

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094929.D
 Acq On : 5 Dec 2017 23:47
 Operator : SJ/JU
 Sample : I6698-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP02-20171130

Manual Integrations
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Sohil
 12/6/2017 5:10:28 PM

Quant Time: Dec 06 06:51:51 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	8274	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	17947	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10260	0.40	ng	-0.02
19) Phenanthrene-d10	17.77	188	26029	0.40	ng	0.00
27) Chrysene-d12	21.88	240	27532	0.40	ng	0.00
34) Perylene-d12	24.56	264	22417	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	1412	0.11	ng	0.00
5) Phenol-d6	7.59	99	1402	0.07	ng	0.00
8) Nitrobenzene-d5	9.66	82	4464	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	11542	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	446	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	19778	0.45	ng	0.00
25) Fluoranthene-d10	19.76	212	143687	0.40	ng	0.00
29) Terphenyl-d14	20.33	244	30517	0.60	ng	0.00
Target Compounds						
30) Benzo(a)anthracene	21.85	228	2526	0.030	ng	Qvalue # 67
31) Chrysene	21.92	228	2620m	0.028	ng	
32) Bis(2-ethylhexyl)phthalate	21.74	149	12176	0.087	ng	100
33) Indeno(1,2,3-cd)pyrene	27.42	276	2250	0.029	ng	# 73
35) Benzo(b)fluoranthene	23.73	252	2582	0.032	ng	# 60
36) Benzo(k)fluoranthene	23.78	252	2239	0.027	ng	# 61
37) Benzo(a)pyrene	24.44	252	2050	0.029	ng	# 59
38) Dibenzo(a,h)anthracene	27.46	278	1862	0.028	ng	# 60
39) Benzo(g,h,i)perylene	28.32	276	2304	0.035	ng	# 64

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

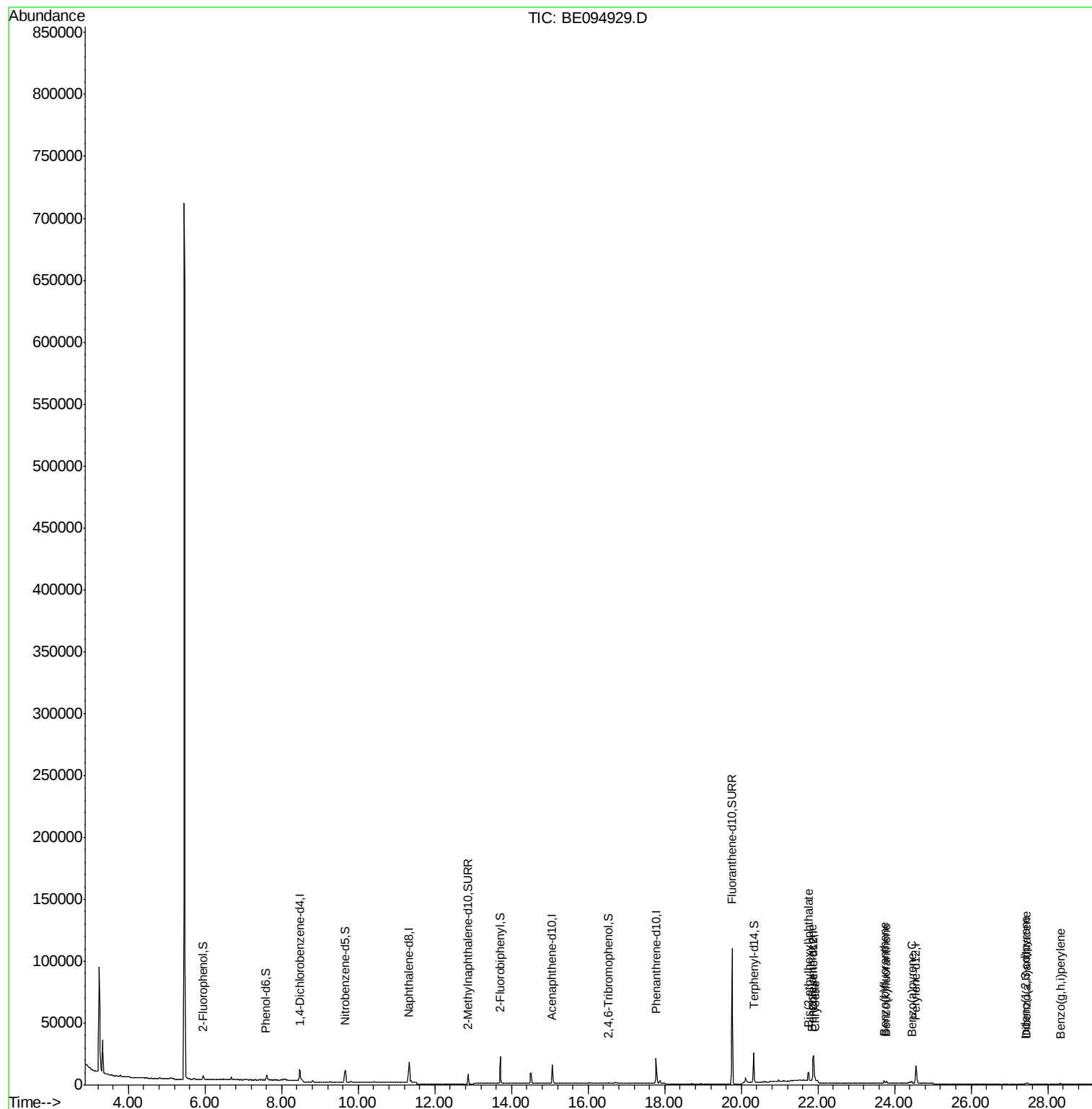
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094929.D
Acq On : 5 Dec 2017 23:47
Operator : SJ/JU
Sample : I6698-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

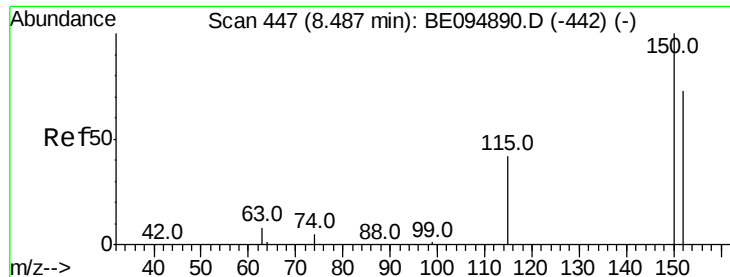
Instrument :
BNA_E
ClientSampleId :
FT-DUP02-20171130

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12/6/2017 5:10:28 PM

Quant Time: Dec 06 06:51:51 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
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#1

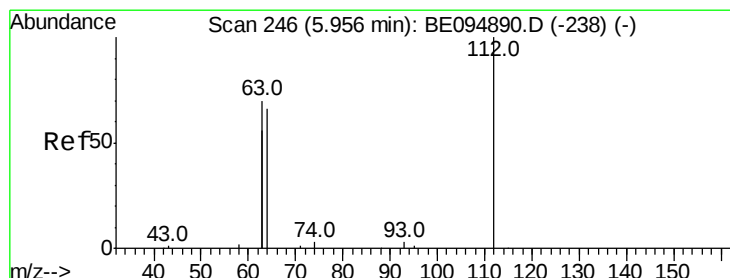
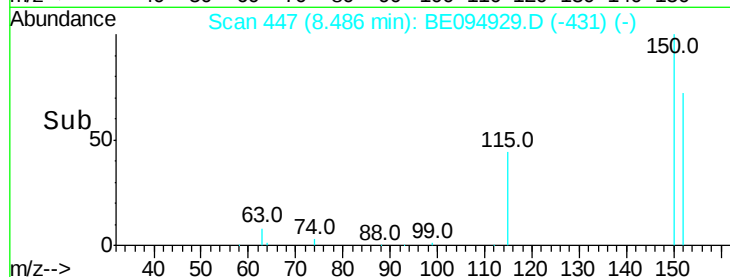
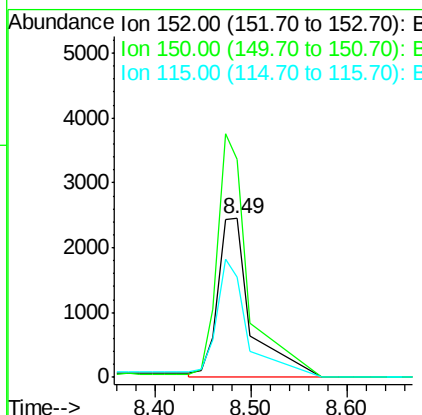
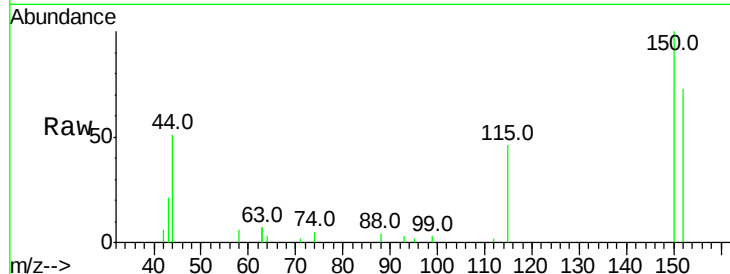
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.49 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094929.D
Acq: 5 Dec 2017 23:47

