Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094930.D
Acq On : 6 Dec 2017 00:23
Operator : SJ/JU
Sample : I6698-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

Manual Integrations APPROVED
Sohil
12/6/2017 5:10:30 PM

Quant Time: Dec 06 15:55:50 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	9999	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	24276	0.40	ng		0.00
13) Acenaphthene-d10	15.08	164	33839	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	26739	0.40	ng		0.00
27) Chrysene-d12	21.89	240	24039m	0.40	ng		0.00
34) Perylene-d12	24.57	264	21936	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	3288	0.21	ng		0.00
5) Phenol-d6	7.60	99	2509	0.11	ng		0.00
8) Nitrobenzene-d5	9.66	82	7899	0.55	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	16538	0.43	ng		0.00
14) 2,4,6-Tribromophenol	16.55	330	1725	0.30	ng		0.02
15) 2-Fluorobiphenyl	13.71	172	22779	0.16	ng		0.00
25) Fluoranthene-d10	19.76	212	128645	0.35	ng		0.00
29) Terphenyl-d14	20.33	244	22114	0.50	ng		0.00
Target Compounds							Qvalue
28) Pyrene	20.14	202	10664	0.128	ng		97
30) Benzo(a)anthracene	21.87	228	3178	0.043	ng	#	87
31) Chrysene	21.92	228	3705m	0.045	ng		
32) Bis(2-ethylhexyl)phthalate	21.76	149	60987	0.499	ng	#	92
33) Indeno(1,2,3-cd)pyrene	27.43	276	3981	0.060	ng	#	85
35) Benzo(b)fluoranthene	23.73	252	6024m	0.075	ng		
36) Benzo(k)fluoranthene	23.79	252	3392	0.042	ng		87
39) Benzo(g,h,i)perylene	28.33	276	3792	0.059	ng	#	69

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE120517\
Data File : BE094930.D
Acq On : 6 Dec 2017 00:23
Operator : SJ/JU
Sample : I6698-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 06 15:55:50 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

Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

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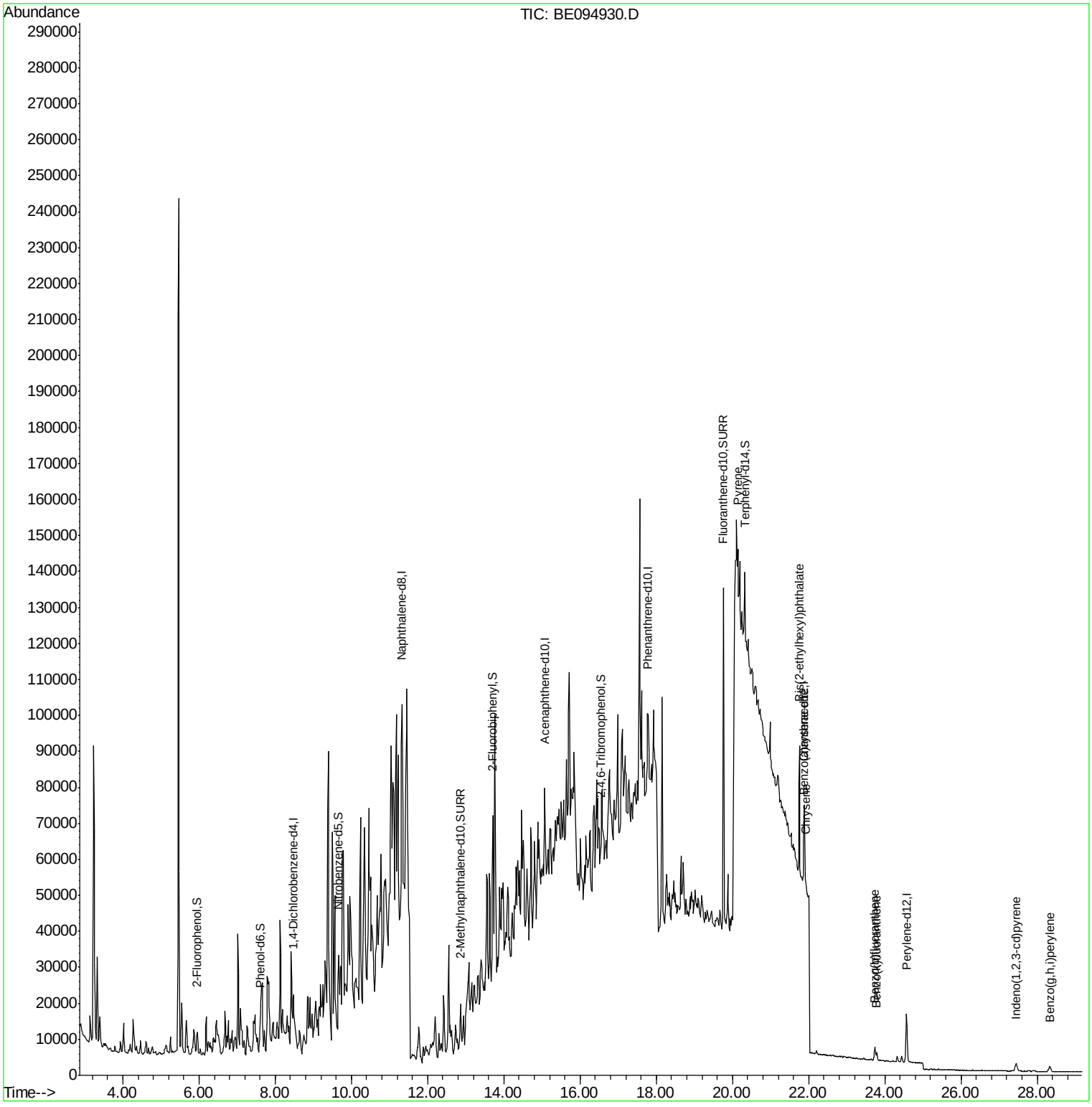
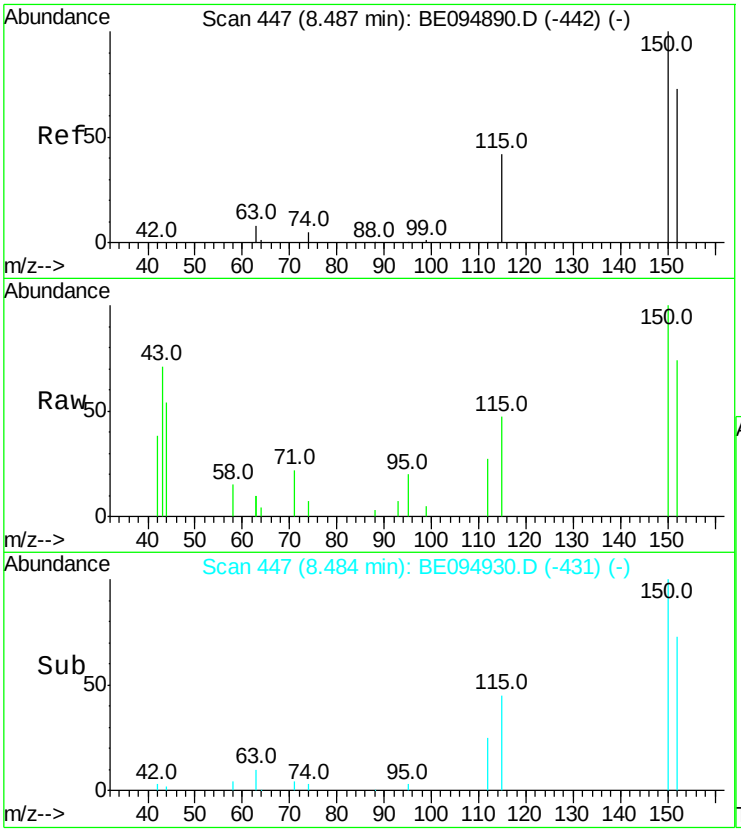
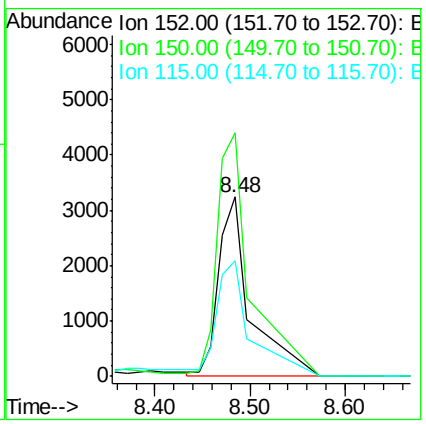




