

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092937.D
 Acq On : 5 May 2017 19:49
 Operator : SJ/MA
 Sample : PB98667BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98667BSD

Manual Integrations
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mohammad
 5/8/2017 2:47:15 PM

Quant Time: May 06 02:05:29 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:05:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	900	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3467	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1442	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3440	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2739	0.40	ng	0.00
33) Perylene-d12	23.69	264	2300	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	801	0.40	ng	0.00
5) Phenol-d6	6.95	99	1042	0.37	ng	0.00
8) Nitrobenzene-d5	8.90	82	900	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1512m	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	72	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2280	0.34	ng	0.00
24) Fluoranthene-d10	19.15	212	2260	0.28	ng	0.00
28) Terphenyl-d14	19.74	244	1853	0.39	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	368	0.21	ng	# 83
3) n-Nitrosodimethylamine	3.61	42	443	0.33	ng	# 86
6) bis(2-Chloroethyl)ether	7.20	93	1021	0.31	ng	97
9) Naphthalene	10.58	128	2960	0.32	ng	# 87
10) Hexachlorobutadiene	10.89	225	416	0.33	ng	94
12) 2-Methylnaphthalene	12.19	142	1850	0.33	ng	# 90
16) Acenaphthylene	14.10	152	7763	0.34	ng	99
17) Acenaphthene	14.44	154	1483	0.33	ng	94
18) Fluorene	15.43	166	1705	0.30	ng	100
20) Hexachlorobenzene	16.47	284	445	0.30	ng	# 100
21) Pentachlorophenol	16.79	266	166	0.60	ng	# 80
22) Phenanthrene	17.18	178	2875	0.30	ng	97
23) Anthracene	17.27	178	2290	0.31	ng	100
25) Fluoranthene	19.17	202	11682	0.28	ng	# 98
27) Pyrene	19.53	202	12155	0.34	ng	# 97
29) Benzo(a)anthracene	21.25	228	2222	0.35	ng	# 89
30) Chrysene	21.30	228	2770m	0.34	ng	
31) Bis(2-ethylhexyl)phthalate	21.20	149	559	0.32	ng	# 95
32) Indeno(1,2,3-cd)pyrene	26.22	276	11293	0.38	ng	99
34) Benzo(b)fluoranthene	22.95	252	2438	0.32	ng	# 86
35) Benzo(k)fluoranthene	22.99	252	2411	0.32	ng	# 82
36) Benzo(a)pyrene	23.58	252	2101	0.34	ng	# 78
37) Dibenzo(a,h)anthracene	26.25	278	2365	0.34	ng	# 80
38) Benzo(g,h,i)perylene	26.99	276	10147	0.35	ng	# 82

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

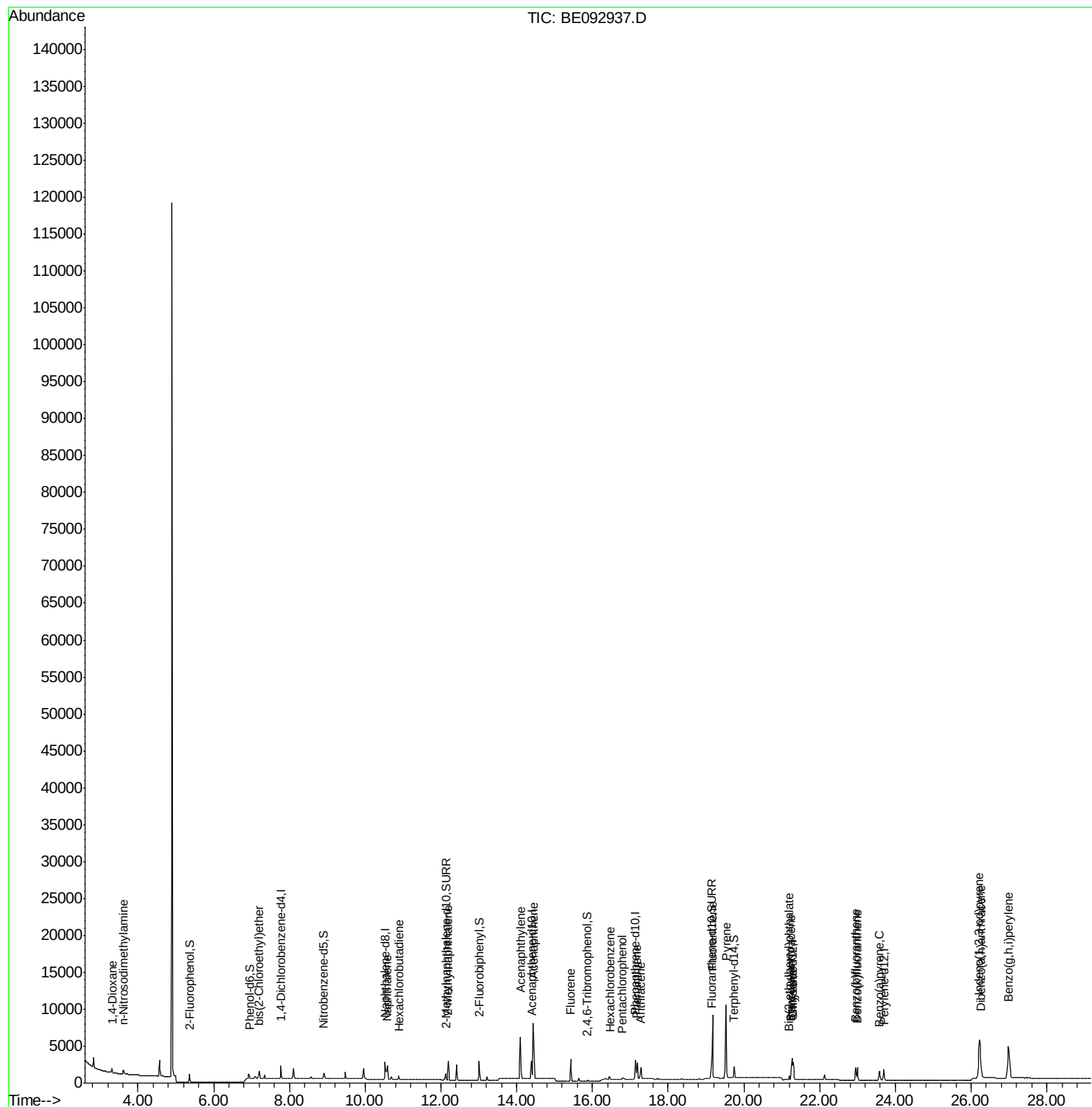
Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
Data File : BE092937.D
Acq On : 5 May 2017 19:49
Operator : SJ/MA
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Misc :
ALS Vial : 5 Sample Multiplier: 1

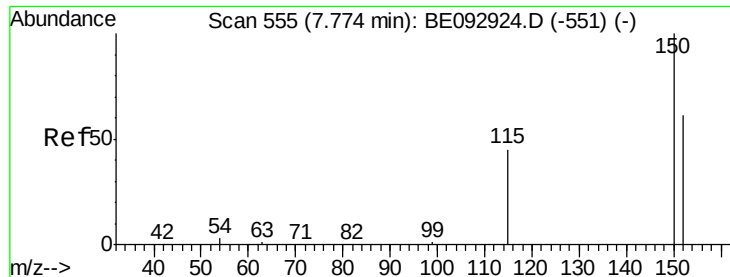
Instrument :
BNA_E
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PB98667BSD

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5/8/2017 2:47:15 PM

Quant Time: May 06 02:05:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:05:07 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

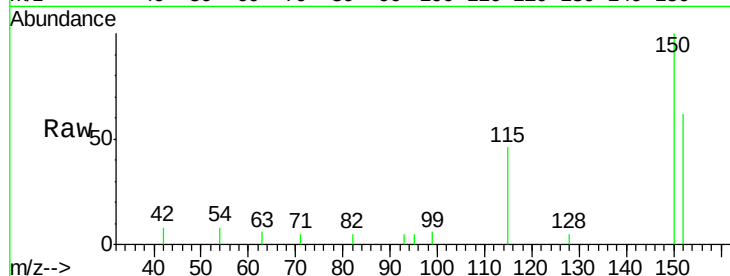
ClientSampleId :

PB98667BSD

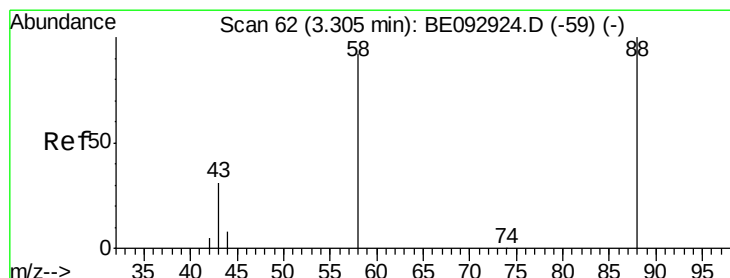
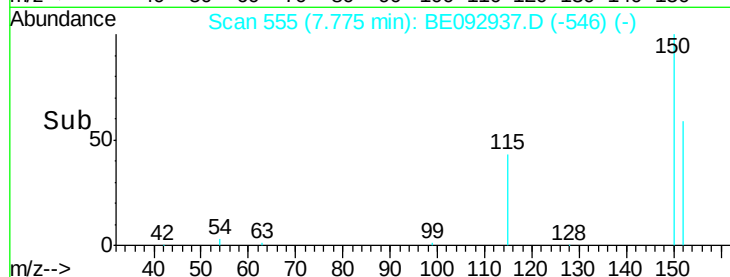
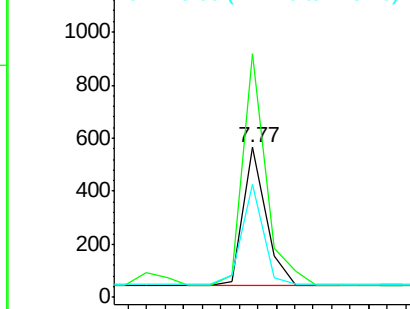
Tgt Ion:	152	Resp:	900
Ion	Ratio	Lower	Upper
152	100		
150	162.5	129.9	194.9
115	75.4	62.6	93.8

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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: 0.21 ng

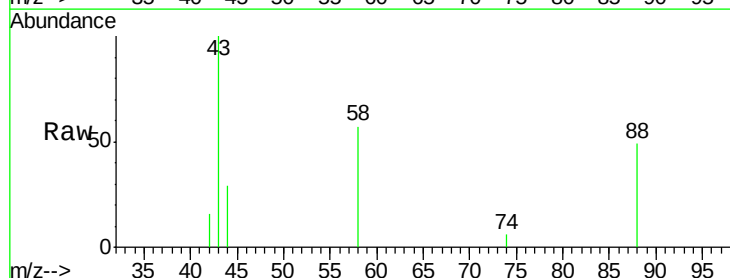
RT: 3.32 min Scan# 63

Delta R.T. 0.01 min

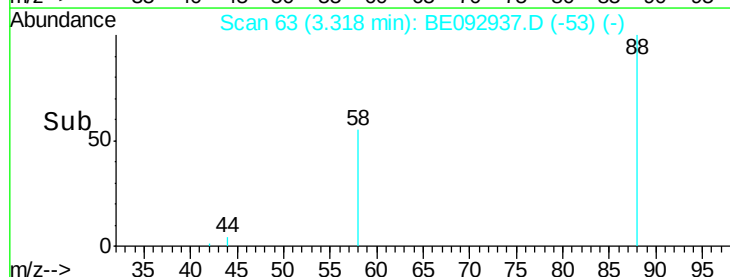
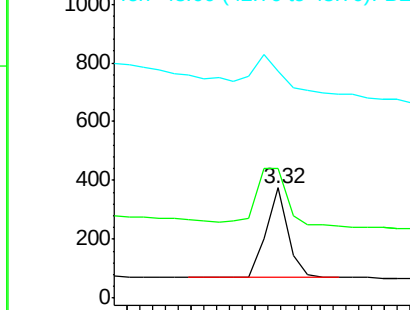
Lab File: BE092937.D

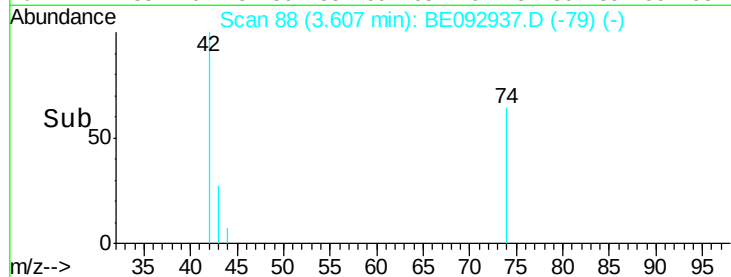
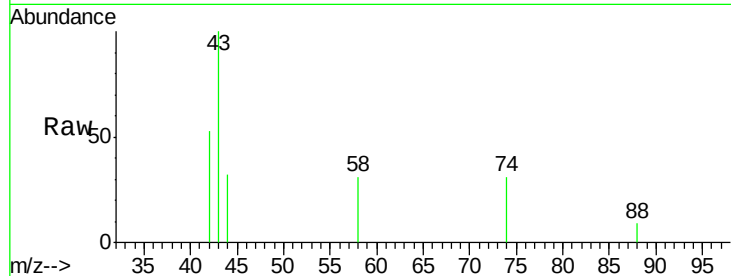
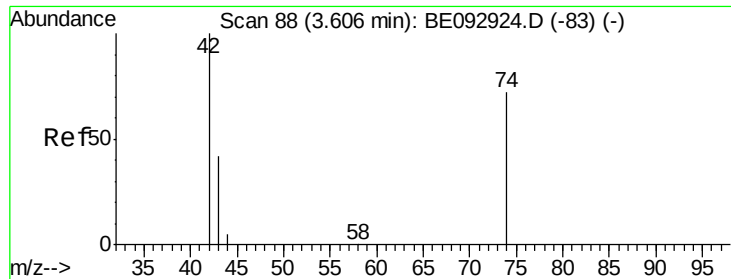
Acq: 5 May 2017 19:49

