

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121417\
 Data File : BE094988.D
 Acq On : 14 Dec 2017 21:57
 Operator : SJ/JU
 Sample : I6876-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-171211

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:54:47 PM

Quant Time: Dec 15 08:26:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6856	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	14916	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8541	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	19226	0.40	ng	0.00
27) Chrysene-d12	21.87	240	22953	0.40	ng	0.00
34) Perylene-d12	24.55	264	19265	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	2054	0.19	ng	0.00
5) Phenol-d6	7.59	99	1818	0.11	ng	0.00
8) Nitrobenzene-d5	9.65	82	5882	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9785	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1305	0.66	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	17940	0.47	ng	0.00
25) Fluoranthene-d10	19.75	212	111268	0.45	ng	0.00
29) Terphenyl-d14	20.31	244	24177	0.56	ng	0.00
Target Compounds						
9) Naphthalene	11.38	128	5918	0.034	ng	Qvalue # 96
30) Benzo(a)anthracene	21.85	228	2959	0.044	ng	# 68
31) Chrysene	21.90	228	2640m	0.035	ng	
32) Bis(2-ethylhexyl)phthalate	21.73	149	31374	0.367	ng	100
33) Indeno(1,2,3-cd)pyrene	27.41	276	2765	0.045	ng	# 90
35) Benzo(b)fluoranthene	23.71	252	2778	0.039	ng	# 75
36) Benzo(k)fluoranthene	23.77	252	2647	0.037	ng	# 65
38) Dibenzo(a,h)anthracene	27.43	278	2318	0.040	ng	# 64
39) Benzo(g,h,i)perylene	28.29	276	2212	0.038	ng	# 78

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

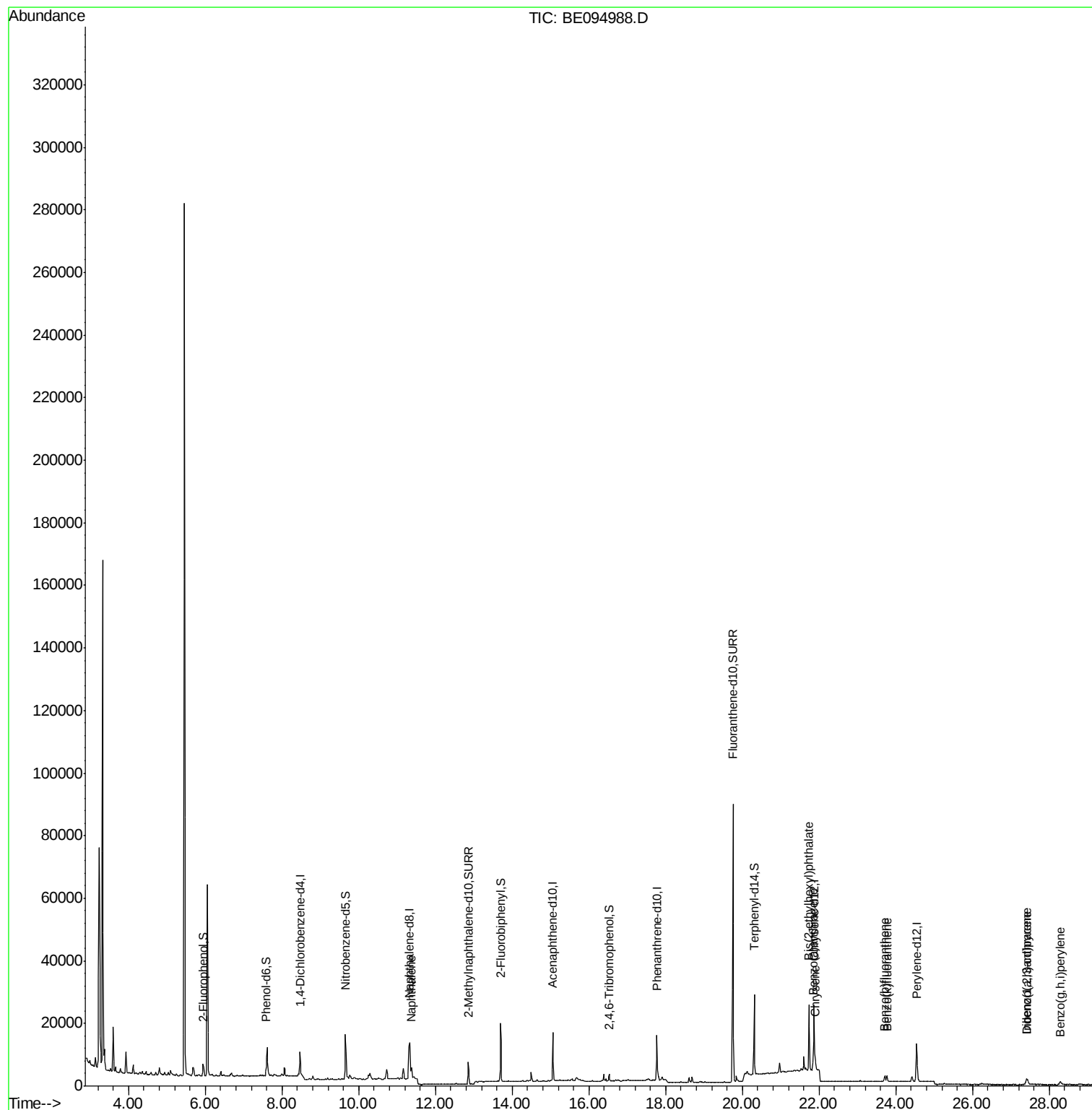
Data Path : Z:\HPCHEM1\BNA E\DATA\BE121417\
Data File : BE094988.D
Acq On : 14 Dec 2017 21:57
Operator : SJ/JU
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#1

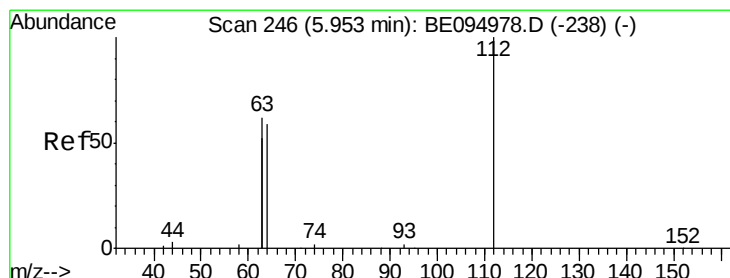
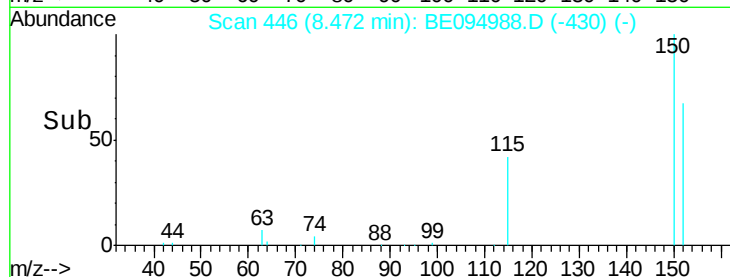
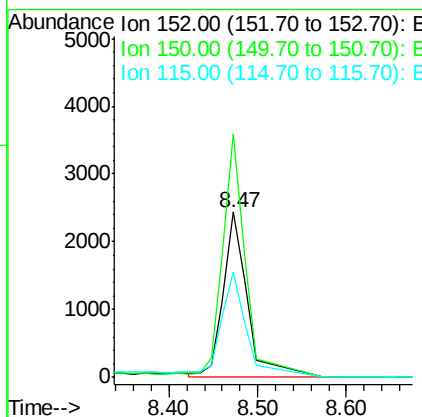
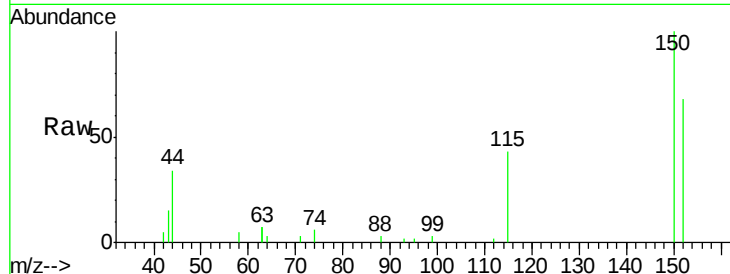
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	117.2	175.8
115	64.0	57.0	85.6

