

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094928.D
 Acq On : 5 Dec 2017 23:11
 Operator : SJ/JU
 Sample : I6698-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW01I-20171130

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:10:26 PM

Quant Time: Dec 06 06:50:41 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	8.48	152	8803	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	18454	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	10747	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	26309	0.40	ng	0.00
27) Chrysene-d12	21.89	240	27521	0.40	ng	0.00
34) Perylene-d12	24.57	264	22067	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	1757	0.13	ng	0.00
5) Phenol-d6	7.60	99	1657	0.08	ng	0.01
8) Nitrobenzene-d5	9.66	82	4482	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	11581	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	652	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	19551	0.42	ng	0.00
25) Fluoranthene-d10	19.76	212	136321	0.38	ng	0.00
29) Terphenyl-d14	20.33	244	25957	0.51	ng	0.00
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.76	149	22822	0.163	ng	Qvalue 100
35) Benzo(b)fluoranthene	23.73	252	2164	0.027	ng	# 67
39) Benzo(g,h,i)perylene	28.33	276	1826	0.028	ng	# 64

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

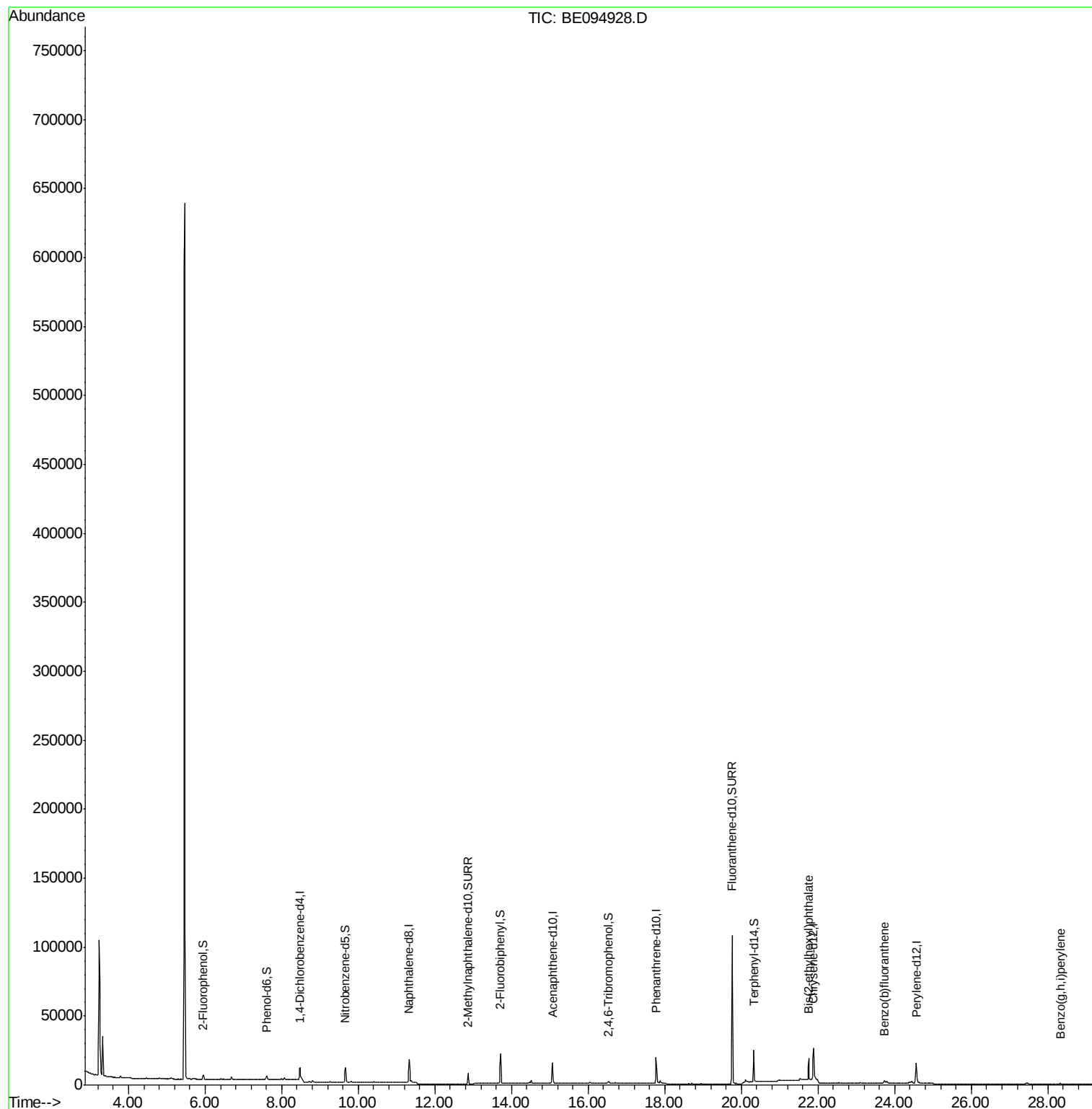
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094928.D
Acq On : 5 Dec 2017 23:11
Operator : SJ/JU
Sample : I6698-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

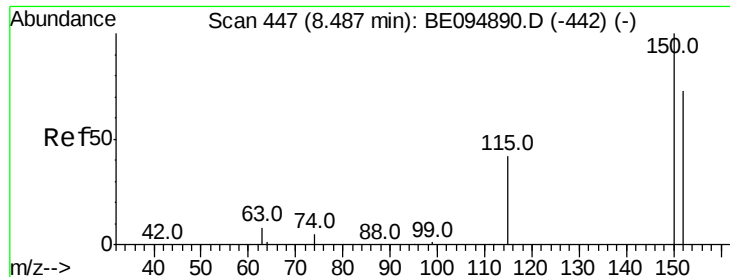
Instrument :
BNA_E
ClientSampleId :
FT-MW01I-20171130

Manual Integrations
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12/6/2017 5:10:26 PM

Quant Time: Dec 06 06:50:41 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





