

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
 Data File : BE092098.D
 Acq On : 1 Aug 2016 19:02
 Operator : UM/SJ
 Sample : PB92309BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BS

Manual Integrations
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Quant Time: Aug 02 01:13:40 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:22:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	12372	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	52280	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	24783	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	86188	5.00	ng	0.00
31) Chrysene-d12	21.74	240	104091	5.00	ng	0.00
40) Perylene-d12	24.15	264	96767	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.70	112	22336	6.58	ng	0.00
5) Phenol-d6	7.33	99	29501	6.25	ng	0.00
9) Nitrobenzene-d5	9.35	82	15544	3.81	ng	0.00
16) 2,4,6-Tribromophenol	16.32	330	10003	6.11	ng	-0.02
17) 2-Fluorobiphenyl	13.46	172	34383	3.58	ng	0.00
34) Terphenyl-d14	20.21	244	31958	3.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	4877	3.17	ng	# 79
3) n-Nitrosodimethylamine	3.78	42	7901	3.48	ng	# 92
6) bis(2-Chloroethyl)ether	7.59	93	13156	3.44	ng	97
7) n-Nitroso-di-n-propylamine	8.98	70	11183	3.08	ng	98
10) Nitrobenzene	9.38	77	15644	3.60	ng	98
11) bis(2-Chloroethoxy)methane	10.40	93	16557	3.54	ng	96
12) Naphthalene	11.02	128	41807	3.47	ng	# 96
13) Hexachlorobutadiene	11.32	225	6867	3.50	ng	# 96
14) 2-Methylnaphthalene	12.65	142	28373	3.52	ng	97
18) Acenaphthylene	14.59	152	159358	2.90	ng	# 92
19) 2,6-Dinitrotoluene	14.46	165	20363	3.16	ng	# 100
20) Acenaphthene	14.92	154	26851	3.54	ng	# 62
21) 2,4-Dinitrotoluene	15.25	165	32731	3.09	ng	# 1
22) Fluorene	15.89	166	35628	3.13	ng	100
23) 4-Chlorophenyl-phenylether	15.89	204	16506	2.84	ng	90
25) 4-Bromophenyl-phenylether	16.76	248	10210	3.53	ng	97
26) Hexachlorobenzene	16.88	284	10304	3.58	ng	99
27) Pentachlorophenol	17.23	266	4992	6.37	ng	# 83
28) Phenanthrene	17.62	178	76277	3.73	ng	98
29) Anthracene	17.70	178	59412	3.46	ng	100
30) Fluoranthene	19.61	202	223673	3.77	ng	# 67
32) Benzidine	19.81	184	4875	0.71	ng	# 77
33) Pyrene	19.98	202	392621	3.32	ng	97
35) Benzo(a)anthracene	21.72	228	97052m	3.92	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	19680	2.10	ng	# 79
37) Chrysene	21.76	228	76272m	3.08	ng	
38) Bis(2-ethylhexyl)phthalate	21.65	149	63837	3.13	ng	# 22
39) Indeno(1,2,3-cd)pyrene	26.65	276	443266	4.02	ng	99
41) Benzo(b)fluoranthene	23.41	252	98558	3.98	ng	# 96
42) Benzo(k)fluoranthene	23.45	252	95000	3.46	ng	96
43) Benzo(a)pyrene	24.03	252	94201	3.78	ng	95
44) Dibenzo(a,h)anthracene	26.67	278	91716	3.96	ng	# 93
45) Benzo(a,h,i)perylene	27.42	276	376798	3.87	ng	95

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Manual Integrations
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Quant Time: Aug 02 01:13:40 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:22:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

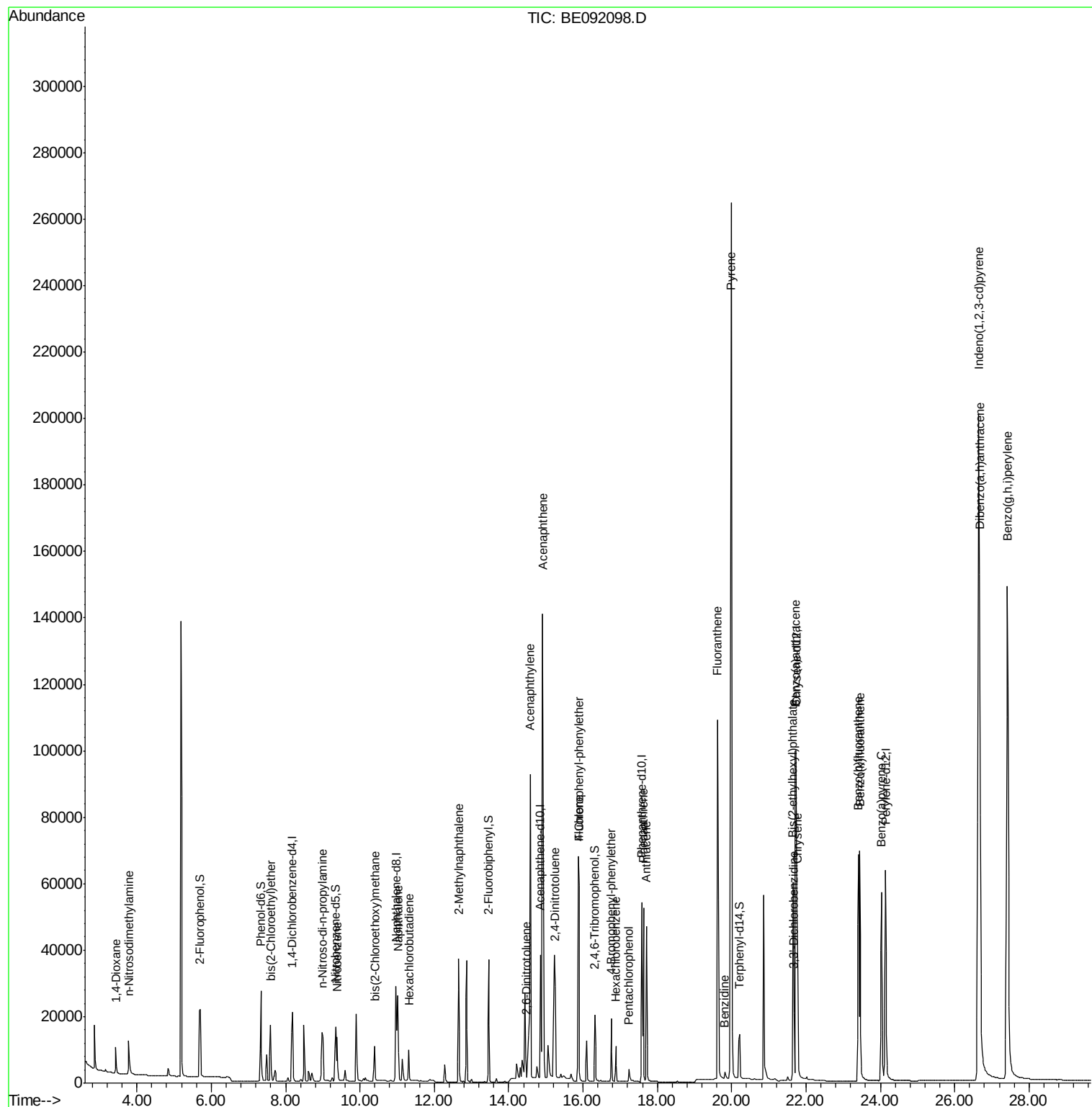
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
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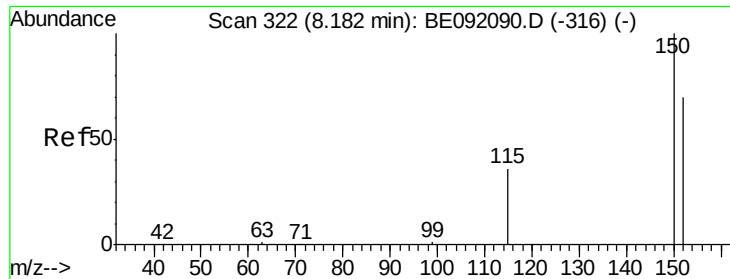
Instrument :
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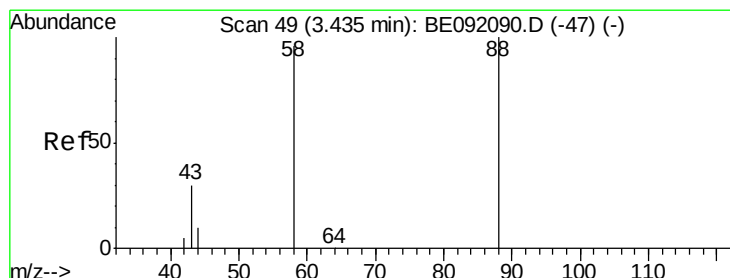
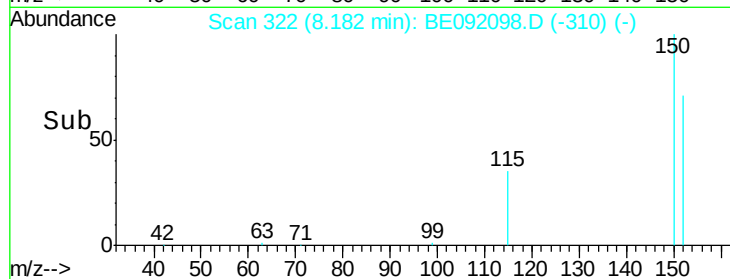
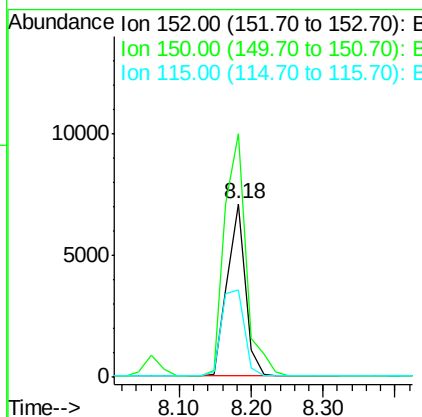
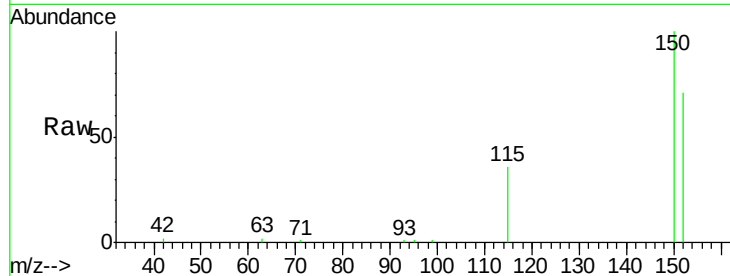
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.18 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: BE092098.D
 Acq: 1 Aug 2016 19:02

Instrument :
 BNA_E
 ClientSampleID :
 PB92309BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.5	106.0	159.0
115	50.3	36.9	55.3

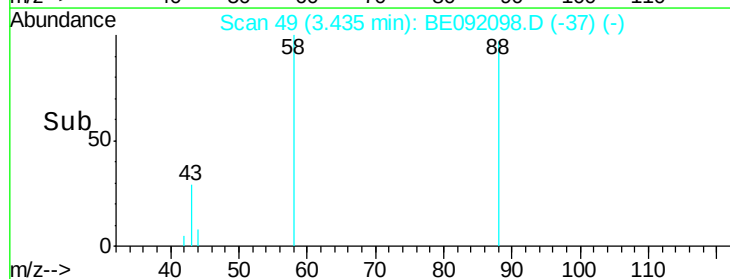
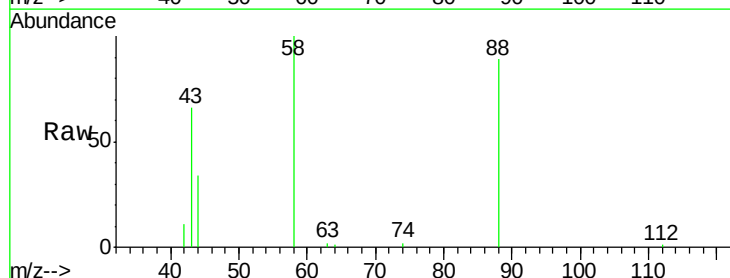
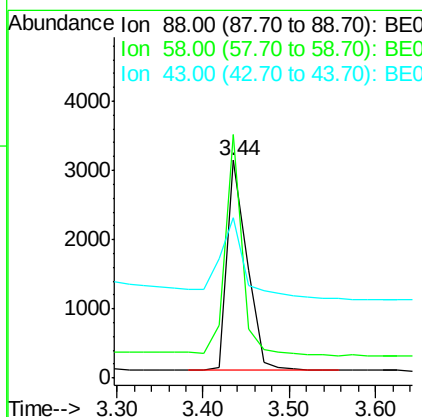
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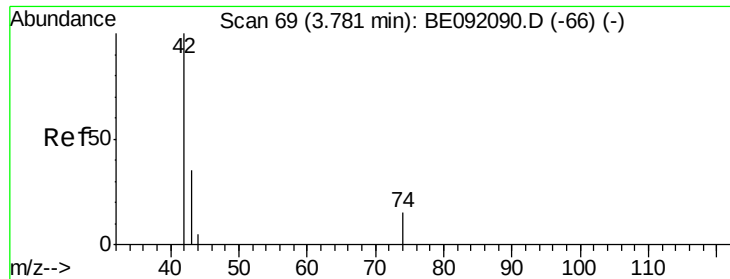
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#2
 1,4-Dioxane
 Concen: 3.17 ng
 RT: 3.44 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: BE092098.D
 Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.5	62.1	93.1
43	53.2	27.2	40.8





#3

n-Nitrosodimethylamine

Concen: 3.48 ng

RT: 3.78 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Instrument :

BNA_E

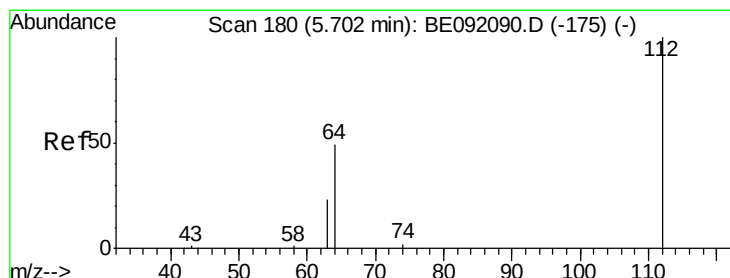
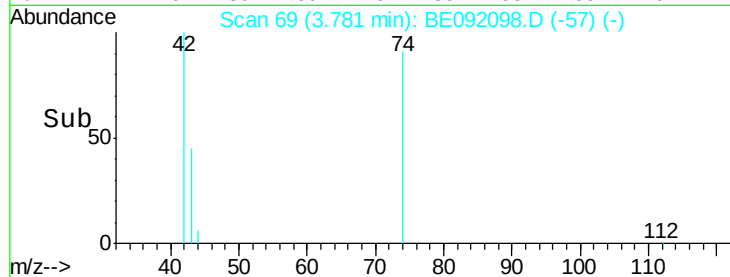
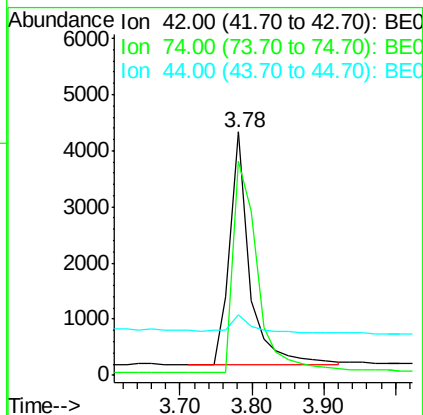
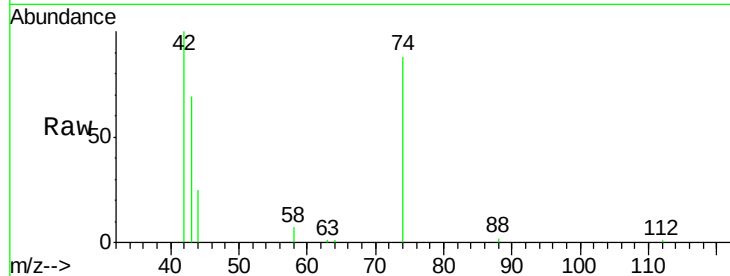
ClientSampleId :