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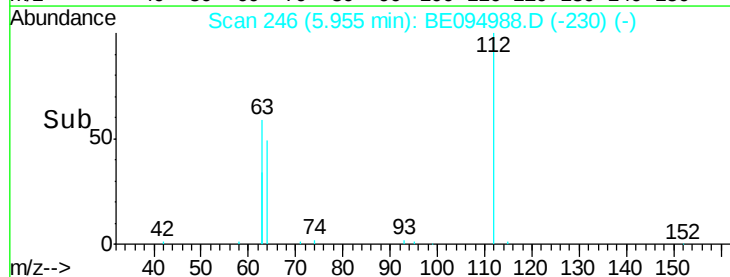
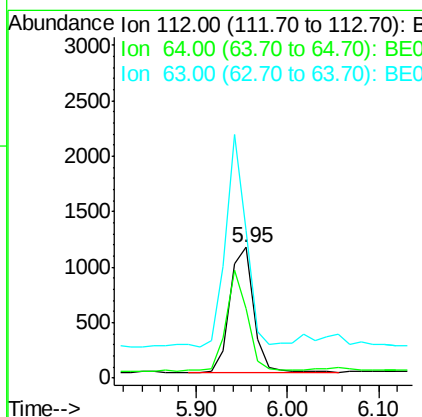
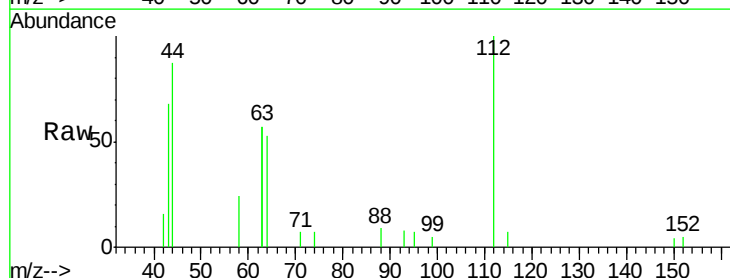
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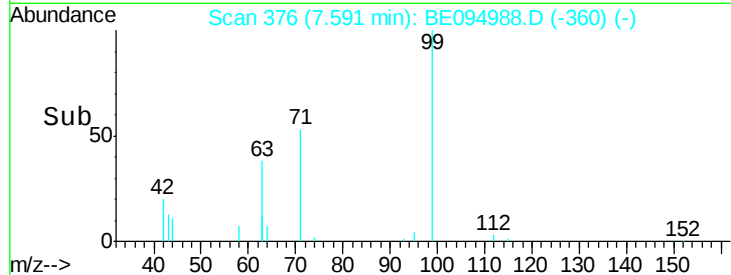
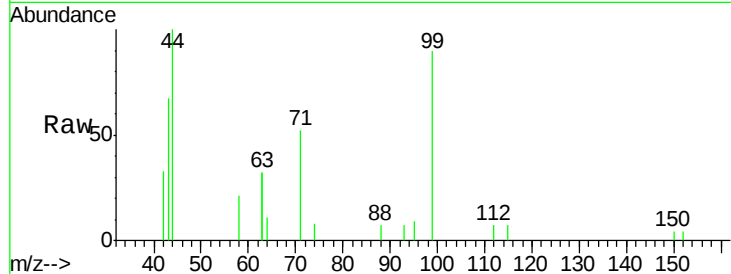
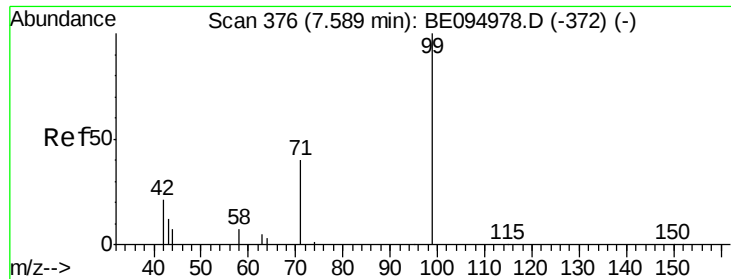


#4

2-Fluorophenol
Concen: 0.193 ng
RT: 5.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	60.1	90.1
63	149.9	116.8	175.2





#5

Phenol-d6

Concen: 0.115 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094988.D

Acq: 14 Dec 2017 21:57

Instrument :

BNA_E

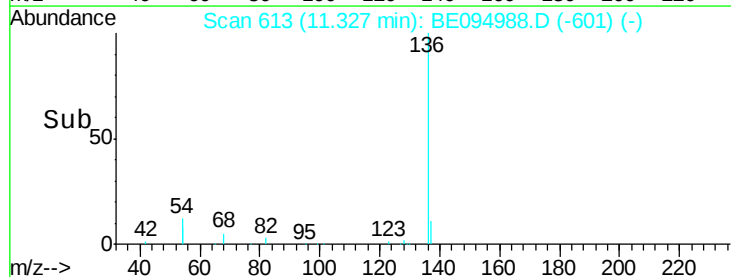
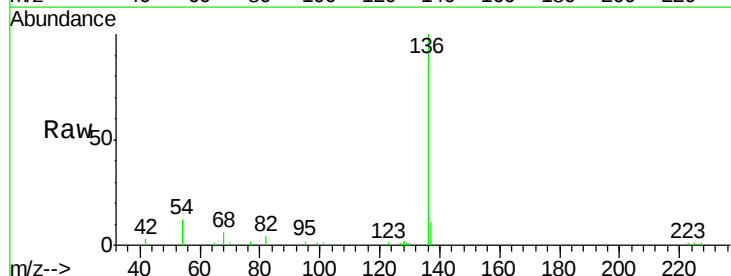
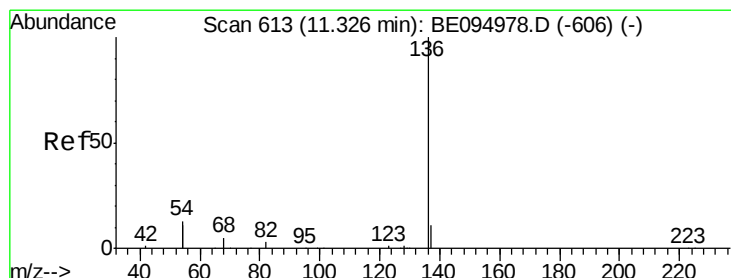
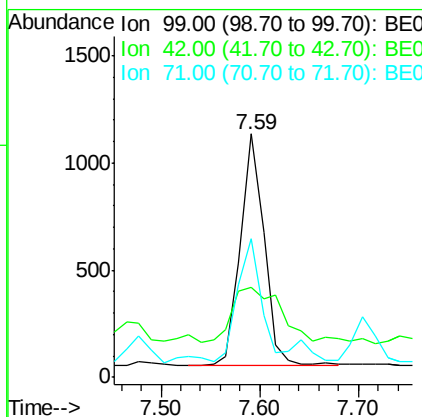
ClientSampleId :

KY038PS027-171211

Tot Ion:	99	Resp:	1818
Ion Ratio	Lower	Upper	
99	100		
42	52.1	20.2	30.2#
71	53.5	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

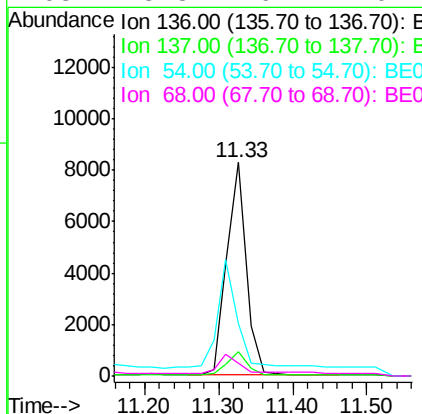
RT: 11.33 min Scan# 613

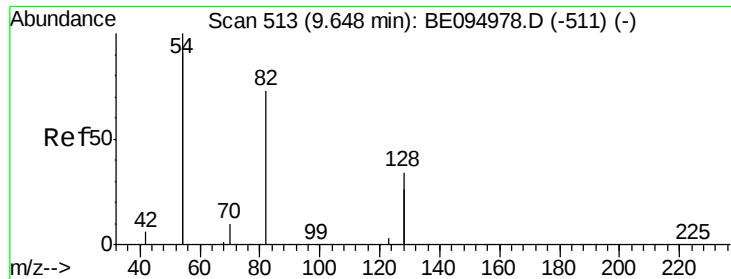
Delta R.T. 0.00 min

Lab File: BE094988.D

Acq: 14 Dec 2017 21:57

Tgt Ion:	136	Resp:	14916
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.5	14.3
54	24.5	29.1	43.7#
68	5.8	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.481 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE094988.D

Acq: 14 Dec 2017 21:57

Instrument :