Tgt Ion:	88	Resp:	368
Ion	Ratio	Lower	Upper
88	100		
58	87.0	64.9	97.3
43	57.9	26.6	40.0#



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





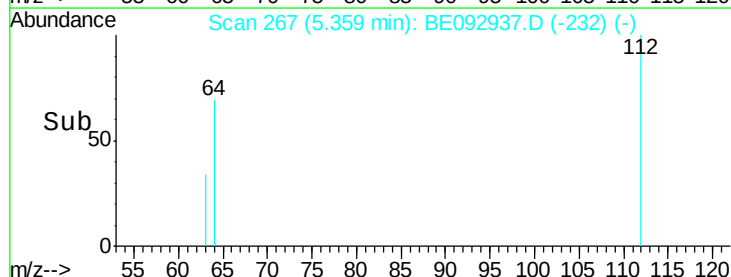
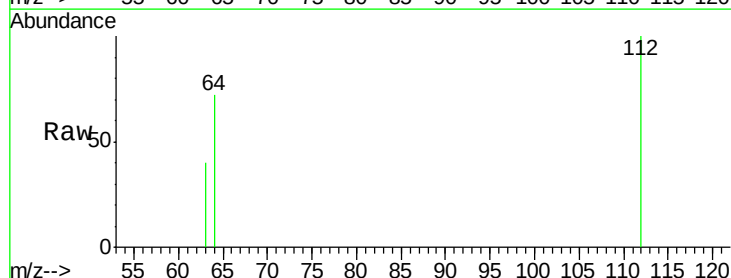
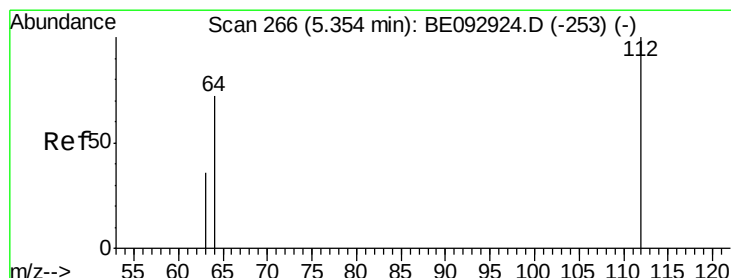
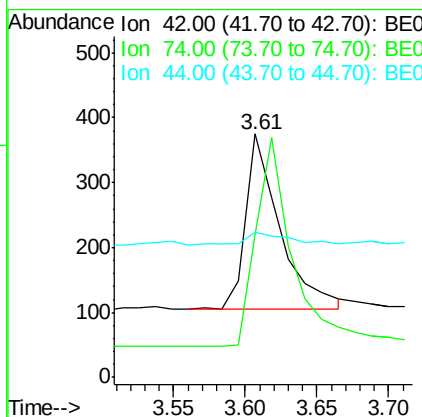
#3
n-Nitrosodimethylamine
Concen: 0.33 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Tgt Ion: 42 Resp: 443
Ion Ratio Lower Upper
42 100
74 124.6 106.6 160.0
44 7.4 25.7 38.5#

Instrument :
BNA_E
ClientSampleId :
PB98667BSD

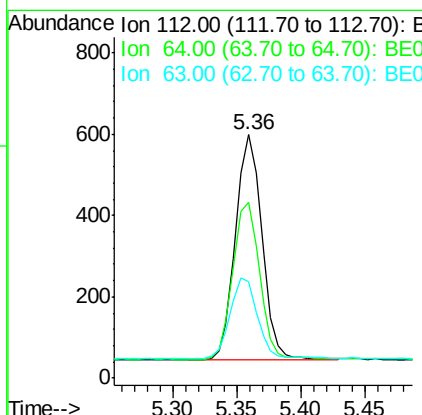
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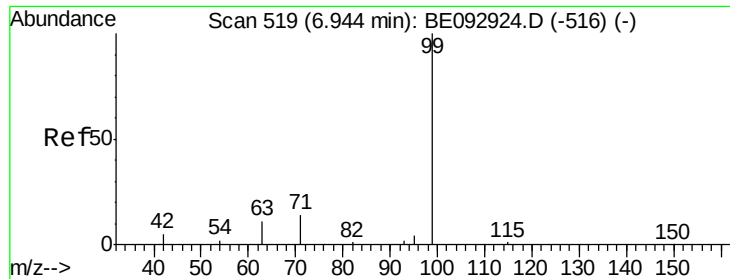
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#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Tgt Ion: 112 Resp: 801
Ion Ratio Lower Upper
112 100
64 70.4 52.6 79.0
63 36.0 29.0 43.4





#5

Phenol-d6

Concen: 0.37 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

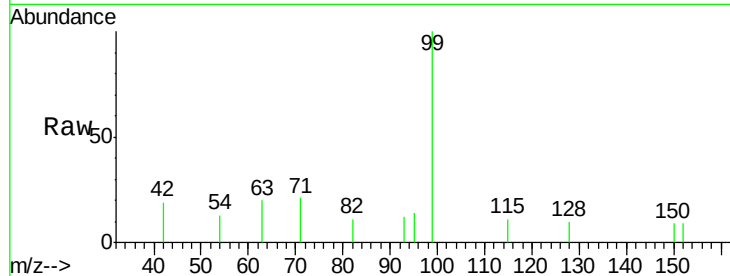
ClientSampleId :

PB98667BSD

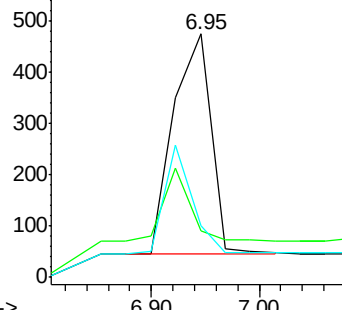
Tgt Ion:	99	Resp:	1042
Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

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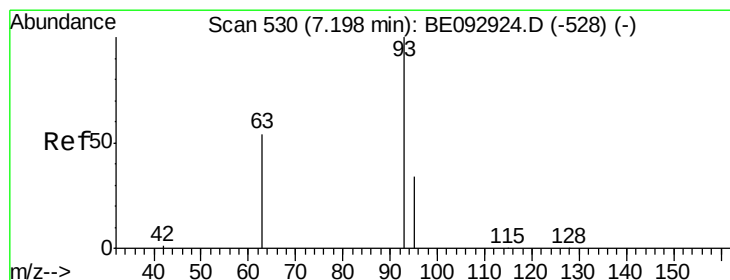
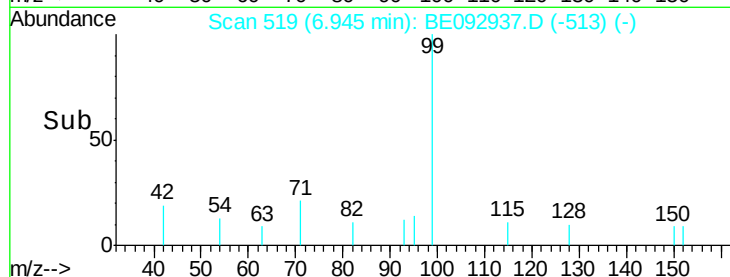
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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.31 ng

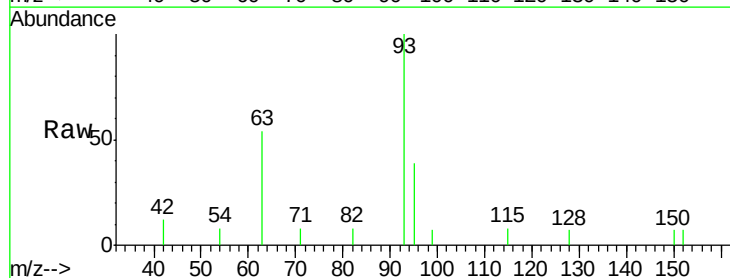
RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

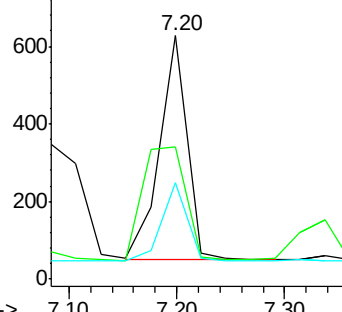
Lab File: BE092937.D

Acq: 5 May 2017 19:49

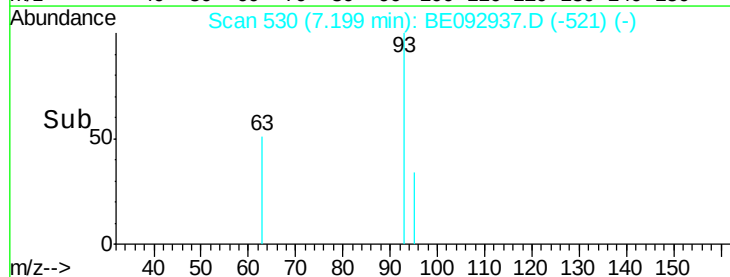
Tgt Ion:	93	Resp:	1021
Ion	Ratio	Lower	Upper
93	100		
63	79.7	61.2	91.8
95	32.2	25.5	38.3

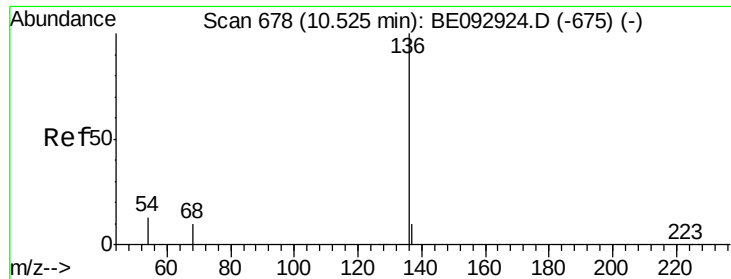


Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

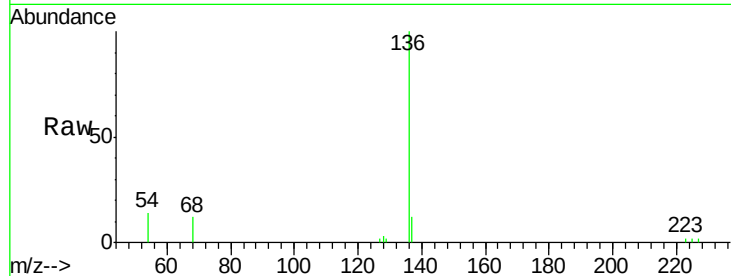
ClientSampleId :

PB98667BSD

Tgt Ion:	136	Resp:	3467
Ion Ratio	Lower	Upper	
136	100		
137	11.9	10.4	15.6
54	14.0	12.6	18.8
68	12.0	10.7	16.1

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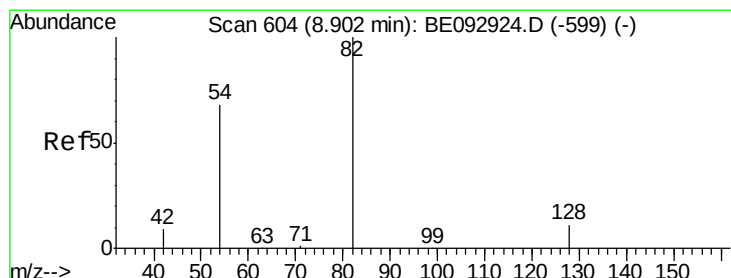
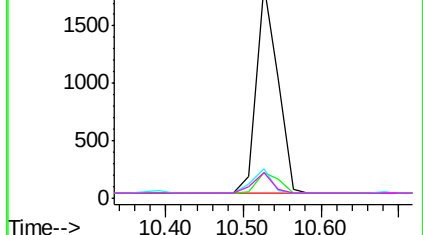
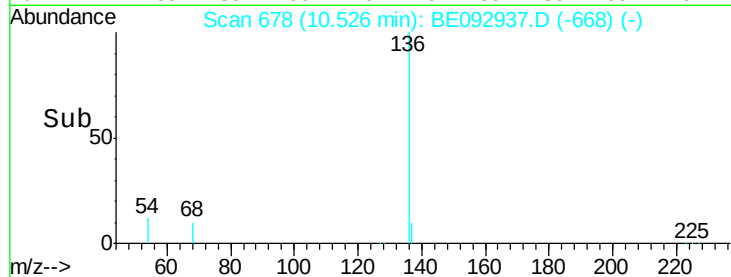


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

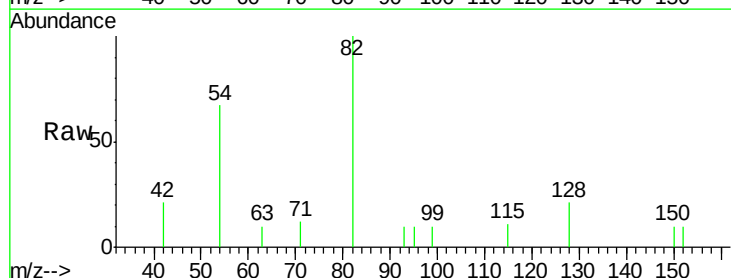
RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

