

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091829.D
 Acq On : 20 May 2016 2:58
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
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 5/20/2016 7:20:40 PM

Quant Time: May 20 15:12:59 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	21449	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	107623	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	72269	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	211746	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	255122	5.00	ng	-0.02
35) Perylene-d12	23.73	264	230938	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2572	0.46	ng	0.00
5) Phenol-d6	6.97	99	3625	0.46	ng	0.02
8) Nitrobenzene-d5	8.95	82	2969	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1222	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	7914	0.39	ng	-0.01
29) Terphenyl-d14	19.74	244	15078	0.42	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	1186	0.48	ng	91
3) n-Nitrosodimethylamine	3.63	42	1342	0.39	ng	# 96
6) bis(2-Chloroethyl)ether	7.21	93	2476	0.39	ng	# 80
9) Nitrobenzene	8.98	77	3007	0.41	ng	# 95
10) Naphthalene	10.61	128	9156	0.38	ng	99
11) Hexachlorobutadiene	10.90	225	1339m	0.38	ng	
12) 2-Methylnaphthalene	12.23	142	6116	0.38	ng	96
16) Acenaphthylene	14.12	152	13058	0.41	ng	# 82
17) Acenaphthene	14.46	154	7610	0.39	ng	92
18) Fluorene	15.44	166	9804	0.39	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	2923	0.37	ng	93
21) Hexachlorobenzene	16.45	284	2983	0.36	ng	98
22) Pentachlorophenol	16.79	266	1186	0.35	ng	92
23) Phenanthrene	17.17	178	18543	0.35	ng	97
24) Anthracene	17.26	178	17449	0.38	ng	99
25) Fluoranthene	19.19	202	22739	0.40	ng	# 96
27) Benzidine	19.38	184	4307	0.28	ng	92
28) Pyrene	19.55	202	23386	0.42	ng	99
30) Benzo(a)anthracene	21.27	228	25849m	0.42	ng	
31) 3,3'-Dichlorobenzidine	21.22	252	19970	0.51	ng	# 91
32) Chrysene	21.34	228	21172m	0.44	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	12926m	0.60	ng	
34) Indeno(1,2,3-cd)pyrene	26.27	276	25927	0.41	ng	96
36) Benzo(b)fluoranthene	22.97	252	22621	0.39	ng	94
37) Benzo(k)fluoranthene	23.02	252	23708	0.40	ng	95
38) Benzo(a)pyrene	23.61	252	22288	0.40	ng	94
39) Dibenzo(a,h)anthracene	26.29	278	21610	0.40	ng	97
40) Benzo(g,h,i)perylene	27.06	276	22118	0.40	ng	97

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

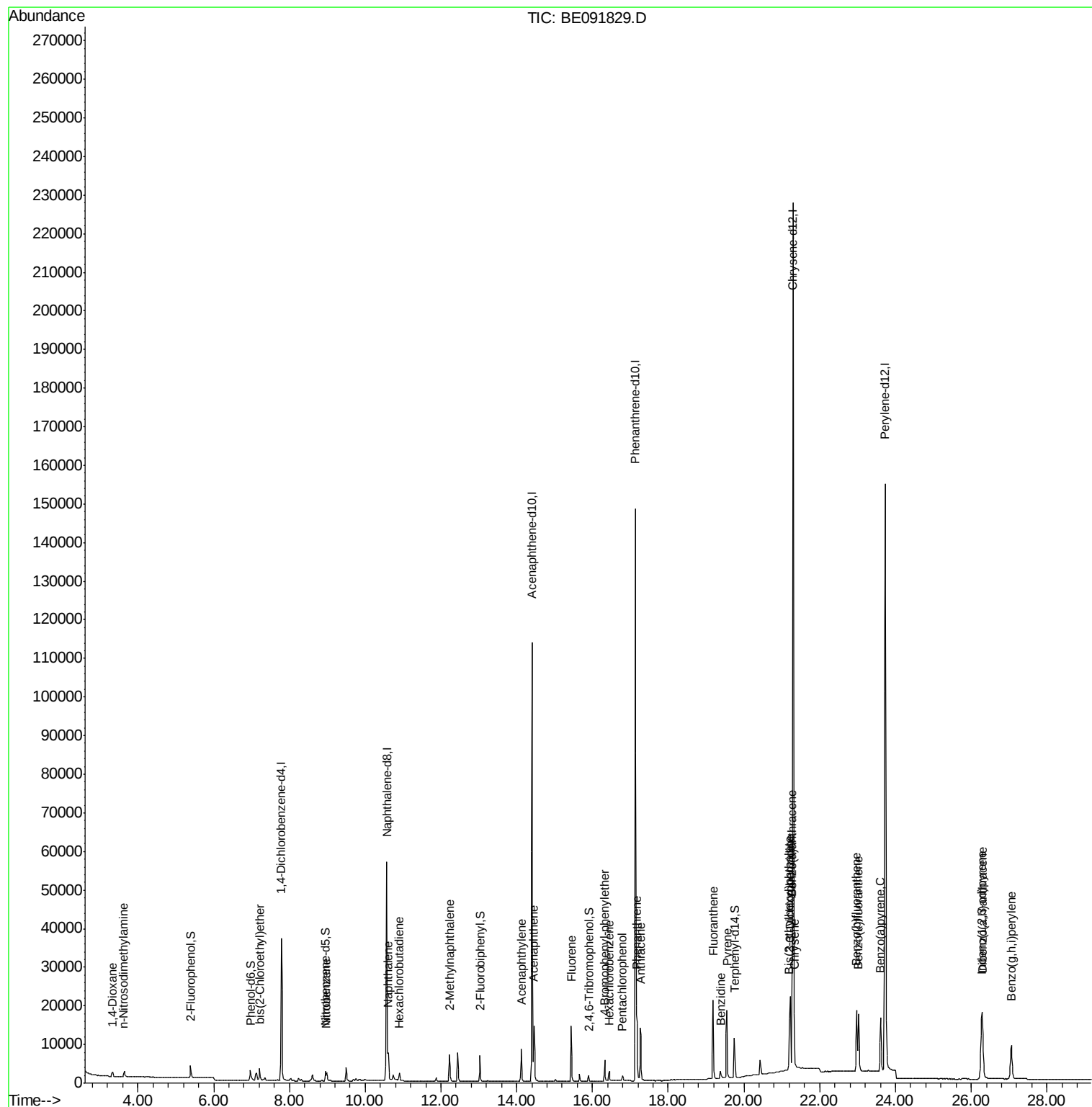
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091829.D
Acq On : 20 May 2016 2:58
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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Quant Time: May 20 15:12:59 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 152 Resp: 21449

Ion Ratio Lower Upper

152 100

150 176.7 122.6 183.8

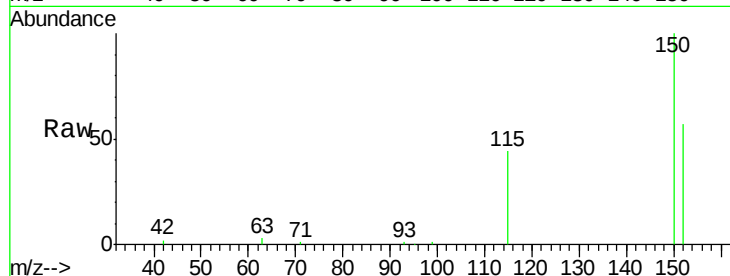
115 77.1 52.8 79.2

Manual Integrations

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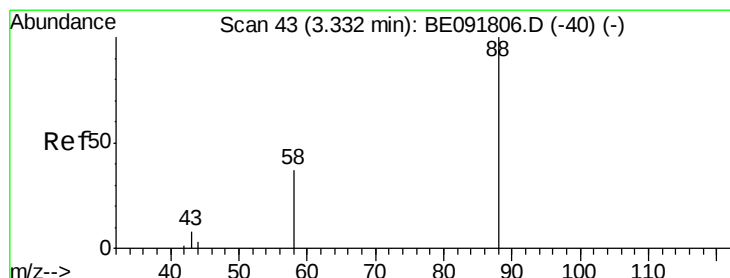
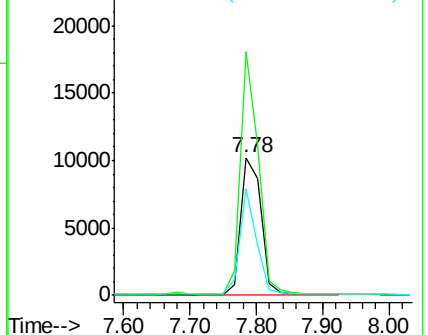
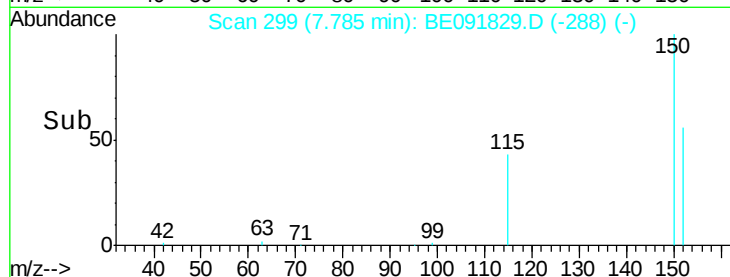
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.48 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

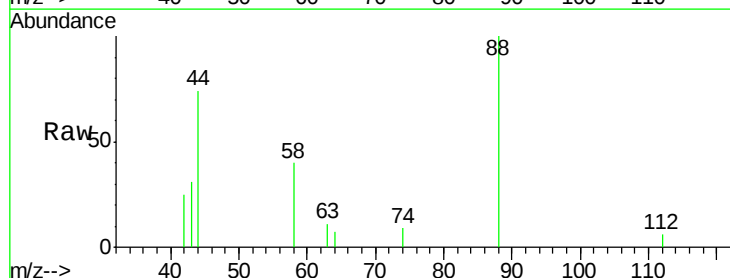
Tgt Ion: 88 Resp: 1186

Ion Ratio Lower Upper

88 100

58 72.9 65.8 98.6

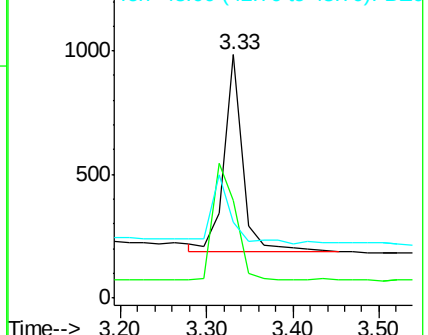
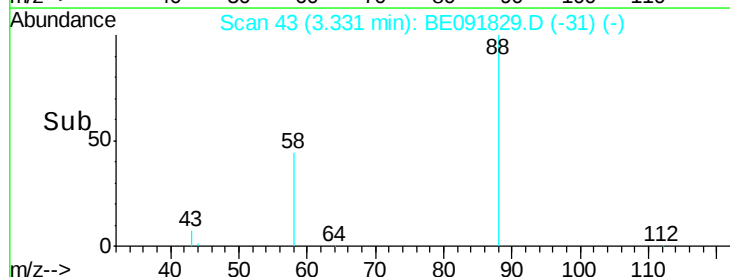
43 35.2 25.3 37.9

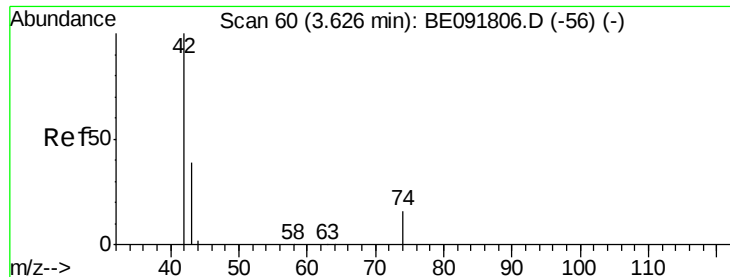


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.63 min Scan# 60

Delta R.T. -0.00 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Instrument :

BNA_E

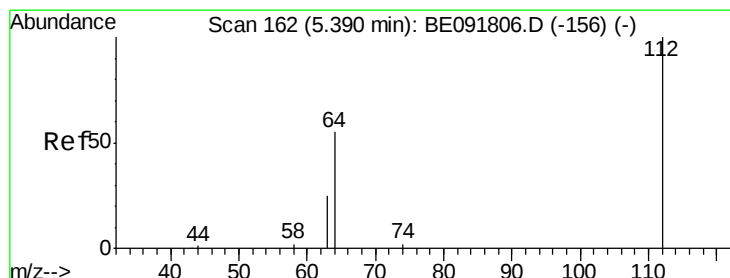
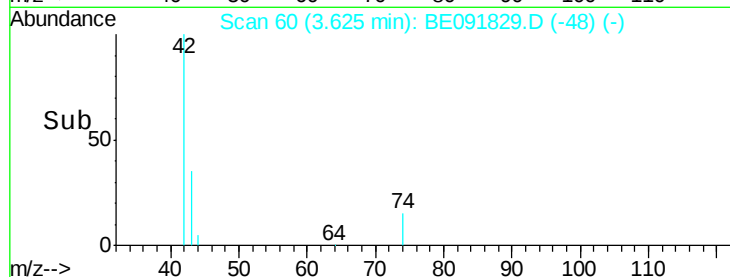
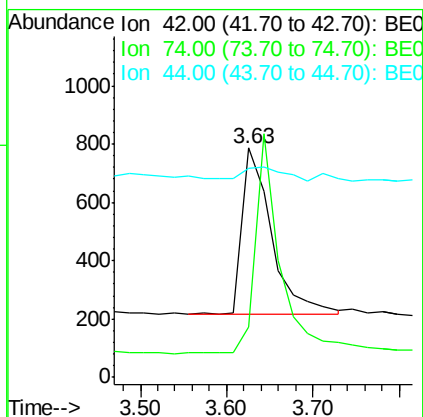
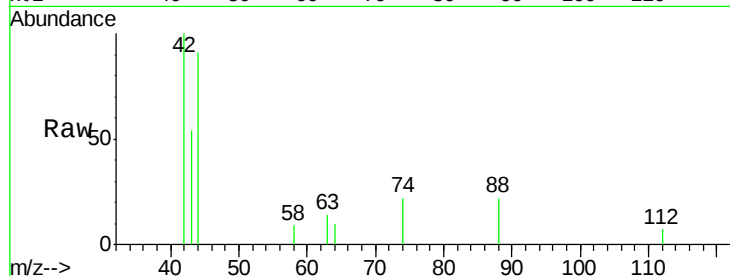
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	42	Resp:	1342
Ion Ratio	Lower	Upper	
42	100		
74	113.6	87.9	131.9
44	12.2	6.6	9.8#

