

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042717\
 Data File : BE092917.D
 Acq On : 27 Apr 2017 16:39
 Operator : SJ/MA
 Sample : I2837-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170424

Manual Integrations
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mohammad
 4/28/2017 3:00:13 PM

Quant Time: Apr 28 04:15:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 17:35:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	943	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3743	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1573	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3773	0.40	ng	0.00
26) Chrysene-d12	21.28	240	3013	0.40	ng	0.00
33) Perylene-d12	23.69	264	2461	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	145	0.07	ng	0.00
5) Phenol-d6	6.94	99	120	0.04	ng	0.00
8) Nitrobenzene-d5	8.90	82	798	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	2092	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	27	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3170	0.44	ng	0.00
24) Fluoranthene-d10	19.15	212	3358	0.37	ng	0.00
28) Terphenyl-d14	19.74	244	2490	0.48	ng	0.00
Target Compounds						
18) Fluorene	15.43	166	123	0.02	ng	Qvalue # 91
22) Phenanthrene	17.18	178	299m	0.03	ng	
23) Anthracene	17.27	178	283	0.03	ng	99
25) Fluoranthene	19.17	202	1181	0.03	ng	# 98
27) Pyrene	19.53	202	1159	0.03	ng	# 95
29) Benzo(a)anthracene	21.27	228	225	0.03	ng	# 80
30) Chrysene	21.32	228	232	0.03	ng	# 81
31) Bis(2-ethylhexyl)phthalate	21.20	149	179	0.10	ng	# 96
32) Indeno(1,2,3-cd)pyrene	26.22	276	916	0.03	ng	94
38) Benzo(g,h,i)perylene	27.00	276	863	0.03	ng	# 72

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

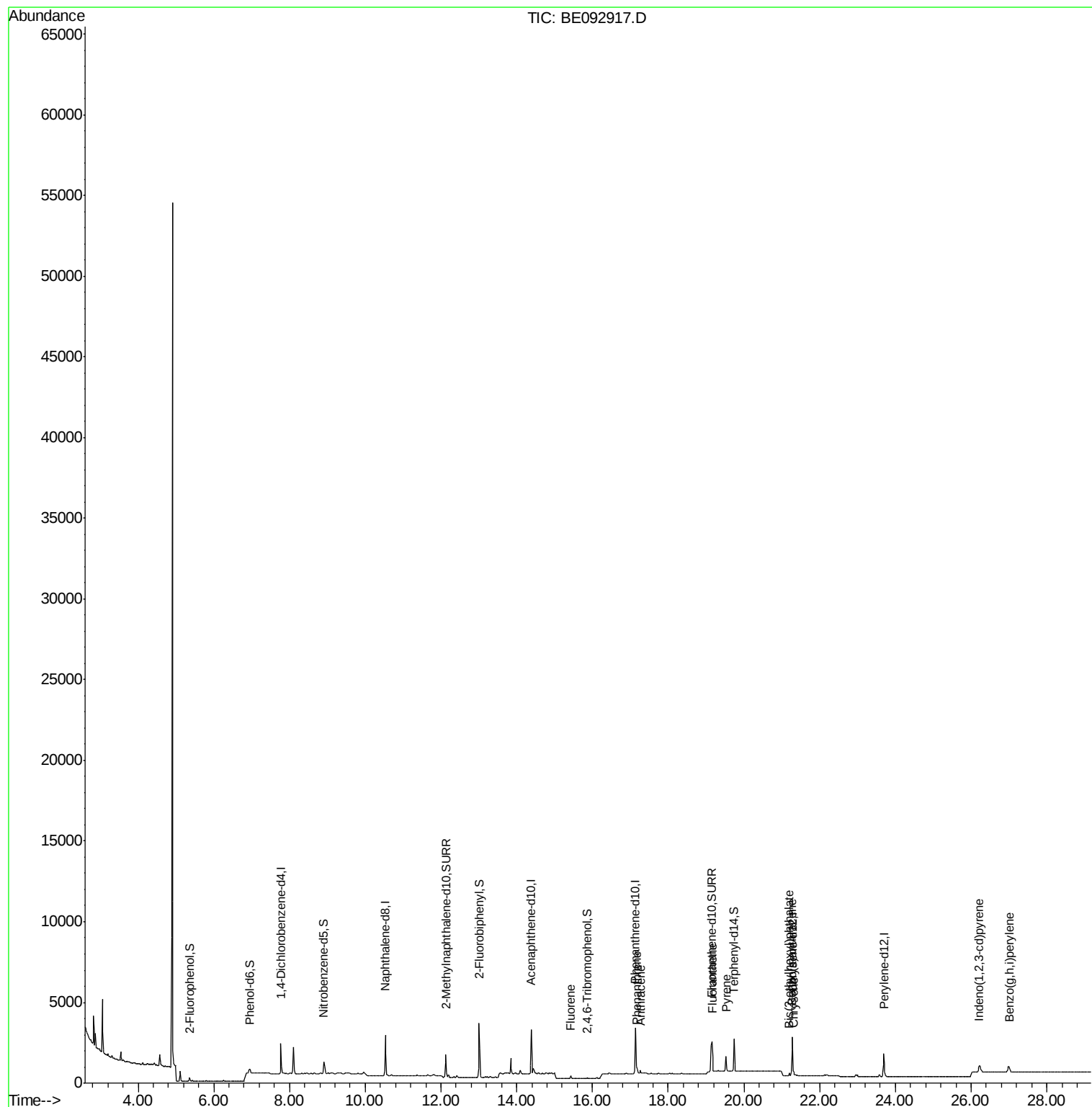
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042717\
Data File : BE092917.D
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ALS Vial : 6 Sample Multiplier: 1

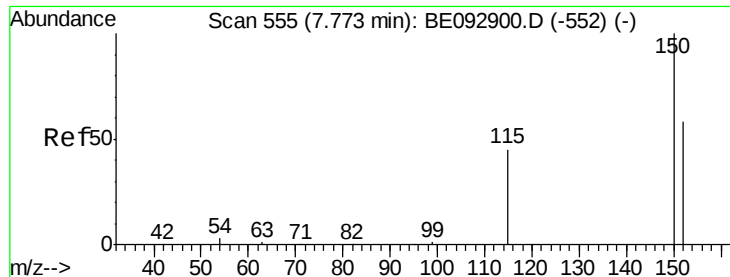
Instrument :
BNA_E
ClientSampleId :
KY038PS027-170424

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
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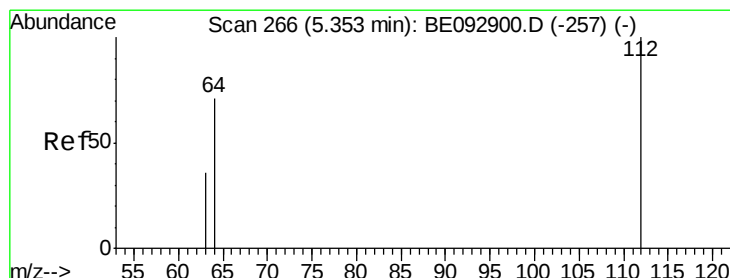
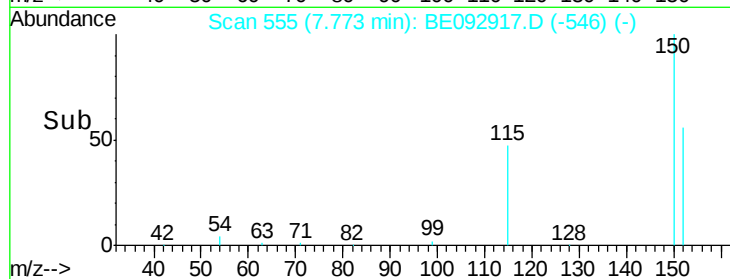
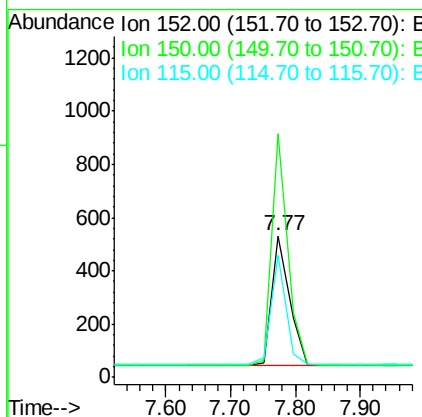
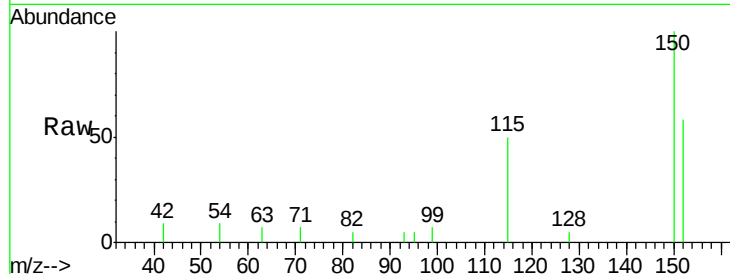
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.77 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BE092917.D
 Acq: 27 Apr 2017 16:39

