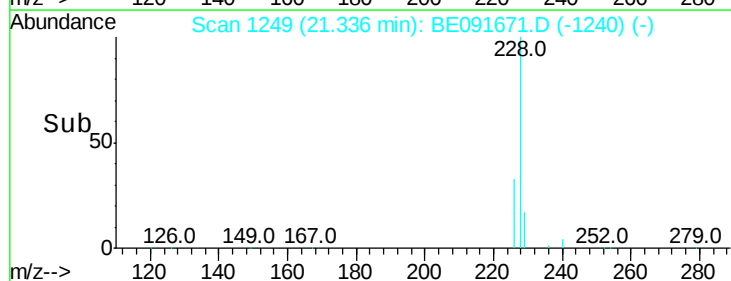
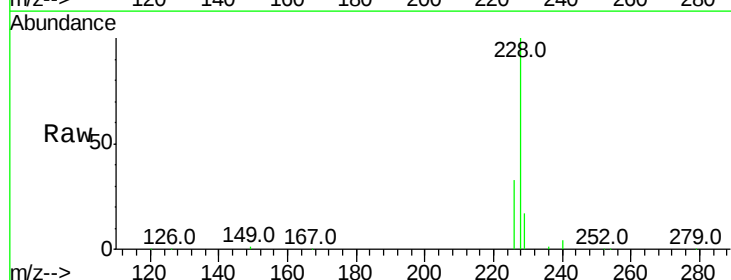
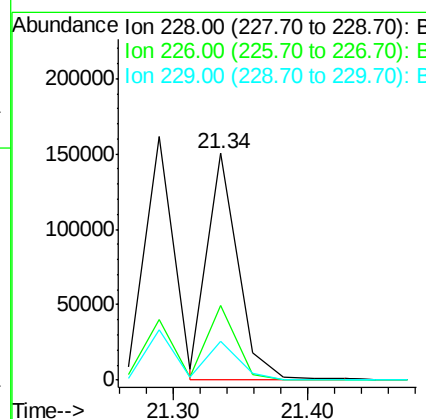
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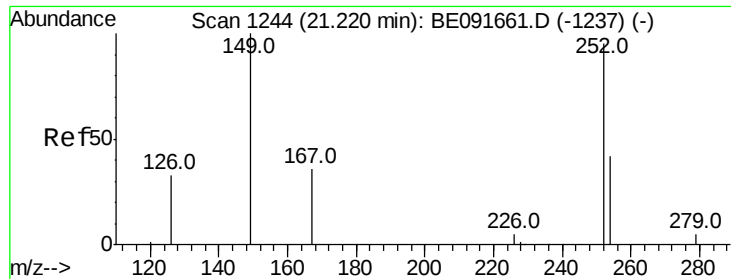
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#32
 Chrysene
 Concen: 3.11 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BE091671.D
 Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.0	36.0
229	17.2	15.9	23.9





