

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094934.D
 Acq On : 6 Dec 2017 2:46
 Operator : SJ/JU
 Sample : I6698-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW03S-20171130

Manual Integrations
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Sohil
 12/6/2017 5:10:38 PM

Quant Time: Dec 06 06:59:59 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	7998	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	18510	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10576	0.40	ng	-0.02
19) Phenanthrene-d10	17.77	188	25485	0.40	ng	0.00
27) Chrysene-d12	21.87	240	26237m	0.40	ng	-0.01
34) Perylene-d12	24.56	264	22953	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	2614	0.21	ng	0.00
5) Phenol-d6	7.60	99	2478	0.13	ng	0.01
8) Nitrobenzene-d5	9.67	82	5777	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	12024	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1159	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	20838	0.46	ng	0.00
25) Fluoranthene-d10	19.75	212	140279	0.40	ng	0.00
29) Terphenyl-d14	20.31	244	26981	0.56	ng	-0.01
Target Compounds						
30) Benzo(a)anthracene	21.86	228	2375	0.030	ng	Qvalue # 68
31) Chrysene	21.92	228	2305m	0.026	ng	
32) Bis(2-ethylhexyl)phthalate	21.75	149	20609	0.155	ng	100
33) Indeno(1,2,3-cd)pyrene	27.42	276	2184	0.030	ng	99
35) Benzo(b)fluoranthene	23.72	252	2336	0.028	ng	# 71
38) Dibenzo(a,h)anthracene	27.45	278	1769	0.026	ng	# 66
39) Benzo(g,h,i)perylene	28.31	276	2189	0.032	ng	# 64

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

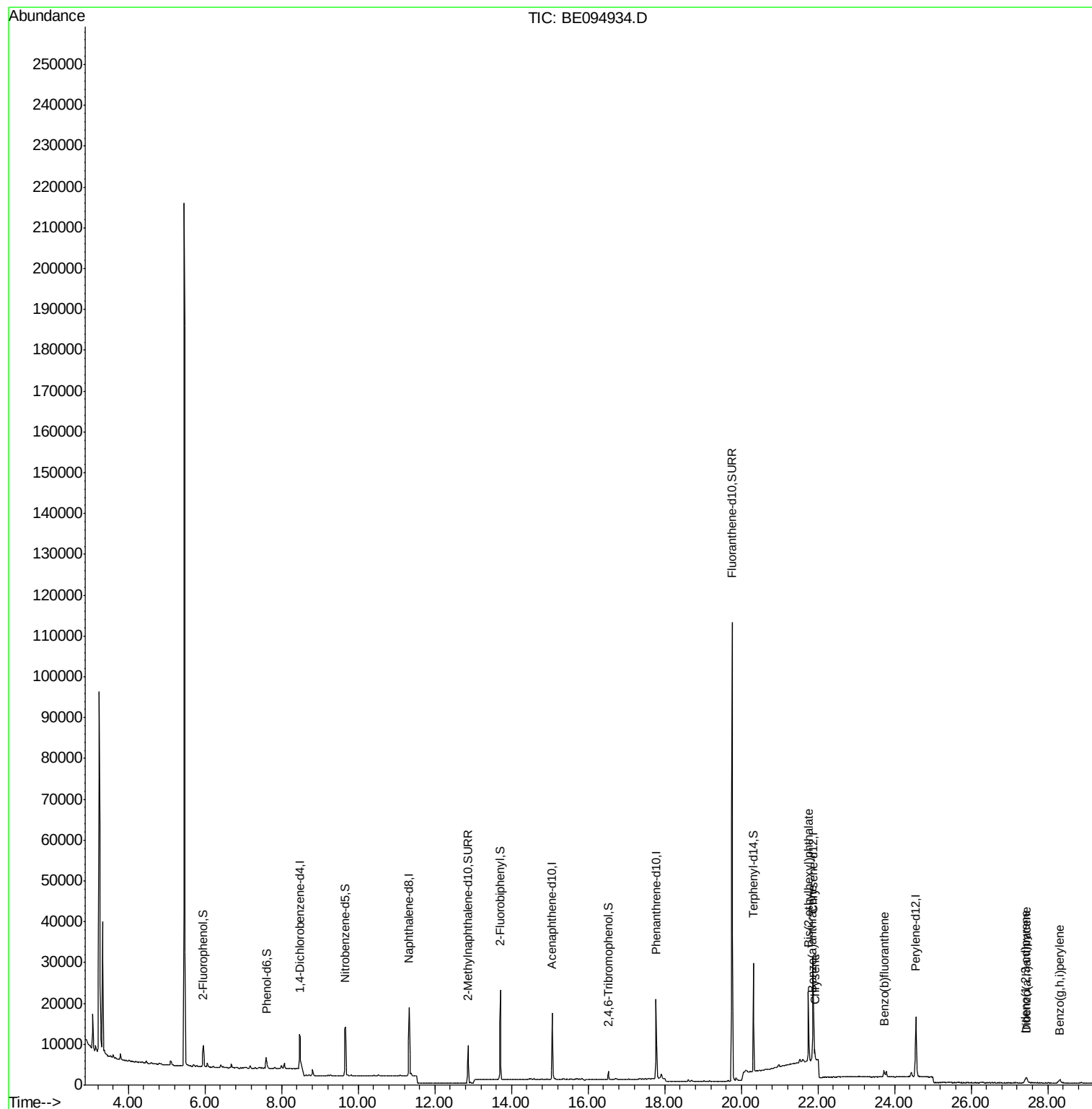
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094934.D
Acq On : 6 Dec 2017 2:46
Operator : SJ/JU
Sample : I6698-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

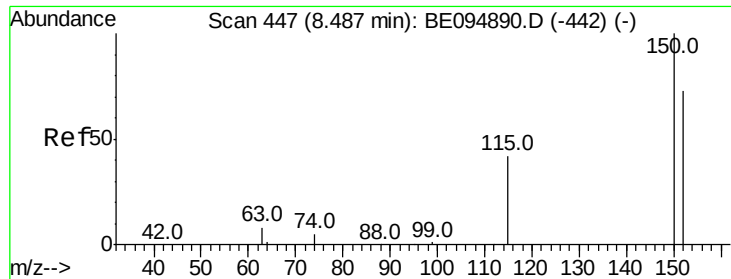
Instrument :
BNA_E
ClientSampleId :
FT-MW03S-20171130

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Quant Time: Dec 06 06:59:59 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

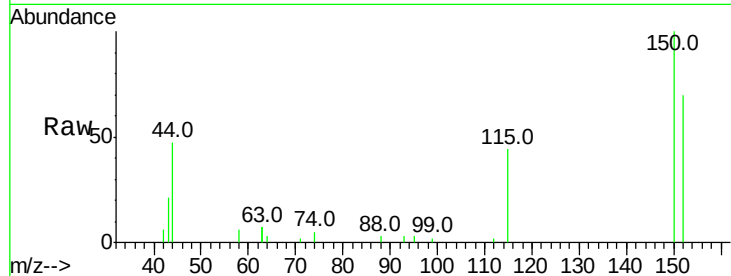
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094934.D
Acq: 6 Dec 2017 2:46