BNA_E

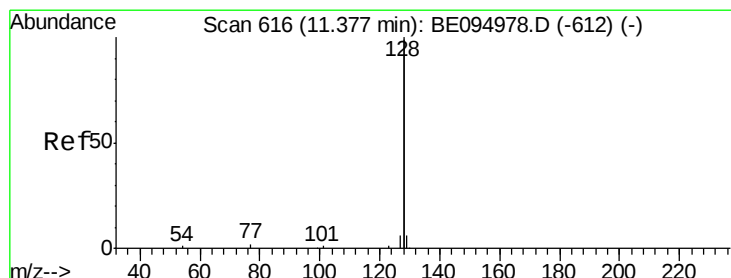
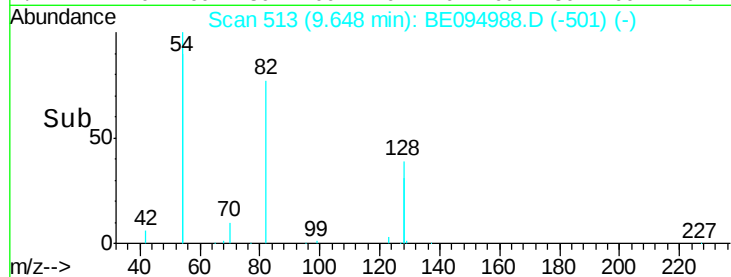
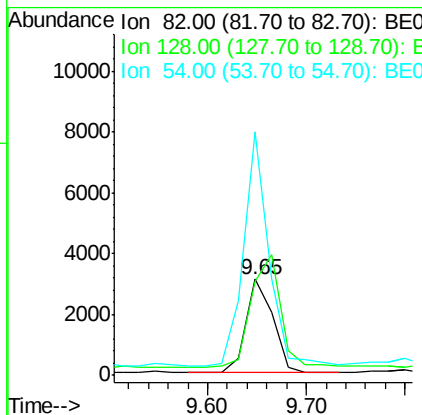
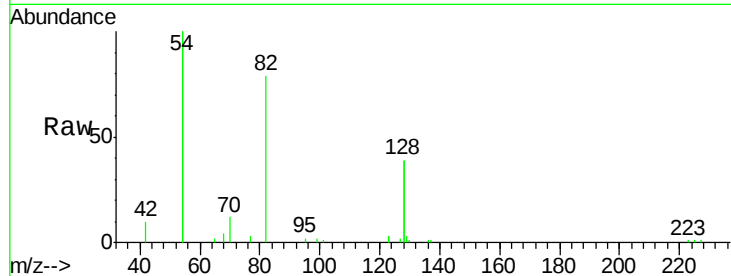
ClientSampleId :

KY038PS027-171211

Tot Ion:	82	Resp:	5882
Ion Ratio	Lower	Upper	
82	100		
128	98.0	150.0	225.0#
54	253.6	154.2	231.4#

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#9

Naphthalene

Concen: 0.034 ng

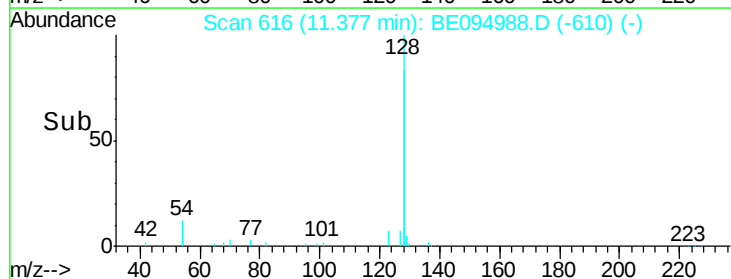
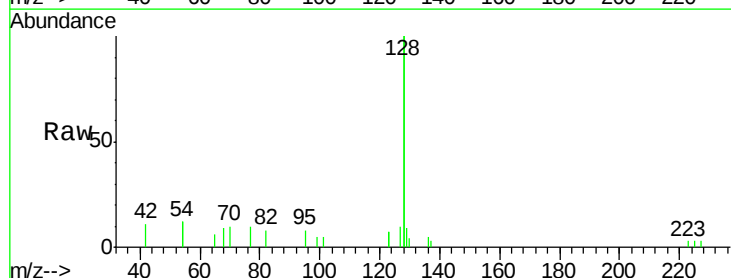
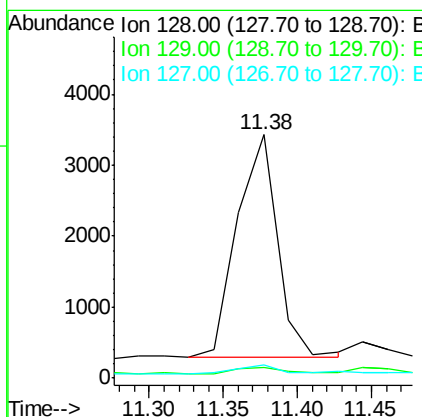
RT: 11.38 min Scan# 616

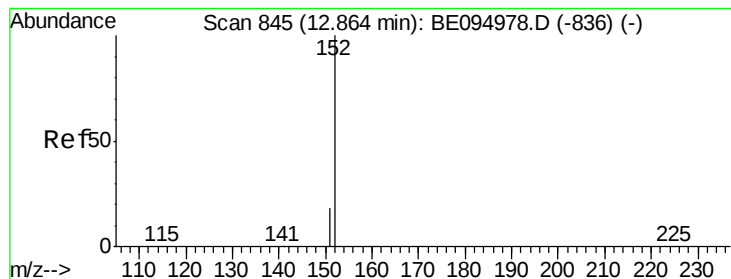
Delta R.T. 0.00 min

Lab File: BE094988.D

Acq: 14 Dec 2017 21:57

Tgt Ion:	128	Resp:	5918
Ion Ratio	Lower	Upper	
128	100		
129	4.3	2.6	3.8#
127	5.2	2.8	4.2#





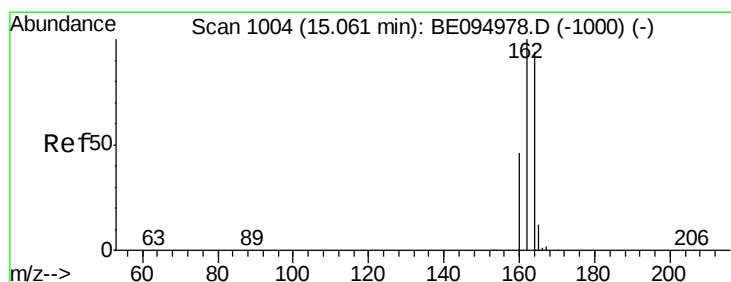
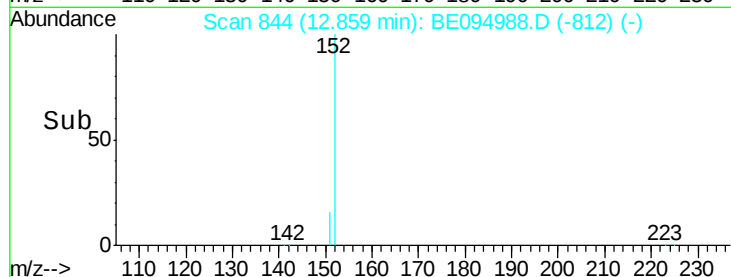
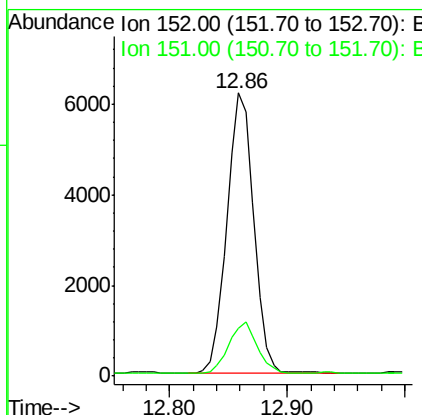
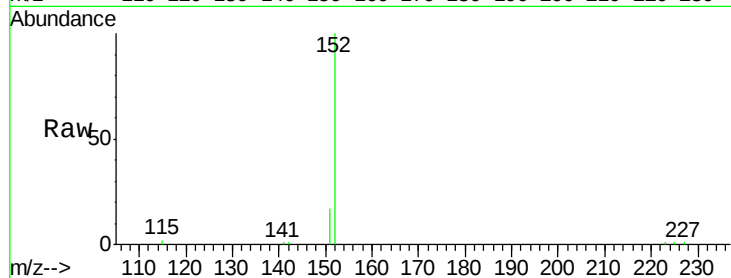
#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng
 RT: 12.86 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BE094988.D
 Acq: 14 Dec 2017 21:57