PB92309BS

Tot Ion:	42	Resp:	7901
Ion	Ratio	Lower	Upper
42	100		
74	111.1	82.8	124.2
44	8.2	9.0	13.4

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#4

2-Fluorophenol

Concen: 6.58 ng

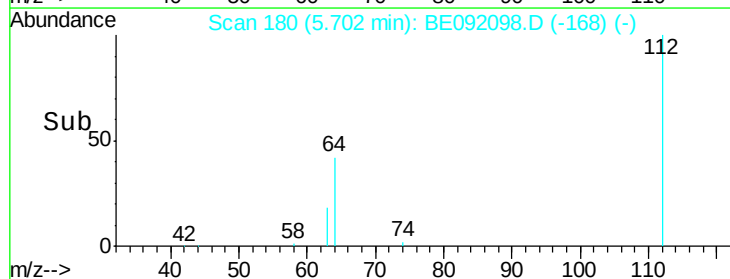
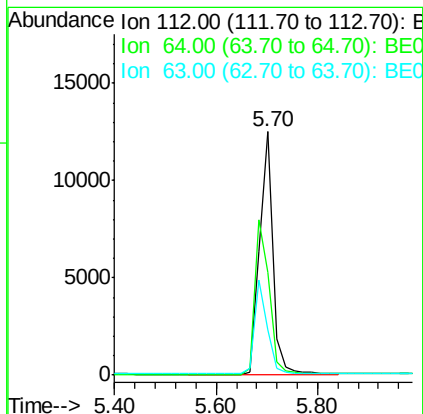
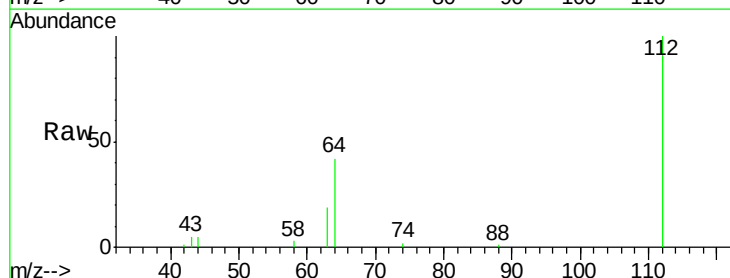
RT: 5.70 min Scan# 180

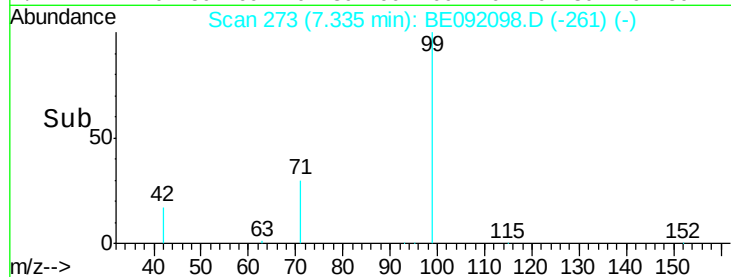
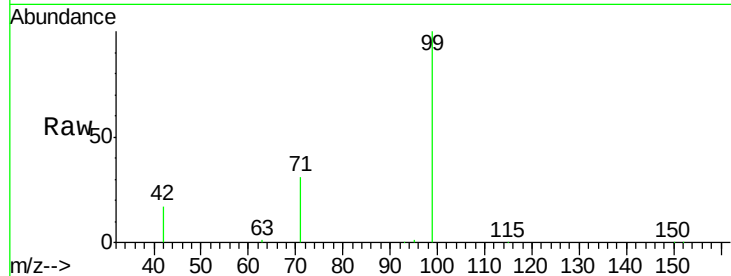
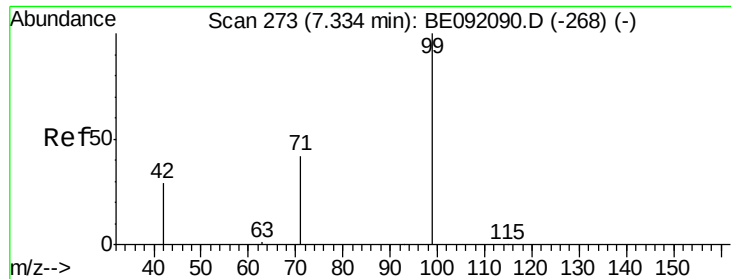
Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tgt Ion:	112	Resp:	22336
Ion	Ratio	Lower	Upper
112	100		
64	67.6	55.9	83.9
63	36.9	31.1	46.7





#5

Phenol-d6

Concen: 6.25 ng

RT: 7.33 min Scan# 273

Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tot Ion:	99	Resp:	29501
Ion	Ratio	Lower	Upper
99	100		
42	25.0	22.4	33.6
71	34.7	28.9	43.3

Instrument :

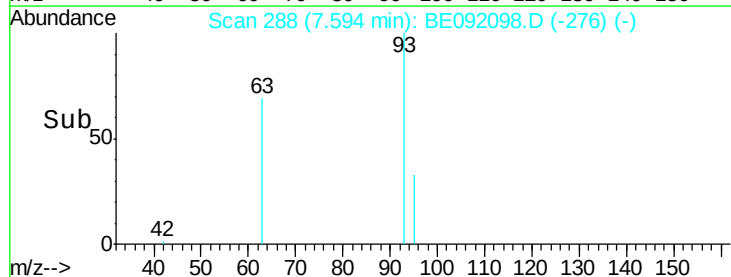
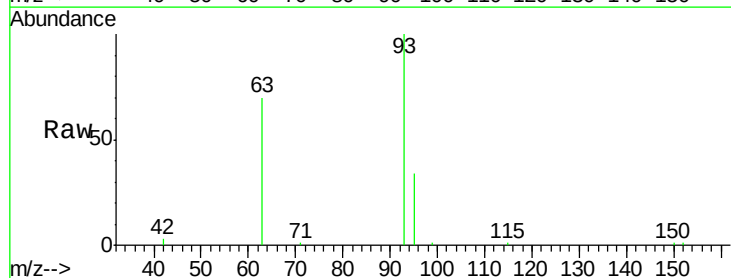
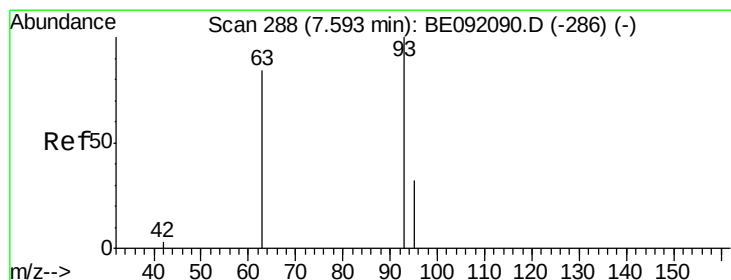
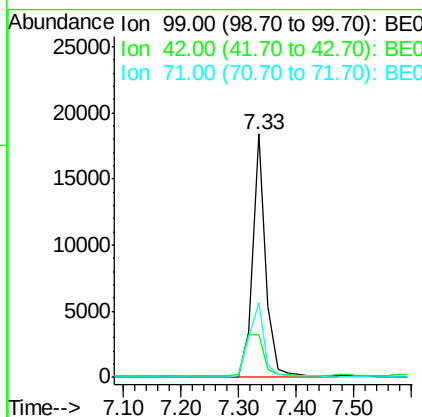
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ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 3.44 ng

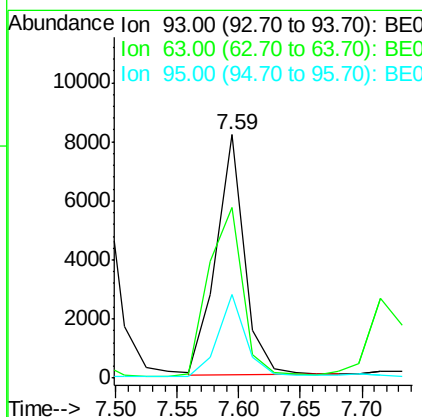
RT: 7.59 min Scan# 288

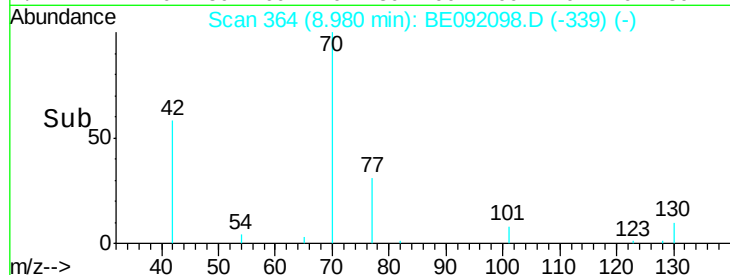
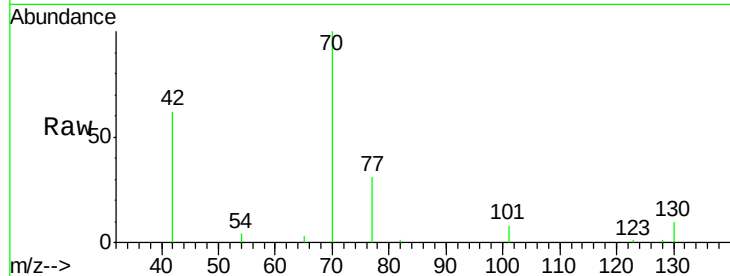
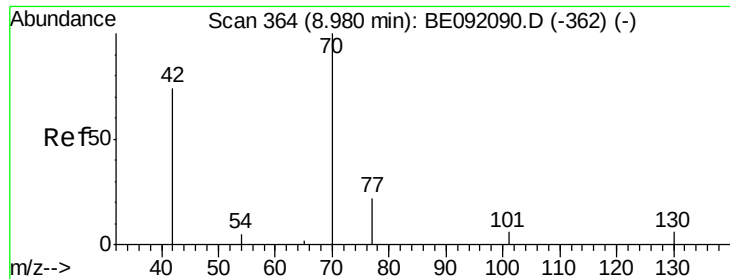
Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tgt Ion:	93	Resp:	13156
Ion	Ratio	Lower	Upper
93	100		
63	84.4	64.4	96.6
95	32.9	25.8	38.8





#7

n-Nitroso-di-n-propylamine

Concen: 3.08 ng

RT: 8.98 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Instrument :

BNA_E

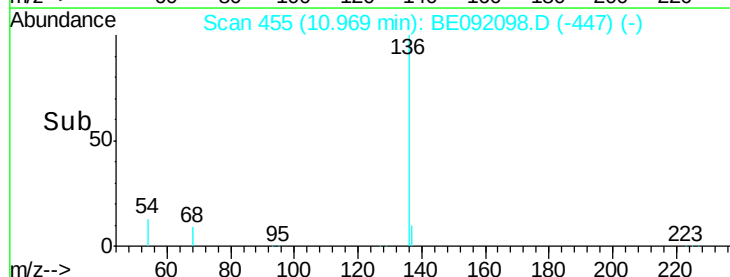
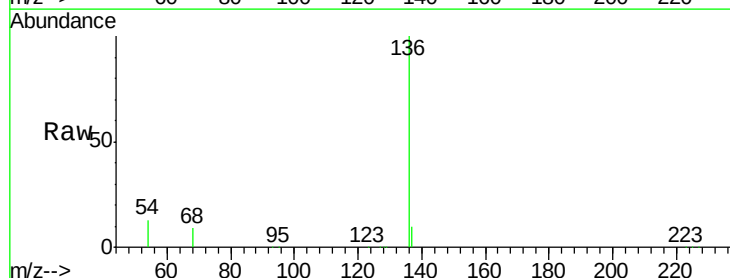
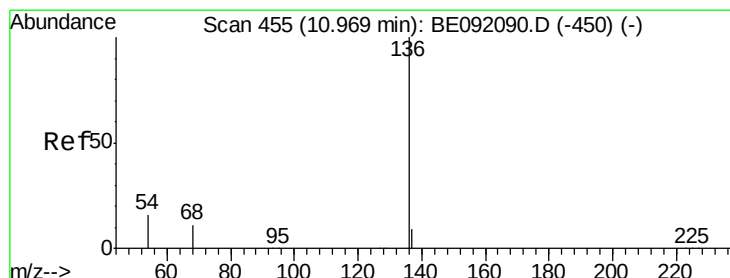
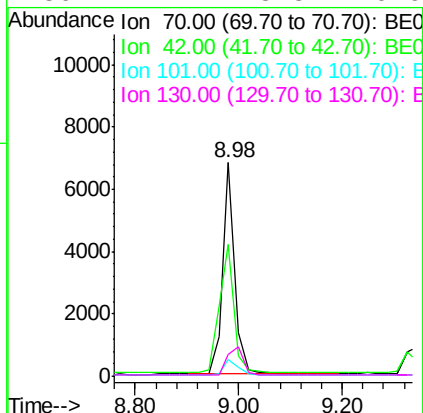
ClientSampleId :

PB92309BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.2	60.2	90.4	
101	8.5	6.8	10.2	
130	17.1	13.3	19.9	

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#8

Naphthalene-d8

Concen: 5.00 ng

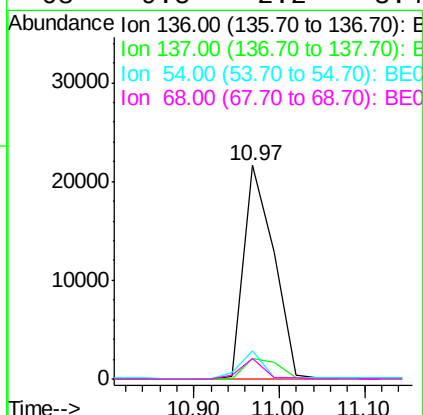
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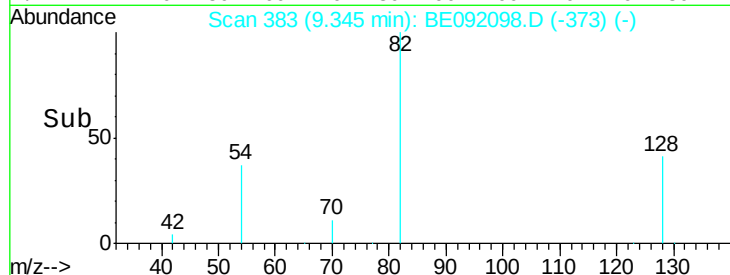
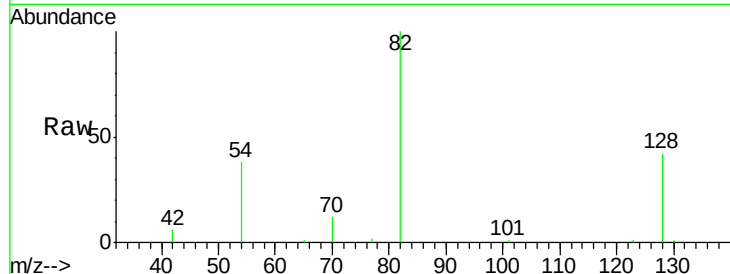
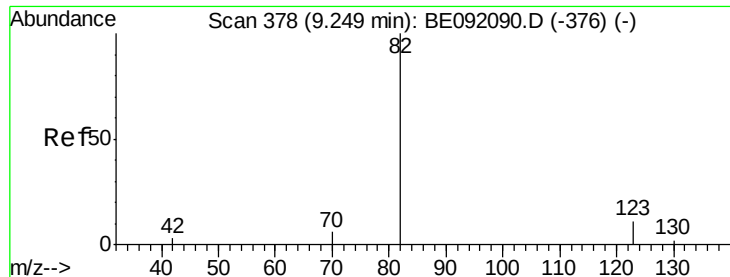
Delta R.T. -0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	9.8	9.1	13.7	
54	13.1	2.7	4.1#	
68	9.5	2.2	3.4#	