Instrument :
BNA_E
ClientSampleId :
FT-MW03S-20171130

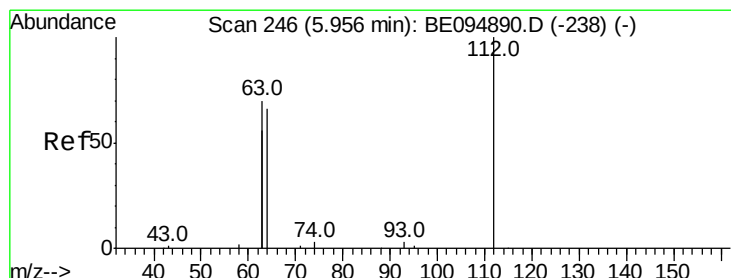
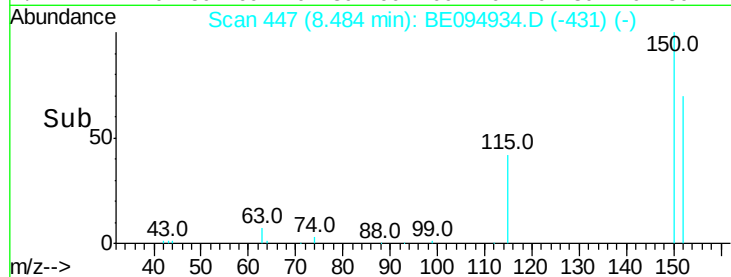
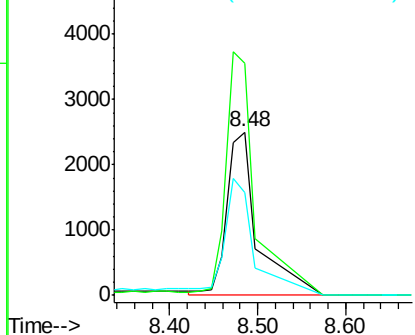
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.1	117.2	175.8
115	63.2	57.0	85.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

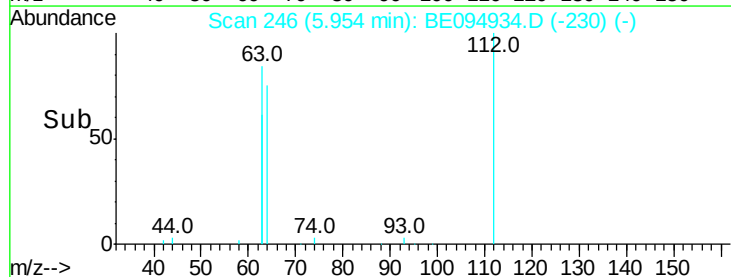
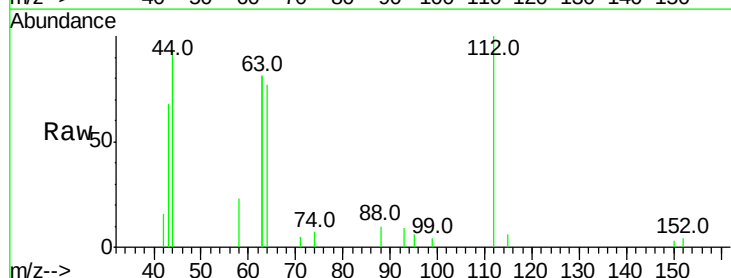
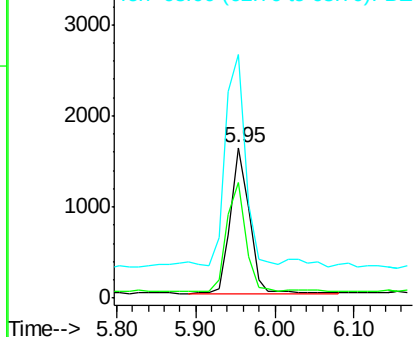


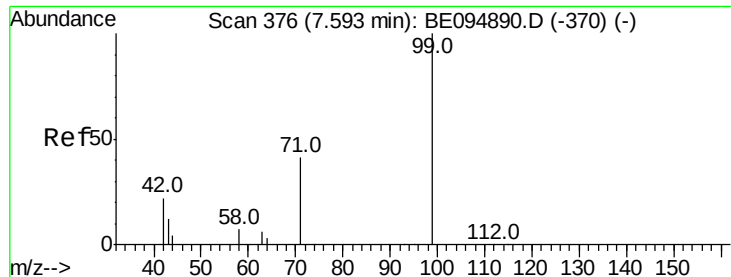
#4

2-Fluorophenol
Concen: 0.206 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094934.D
Acq: 6 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.9	60.1	90.1
63	172.3	116.8	175.2

Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.132 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Instrument :

BNA_E

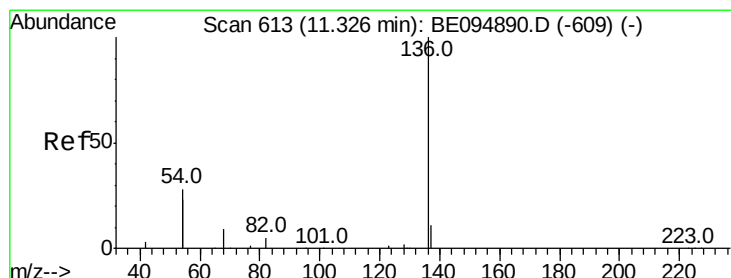
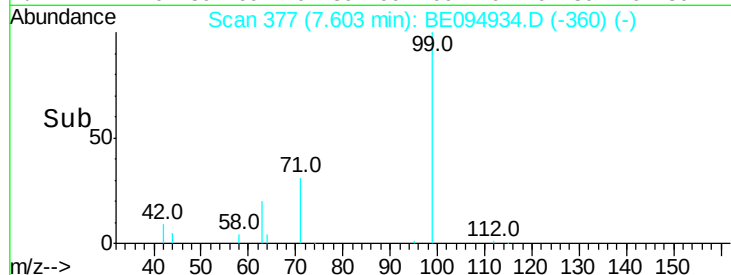
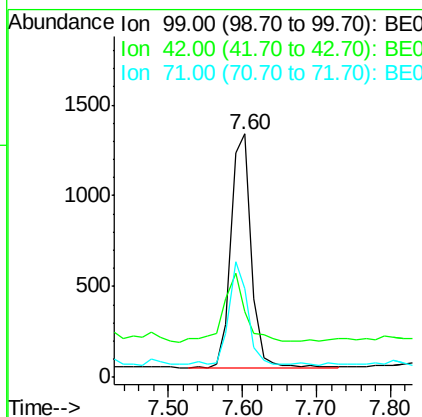
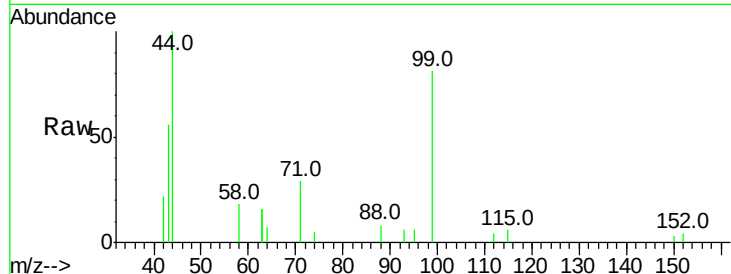
ClientSampleId :

FT-MW03S-20171130

Tot Ion:	99	Resp:	2478
Ion	Ratio	Lower	Upper
99	100		
42	31.7	20.2	30.2#
71	41.3	28.4	42.6

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#7

Naphthalene-d8

Concen: 0.400 ng

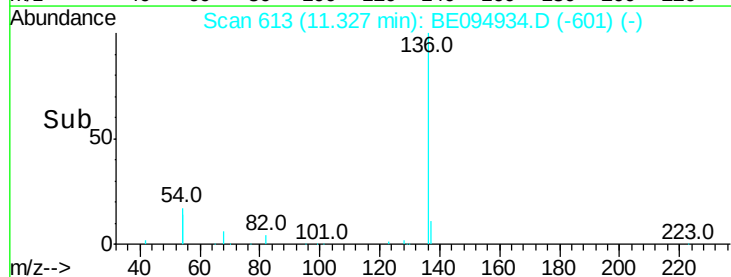
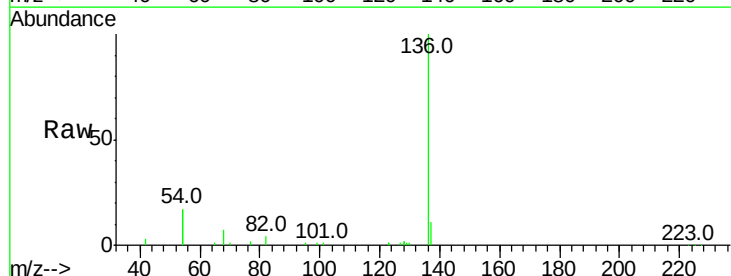
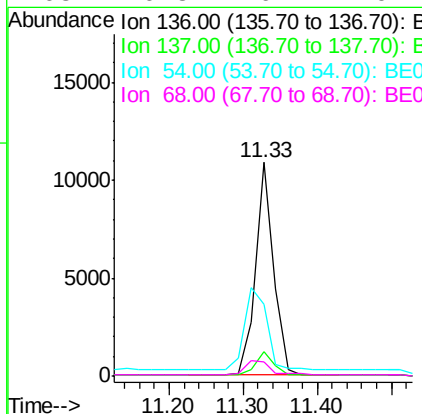
RT: 11.33 min Scan# 613