#1

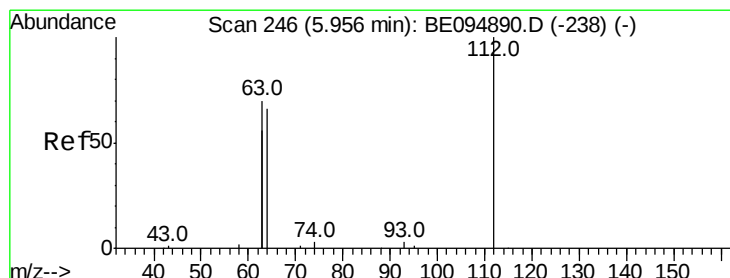
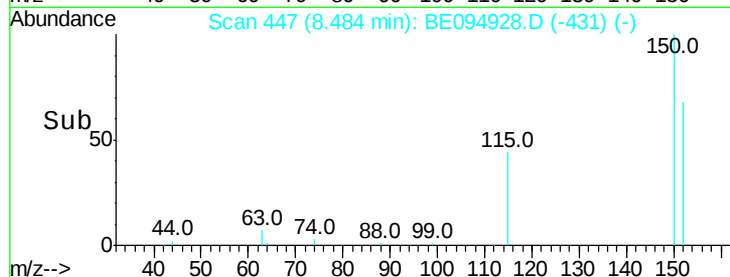
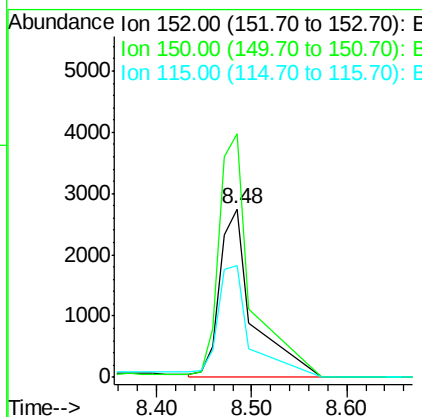
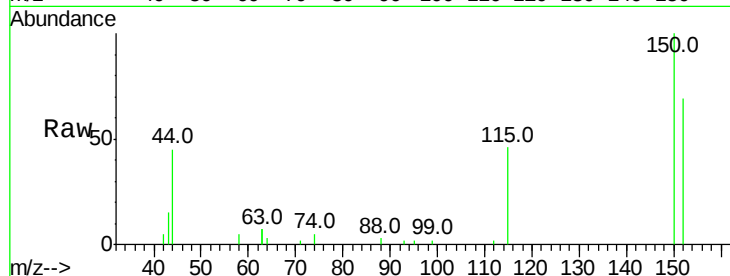
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094928.D
Acq: 5 Dec 2017 23:11

Instrument :
BNA_E
ClientSampleId :
FT-MW01I-20171130

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	117.2	175.8
115	66.2	57.0	85.6

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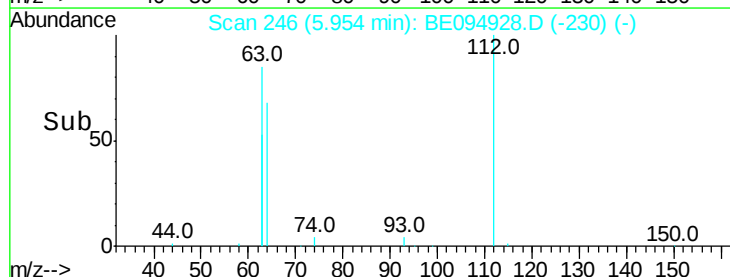
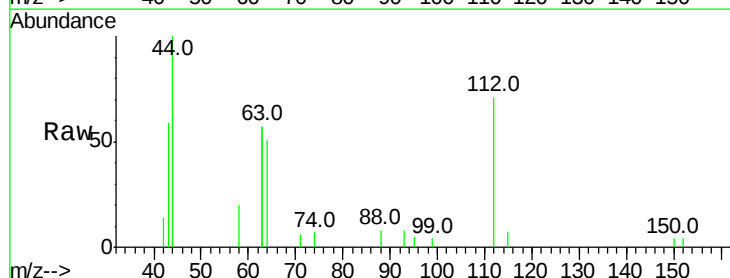
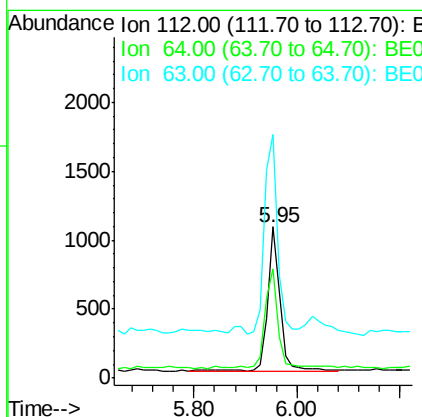
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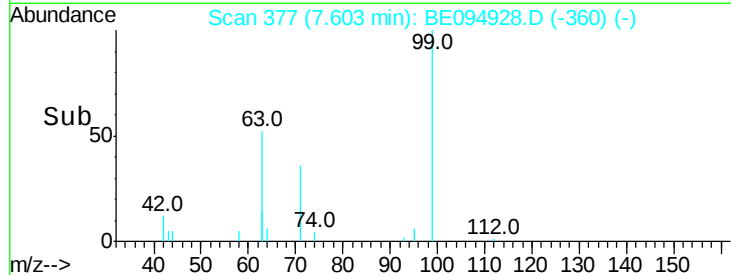
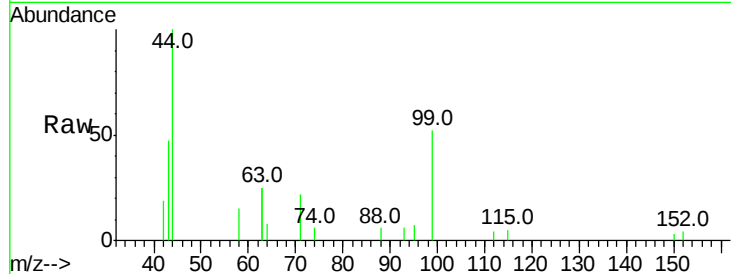
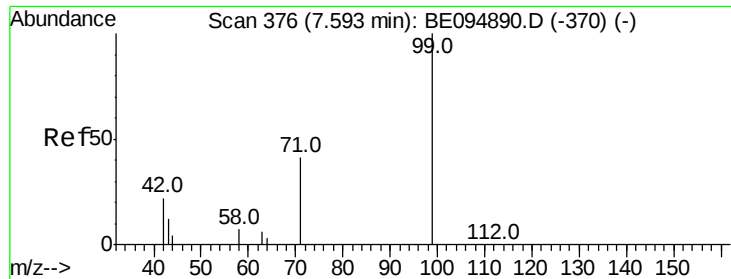