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#4

2-Fluorophenol

Concen: 0.46 ng

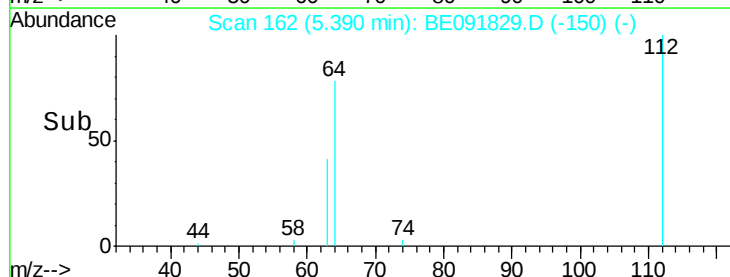
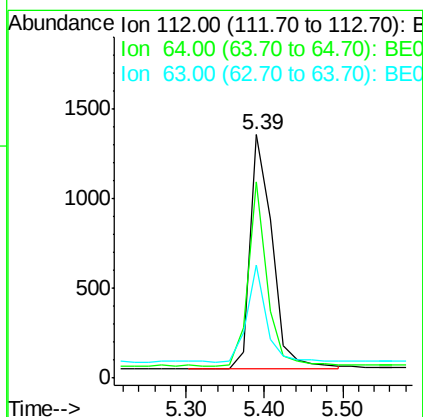
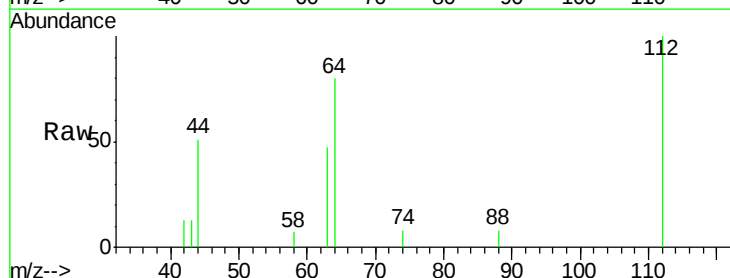
RT: 5.39 min Scan# 162

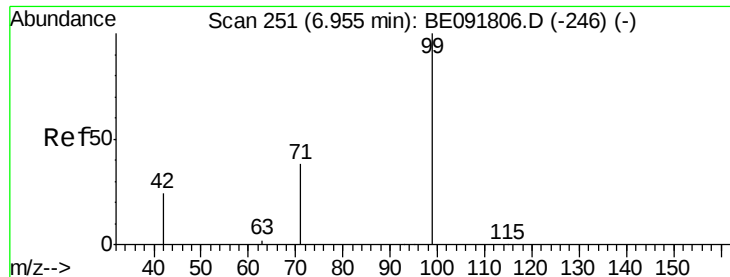
Delta R.T. -0.00 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Tgt Ion:	112	Resp:	2572
Ion Ratio	Lower	Upper	
112	100		
64	67.4	30.9	46.3#
63	36.4	16.7	25.1#





#5

Phenol-d6

Concen: 0.46 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.02 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Instrument :

BNA_E

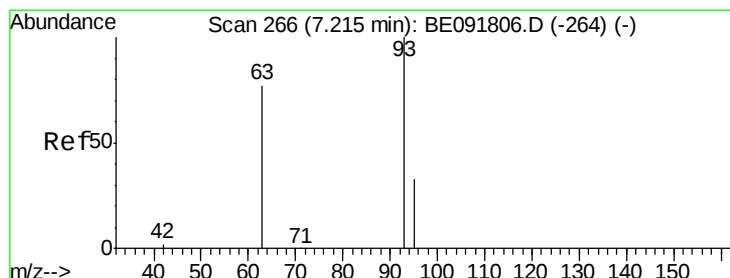
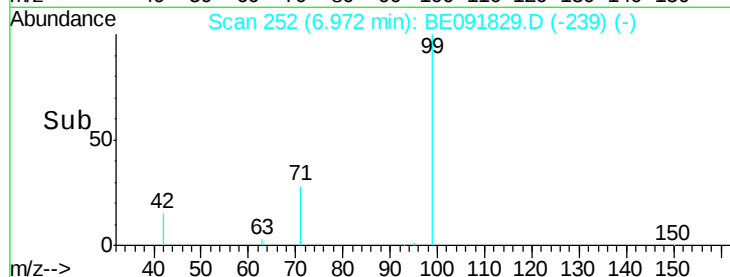
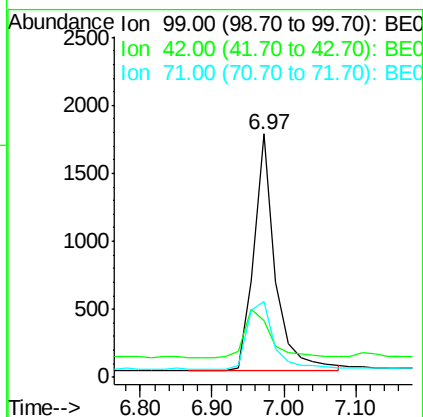
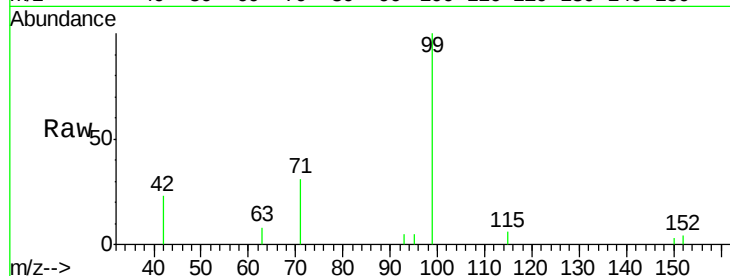
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	99	Resp:	3625
Ion Ratio	Lower	Upper	
99	100		
42	25.0	16.2	24.2#
71	35.5	29.0	43.4

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#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

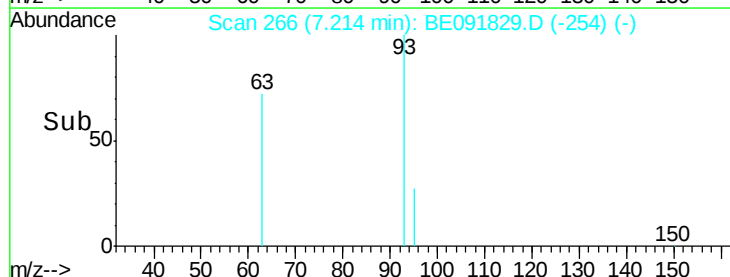
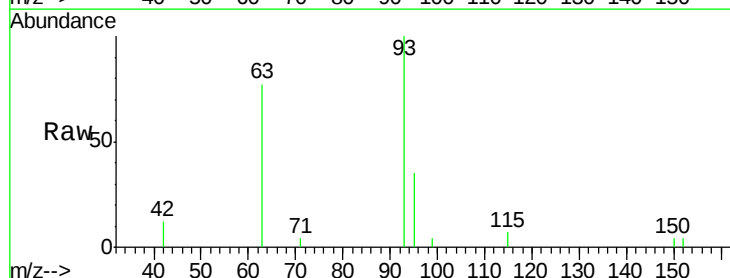
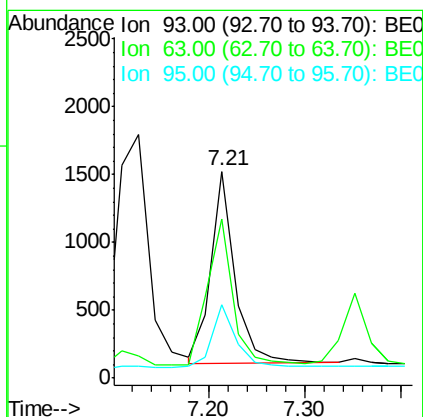
RT: 7.21 min Scan# 266

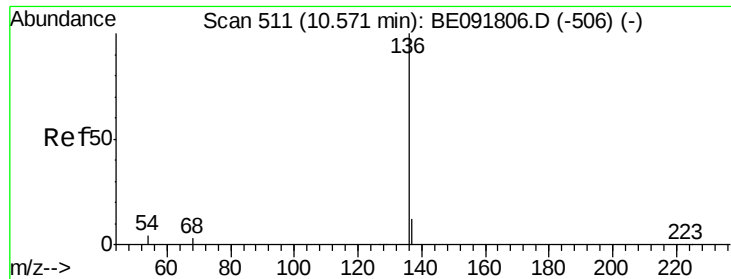
Delta R.T. -0.00 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Tgt Ion:	93	Resp:	2476
Ion Ratio	Lower	Upper	
93	100		
63	81.3	49.5	74.3#
95	32.4	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: BE091829.D

Acq: 20 May 2016 2:58

Instrument :

BNA_E

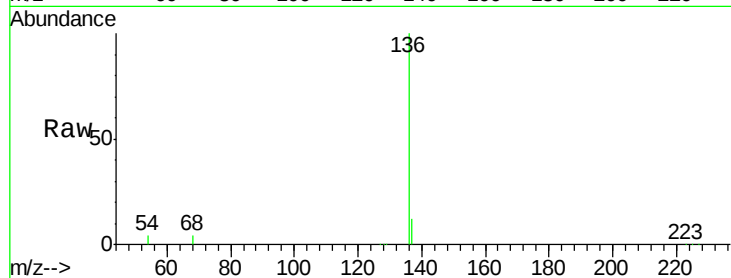
ClientSampleId :

SSTDCCC0.4EC

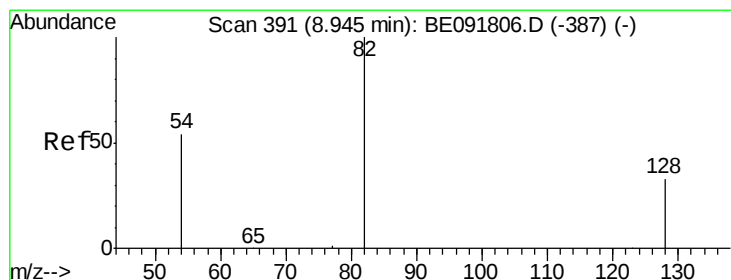
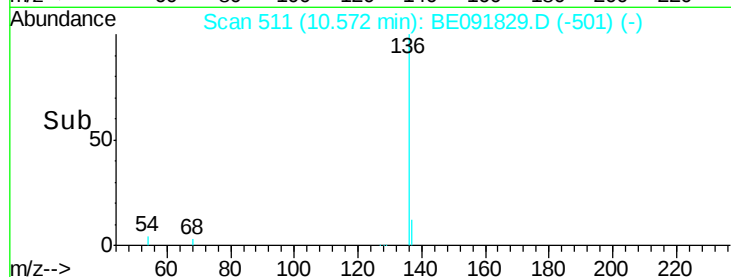
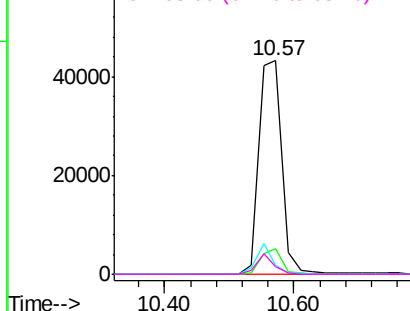
Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	12.2	8.9	13.3
54	4.1	8.2	12.4#
68	3.5	6.2	9.4#

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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: 0.42 ng

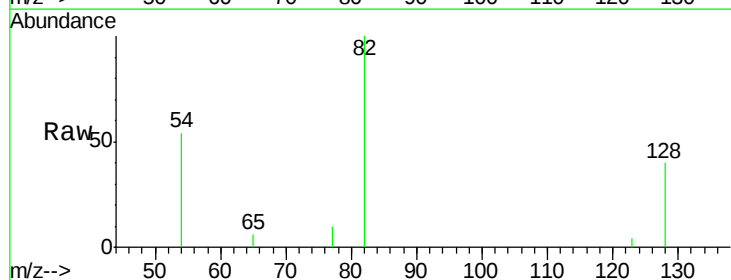
RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

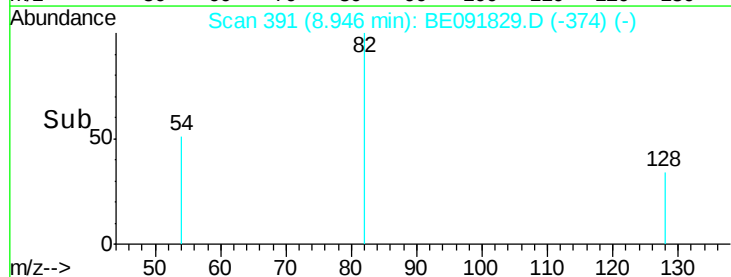
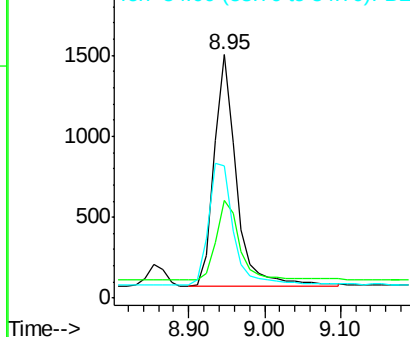
Lab File: BE091829.D