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-171211

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

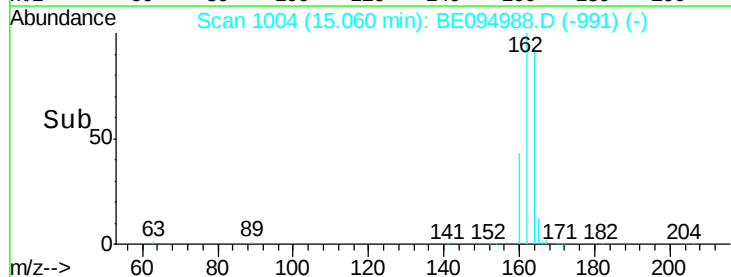
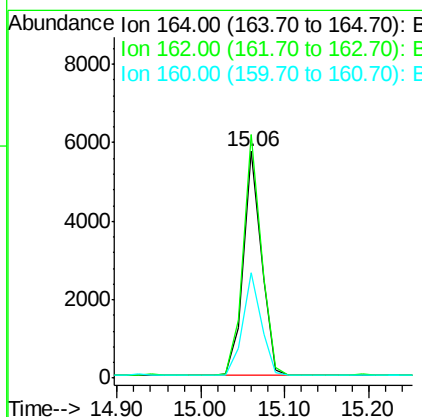
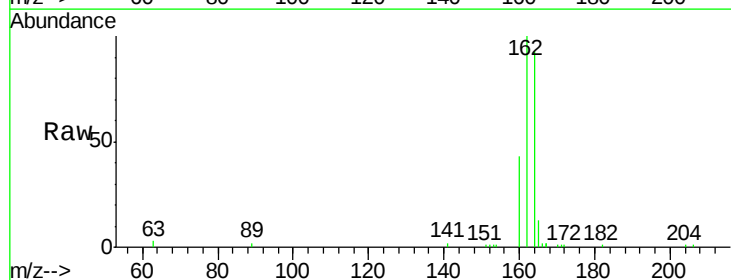
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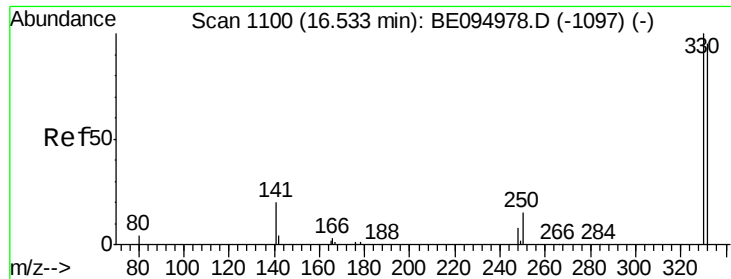
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#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BE094988.D
 Acq: 14 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.4	83.1	124.7
160	46.4	37.1	55.7





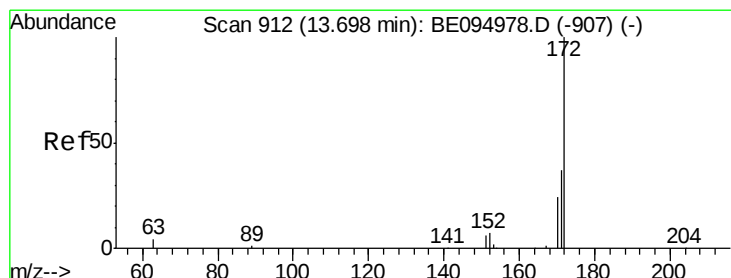
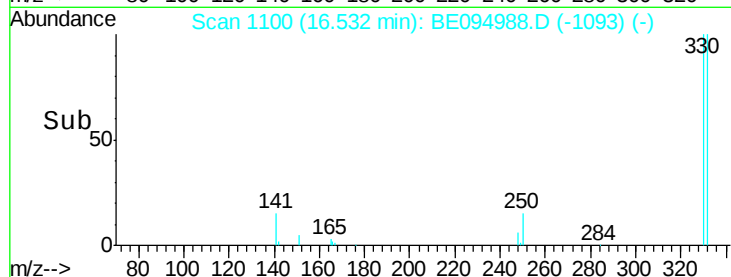
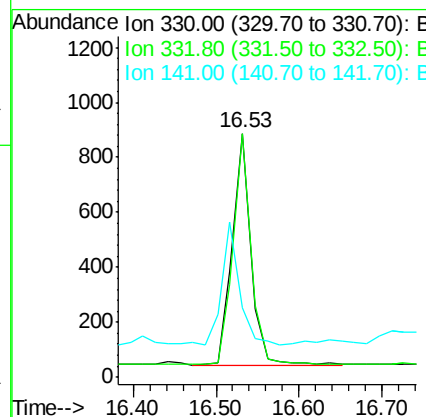
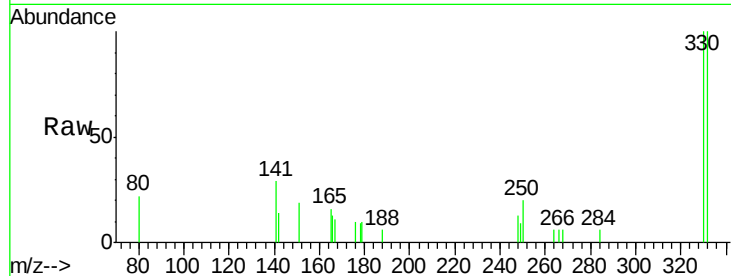
#14
 2,4,6-Tribromophenol
 Concen: 0.657 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BE094988.D
 Acq: 14 Dec 2017 21:57

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-171211

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	50.3	33.7	50.5

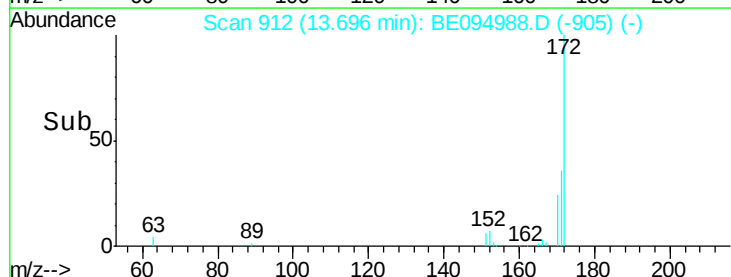
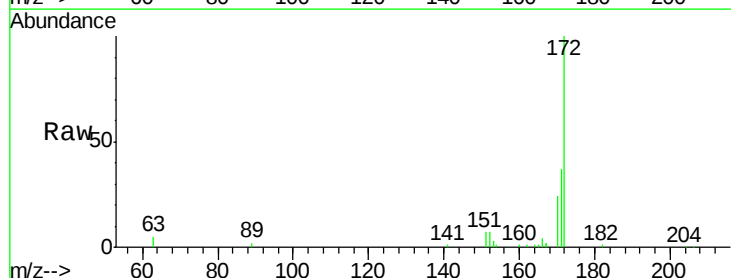
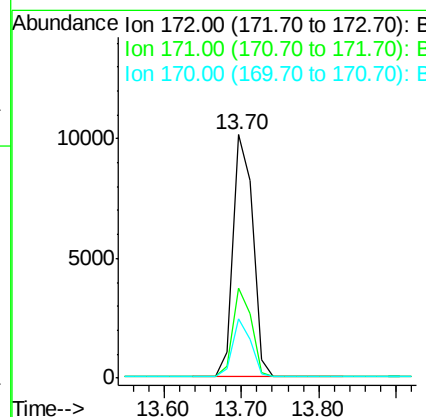
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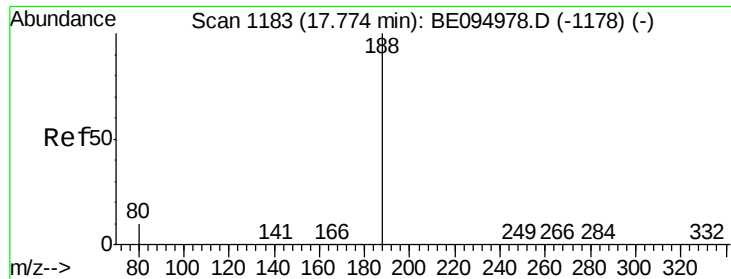
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#15
 2-Fluorobiphenyl
 Concen: 0.474 ng
 RT: 13.70 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE094988.D
 Acq: 14 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.2	21.8	32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094988.D

Acq: 14 Dec 2017 21:57

Instrument :

