

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121417\
 Data File : BE094990.D
 Acq On : 14 Dec 2017 23:08
 Operator : SJ/JU
 Sample : I6876-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-171211

Manual Integrations
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 12/15/2017 7:54:52 PM

Quant Time: Dec 15 08:28:35 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	6727	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	14459	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	7978	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	18963	0.40	ng	0.00
27) Chrysene-d12	21.87	240	21540	0.40	ng	0.00
34) Perylene-d12	24.55	264	17983	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1636	0.16	ng	0.00
5) Phenol-d6	7.59	99	1403	0.09	ng	0.00
8) Nitrobenzene-d5	9.65	82	5112	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	8837	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	745	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	14360	0.41	ng	0.00
25) Fluoranthene-d10	19.75	212	95838	0.39	ng	0.00
29) Terphenyl-d14	20.31	244	19402	0.48	ng	0.00
Target Compounds						
30) Benzo(a)anthracene	21.85	228	2444	0.039	ng	Qvalue # 65
31) Chrysene	21.90	228	2279m	0.032	ng	
33) Indeno(1,2,3-cd)pyrene	27.41	276	2352	0.041	ng	100
35) Benzo(b)fluoranthene	23.71	252	2417	0.037	ng	# 82
36) Benzo(k)fluoranthene	23.77	252	2301	0.034	ng	# 60
37) Benzo(a)pyrene	24.42	252	2036	0.035	ng	# 52
38) Dibenzo(a,h)anthracene	27.43	278	1868	0.034	ng	# 79
39) Benzo(g,h,i)perylene	28.29	276	2034	0.038	ng	# 82

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

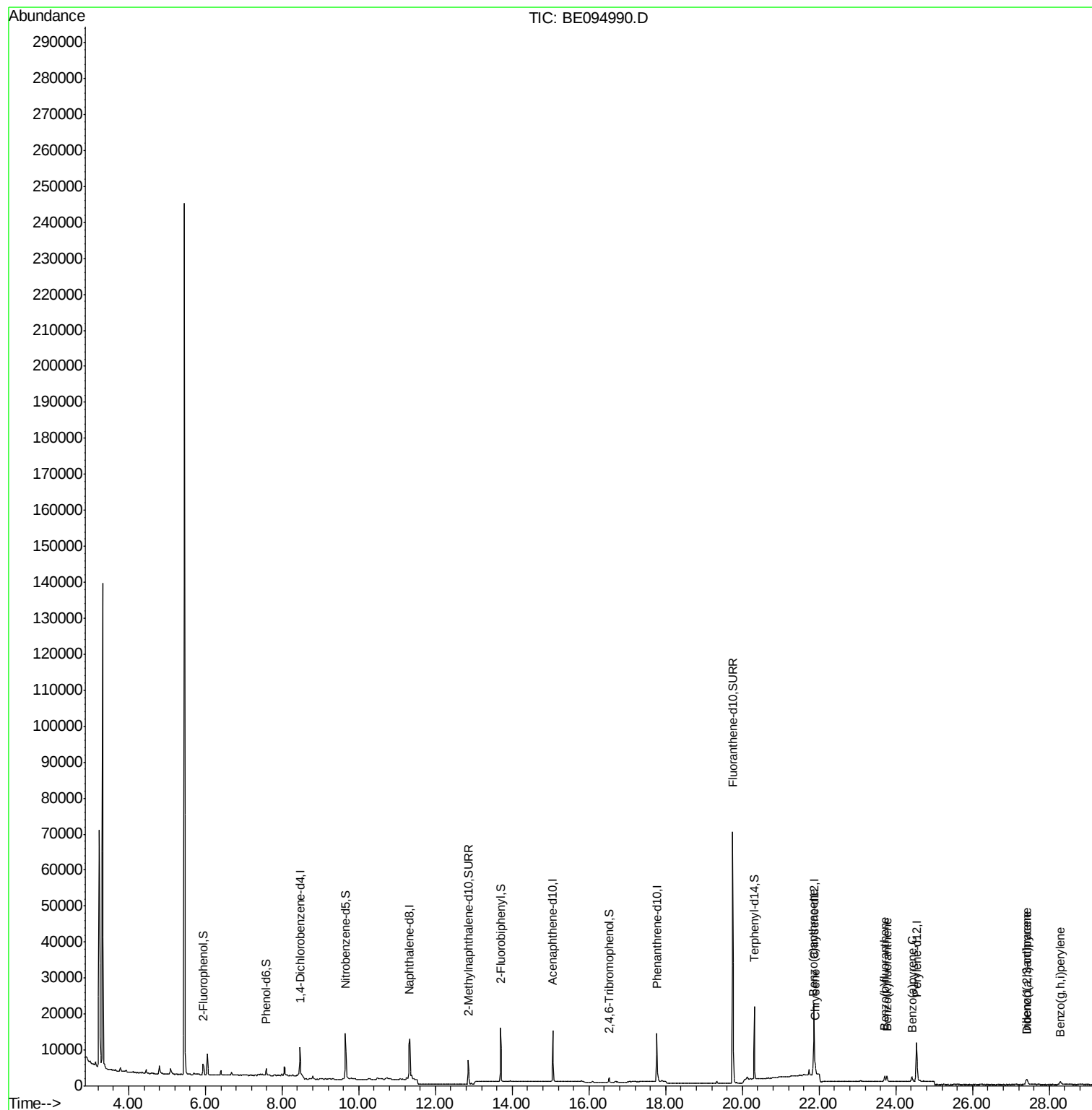
Data Path : Z:\HPCHEM1\BNA E\DATA\BE121417\
Data File : BE094990.D
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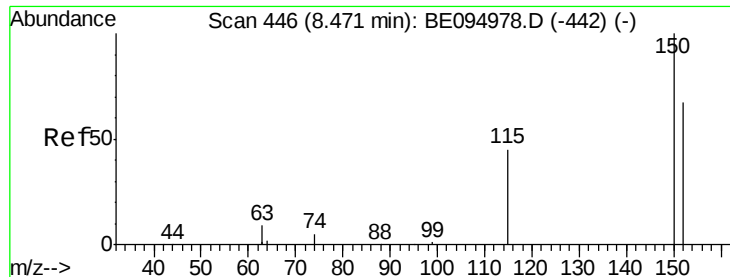
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. 0.00 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Instrument :

BNA_E

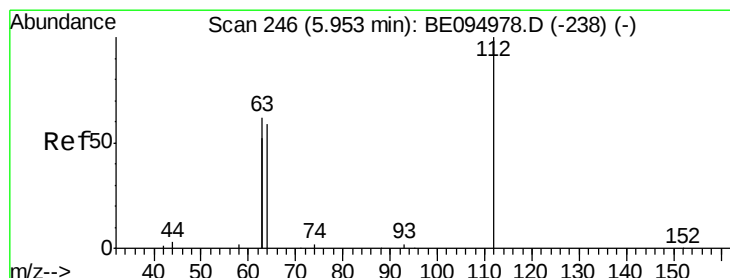
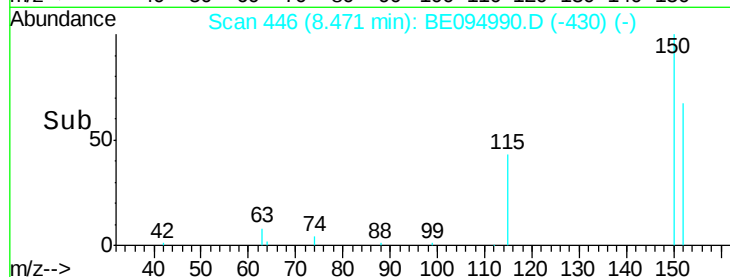
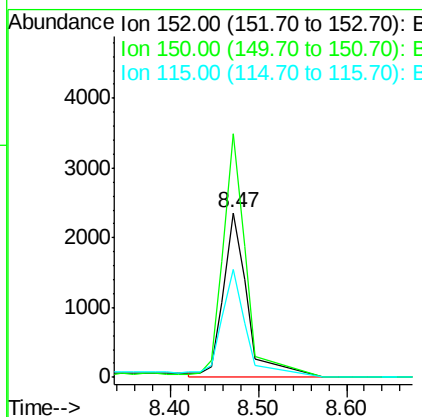
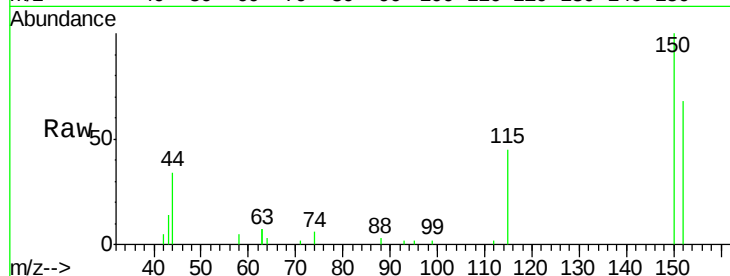
ClientSampleId :