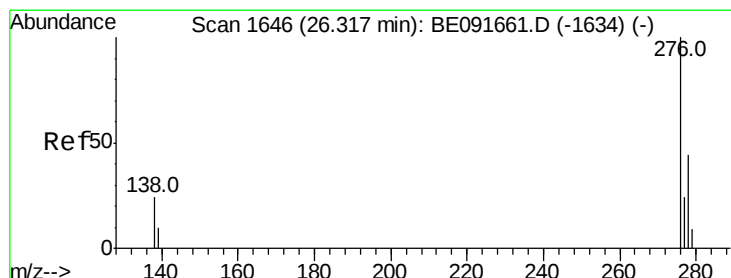
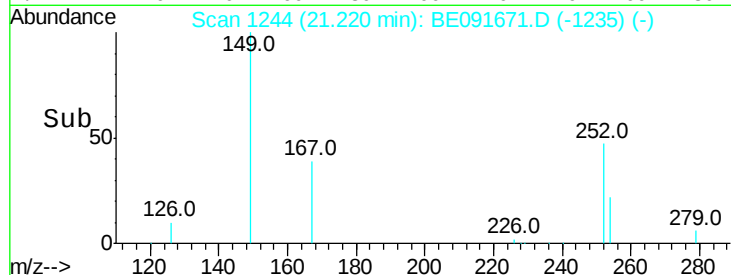
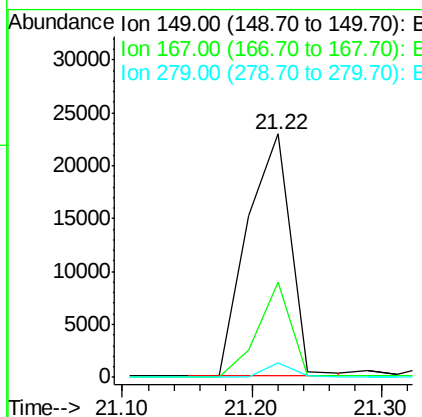
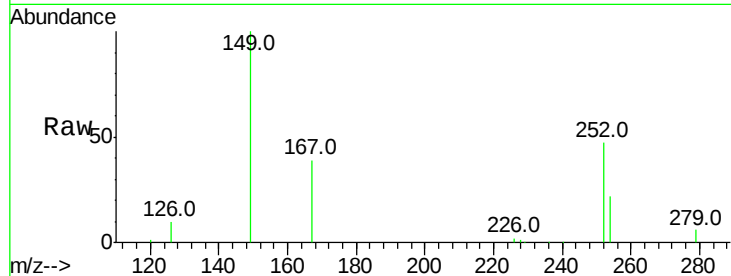
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 3.00 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091671.D
 Acq: 18 Apr 2016 19:45

Instrument :
 BNA_E
 ClientSampleId :
 PB89886BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.3	19.5	29.3	
279	3.9	10.0	15.0	

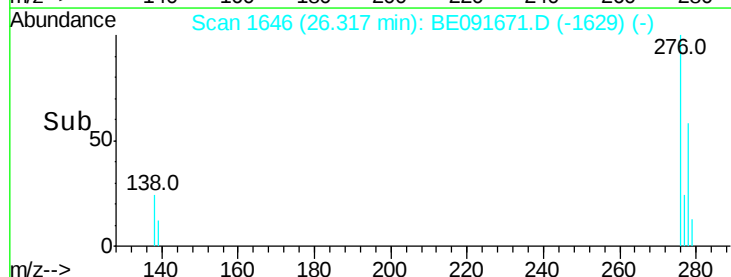
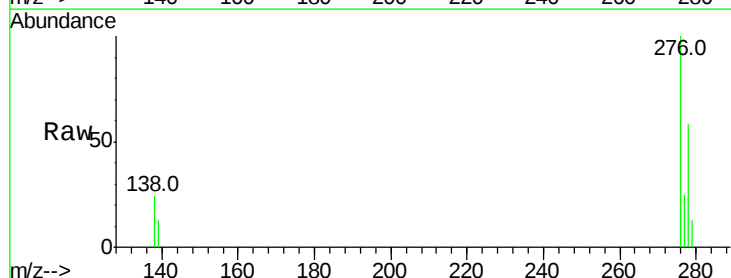
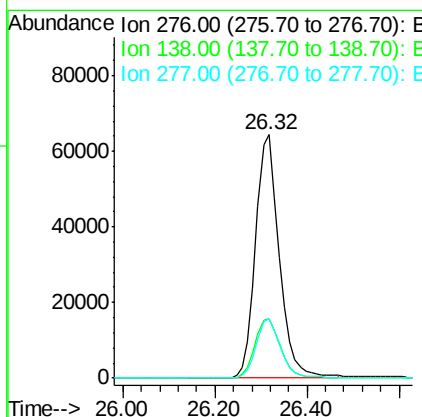
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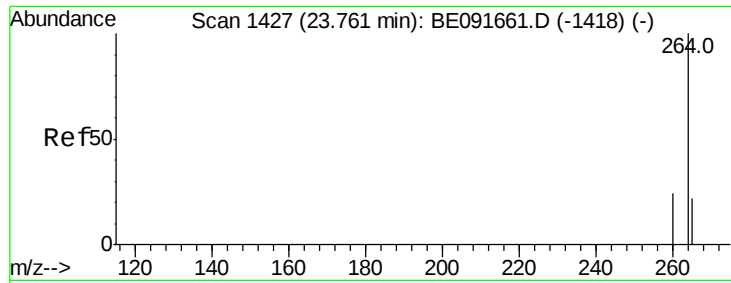
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#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.30 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: BE091671.D
 Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	26.2	23.4	35.2	
277	24.8	19.8	29.8	