BNA_E

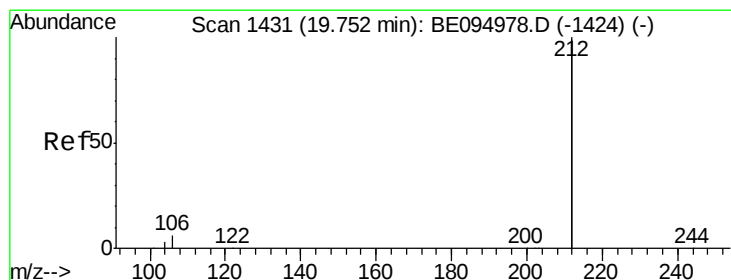
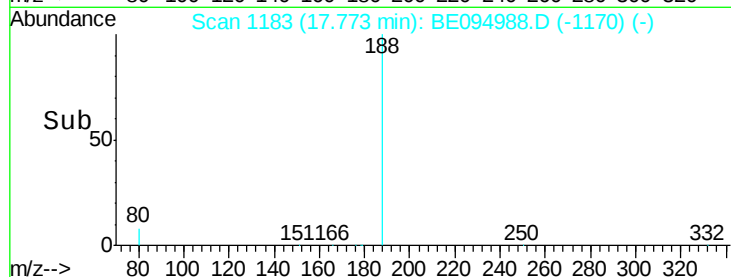
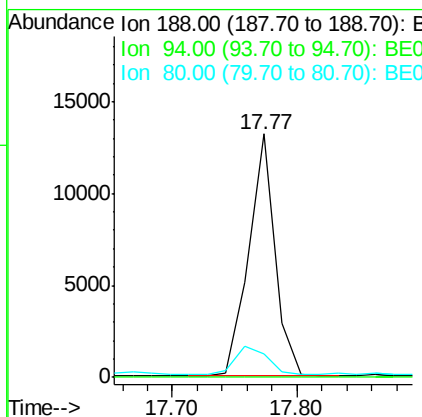
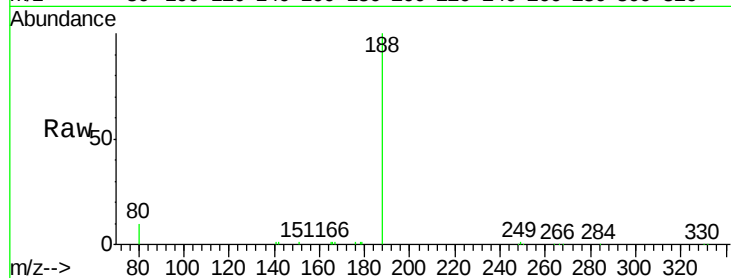
ClientSampleId :

KY038PS027-171211

Tot Ion:	188	Resp:	19226
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	9.6	3.6	5.4#

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#25

Fluoranthene-d10

Concen: 0.446 ng

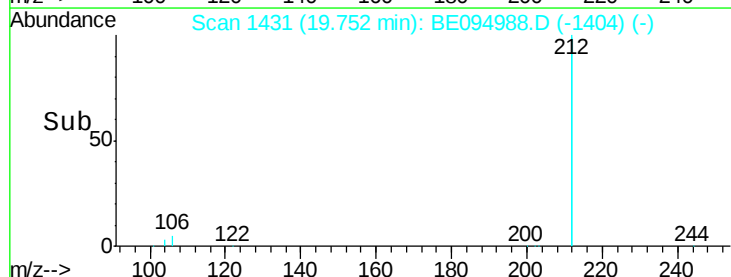
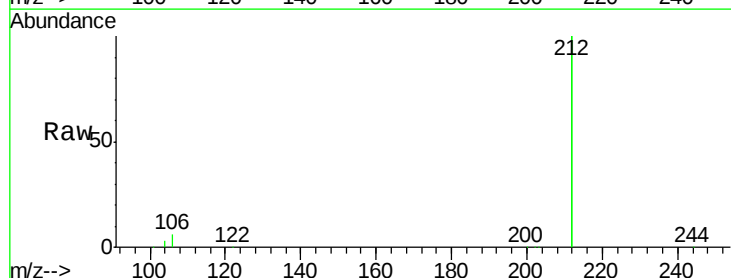
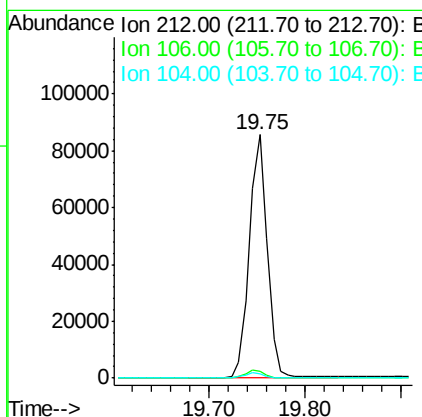
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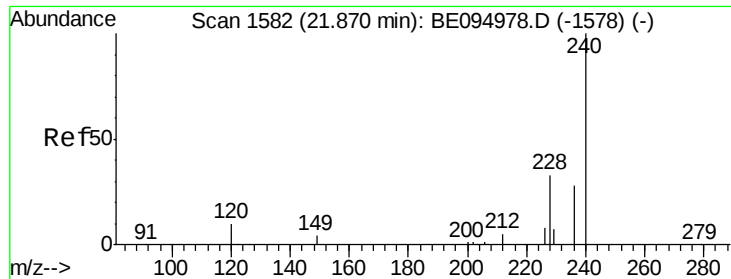
Delta R.T. 0.00 min

Lab File: BE094988.D

Acq: 14 Dec 2017 21:57

Tgt Ion:	212	Resp:	111268
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.8	4.2
104	2.0	1.6	2.4





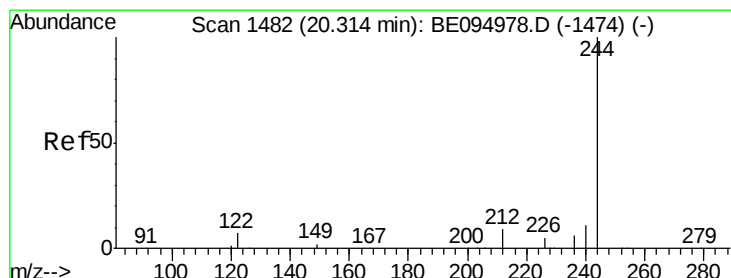
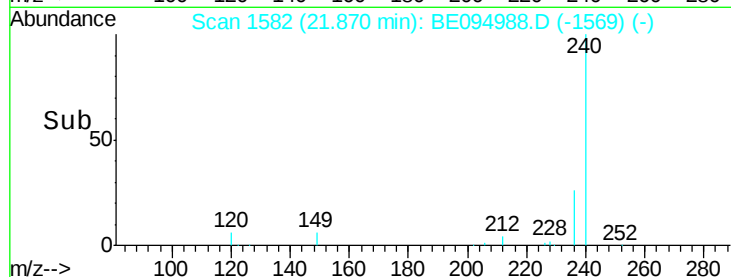
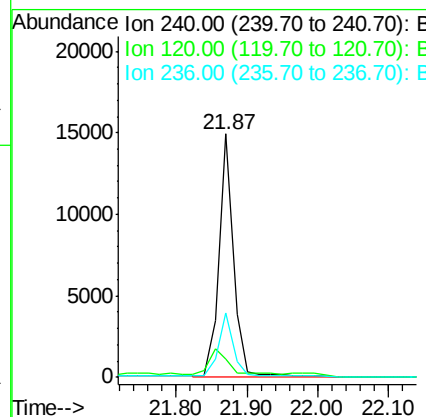
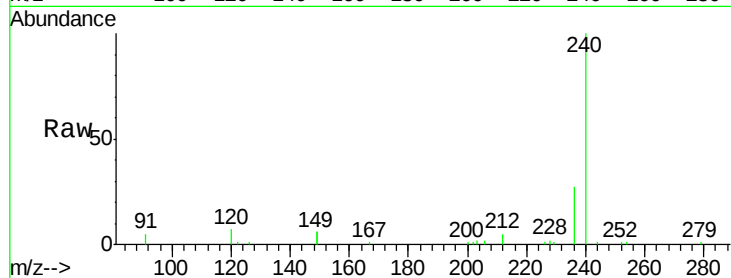
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
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KY038PS027-171211