KY038PS034-171211

Tot Ion:	152	Resp:	6727
Ion	Ratio	Lower	Upper
152	100		
150	148.0	117.2	175.8
115	65.9	57.0	85.6

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#4

2-Fluorophenol

Concen: 0.157 ng

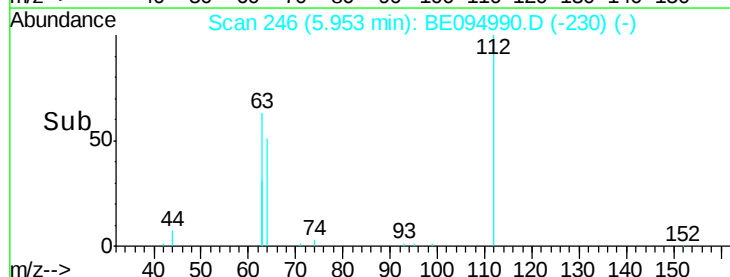
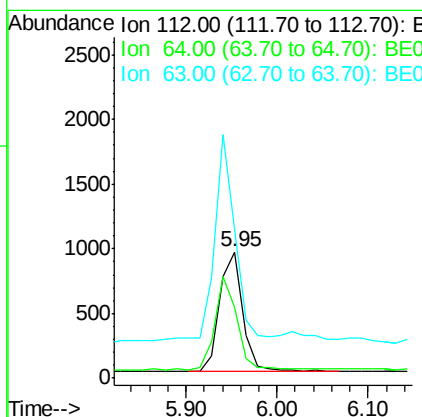
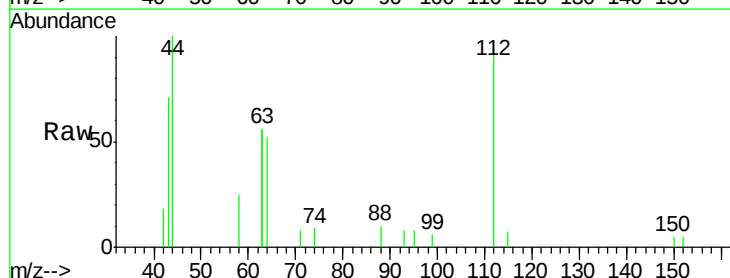
RT: 5.95 min Scan# 246

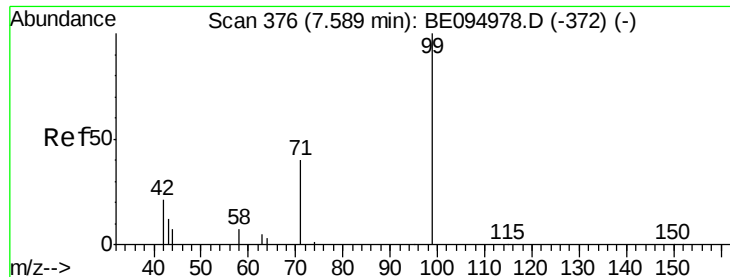
Delta R.T. 0.00 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Tgt Ion:	112	Resp:	1636
Ion	Ratio	Lower	Upper
112	100		
64	74.8	60.1	90.1
63	152.8	116.8	175.2





#5

Phenol-d6

Concen: 0.090 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Instrument :

BNA_E

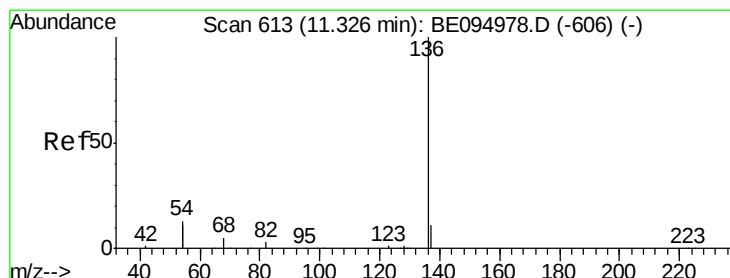
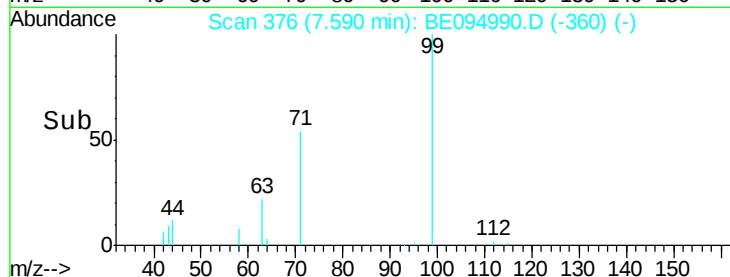
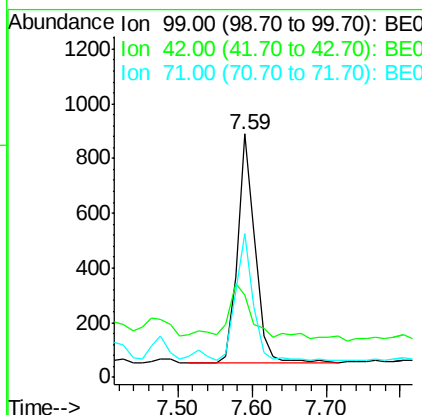
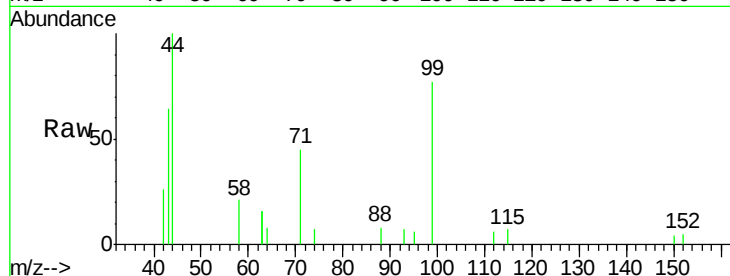
ClientSampleId :

KY038PS034-171211

Tot Ion:	99	Resp:	1403
Ion	Ratio	Lower	Upper
99	100		
42	29.5	20.2	30.2
71	54.9	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

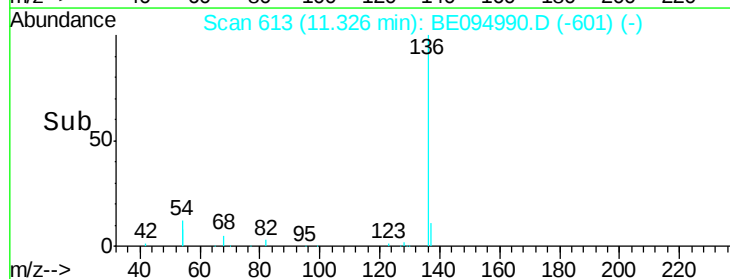
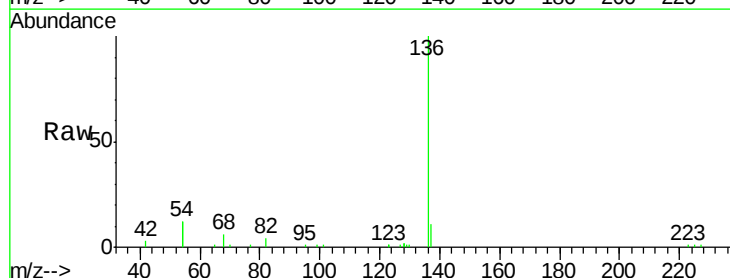
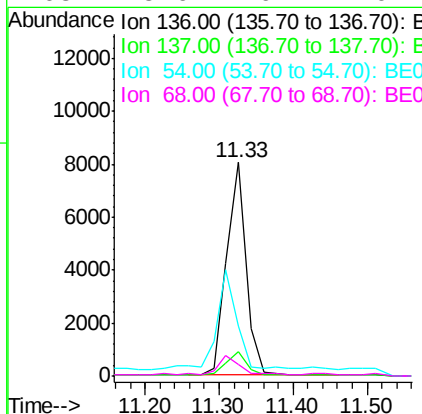
RT: 11.33 min Scan# 613