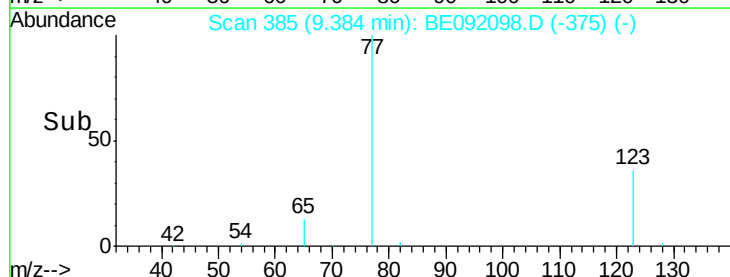
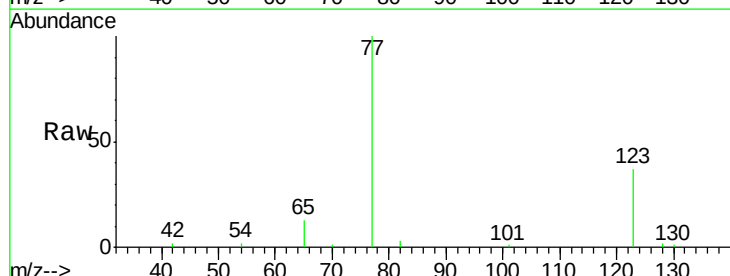
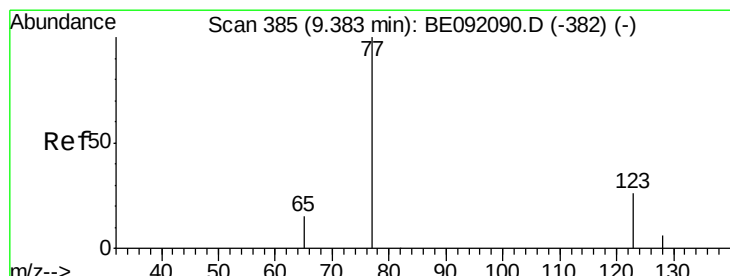
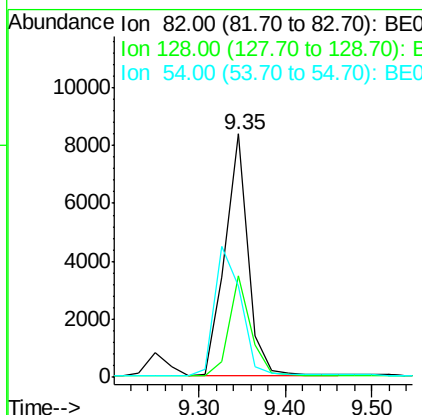
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Nitrobenzene-d5
Concen: 3.81 ng
RT: 9.35 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.0	49.4
54	37.6	42.6	63.8

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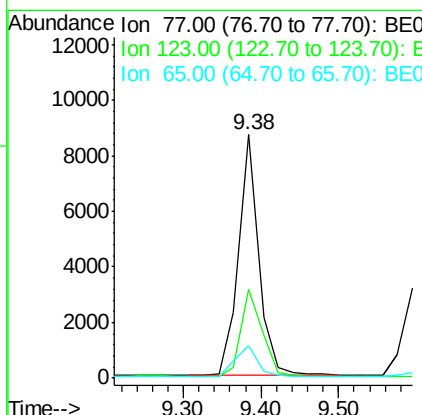
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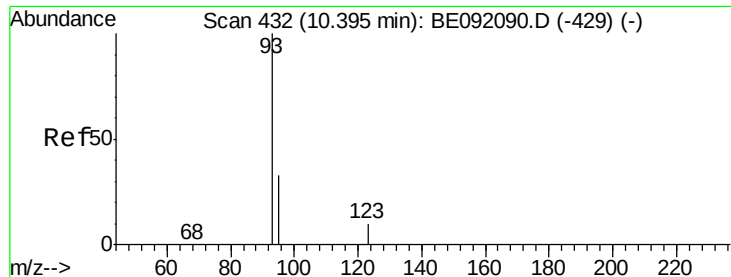
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#10
Nitrobenzene
Concen: 3.60 ng
RT: 9.38 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	29.9	44.9
65	14.0	11.4	17.0





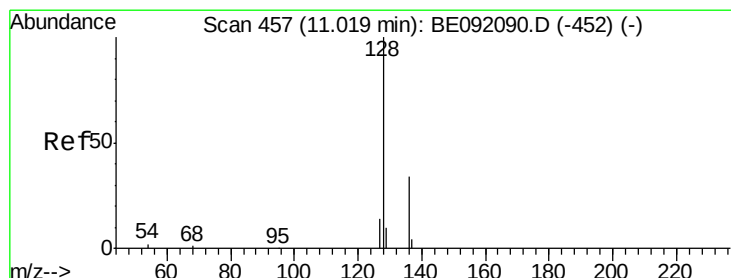
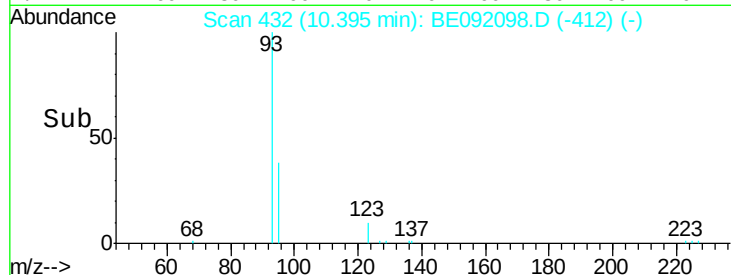
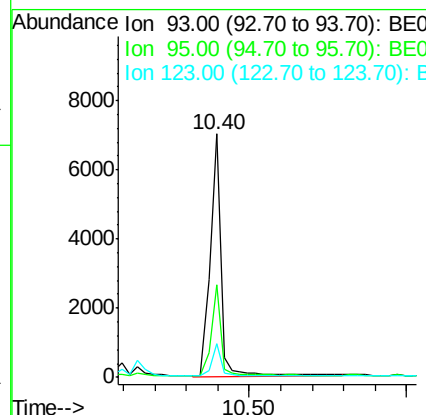
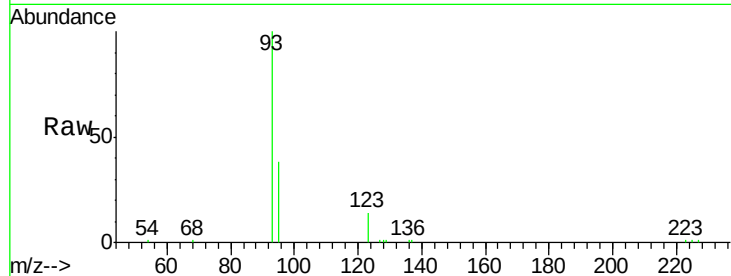
#11
bis(2-Chloroethoxy)methane
Concen: 3.54 ng
RT: 10.40 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tot Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.0	37.6
123	10.7	7.8	11.8

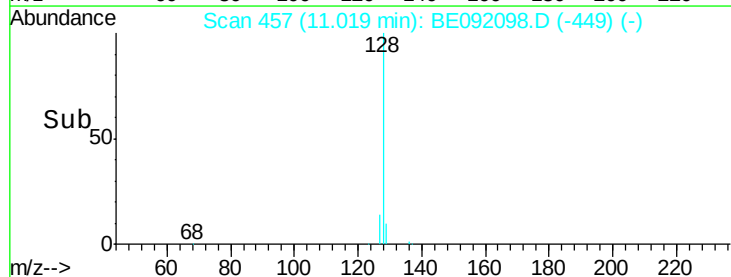
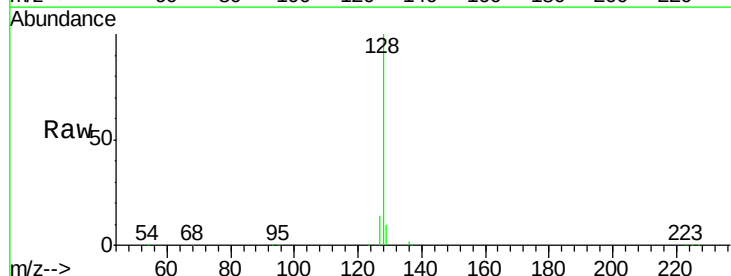
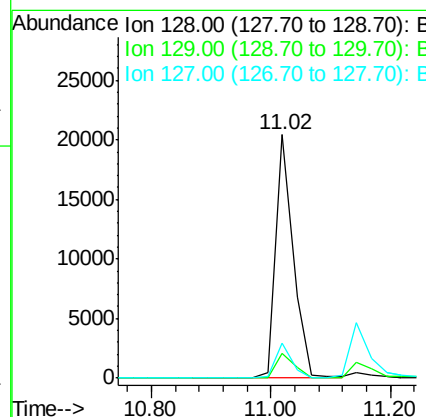
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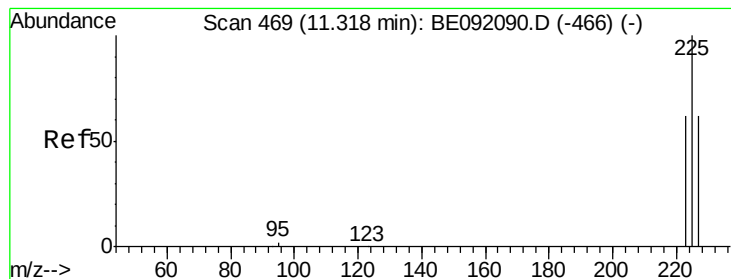
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#12
Naphthalene
Concen: 3.47 ng
RT: 11.02 min Scan# 457
Delta R.T. -0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	11.1	16.7#
127	14.2	11.3	16.9





#13

Hexachlorobutadiene

Concen: 3.50 ng

RT: 11.32 min Scan# 469

Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Instrument :

BNA_E

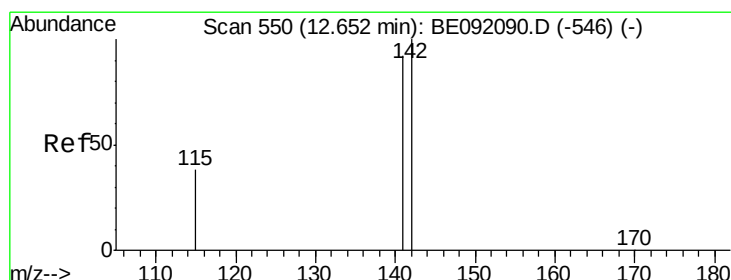
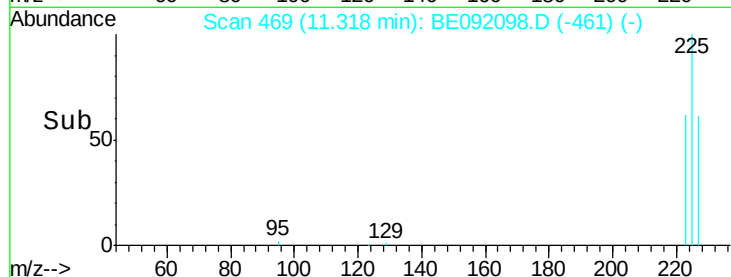
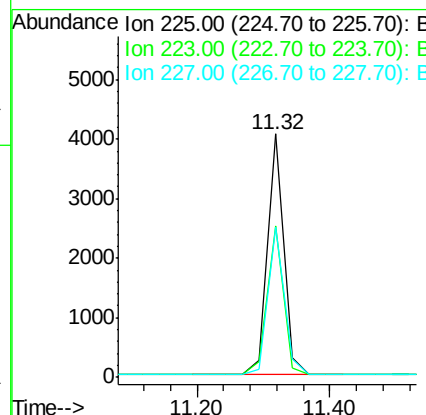
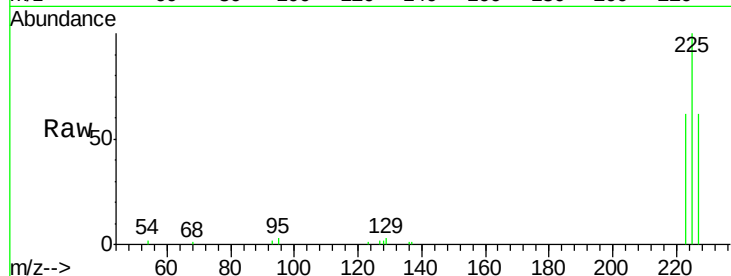
ClientSampled :

PB92309BS

Tot Ion:	225	Resp:	6867
Ion Ratio	Lower	Upper	
225	100		
223	62.1	51.9	77.9
227	62.3	0.0	0.0

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#14

2-Methylnaphthalene

Concen: 3.52 ng

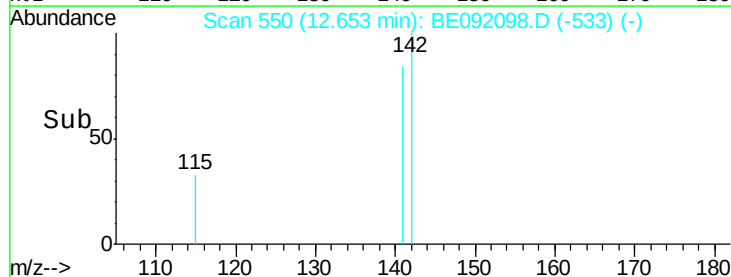
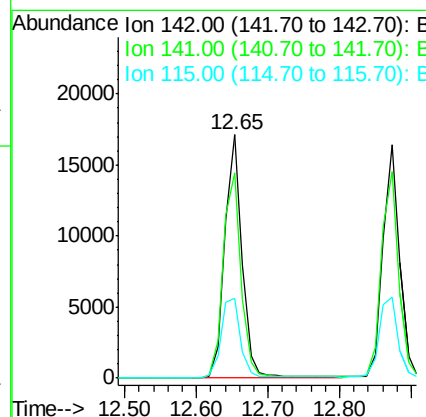
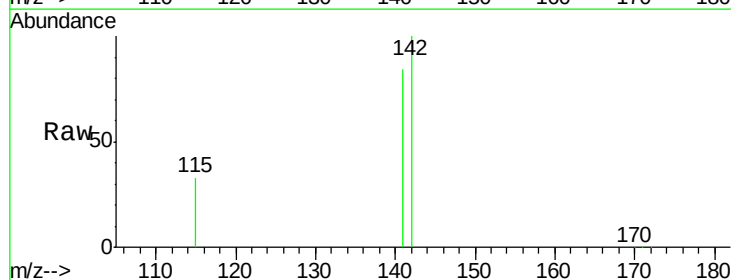
RT: 12.65 min Scan# 550

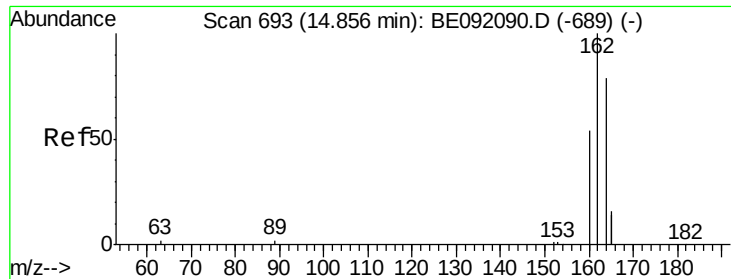
Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tgt Ion:	142	Resp:	28373
Ion Ratio	Lower	Upper	
142	100		
141	84.3	65.1	97.7
115	32.9	27.0	40.4





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 693

Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB92309BS

Tot Ion:164 Resp: 24783

Ion Ratio Lower Upper

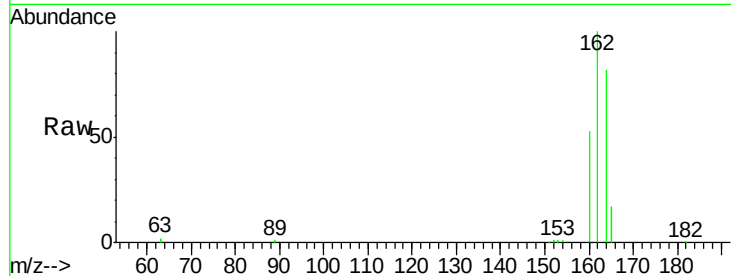
164 100

162 122.5 69.5 104.3#

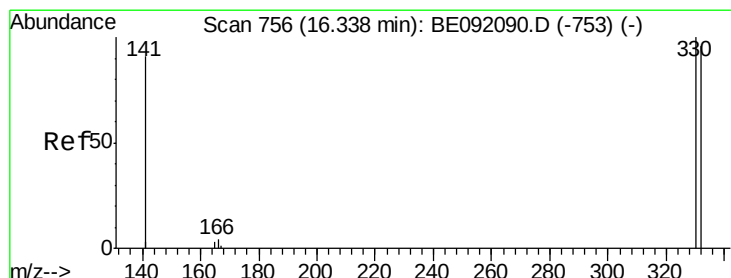
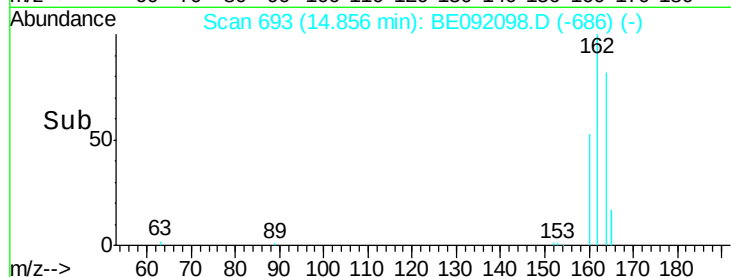
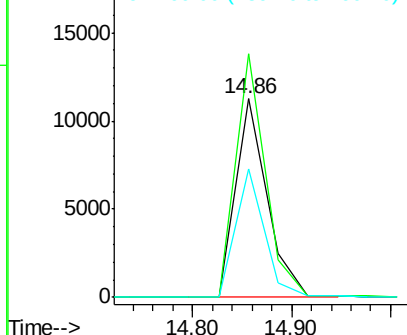
160 64.9 27.6 41.4#