Instrument :
BNA_E
ClientSampleId :
FT-DUP02-20171130

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.4	117.2	175.8
115	62.9	57.0	85.6

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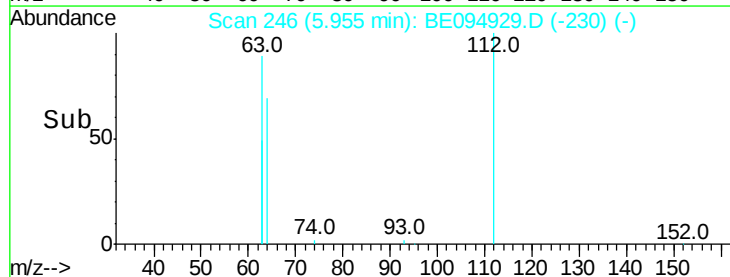
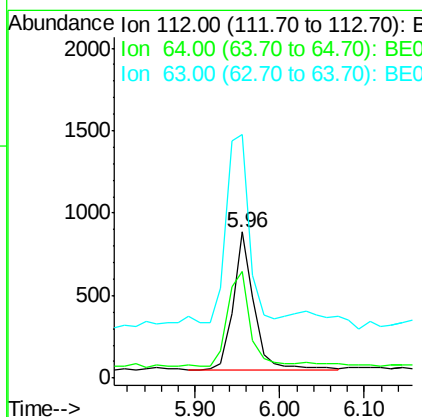
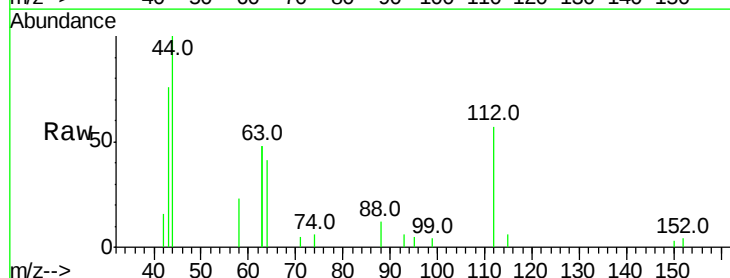
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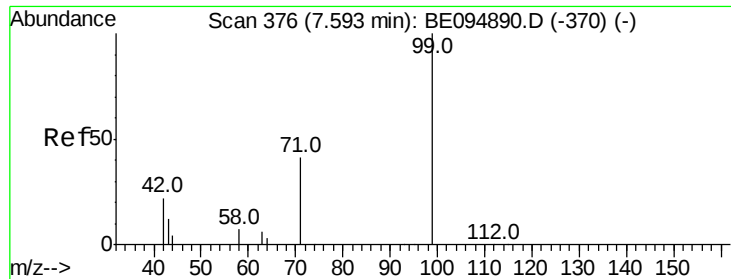


#4

2-Fluorophenol
Concen: 0.108 ng
RT: 5.96 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094929.D
Acq: 5 Dec 2017 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	60.1	90.1
63	178.1	116.8	175.2





#5

Phenol-d6

Concen: 0.072 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094929.D

Acq: 5 Dec 2017 23:47

Instrument :

BNA_E

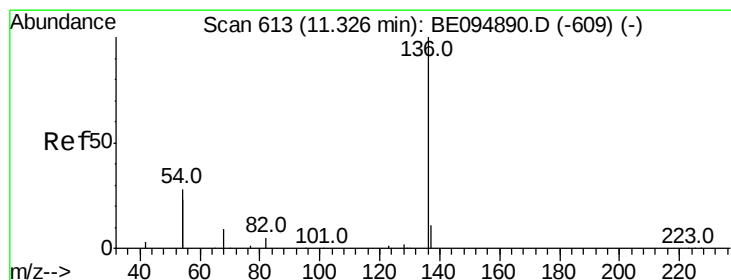
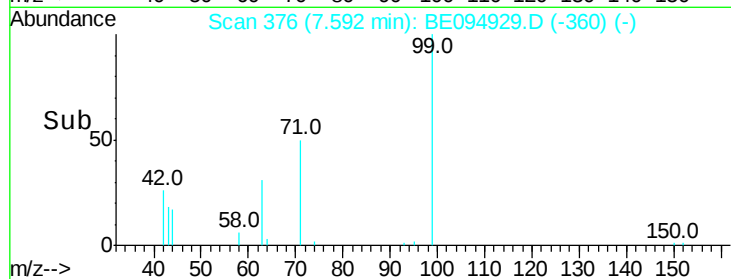
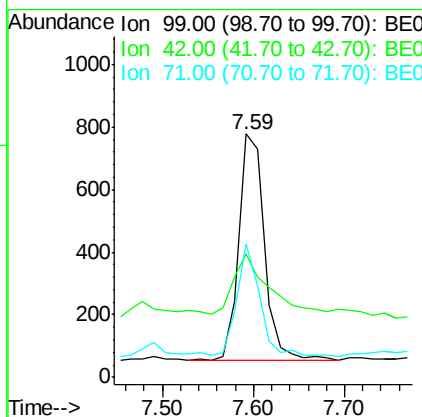
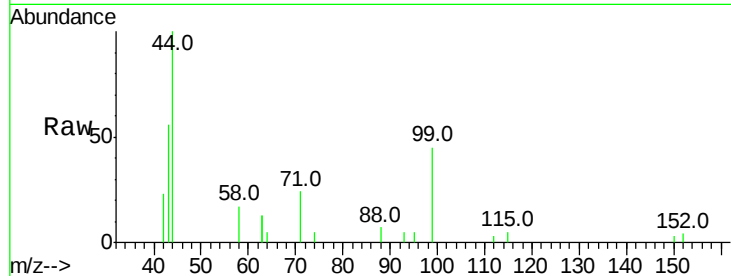
ClientSampleId :

FT-DUP02-20171130

Tot Ion:	99	Resp:	1402
Ion	Ratio	Lower	Upper
99	100		
42	36.7	20.2	30.2#
71	44.2	28.4	42.6#

Manual Integrations
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#7

Naphthalene-d8

Concen: 0.400 ng

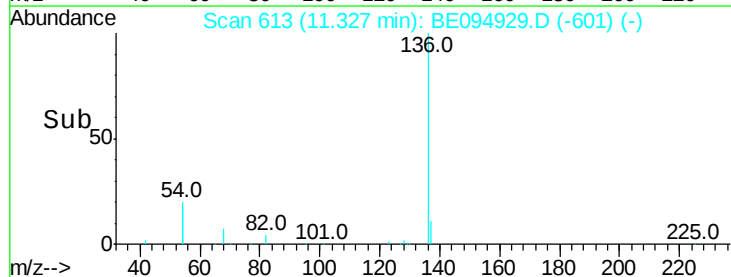
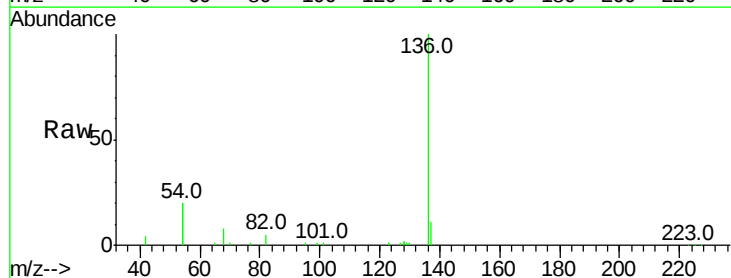
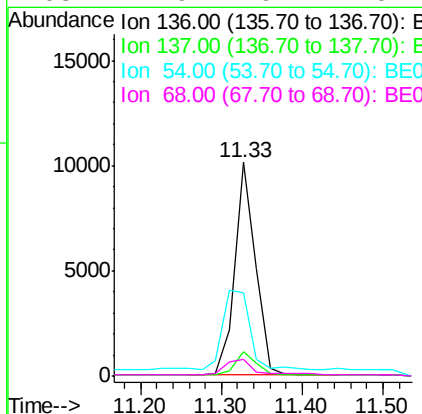
RT: 11.33 min Scan# 613