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170424

Tgt Ion	Ratio	Lower	Upper
152	100		
150	171.8	129.9	194.9
115	86.3	62.6	93.8

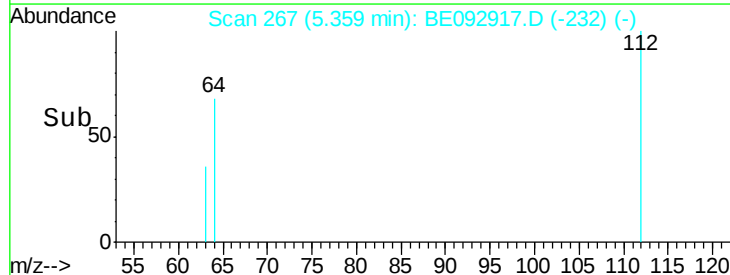
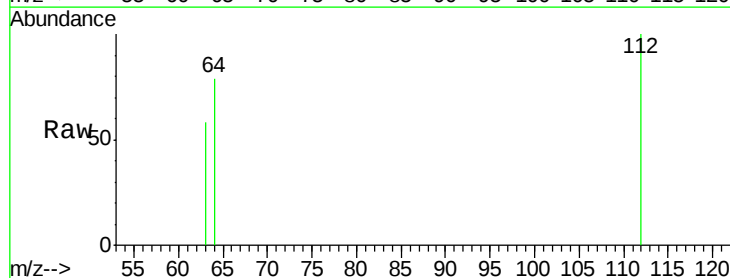
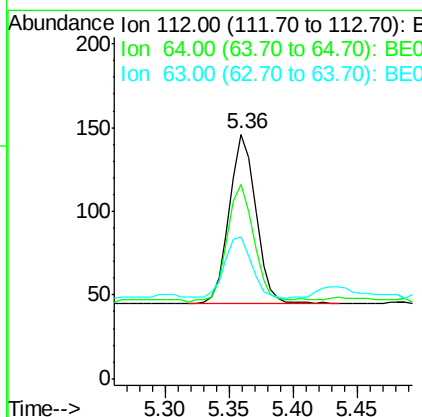
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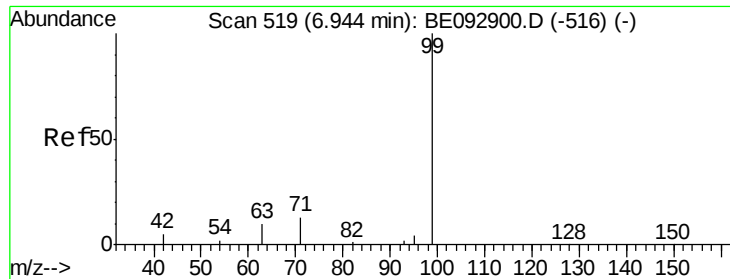
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#4
 2-Fluorophenol
 Concen: 0.07 ng
 RT: 5.36 min Scan# 267
 Delta R.T. 0.01 min
 Lab File: BE092917.D
 Acq: 27 Apr 2017 16:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	52.6	79.0
63	37.2	29.0	43.4





#5

Phenol-d6

Concen: 0.04 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092917.D

Acq: 27 Apr 2017 16:39

Instrument :

BNA_E

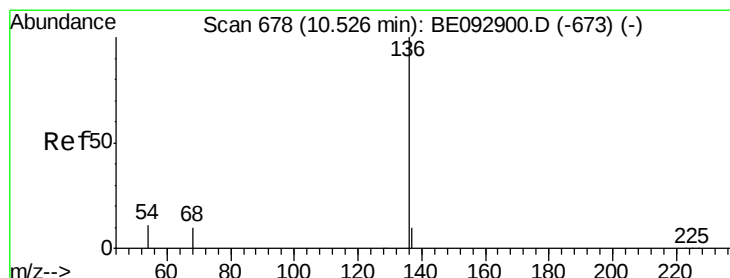
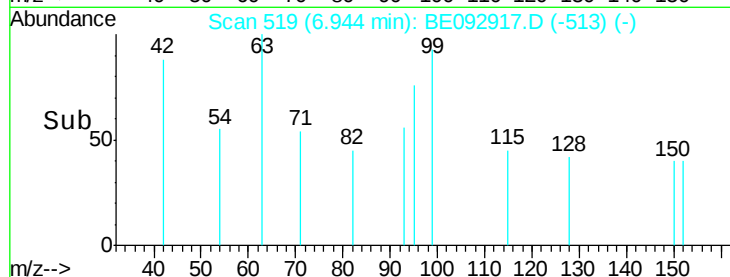
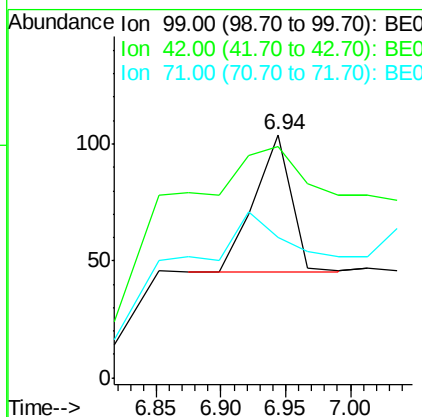
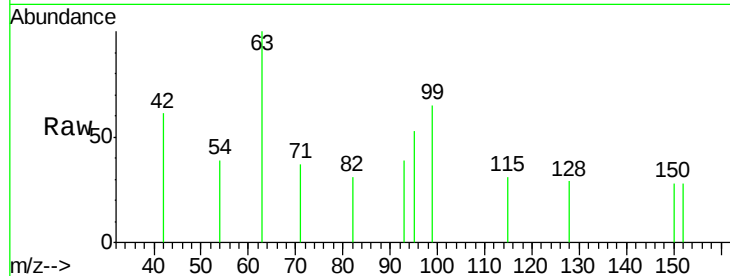
ClientSampleId :

KY038PS027-170424

Tgt Ion:	99	Resp:	120
Ion Ratio	Lower	Upper	
99	100		
42	50.8	0.0	0.0#
71	0.0	0.0	0.0

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#7

Naphthalene-d8

Concen: 0.40 ng

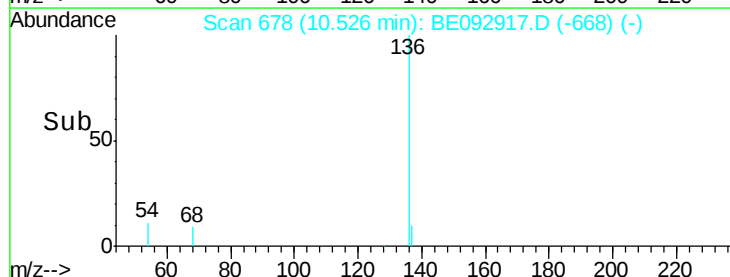
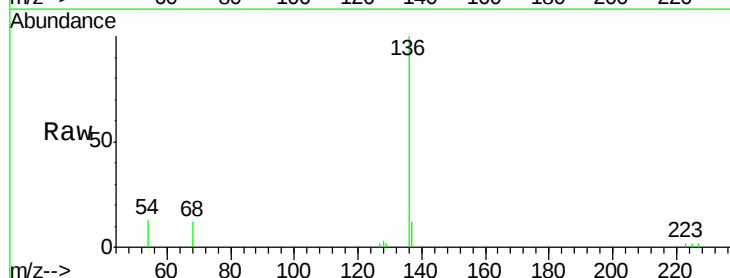
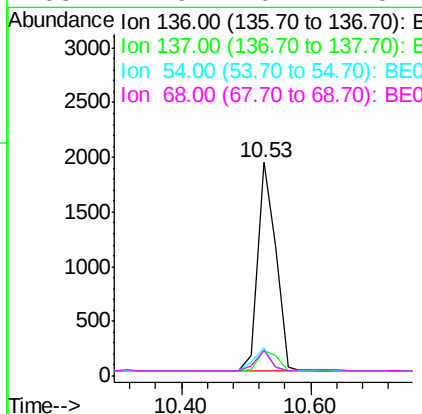
RT: 10.53 min Scan# 678

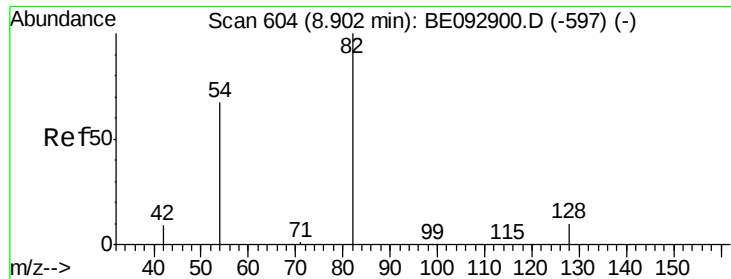
Delta R.T. 0.00 min

Lab File: BE092917.D

Acq: 27 Apr 2017 16:39

Tgt Ion:	136	Resp:	3743
Ion Ratio	Lower	Upper	
136	100		
137	11.9	10.4	15.6
54	13.4	12.6	18.8
68	11.9	10.7	16.1