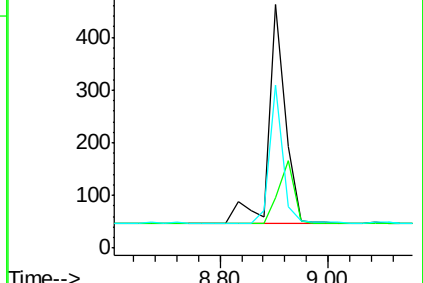
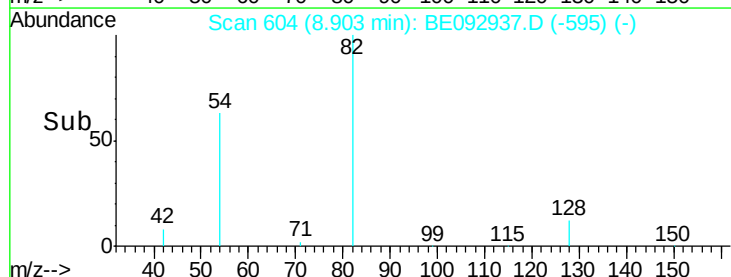
Tgt Ion:	82	Resp:	900
Ion Ratio	Lower	Upper	
82	100		
128	20.6	35.3	52.9#
54	67.1	65.1	97.7

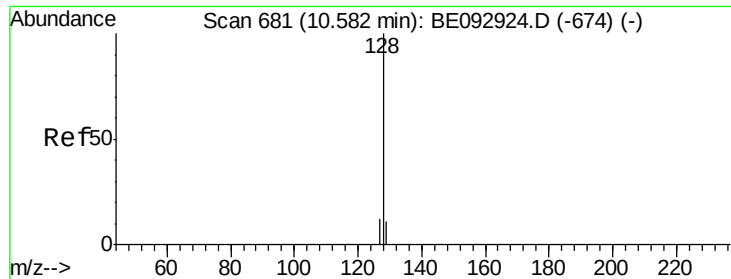


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.32 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

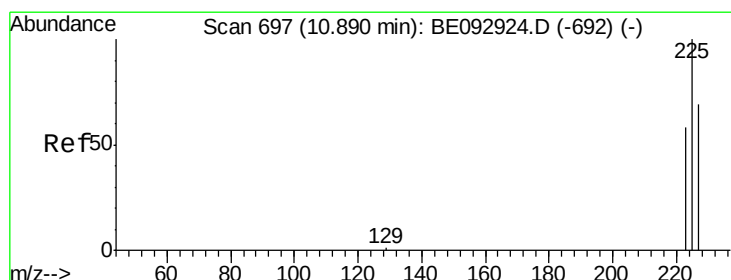
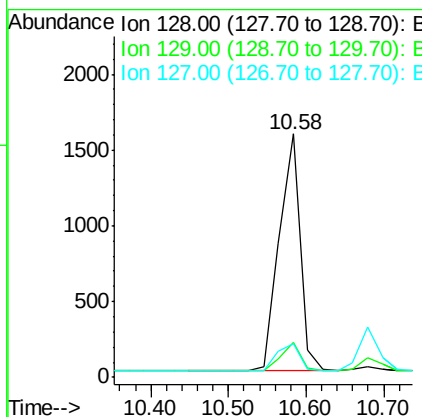
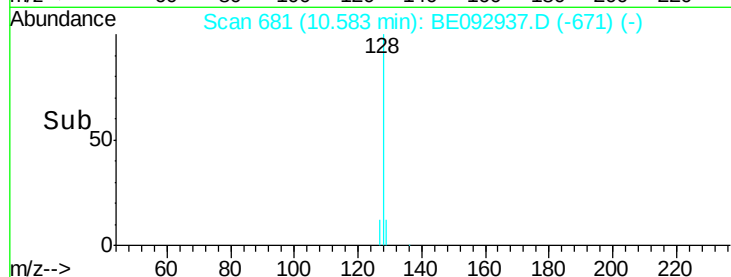
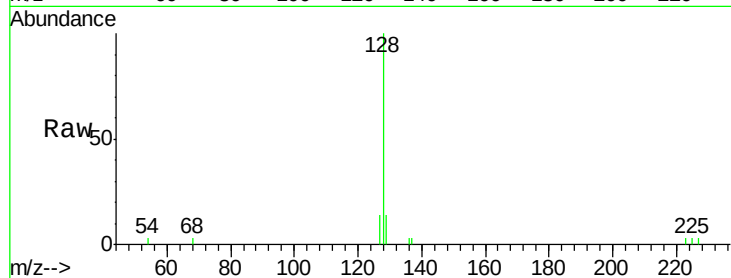
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Tgt Ion:	128	Resp:	2960
Ion Ratio	Lower	Upper	
128	100		
129	14.3	15.8	23.8#
127	14.1	16.0	24.0#

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#10

Hexachlorobutadiene

Concen: 0.33 ng

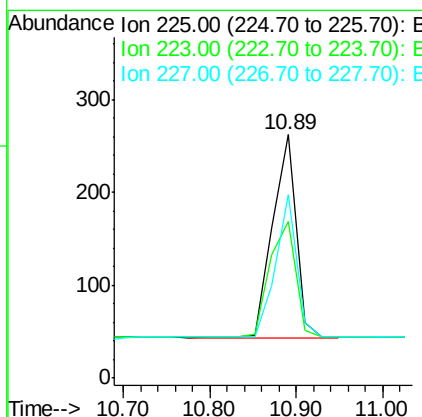
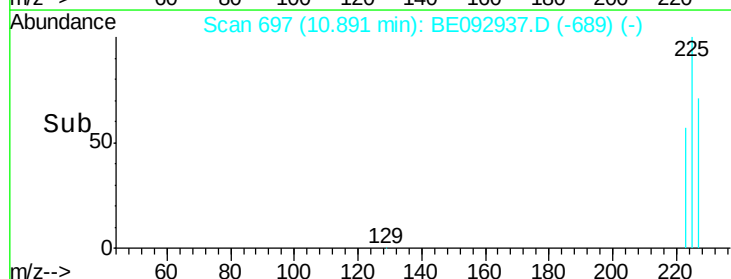
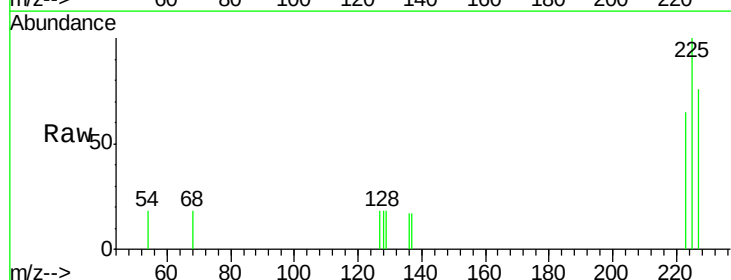
RT: 10.89 min Scan# 697

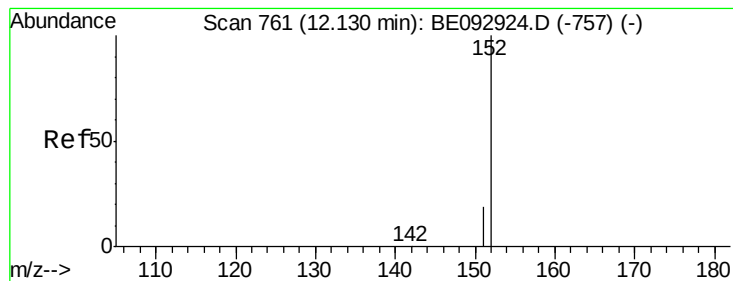
Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Tgt Ion:	225	Resp:	416
Ion Ratio	Lower	Upper	
225	100		
223	62.7	55.4	83.2
227	62.3	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.29 ng m

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:152 Resp: 1512

Ion Ratio Lower Upper

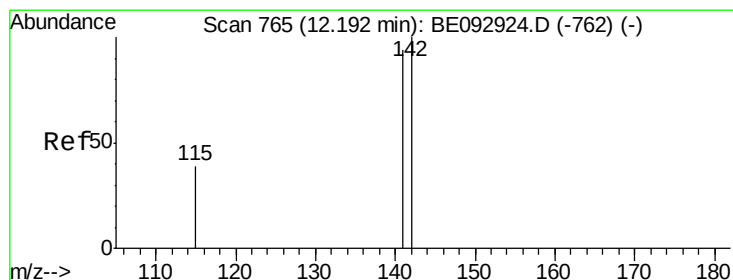
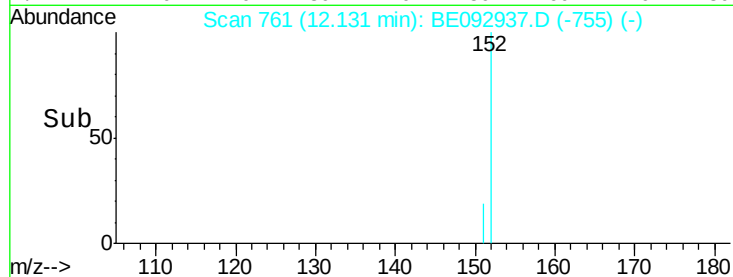
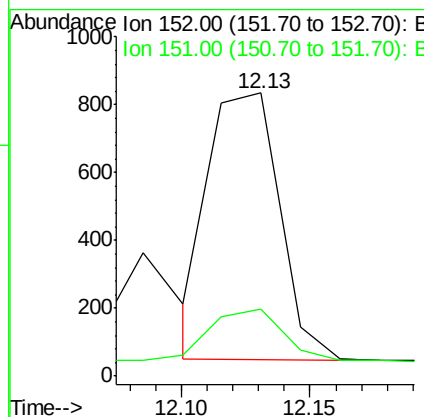
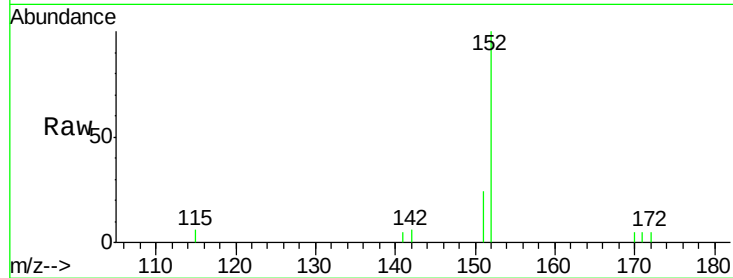
152 100

151 20.3 15.7 23.5

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#12

2-Methylnaphthalene

Concen: 0.33 ng

RT: 12.19 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

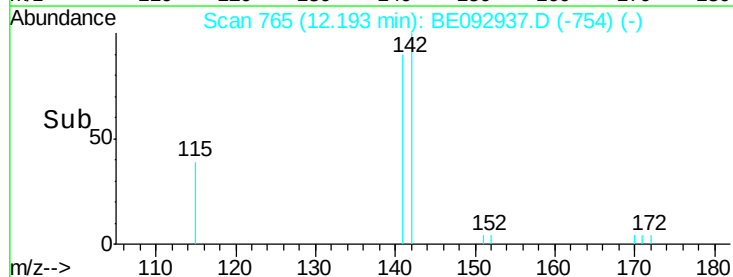
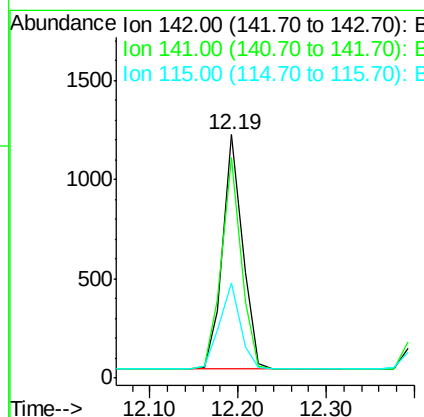
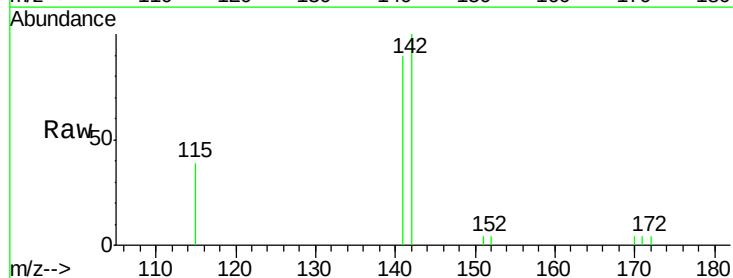
Tgt Ion:142 Resp: 1850

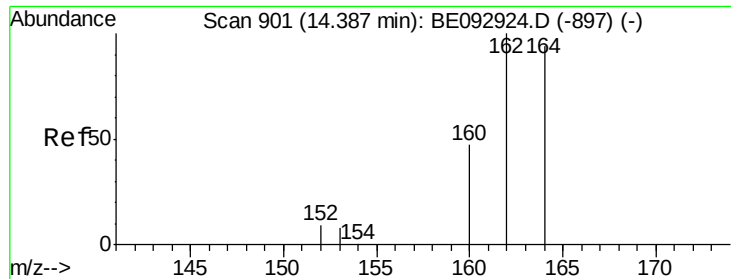
Ion Ratio Lower Upper

142 100

141 90.5 76.0 114.0

115 39.1 41.6 62.4#





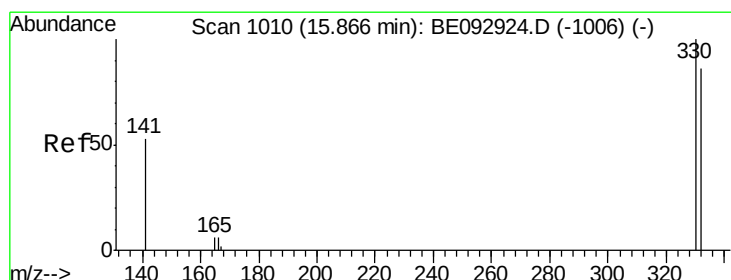
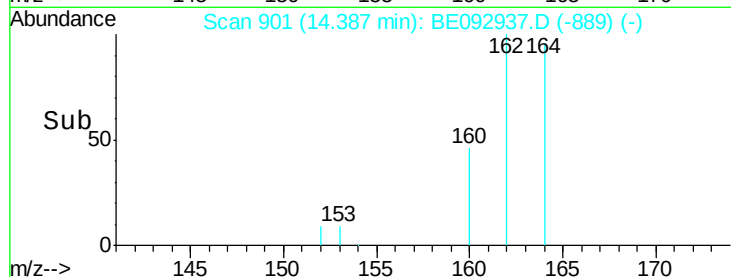
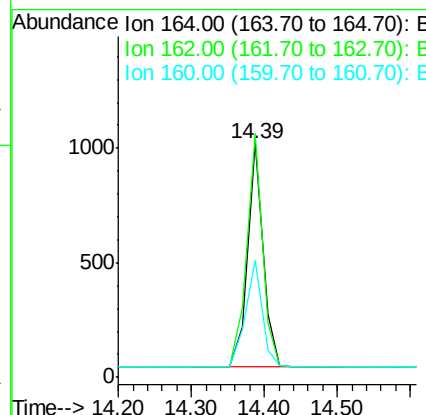
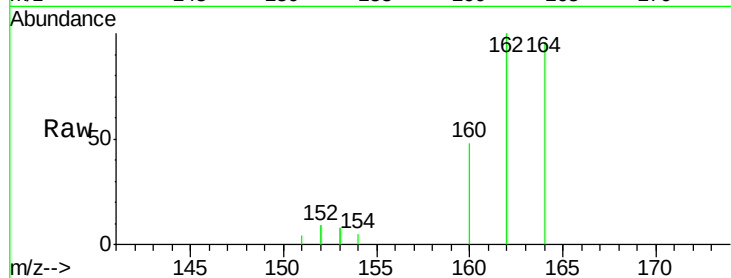
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Instrument :
BNA_E
ClientSampled :
PB98667BSD