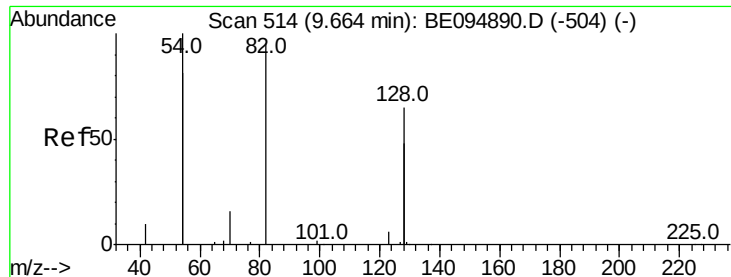
Delta R.T. 0.00 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Tgt Ion:	136	Resp:	18510
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	33.7	29.1	43.7
68	6.8	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.527 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Instrument :

BNA_E

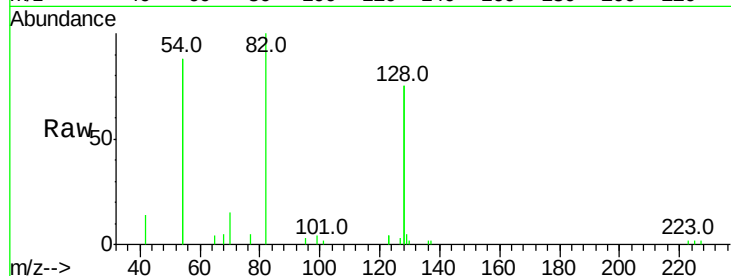
ClientSampleId :

FT-MW03S-20171130

Tot Ion:	82	Resp:	5777
Ion	Ratio	Lower	Upper
82	100		
128	149.8	150.0	225.0#
54	175.9	154.2	231.4

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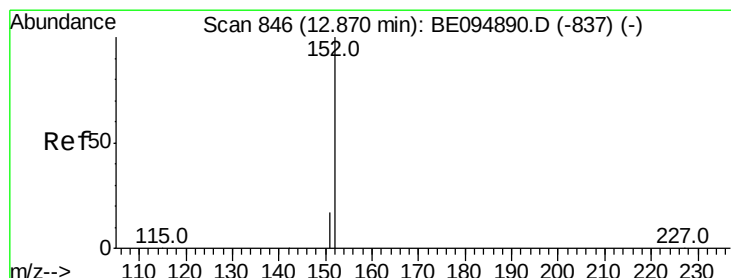
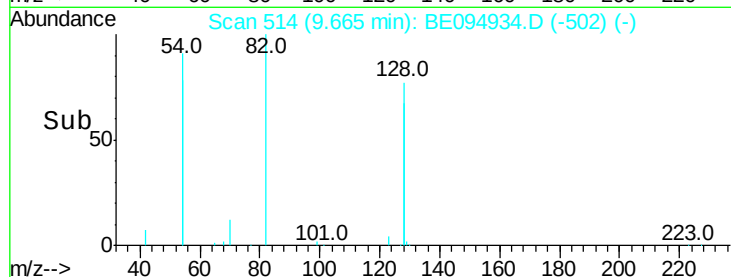
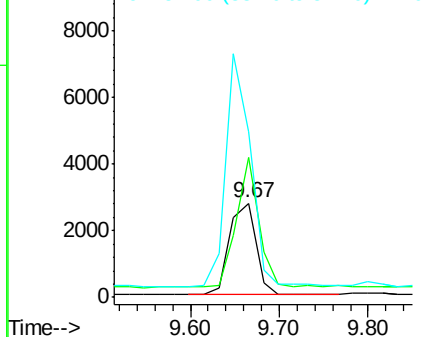
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Abundance Ion 82.00 (81.70 to 82.70): BE094890.D (-504) (-)

Ion 128.00 (127.70 to 128.70): BE094890.D (-504) (-)

Ion 54.00 (53.70 to 54.70): BE094890.D (-504) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

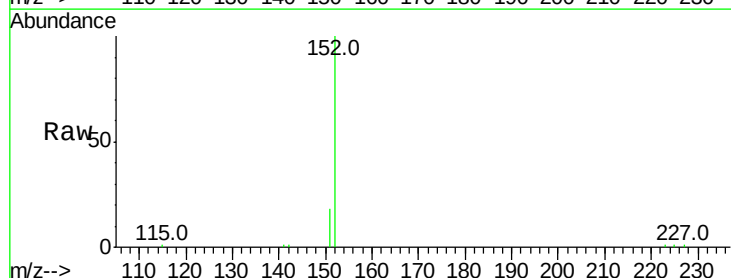
RT: 12.87 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE094934.D

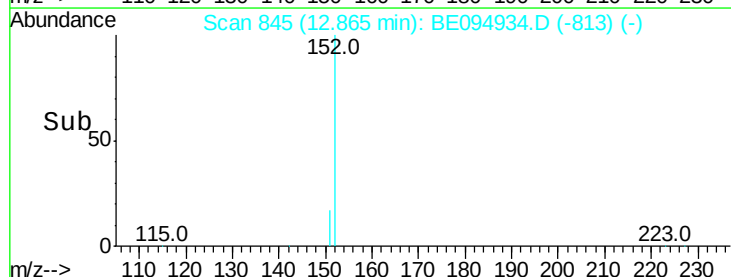
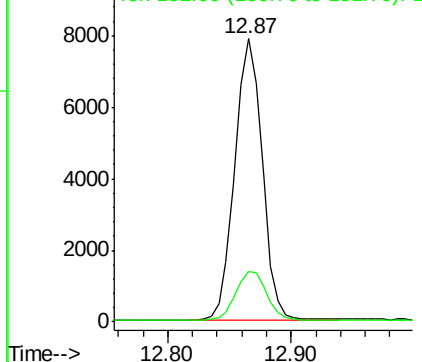
Acq: 6 Dec 2017 2:46

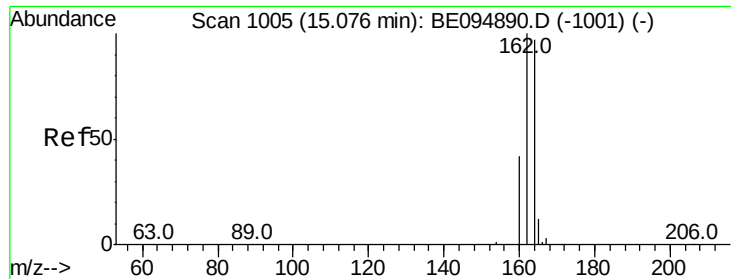
Tgt Ion:	152	Resp:	12024
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094890.D (-837) (-)

Ion 151.00 (150.70 to 151.70): BE094890.D (-837) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Instrument :

BNA_E

ClientSampleId :