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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



#16

2,4,6-Tribromophenol

Concen: 6.11 ng

RT: 16.32 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

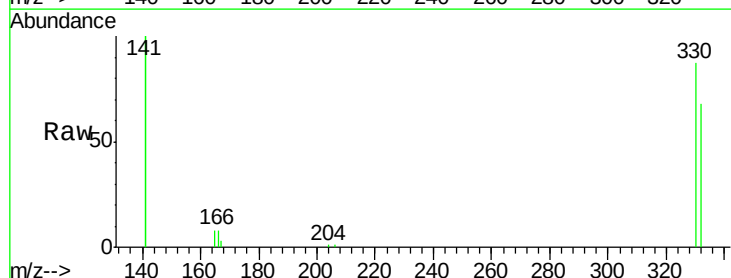
Tgt Ion:330 Resp: 10003

Ion Ratio Lower Upper

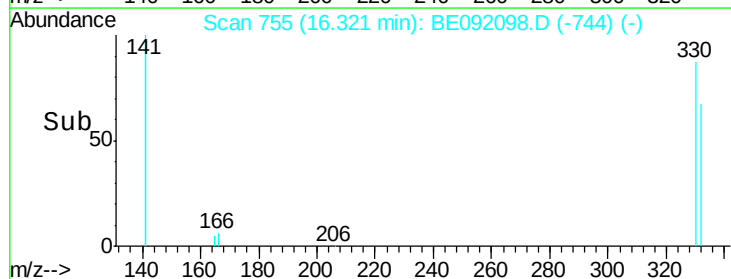
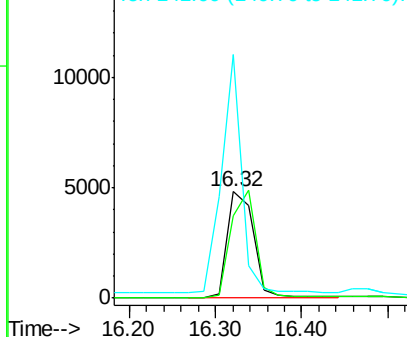
330 100

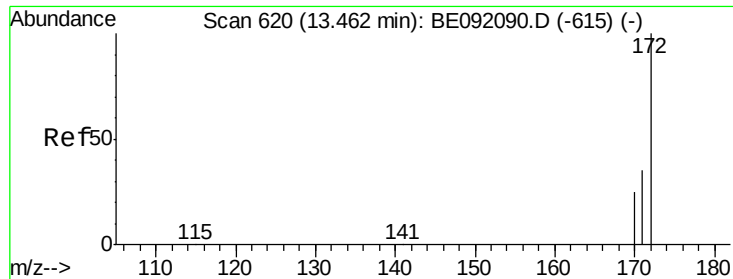
332 96.0 74.2 111.4

141 175.9 139.8 209.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





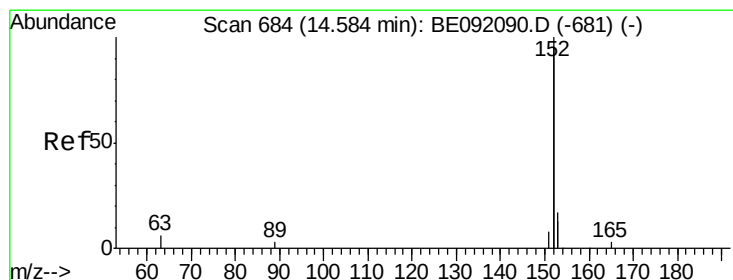
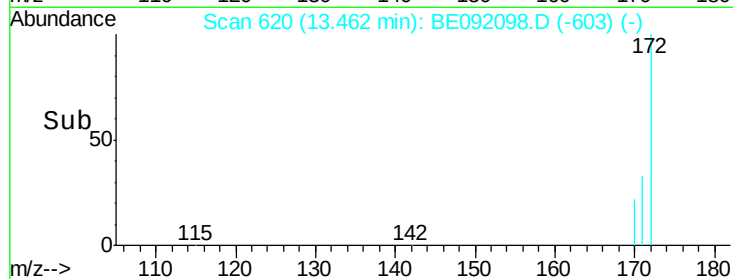
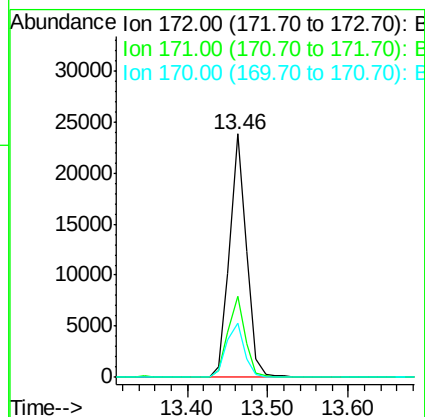
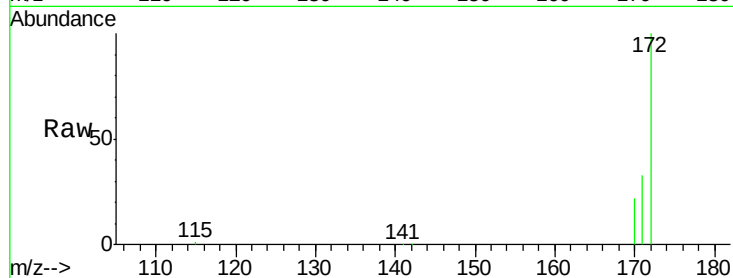
#17
2-Fluorobiphenyl
Concen: 3.58 ng
RT: 13.46 min Scan# 620
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.3	45.5
170	22.0	21.6	32.4

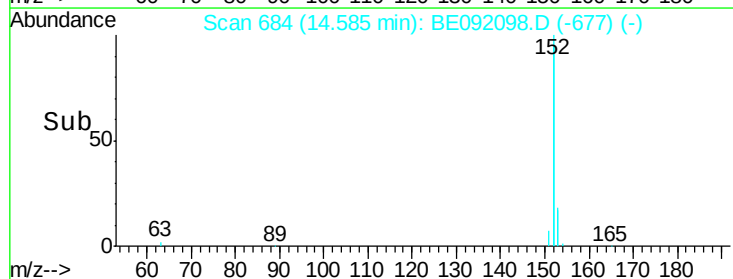
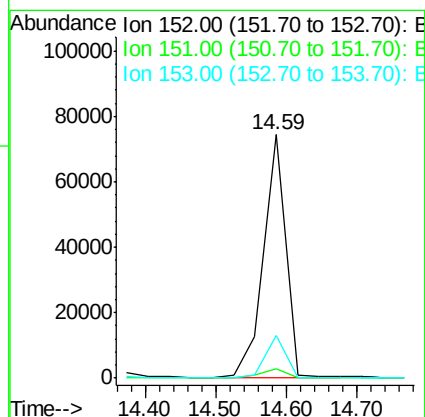
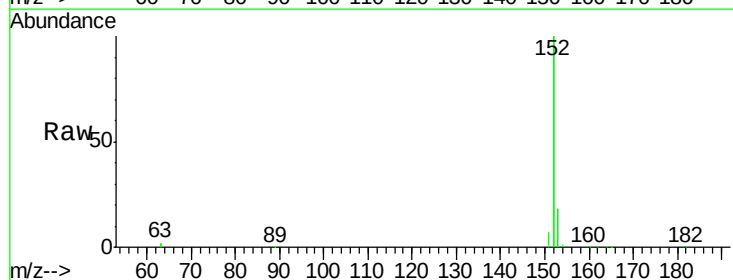
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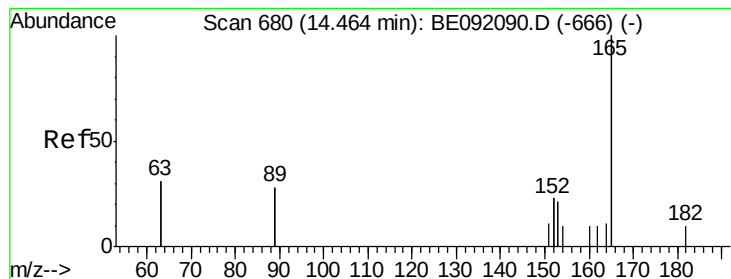
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#18
Acenaphthylene
Concen: 2.90 ng
RT: 14.59 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.2	4.0	6.0
153	15.8	9.6	14.4





#19

2,6-Dinitrotoluene

Concen: 3.16 ng

RT: 14.46 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Instrument :

BNA_E

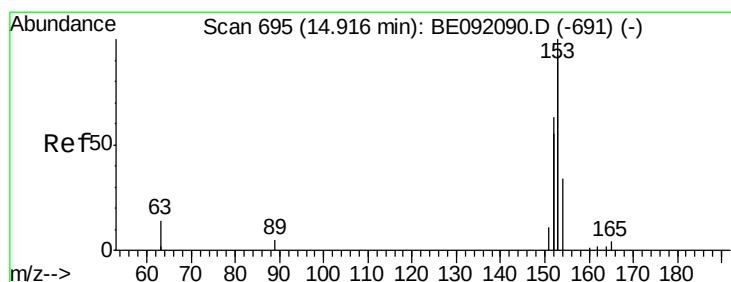
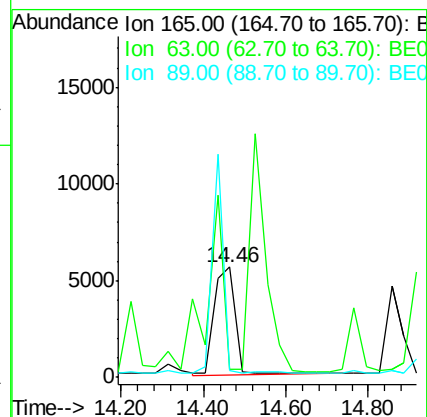
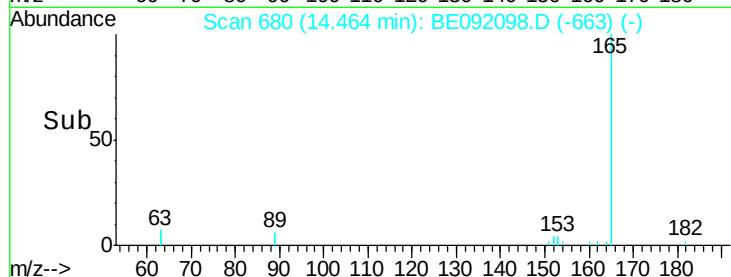
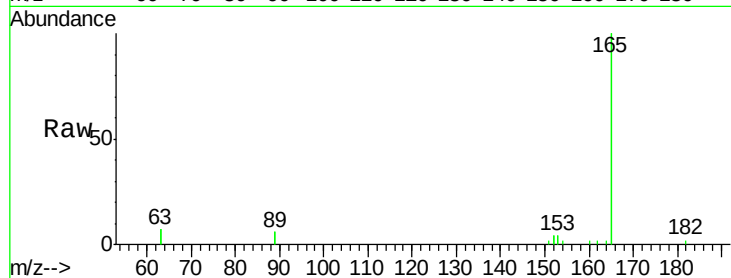
ClientSampled :

PB92309BS

Tot Ion:	165	Resp:	20363
Ion Ratio	Lower	Upper	
165	100		
63	0.0	0.0	0.0
89	0.0	0.0	0.0

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#20

Acenaphthene

Concen: 3.54 ng

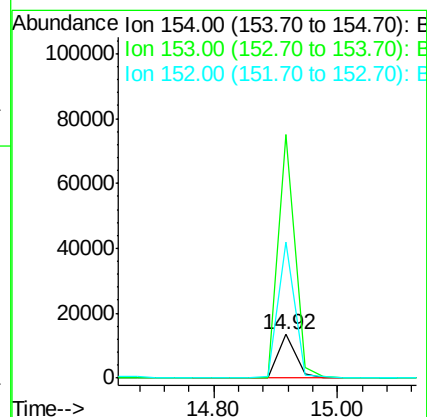
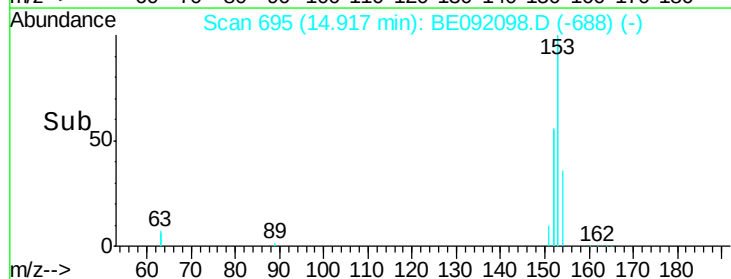
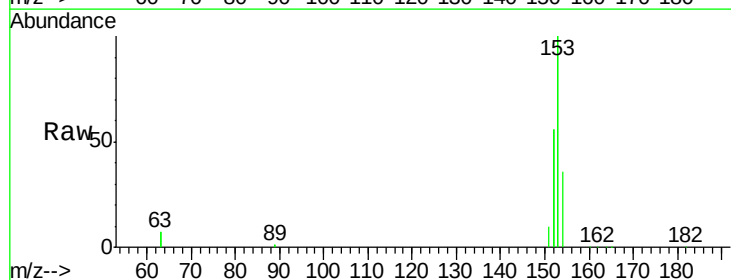
RT: 14.92 min Scan# 695

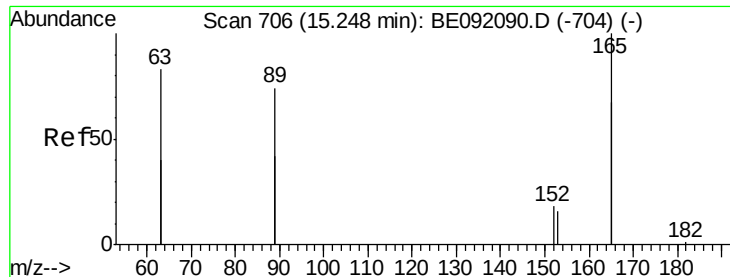
Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tgt Ion:	154	Resp:	26851
Ion Ratio	Lower	Upper	
154	100		
153	527.0	345.1	517.7#
152	287.2	0.0	0.0#





#21

2,4-Dinitrotoluene

Concen: 3.09 ng

RT: 15.25 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Instrument :