Tgt Ion:164 Resp: 1442
Ion Ratio Lower Upper
164 100
162 103.8 86.6 130.0
160 49.7 44.5 66.7

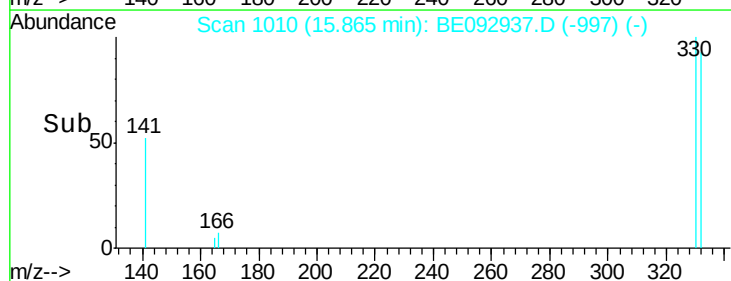
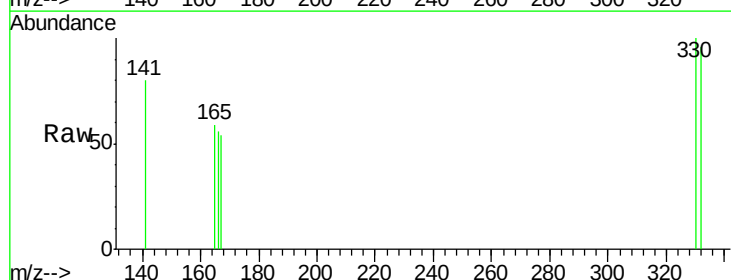
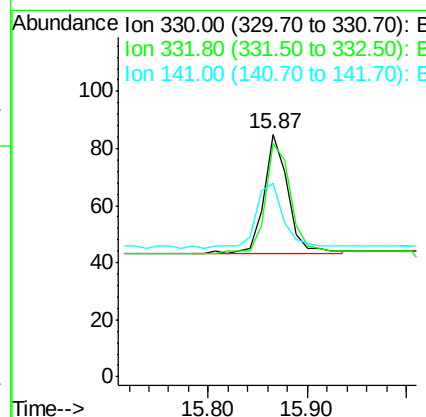
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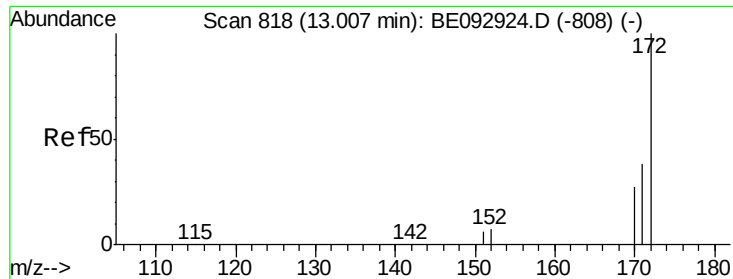
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Tgt Ion:330 Resp: 72
Ion Ratio Lower Upper
330 100
332 98.6 69.1 103.7
141 68.1 54.6 81.8





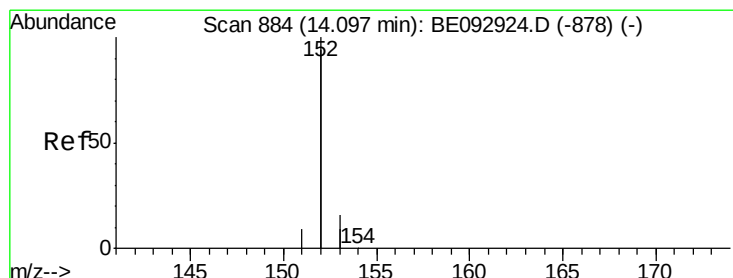
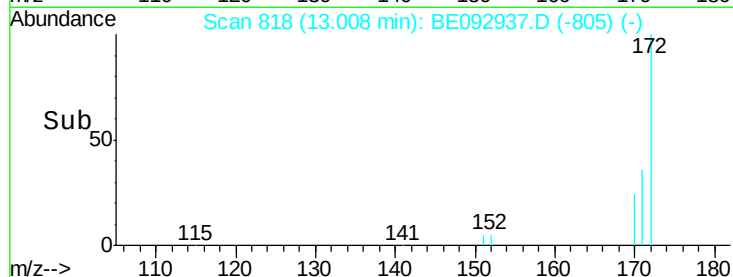
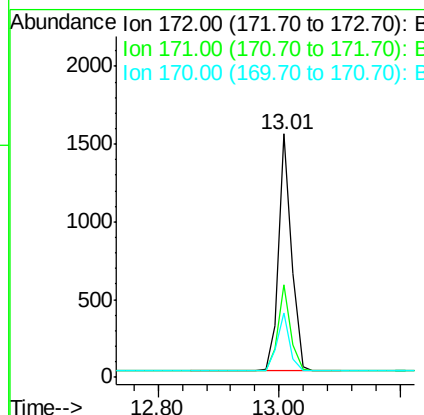
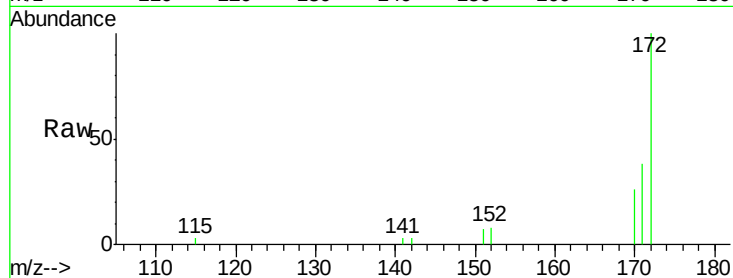
#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Instrument :
BNA_E
ClientSampleId :
PB98667BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	35.8	53.6
170	26.3	28.5	42.7

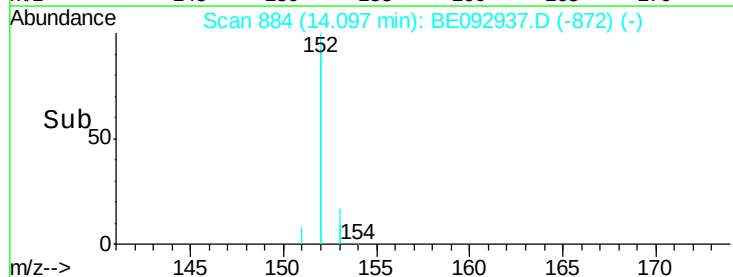
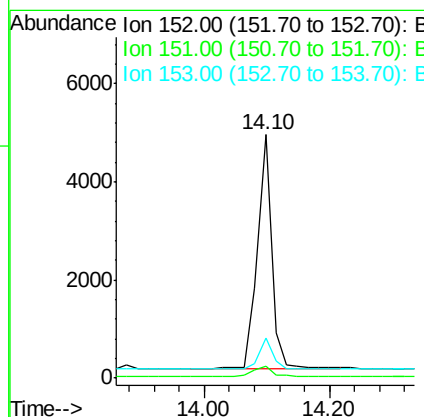
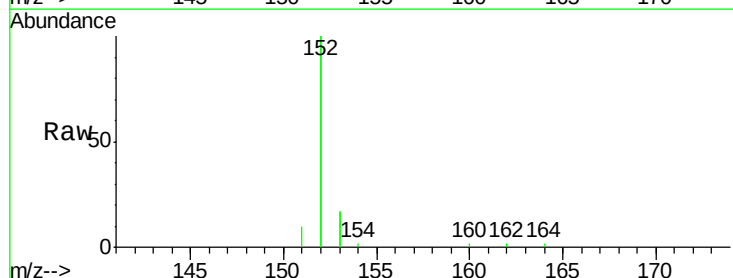
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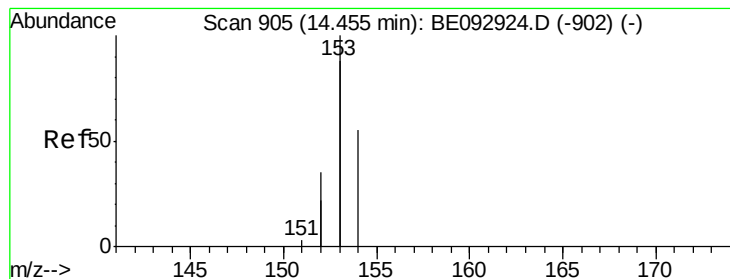
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#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.1	10.0	15.0





#17

Acenaphthene

Concen: 0.33 ng

RT: 14.44 min Scan# 904

Delta R.T. -0.02 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

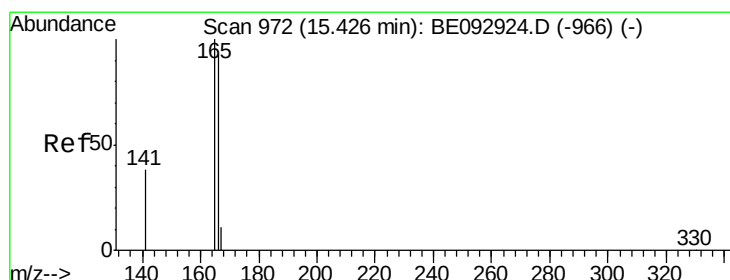
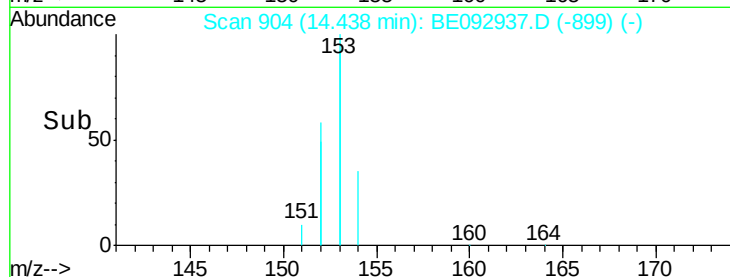
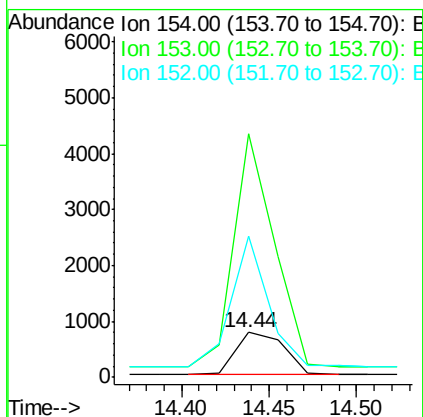
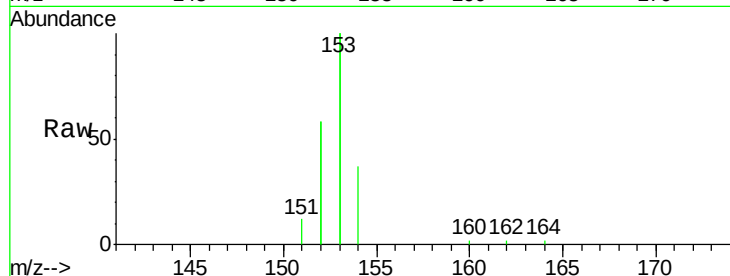
ClientSampleId :

PB98667BSD

Tgt Ion:	154	Resp:	1483
Ion	Ratio	Lower	Upper
154	100		
153	456.8	355.6	533.4
152	233.5	177.8	266.8