FT-MW03S-20171130

Tot Ion:164 Resp: 10576

Ion Ratio Lower Upper

164 100

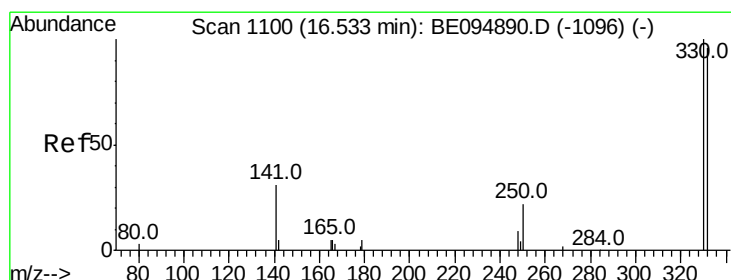
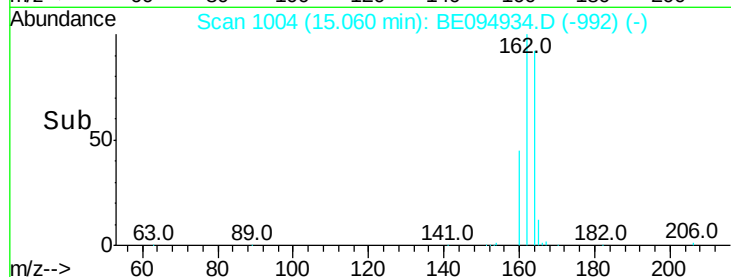
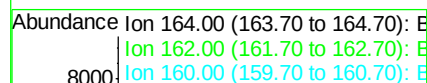
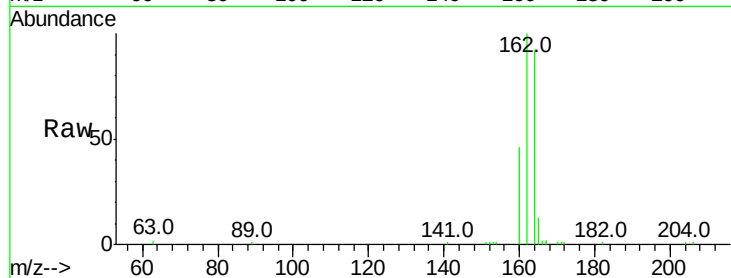
162 108.7 83.1 124.7

160 49.5 37.1 55.7

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#14

2,4,6-Tribromophenol

Concen: 0.508 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

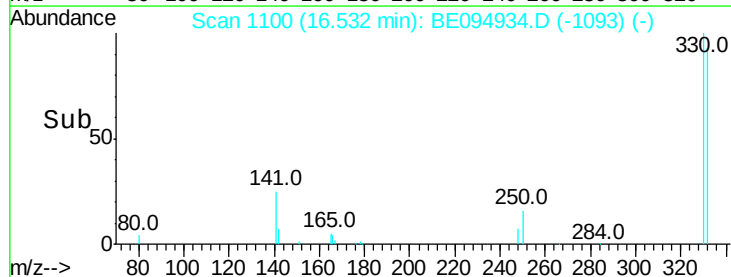
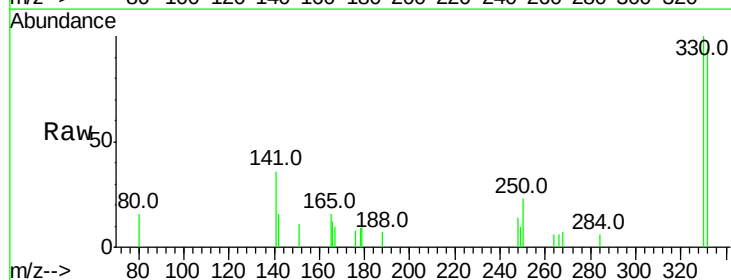
Tgt Ion:330 Resp: 1159

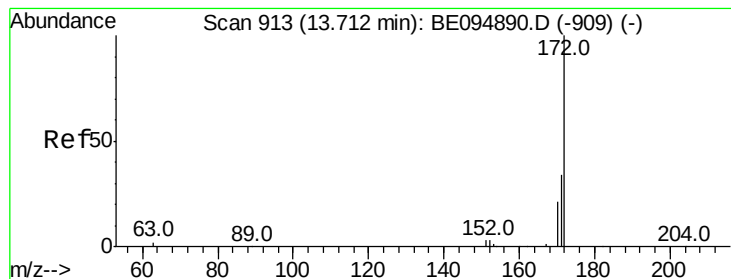
Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

141 52.8 33.7 50.5#





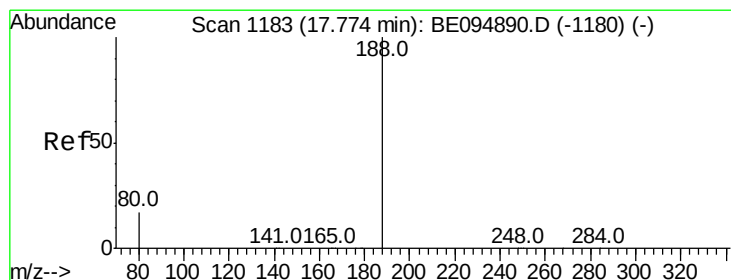
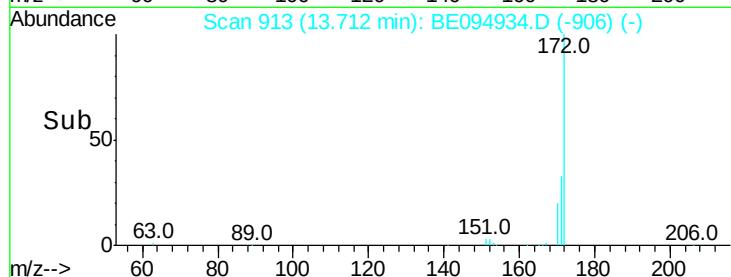
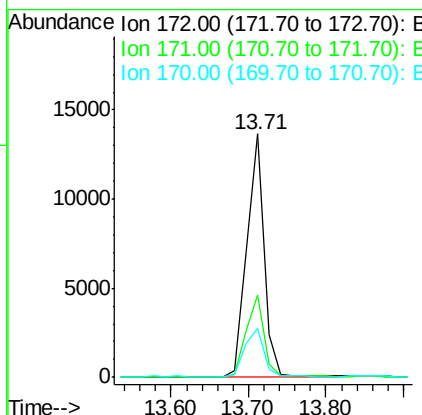
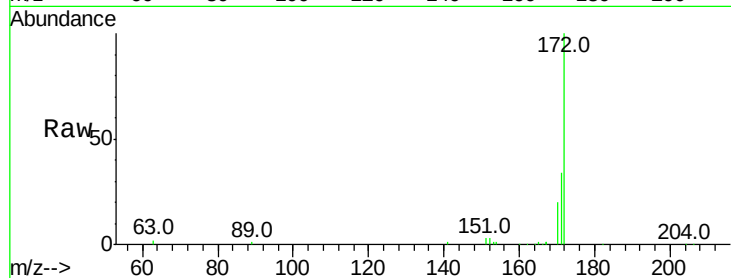
#15
2-Fluorobiphenyl
Concen: 0.460 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094934.D
Acq: 6 Dec 2017 2:46