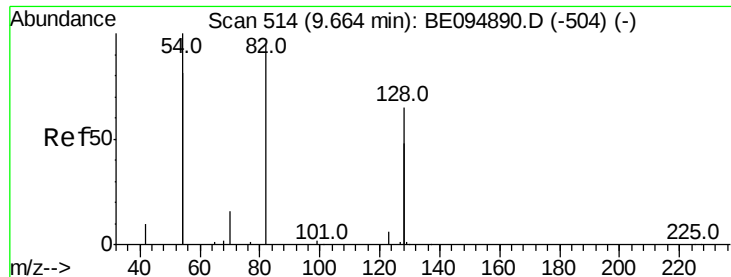
Delta R.T. 0.00 min

Lab File: BE094929.D

Acq: 5 Dec 2017 23:47

Tgt Ion:	136	Resp:	17947
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	39.1	29.1	43.7
68	7.9	6.2	9.2





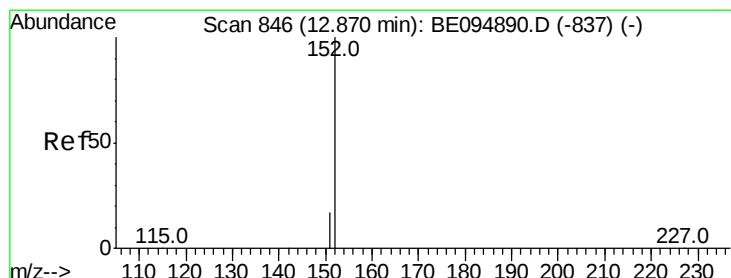
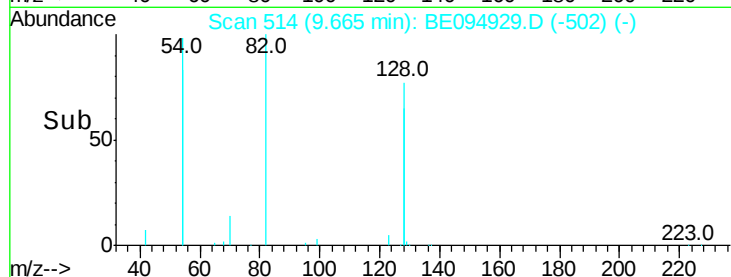
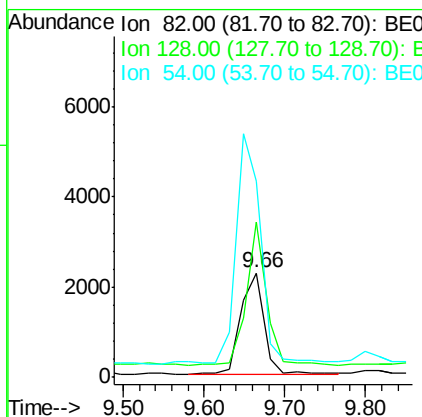
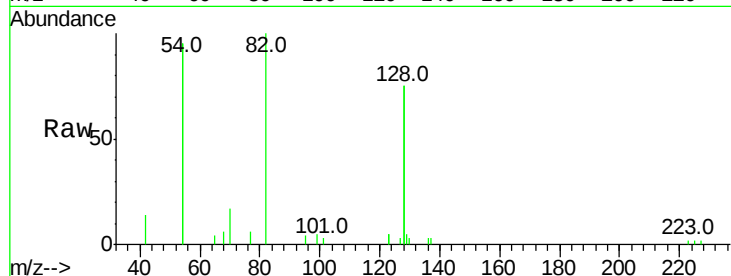
#8
 Nitrobenzene-d5
 Concen: 0.420 ng
 RT: 9.66 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BE094929.D
 Acq: 5 Dec 2017 23:47

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP02-20171130

Tot Ion	Ratio	Lower	Upper
82	100		
128	149.2	150.0	225.0#
54	189.2	154.2	231.4

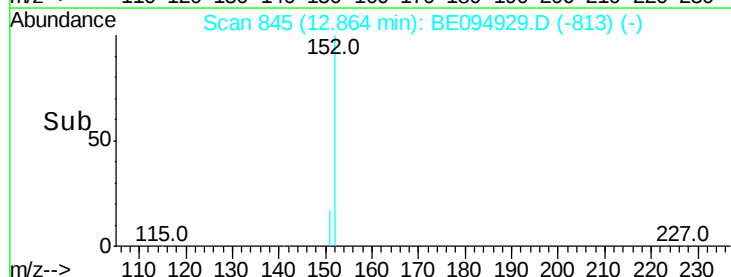
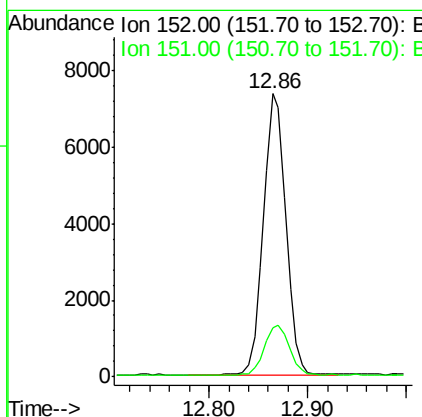
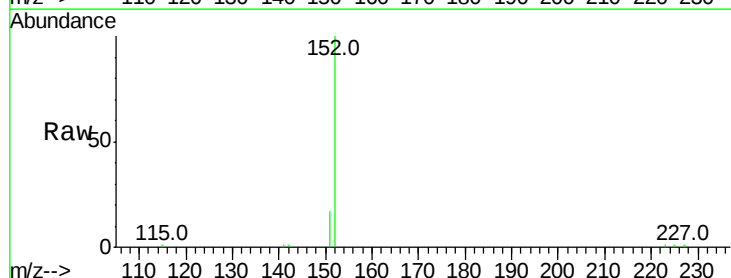
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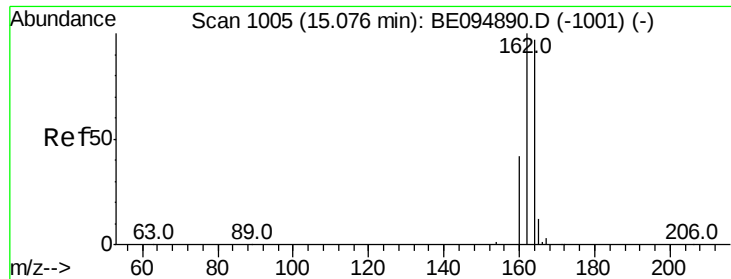
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#11
 2-Methylnaphthalene-d10
 Concen: 0.403 ng
 RT: 12.86 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BE094929.D
 Acq: 5 Dec 2017 23:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0





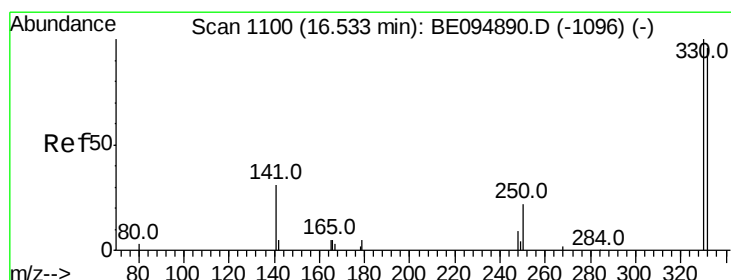
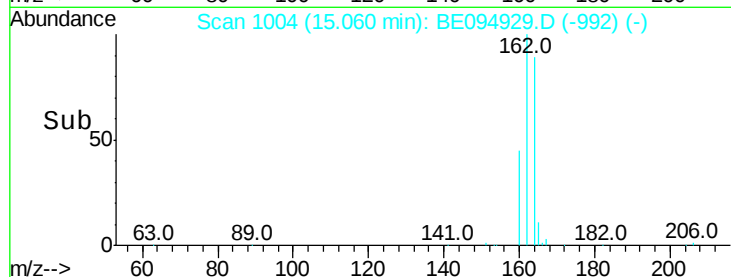
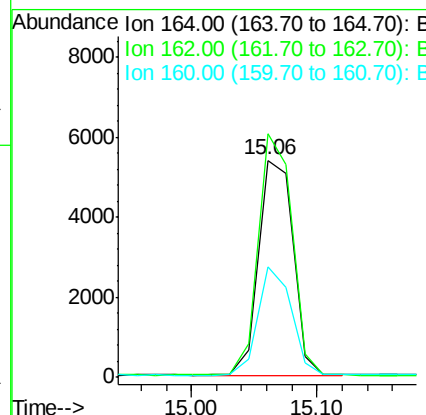
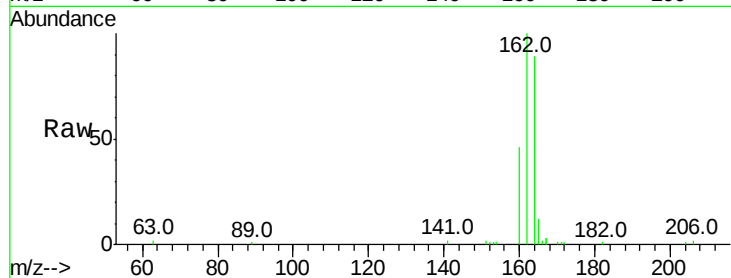
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1004
 Delta R.T. -0.02 min
 Lab File: BE094929.D
 Acq: 5 Dec 2017 23:47