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#18

Fluorene

Concen: 0.30 ng

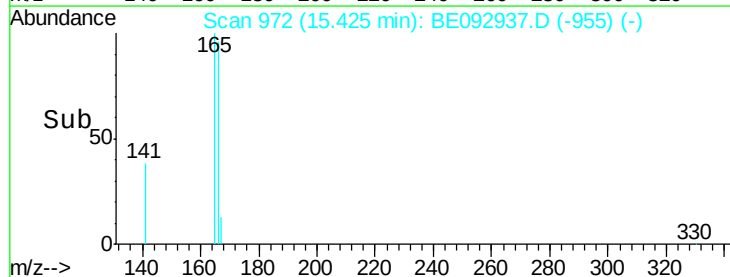
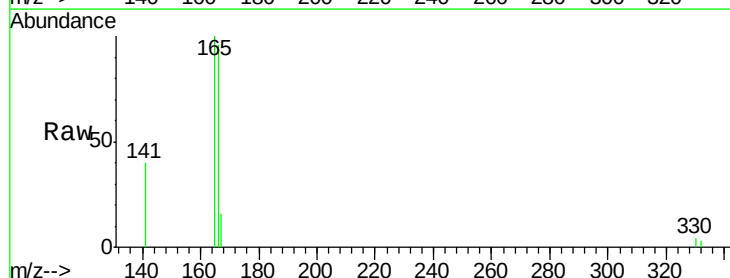
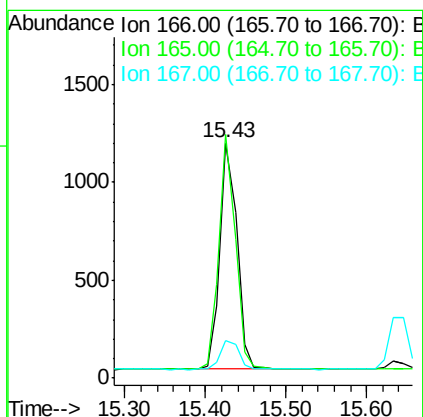
RT: 15.43 min Scan# 972

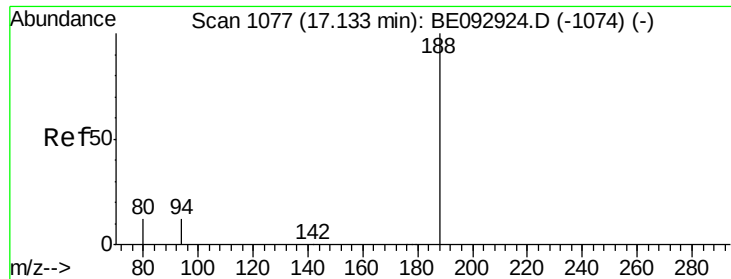
Delta R.T. -0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Tgt Ion:	166	Resp:	1705
Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.7	121.1
167	14.5	11.3	16.9





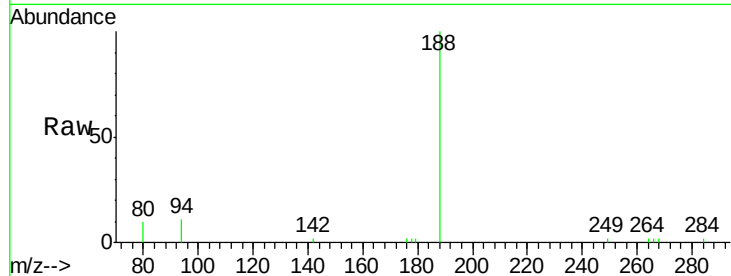
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Instrument :
BNA_E
ClientSampleId :
PB98667BSD

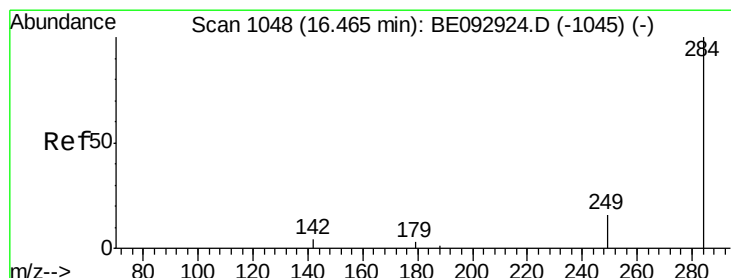
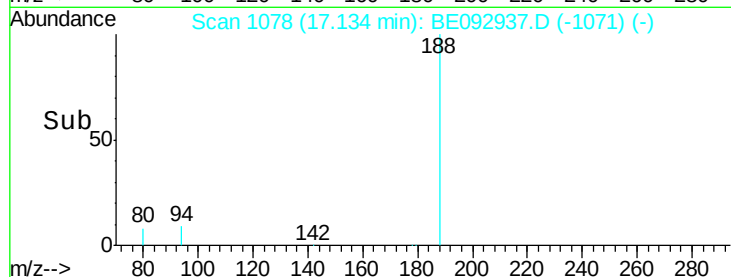
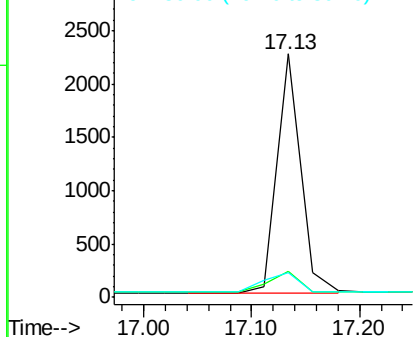
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	10.2	15.4
80	10.2	10.6	15.8

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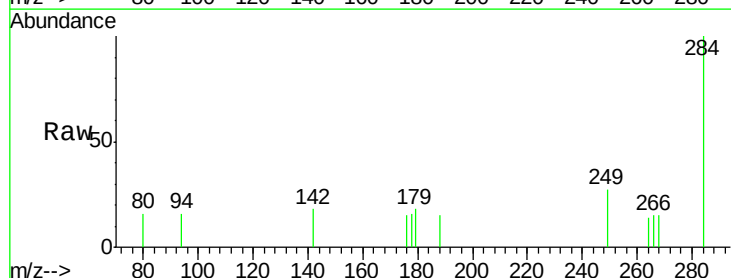


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

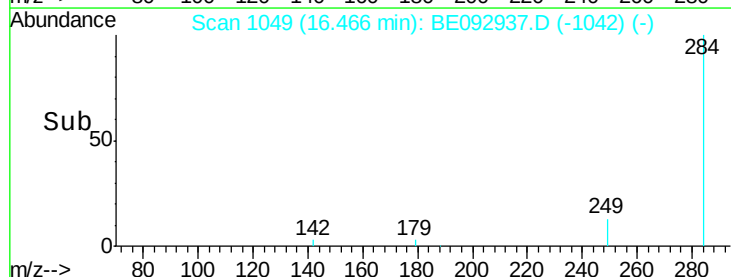
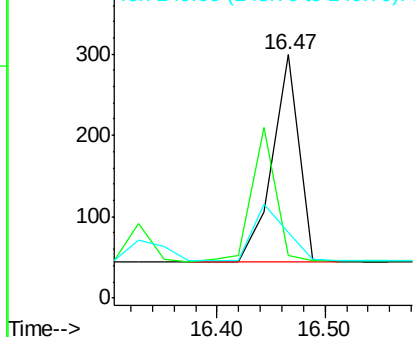


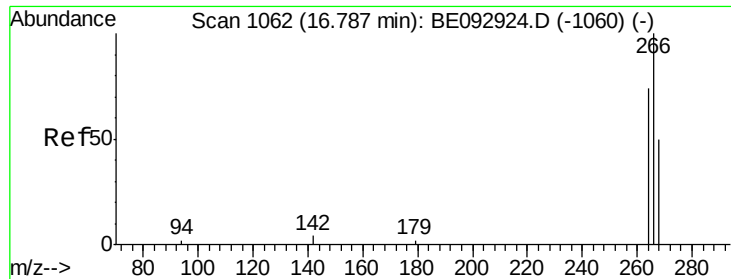
#20
Hexachlorobenzene
Concen: 0.30 ng
RT: 16.47 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

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



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





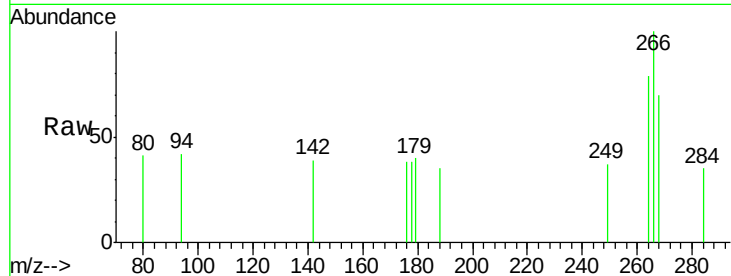
#21
 Pentachlorophenol
 Concen: 0.60 ng
 RT: 16.79 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BE092937.D
 Acq: 5 May 2017 19:49

Instrument :
 BNA_E
 ClientSampleId :
 PB98667BSD

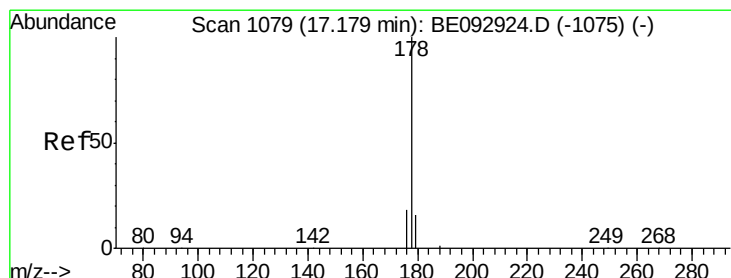
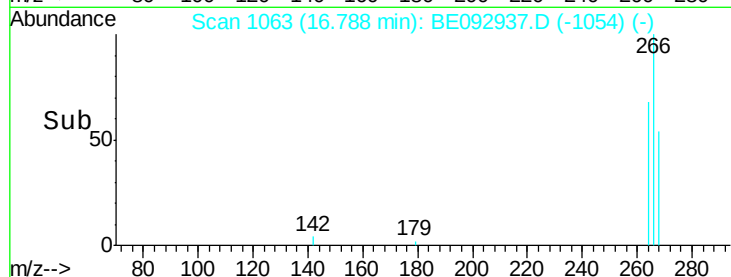
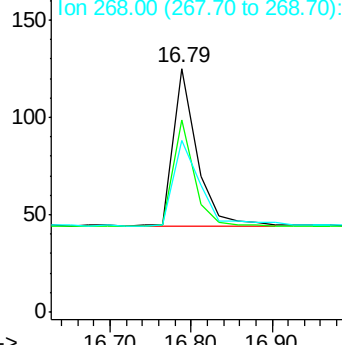
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	166		
264	79.2		75.4	113.2
268	70.4		75.4	113.2#

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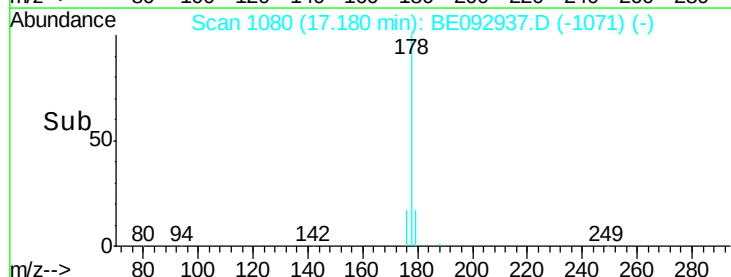
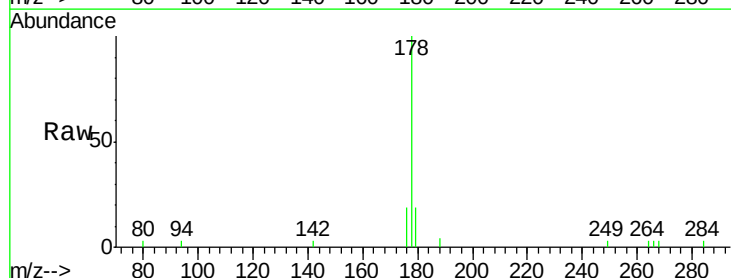
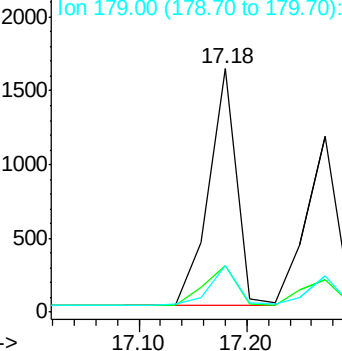
Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

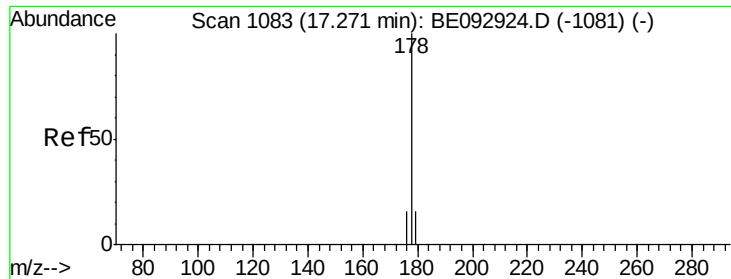


#22
 Phenanthrene
 Concen: 0.30 ng
 RT: 17.18 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BE092937.D
 Acq: 5 May 2017 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2875		
176	19.0		14.2	21.4
179	16.0		13.6	20.4