Instrument :
BNA_E
ClientSampleId :
FT-MW03S-20171130

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.9	44.9
170	20.3	21.8	32.8#

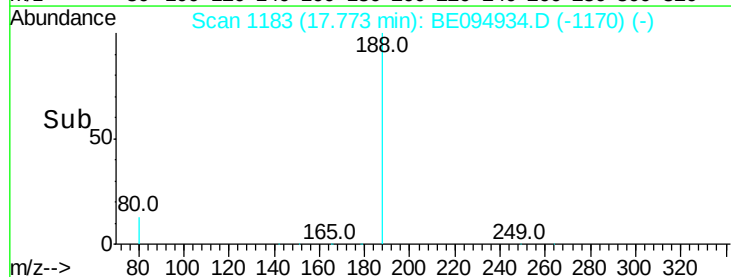
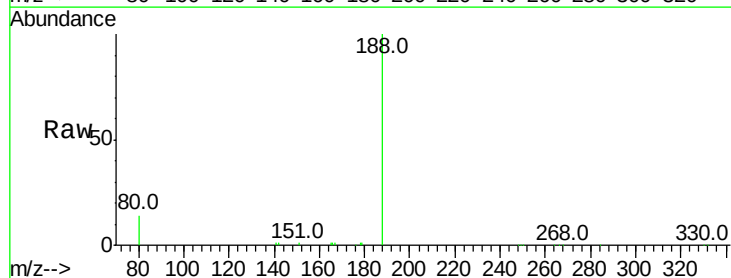
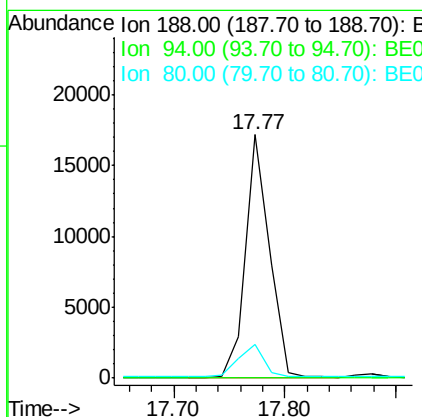
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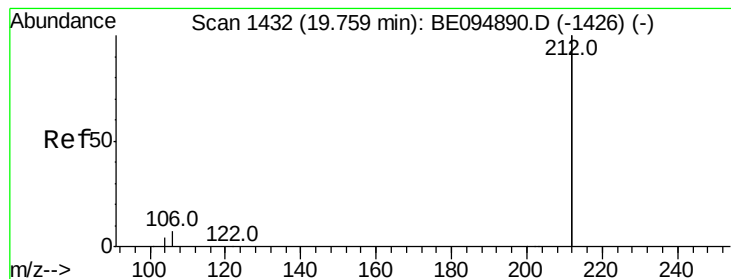
Sohil
12/6/2017 5:10:38 PM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094934.D
Acq: 6 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.8	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Instrument :

BNA_E

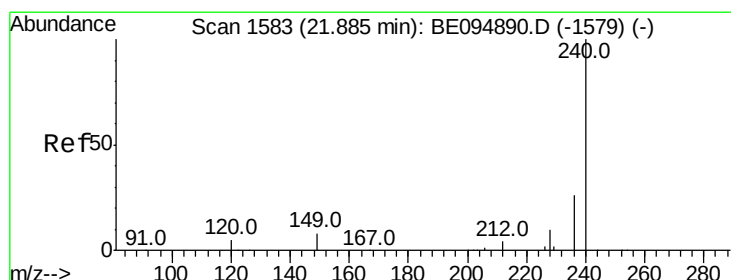
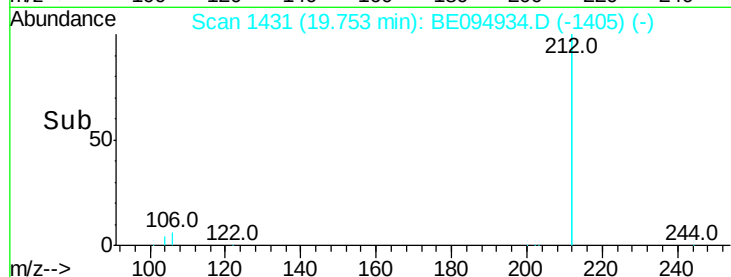
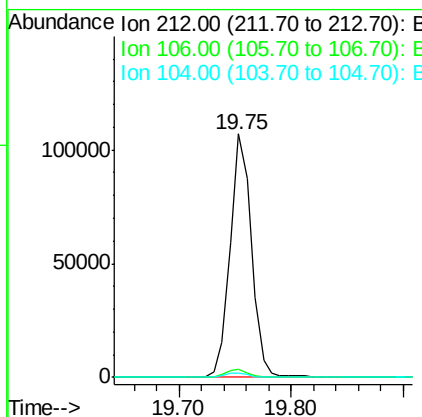
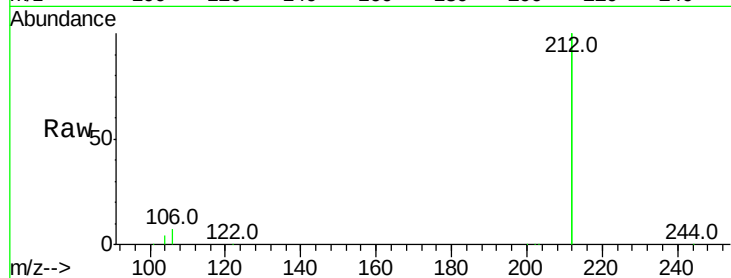
ClientSampleId :

FT-MW03S-20171130

Tot Ion:	212	Resp:	140279
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 m

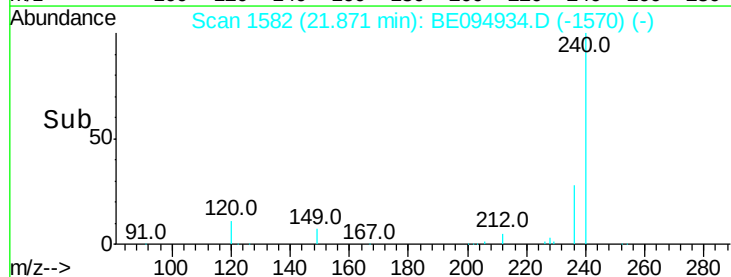
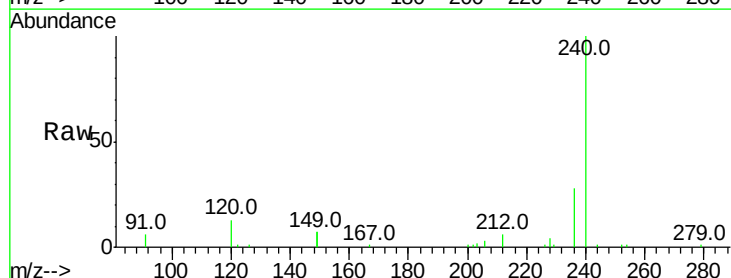
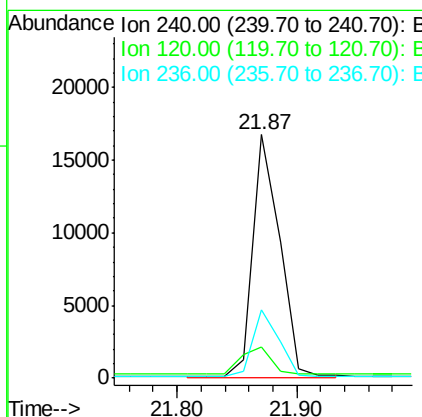
RT: 21.87 min Scan# 1582

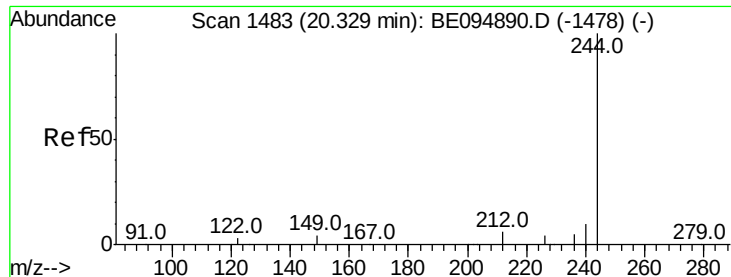
Delta R.T. -0.01 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Tgt Ion:	240	Resp:	26237
Ion Ratio	Lower	Upper	
240	100		
120	13.0	5.5	8.3#
236	28.1	20.7	31.1





#29

Terphenyl-d14

Concen: 0.557 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Instrument :