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP02-20171130

Tot Ion	Ratio	Lower	Upper
164	100		
162	112.0	83.1	124.7
160	51.0	37.1	55.7

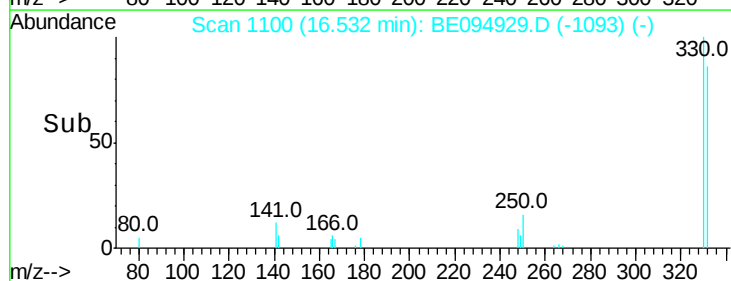
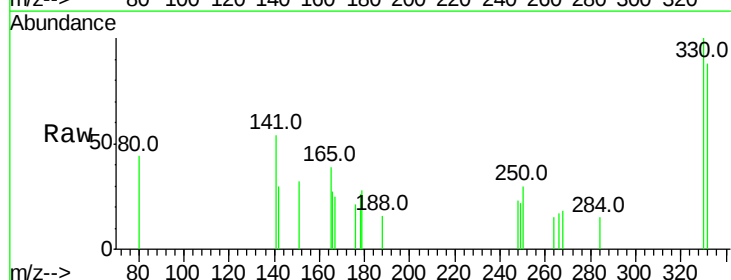
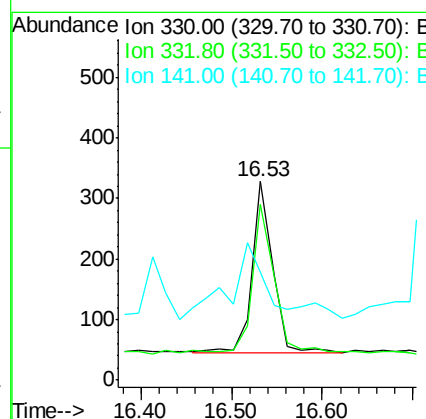
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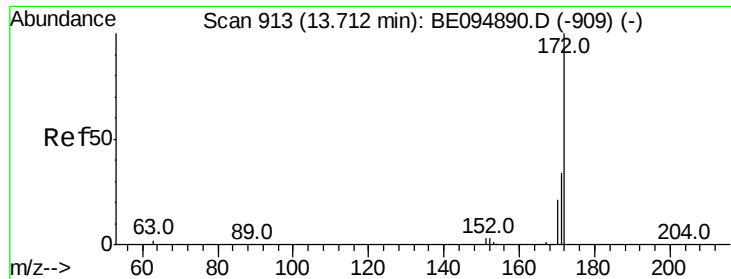
Sohil
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#14
 2,4,6-Tribromophenol
 Concen: 0.269 ng
 RT: 16.53 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BE094929.D
 Acq: 5 Dec 2017 23:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	90.4	152.7	229.1#
141	75.3	33.7	50.5#





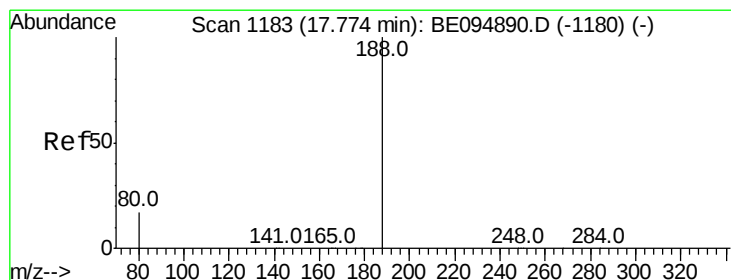
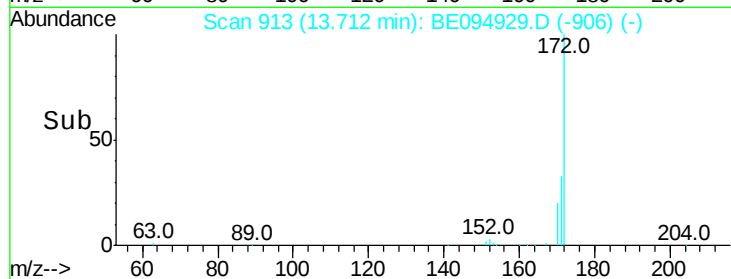
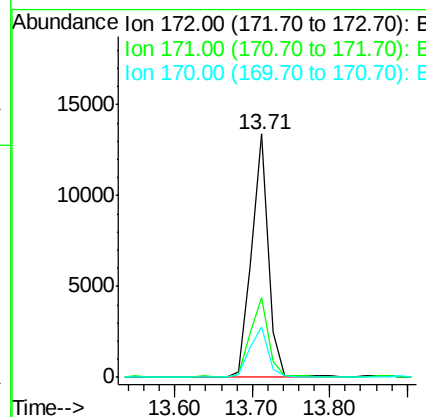
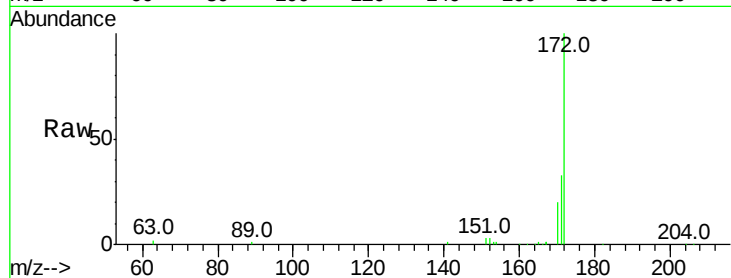
#15
2-Fluorobiphenyl
Concen: 0.450 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094929.D
Acq: 5 Dec 2017 23:47

Instrument :
BNA_E
ClientSampleId :
FT-DUP02-20171130

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.9	44.9
170	20.5	21.8	32.8#

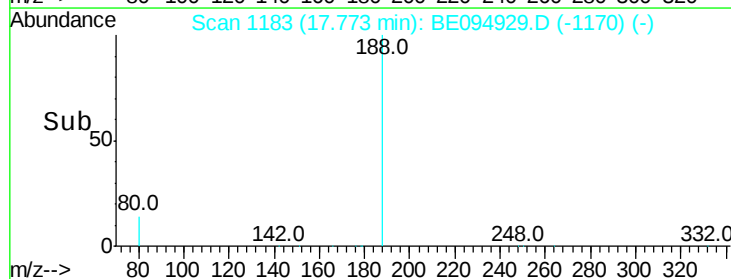
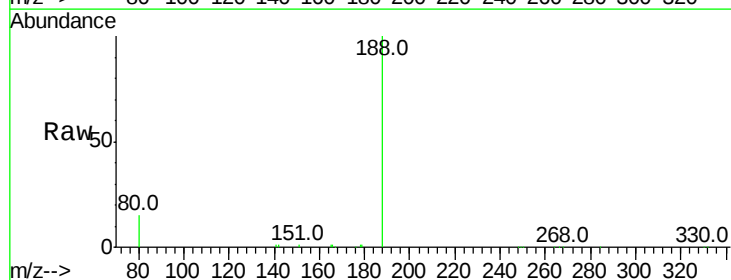
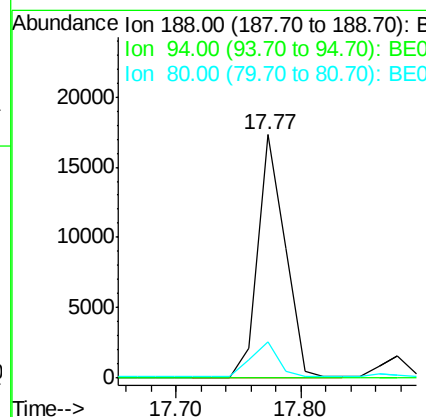
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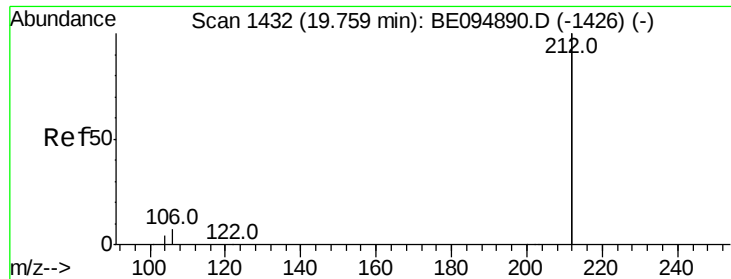
Sohil
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094929.D
Acq: 5 Dec 2017 23:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.1	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094929.D