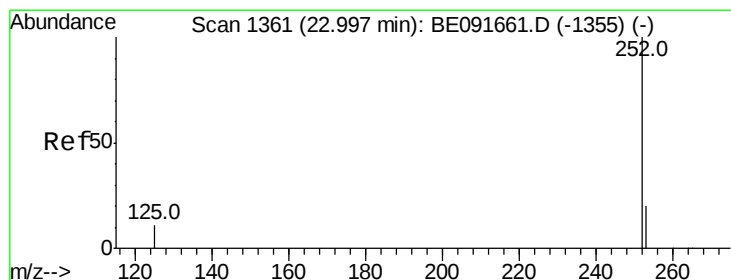
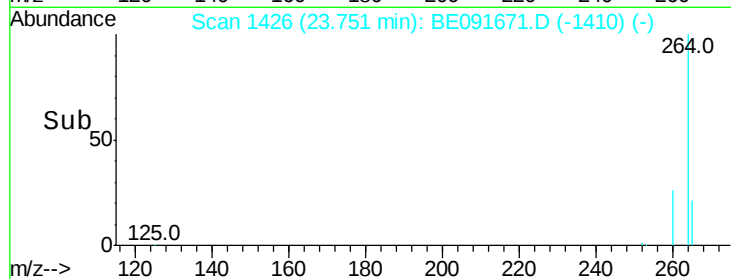
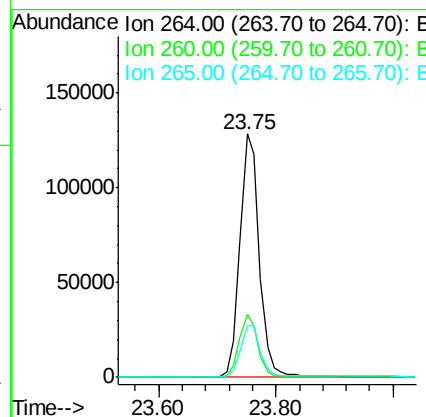
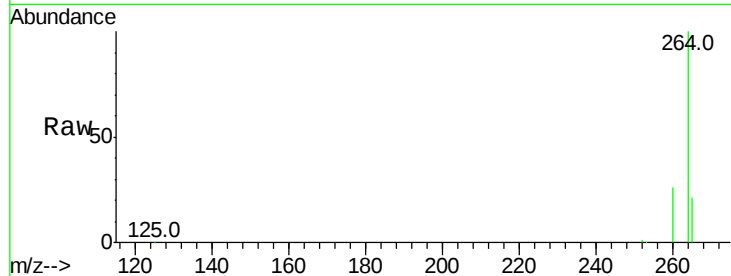
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Instrument :
BNA_E
ClientSampleId :
PB89886BS

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.9	20.0	30.0
265	21.3	17.5	26.3