#4

2-Fluorophenol
Concen: 0.126 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094928.D
Acq: 5 Dec 2017 23:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	60.1	90.1
63	145.0	116.8	175.2





#5

Phenol-d6

Concen: 0.080 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

Instrument :

BNA_E

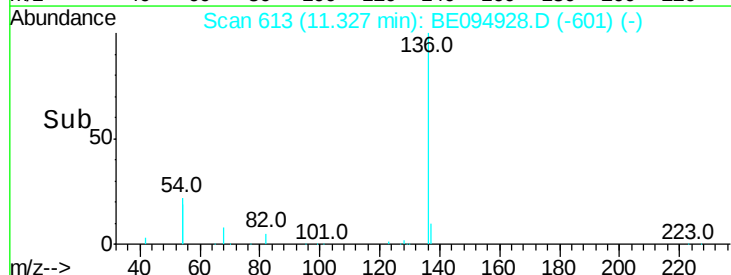
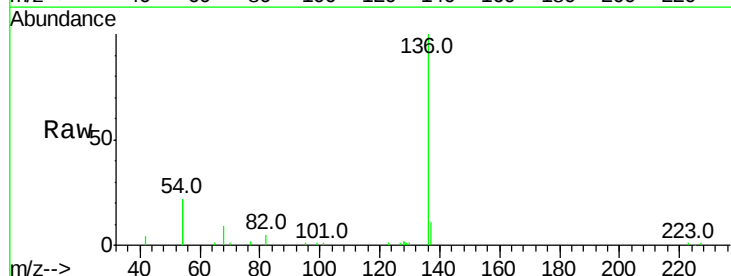
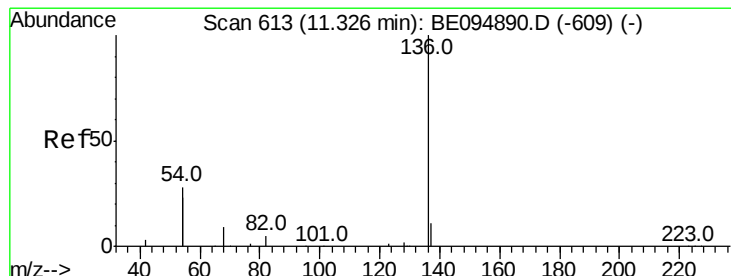
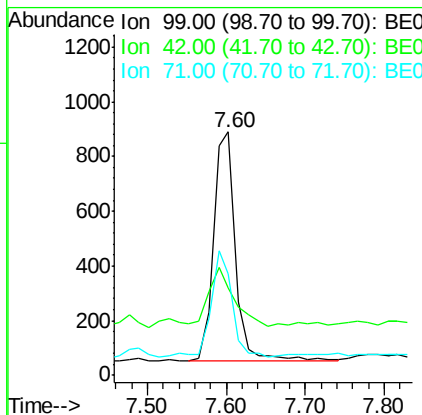
ClientSampleId :

FT-MW01I-20171130

Tot Ion:	99	Resp:	1657
Ion Ratio	Lower	Upper	
99	100		
42	31.9	20.2	30.2#
71	43.8	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

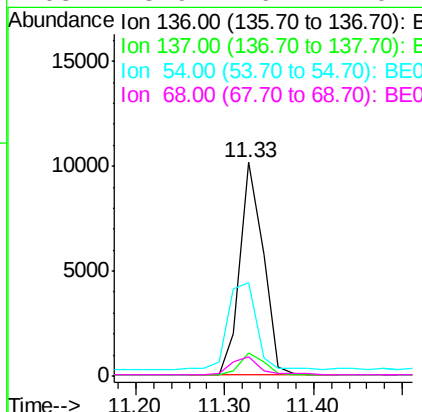
RT: 11.33 min Scan# 613

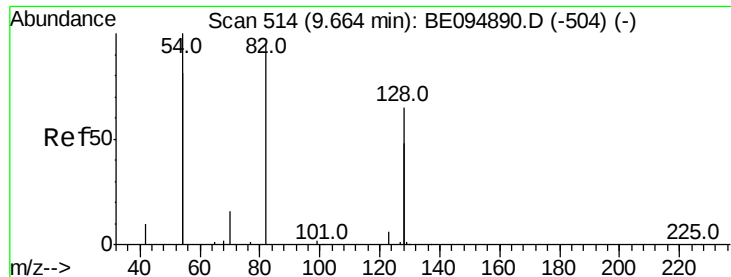
Delta R.T. 0.00 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

Tgt Ion:	136	Resp:	18454
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.5	14.3
54	43.8	29.1	43.7#
68	8.9	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

Instrument :

BNA_E

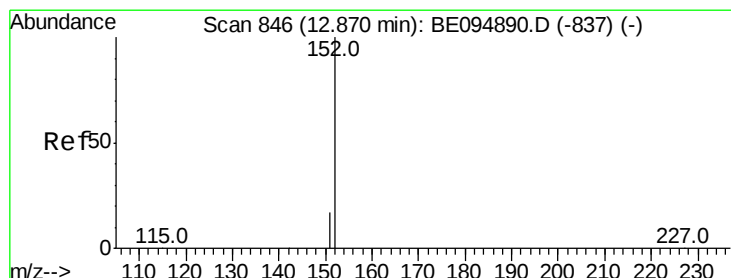
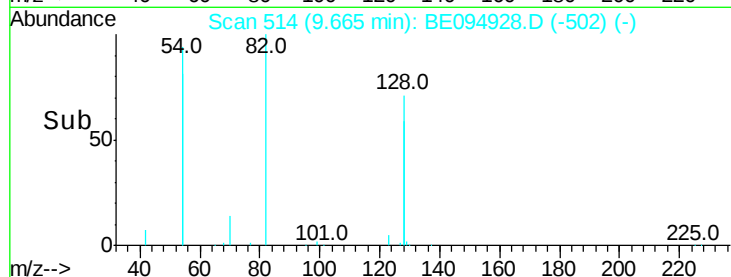
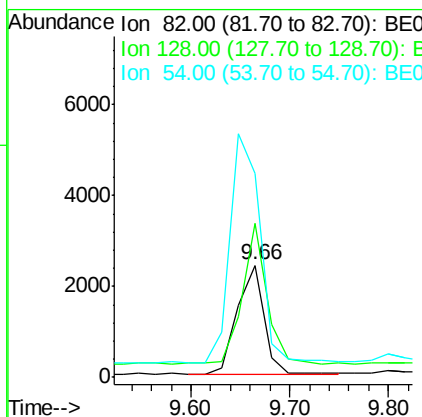
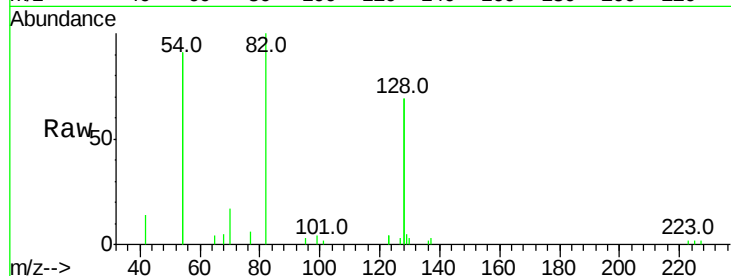
ClientSampleId :