BNA_E

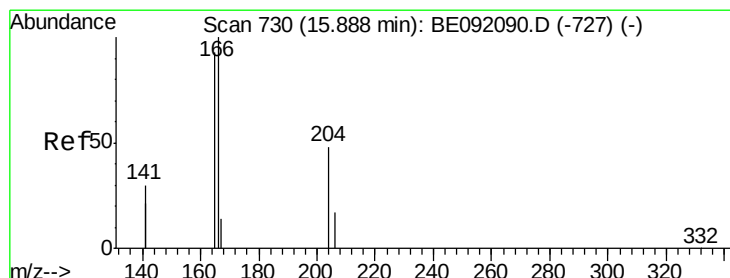
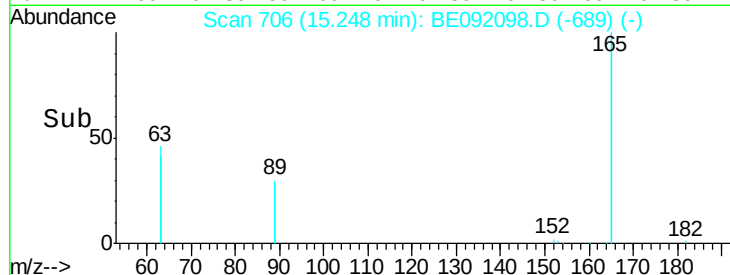
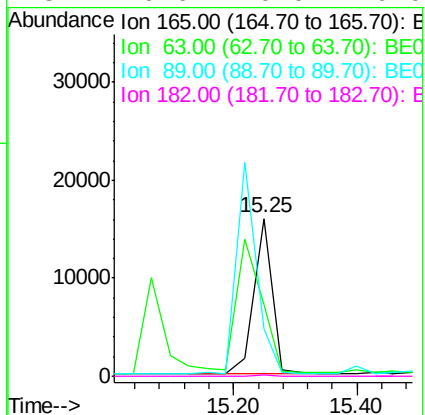
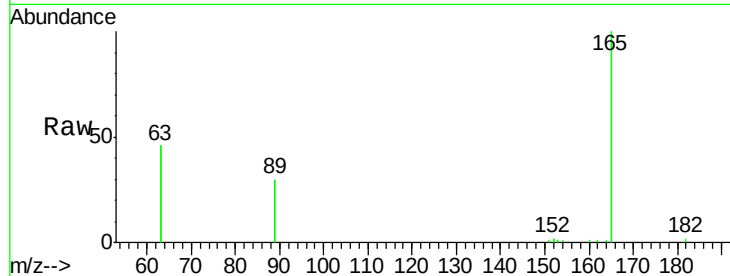
ClientSampleId :

PB92309BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	324.0	486.0#
89	0.0	308.4	462.6#
182	0.6	0.0	0.0#

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#22

Fluorene

Concen: 3.13 ng

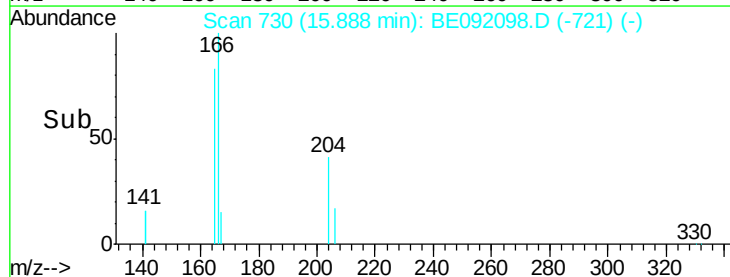
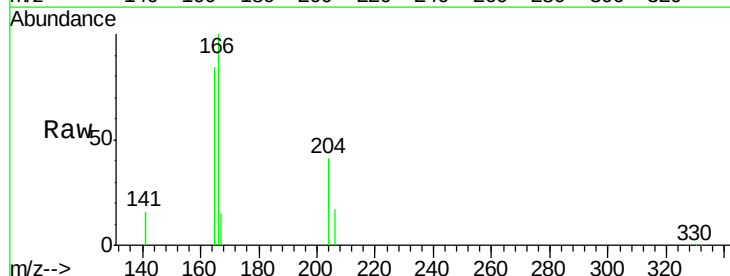
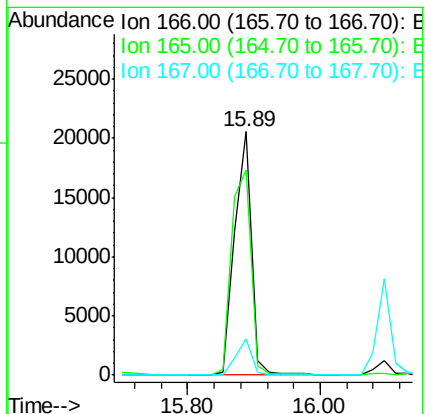
RT: 15.89 min Scan# 730

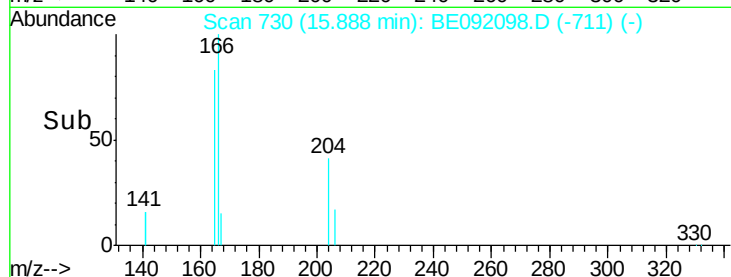
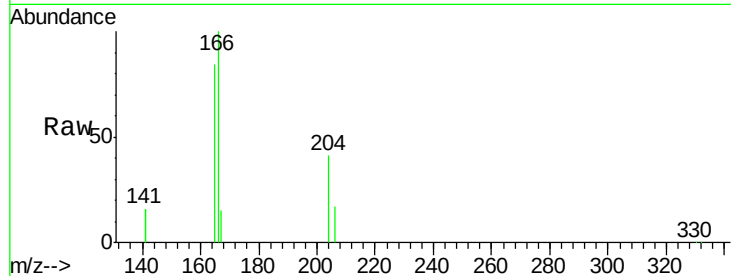
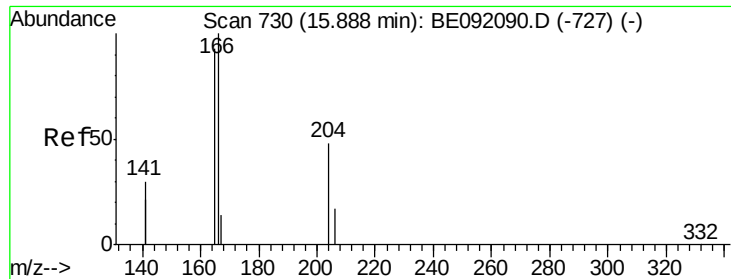
Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	118.0
167	13.7	11.1	16.7





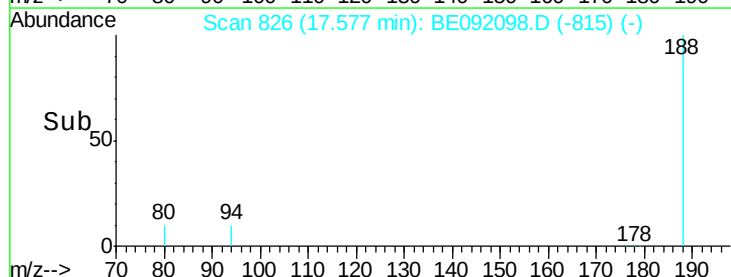
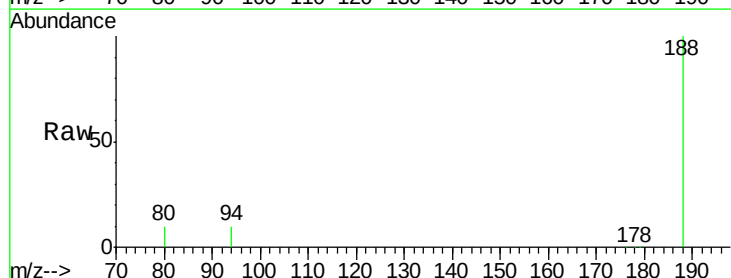
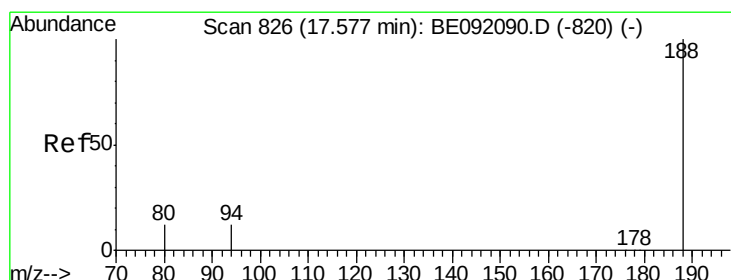
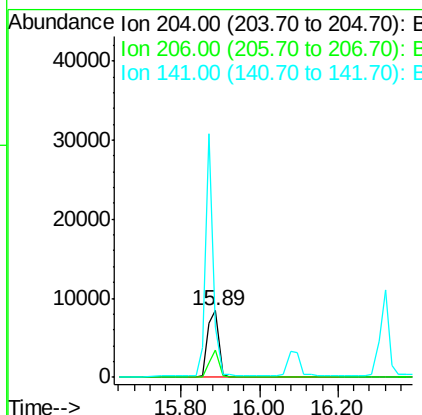
#23
4-Chlorophenyl-phenylether
Concen: 2.84 ng
RT: 15.89 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.0	40.4
141	266.7	198.5	297.7

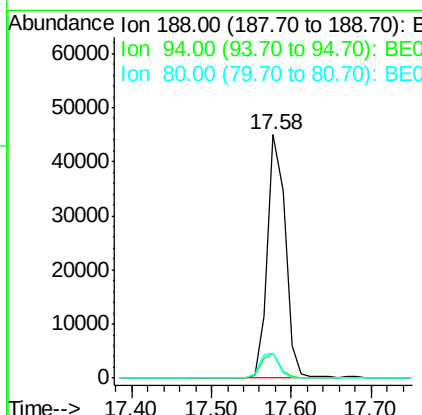
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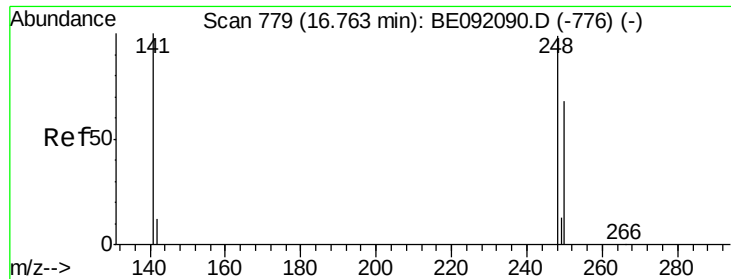
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	3.9	5.9#
80	9.9	3.4	5.0#





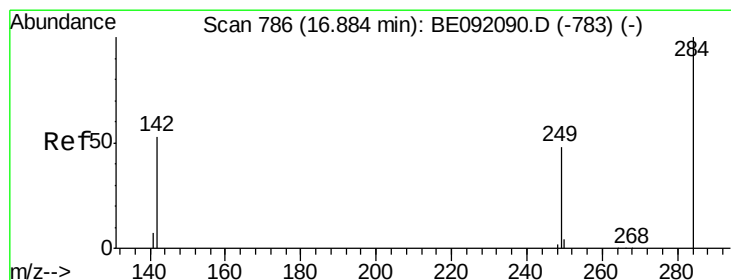
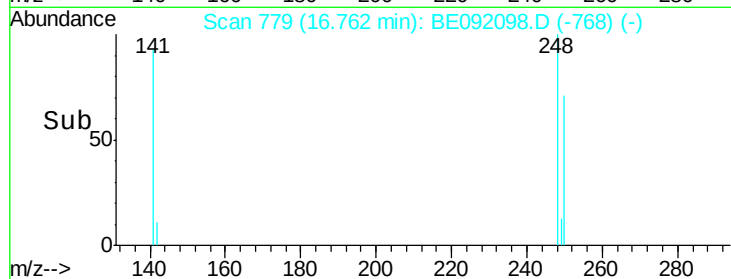
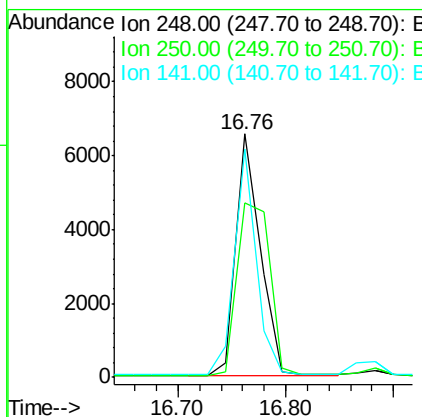
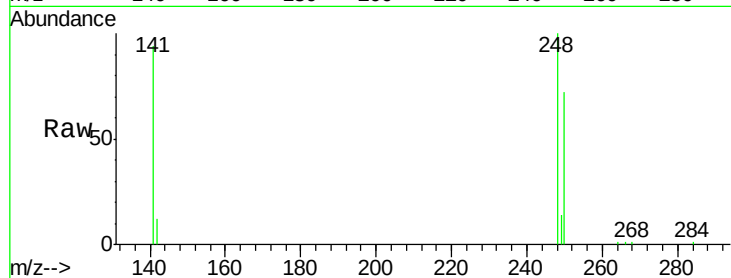
#25
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 16.76 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.6	119.4
141	83.4	68.7	103.1

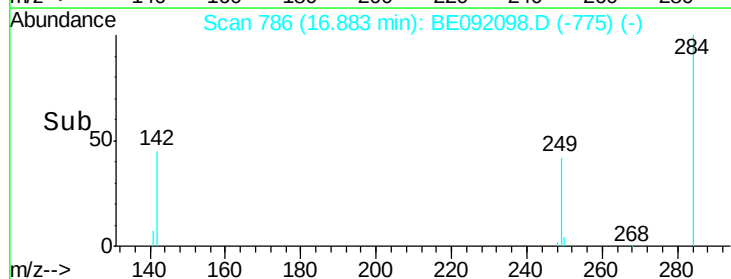
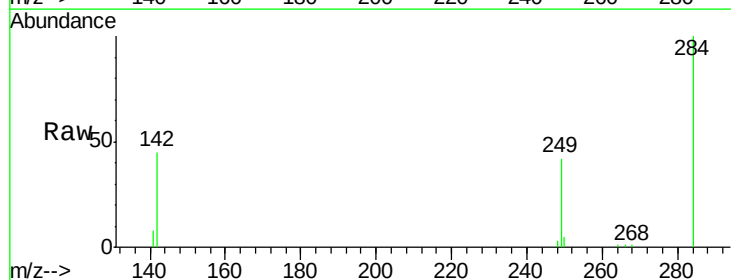
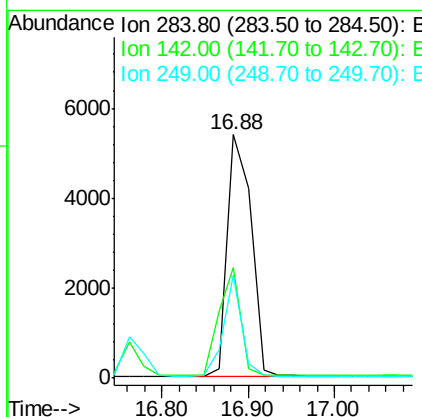
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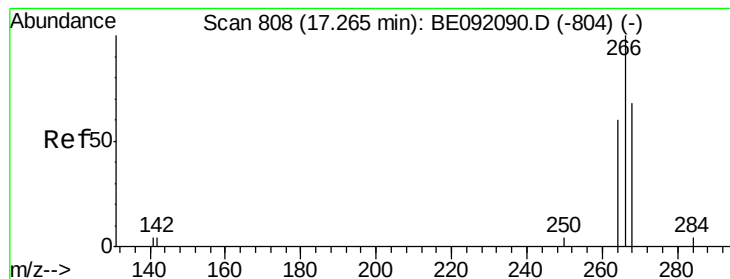
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#26
Hexachlorobenzene
Concen: 3.58 ng
RT: 16.88 min Scan# 786
Delta R.T. -0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.4	33.3	49.9
249	31.7	25.4	38.0





#27

Pentachlorophenol

Concen: 6.37 ng

RT: 17.23 min Scan# 806

Delta R.T. -0.04 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Instrument :

BNA_E

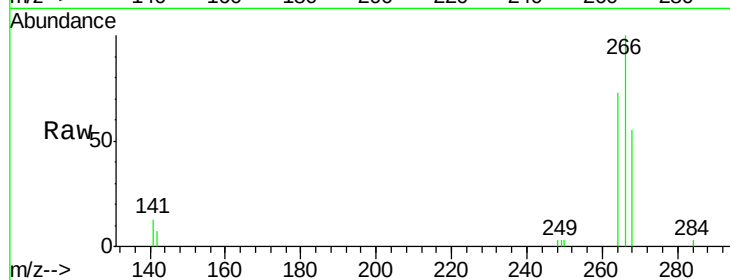
ClientSampleId :