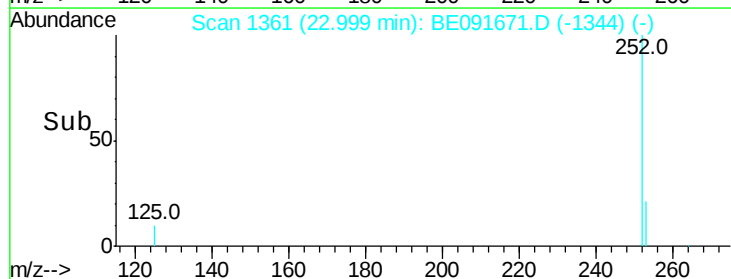
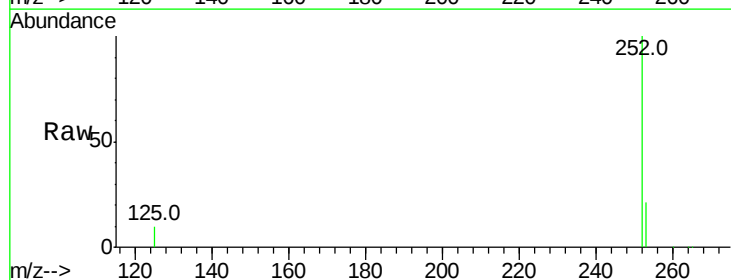
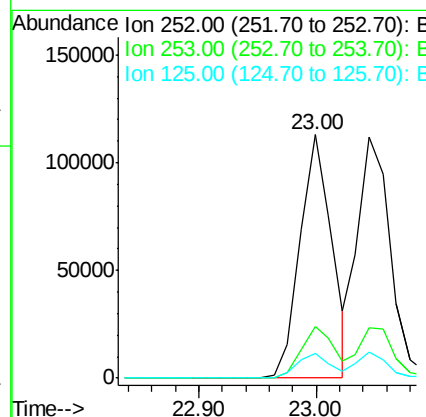
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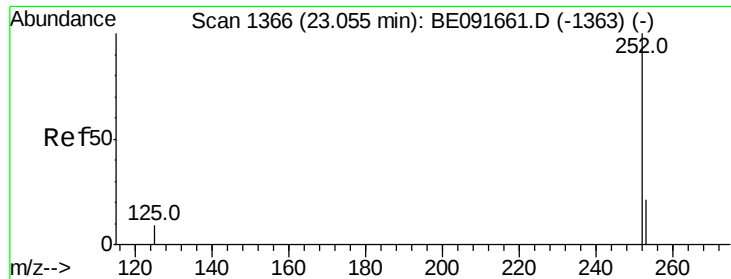
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#36
Benzo(b)fluoranthene
Concen: 3.28 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.4	17.4	26.0
125	10.3	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 3.18 ng

RT: 23.05 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Instrument :