Acq: 5 Dec 2017 23:47

Instrument :

BNA_E

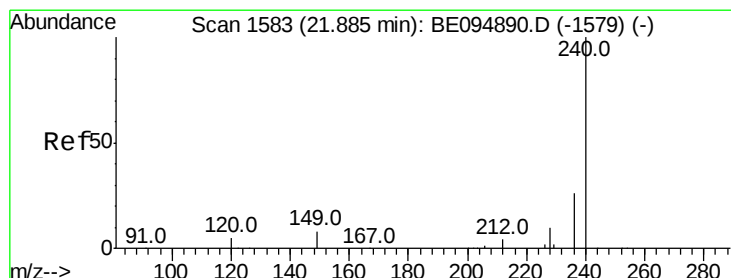
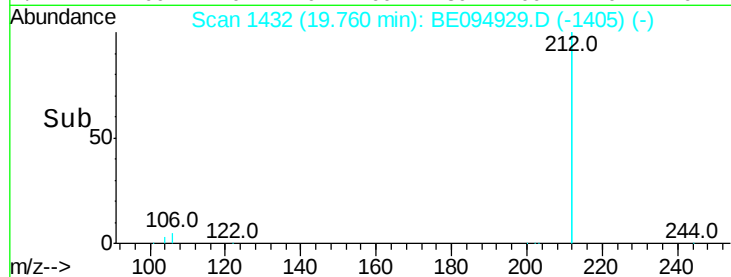
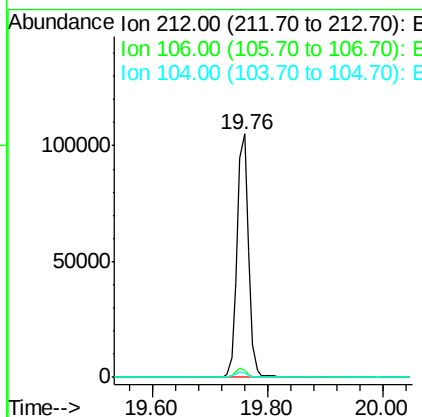
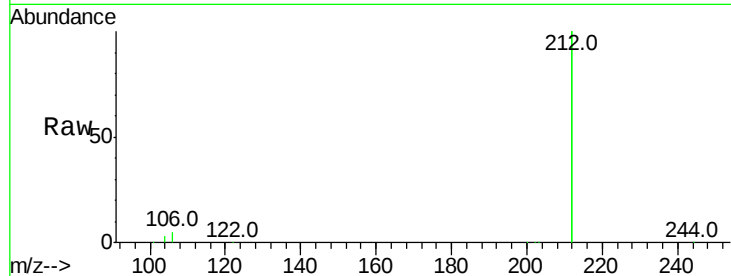
ClientSampleId :

FT-DUP02-20171130

Tot Ion:	212	Resp:	143687
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng

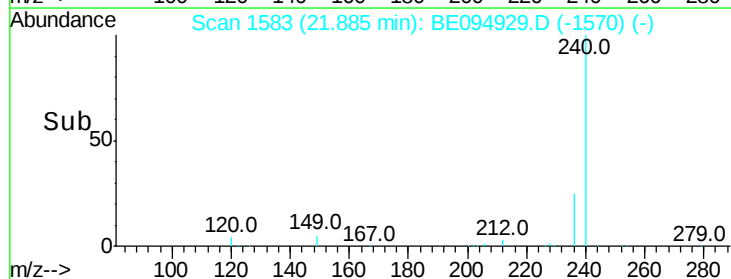
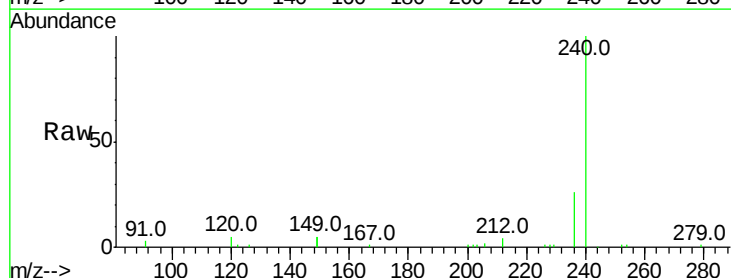
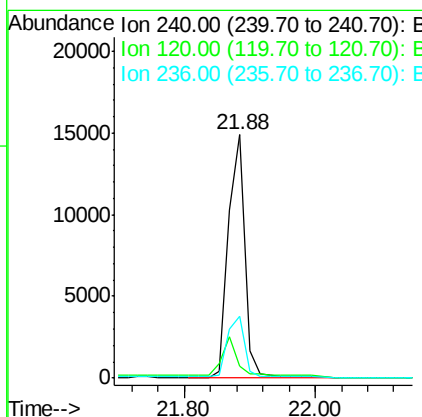
RT: 21.88 min Scan# 1583

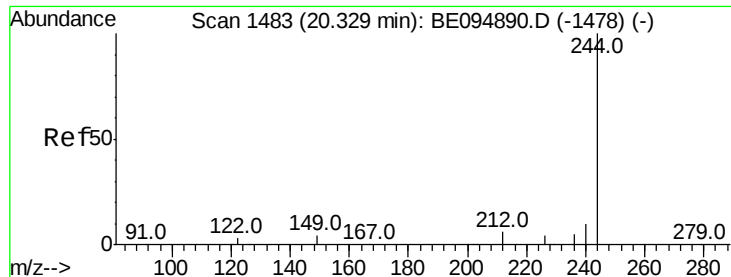
Delta R.T. -0.00 min

Lab File: BE094929.D

Acq: 5 Dec 2017 23:47

Tgt Ion:	240	Resp:	27532
Ion Ratio	Lower	Upper	
240	100		
120	4.8	5.5	8.3#
236	25.6	20.7	31.1





#29

Terphenyl-d14

Concen: 0.600 ng

RT: 20.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE094929.D

Acq: 5 Dec 2017 23:47

Instrument :

BNA_E

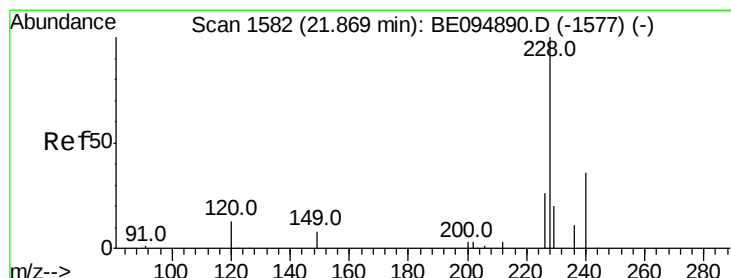
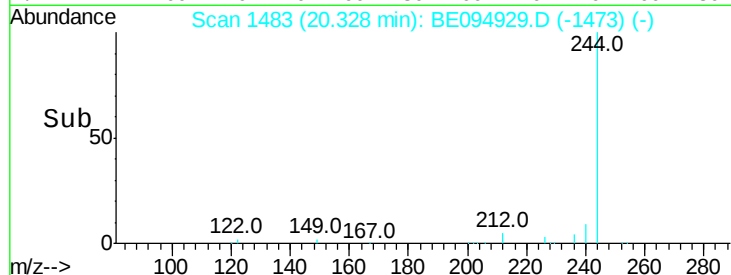
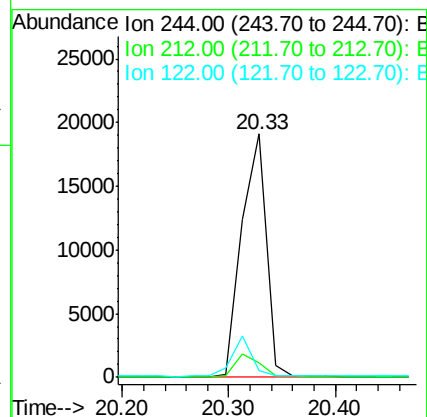
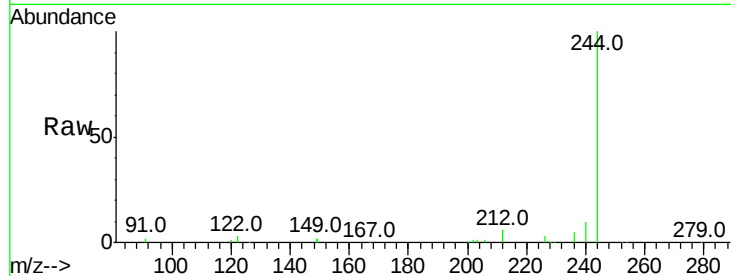
ClientSampleId :

FT-DUP02-20171130

Tot Ion:	244	Resp:	30517
Ion Ratio	Lower	Upper	
244	100		
212	5.8	25.4	38.0#
122	2.6	8.1	12.1#