PB92309BS

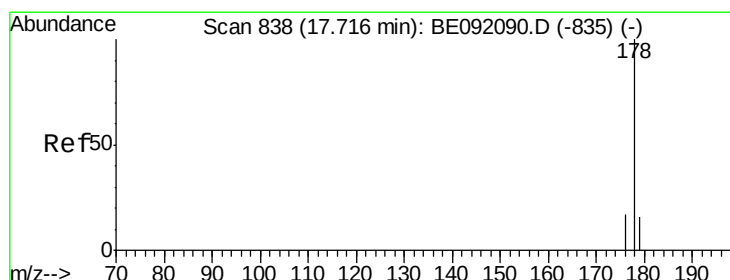
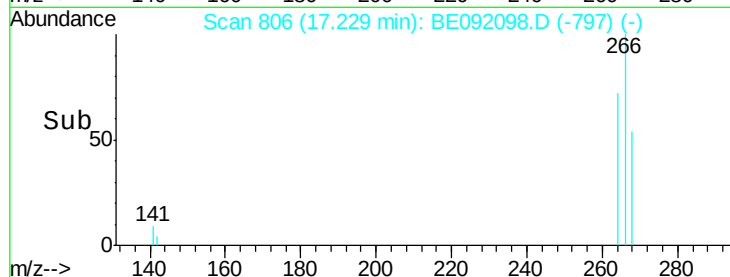
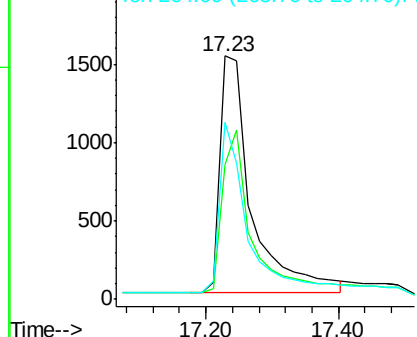
Tot Ion:	266	Resp:	4992
Ion	Ratio	Lower	Upper
266	100		
268	55.1	62.7	94.1#
264	72.8	63.5	95.3

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 3.73 ng

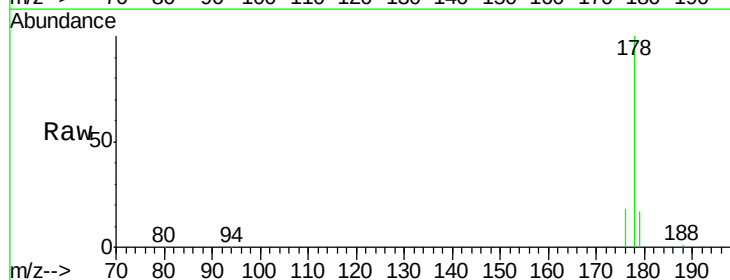
RT: 17.62 min Scan# 830

Delta R.T. 0.00 min

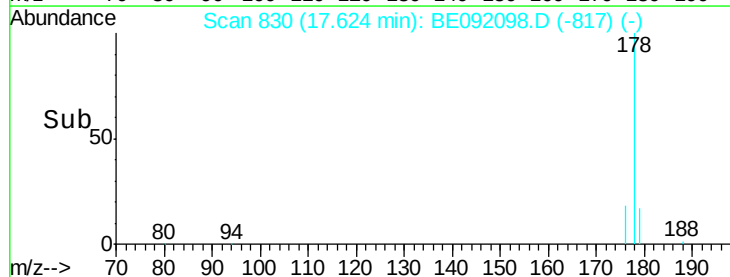
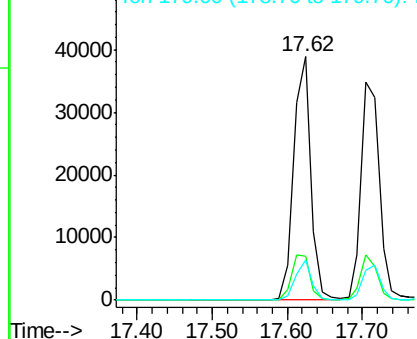
Lab File: BE092098.D

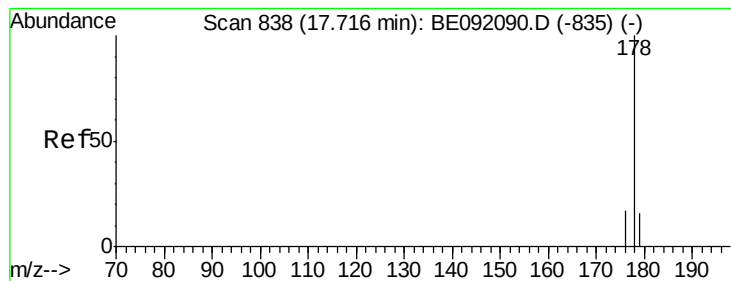
Acq: 1 Aug 2016 19:02

Tgt Ion:	178	Resp:	76277
Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	16.2	12.7	19.1



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





#29

Anthracene

Concen: 3.46 ng

RT: 17.70 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Instrument :

BNA_E

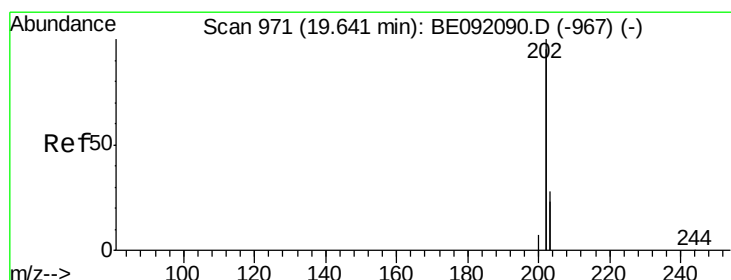
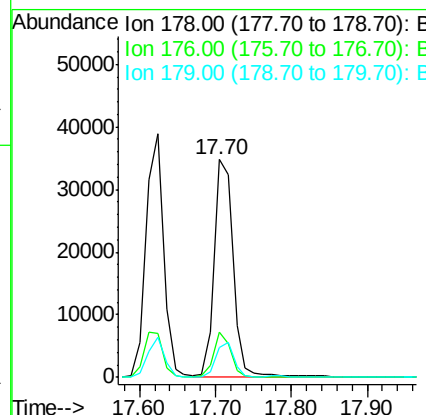
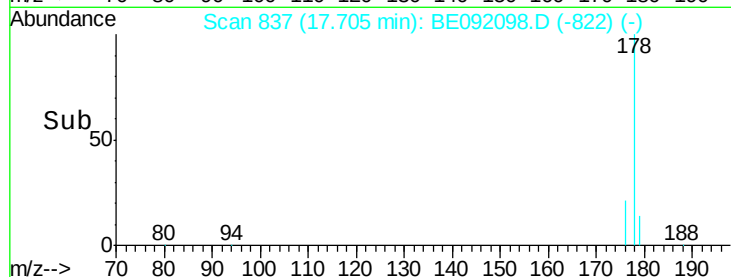
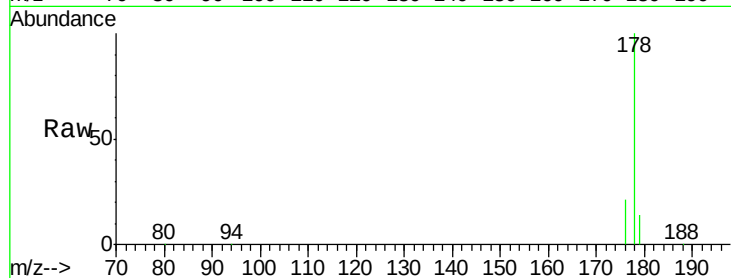
ClientSampleId :

PB92309BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.3	12.2	18.4

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#30

Fluoranthene

Concen: 3.77 ng

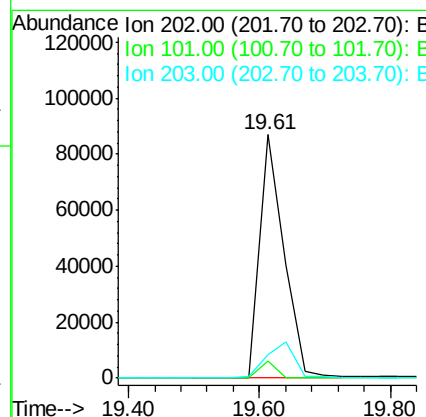
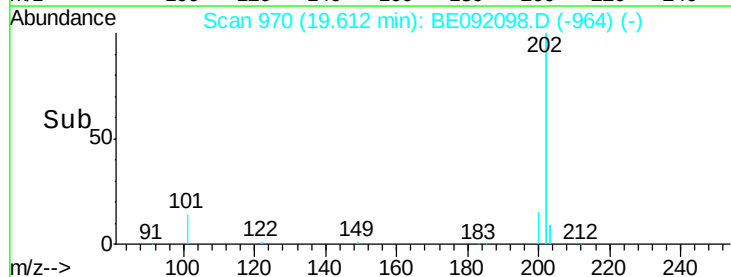
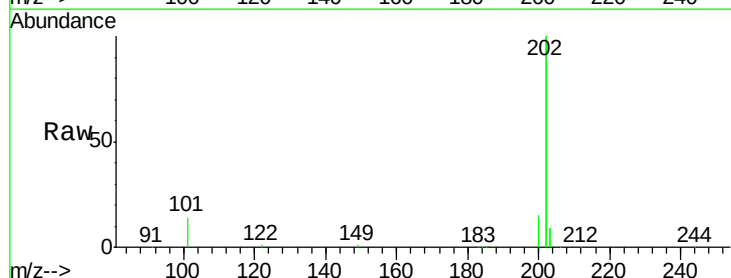
RT: 19.61 min Scan# 970

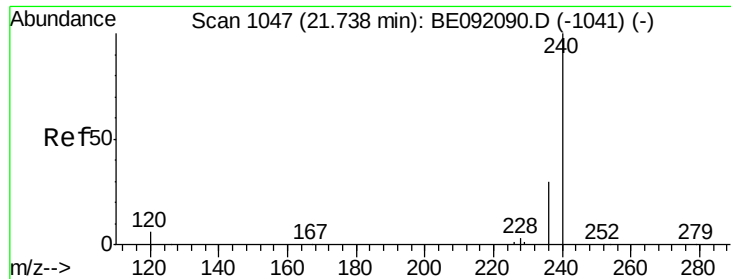
Delta R.T. -0.03 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.8	2.2	3.2#
203	0.0	13.0	19.4#





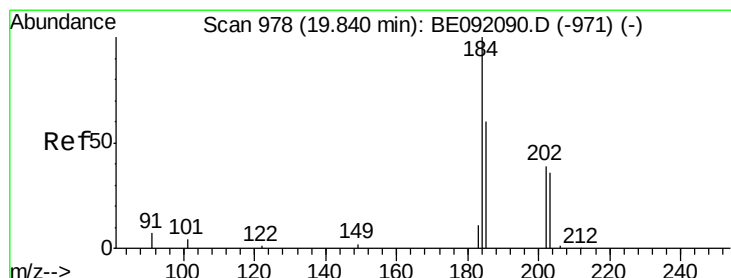
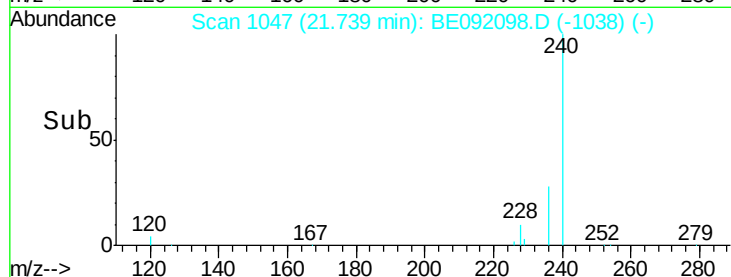
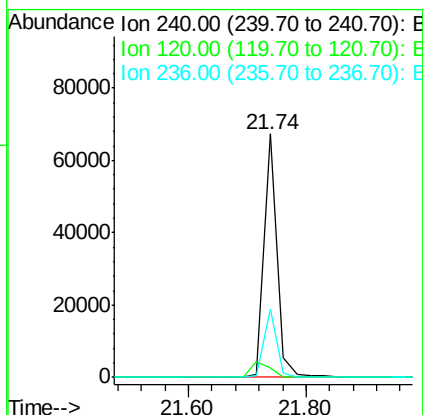
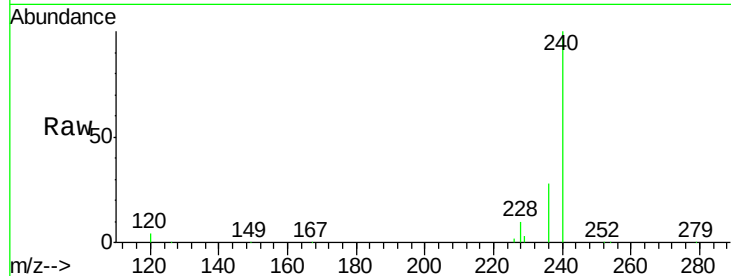
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.74 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.8	0.6	1.0#
236	28.2	18.2	27.4#

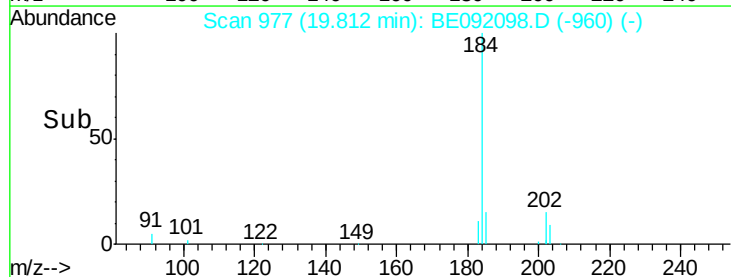
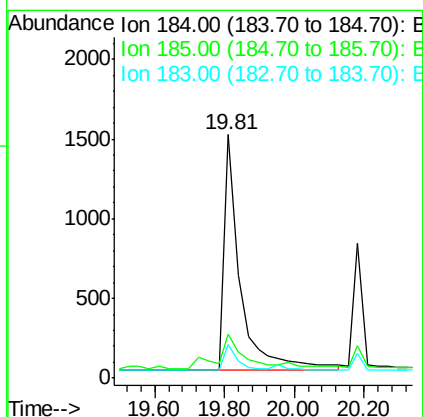
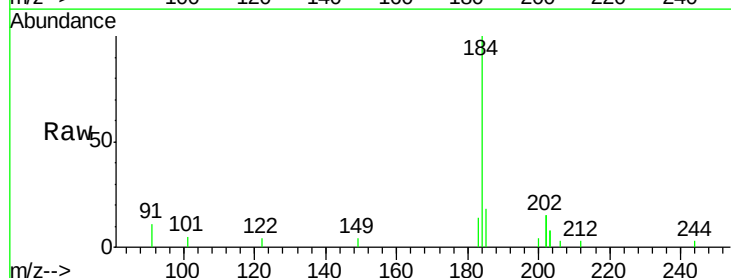
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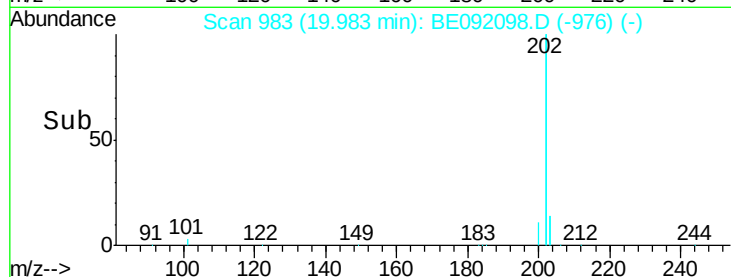
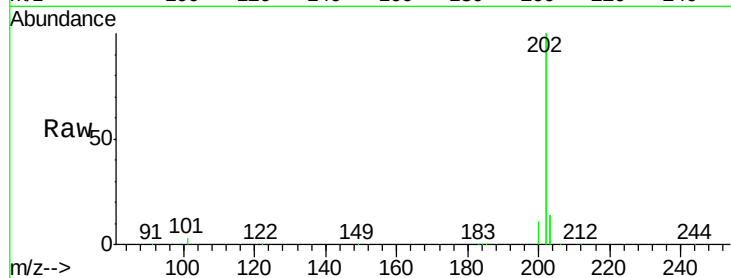
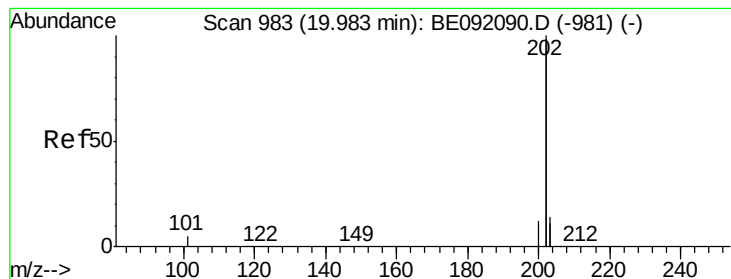
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#32
Benzidine
Concen: 0.71 ng
RT: 19.81 min Scan# 977
Delta R.T. -0.03 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.9	23.8	35.6#
183	14.0	20.7	31.1#