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:152 Resp: 9999

Ion	Ratio	Lower	Upper
152	100		
150	135.9	117.2	175.8
115	64.4	57.0	85.6



Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

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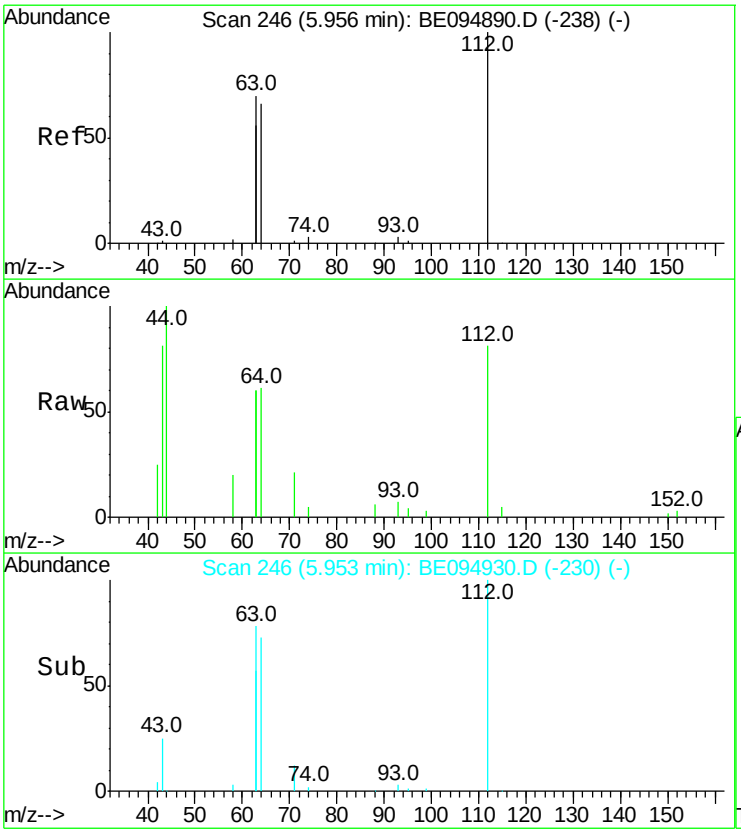
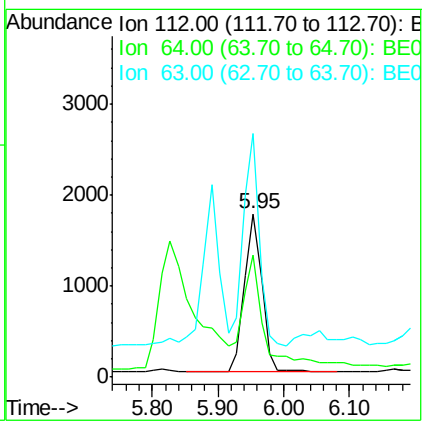
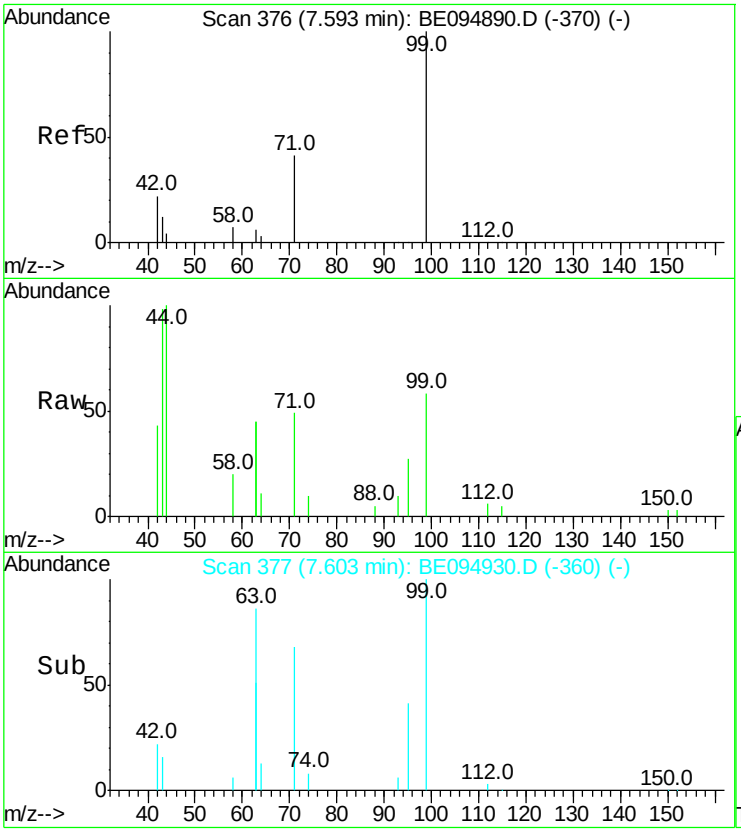


#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:112 Resp: 3288

Ion	Ratio	Lower	Upper
112	100		
64	78.5	60.1	90.1
63	118.6	116.8	175.2

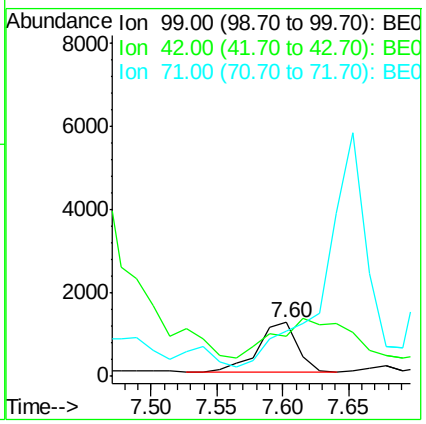




#5
Phenol-d6
Concen: 0.107 ng
RT: 7.60 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion: 99 Resp: 2509