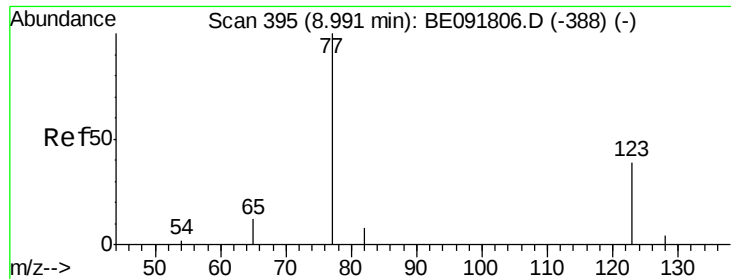
Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	40.1	25.4	38.0#
54	54.2	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: 0.41 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Instrument :

BNA_E

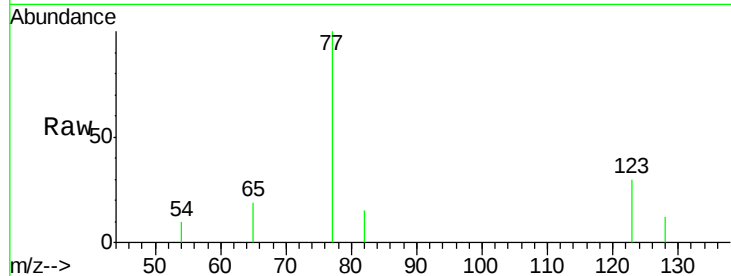
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	77	Resp:	3007
Ion Ratio	Lower	Upper	
77	100		
123	35.8	26.9	40.3
65	14.3	9.4	14.2#

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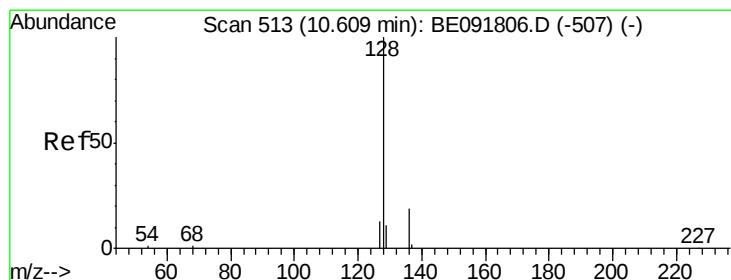
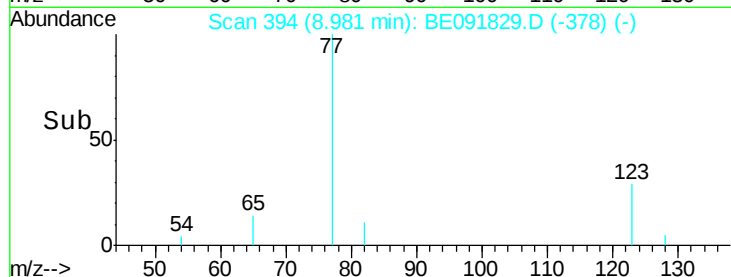
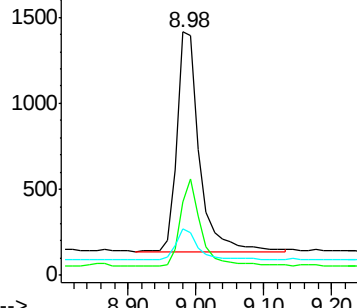
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Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 0.38 ng

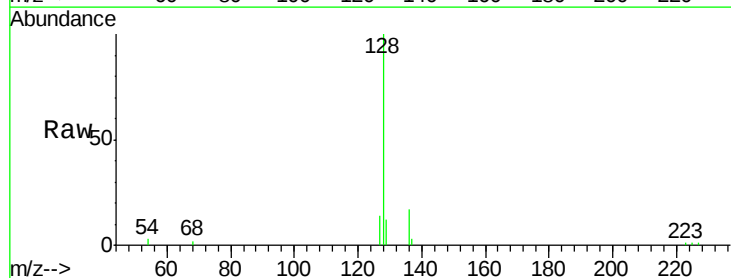
RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

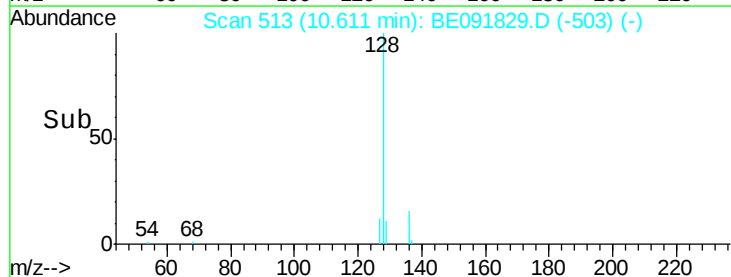
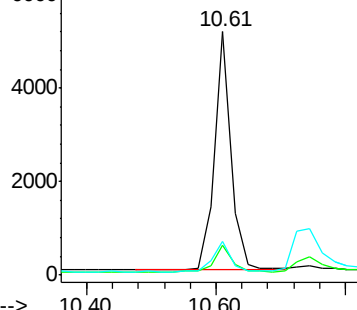
Tgt Ion:	128	Resp:	9156
Ion Ratio	Lower	Upper	
128	100		
129	12.4	9.3	13.9
127	13.6	10.7	16.1

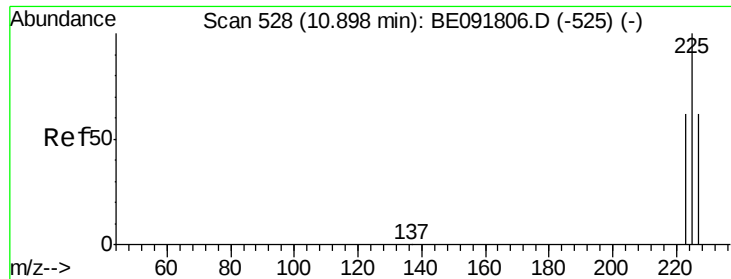


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)





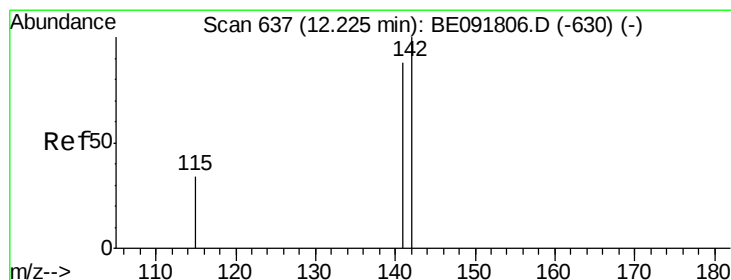
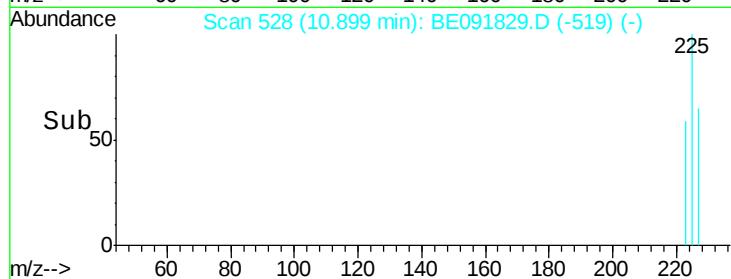
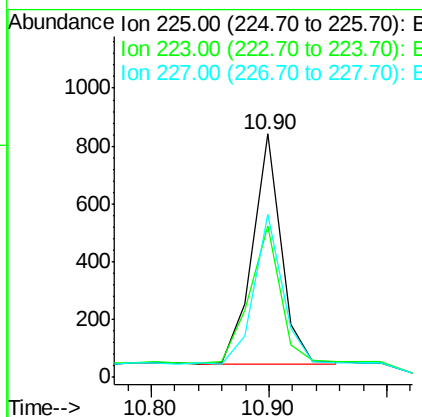
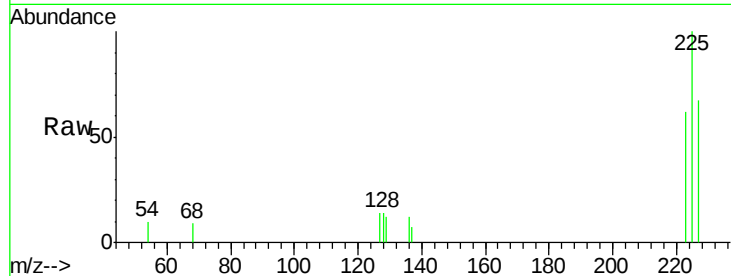
#11
Hexachlorobutadiene
Concen: 0.38 ng m
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
225	100		
223	109.6	49.0	73.6#
227	108.3	50.3	75.5#

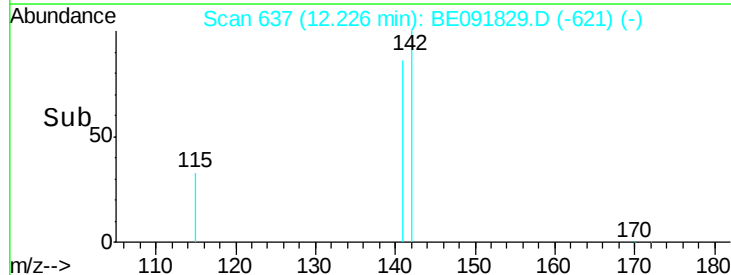
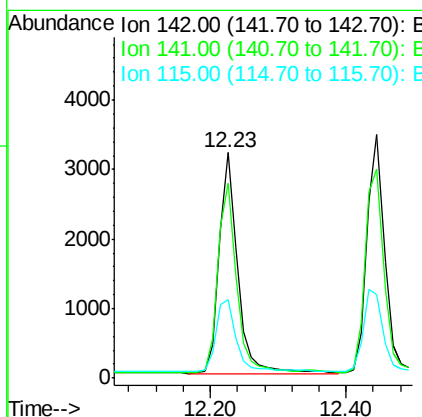
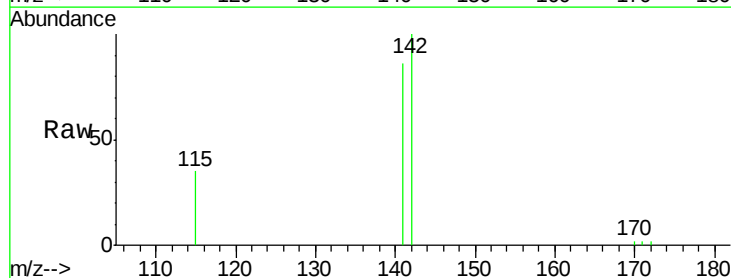
Manual Integrations
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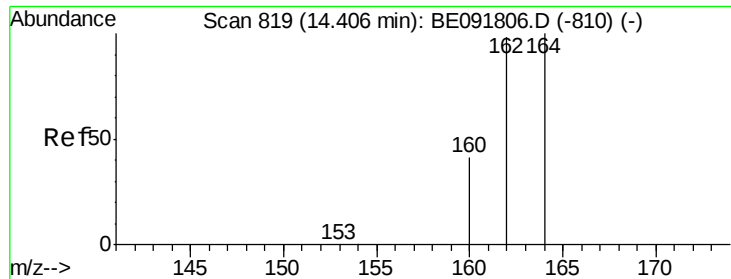
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#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.4	107.0
115	34.9	30.3	45.5





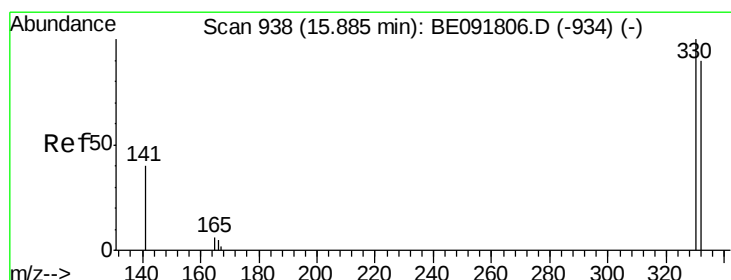
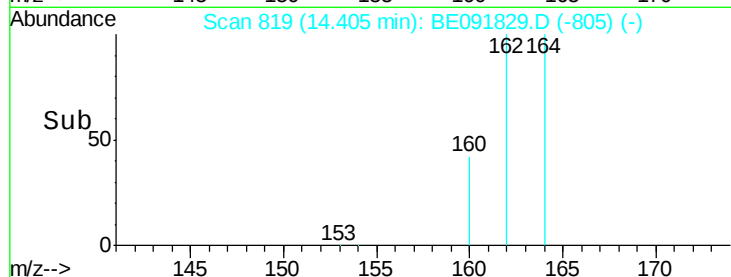
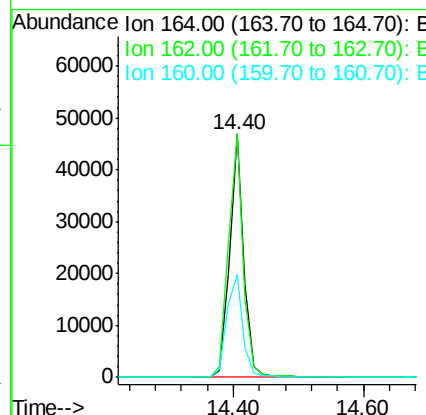
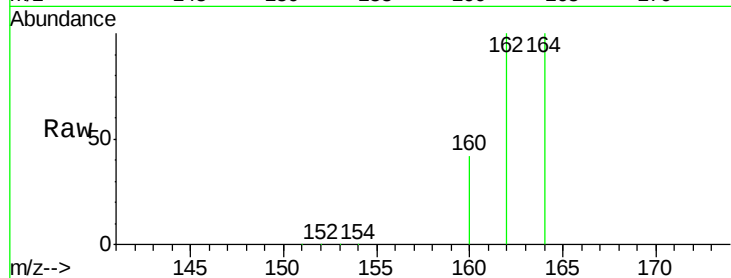
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 72269
Ion Ratio Lower Upper
164 100
162 100.1 85.3 127.9
160 42.5 46.2 69.2#