#33

Pvrene

Concen: 3.32 ng

RT: 19.98 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tot Ion	Ratio	Resp	Lower	Upper
202	100	392621		
200	5.6		4.4	6.6
203	15.3		13.4	20.0

Instrument :

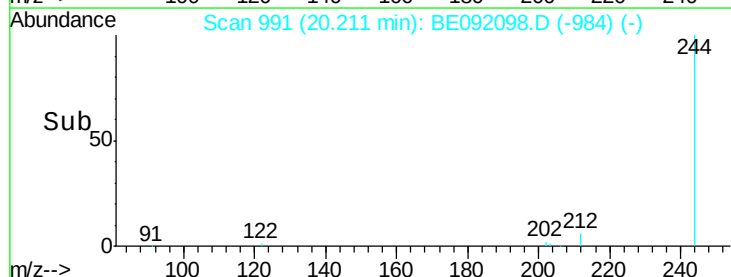
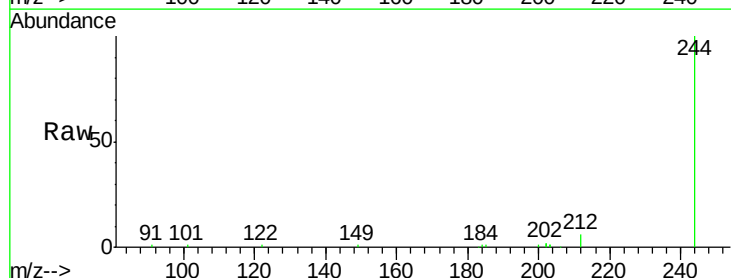
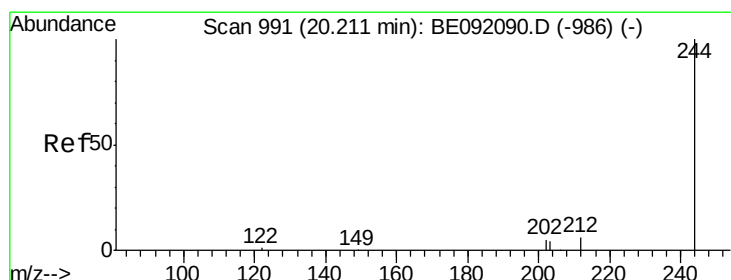
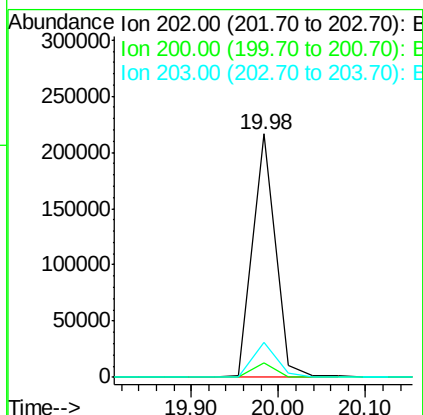
BNA_E

ClientSampled :

PB92309BS

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#34

Terphenyl-d14

Concen: 3.13 ng

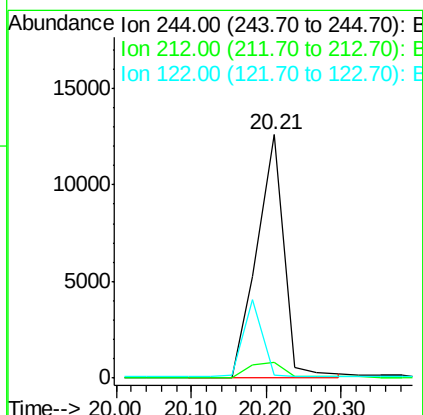
RT: 20.21 min Scan# 991

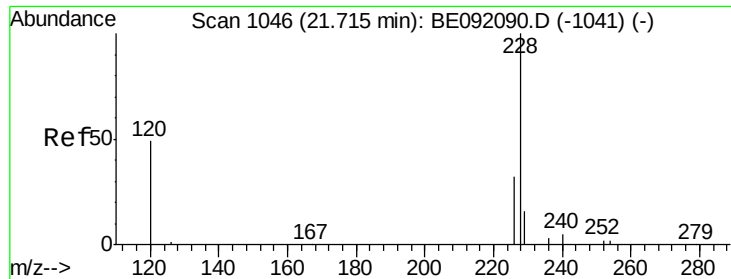
Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	31958		
212	6.3		9.1	13.7#
122	1.1		11.0	16.4#





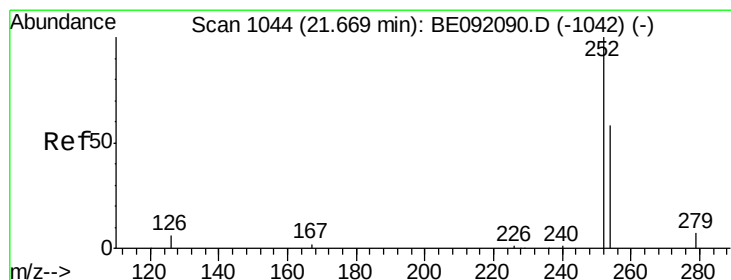
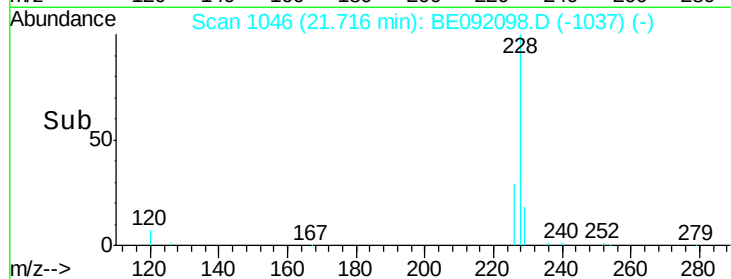
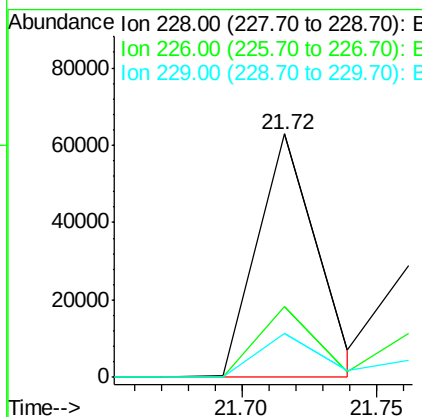
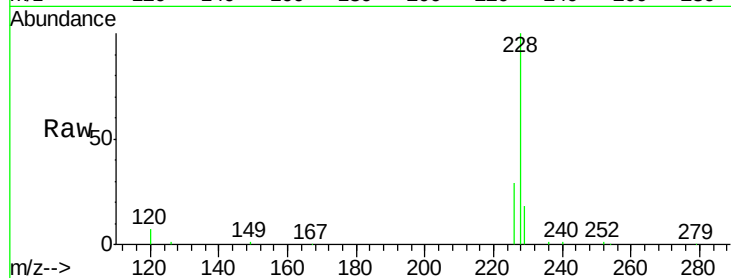
#35
Benzo(a)anthracene
Concen: 3.92 ng m
RT: 21.72 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.1	33.1
229	17.8	15.1	22.7

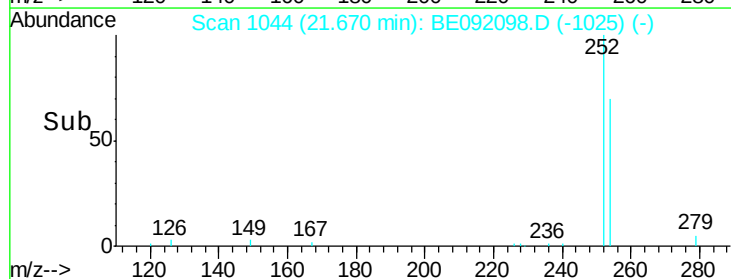
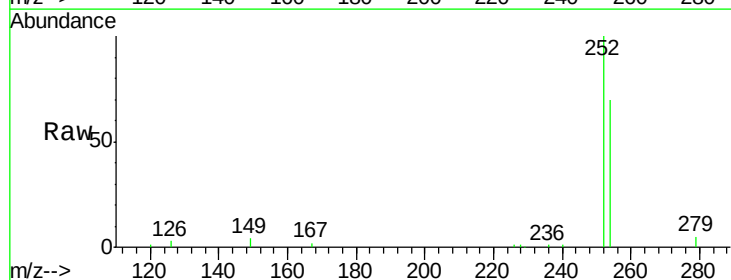
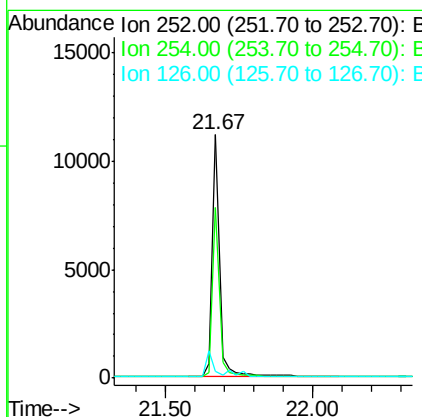
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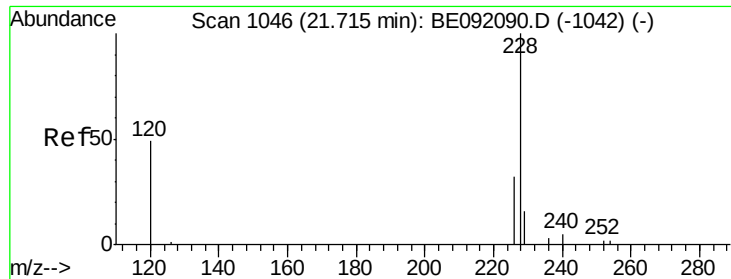
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#36
3,3'-Dichlorobenzidine
Concen: 2.10 ng
RT: 21.67 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	69.9	44.2	66.2#
126	2.6	10.6	15.8#





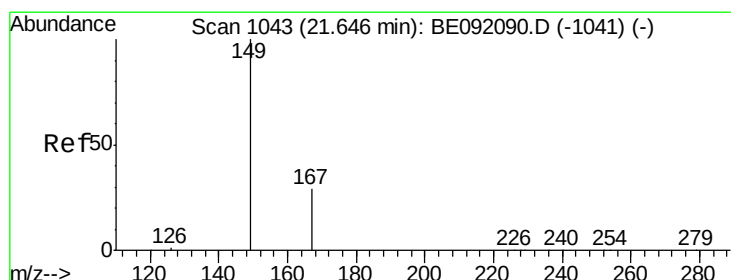
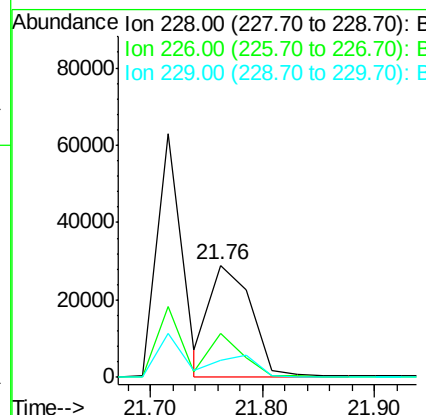
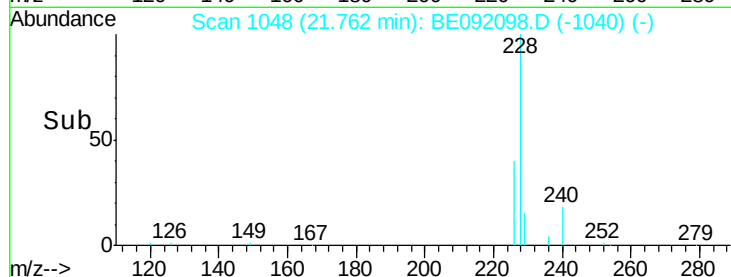
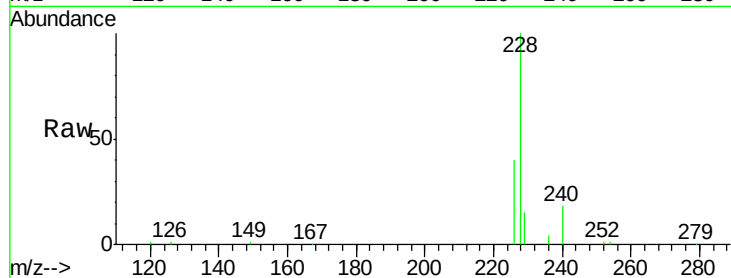
#37
Chrysene
Concen: 3.08 ng/ml
RT: 21.76 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.7	22.3	33.5#
229	15.3	16.9	25.3#

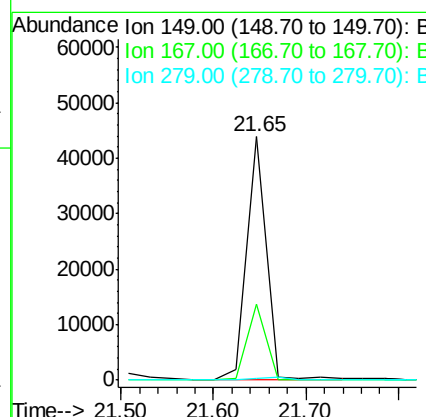
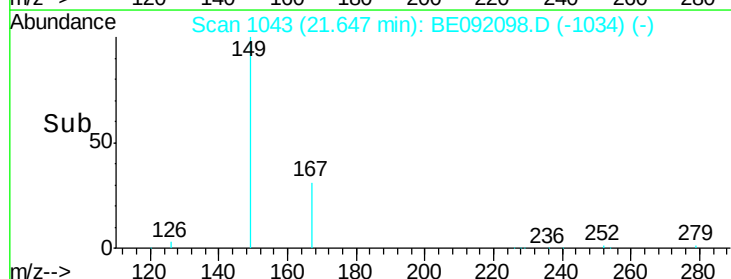
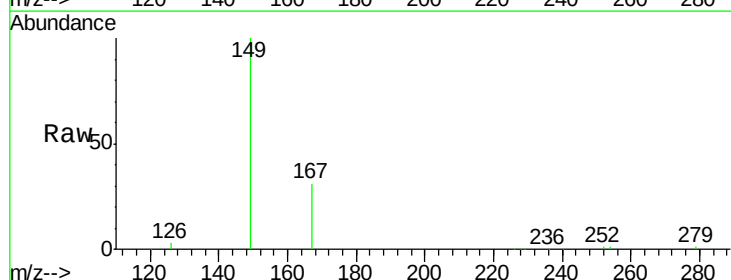
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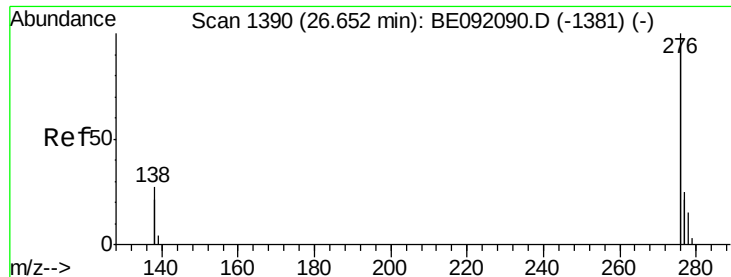
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#38
Bis(2-ethylhexyl)phthalate
Concen: 3.13 ng/ml
RT: 21.65 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	3.8	5.6#
279	0.0	0.0	0.0





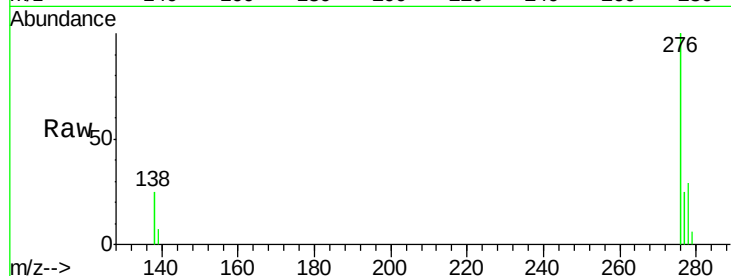
#39
Indeno(1,2,3-cd)pyrene
Concen: 4.02 ng
RT: 26.65 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.2	31.8
277	24.6	19.8	29.8