FT-MW01I-20171130

Tot Ion	Ratio	Lower	Upper
82	100		
128	137.4	150.0	225.0#
54	182.2	154.2	231.4

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#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

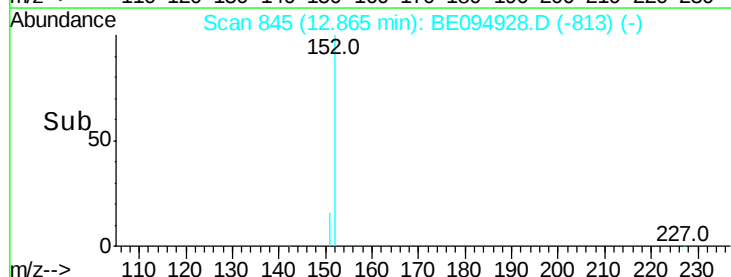
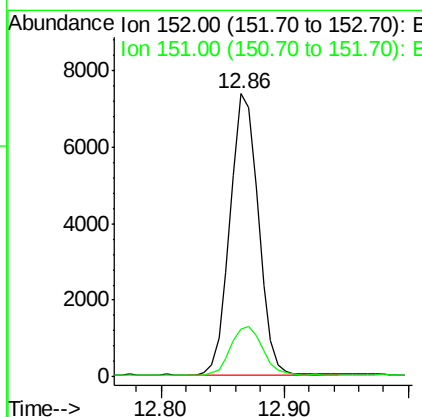
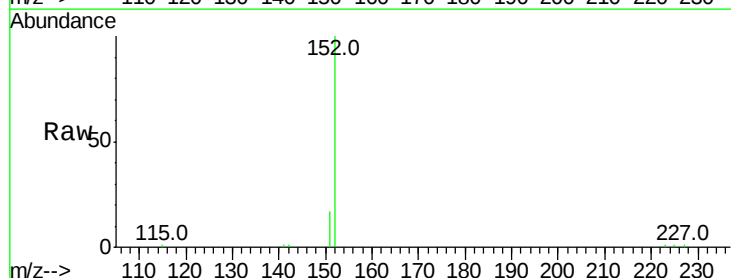
RT: 12.86 min Scan# 845

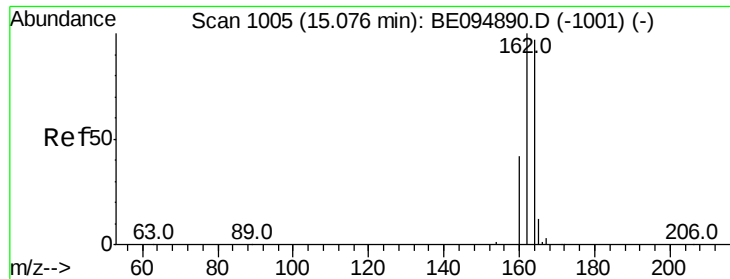
Delta R.T. -0.01 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.08 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

Instrument :

BNA_E

ClientSampleId :

FT-MW01I-20171130

Tot Ion:164 Resp: 10747

Ion Ratio Lower Upper

164 100

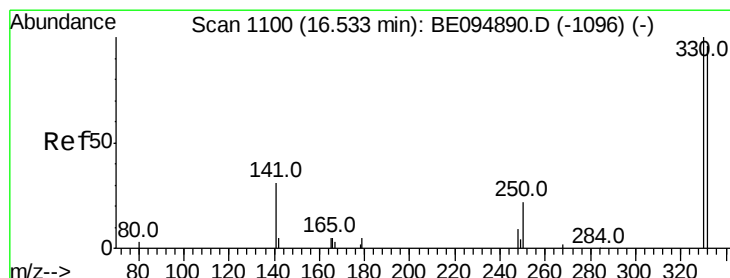
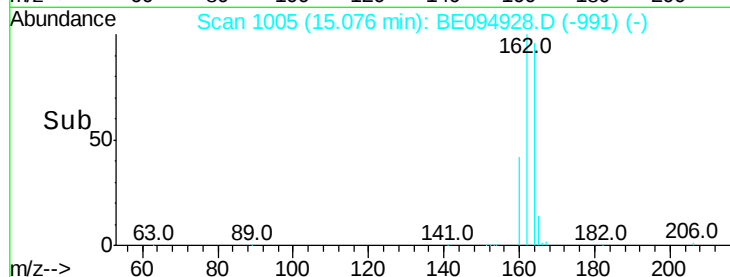
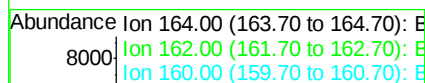
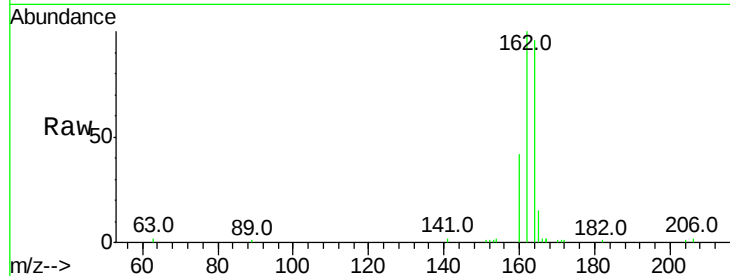
162 104.4 83.1 124.7