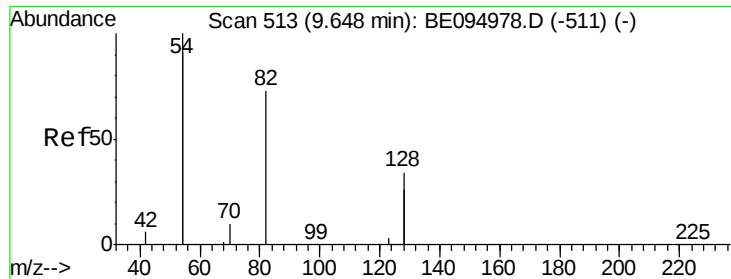
Delta R.T. -0.00 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Tgt Ion:	136	Resp:	14459
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	23.4	29.1	43.7#
68	5.6	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.431 ng

RT: 9.65 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Instrument :

BNA_E

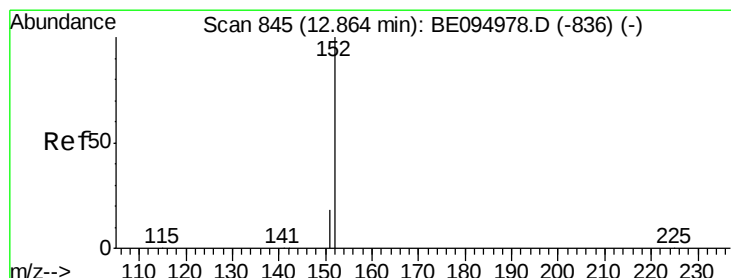
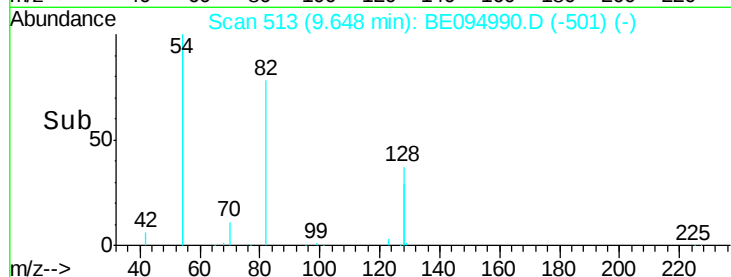
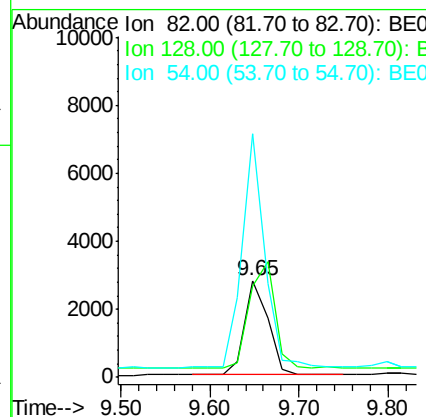
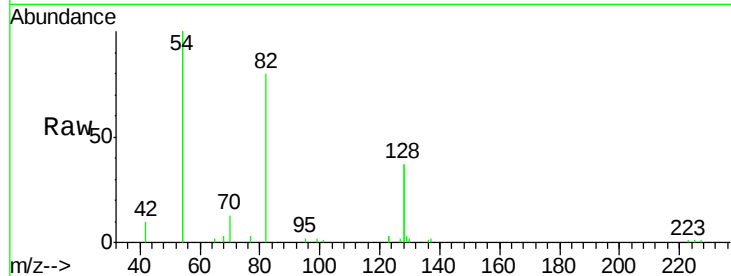
ClientSampleId :

KY038PS034-171211

Tot Ion	Ratio	Lower	Upper
82	100		
128	93.5	150.0	225.0#
54	250.9	154.2	231.4#

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#11

2-Methylnaphthalene-d10

Concen: 0.373 ng

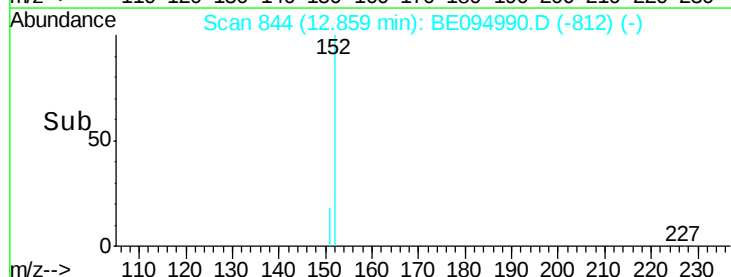
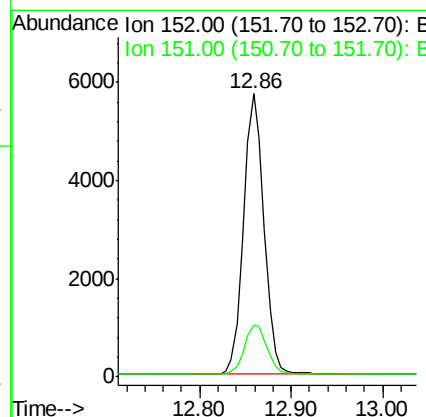
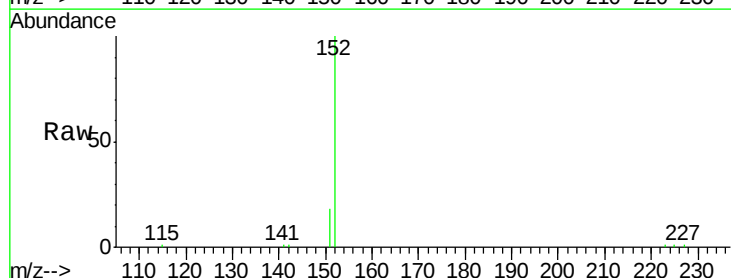
RT: 12.86 min Scan# 844

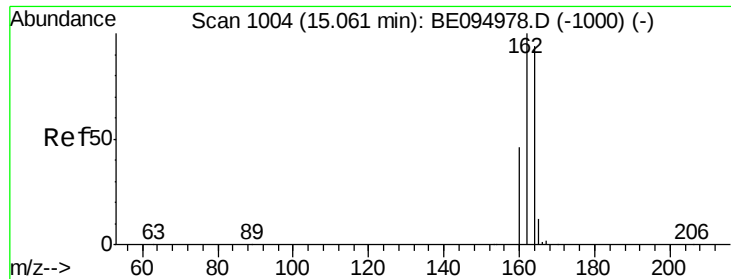
Delta R.T. -0.01 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0





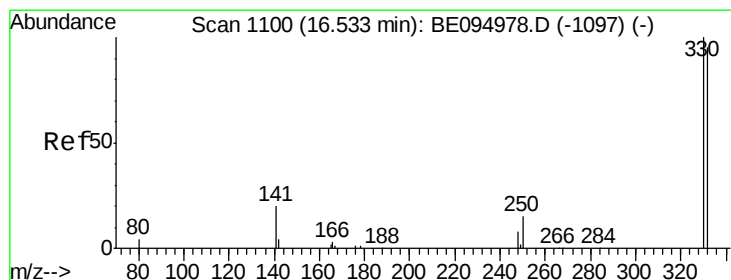
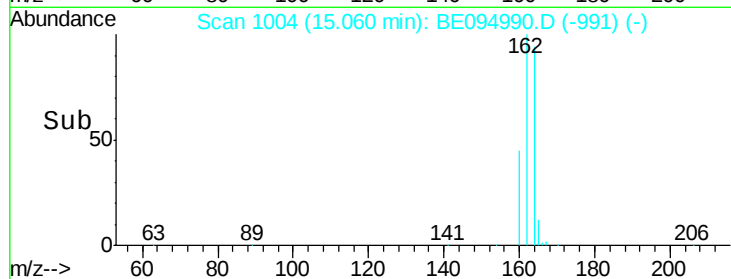
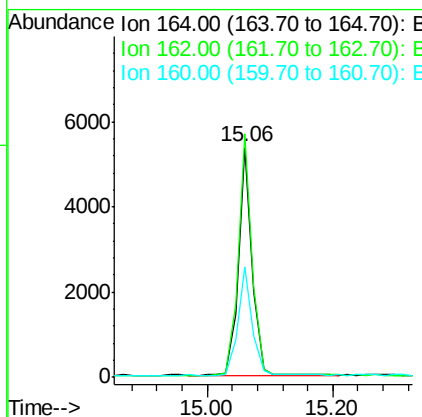
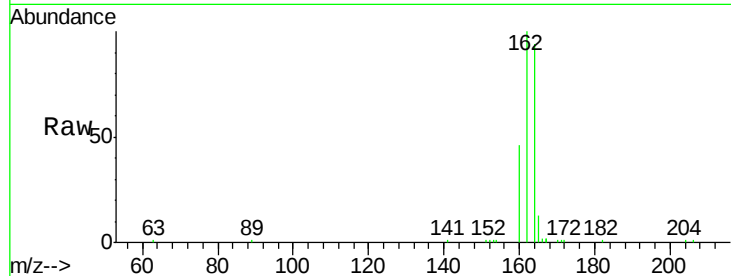
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094990.D
Acq: 14 Dec 2017 23:08