BNA_E

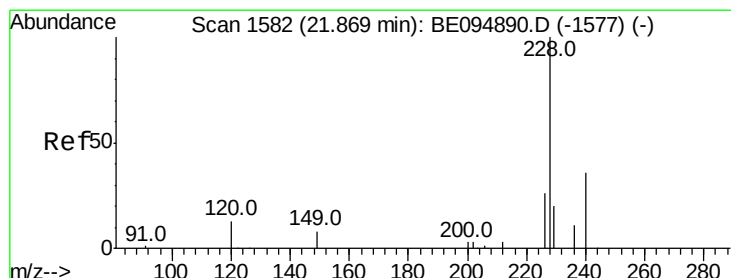
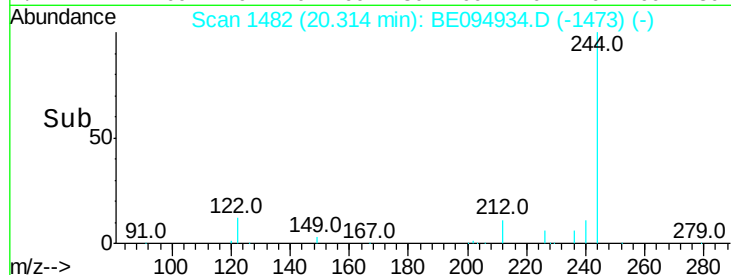
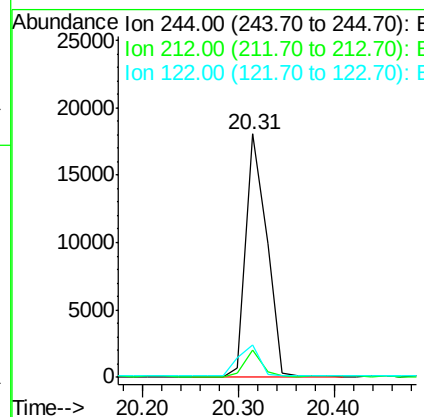
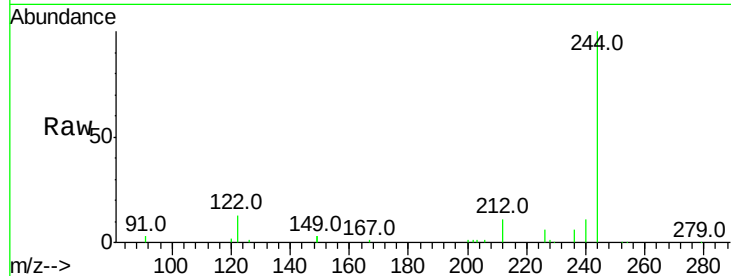
ClientSampleId :

FT-MW03S-20171130

Tot Ion:	244	Resp:	26981
Ion Ratio	Lower	Upper	
244	100		
212	11.0	25.4	38.0#
122	13.1	8.1	12.1#

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#30

Benzo(a)anthracene

Concen: 0.030 ng

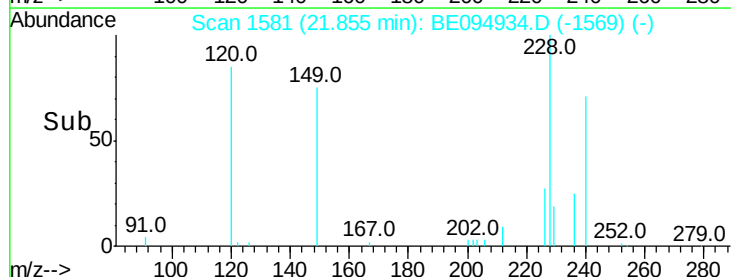
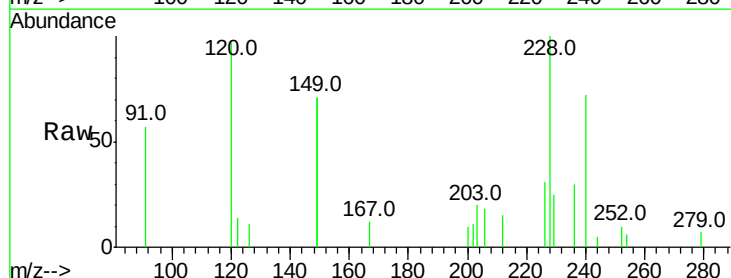
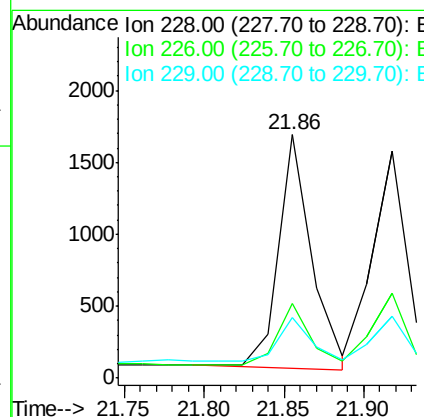
RT: 21.86 min Scan# 1581

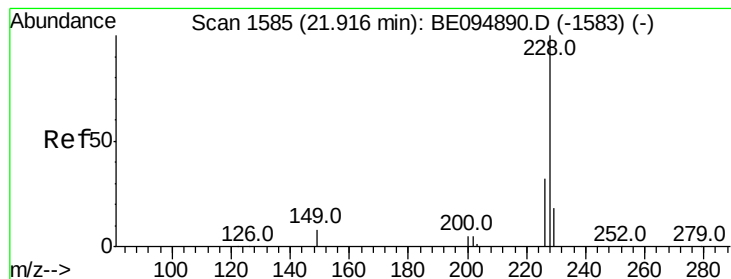
Delta R.T. -0.01 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Tgt Ion:	228	Resp:	2375
Ion Ratio	Lower	Upper	
228	100		
226	30.6	40.0	60.0#
229	24.9	40.0	60.0#





#31

Chrysene

Concen: 0.026 ng/mL

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Instrument :

BNA_E

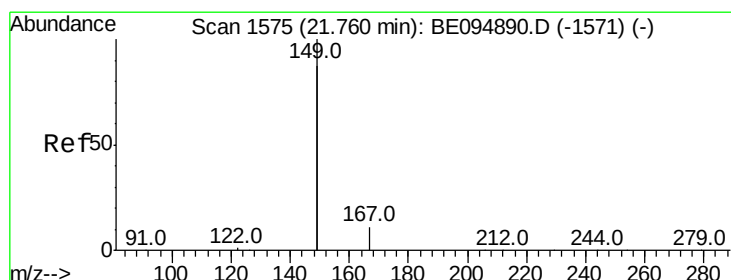
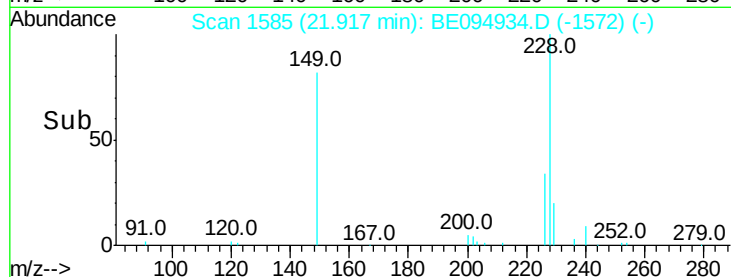
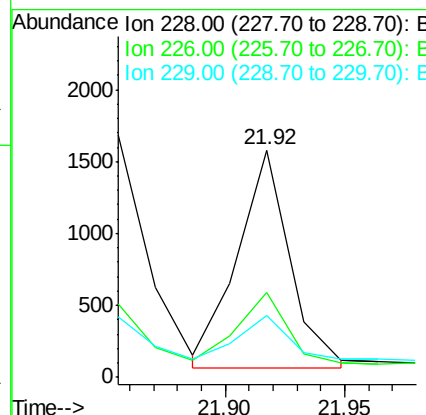
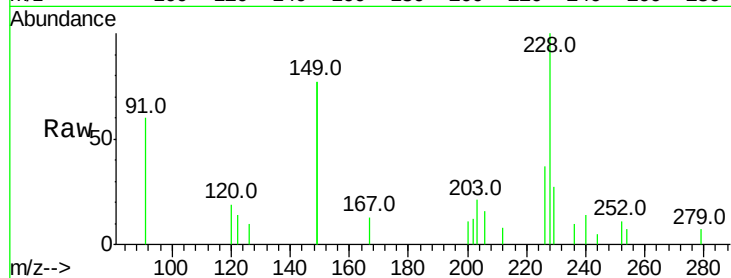
ClientSampleId :