160 44.2 37.1 55.7

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#14

2,4,6-Tribromophenol

Concen: 0.331 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

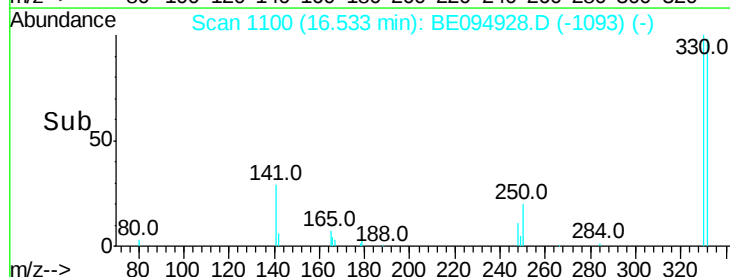
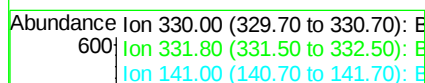
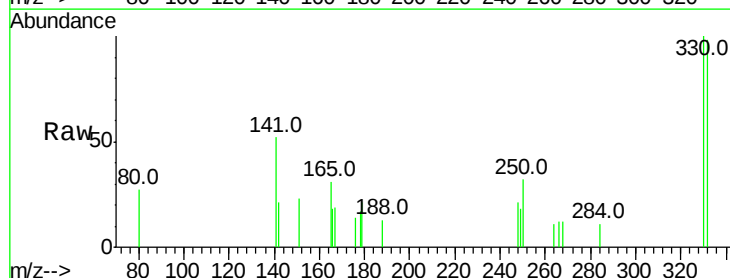
Tgt Ion:330 Resp: 652

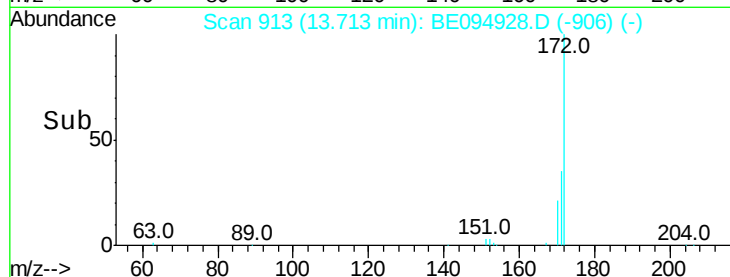
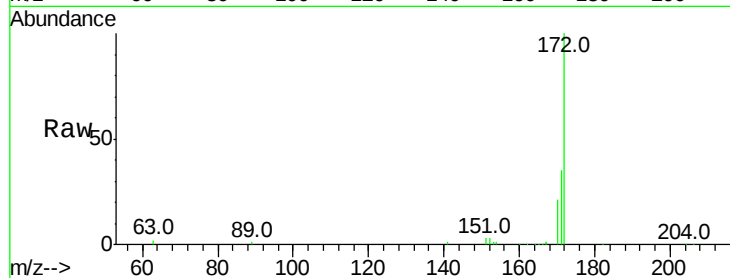
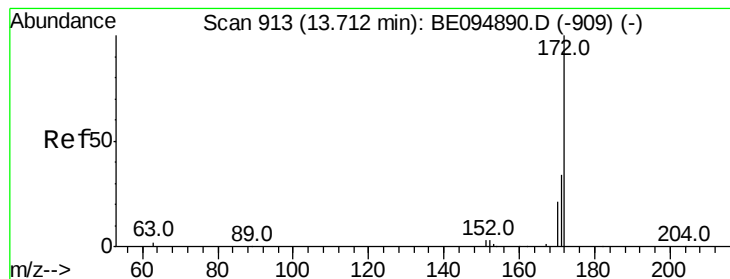
Ion Ratio Lower Upper

330 100

332 93.1 152.7 229.1#

141 59.0 33.7 50.5#





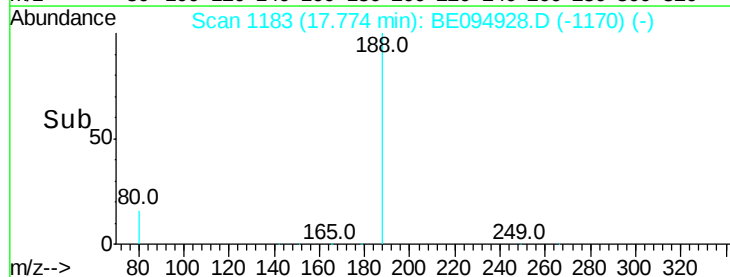
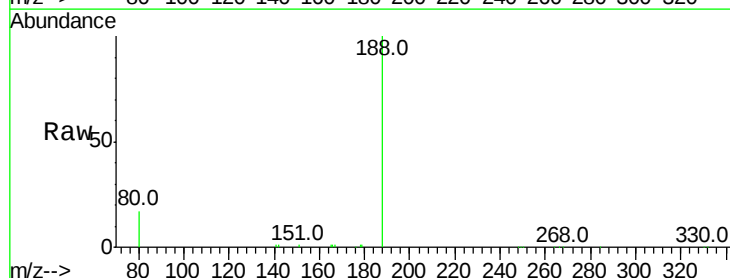
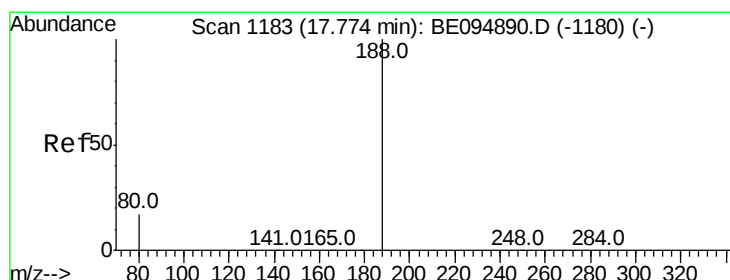
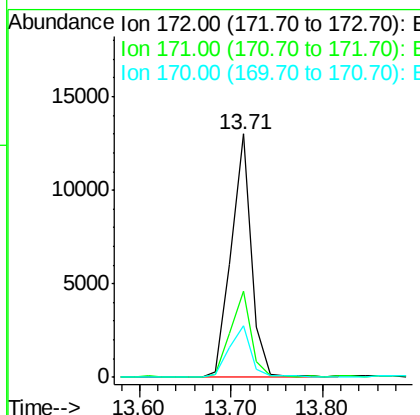
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094928.D
Acq: 5 Dec 2017 23:11

Instrument :
BNA_E
ClientSampleId :
FT-MW01I-20171130

Tot Ion	Ratio	Resp	Lower	Upper
172	100	19551		
171	35.3		29.9	44.9
170	21.3		21.8	32.8