Ion	Ratio	Lower	Upper
99	100		
42	149.2	20.2	30.2#
71	0.0	28.4	42.6#



Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

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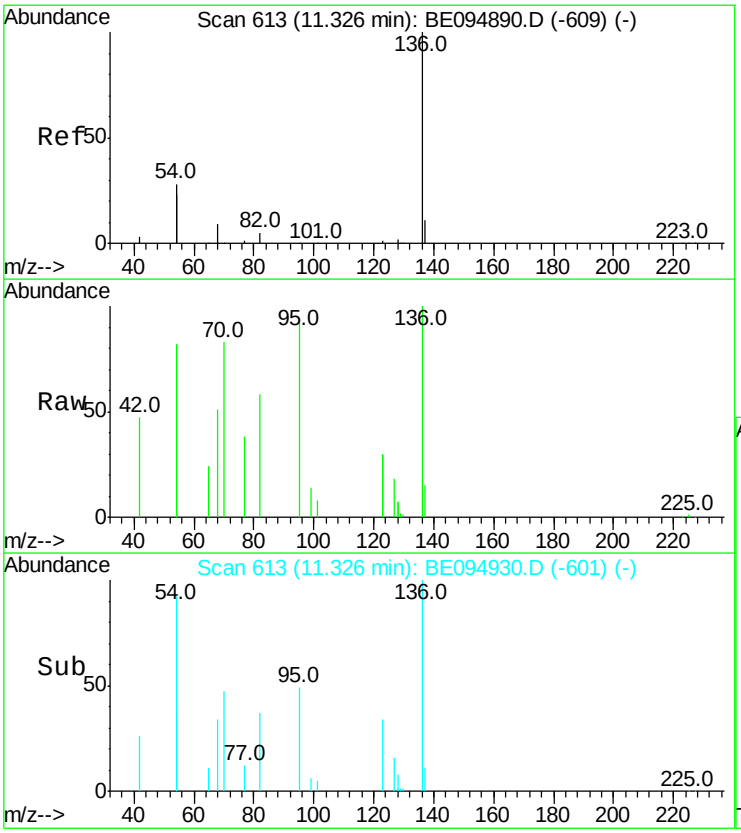
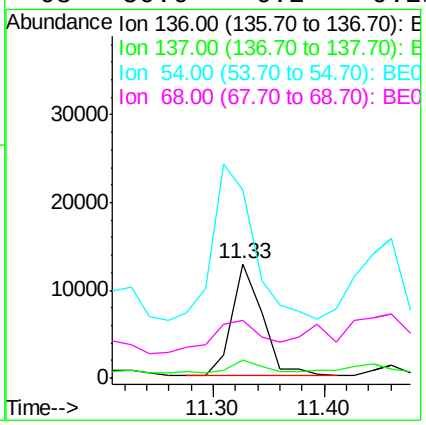
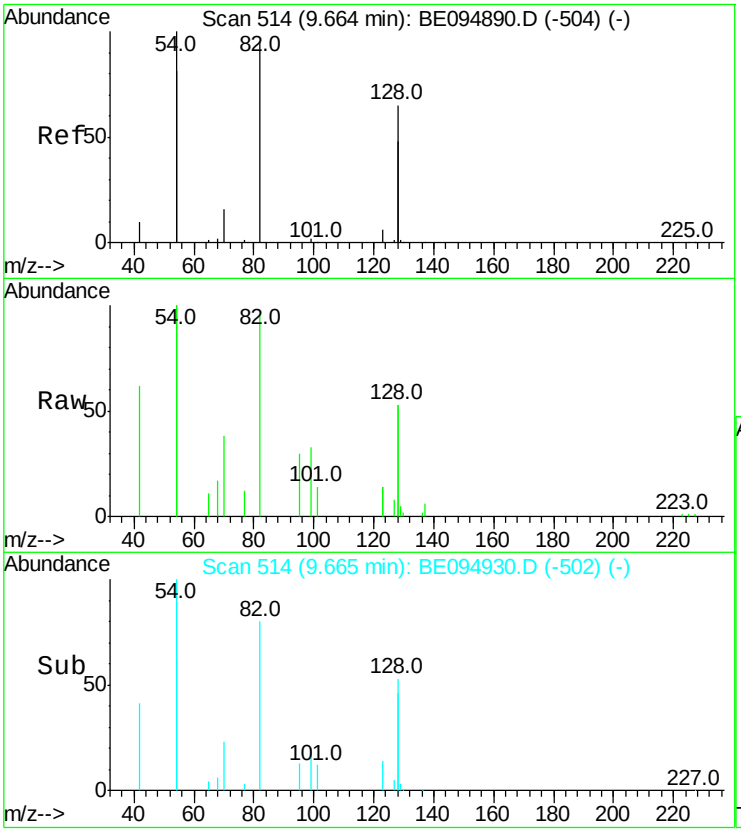


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:136 Resp: 24276

Ion	Ratio	Lower	Upper
136	100		
137	15.2	9.5	14.3#
54	164.5	29.1	43.7#
68	50.6	6.2	9.2#





#8
Nitrobenzene-d5
Concen: 0.550 ng
RT: 9.66 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion: 82 Resp: 7899

Ion	Ratio	Lower	Upper
82	100		
128	112.4	150.0	225.0#
54	210.3	154.2	231.4

Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

Manual Integrations APPROVED
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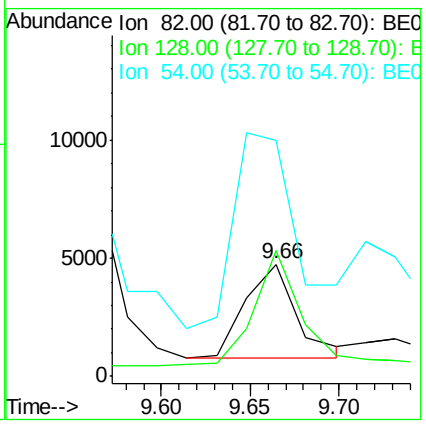
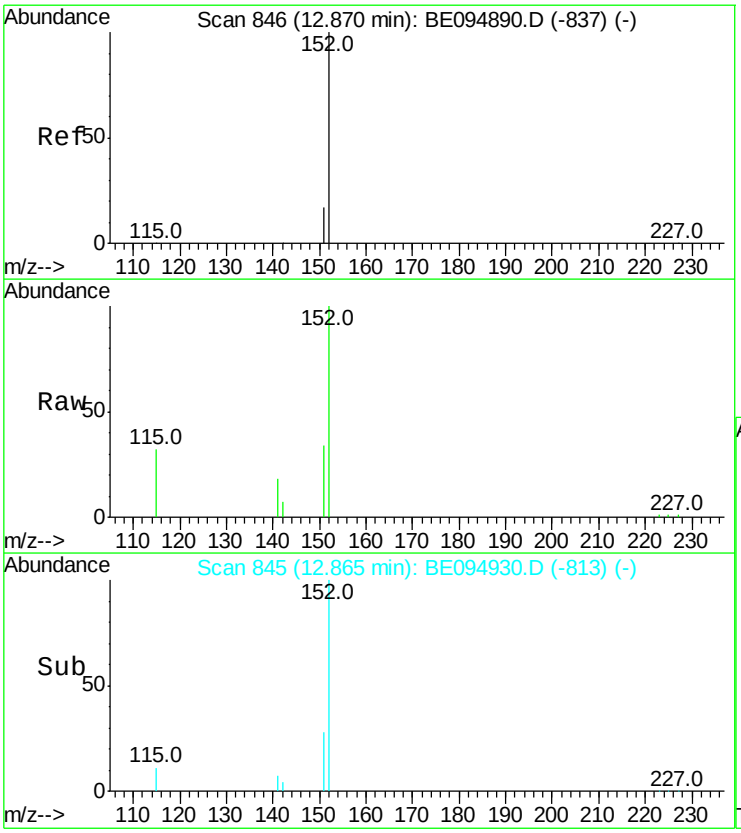
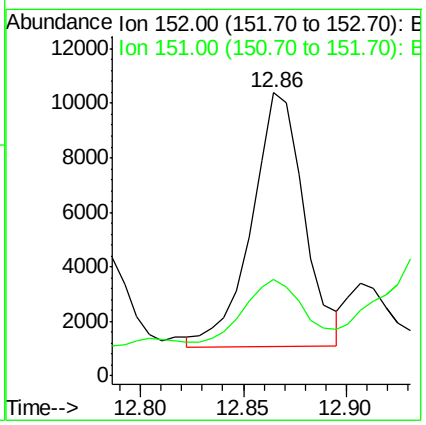