FT-MW03S-20171130

Tot Ion:	228	Resp:	2305
Ion Ratio	Lower	Upper	
228	100		
226	37.2	40.0	60.0#
229	27.2	40.0	60.0#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.155 ng/mL

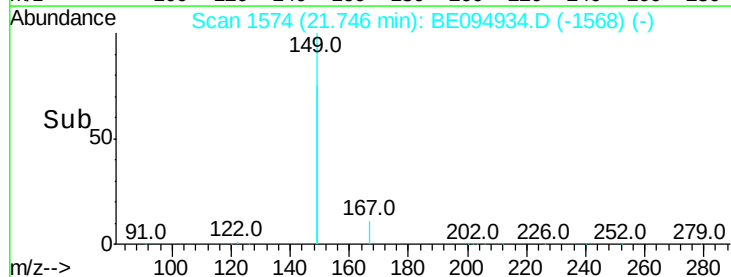
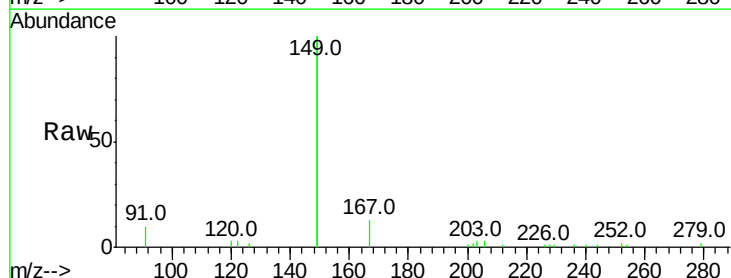
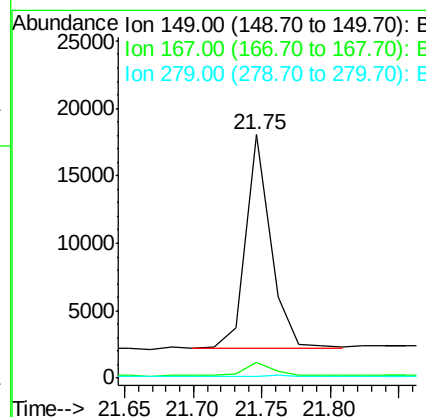
RT: 21.75 min Scan# 1574

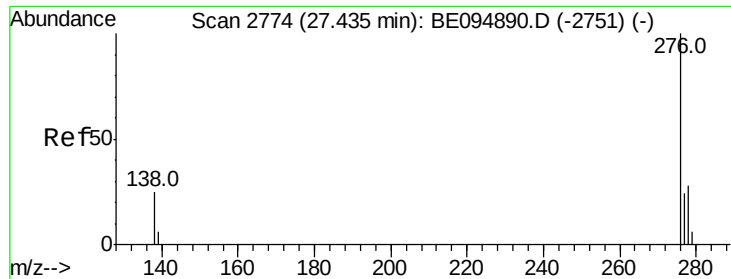
Delta R.T. -0.01 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Tgt Ion:	149	Resp:	20609
Ion Ratio	Lower	Upper	
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1





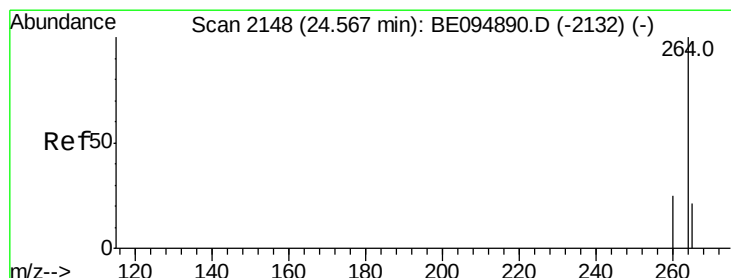
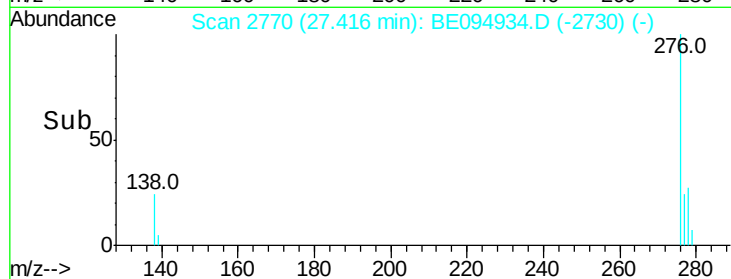
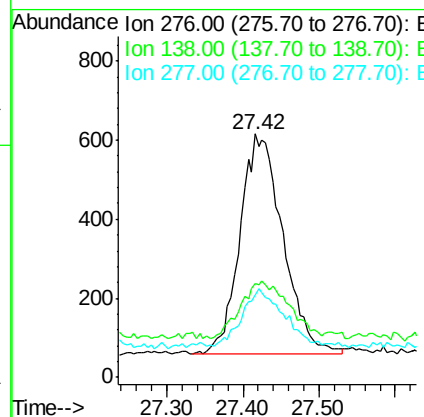
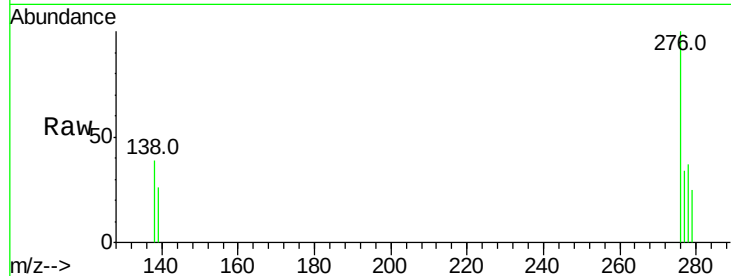
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.030 ng
 RT: 27.42 min Scan# 2770
 Delta R.T. -0.02 min
 Lab File: BE094934.D
 Acq: 6 Dec 2017 2:46

Instrument :
 BNA_E
 ClientSampleId :
 FT-MW03S-20171130

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	22.5	33.7
277	24.9	19.9	29.9