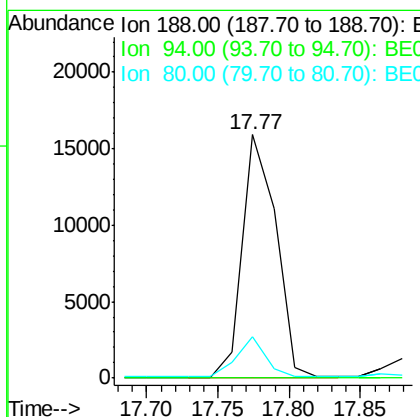
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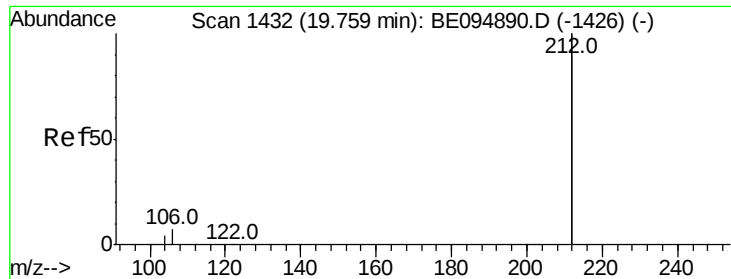
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094928.D
Acq: 5 Dec 2017 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	26309		
94	0.0		3.9	5.9
80	17.1		3.6	5.4





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

Instrument :

BNA_E

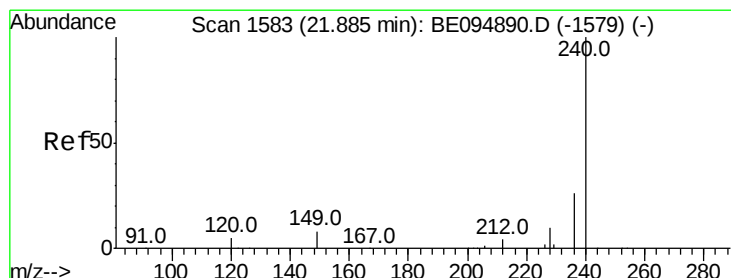
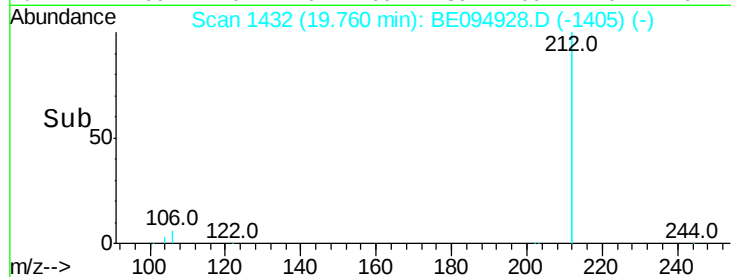
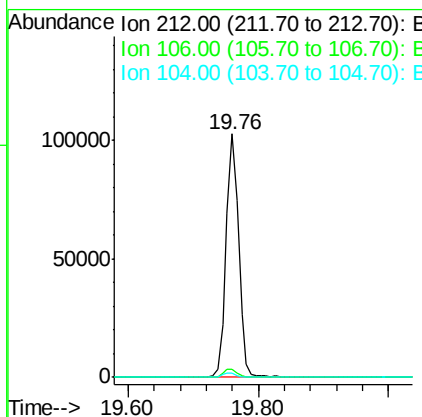
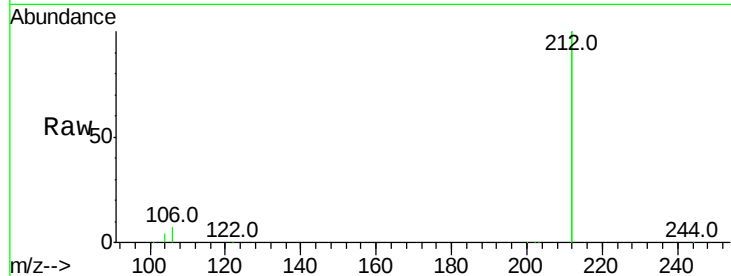
ClientSampleId :

FT-MW01I-20171130

Tot Ion:	212	Resp:	136321
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

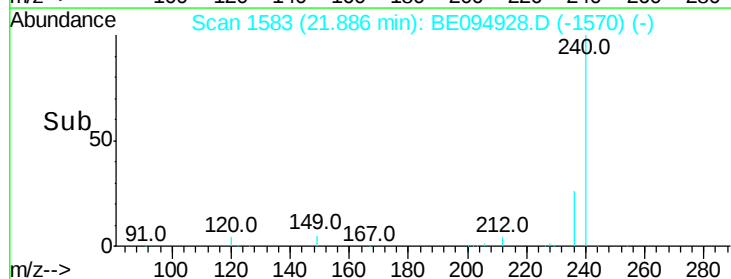
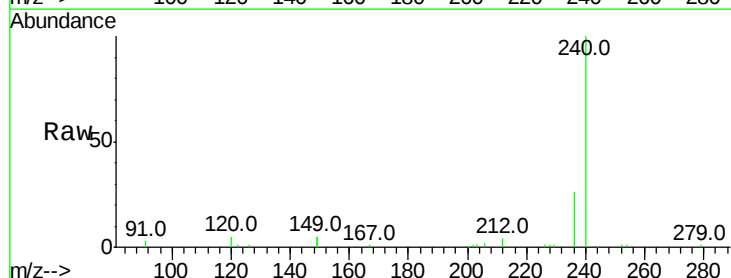
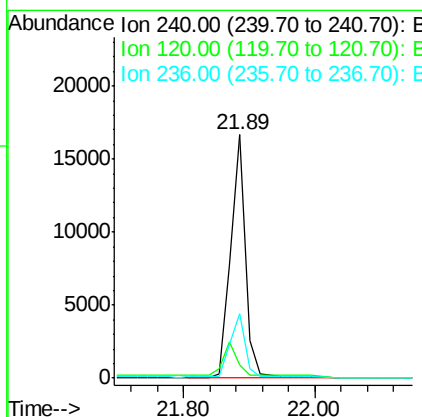
RT: 21.89 min Scan# 1583