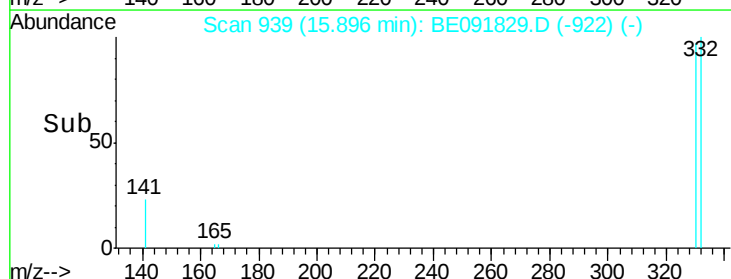
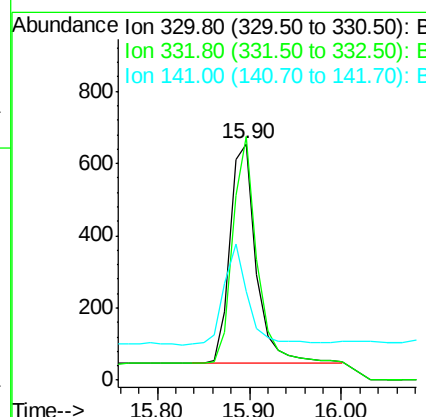
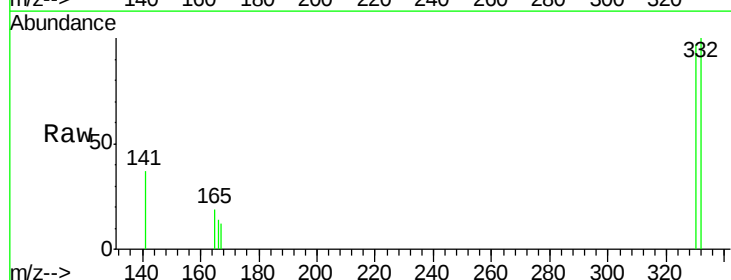
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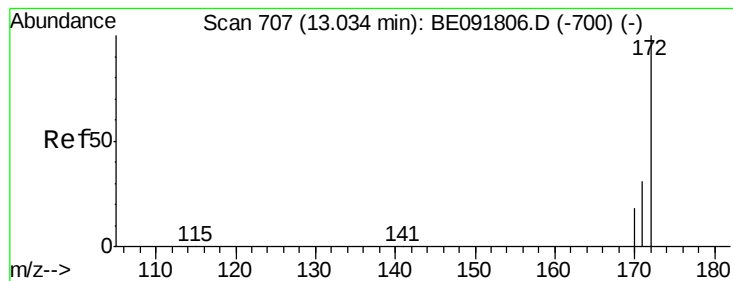
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#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Tgt Ion:330 Resp: 1222
Ion Ratio Lower Upper
330 100
332 94.8 79.1 118.7
141 42.1 125.4 188.0#





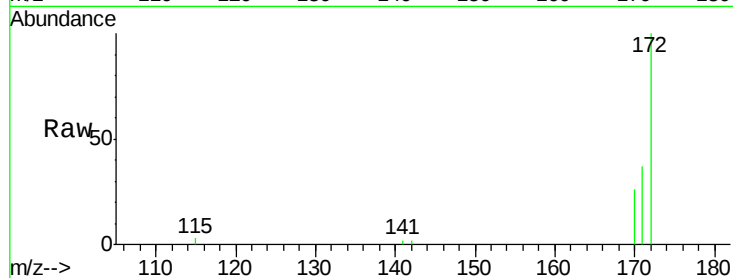
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.8	43.2
170	26.0	19.3	28.9

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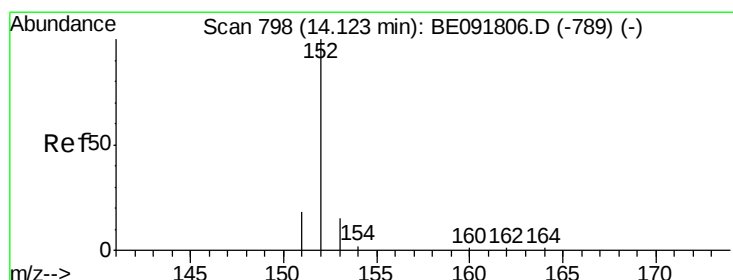
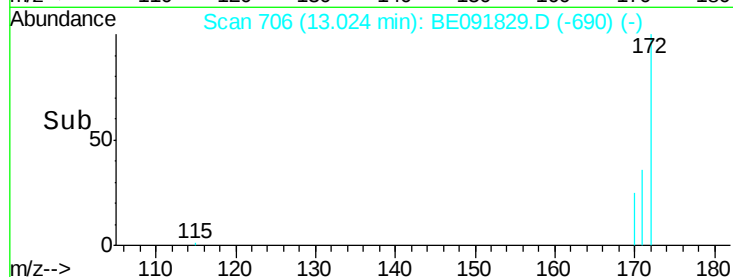
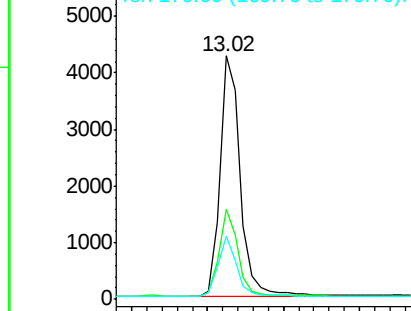


Abundance

Ion 172.00 (171.70 to 172.70): E

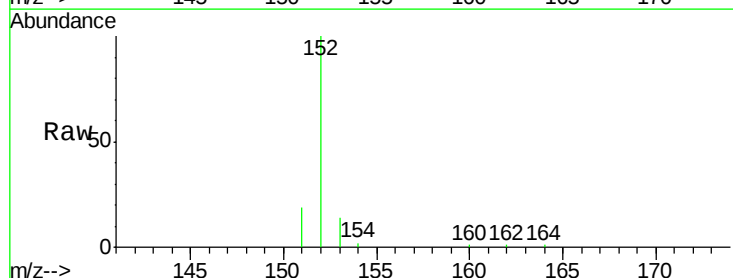
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.41 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.8	3.9	5.9#
153	13.5	10.3	15.5

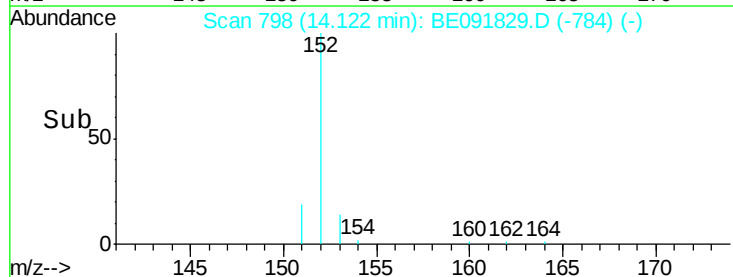
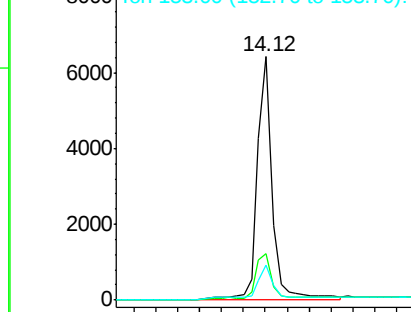


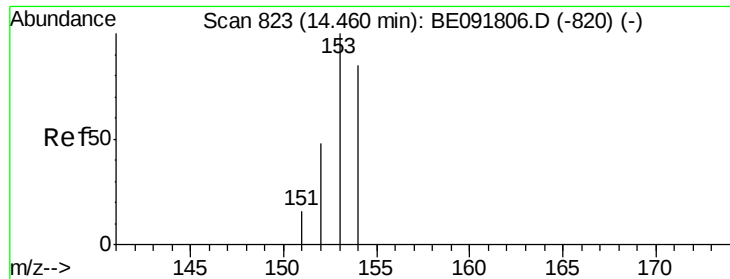
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





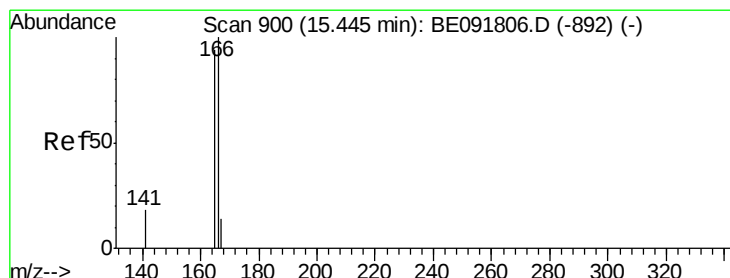
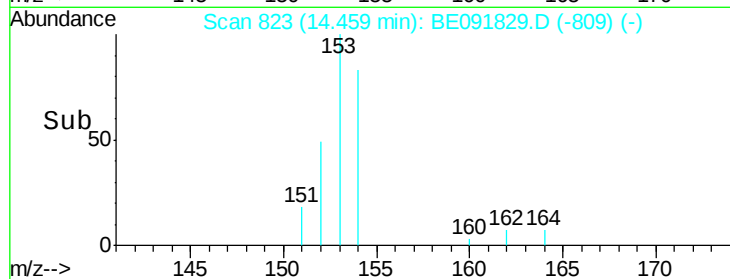
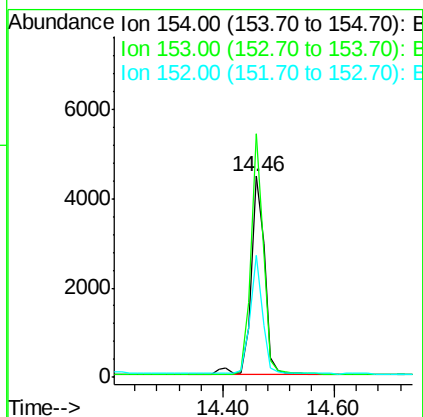
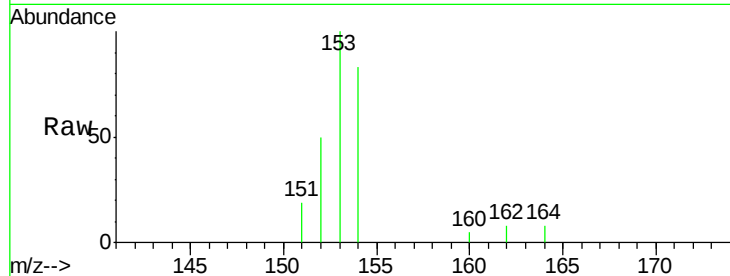
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	80.0	120.0
152	53.7	40.0	60.0

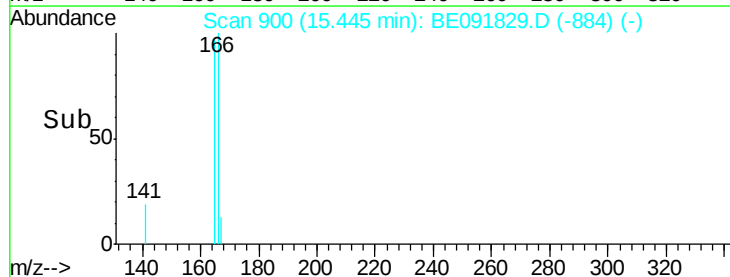
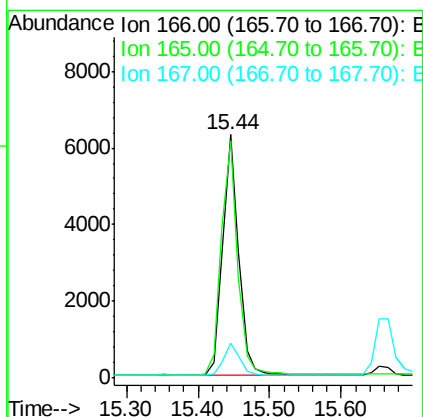
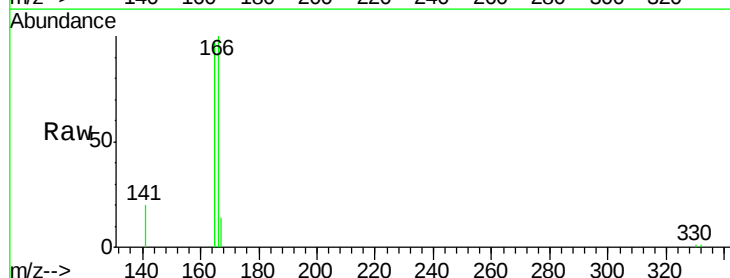
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#18
Fluorene
Concen: 0.39 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.8	121.2
167	13.7	10.9	16.3