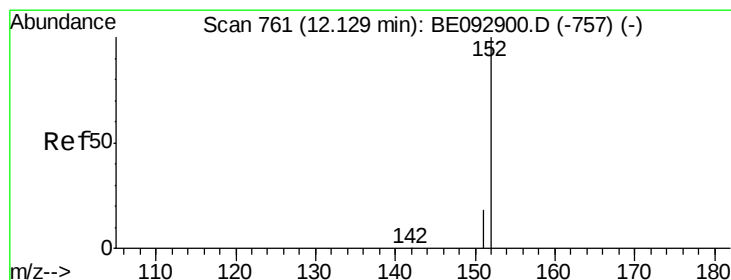
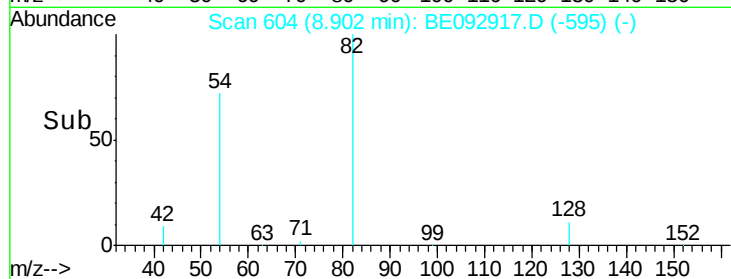
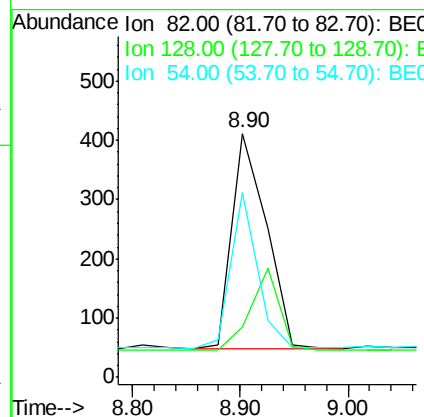
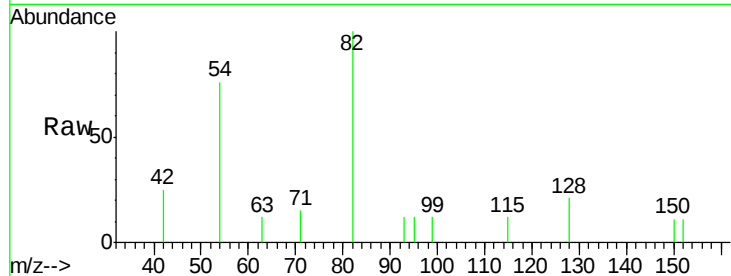
#8
 Nitrobenzene-d5
 Concen: 0.32 ng
 RT: 8.90 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BE092917.D
 Acq: 27 Apr 2017 16:39

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170424

Tgt Ion	Ratio	Lower	Upper
82	100		
128	20.7	35.3	52.9#
54	75.9	65.1	97.7

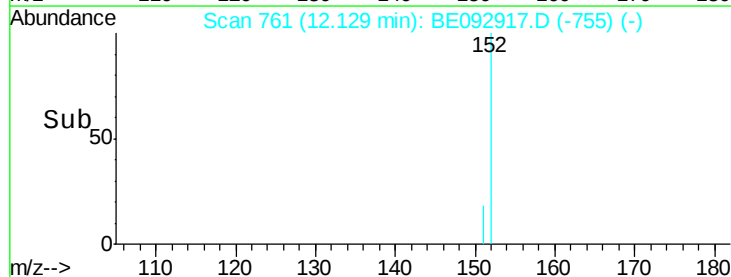
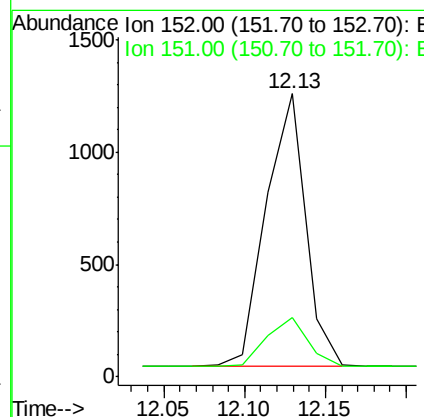
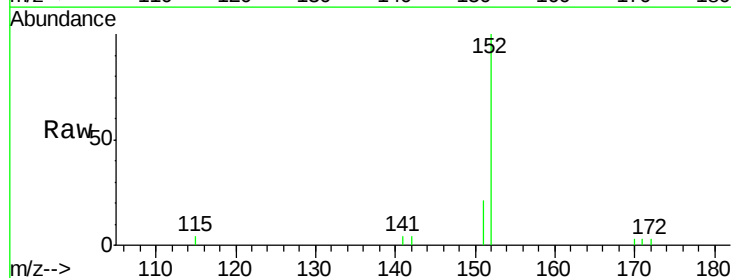
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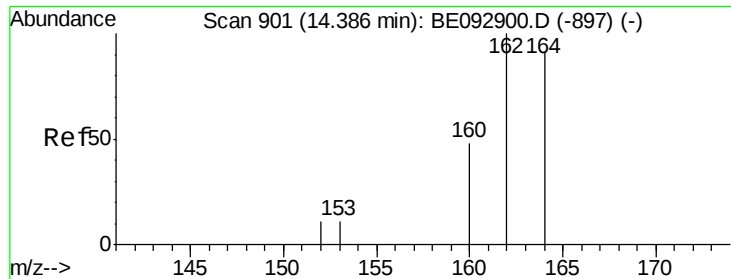
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#11
 2-Methylnaphthalene-d10
 Concen: 0.38 ng
 RT: 12.13 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BE092917.D
 Acq: 27 Apr 2017 16:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5





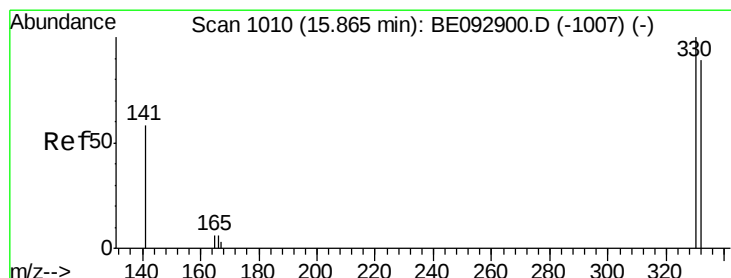
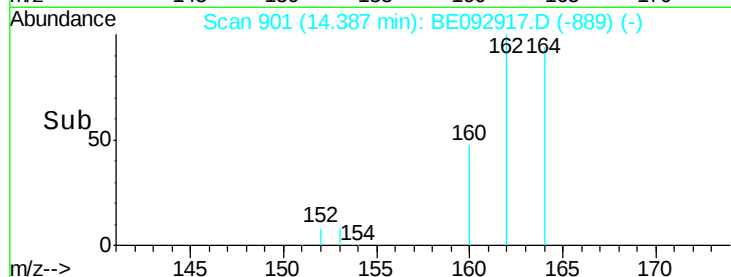
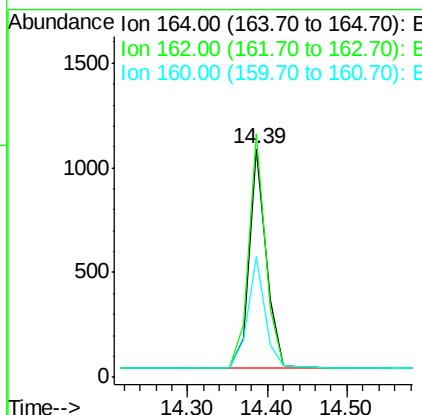
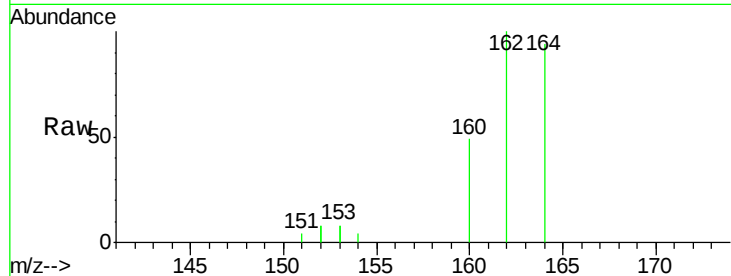
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092917.D
Acq: 27 Apr 2017 16:39

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170424

Tgt Ion:164 Resp: 1573
Ion Ratio Lower Upper
164 100
162 106.5 86.6 130.0
160 52.6 44.5 66.7