Instrument :
BNA_E
ClientSampleId :
KY038PS034-171211

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.1	124.7
160	48.3	37.1	55.7

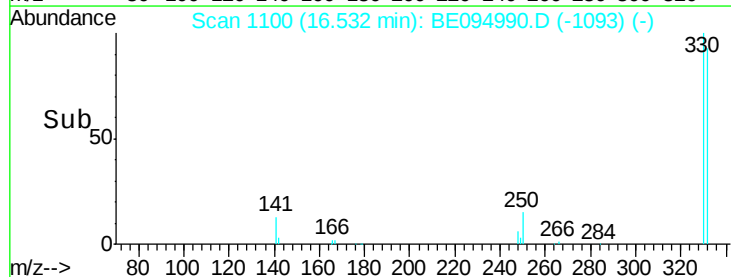
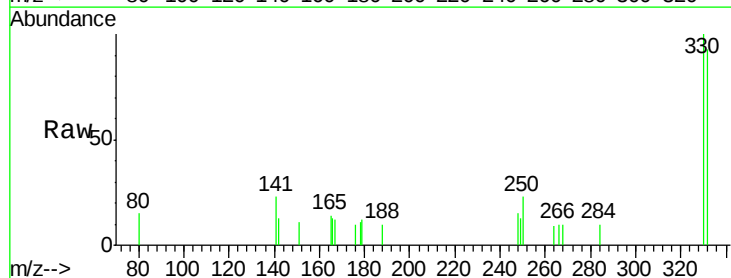
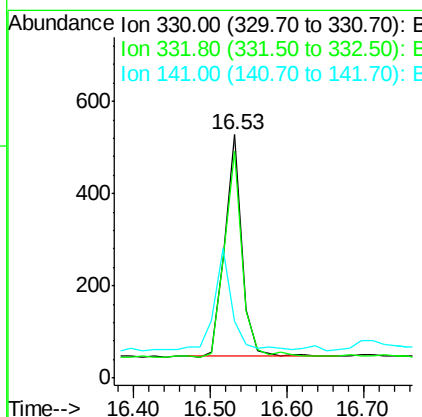
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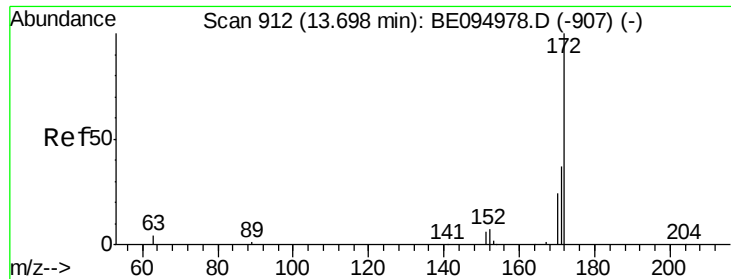
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#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094990.D
Acq: 14 Dec 2017 23:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	46.0	33.7	50.5





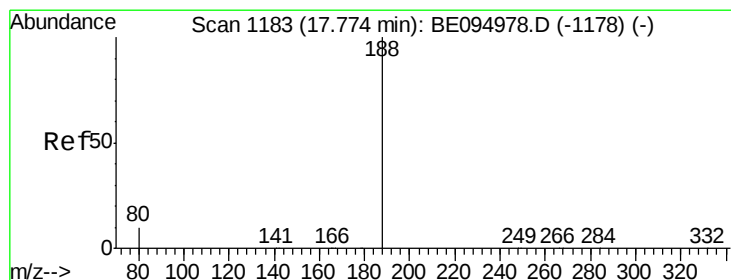
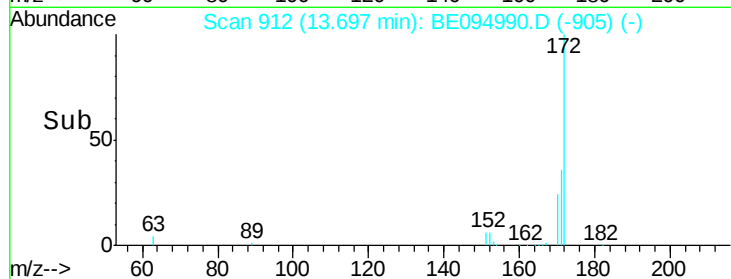
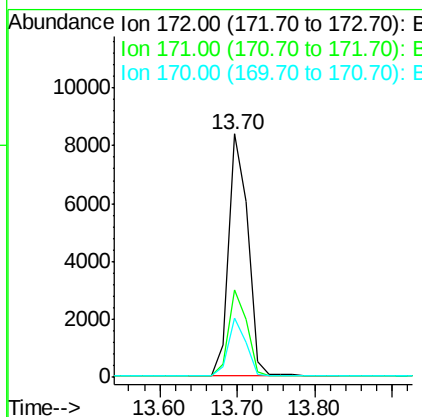
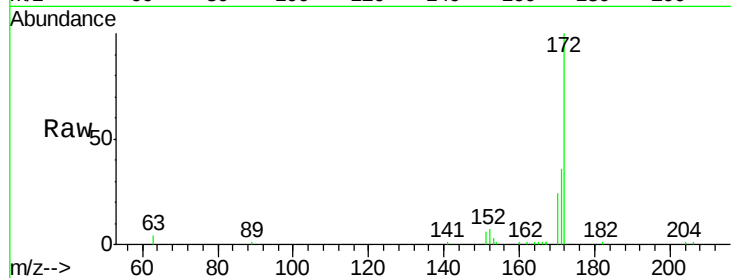
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE094990.D
Acq: 14 Dec 2017 23:08

Instrument :
BNA_E
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Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	24.4	21.8	32.8

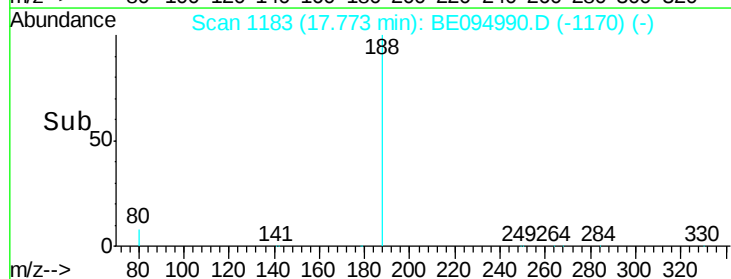
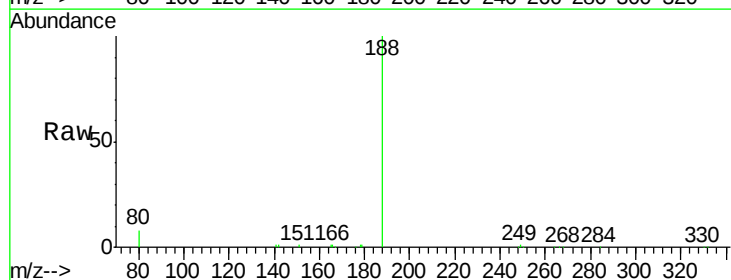
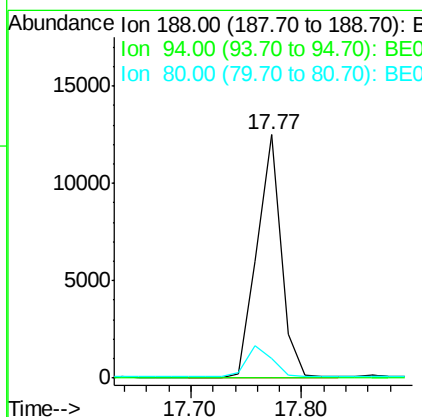
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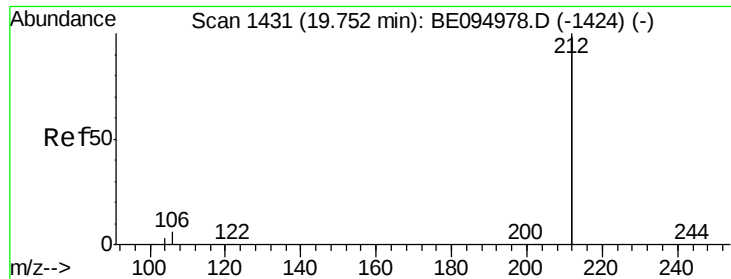
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094990.D
Acq: 14 Dec 2017 23:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.2	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Instrument :