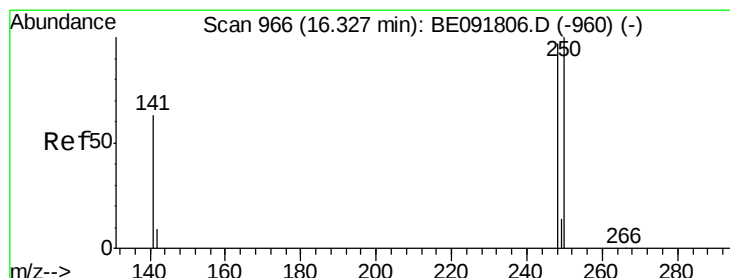
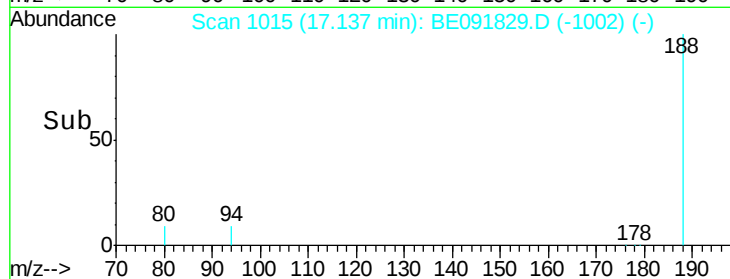
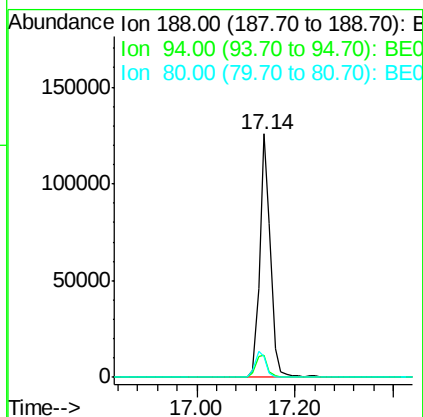
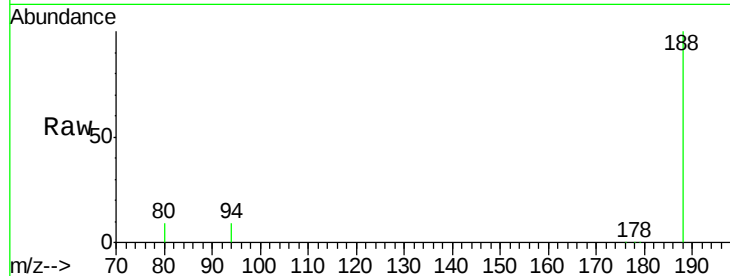
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	8.7	13.1
80	8.8	9.4	14.0

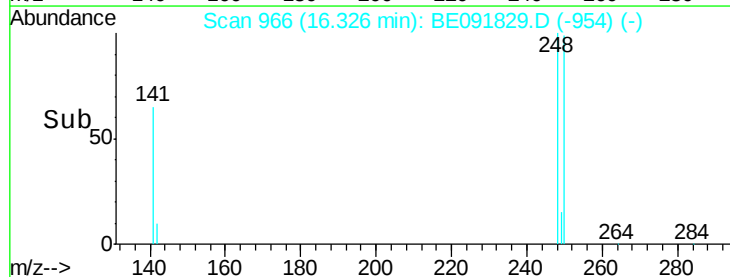
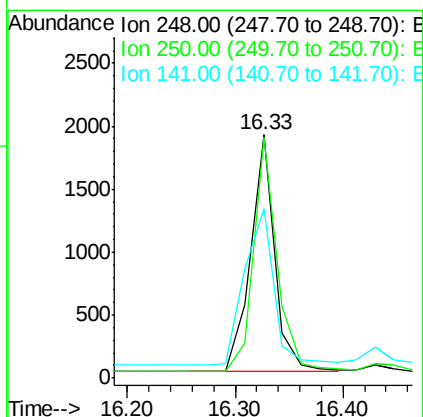
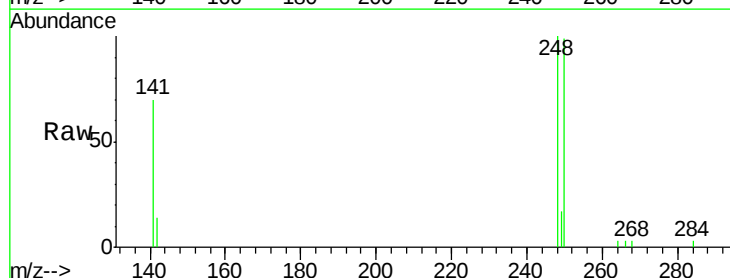
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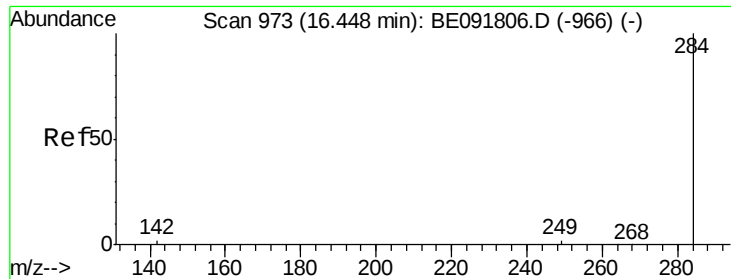
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#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.1	80.5	120.7
141	80.4	72.0	108.0





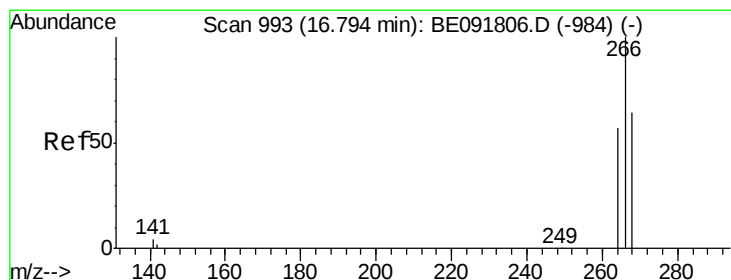
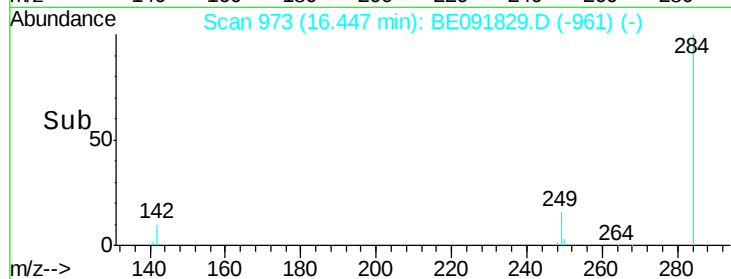
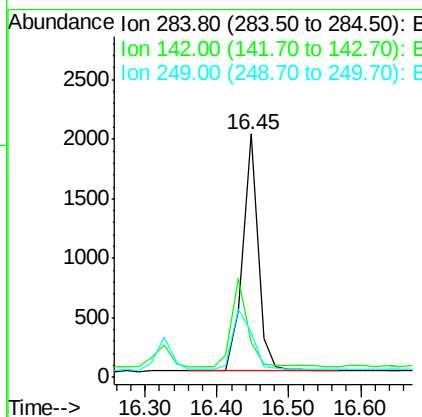
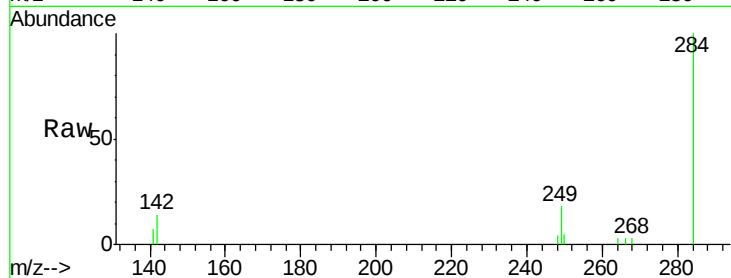
#21
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	32.2	48.2
249	31.8	25.4	38.2

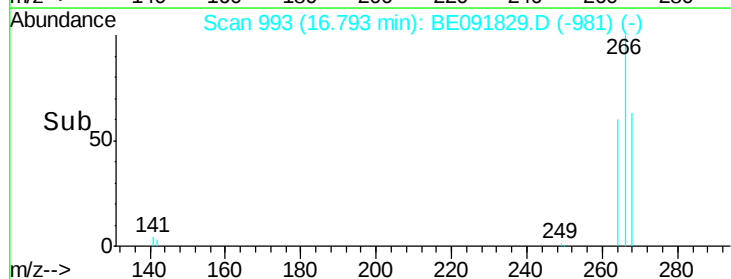
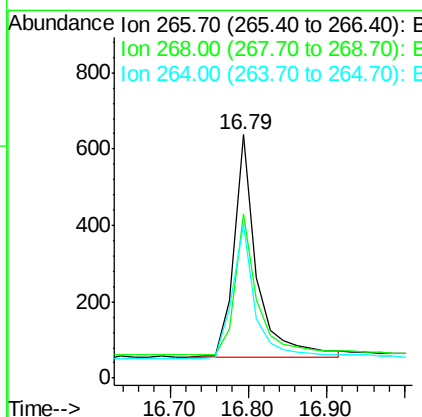
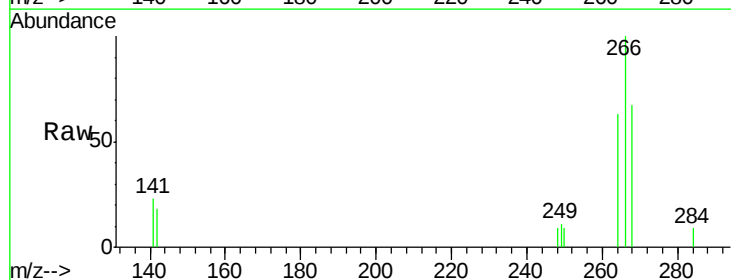
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#22
Pentachlorophenol
Concen: 0.35 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	58.2	87.2
264	63.0	56.2	84.4





#23

Phenanthrene

Concen: 0.35 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Instrument :

BNA_E

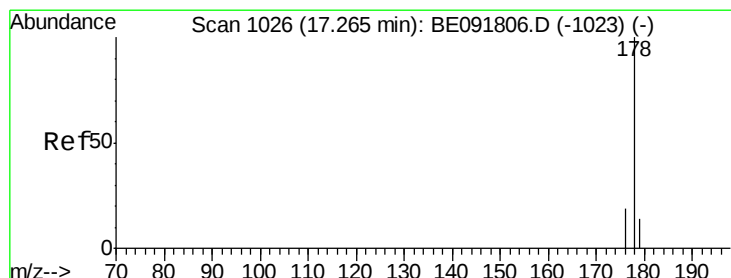
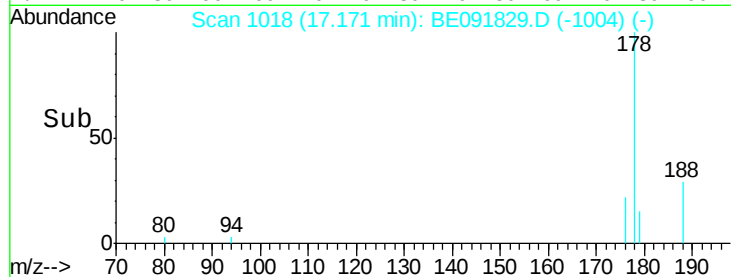
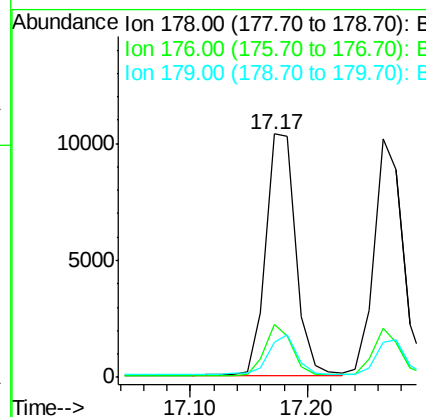
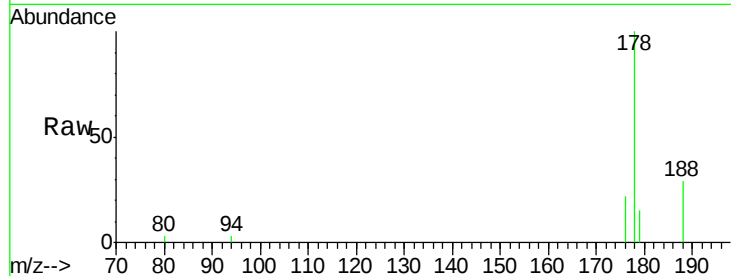
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	178	Resp:	18543
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.3	22.9
179	17.3	12.6	18.8

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#24

Anthracene

Concen: 0.38 ng

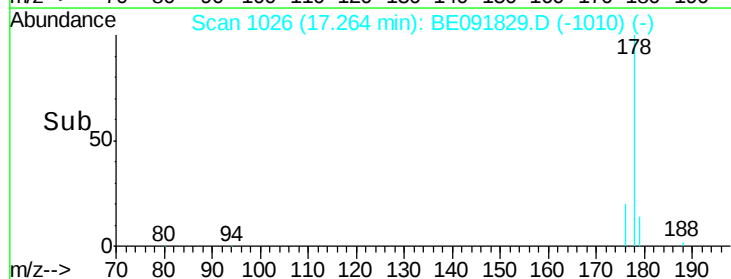
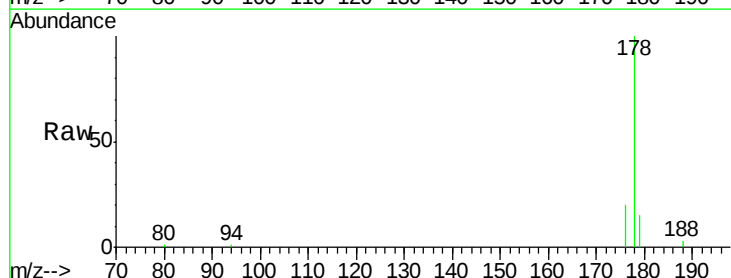
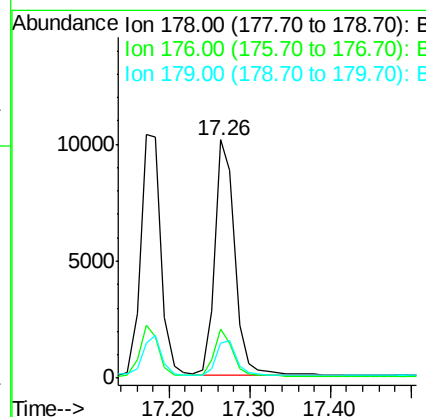
RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Tgt Ion:	178	Resp:	17449
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.6	21.8
179	15.1	11.8	17.6