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#30

Benzo(a)anthracene

Concen: 0.030 ng

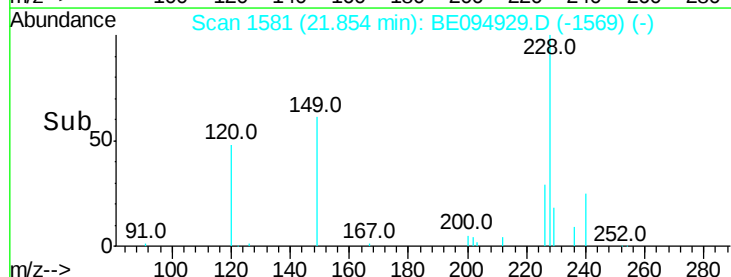
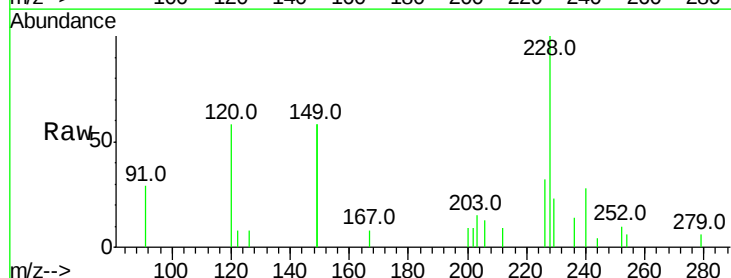
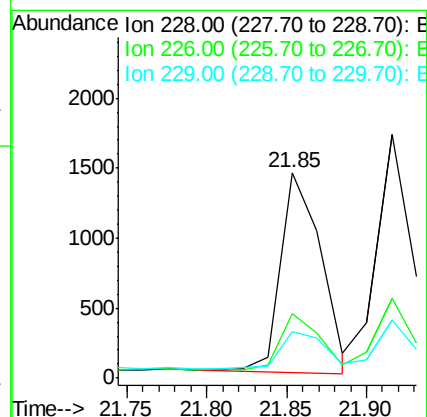
RT: 21.85 min Scan# 1581

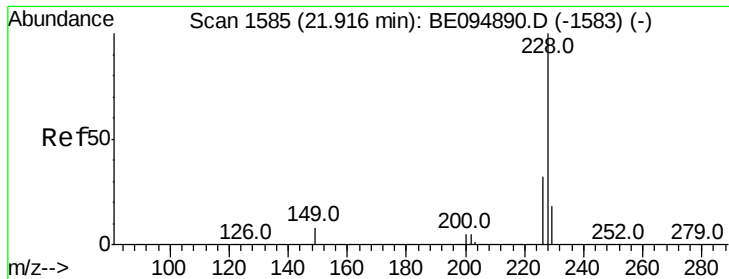
Delta R.T. -0.02 min

Lab File: BE094929.D

Acq: 5 Dec 2017 23:47

Tgt Ion:	228	Resp:	2526
Ion Ratio	Lower	Upper	
228	100		
226	31.6	40.0	60.0#
229	22.5	40.0	60.0#





#31

Chrysene

Concen: 0.028 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094929.D

Acq: 5 Dec 2017 23:47

Instrument :

BNA_E

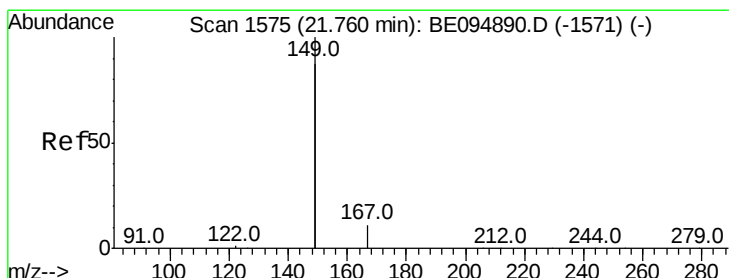
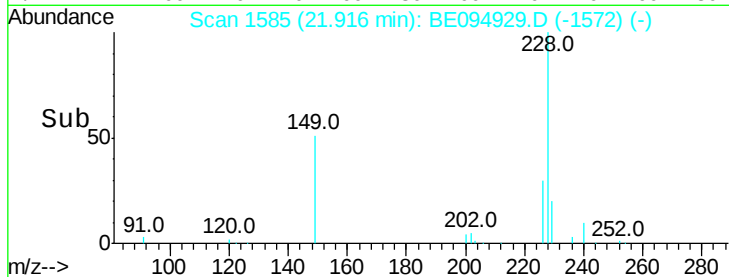
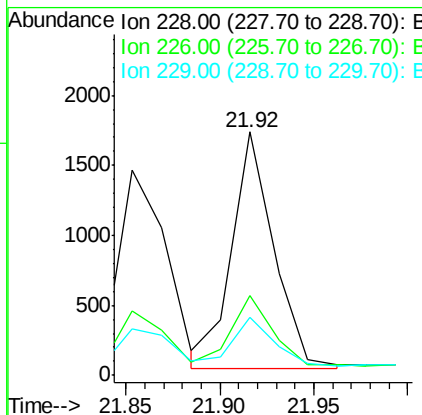
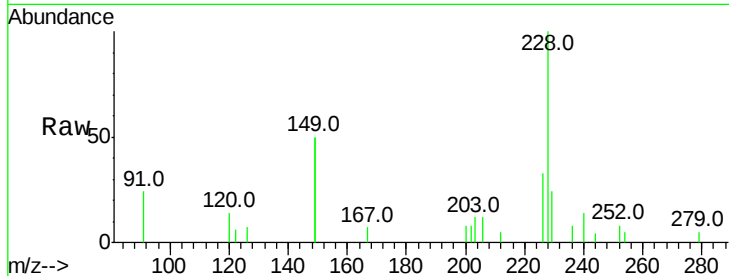
ClientSampleId :

FT-DUP02-20171130

Tot Ion:	228	Resp:	2620
Ion Ratio	Lower	Upper	
228	100		
226	32.8	40.0	60.0#
229	23.7	40.0	60.0#

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12/6/2017 5:10:28 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

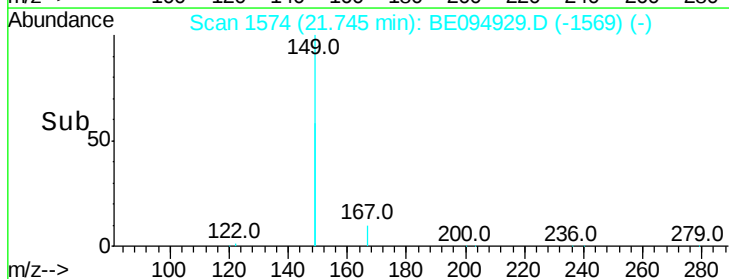
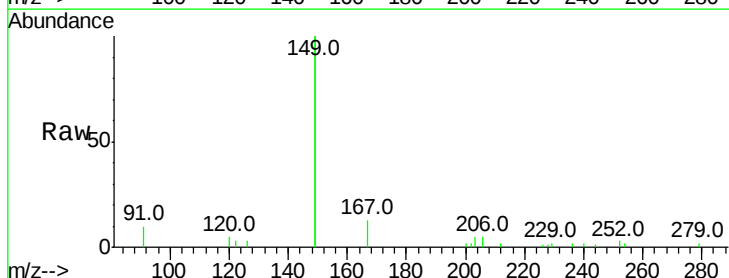
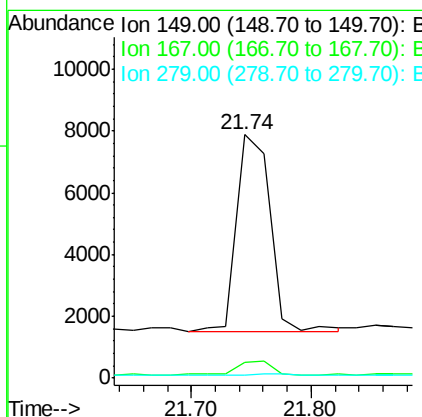
RT: 21.74 min Scan# 1574