BNA_E

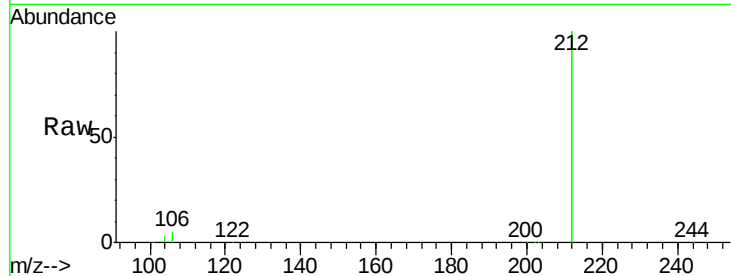
ClientSampleId :

KY038PS034-171211

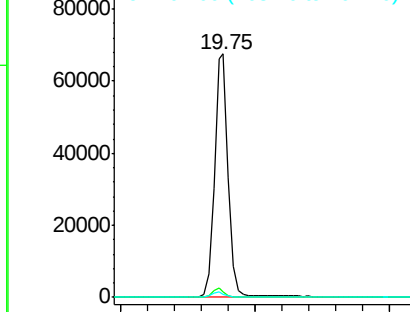
Tot Ion:	212	Resp:	95838
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.8	4.2
104	1.9	1.6	2.4

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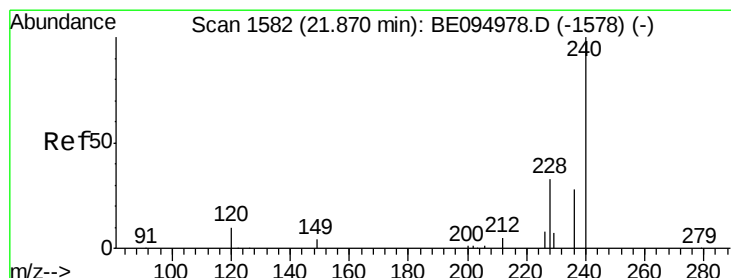
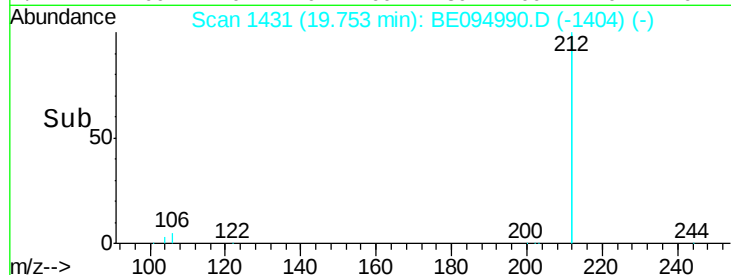
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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 19.60 19.80



#27

Chrysene-d12

Concen: 0.400 ng

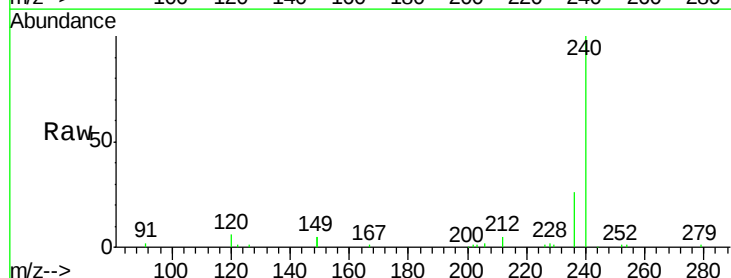
RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

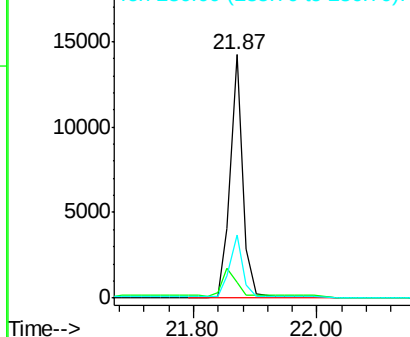
Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

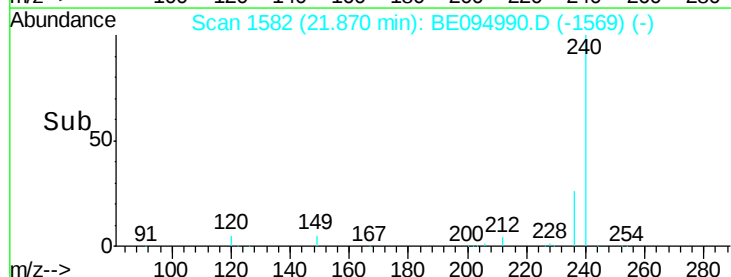
Tgt Ion:	240	Resp:	21540
Ion Ratio	Lower	Upper	
240	100		
120	6.3	5.5	8.3
236	26.2	20.7	31.1

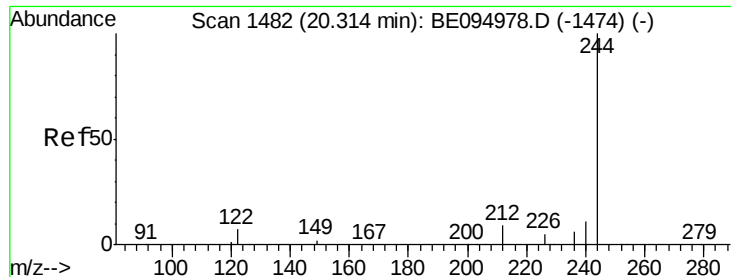


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.80 22.00





#29

Terphenyl-d14

Concen: 0.478 ng

RT: 20.31 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Instrument :

BNA_E

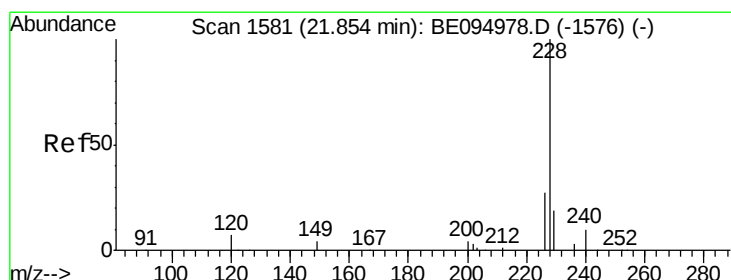
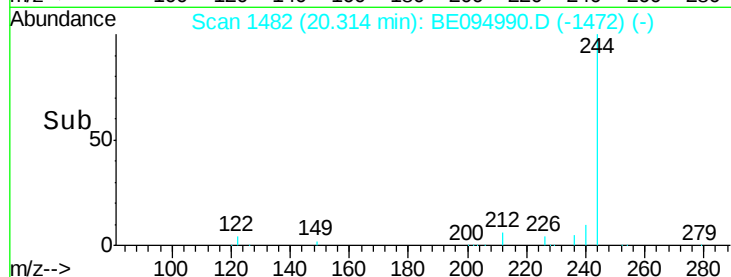
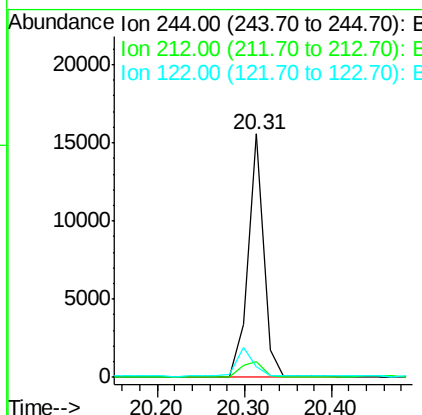
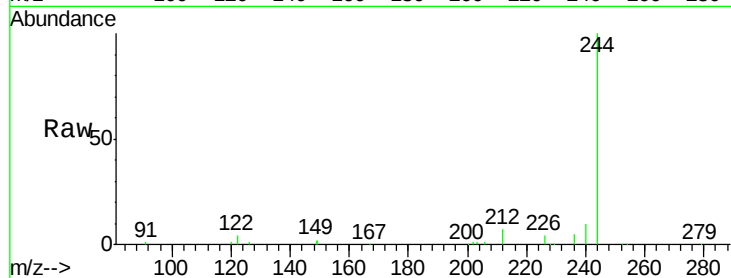
ClientSampleId :