#25

Fluoranthene

Concen: 0.40 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Instrument :

BNA_E

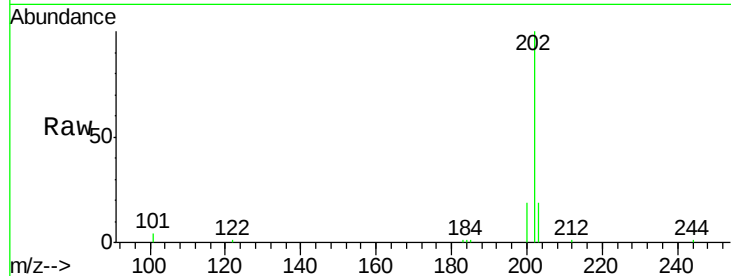
ClientSampleId :

SSTDCCC0.4EC

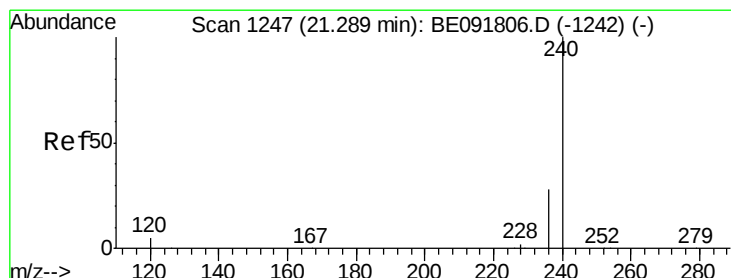
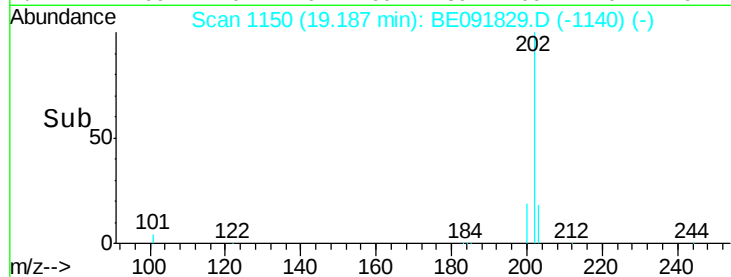
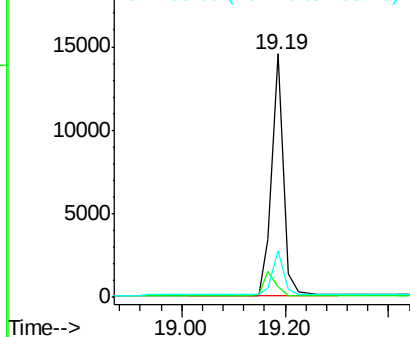
Tgt Ion:	202	Resp:	22739
Ion Ratio	Lower	Upper	
202	100		
101	11.0	11.0	16.6#
203	18.0	13.9	20.9

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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

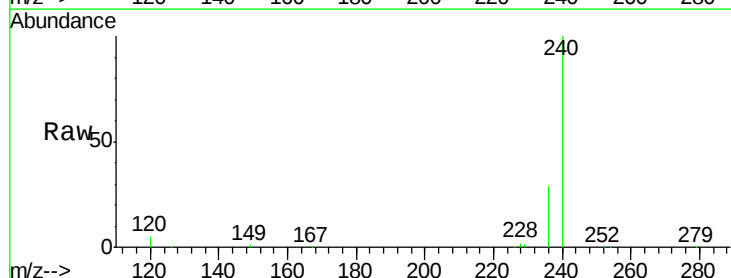
RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

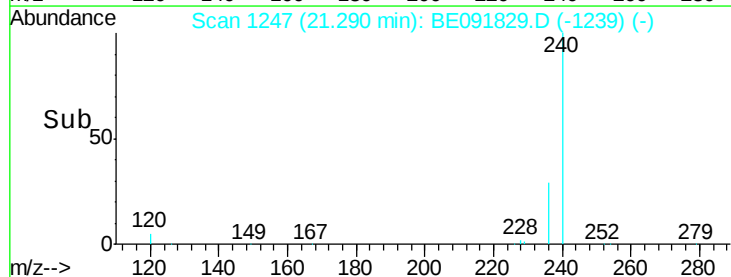
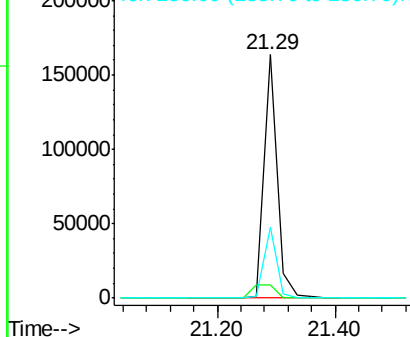
Lab File: BE091829.D

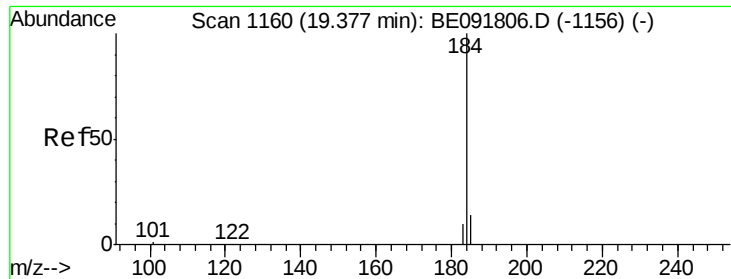
Acq: 20 May 2016 2:58

Tgt Ion:	240	Resp:	255122
Ion Ratio	Lower	Upper	
240	100		
120	5.4	11.0	16.4#
236	29.3	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: 0.28 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Instrument :

BNA_E

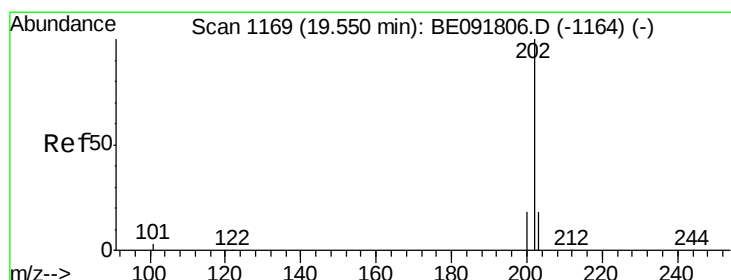
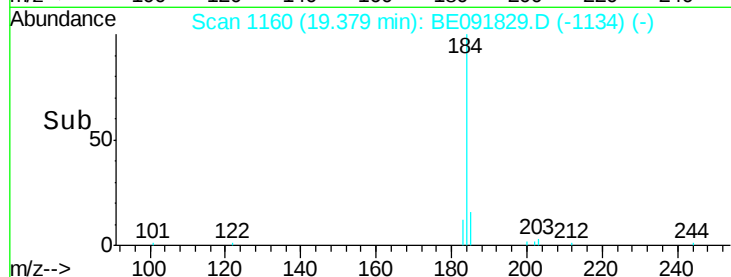
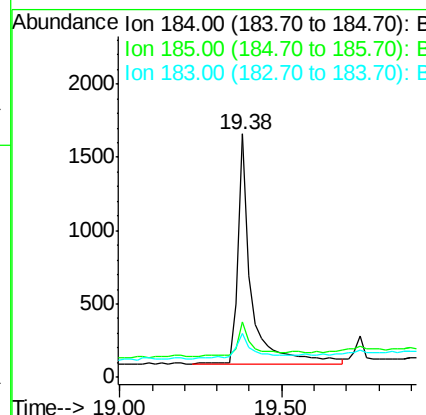
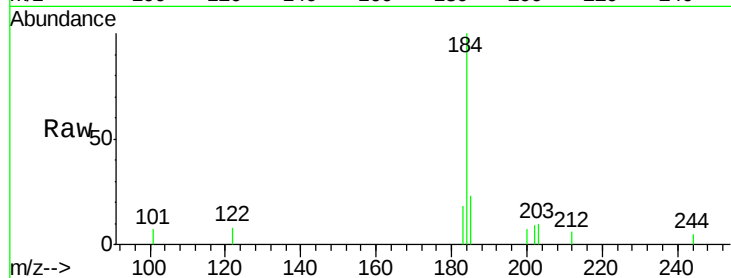
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	184	Resp:	4307
Ion Ratio	Lower	Upper	
184	100		
185	22.6	22.3	33.5
183	18.0	16.4	24.6

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#28

Pyrene

Concen: 0.42 ng

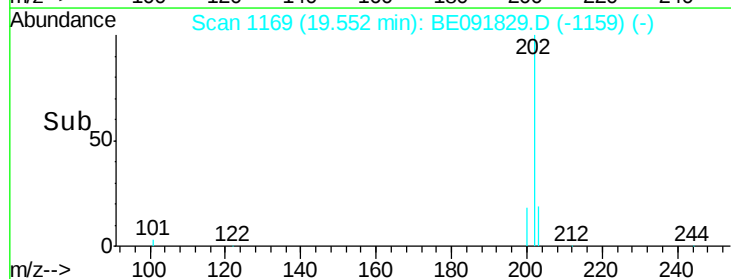
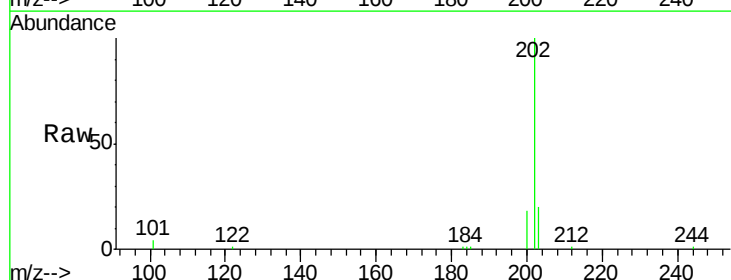
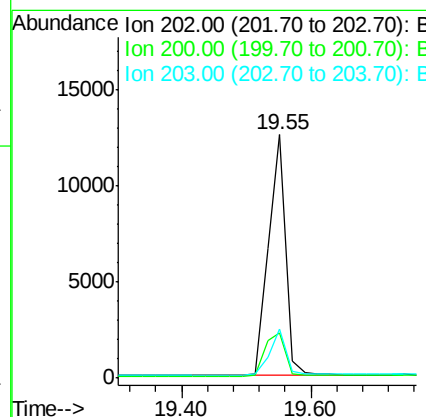
RT: 19.55 min Scan# 1169

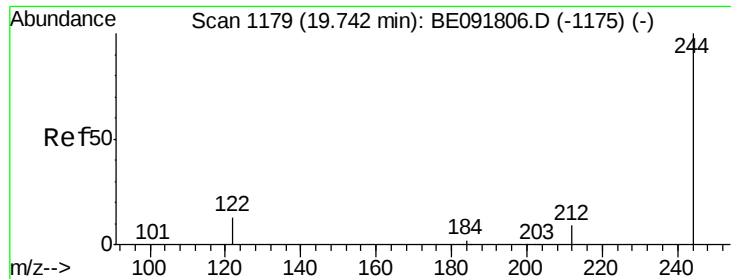
Delta R.T. -0.00 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Tgt Ion:	202	Resp:	23386
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	18.1	14.0	21.0





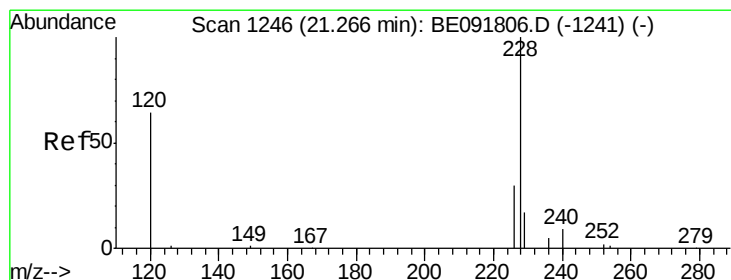
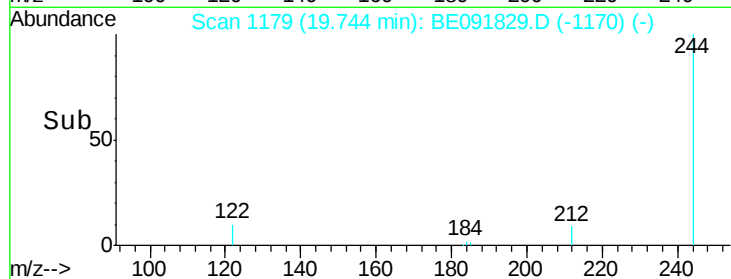
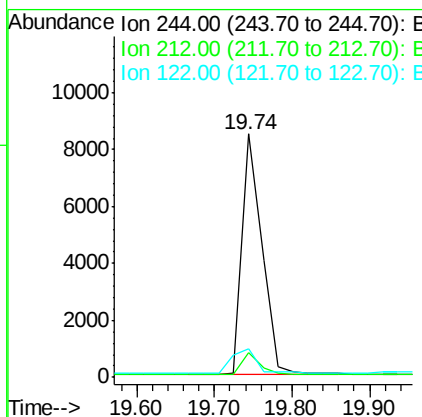
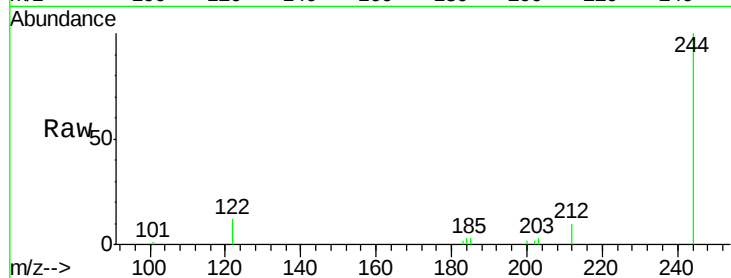
#29
 Terphenyl-d14
 Concen: 0.42 ng
 RT: 19.74 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091829.D
 Acq: 20 May 2016 2:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.9	10.3
122	11.8	11.0	16.4