BNA_E

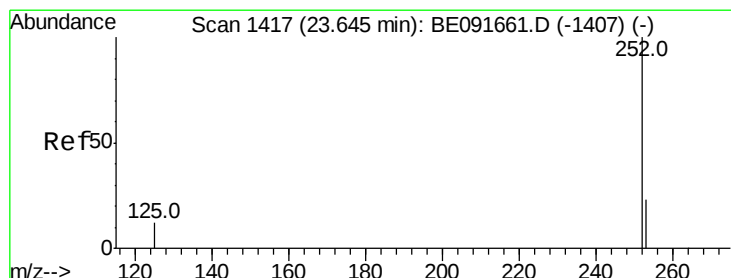
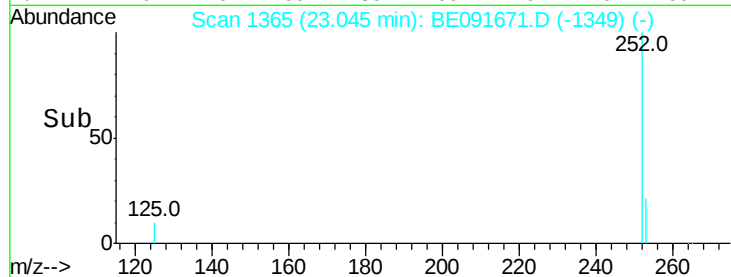
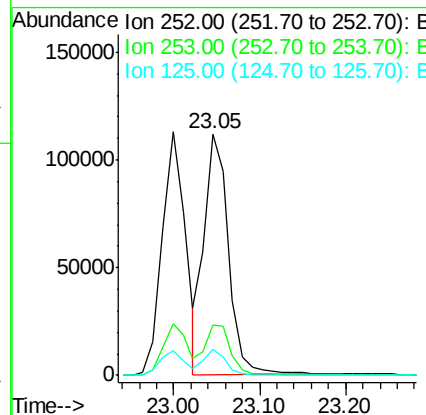
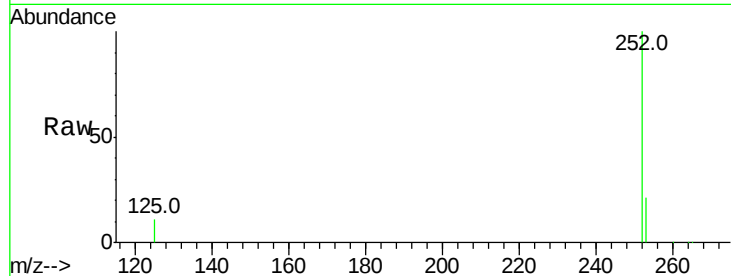
ClientSampleId :

PB89886BS

Tot Ion:	252	Resp:	217837
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.6	26.4
125	10.6	9.9	14.9

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#38

Benzo(a)pyrene

Concen: 3.29 ng

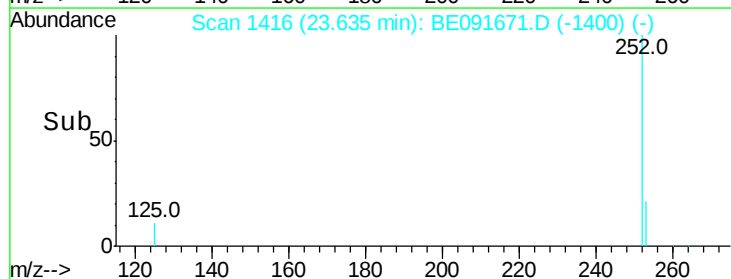
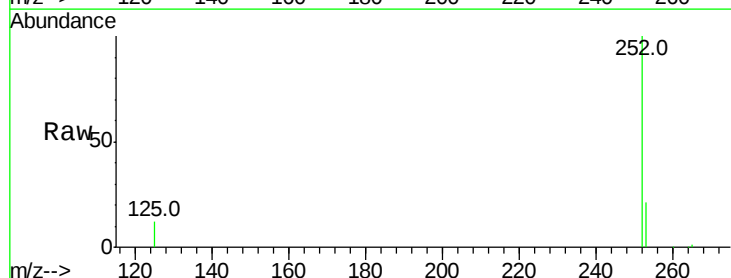
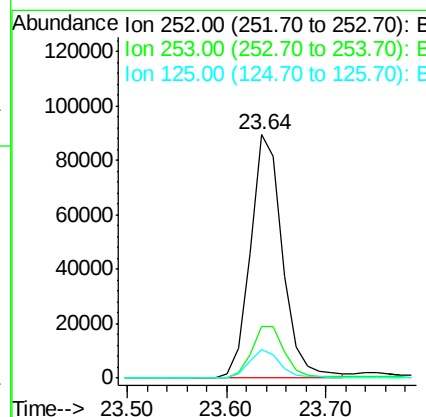
RT: 23.64 min Scan# 1416