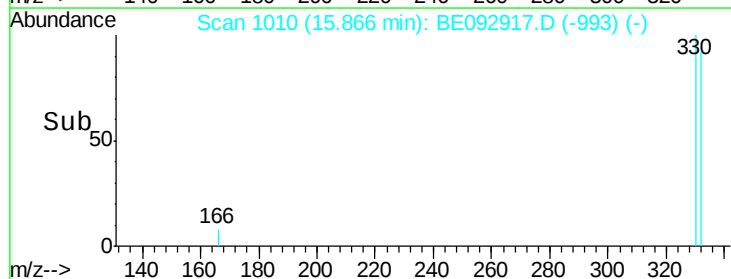
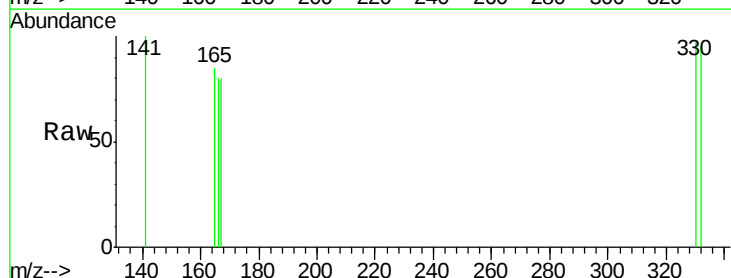
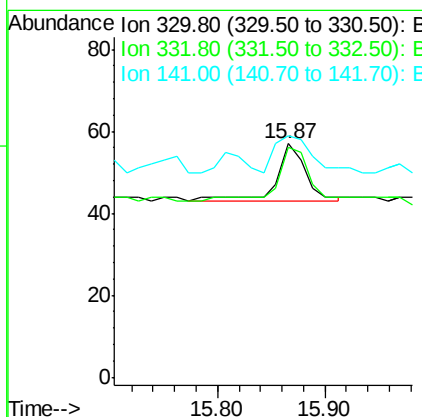
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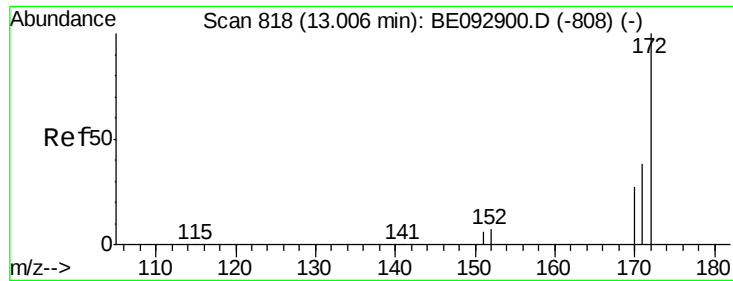
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#14
2,4,6-Tribromophenol
Concen: 0.10 ng
RT: 15.87 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE092917.D
Acq: 27 Apr 2017 16:39

Tgt Ion:330 Resp: 27
Ion Ratio Lower Upper
330 100
332 100.0 69.1 103.7
141 81.5 54.6 81.8





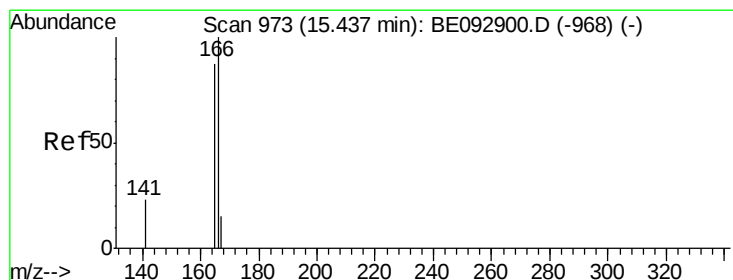
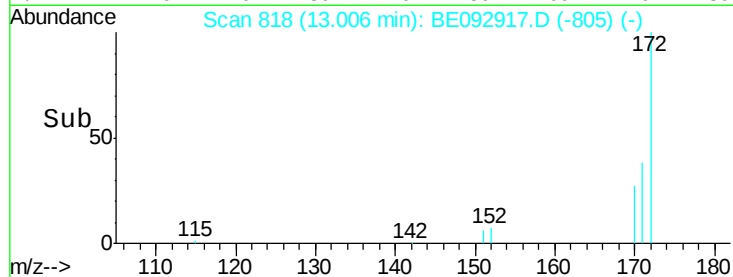
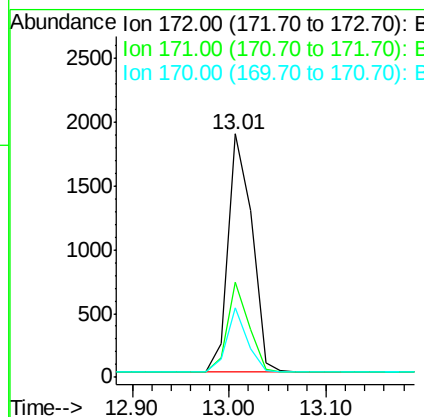
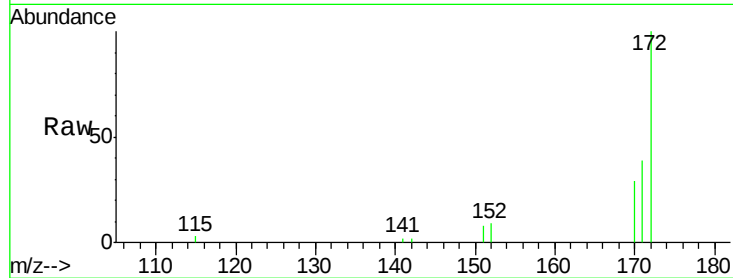
#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092917.D
Acq: 27 Apr 2017 16:39

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170424

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	35.8	53.6
170	28.7	28.5	42.7

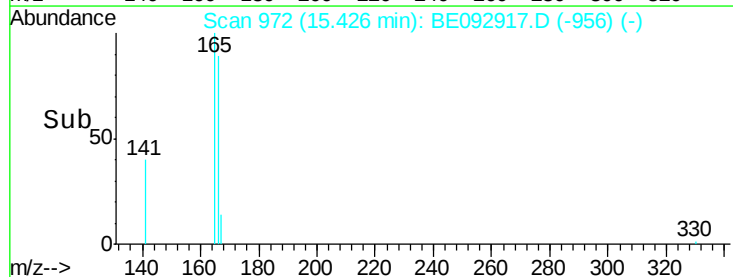
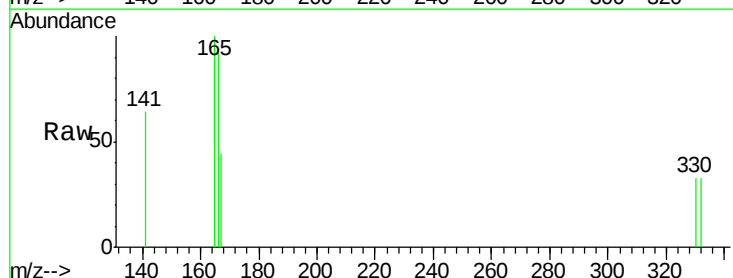
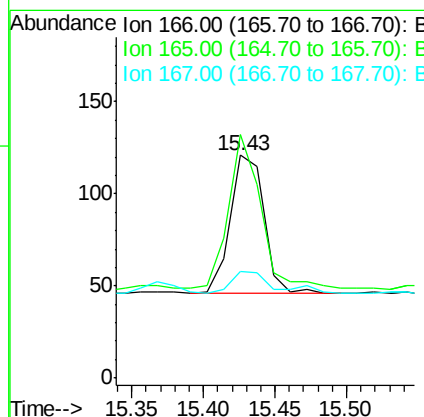
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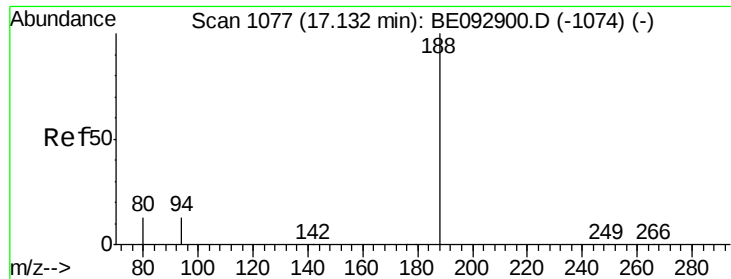
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#18
Fluorene
Concen: 0.02 ng
RT: 15.43 min Scan# 972
Delta R.T. -0.01 min
Lab File: BE092917.D
Acq: 27 Apr 2017 16:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.9	80.7	121.1
167	19.5	11.3	16.9