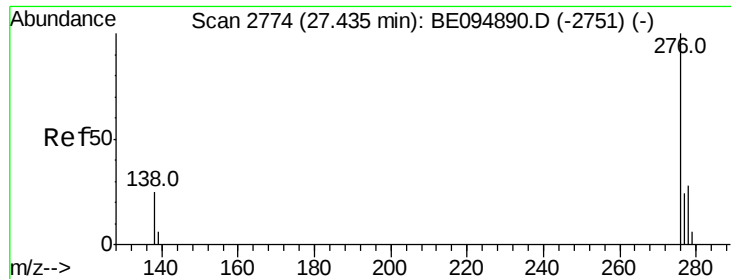
Delta R.T. -0.02 min

Lab File: BE094929.D

Acq: 5 Dec 2017 23:47

Tgt Ion:	149	Resp:	12176
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1





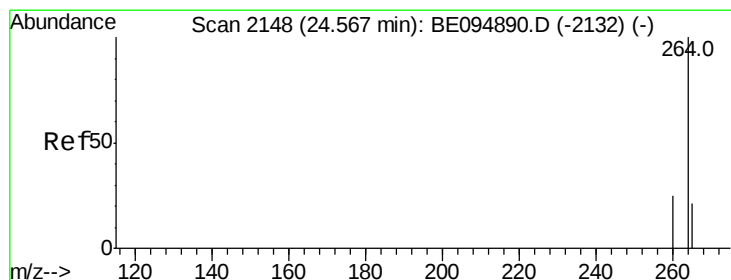
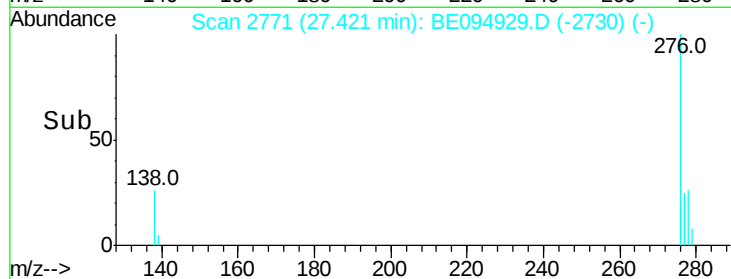
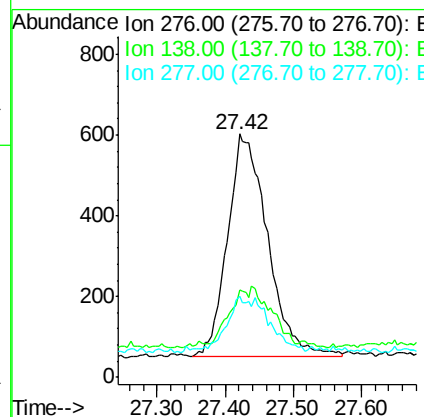
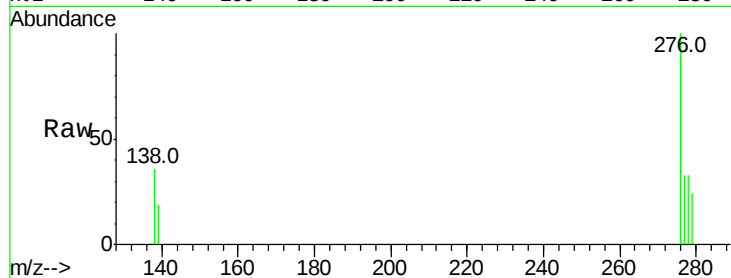
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.029 ng
 RT: 27.42 min Scan# 2771
 Delta R.T. -0.01 min
 Lab File: BE094929.D
 Acq: 5 Dec 2017 23:47

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP02-20171130

Tot Ion	Ratio	Resp	Lower	Upper
276	100	2250		
138	12.0		22.5	33.7#
277	13.2		19.9	29.9#

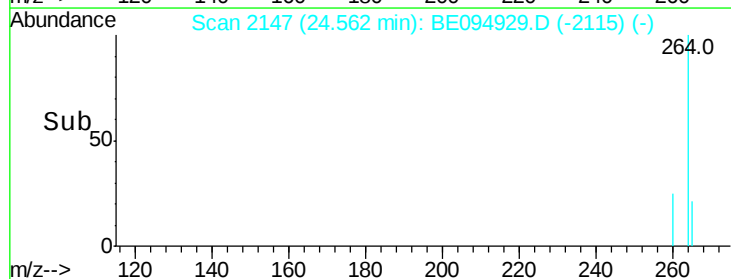
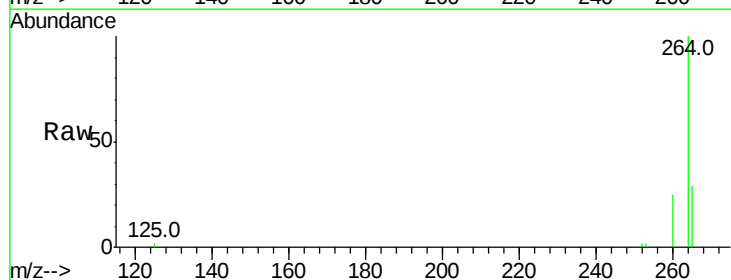
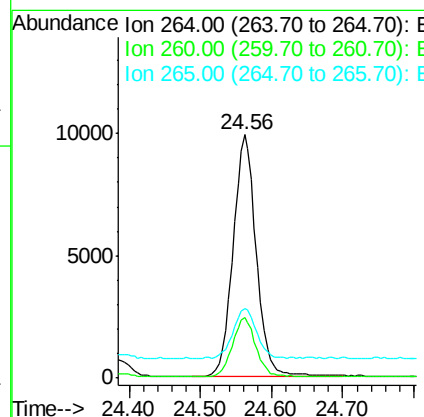
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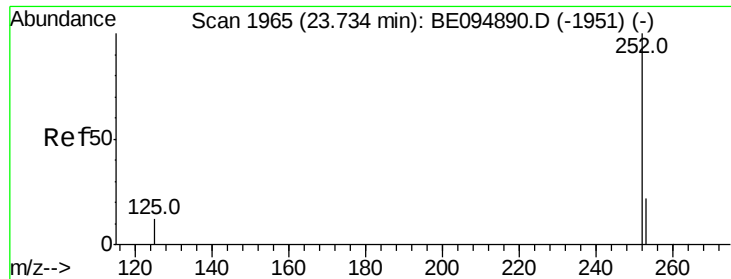
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.56 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BE094929.D
 Acq: 5 Dec 2017 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	22417		
260	25.0		20.5	30.7
265	28.8		22.8	34.2





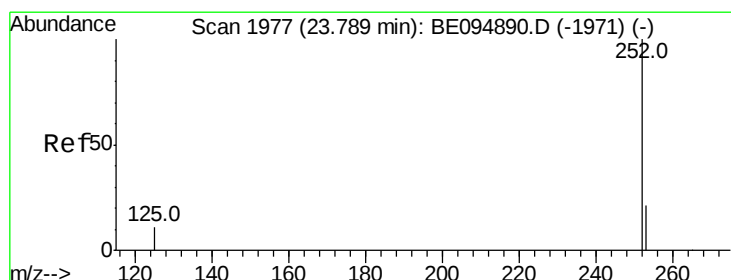
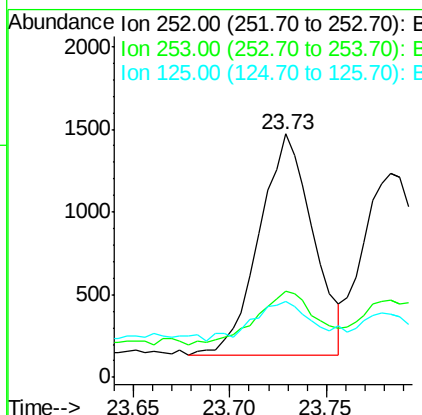
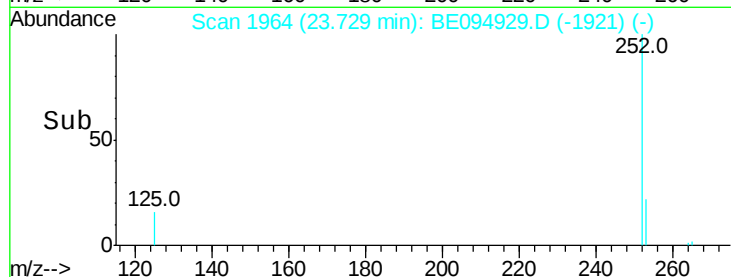
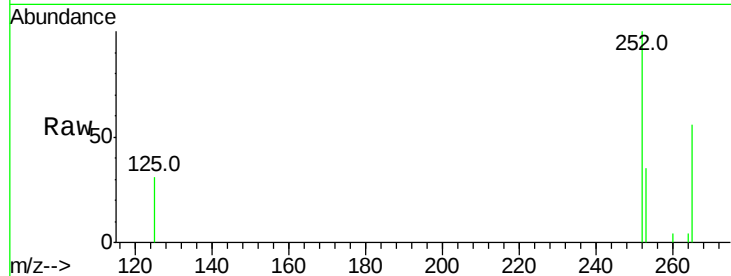
#35
Benzo(b)fluoranthene
Concen: 0.032 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BE094929.D
Acq: 5 Dec 2017 23:47

Instrument :
BNA_E
ClientSampleId :
FT-DUP02-20171130

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.2	48.0	72.0#
125	31.4	56.0	84.0#