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





#23

Anthracene

Concen: 0.31 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

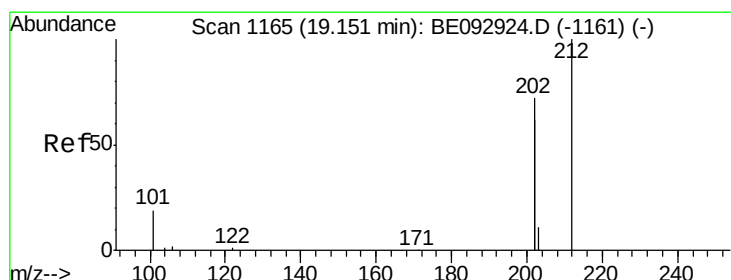
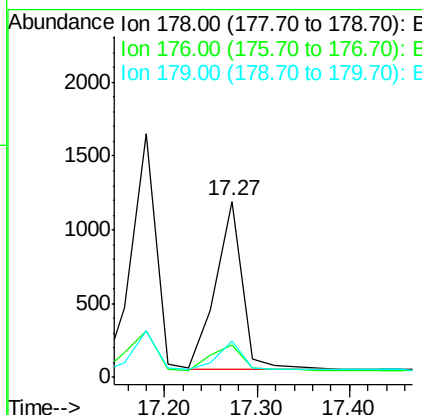
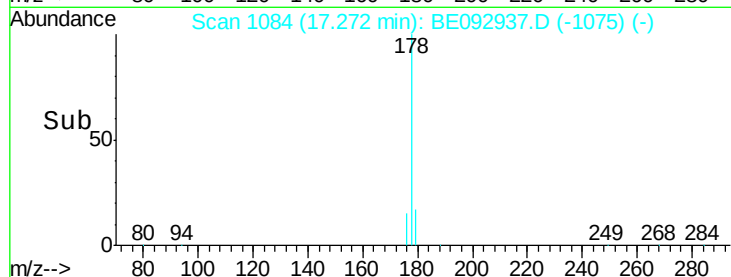
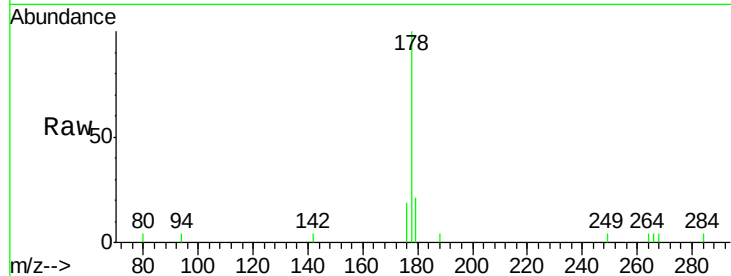
ClientSampleId :

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Tgt Ion:	178	Resp:	2290
Ion Ratio	Lower	Upper	
178	100		
176	18.2	14.7	22.1
179	16.1	12.8	19.2

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#24

Fluoranthene-d10

Concen: 0.28 ng

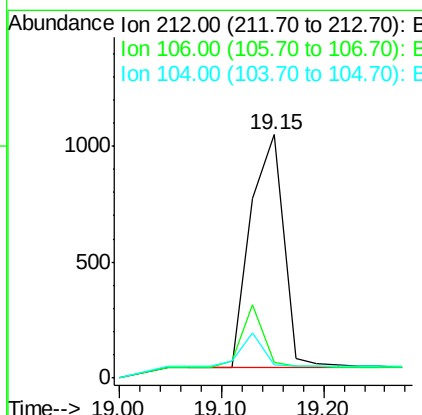
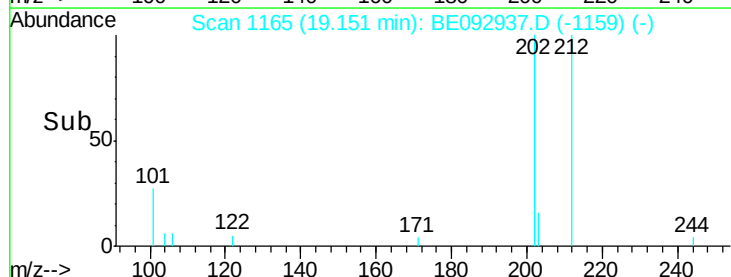
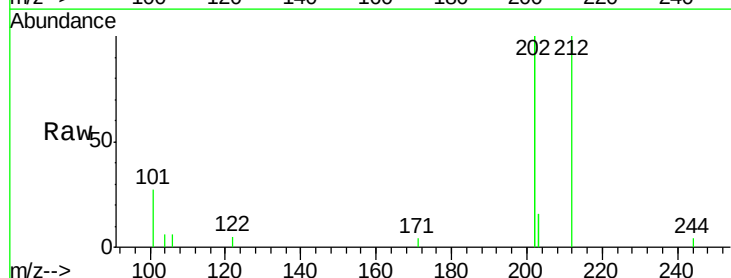
RT: 19.15 min Scan# 1165

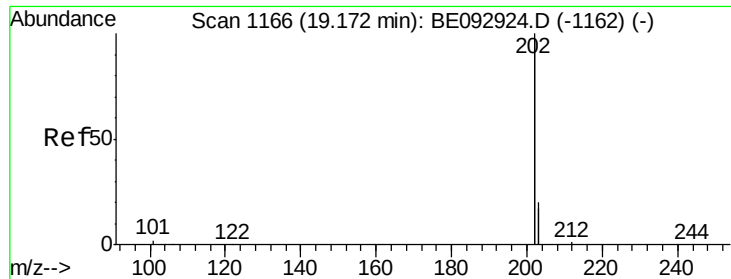
Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Tgt Ion:	212	Resp:	2260
Ion Ratio	Lower	Upper	
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0





#25

Fluoranthene

Concen: 0.28 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

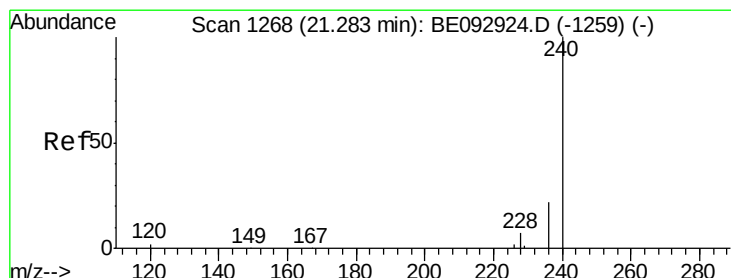
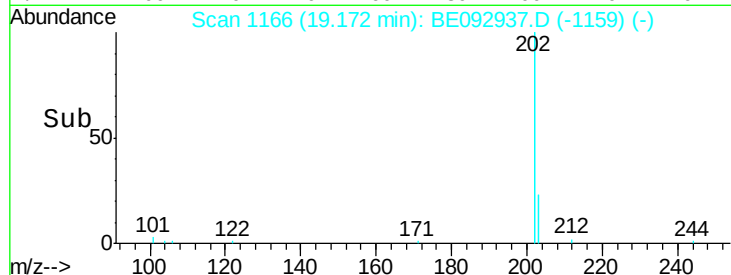
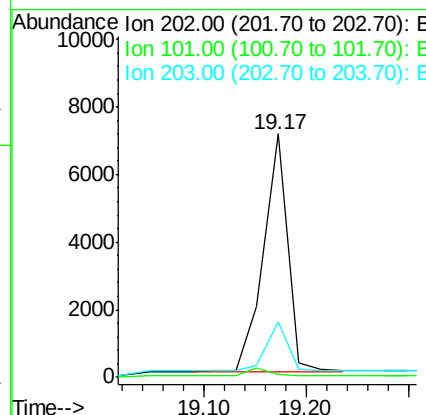
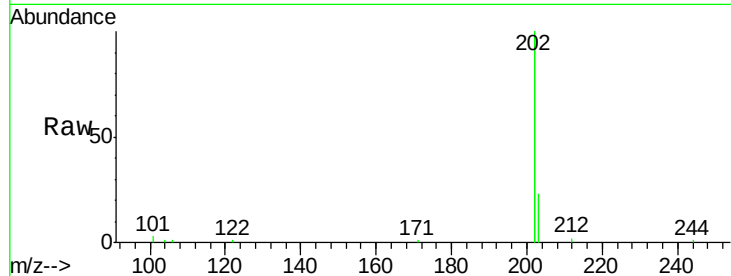
ClientSampleId :

PB98667BSD

Tgt Ion:	202	Resp:	11682
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	0.0
203	18.4	15.3	22.9

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#26

Chrysene-d12

Concen: 0.40 ng

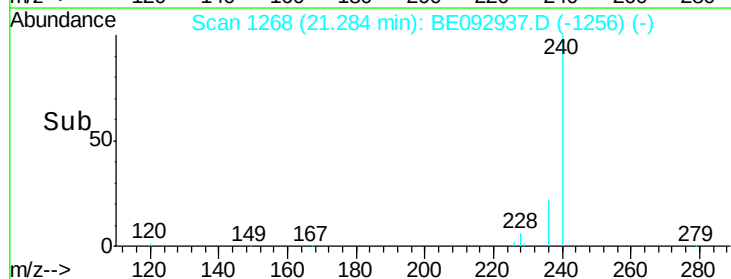
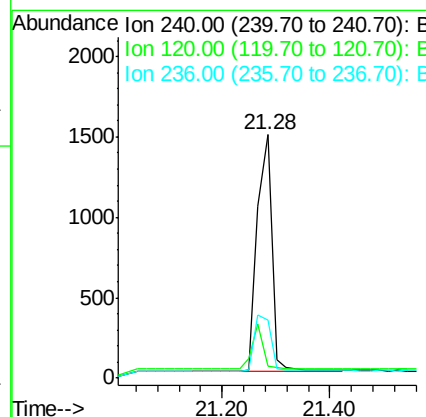
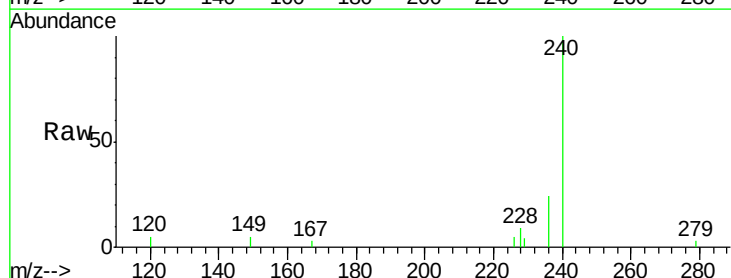
RT: 21.28 min Scan# 1268

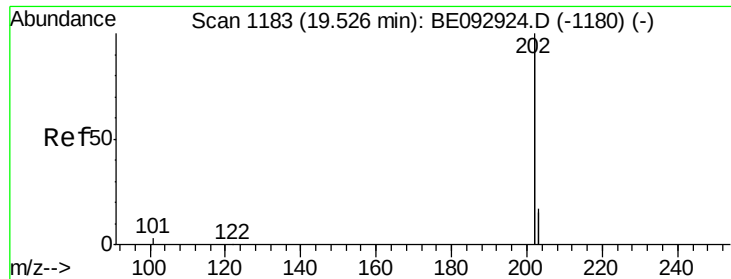
Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Tgt Ion:	240	Resp:	2739
Ion Ratio	Lower	Upper	
240	100		
120	5.2	4.6	6.8
236	23.9	19.8	29.8





#27

Pyrene

Concen: 0.34 ng

RT: 19.53 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

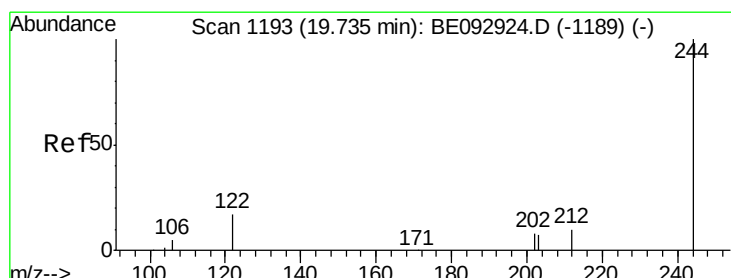
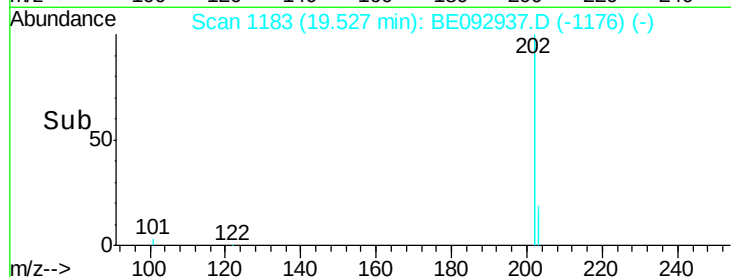
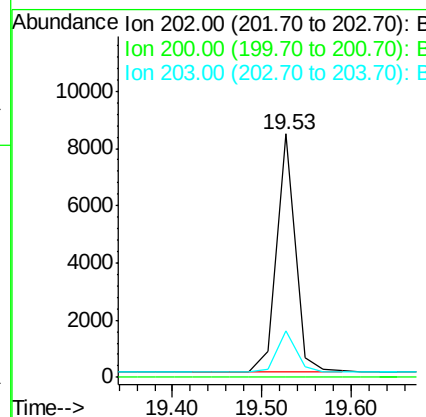
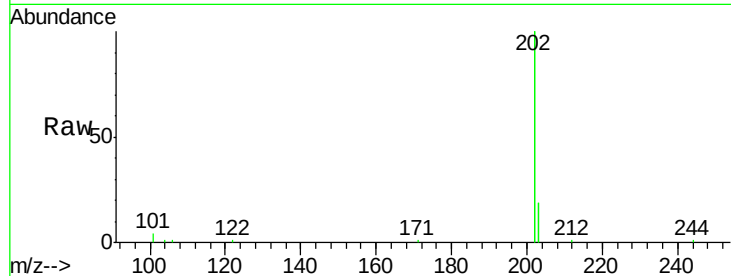
ClientSampleId :

PB98667BSD

Tgt Ion:	202	Resp:	12155
Ion Ratio	Lower	Upper	
202	100		
200	0.0	0.0	0.0
203	18.1	13.5	20.3