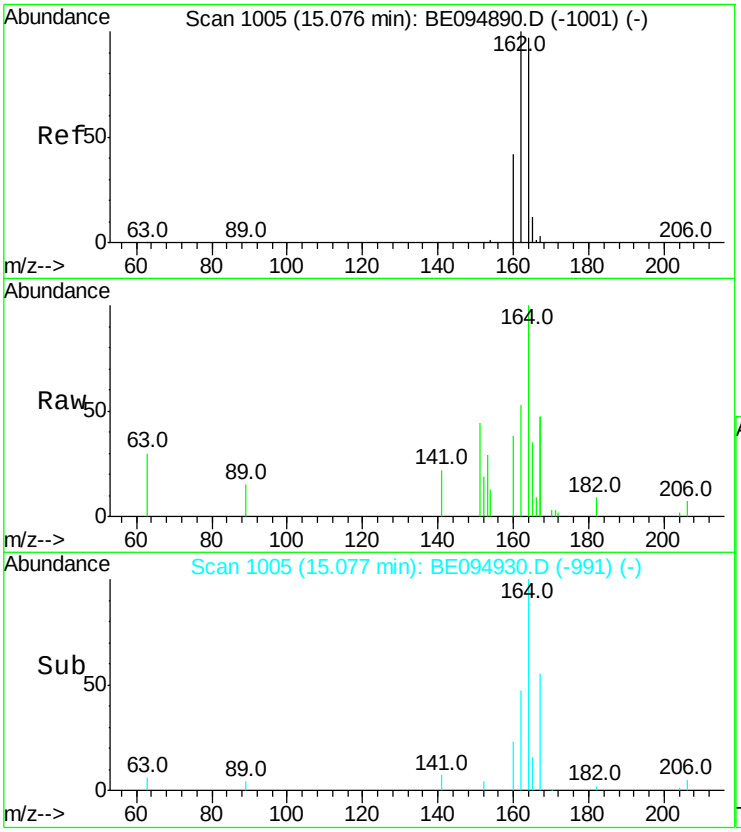


#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:152 Resp: 16538

Ion	Ratio	Lower	Upper
152	100		
151	27.6	15.4	23.0#

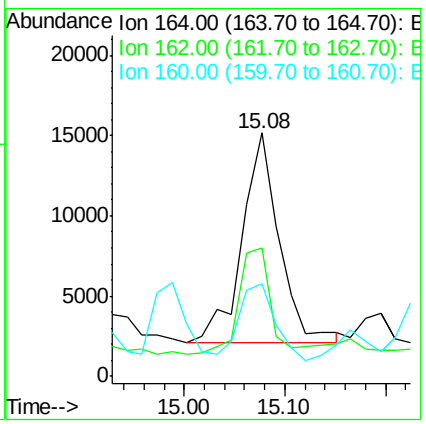




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:164 Resp: 33839

Ion	Ratio	Lower	Upper
164	100		
162	52.5	83.1	124.7#
160	38.0	37.1	55.7



Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

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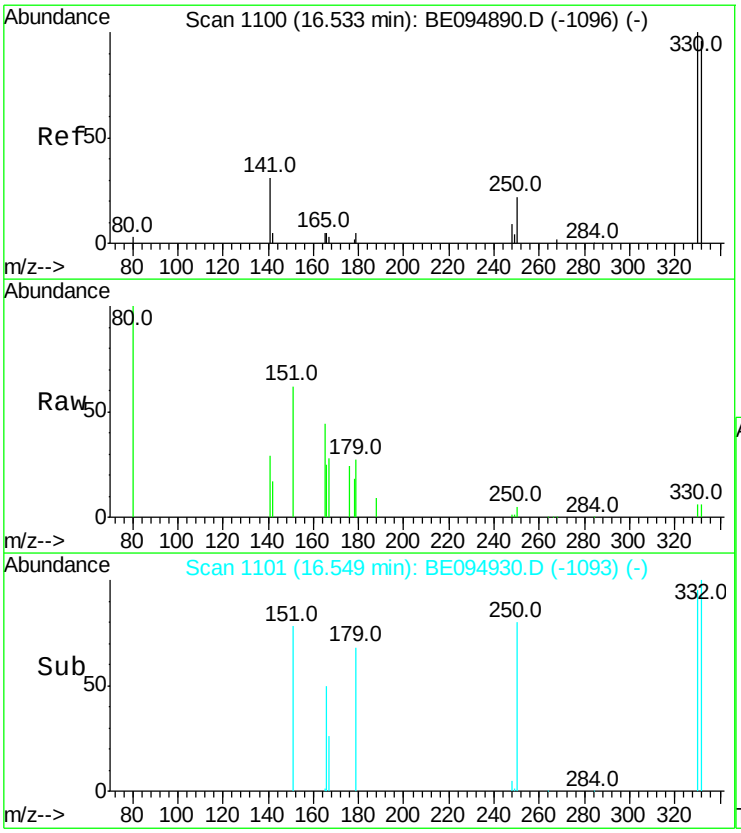
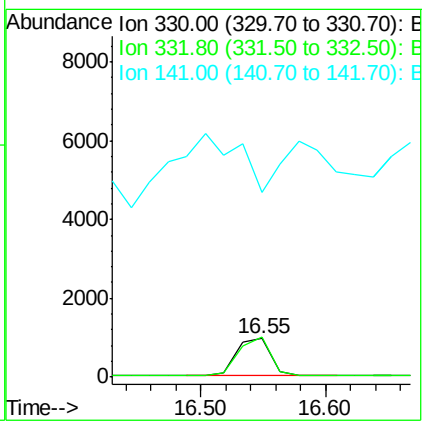
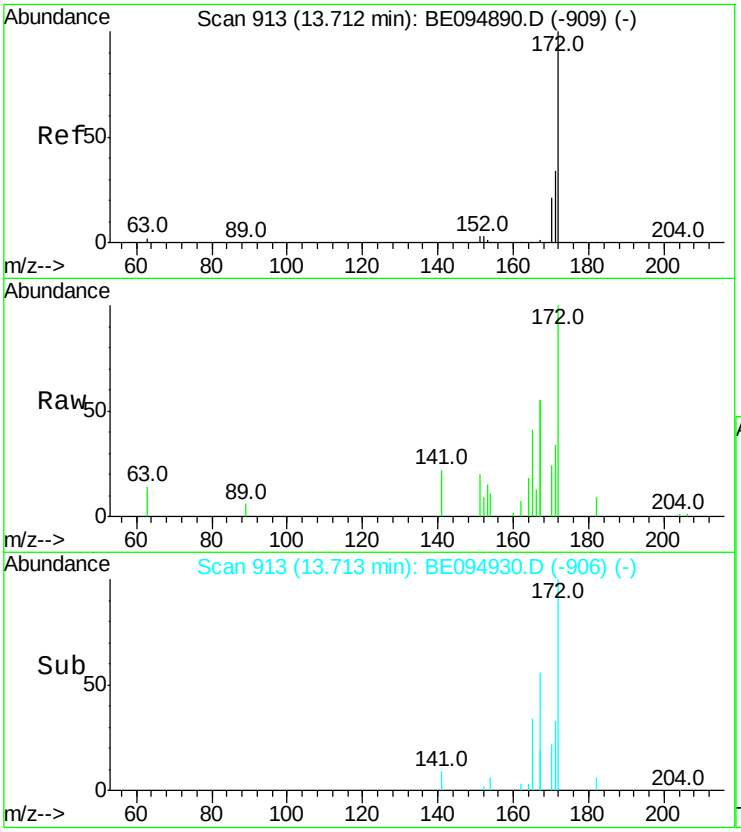


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 16.55 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:330 Resp: 1725

Ion	Ratio	Lower	Upper
330	100		
332	98.0	152.7	229.1#
141	0.0	33.7	50.5#

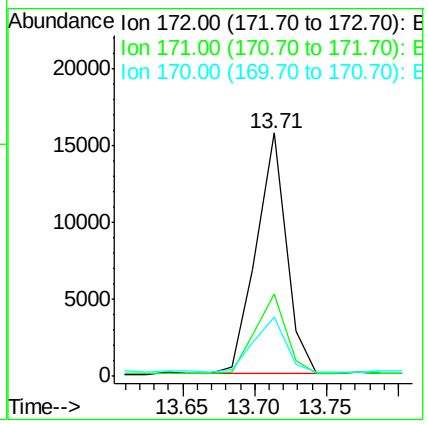




#15
2-Fluorobiphenyl
Concen: 0.157 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:172 Resp: 22779