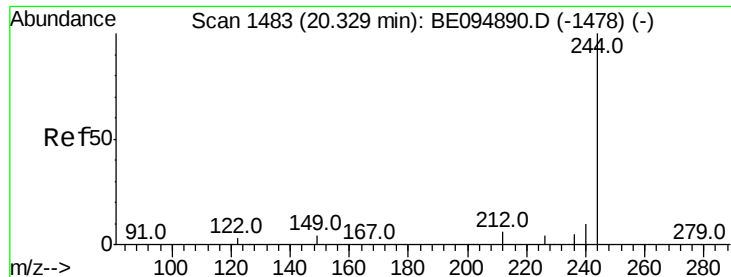
Delta R.T. 0.00 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

Tgt Ion:	240	Resp:	27521
Ion Ratio	Lower	Upper	
240	100		
120	5.3	5.5	8.3#
236	26.3	20.7	31.1





#29

Terphenyl-d14

Concen: 0.511 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

Instrument :

BNA_E

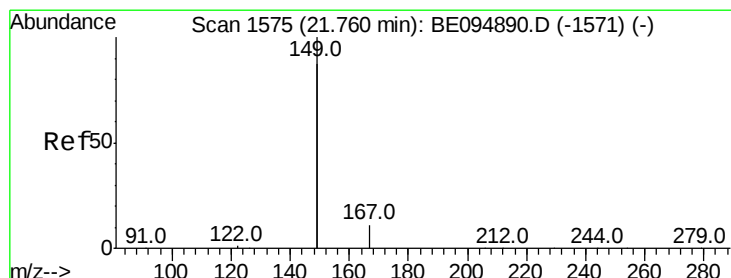
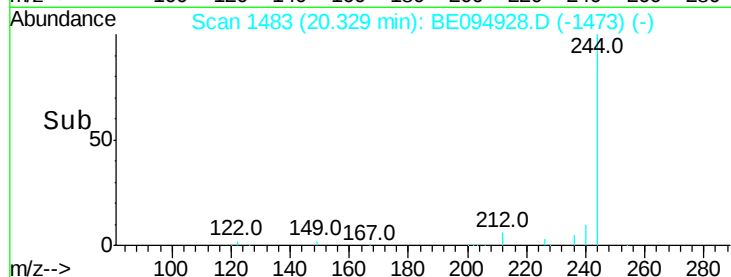
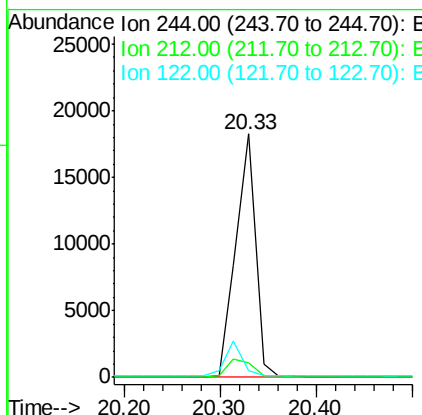
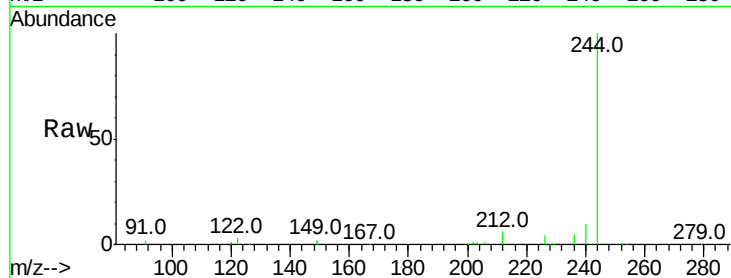
ClientSampleId :

FT-MW01I-20171130

Tot Ion:	244	Resp:	25957
Ion Ratio	Lower	Upper	
244	100		
212	6.1	25.4	38.0#
122	2.9	8.1	12.1#

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.163 ng

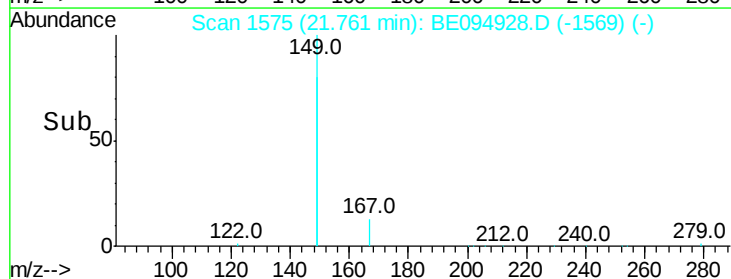
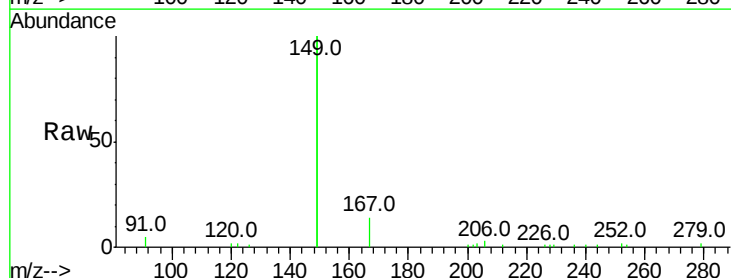
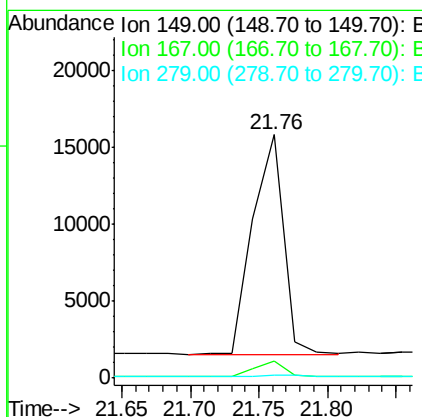
RT: 21.76 min Scan# 1575

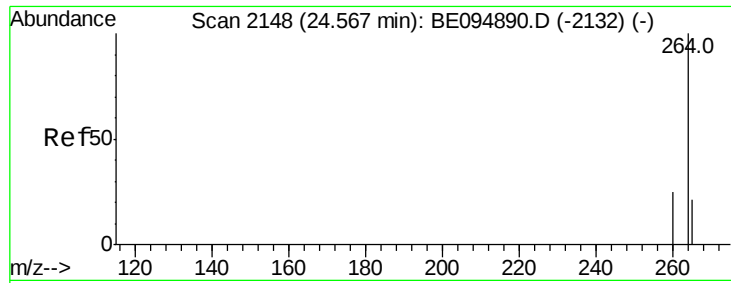
Delta R.T. 0.00 min

Lab File: BE094928.D

Acq: 5 Dec 2017 23:11

Tgt Ion:	149	Resp:	22822
Ion Ratio	Lower	Upper	
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1