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Tot Ion:244	Resp:	19402
Ion Ratio	Lower	Upper
244 100		
212 6.7	25.4	38.0#
122 4.2	8.1	12.1#

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#30

Benzo(a)anthracene

Concen: 0.039 ng

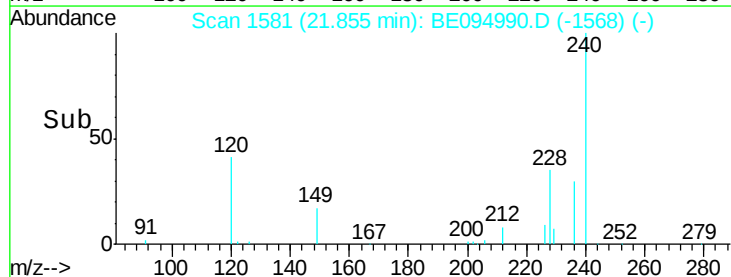
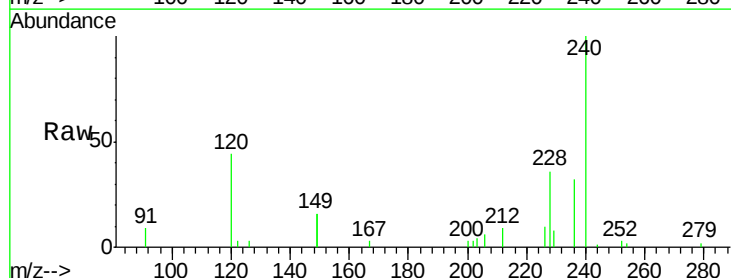
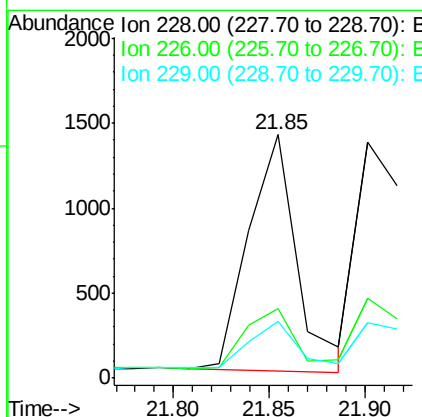
RT: 21.85 min Scan# 1581

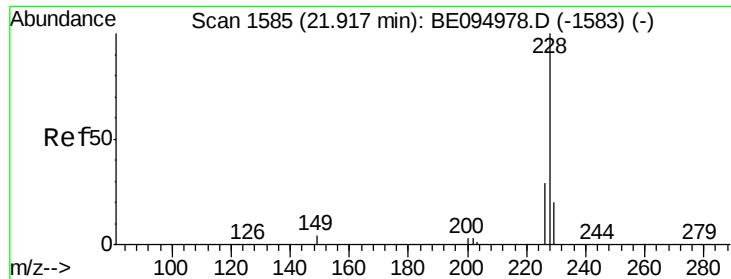
Delta R.T. 0.00 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Tgt Ion:228	Resp:	2444
Ion Ratio	Lower	Upper
228 100		
226 28.5	40.0	60.0#
229 23.4	40.0	60.0#





#31

Chrysene

Concen: 0.032 ng/mL

RT: 21.90 min Scan# 1584

Delta R.T. -0.02 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Instrument :

BNA_E

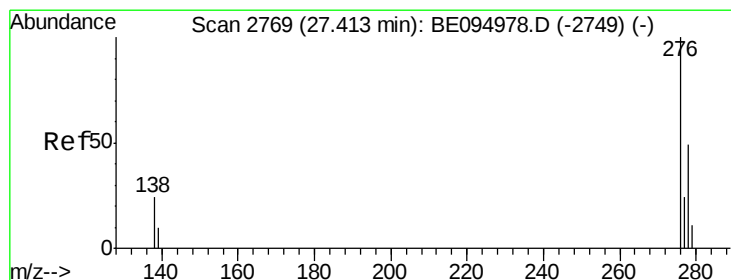
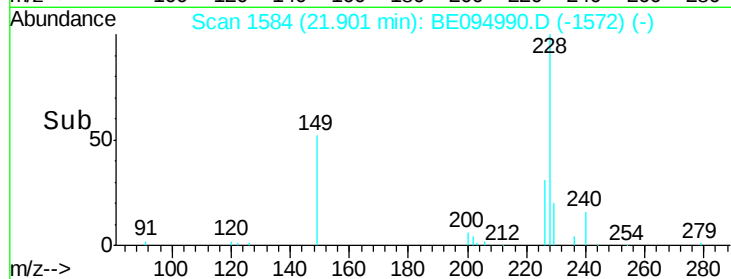
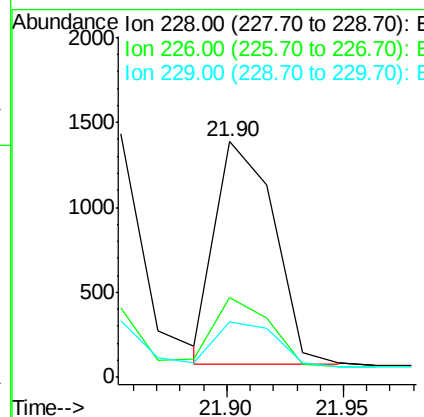
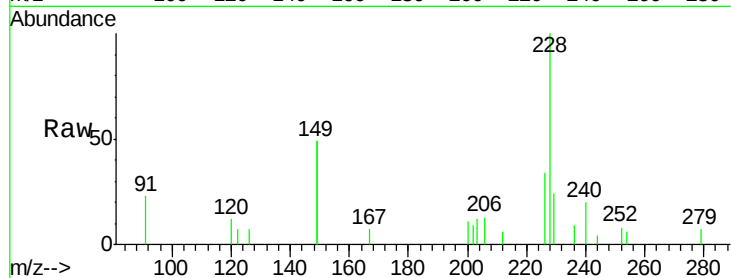
ClientSampleId :

KY038PS034-171211

Tot Ion:	228	Resp:	2279
Ion Ratio	Lower	Upper	
228	100		
226	33.8	40.0	60.0#
229	23.7	40.0	60.0#

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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.041 ng/mL