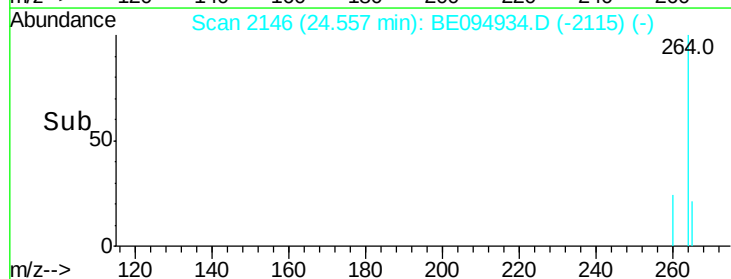
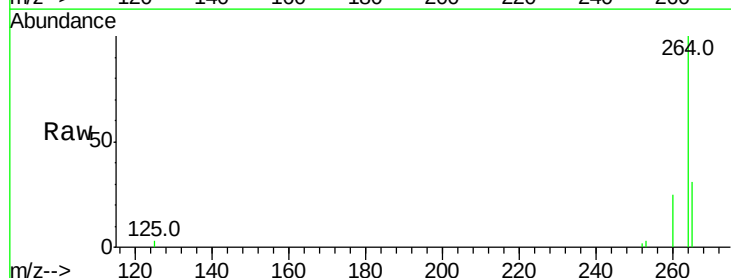
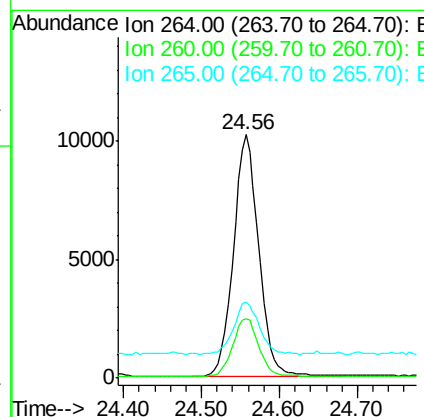
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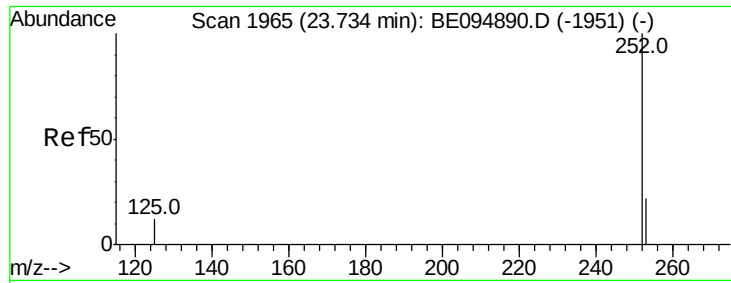
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.56 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BE094934.D
 Acq: 6 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.5	30.7
265	31.0	22.8	34.2





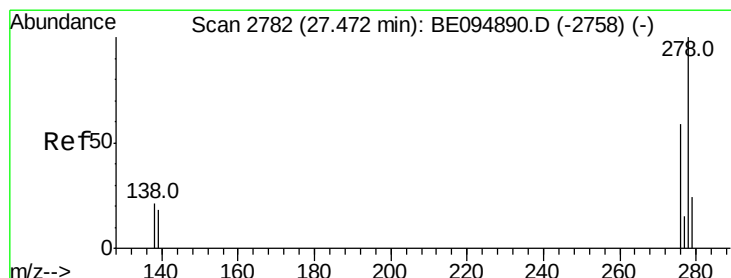
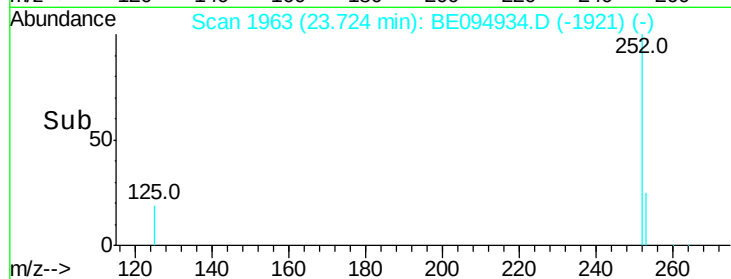
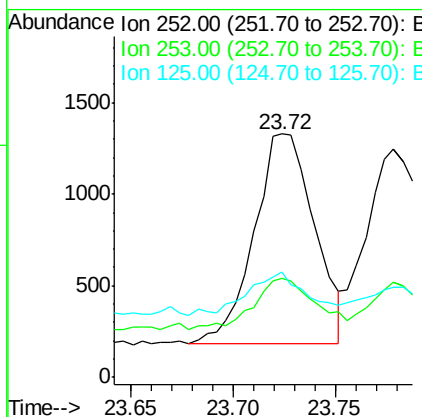
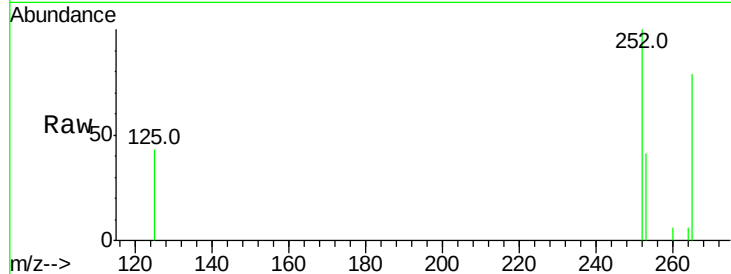
#35
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 23.72 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BE094934.D
Acq: 6 Dec 2017 2:46

Instrument :
BNA_E
ClientSampleId :
FT-MW03S-20171130

Tot Ion	Ratio	Lower	Upper
252	100		
253	40.9	48.0	72.0#
125	43.0	56.0	84.0#

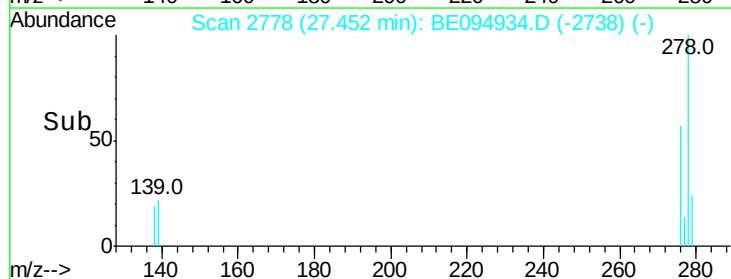
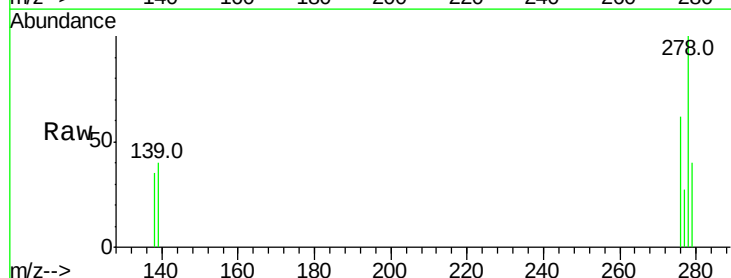
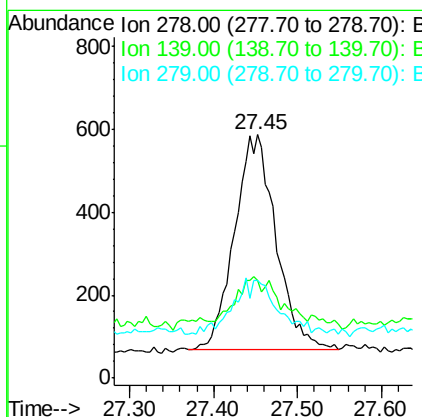
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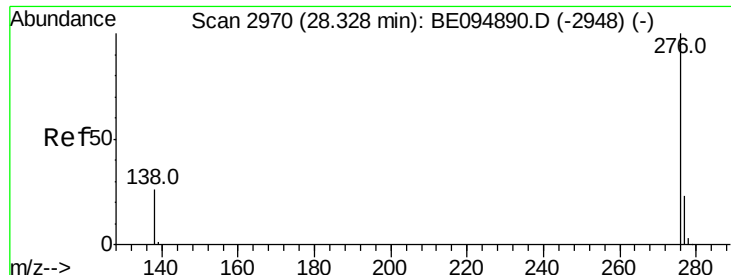
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#38
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 27.45 min Scan# 2778
Delta R.T. -0.02 min
Lab File: BE094934.D
Acq: 6 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.3	56.0	84.0#
279	40.1	52.0	78.0#





#39

Benzo(a,h,i)perylene

Concen: 0.032 ng

RT: 28.31 min Scan# 2966

Delta R.T. -0.02 min

Lab File: BE094934.D

Acq: 6 Dec 2017 2:46

Instrument :

BNA_E

ClientSampleId :

FT-MW03S-20171130

Tot Ion:	276	Resp:	2189
Ion Ratio	Lower	Upper	
276	100		
277	34.6	52.0	78.0#
138	31.2	44.0	66.0#

Manual Integrations
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