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	24.1	21.8	32.8



Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

Manual Integrations APPROVED
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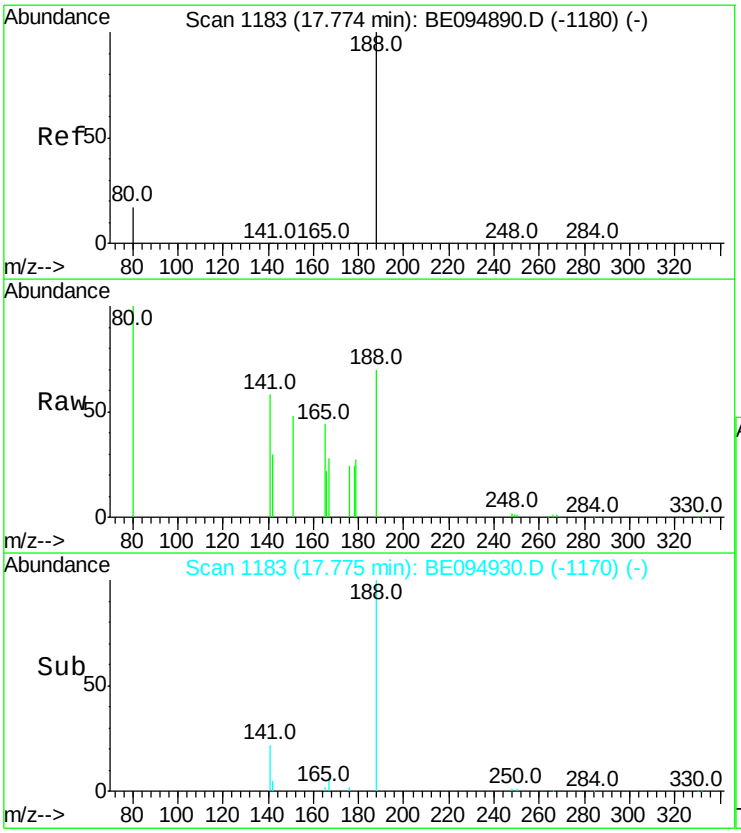
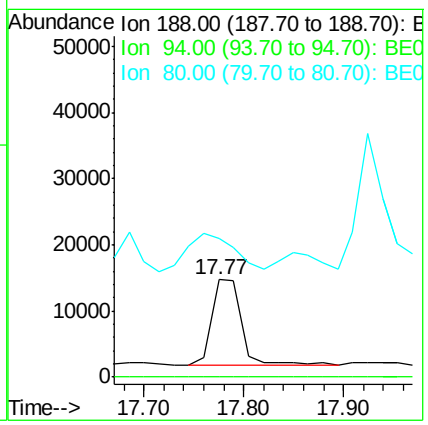
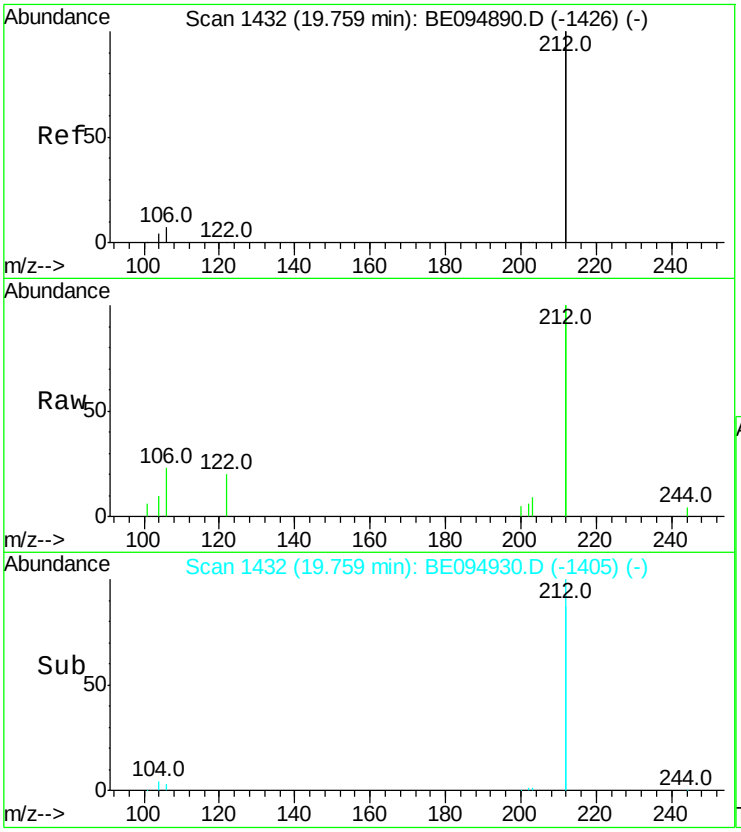