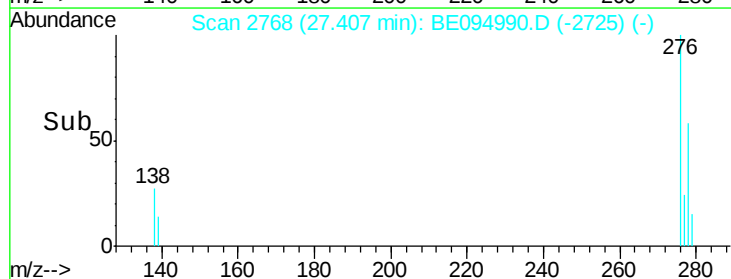
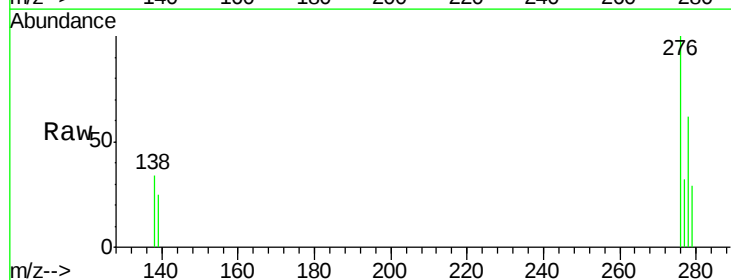
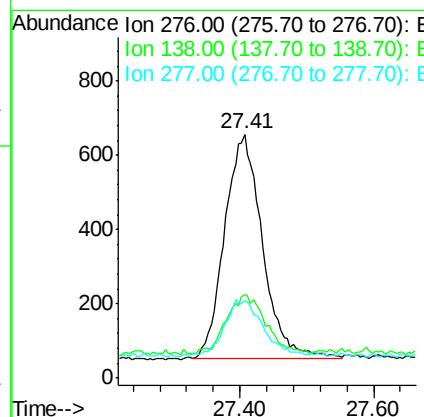
RT: 27.41 min Scan# 2768

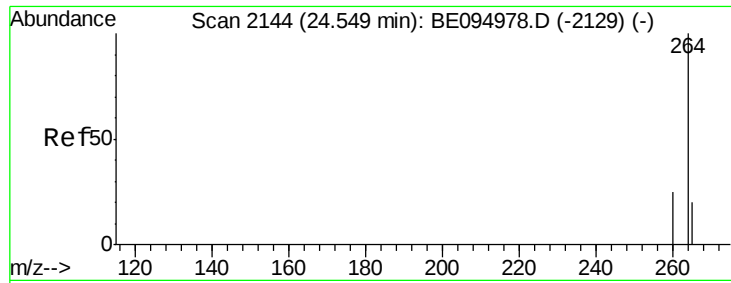
Delta R.T. -0.01 min

Lab File: BE094990.D

Acq: 14 Dec 2017 23:08

Tgt Ion:	276	Resp:	2352
Ion Ratio	Lower	Upper	
276	100		
138	28.5	22.5	33.7
277	24.8	19.9	29.9





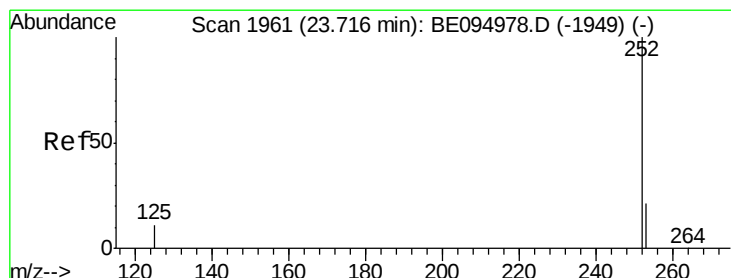
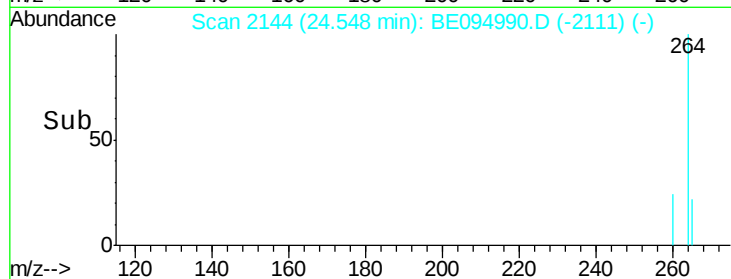
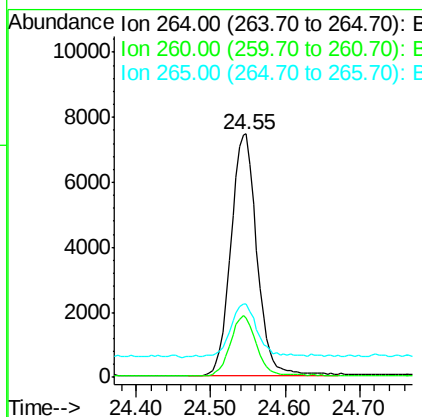
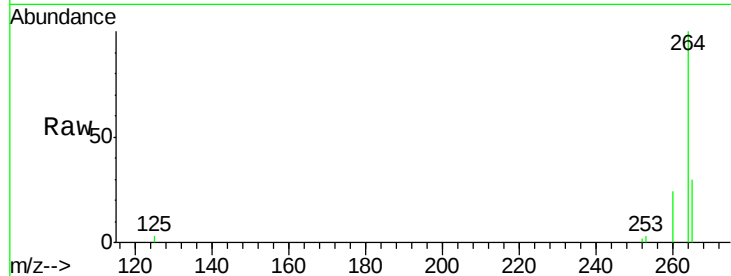
#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.55 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BE094990.D
 Acq: 14 Dec 2017 23:08

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-171211

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.5	30.7
265	29.9	22.8	34.2

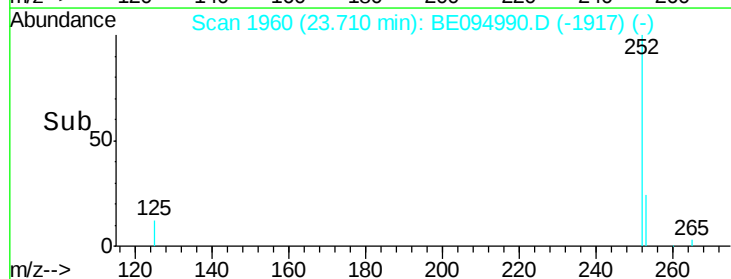
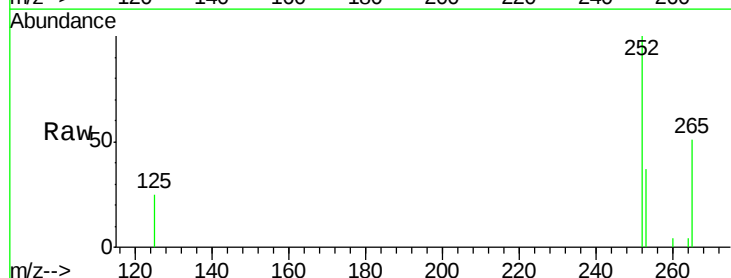
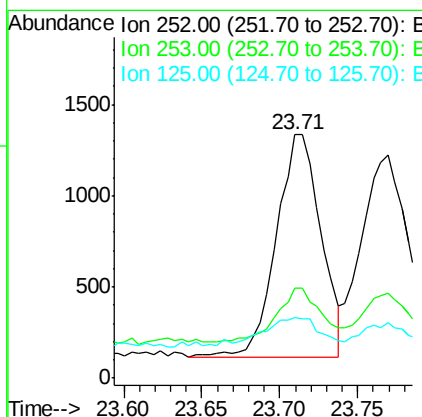
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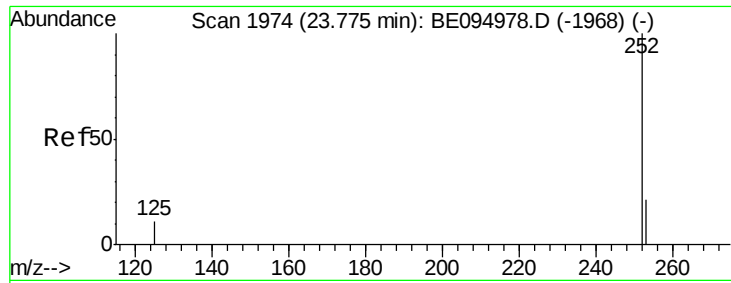
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#35
 Benzo(b)fluoranthene
 Concen: 0.037 ng
 RT: 23.71 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BE094990.D
 Acq: 14 Dec 2017 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.1	20.0	30.0#
125	24.8	16.0	24.0#