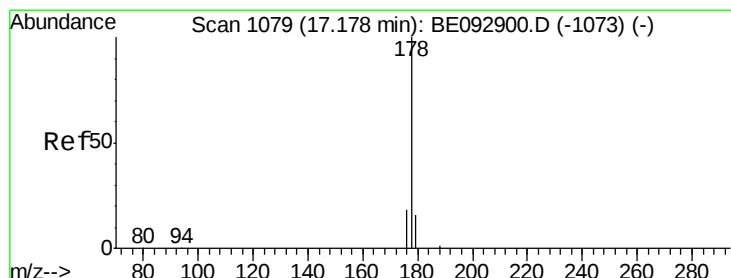
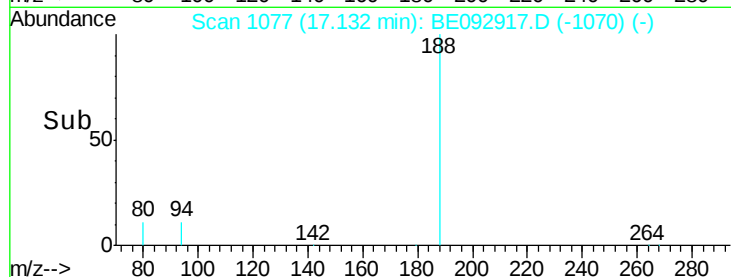
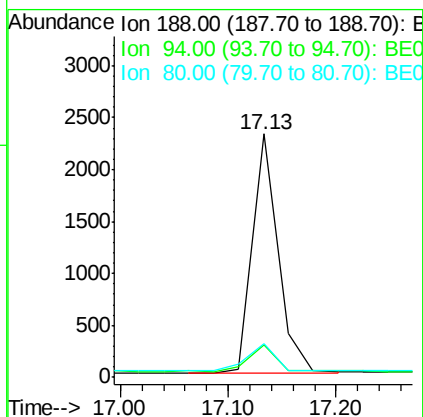
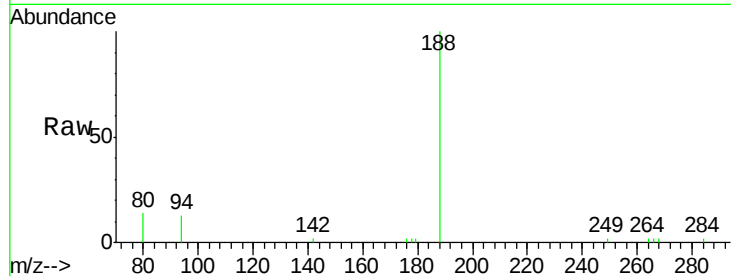
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Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092917.D
Acq: 27 Apr 2017 16:39

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170424

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	3773		
94	13.4		10.2	15.4
80	13.7		10.6	15.8

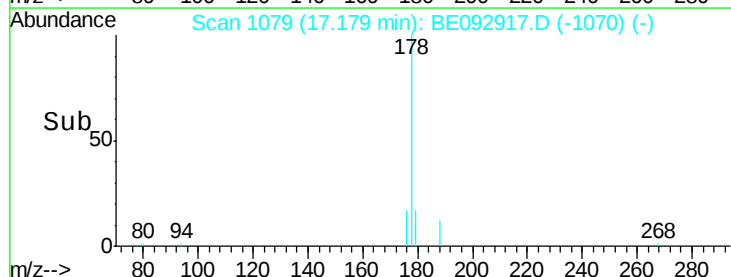
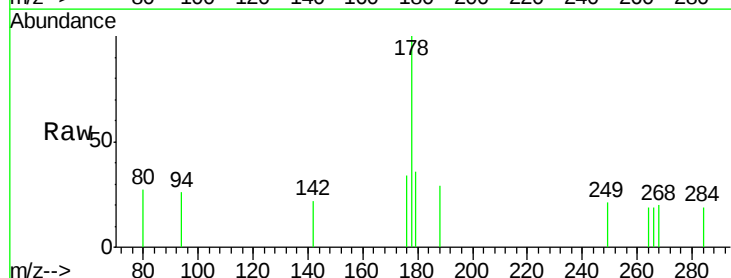
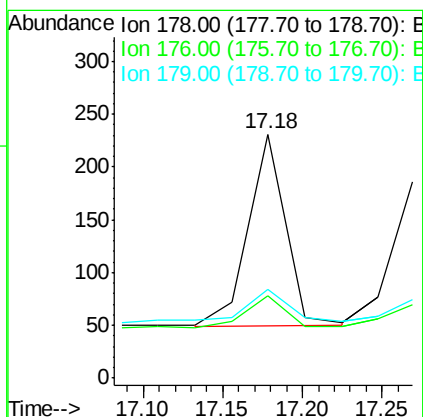
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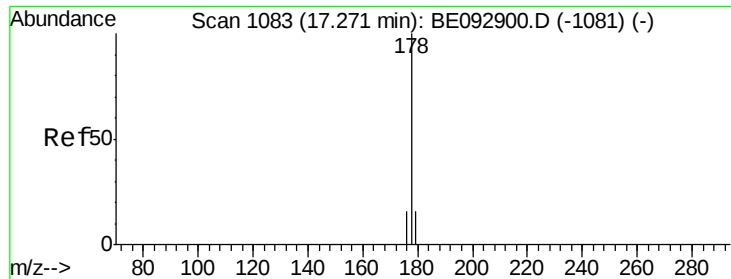
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#22
Phenanthrene
Concen: 0.03 ng m
RT: 17.18 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE092917.D
Acq: 27 Apr 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	299		
176	15.7		14.2	21.4
179	13.7		13.6	20.4





#23

Anthracene

Concen: 0.03 ng

RT: 17.27 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BE092917.D

Acq: 27 Apr 2017 16:39

Instrument :

BNA_E

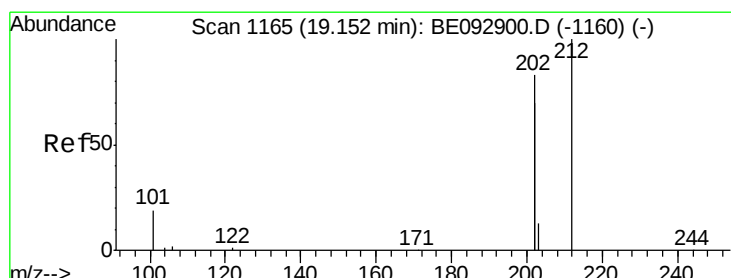
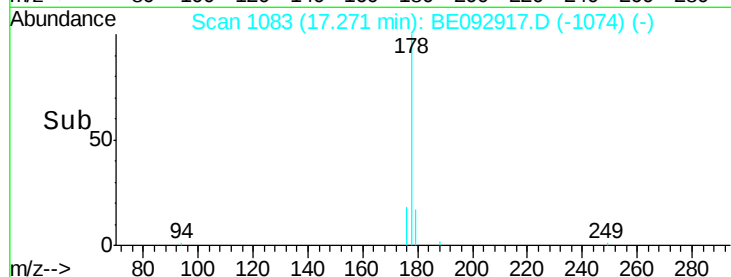
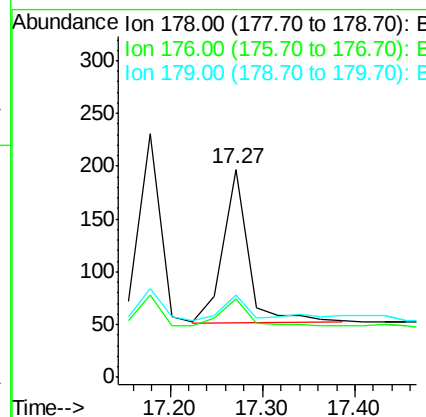
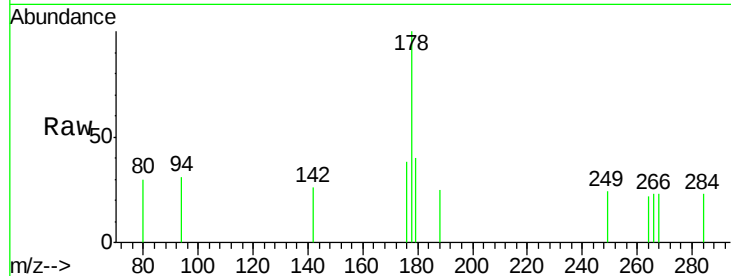
ClientSampleId :

KY038PS027-170424

Tgt Ion:	178	Resp:	283
Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	16.3	12.8	19.2

Manual Integrations
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#24

Fluoranthene-d10

Concen: 0.37 ng

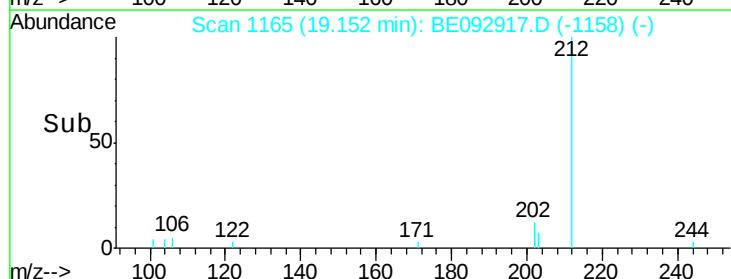
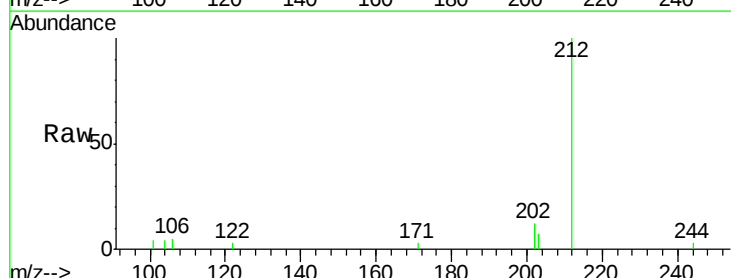
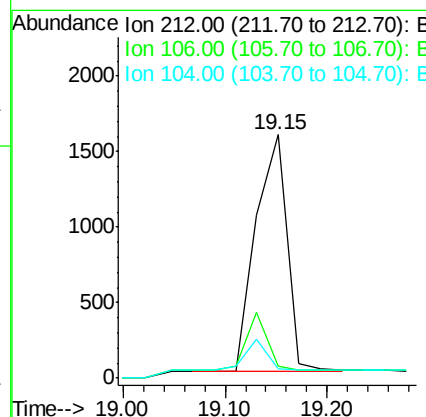
RT: 19.15 min Scan# 1165