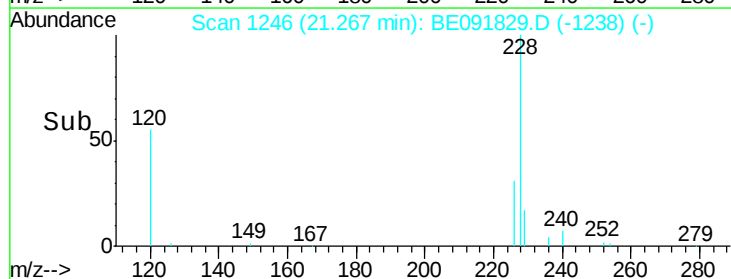
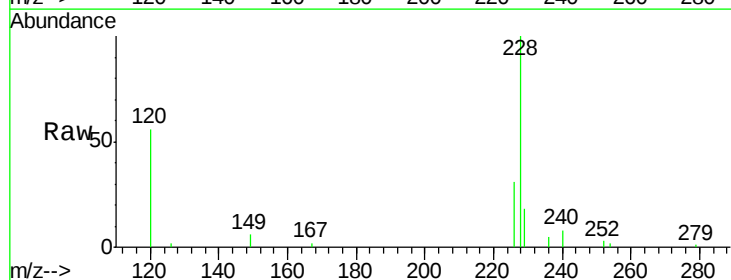
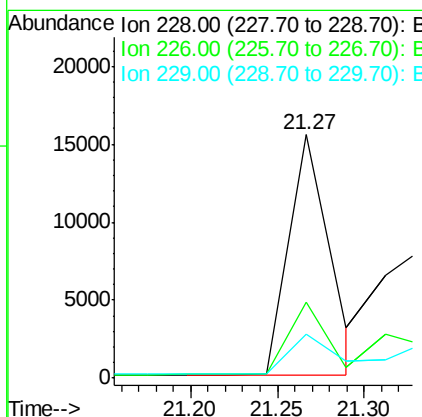
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#30
 Benzo(a)anthracene
 Concen: 0.42 ng m
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BE091829.D
 Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.0	31.4
229	18.0	15.7	23.5





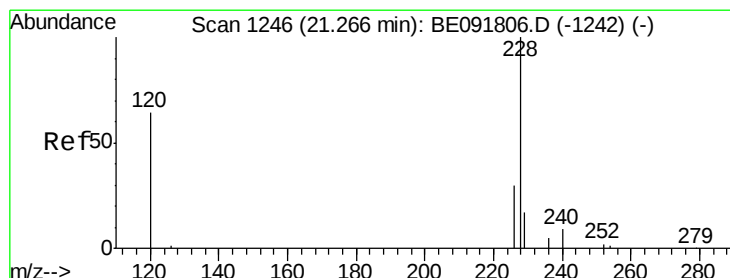
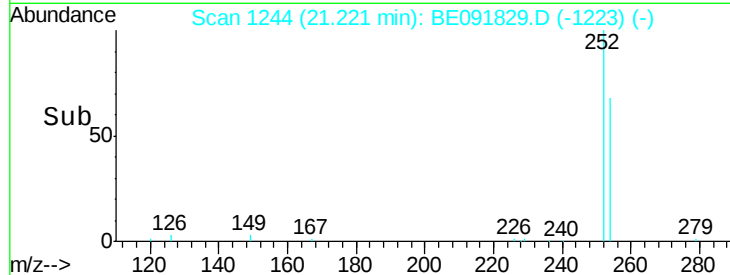
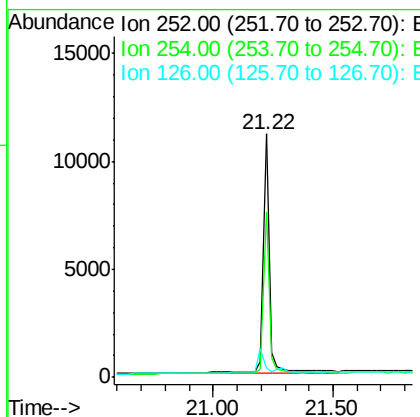
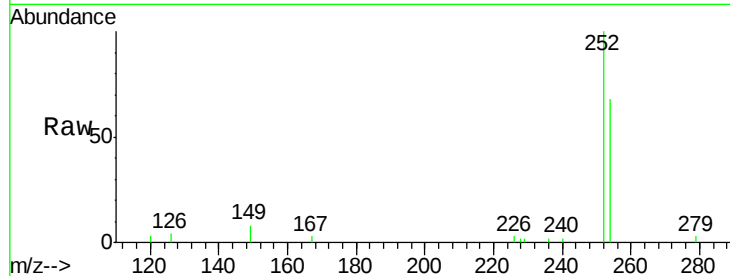
#31
 3,3'-Dichlorobenzidine
 Concen: 0.51 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091829.D
 Acq: 20 May 2016 2:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	67.8	51.1	76.7
126	4.1	12.6	18.8

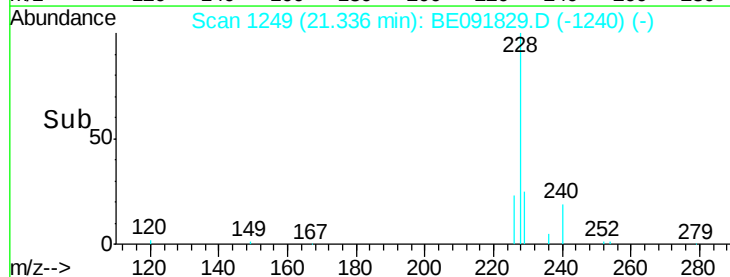
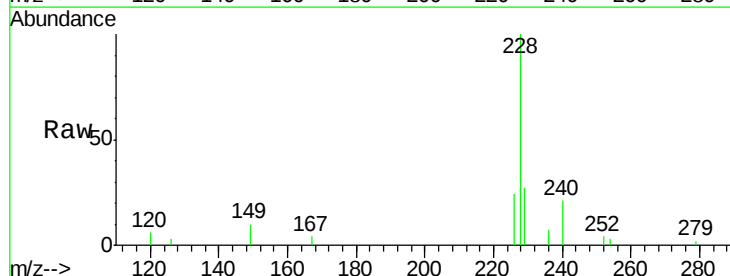
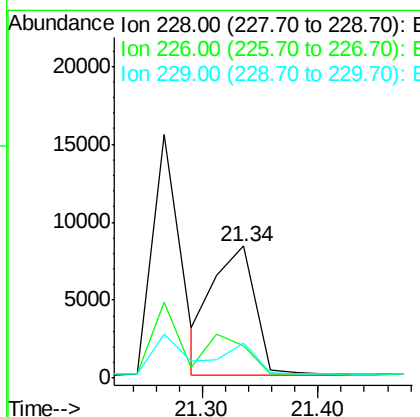
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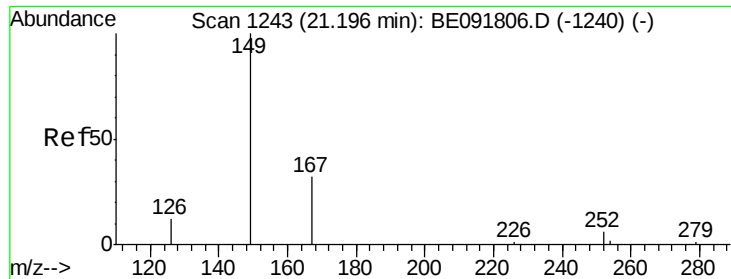
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#32
 Chrysene
 Concen: 0.44 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091829.D
 Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	24.4	24.0	36.0
229	26.8	15.9	23.9





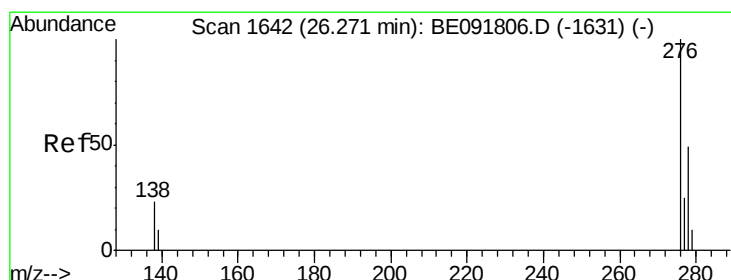
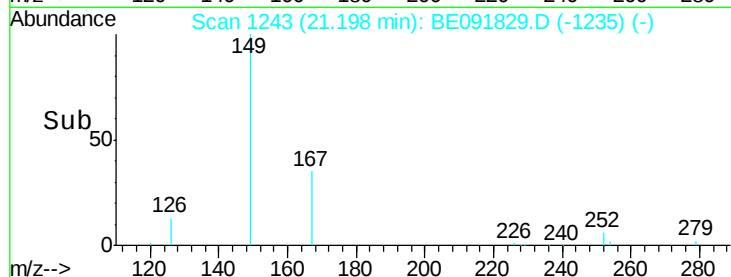
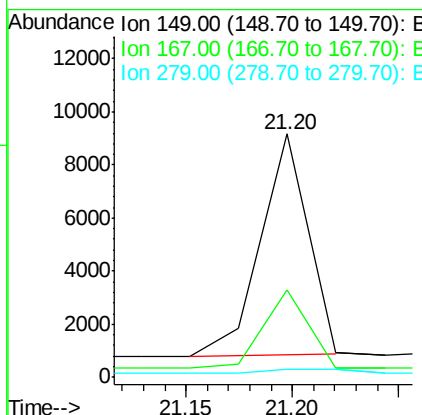
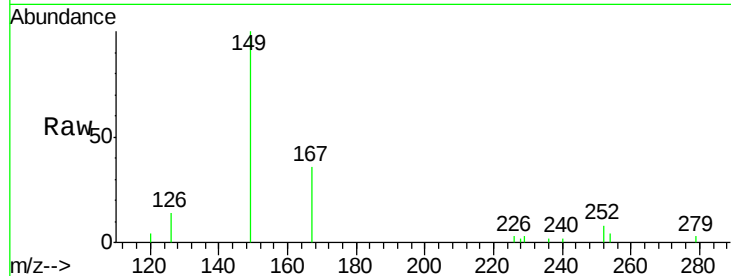
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.60 ng m
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091829.D
 Acq: 20 May 2016 2:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	35.3	19.5	29.3#
279	3.5	10.0	15.0#

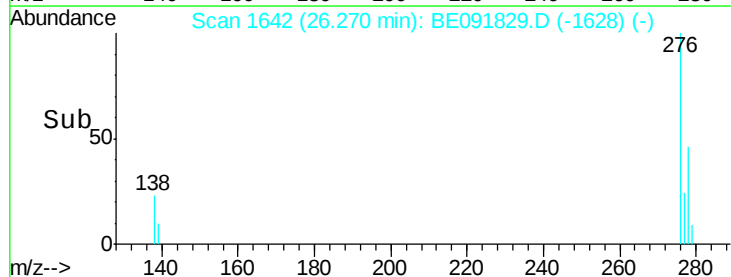
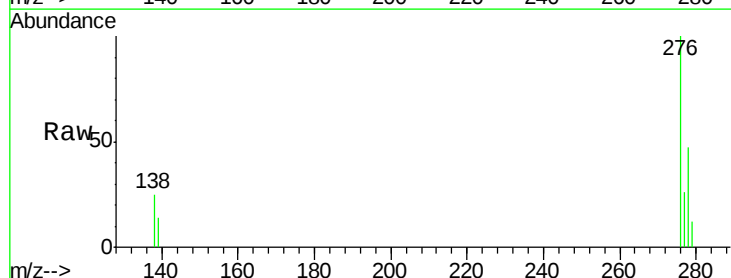
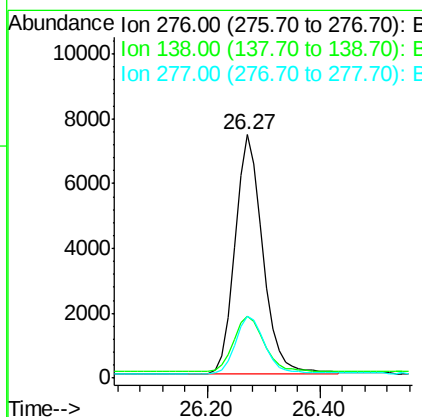
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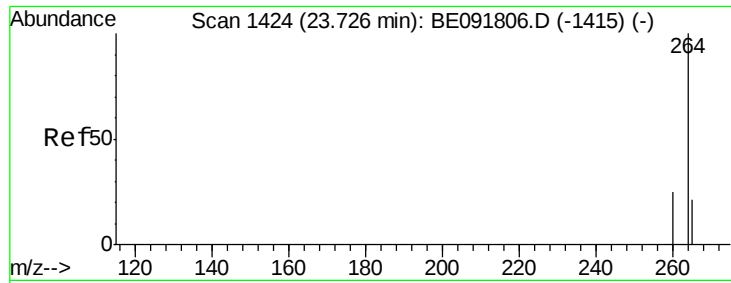
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#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BE091829.D
 Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	23.4	35.2
277	25.2	19.8	29.8