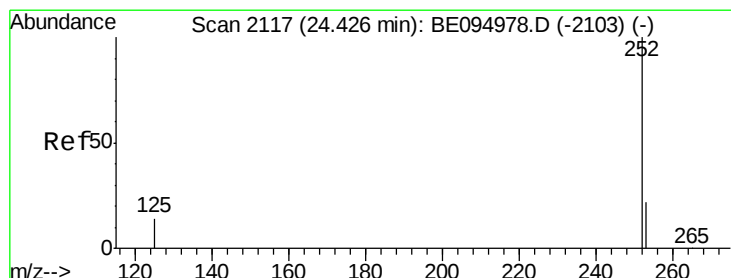
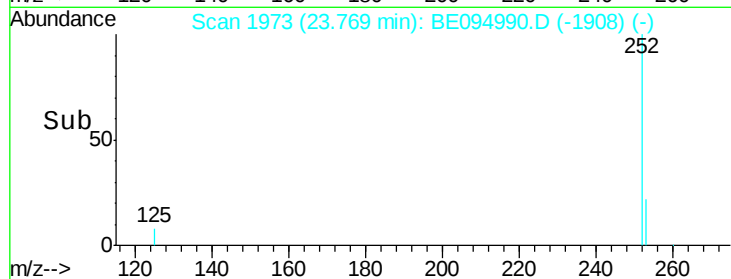
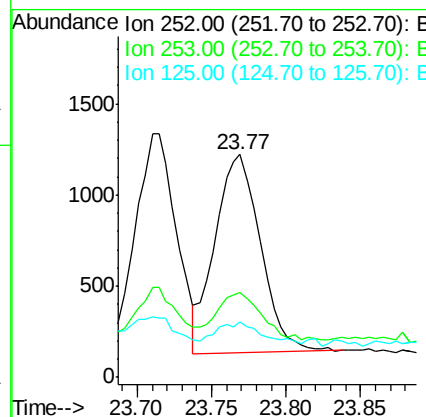
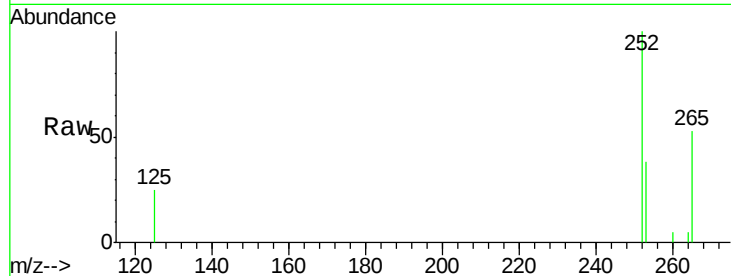
#36
Benzo(k)fluoranthene
Concen: 0.034 ng
RT: 23.77 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BE094990.D
Acq: 14 Dec 2017 23:08

Instrument :
BNA_E
ClientSampleId :
KY038PS034-171211

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.4	16.0	24.0#
125	24.7	8.0	12.0#

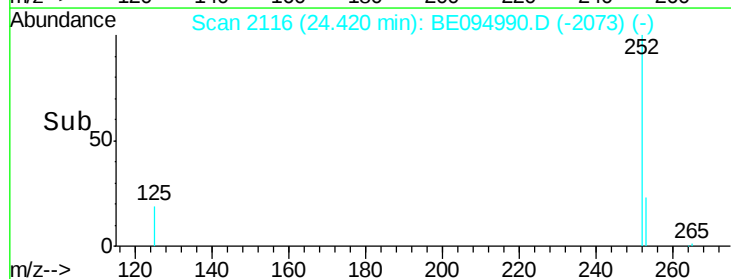
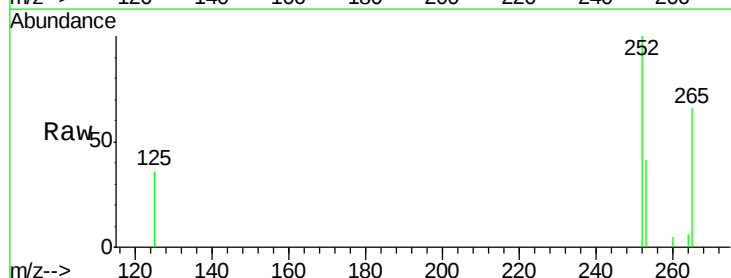
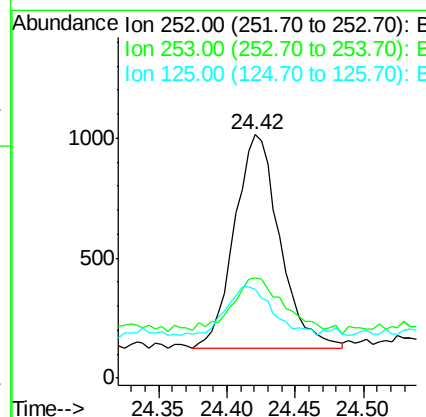
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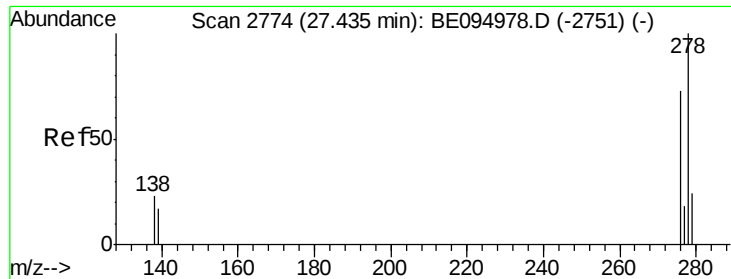
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#37
Benzo(a)pyrene
Concen: 0.035 ng
RT: 24.42 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BE094990.D
Acq: 14 Dec 2017 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.0	16.0	24.0#
125	36.3	12.0	18.0#





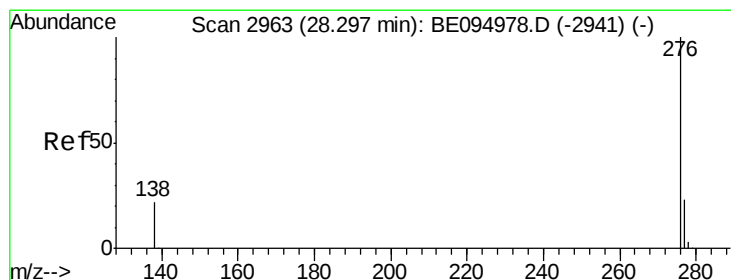
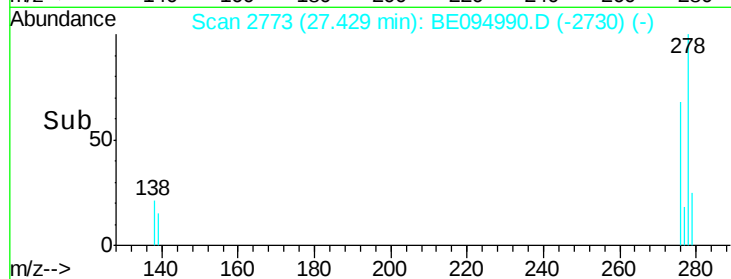
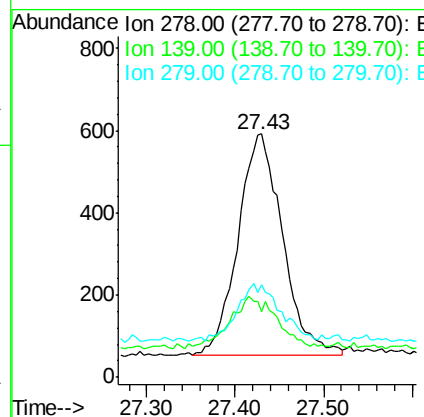
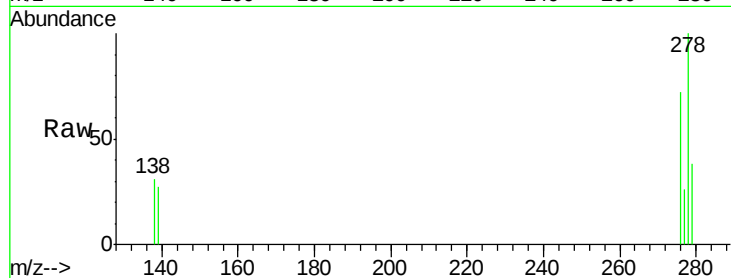
#38
Dibenzo(a,h)anthracene
Concen: 0.034 ng
RT: 27.43 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BE094990.D
Acq: 14 Dec 2017 23:08

Instrument :
BNA_E
ClientSampleId :
KY038PS034-171211

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.9	16.0	24.0#
279	38.2	20.0	30.0#

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#39
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 28.29 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BE094990.D
Acq: 14 Dec 2017 23:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.6	16.0	24.0#
138	31.7	20.0	30.0#