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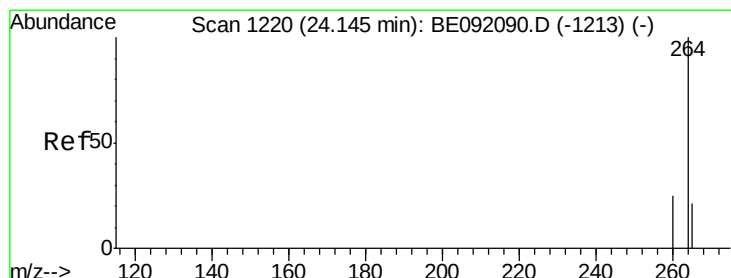
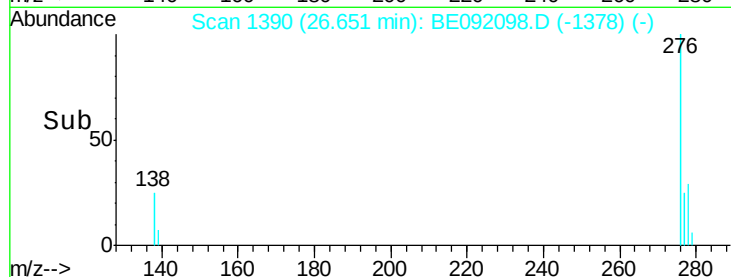
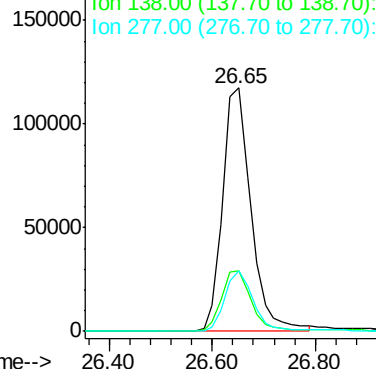


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40
Perylene-d12
Concen: 5.00 ng
RT: 24.15 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

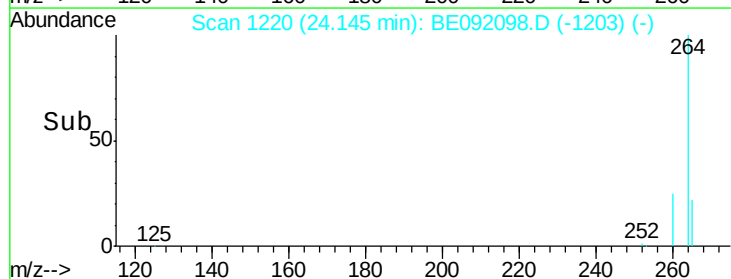
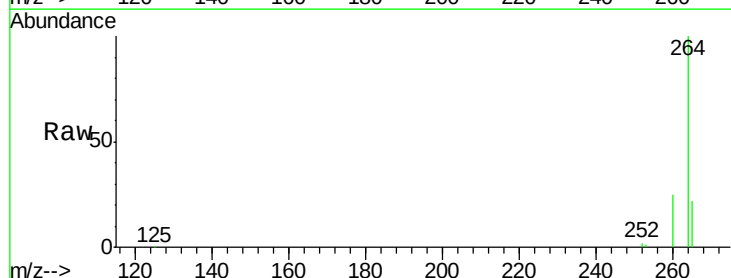
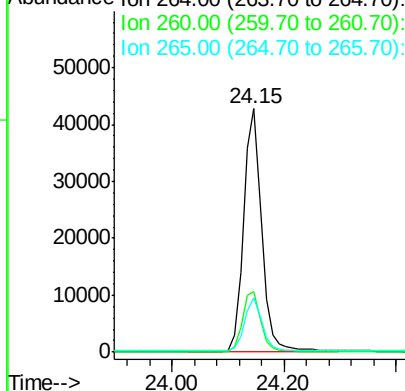
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.8	31.2
265	22.3	16.6	25.0

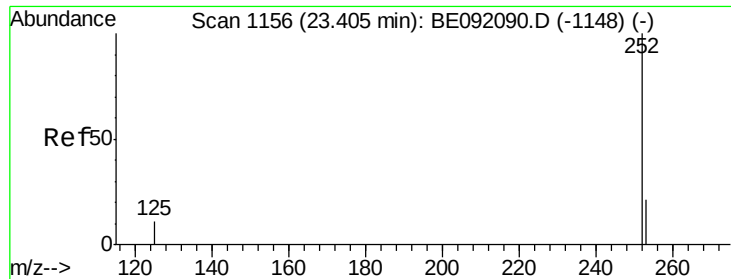
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 3.98 ng

RT: 23.41 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Instrument :

BNA_E

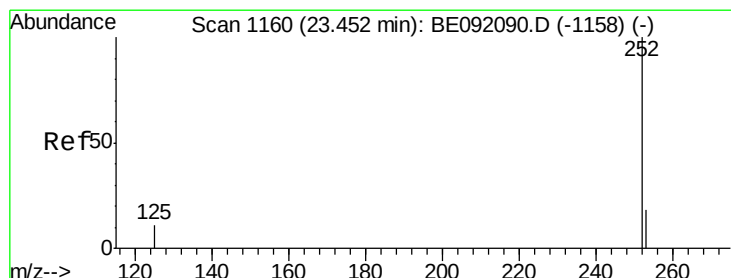
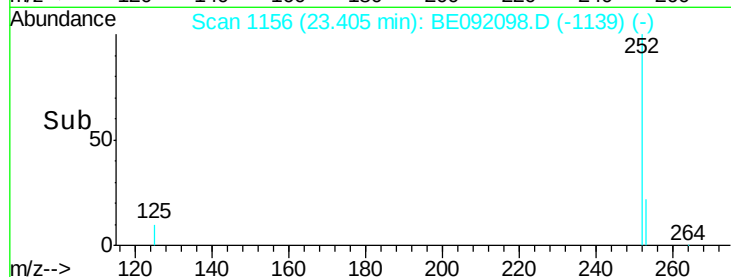
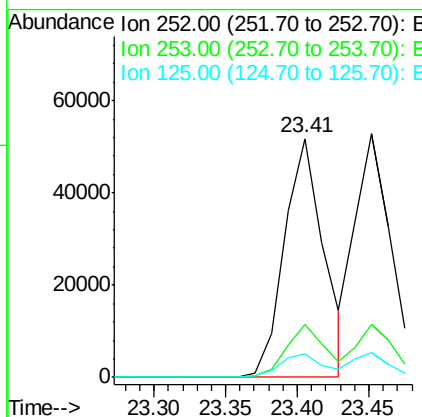
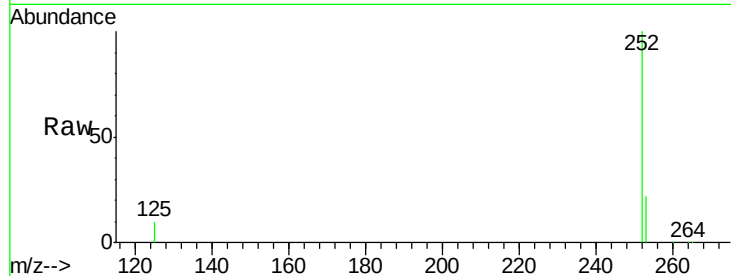
ClientSampleId :

PB92309BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.8	10.2	15.2

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#42

Benzo(k)fluoranthene

Concen: 3.46 ng

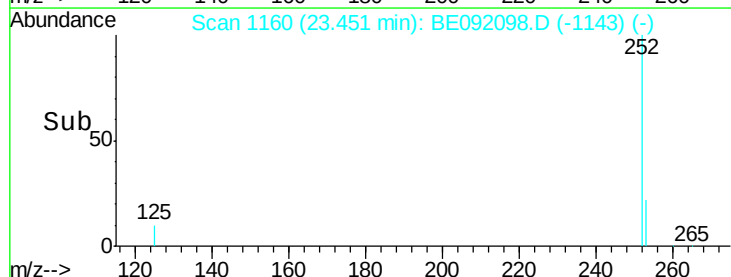
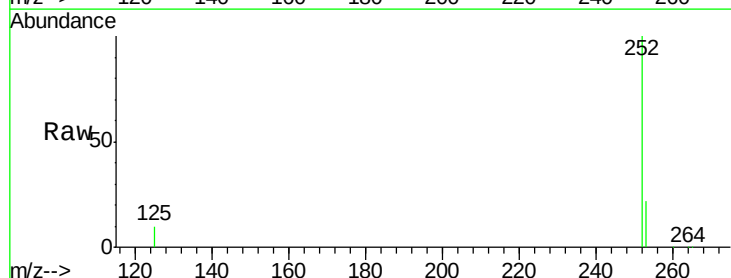
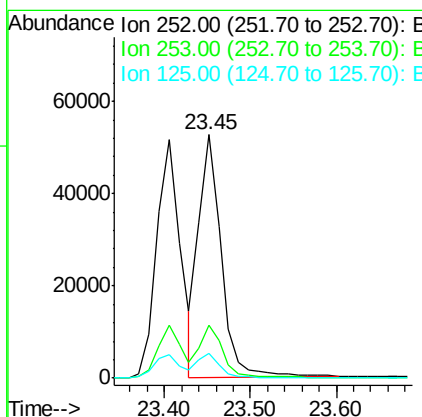
RT: 23.45 min Scan# 1160

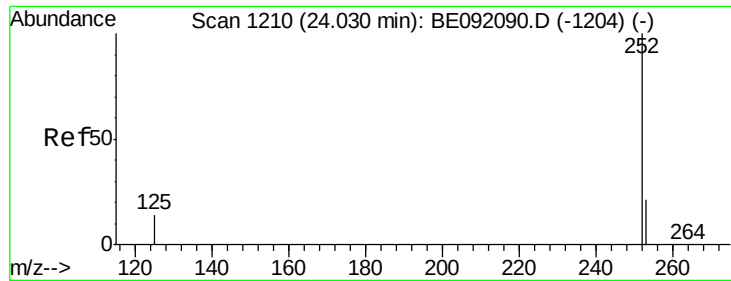
Delta R.T. -0.00 min

Lab File: BE092098.D

Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.4	29.0
125	9.9	8.9	13.3





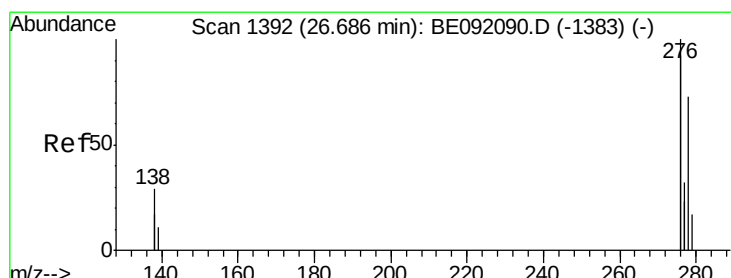
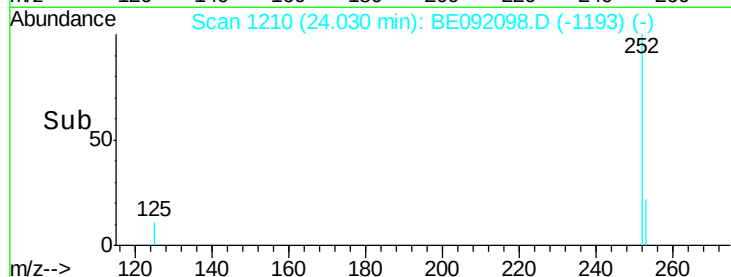
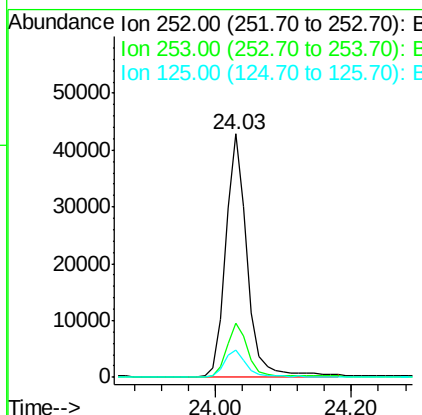
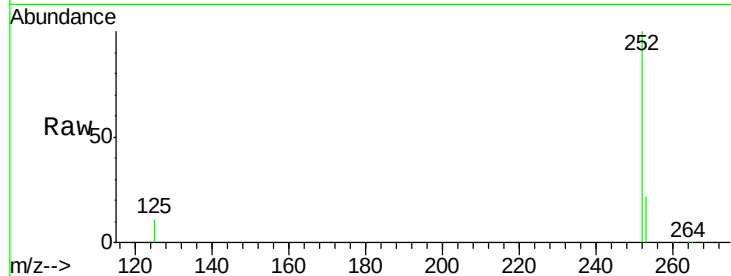
#43
Benzo(a)pyrene
Concen: 3.78 ng
RT: 24.03 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB92309BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.8	29.8
125	11.3	10.4	15.6

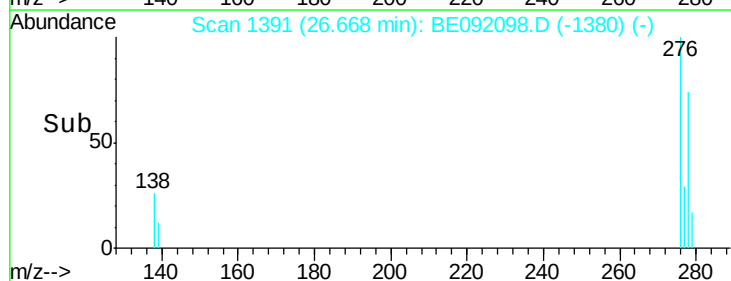
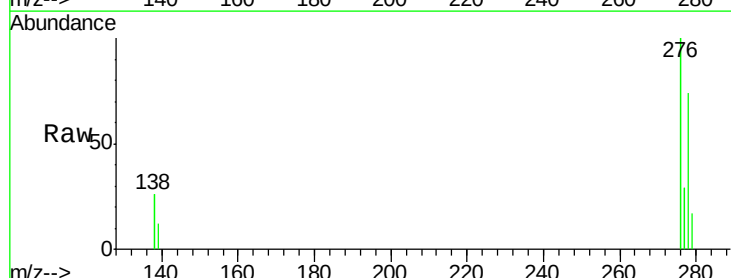
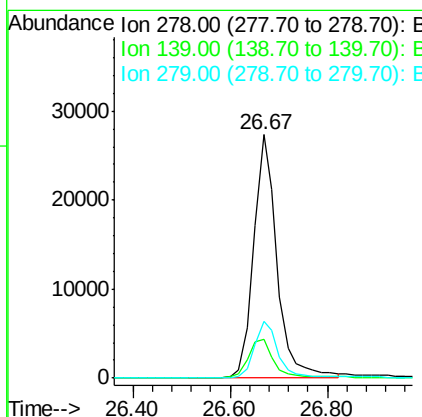
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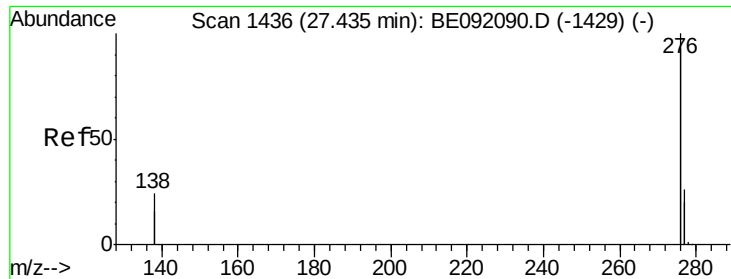
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#44
Dibenzo(a,h)anthracene
Concen: 3.96 ng
RT: 26.67 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BE092098.D
Acq: 1 Aug 2016 19:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	16.7	25.1#
279	23.4	20.3	30.5





#45
 Benzo(a,h,i)perylene
 Concen: 3.87 ng
 RT: 27.42 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BE092098.D
 Acq: 1 Aug 2016 19:02

Instrument :
 BNA_E
 ClientSampleId :
 PB92309BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	22.0	20.8	31.2

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