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:188 Resp: 26739

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	142.0	3.6	5.4#

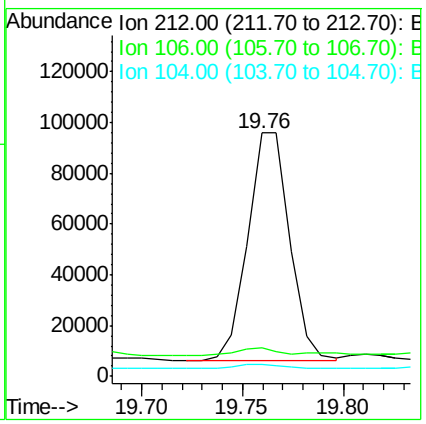




#25
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:212 Resp: 128645

Ion	Ratio	Lower	Upper
212	100		
106	4.0	2.8	4.2
104	2.5	1.6	2.4#



Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

Manual Integrations APPROVED
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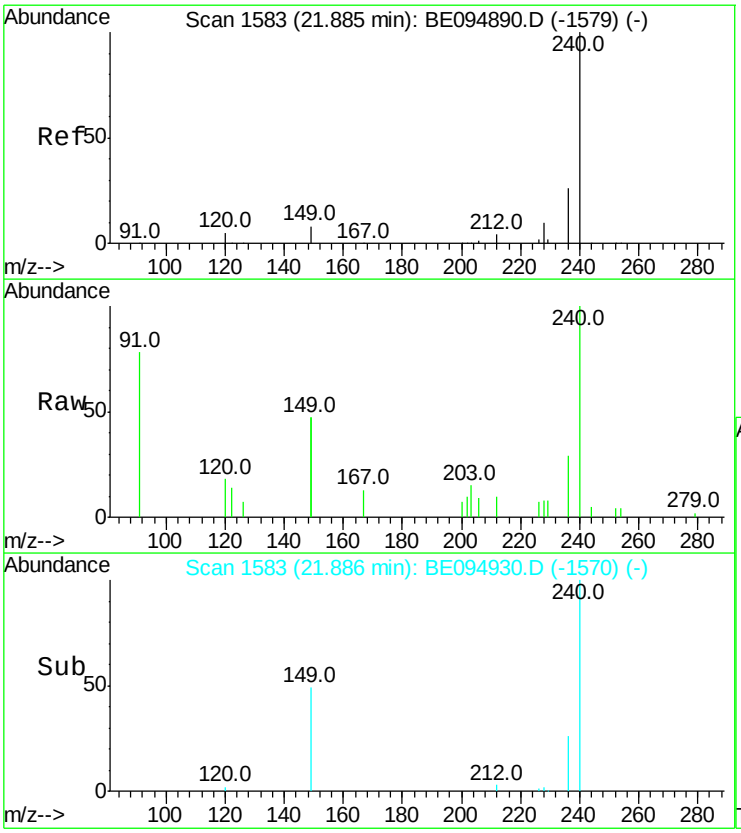
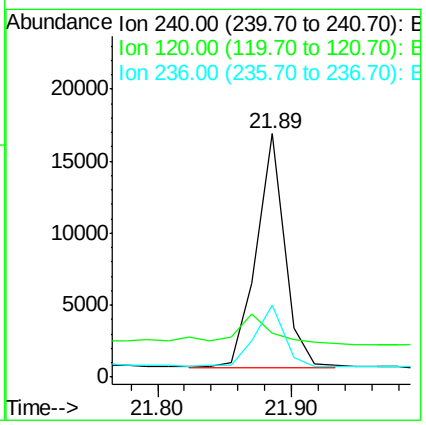
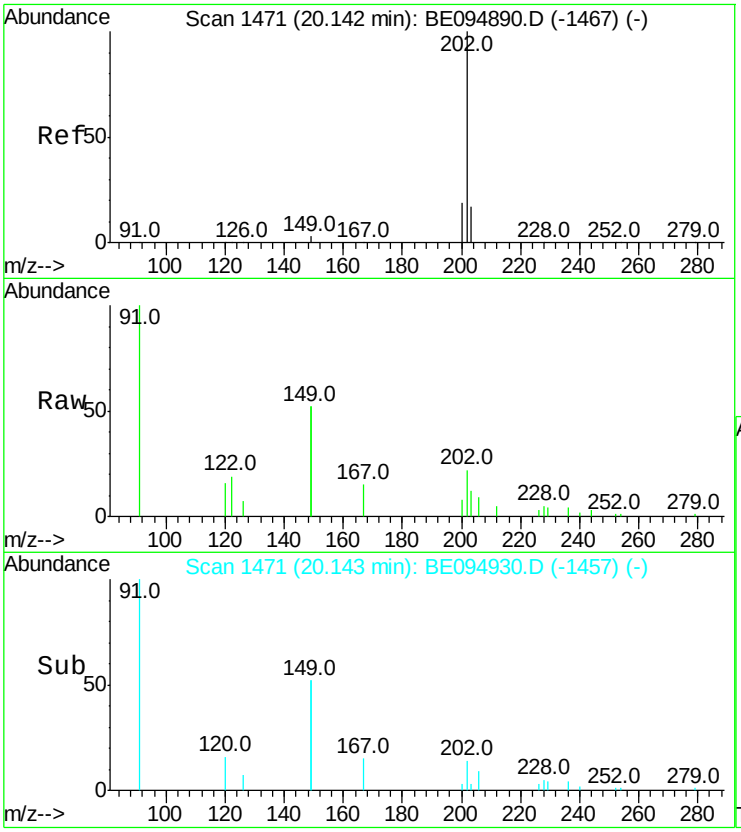


#27
Chrysene-d12
Concen: 0.400 ng m
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:240 Resp: 24039

Ion	Ratio	Lower	Upper
240	100		
120	18.2	5.5	8.3#
236	29.5	20.7	31.1

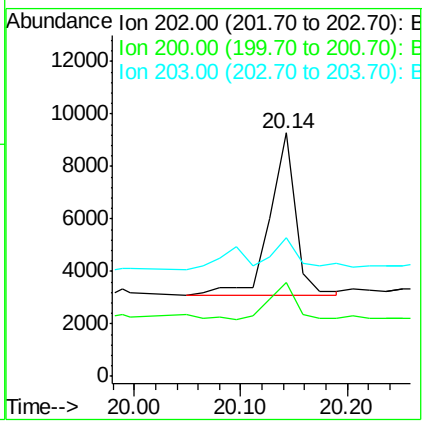




#28
Pyrene
Concen: 0.128 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:202 Resp: 10664

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.6	25.0
203	15.9	13.8	20.8



Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

Manual Integrations APPROVED
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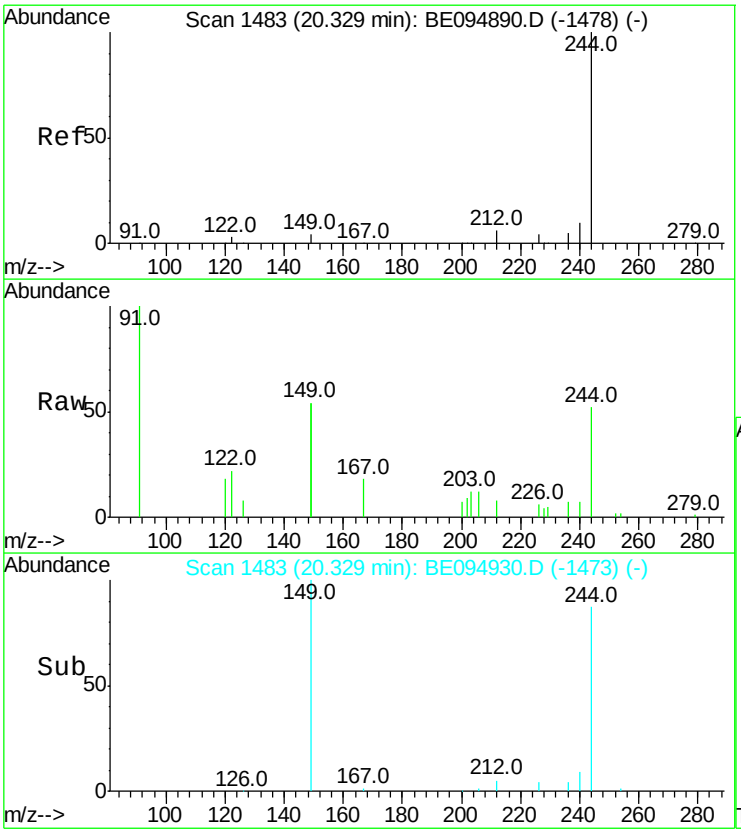
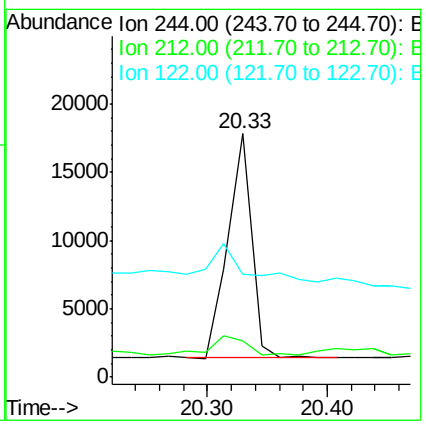
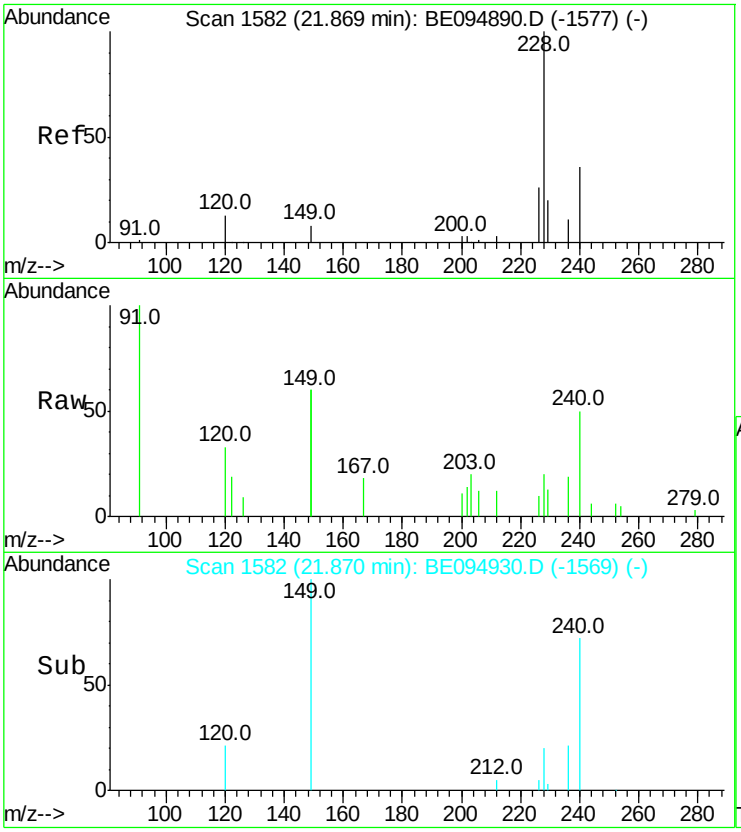