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	26.6	20.7	31.1

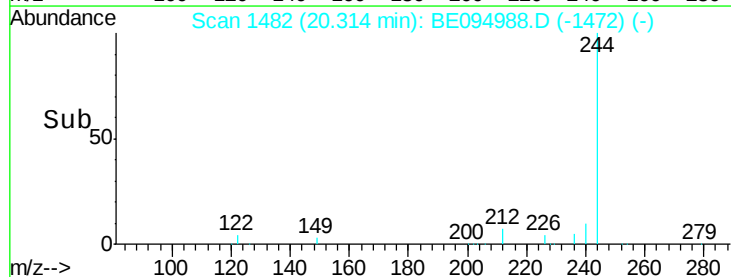
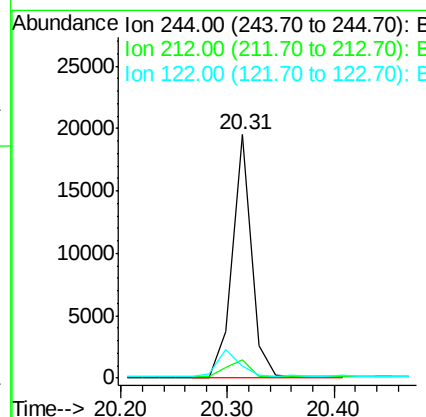
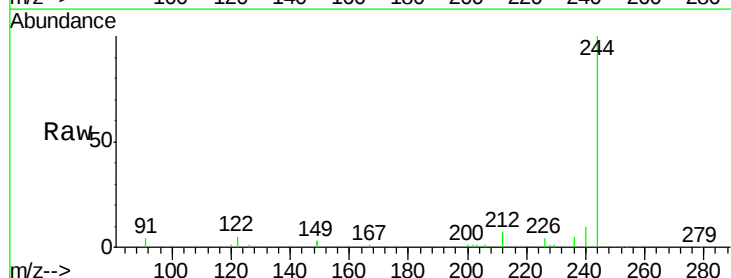
Manual Integrations
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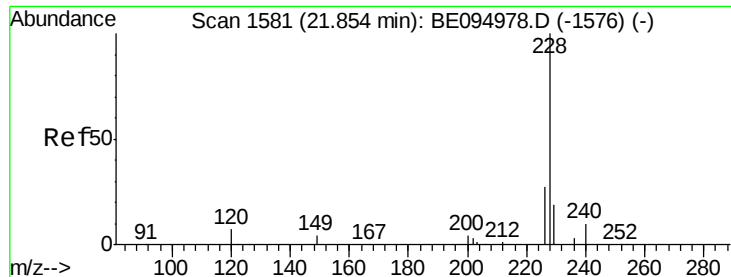
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#29
Terphenyl-d14
Concen: 0.560 ng
RT: 20.31 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	25.4	38.0#
122	5.1	8.1	12.1#





#30

Benzo(a)anthracene

Concen: 0.044 ng

RT: 21.85 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE094988.D

Acq: 14 Dec 2017 21:57

Instrument :

BNA_E

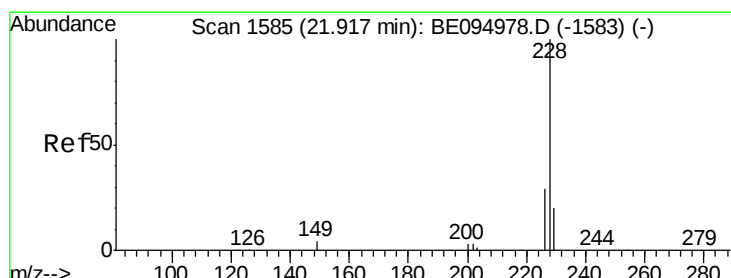
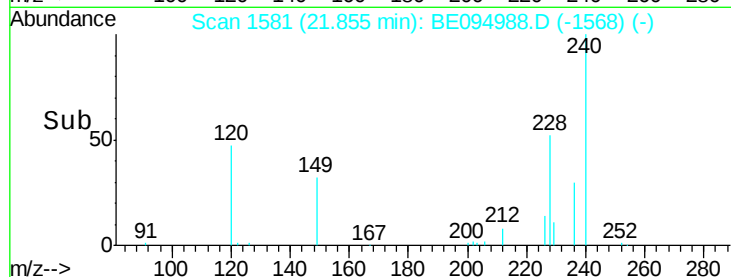
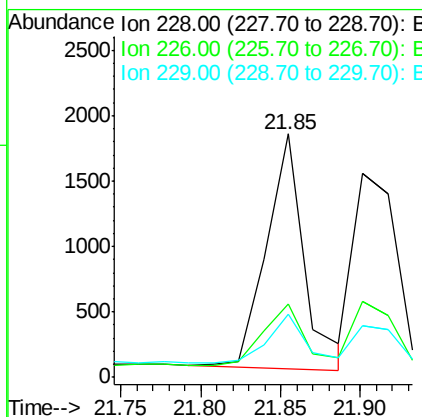
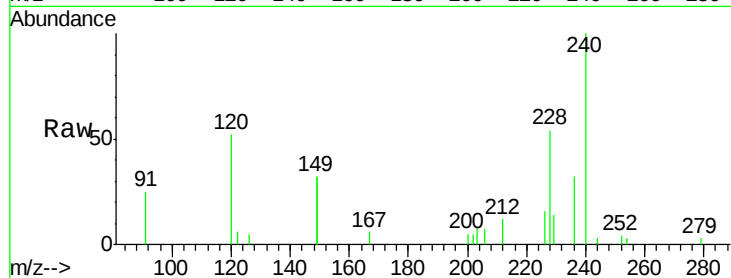
ClientSampleId :

KY038PS027-171211

Tot Ion:	228	Resp:	2959
Ion Ratio	Lower	Upper	
228	100		
226	29.9	40.0	60.0#
229	26.0	40.0	60.0#

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#31

Chrysene

Concen: 0.035 ng m

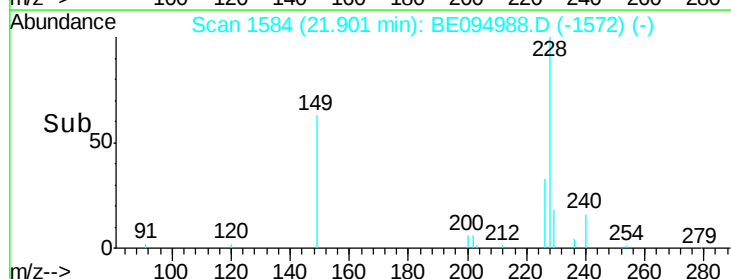
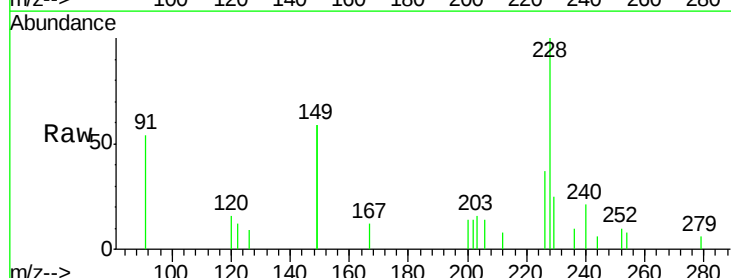
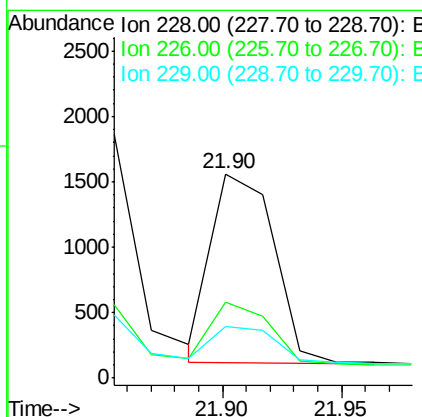
RT: 21.90 min Scan# 1584

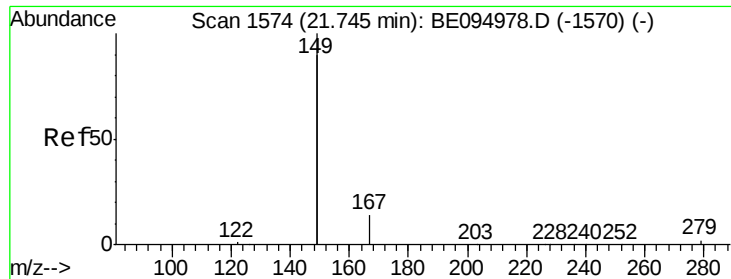
Delta R.T. -0.02 min

Lab File: BE094988.D

Acq: 14 Dec 2017 21:57

Tgt Ion:	228	Resp:	2640
Ion Ratio	Lower	Upper	
228	100		
226	37.3	40.0	60.0#
229	25.1	40.0	60.0#