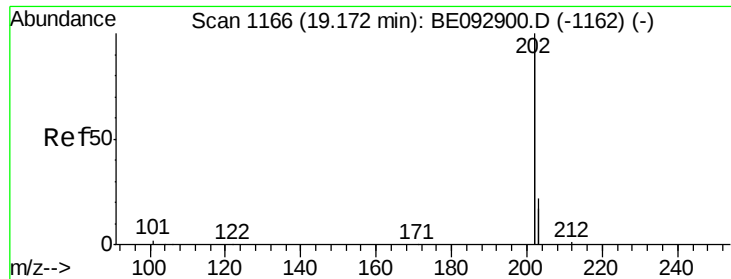
Delta R.T. 0.00 min

Lab File: BE092917.D

Acq: 27 Apr 2017 16:39

Tgt Ion:	212	Resp:	3358
Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0





#25

Fluoranthene

Concen: 0.03 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092917.D

Acq: 27 Apr 2017 16:39

Instrument :

BNA_E

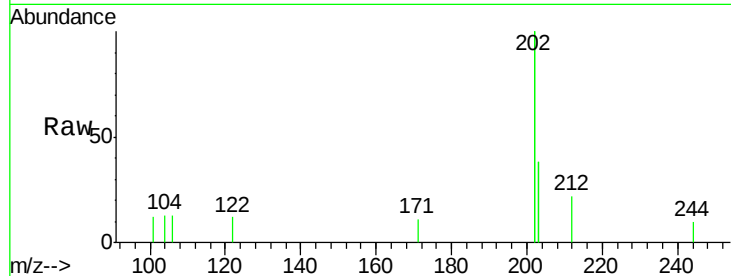
ClientSampleId :

KY038PS027-170424

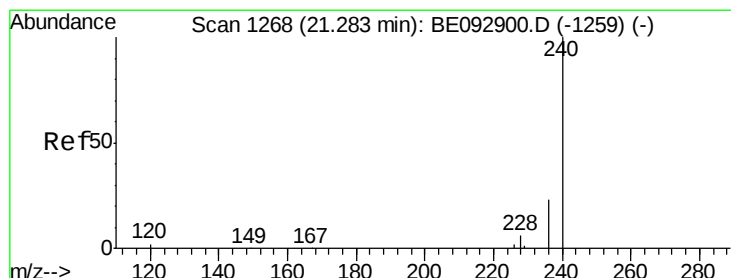
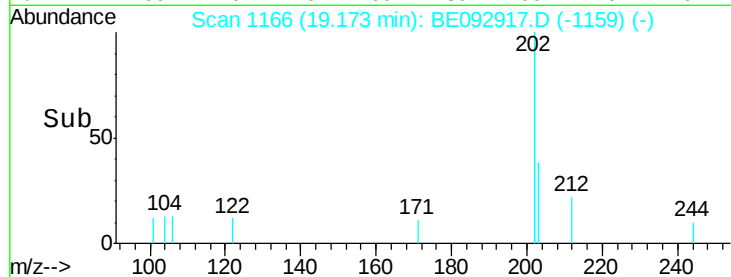
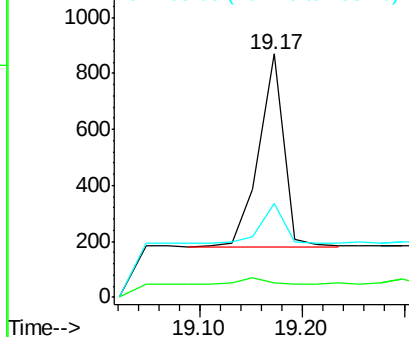
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.2	15.3	22.9

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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: 0.40 ng

RT: 21.28 min Scan# 1268

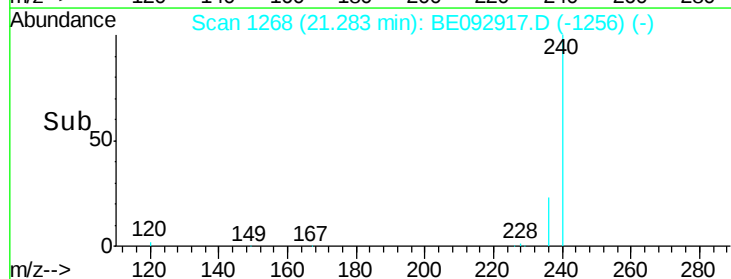
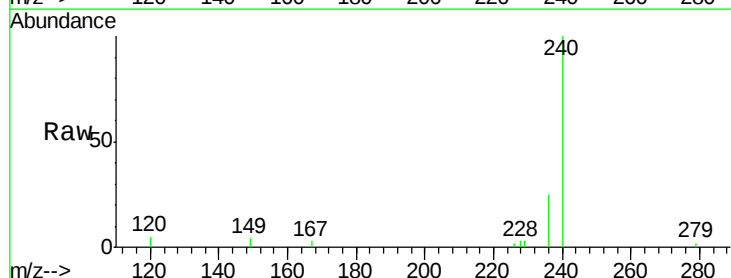
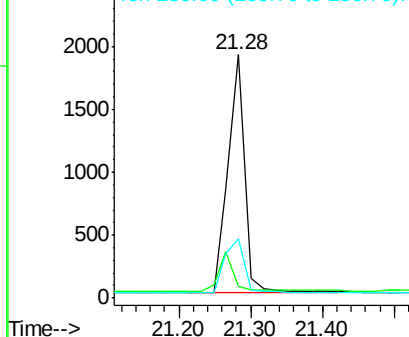
Delta R.T. 0.00 min

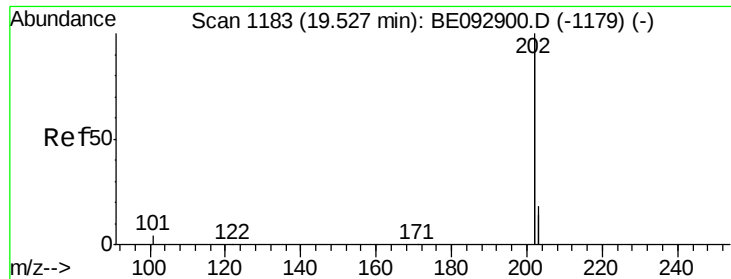
Lab File: BE092917.D

Acq: 27 Apr 2017 16:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.6	6.8
236	24.5	19.8	29.8

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





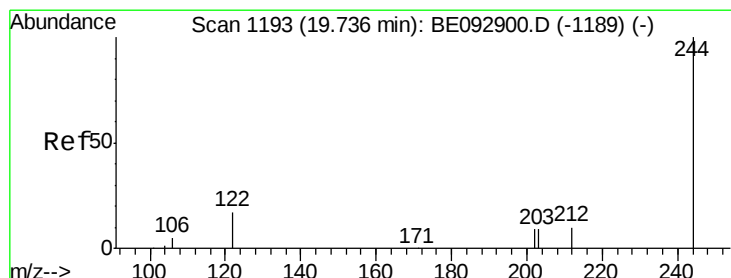
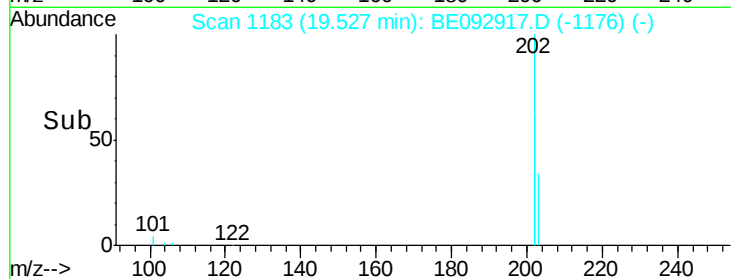
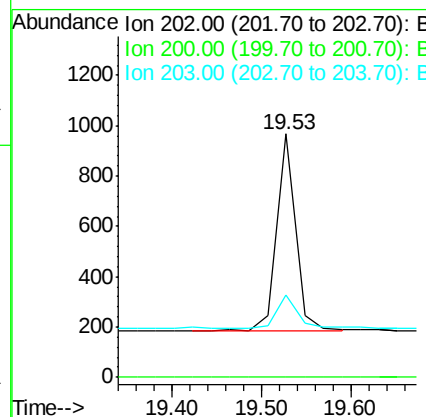
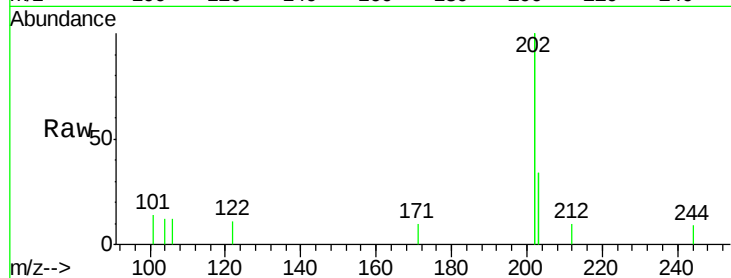
#27
 Pyrene
 Concen: 0.03 ng
 RT: 19.53 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BE092917.D
 Acq: 27 Apr 2017 16:39