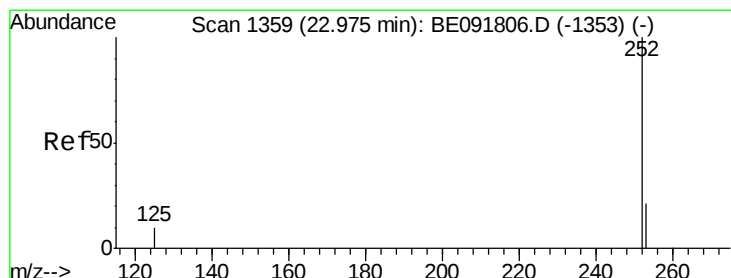
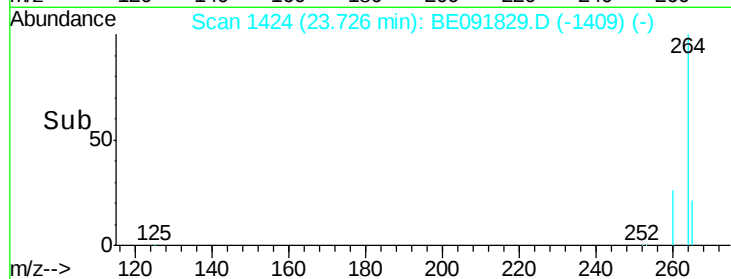
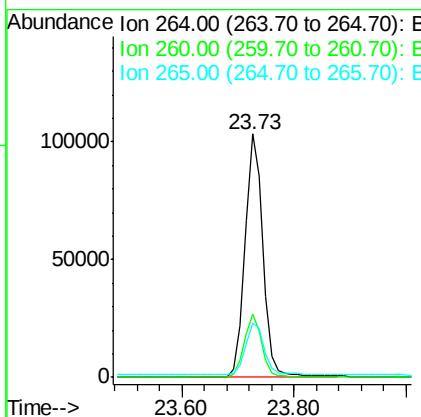
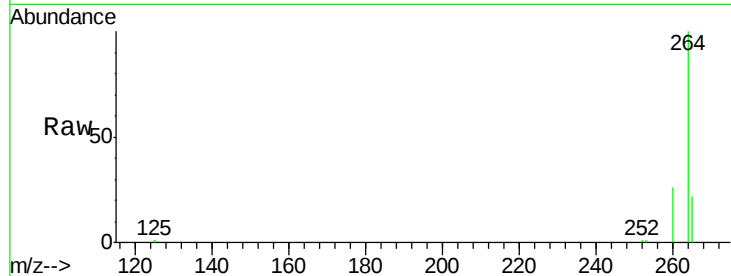
#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091829.D
 Acq: 20 May 2016 2:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.7	20.0	30.0
265	22.4	17.5	26.3

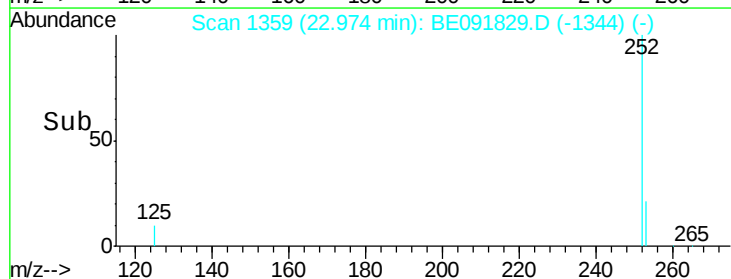
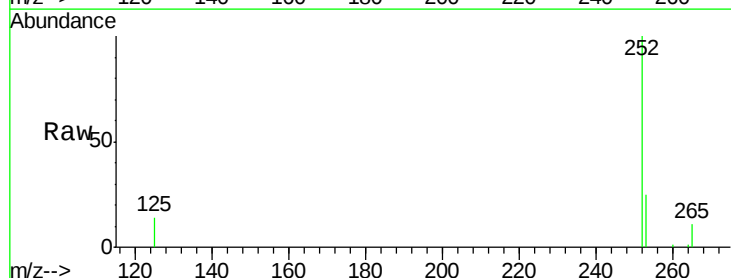
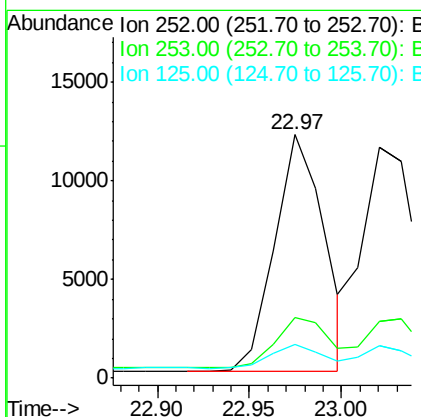
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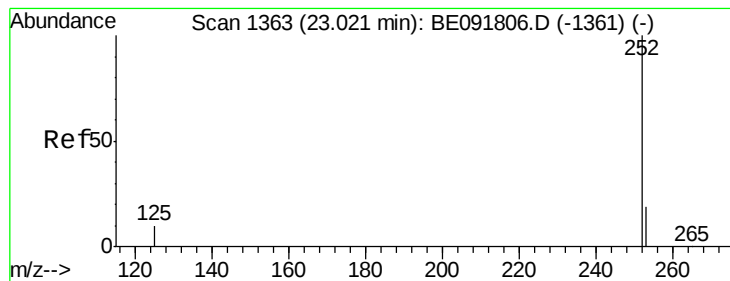
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#36
 Benzo(b)fluoranthene
 Concen: 0.39 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091829.D
 Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.1	17.4	26.0
125	14.0	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Instrument :

BNA_E

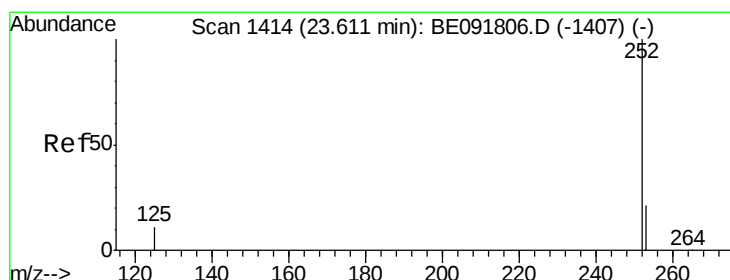
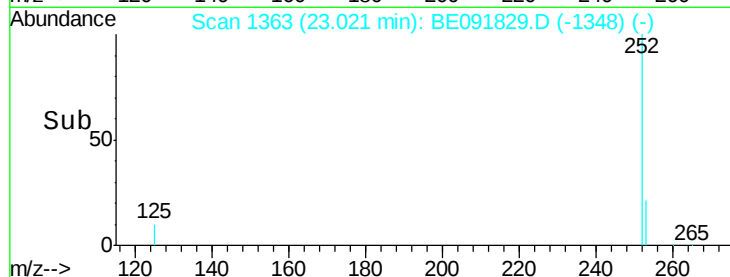
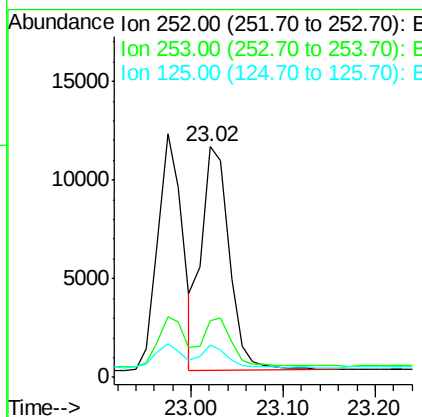
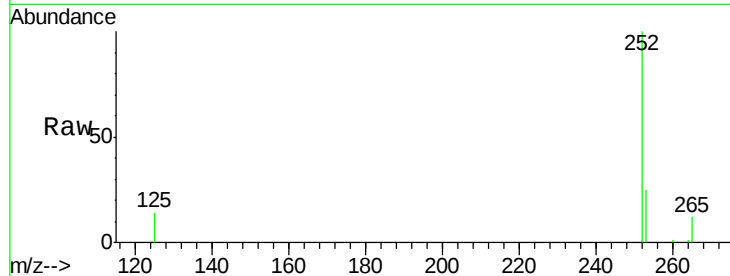
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	252	Resp:	23708
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.6	26.4
125	14.0	9.9	14.9

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#38

Benzo(a)pyrene

Concen: 0.40 ng

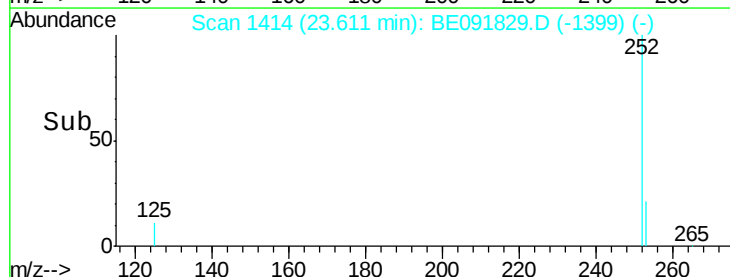
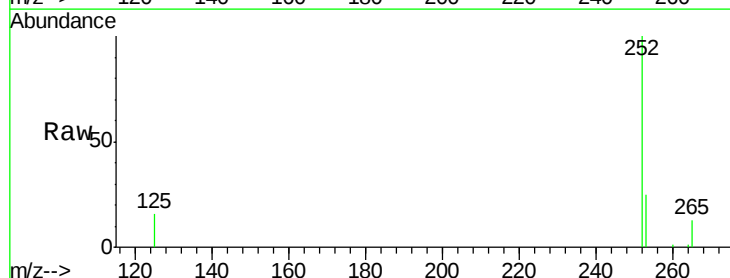
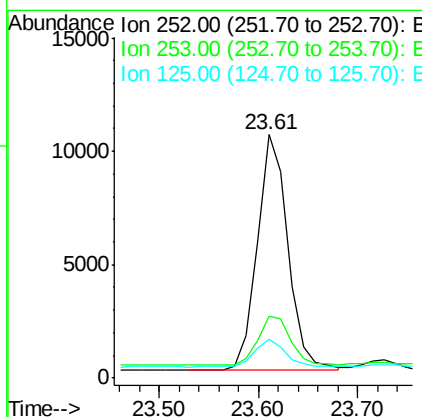
RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091829.D

Acq: 20 May 2016 2:58

Tgt Ion:	252	Resp:	22288
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.1	27.1
125	15.8	11.0	16.4





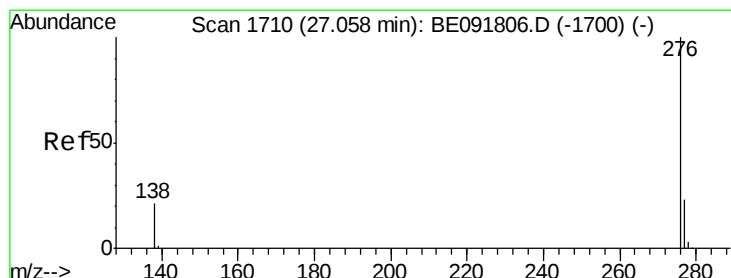
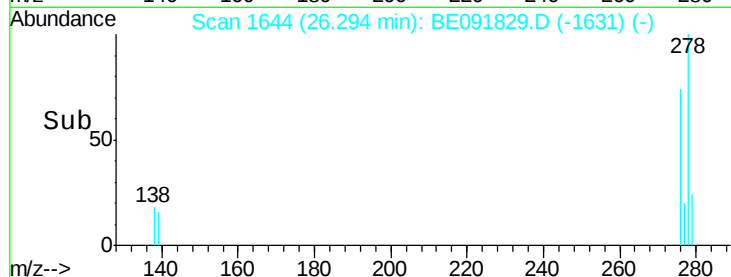
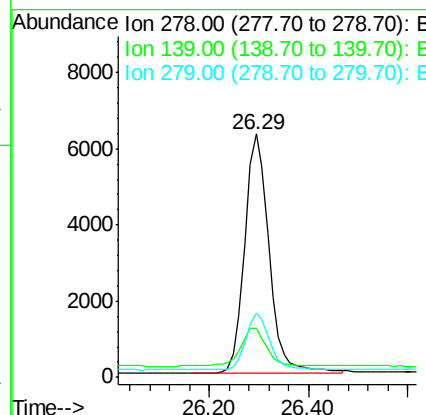
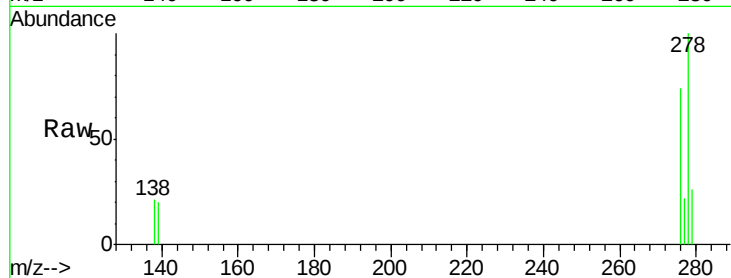
#39
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 26.29 min Scan# 1644
Delta R.T. -0.05 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.0	24.0
279	26.4	19.4	29.2

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#40
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 27.06 min Scan# 1710
Delta R.T. -0.05 min
Lab File: BE091829.D
Acq: 20 May 2016 2:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	24.2	20.4	30.6