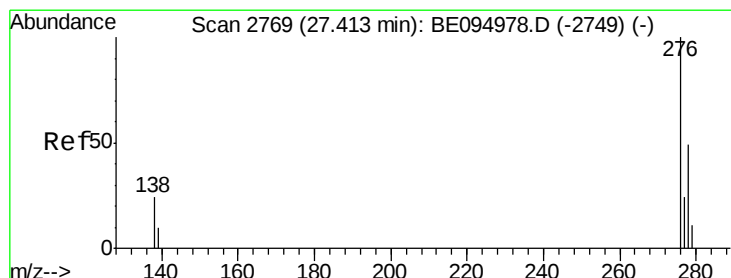
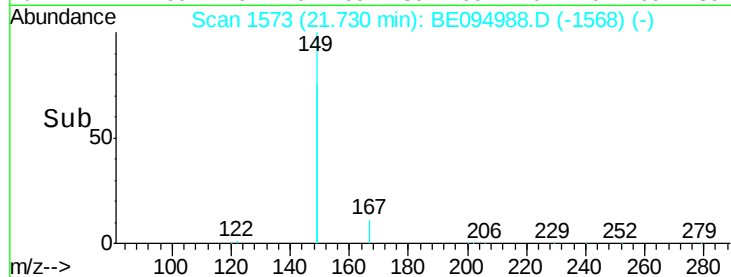
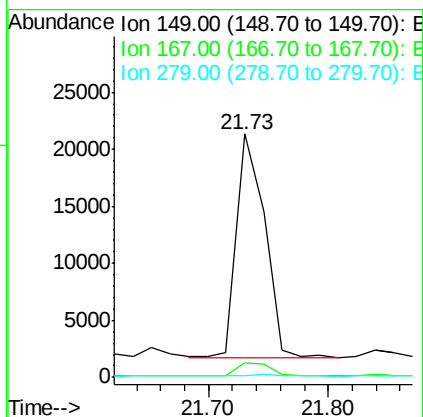
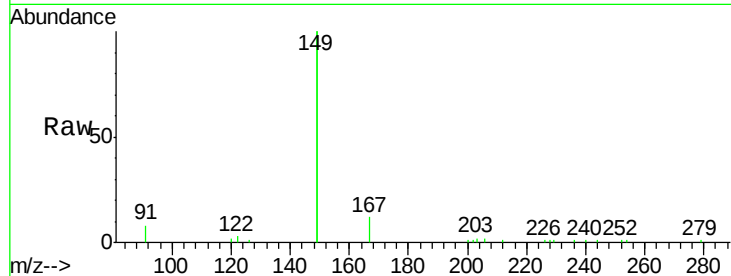
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.367 ng
 RT: 21.73 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: BE094988.D
 Acq: 14 Dec 2017 21:57

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-171211

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.8	0.7	1.1

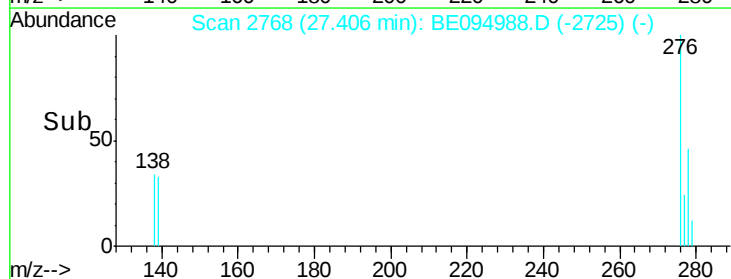
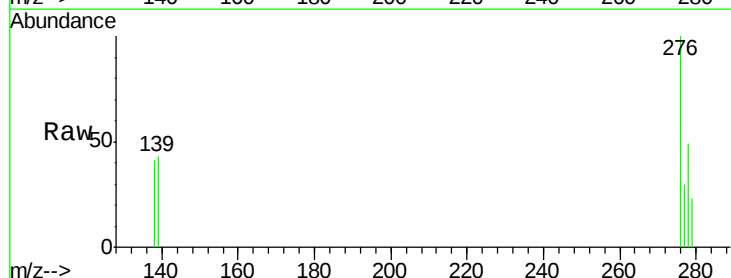
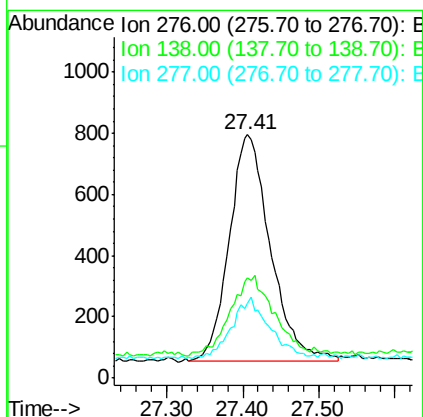
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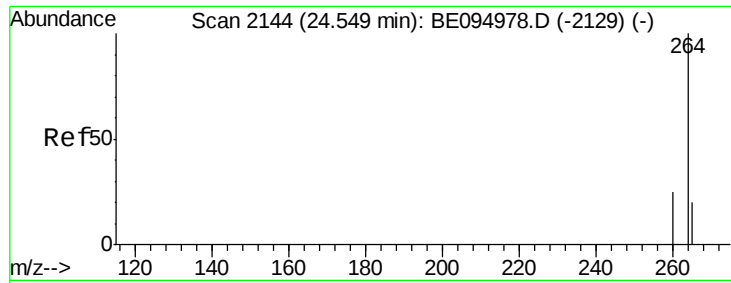
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#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.045 ng
 RT: 27.41 min Scan# 2768
 Delta R.T. -0.01 min
 Lab File: BE094988.D
 Acq: 14 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.1	22.5	33.7#
277	25.4	19.9	29.9





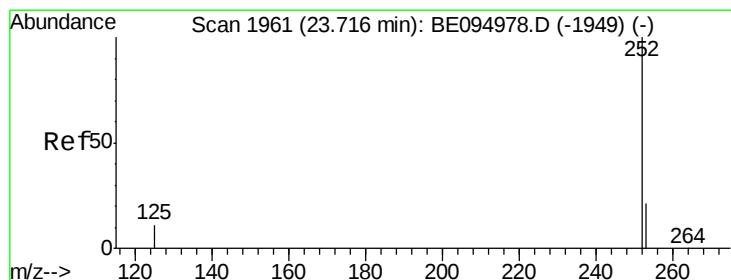
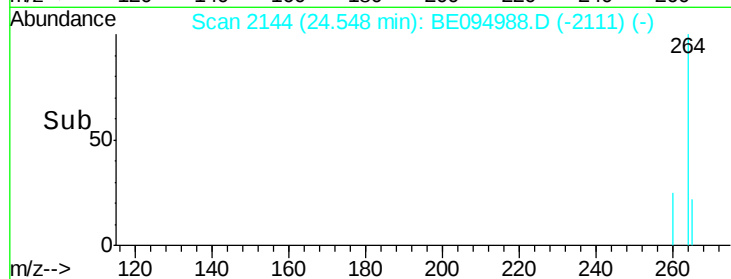
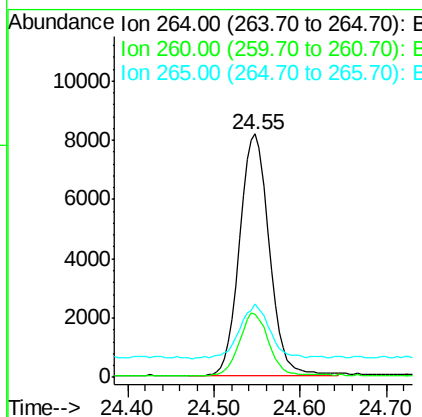
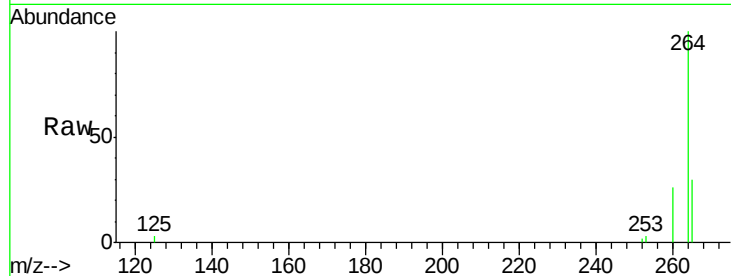
#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.55 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	29.9	22.8	34.2