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170424

Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	19.2	13.5	20.3

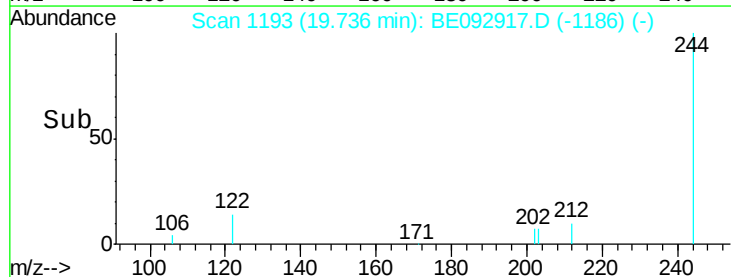
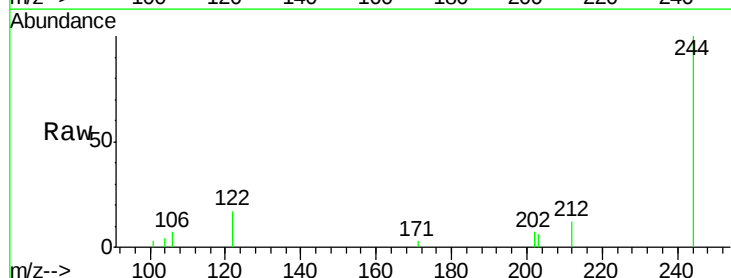
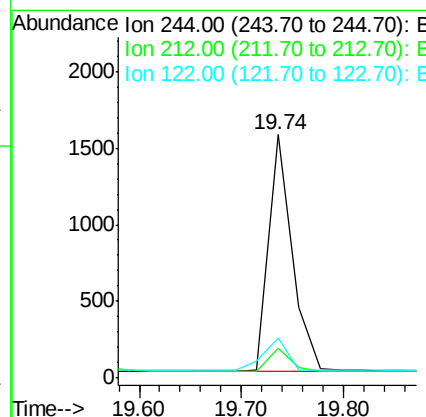
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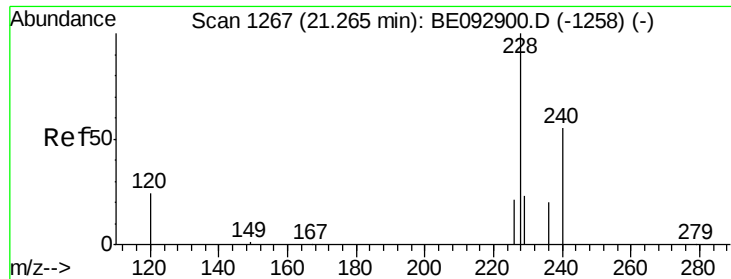
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#28
 Terphenyl-d14
 Concen: 0.48 ng
 RT: 19.74 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BE092917.D
 Acq: 27 Apr 2017 16:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.5	18.4	27.6#
122	16.7	23.3	34.9#





#29

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.27 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092917.D

Acq: 27 Apr 2017 16:39

Instrument :

BNA_E

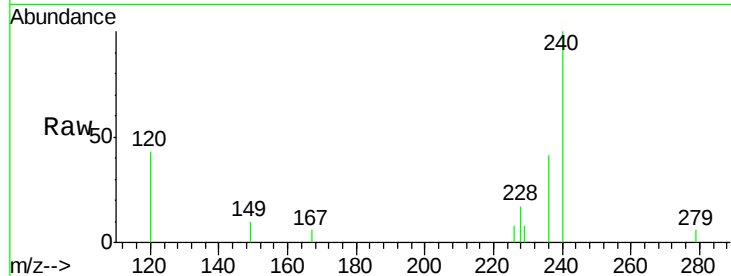
ClientSampleId :

KY038PS027-170424

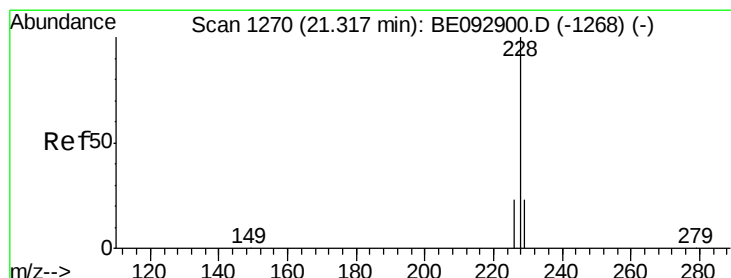
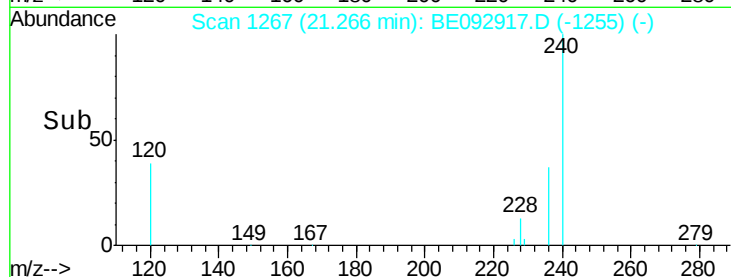
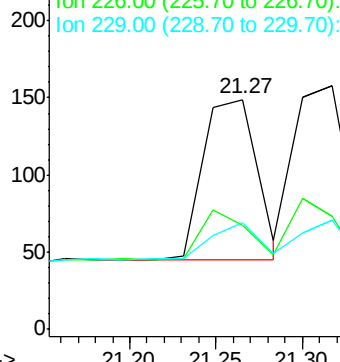
Tgt Ion:	228	Resp:	225
Ion Ratio	Lower	Upper	
228	100		
226	45.0	32.0	48.0
229	46.3	21.4	32.0#

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#30

Chrysene

Concen: 0.03 ng

RT: 21.32 min Scan# 1270

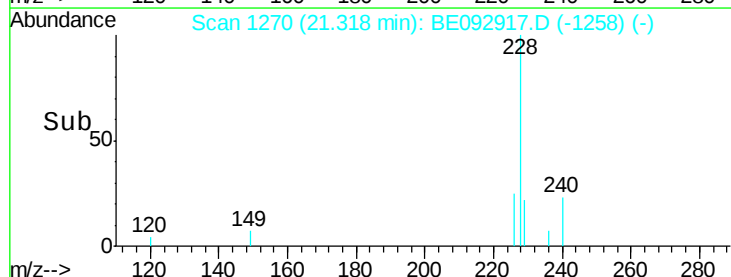
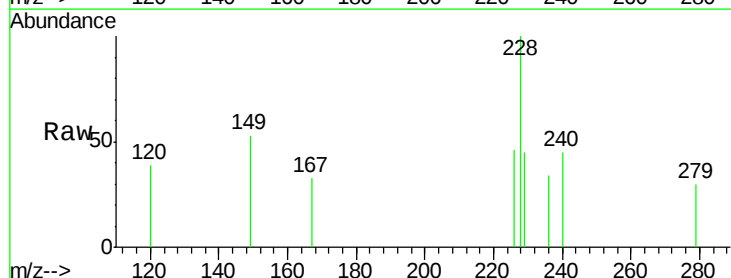
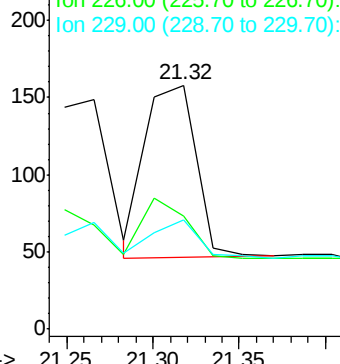
Delta R.T. 0.00 min

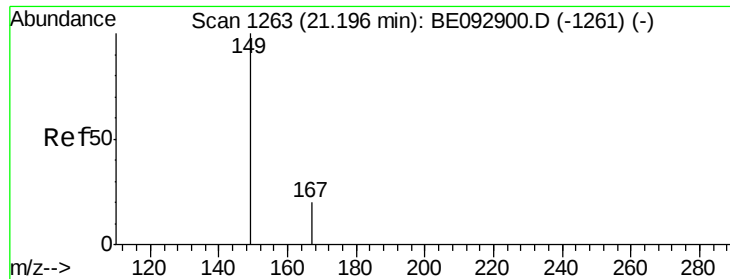
Lab File: BE092917.D

Acq: 27 Apr 2017 16:39

Tgt Ion:	228	Resp:	232
Ion Ratio	Lower	Upper	
228	100		
226	46.2	34.2	51.2
229	44.9	18.6	28.0#