#29
Terphenyl-d14
Concen: 0.498 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:244 Resp: 22114

Ion	Ratio	Lower	Upper
244	100		
212	14.8	25.4	38.0#
122	42.4	8.1	12.1#





#30
Benzo(a)anthracene
Concen: 0.043 ng
RT: 21.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:228 Resp: 3178

Ion	Ratio	Lower	Upper
228	100		
226	53.2	40.0	60.0
229	64.2	40.0	60.0#

Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

Manual Integrations APPROVED
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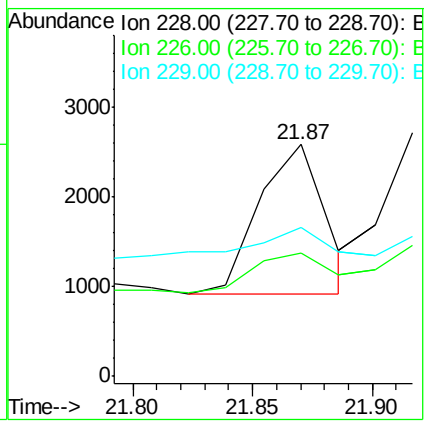
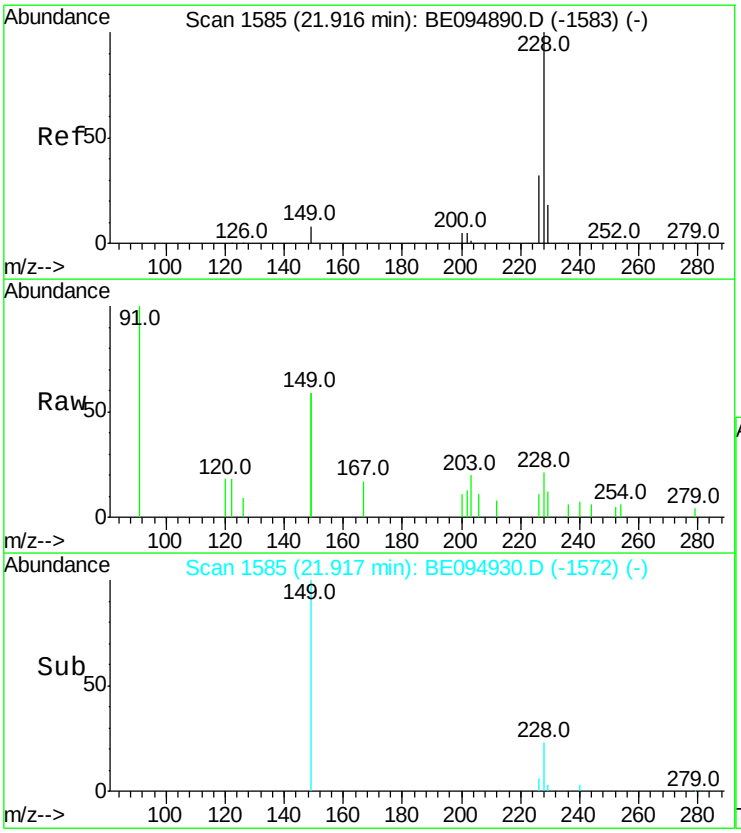
12/6/2017 5:10:30 PM

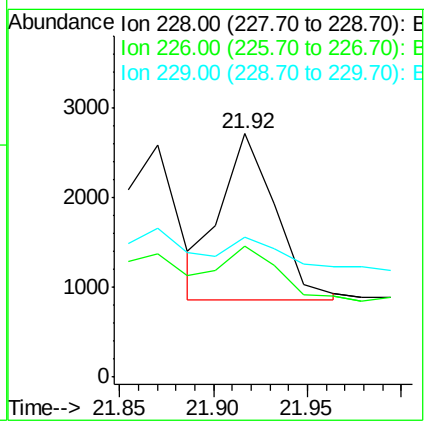


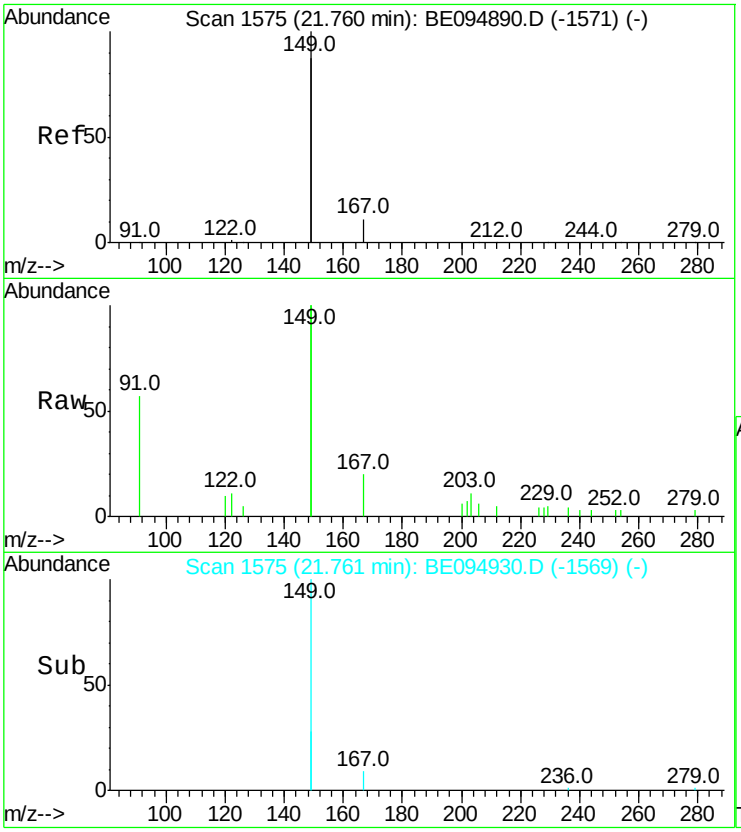


#31
Chrysene
Concen: 0.045 ng m
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:228 Resp: 3705

Ion	Ratio	Lower	Upper
228	100		
226	53.8	40.0	60.0
229	57.5	40.0	60.0





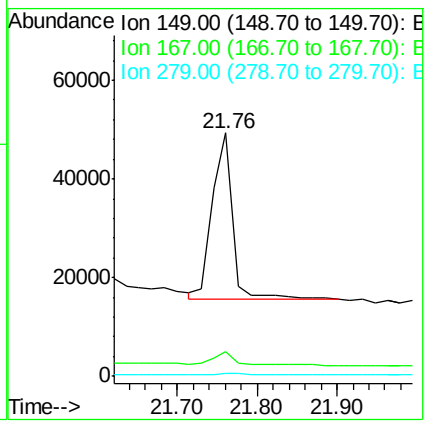
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.499 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