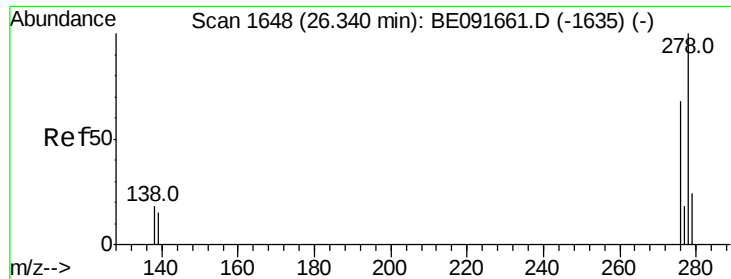
Delta R.T. -0.01 min

Lab File: BE091671.D

Acq: 18 Apr 2016 19:45

Tgt Ion:	252	Resp:	197816
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.1	27.1
125	11.5	11.0	16.4





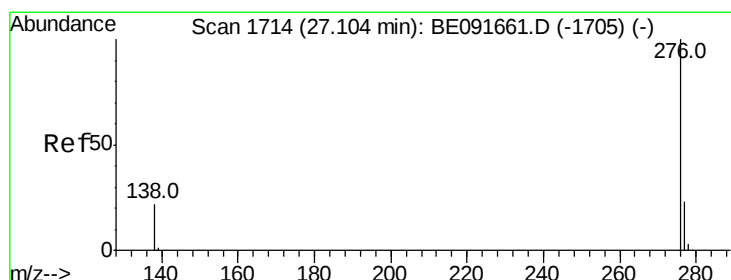
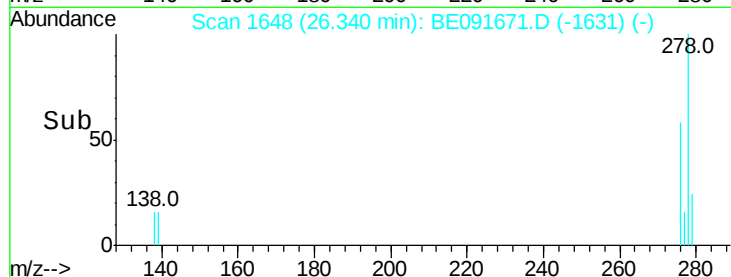
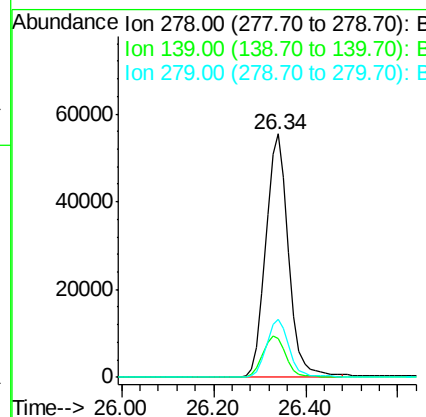
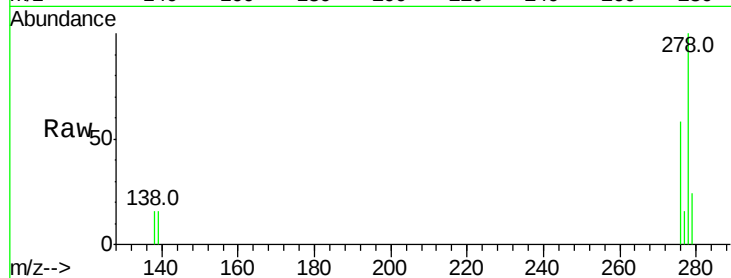
#39
Dibenzo(a,h)anthracene
Concen: 3.25 ng
RT: 26.34 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Instrument :
BNA_E
ClientSampleId :
PB89886BS

Tot Ion	Ratio	Resp	Lower	Upper
278	100	191129		
139	16.0	16.0	24.0	
279	23.8	19.4	29.2	

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#40
Benzo(g,h,i)perylene
Concen: 3.18 ng
RT: 27.10 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BE091671.D
Acq: 18 Apr 2016 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	193748		
277	24.0	18.6	28.0	
138	21.9	20.4	30.6	