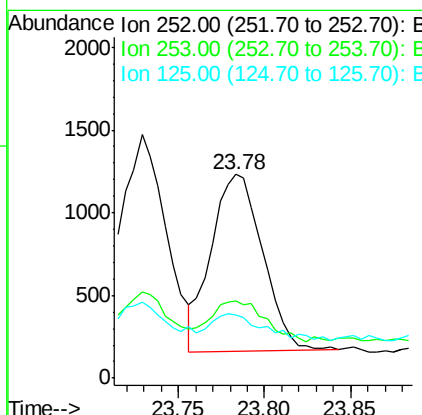
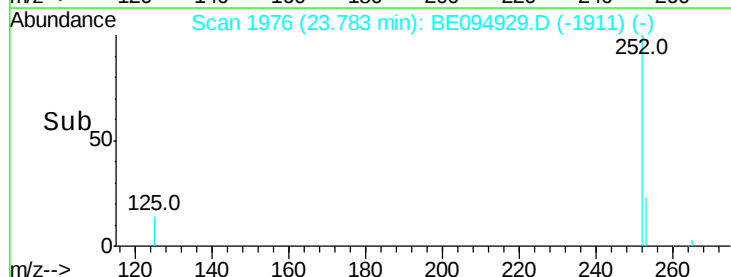
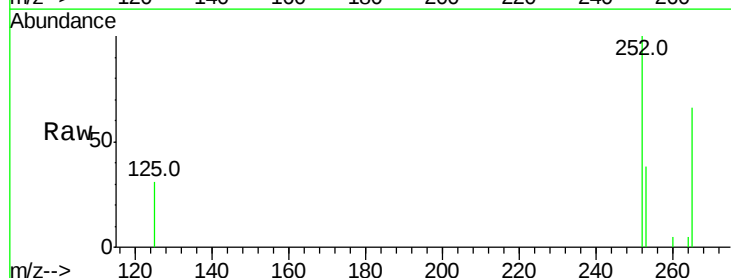
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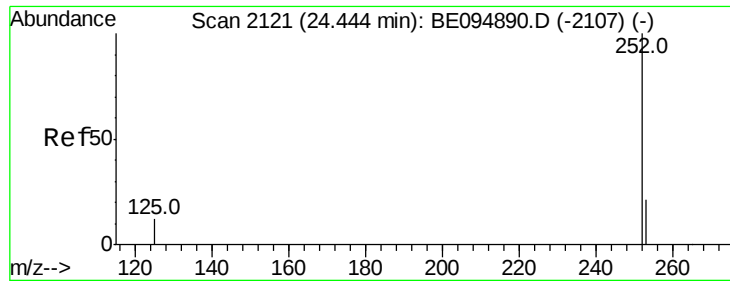
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12/6/2017 5:10:28 PM



#36
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BE094929.D
Acq: 5 Dec 2017 23:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.1	48.0	72.0#
125	31.1	56.0	84.0#





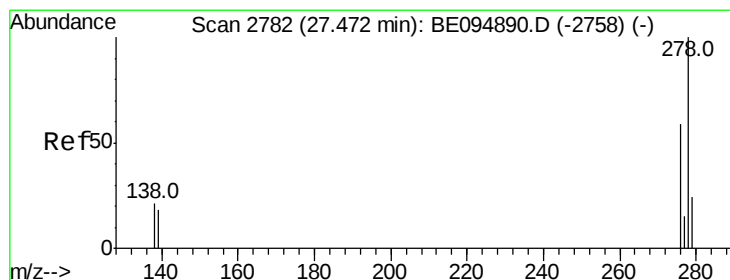
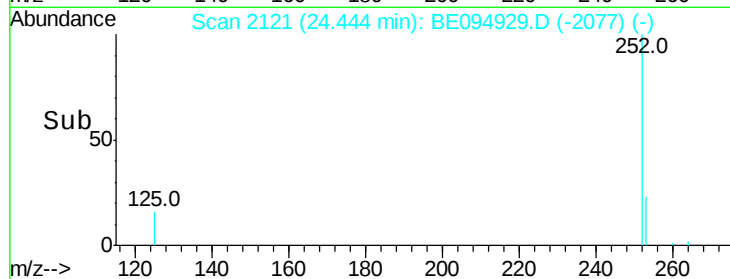
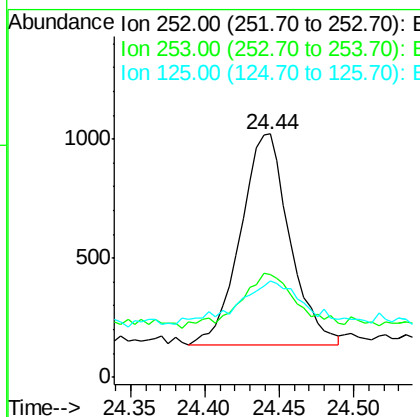
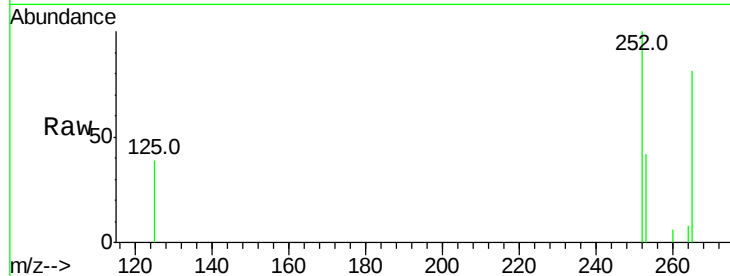
#37
Benzo(a)pyrene
Concen: 0.029 ng
RT: 24.44 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE094929.D
Acq: 5 Dec 2017 23:47

Instrument :
BNA_E
ClientSampleId :
FT-DUP02-20171130

Tot Ion	Ratio	Lower	Upper
252	100		
253	42.3	52.0	78.0#
125	39.4	68.0	102.0#

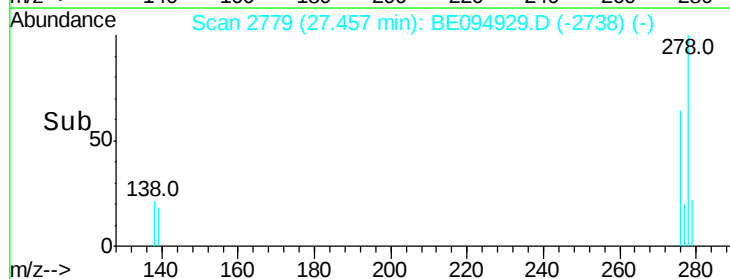
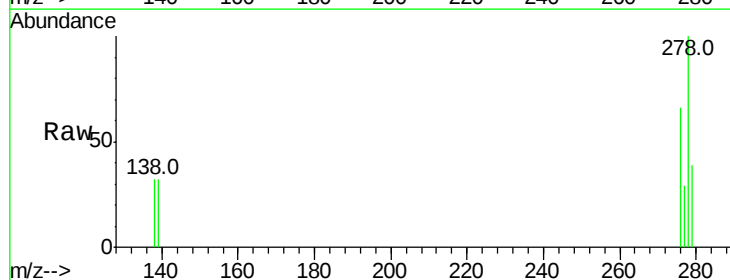
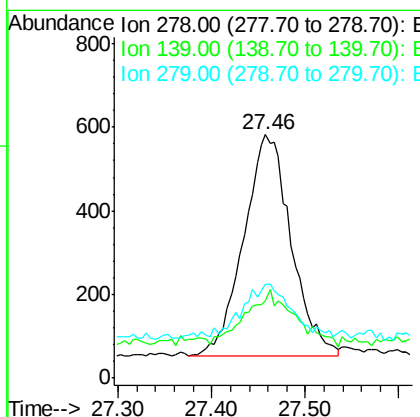
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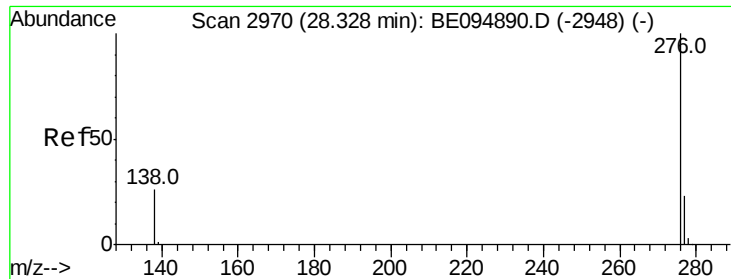
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#38
Dibenzo(a,h)anthracene
Concen: 0.028 ng
RT: 27.46 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BE094929.D
Acq: 5 Dec 2017 23:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.0	56.0	84.0#
279	38.7	52.0	78.0#





#39

Benzo(a,h,i)perylene

Concen: 0.035 ng

RT: 28.32 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BE094929.D

Acq: 5 Dec 2017 23:47

Instrument :

BNA_E

ClientSampleId :

FT-DUP02-20171130

Tot Ion:	276	Resp:	2304
Ion Ratio	Lower	Upper	
276	100		
277	34.4	52.0	78.0#
138	31.3	44.0	66.0#

Manual Integrations
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