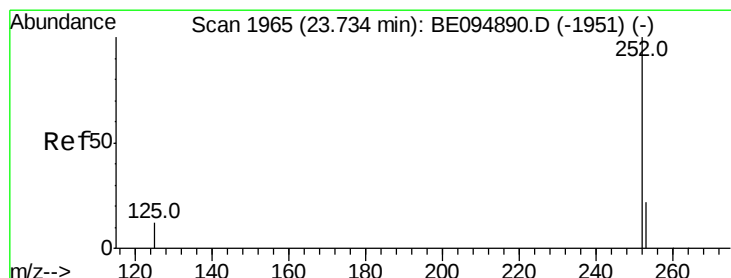
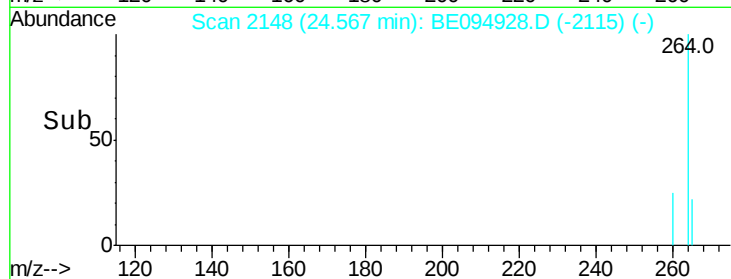
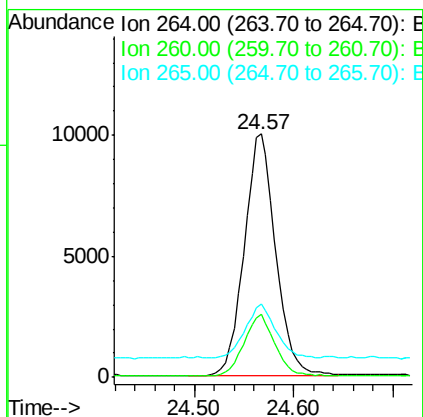
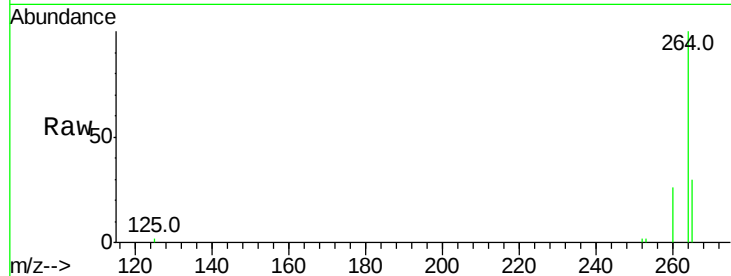
#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE094928.D
Acq: 5 Dec 2017 23:11

Instrument :
BNA_E
ClientSampleId :
FT-MW01I-20171130

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	30.0	22.8	34.2

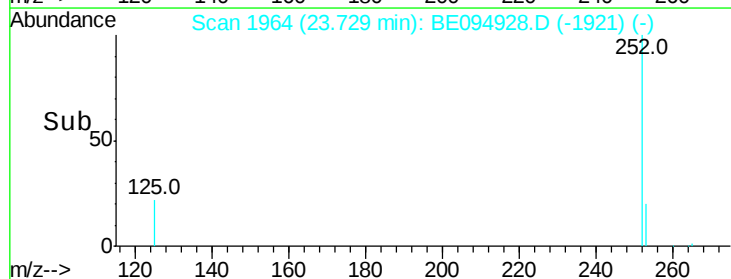
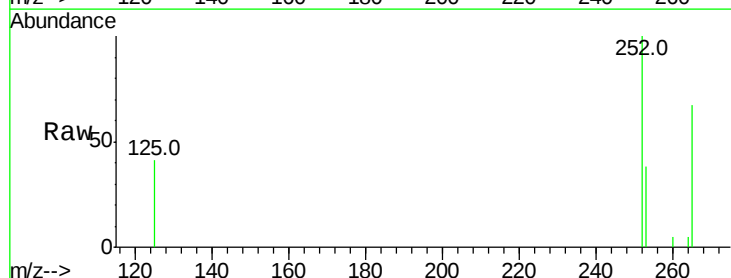
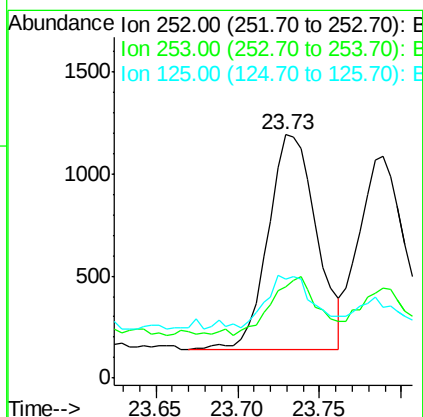
Manual Integrations
APPROVED

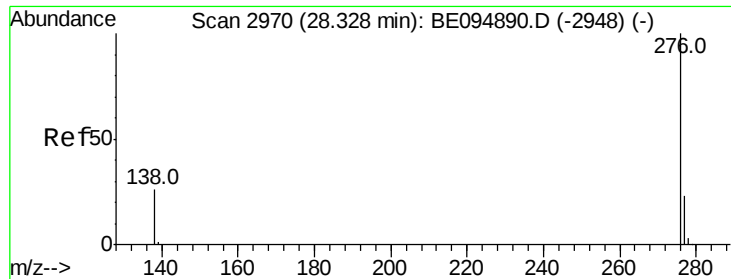
Sohil
12/6/2017 5:10:26 PM



#35
Benzo(b)fluoranthene
Concen: 0.027 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE094928.D
Acq: 5 Dec 2017 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.6	48.0	72.0#
125	40.7	56.0	84.0#





#39
 Benzo(a,h,i)perylene
 Concen: 0.028 ng
 RT: 28.33 min Scan# 2970
 Delta R.T. -0.00 min
 Lab File: BE094928.D
 Acq: 5 Dec 2017 23:11

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW01I-20171130

Tot Ion	Ratio	Lower	Upper
276	100		
277	32.8	52.0	78.0#
138	32.8	44.0	66.0#

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:10:26 PM