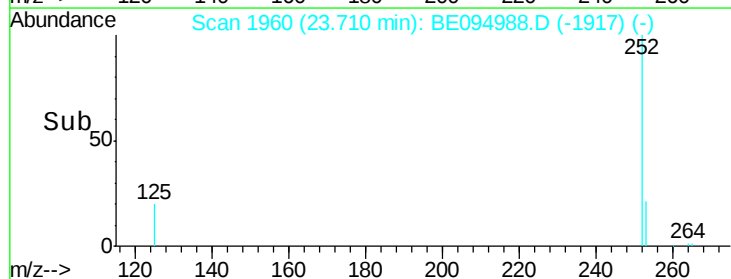
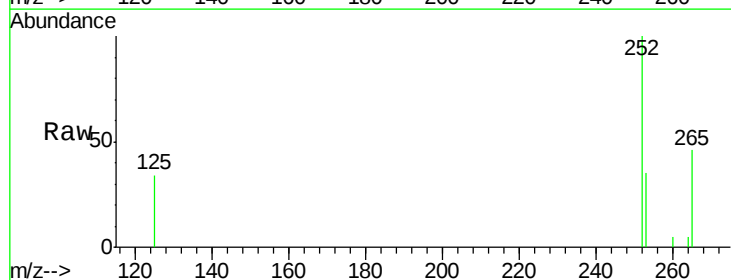
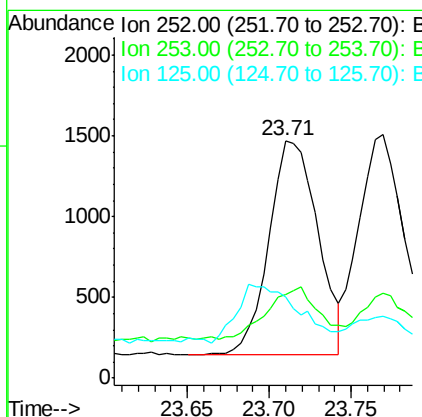
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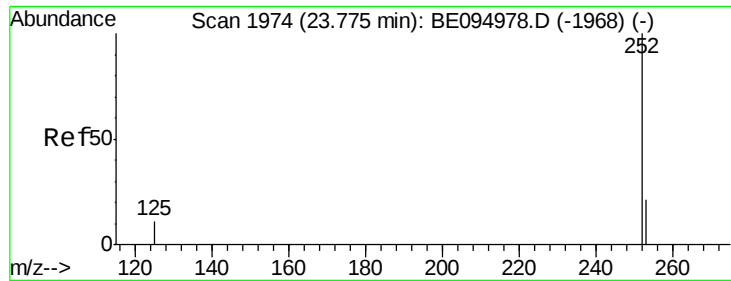
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#35
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 23.71 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.4	20.0	30.0#
125	34.0	16.0	24.0#





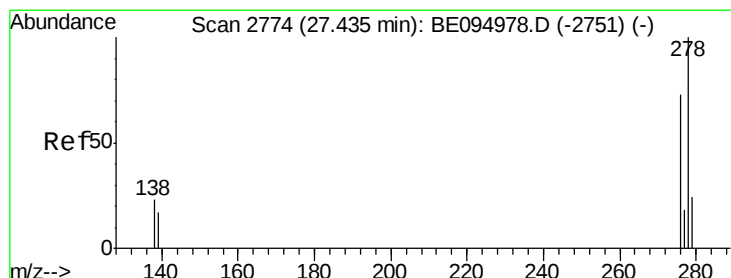
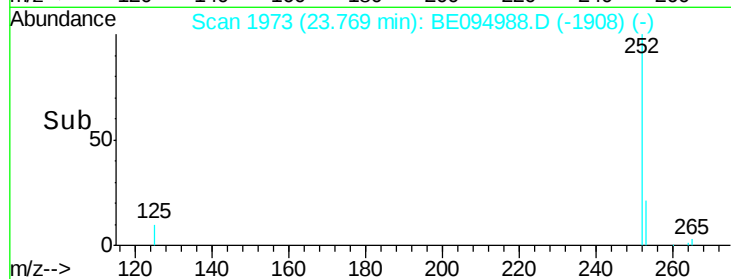
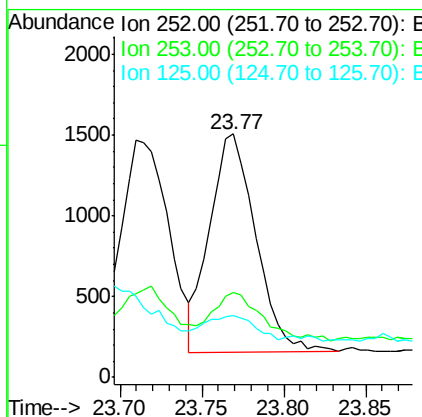
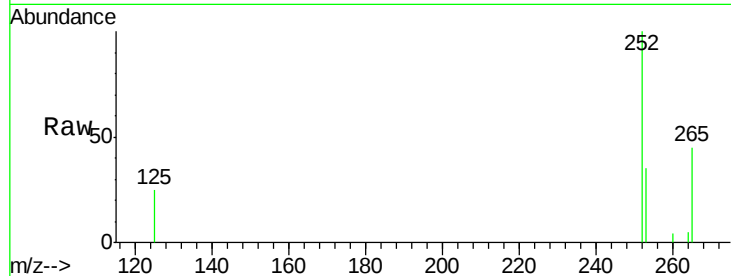
#36
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 23.77 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Instrument :
BNA_E
ClientSampleId :
KY038PS027-171211

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.6	16.0	24.0#
125	25.3	8.0	12.0#

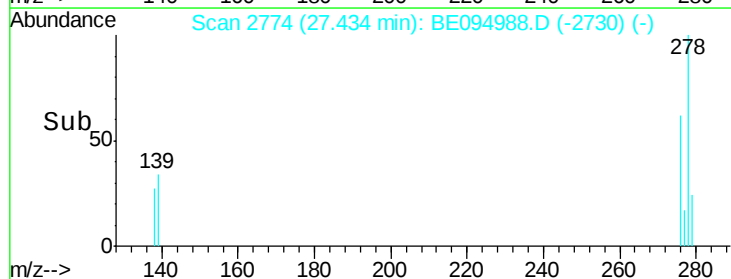
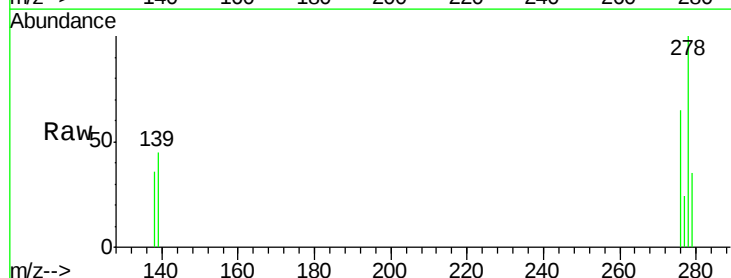
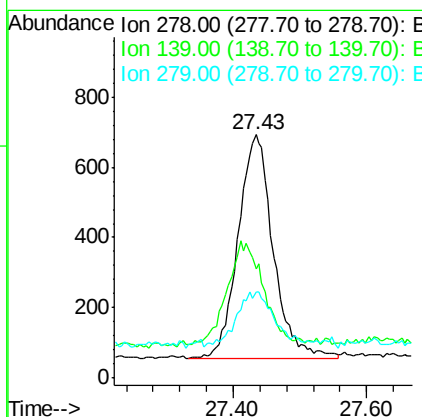
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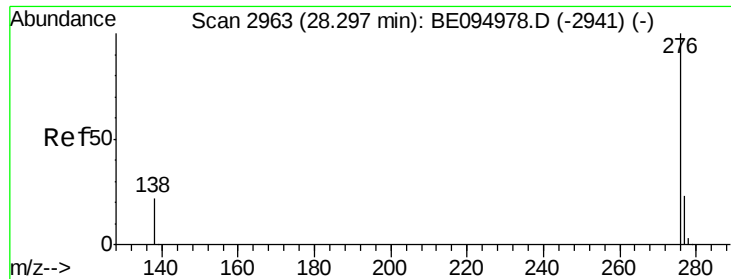
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#38
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 27.43 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BE094988.D
Acq: 14 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.0	16.0	24.0#
279	35.4	20.0	30.0#





#39

Benzo(a,h,i)perylene

Concen: 0.038 ng

RT: 28.29 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BE094988.D

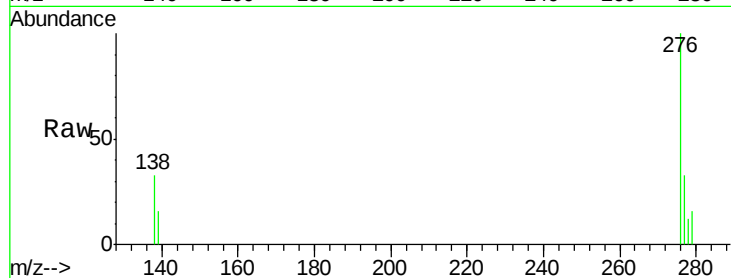
Acq: 14 Dec 2017 21:57

Instrument :

BNA_E

ClientSampleId :

KY038PS027-171211



Tot Ion:	276	Resp:	2212
Ion Ratio	Lower	Upper	
276	100		
277	32.8	16.0	24.0#
138	33.4	20.0	30.0#

Manual Integrations
APPROVED

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