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#28

Terphenyl-d14

Concen: 0.39 ng

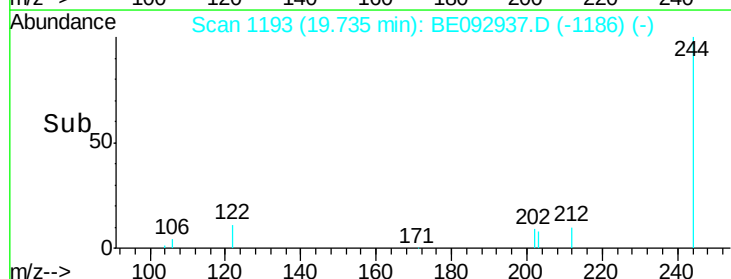
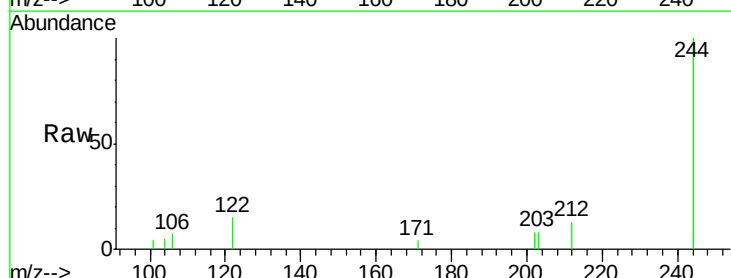
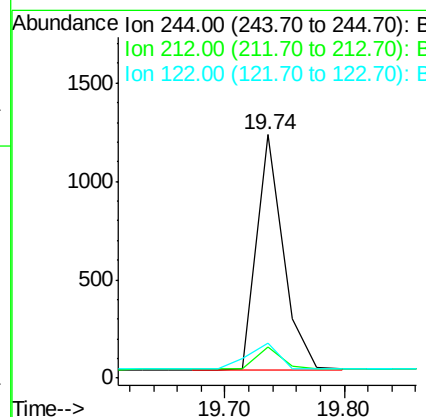
RT: 19.74 min Scan# 1193

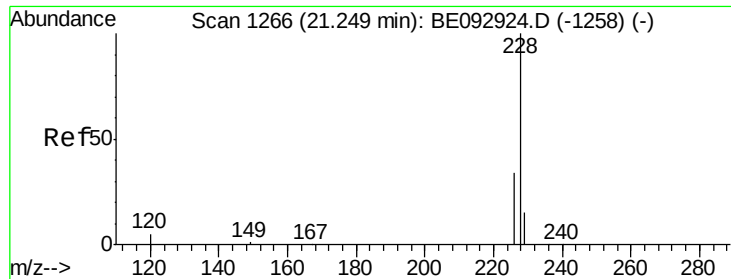
Delta R.T. 0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Tgt Ion:	244	Resp:	1853
Ion Ratio	Lower	Upper	
244	100		
212	12.8	18.4	27.6#
122	14.6	23.3	34.9#





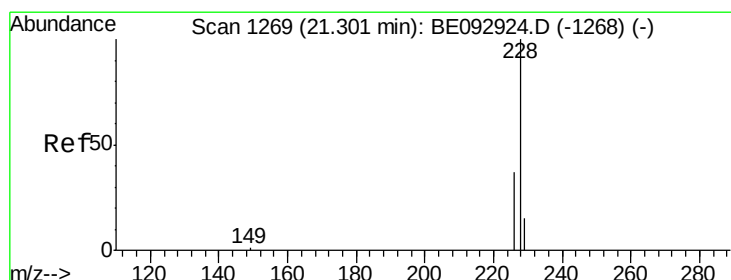
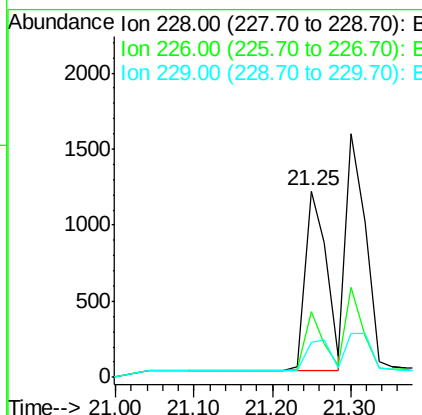
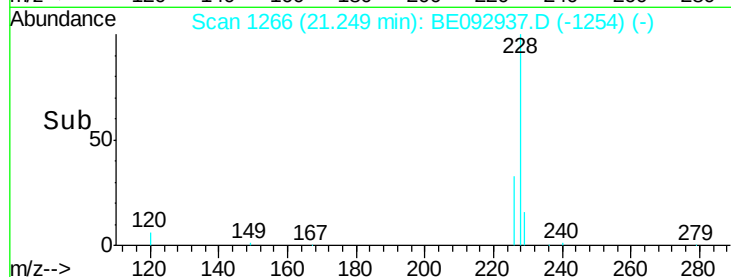
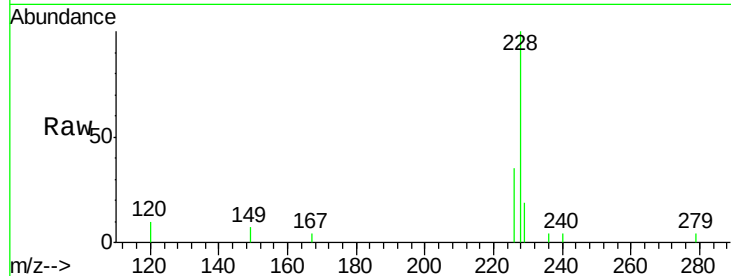
#29
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.25 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Instrument :
BNA_E
ClientSampleId :
PB98667BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.1	32.0	48.0
229	18.9	21.4	32.0

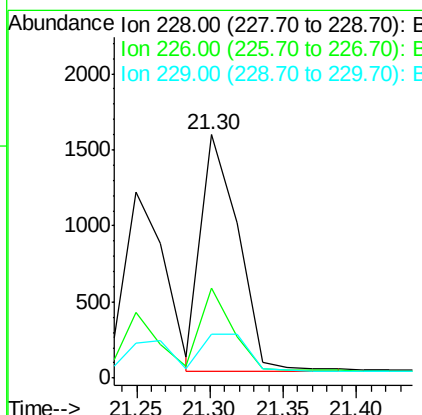
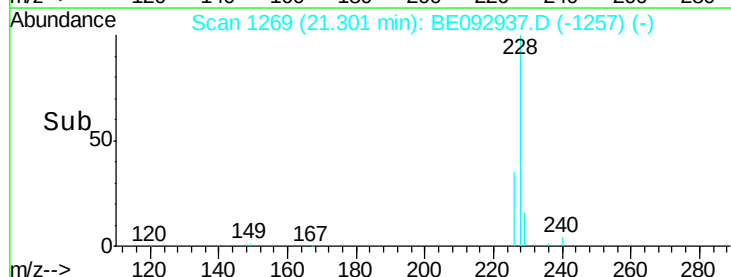
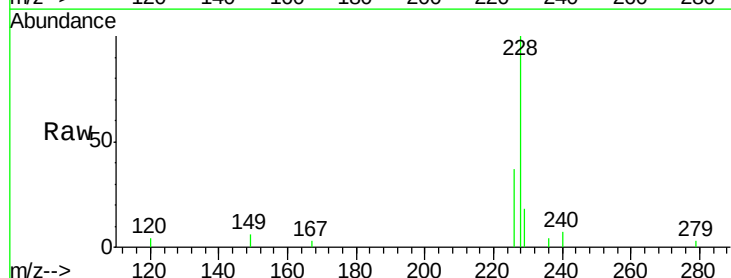
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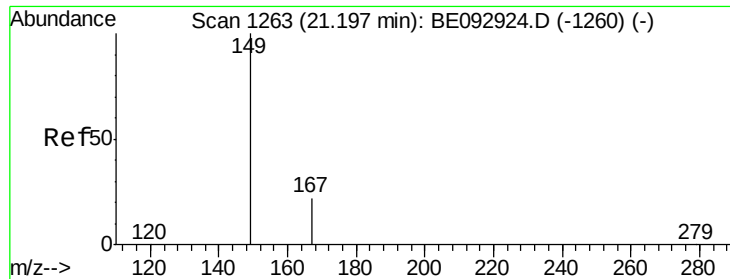
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#30
Chrysene
Concen: 0.34 ng m
RT: 21.30 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.1	34.2	51.2
229	18.1	18.6	28.0





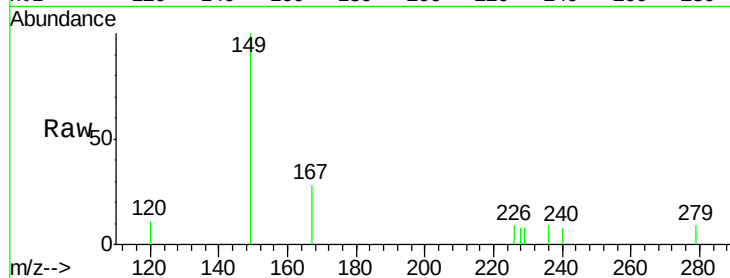
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.32 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092937.D
 Acq: 5 May 2017 19:49

Instrument :
 BNA_E
 ClientSampleId :
 PB98667BSD

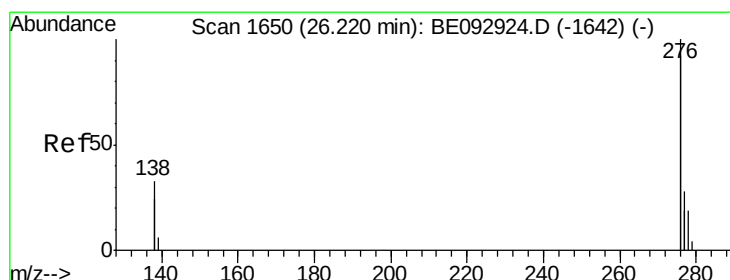
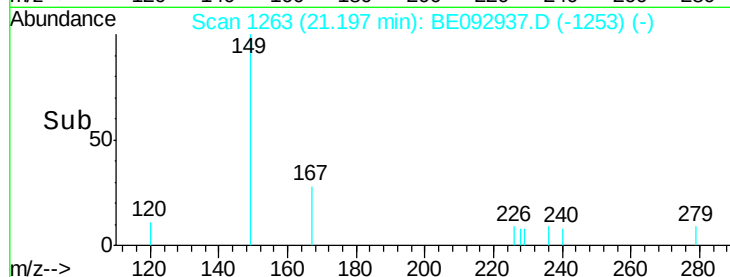
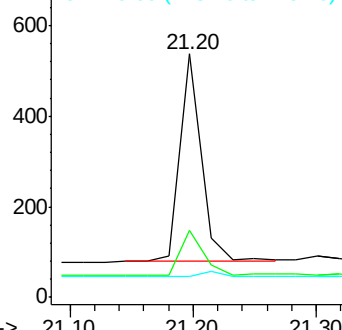
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	559		
167	23.6		20.9	31.3
279	0.0		0.0	0.0

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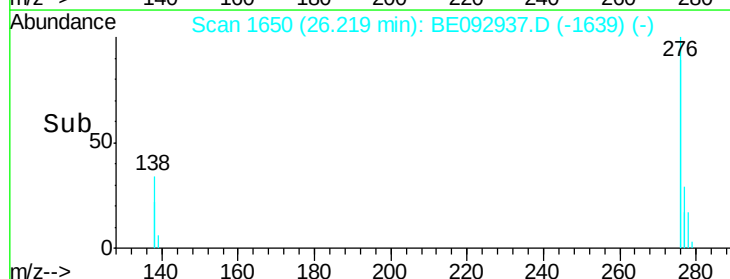
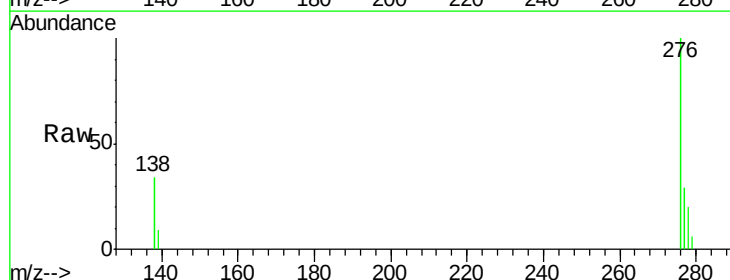
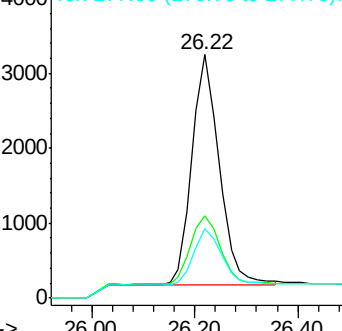
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

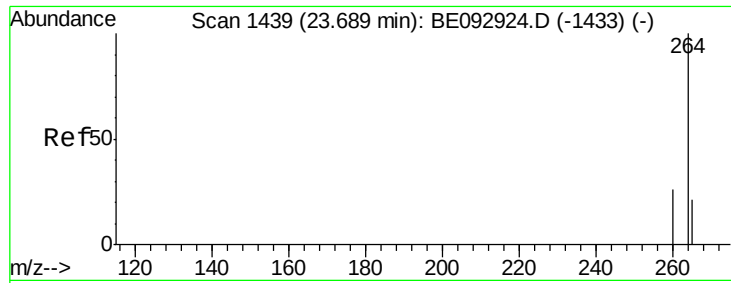


#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.38 ng
 RT: 26.22 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BE092937.D
 Acq: 5 May 2017 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	11293		
138	32.7		25.8	38.6
277	25.0		20.2	30.4