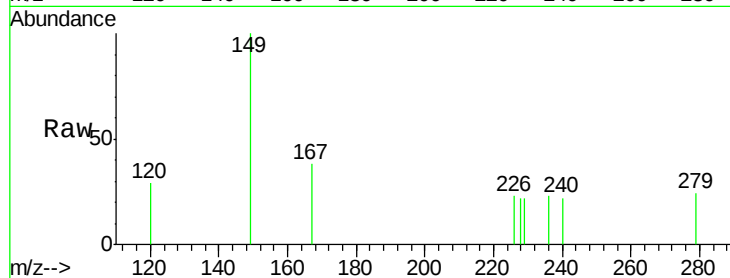
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE092917.D
 Acq: 27 Apr 2017 16:39

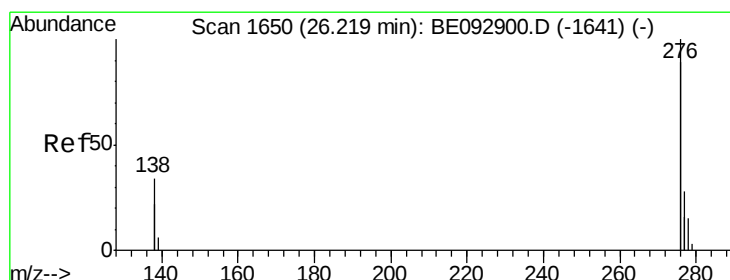
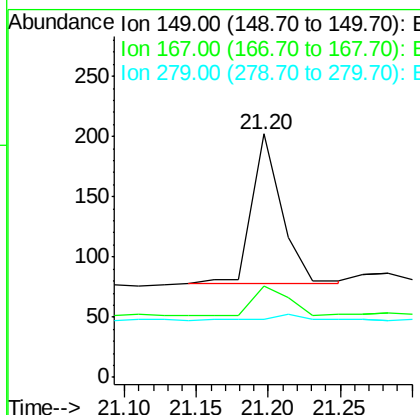
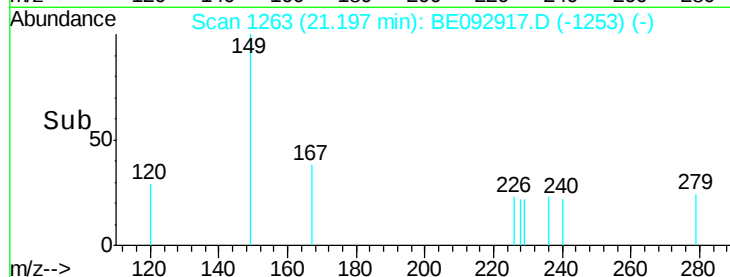
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-170424



Tgt Ion: 149 Resp: 179
 Ion Ratio Lower Upper
 149 100
 167 24.0 20.9 31.3
 279 0.0 0.0 0.0

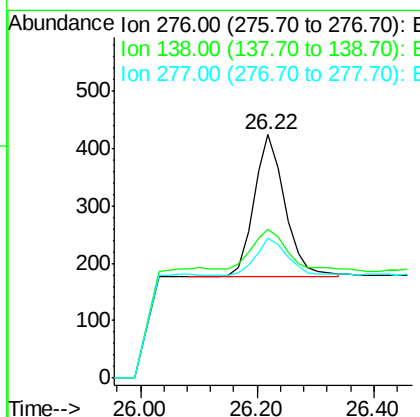
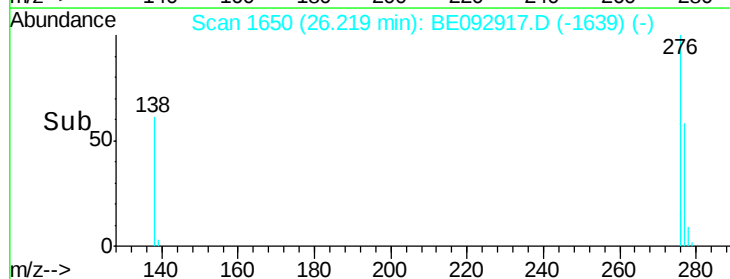
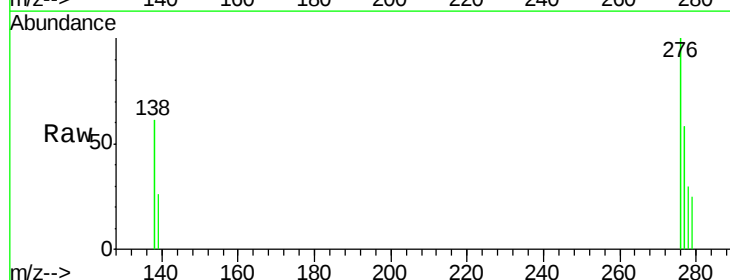
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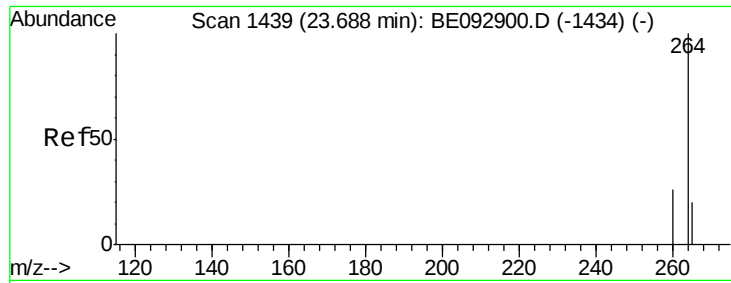
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#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 26.22 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BE092917.D
 Acq: 27 Apr 2017 16:39

Tgt Ion: 276 Resp: 916
 Ion Ratio Lower Upper
 276 100
 138 29.5 25.8 38.6
 277 28.6 20.2 30.4





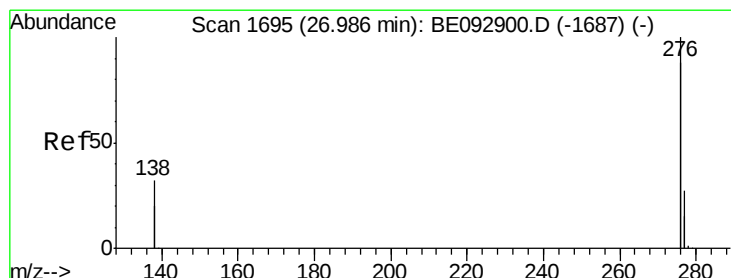
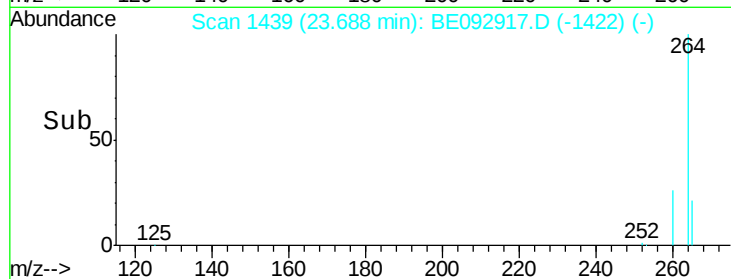
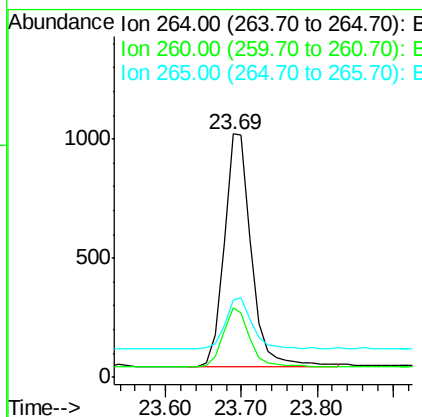
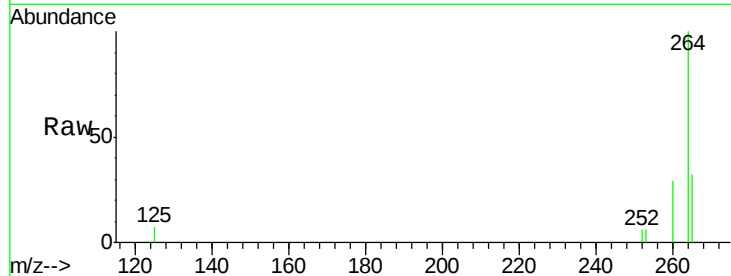
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE092917.D
Acq: 27 Apr 2017 16:39

Instrument :
BNA_E
ClientSampleId :
KY038PS027-170424

Tgt Ion	Ratio	Lower	Upper
264	100		
260	28.8	23.5	35.3
265	31.5	27.2	40.8

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#38
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.02 min
Lab File: BE092917.D
Acq: 27 Apr 2017 16:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	57.1	29.9	44.9#
138	58.5	34.6	51.8#