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





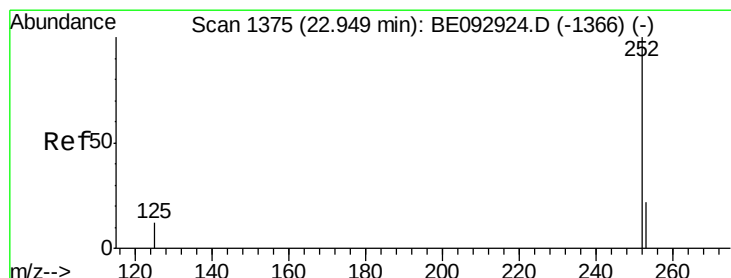
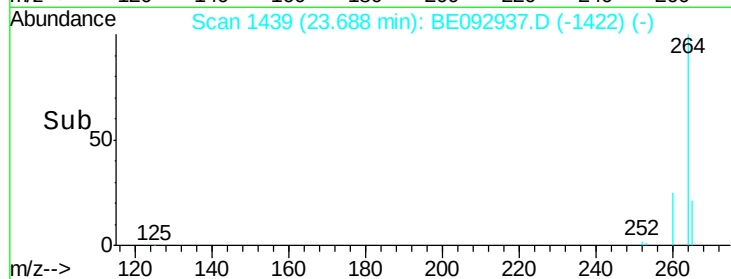
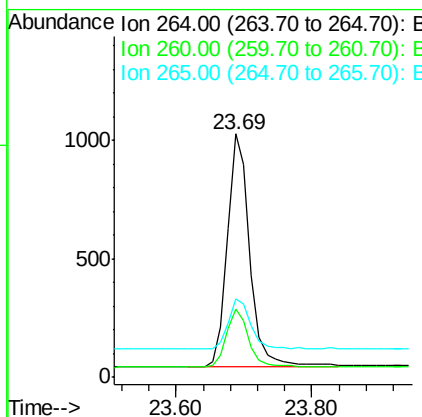
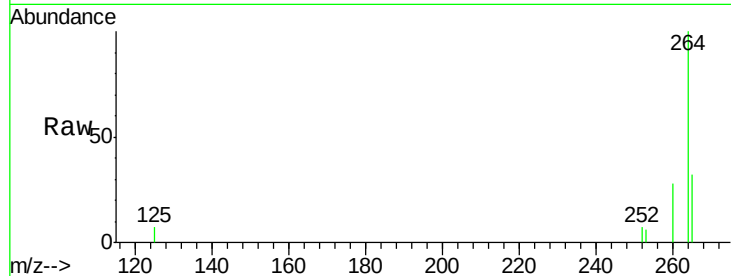
#33
Perylene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE092937.D
 Acq: 5 May 2017 19:49

Instrument :
 BNA_E
 ClientSampleId :
 PB98667BSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	2300		
260	28.1		23.5	35.3
265	32.0		27.2	40.8

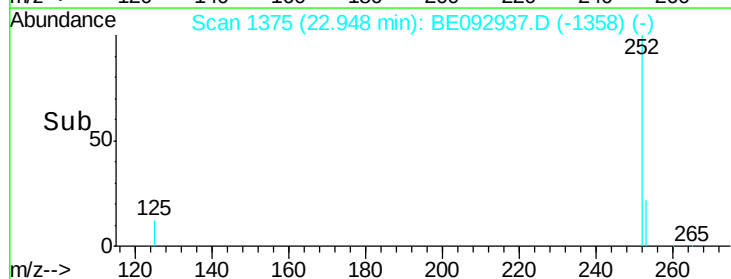
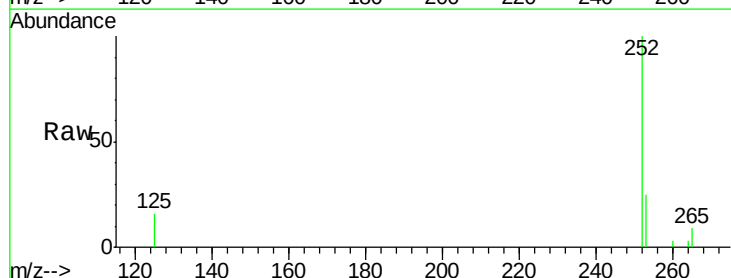
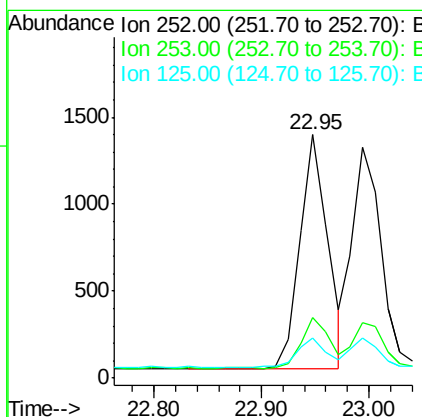
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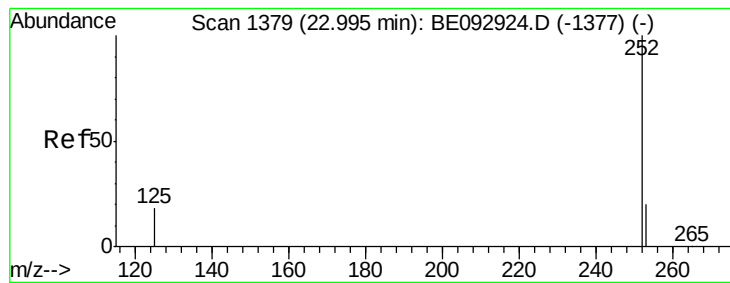
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#34
Benzo(b)fluoranthene
 Concen: 0.32 ng
 RT: 22.95 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BE092937.D
 Acq: 5 May 2017 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	2438		
253	25.1		24.7	37.1
125	16.3		20.3	30.5





#35

Benzo(k)fluoranthene

Concen: 0.32 ng

RT: 22.99 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Instrument :

BNA_E

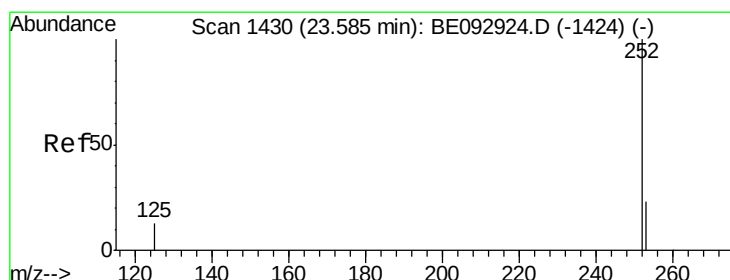
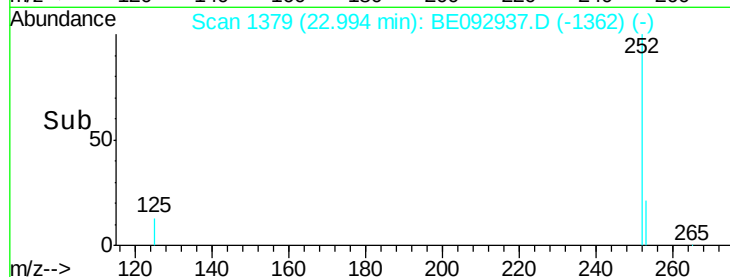
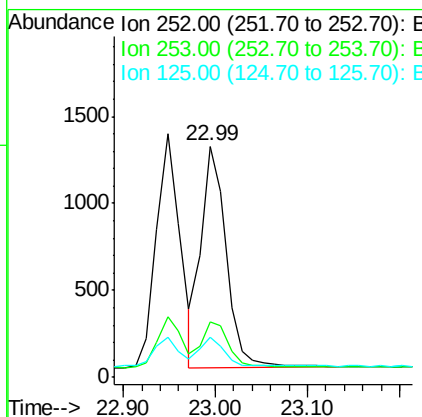
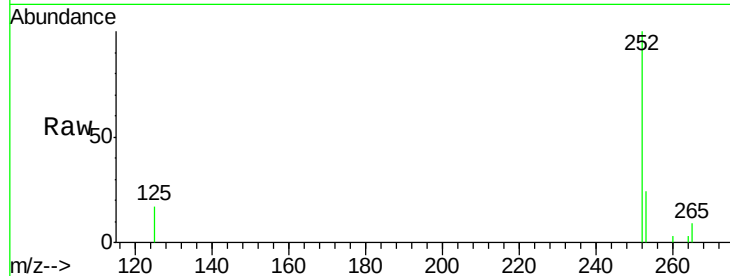
ClientSampleId :

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Tgt Ion:	252	Resp:	2411
Ion Ratio	Lower	Upper	
252	100		
253	24.2	25.8	38.8#
125	17.4	22.9	34.3#

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#36

Benzo(a)pyrene

Concen: 0.34 ng

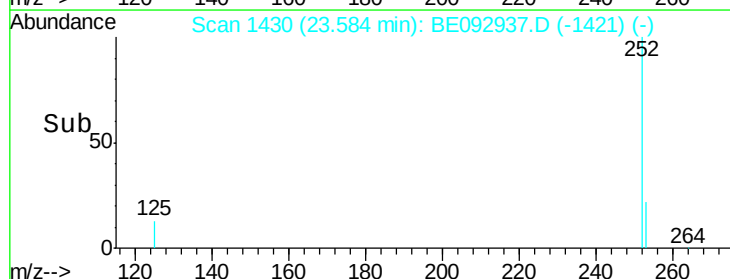
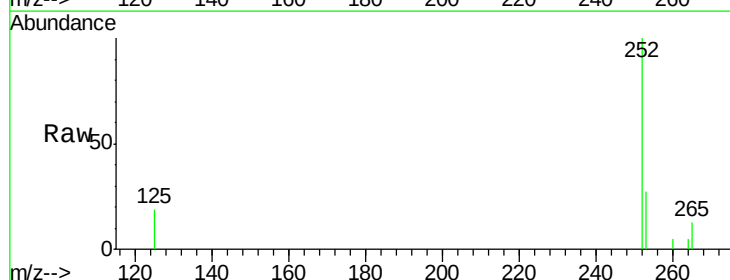
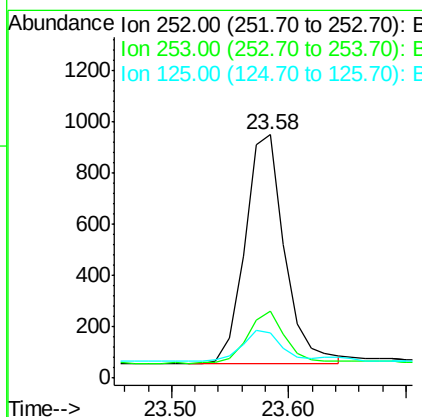
RT: 23.58 min Scan# 1430

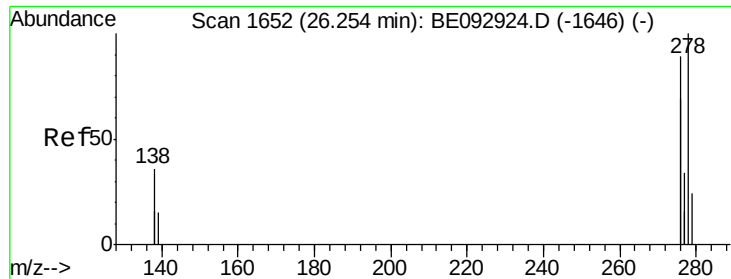
Delta R.T. -0.00 min

Lab File: BE092937.D

Acq: 5 May 2017 19:49

Tgt Ion:	252	Resp:	2101
Ion Ratio	Lower	Upper	
252	100		
253	27.4	31.3	46.9#
125	18.9	26.4	39.6#





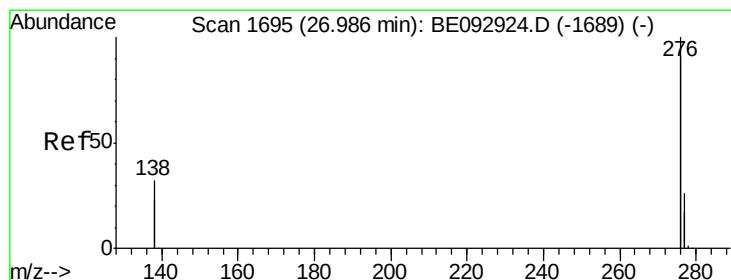
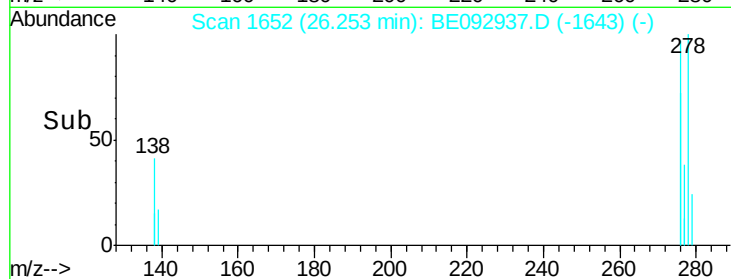
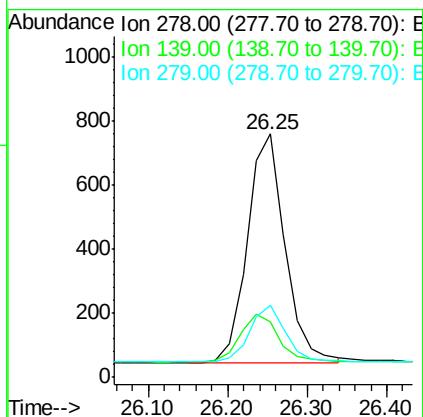
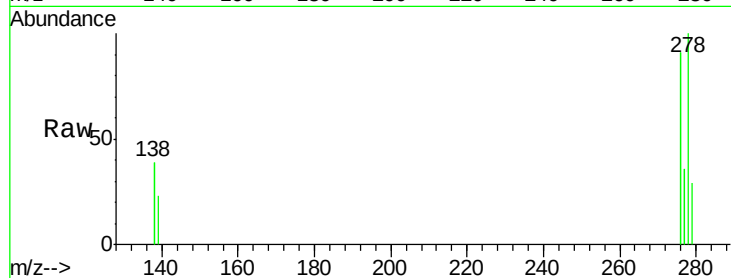
#37
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 26.25 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Instrument :
BNA_E
ClientSampleId :
PB98667BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	27.4	41.2#
279	29.5	33.3	49.9#

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#38
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 26.99 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE092937.D
Acq: 5 May 2017 19:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	29.9	44.9#
138	32.2	34.6	51.8#