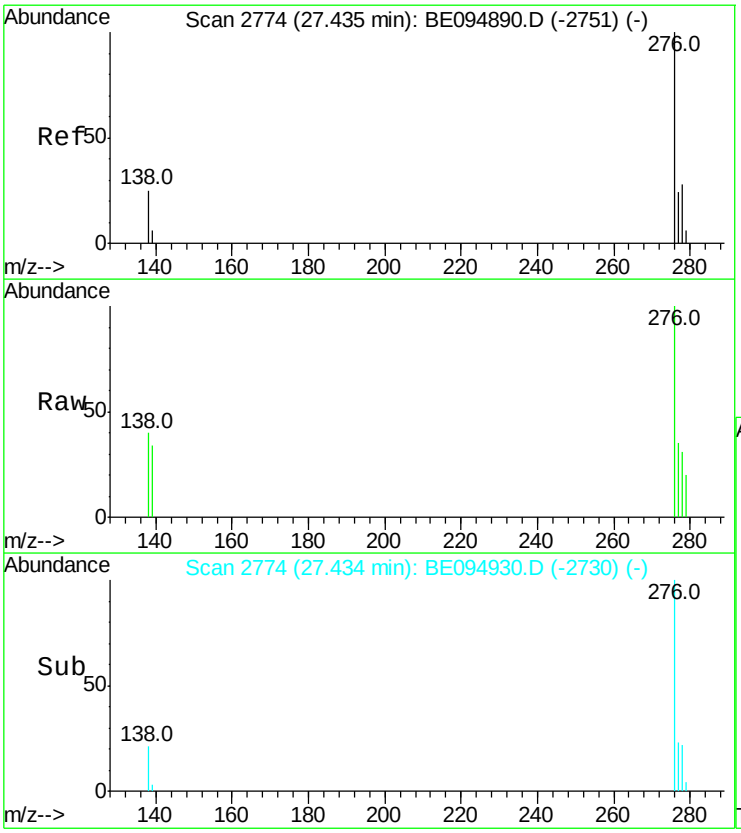
Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

Manual Integrations APPROVED
Sohil
12/6/2017 5:10:30 PM

Tgt Ion:149 Resp: 60987

Ion	Ratio	Lower	Upper
149	100		
167	9.6	5.4	8.0#
279	0.7	0.7	1.1#

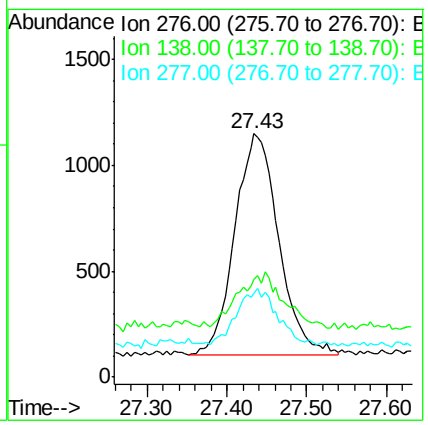


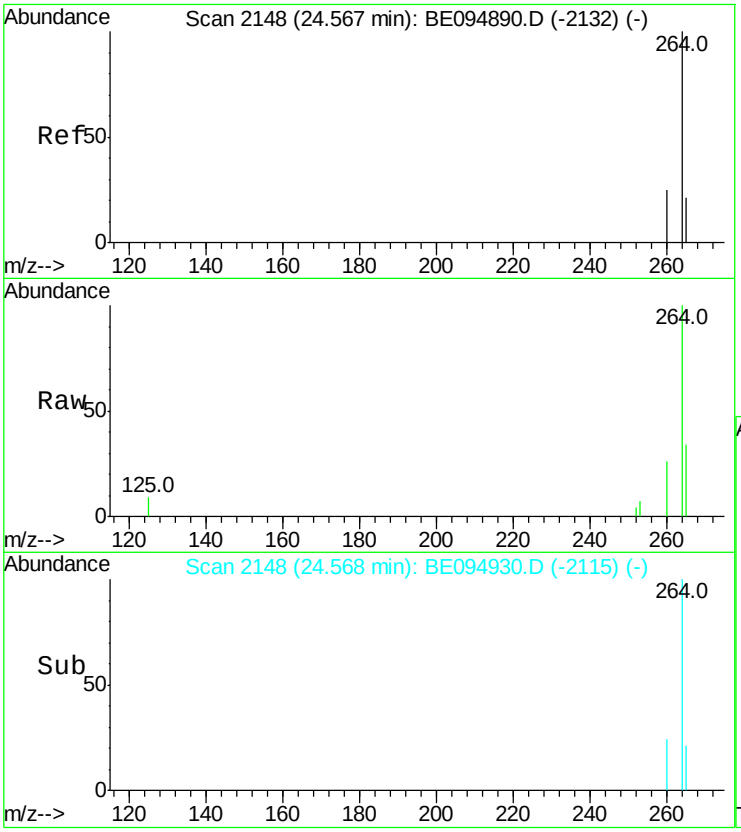


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng
RT: 27.43 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:276 Resp: 3981

Ion	Ratio	Lower	Upper
276	100		
138	13.4	22.5	33.7#
277	24.7	19.9	29.9





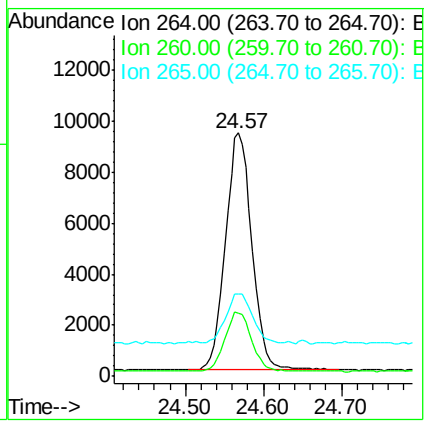
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.57 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

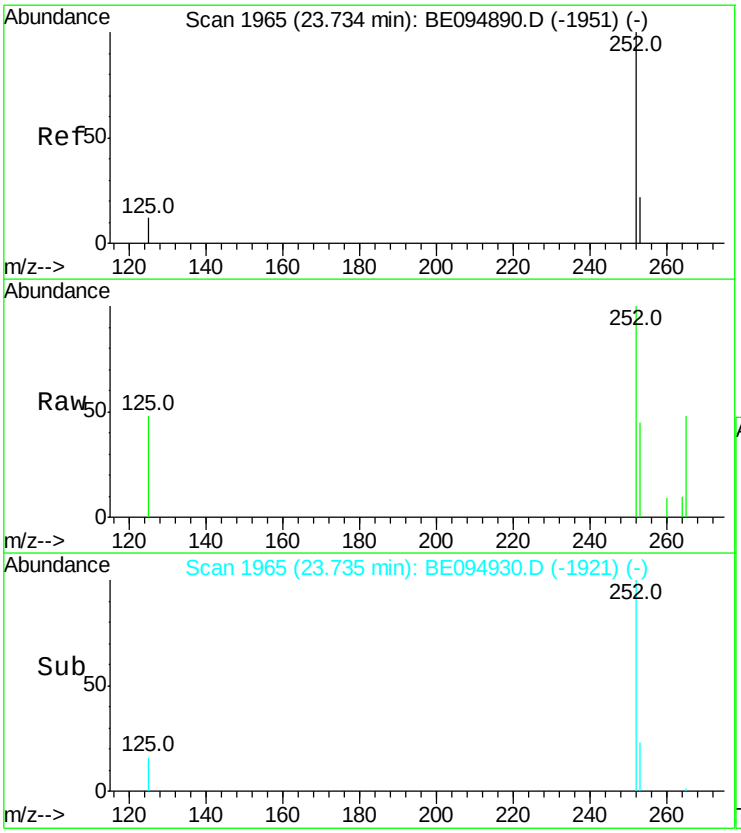
Tgt Ion:264 Resp: 21936

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	34.1	22.8	34.2

Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

Manual Integrations APPROVED
Sohil
12/6/2017 5:10:30 PM

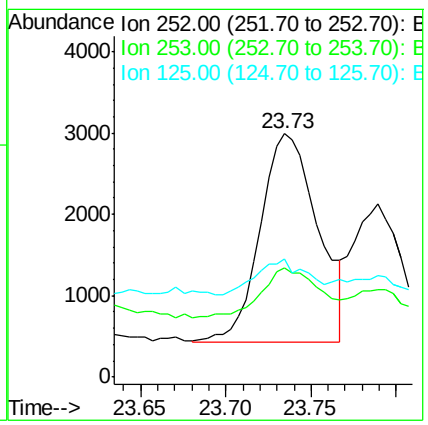


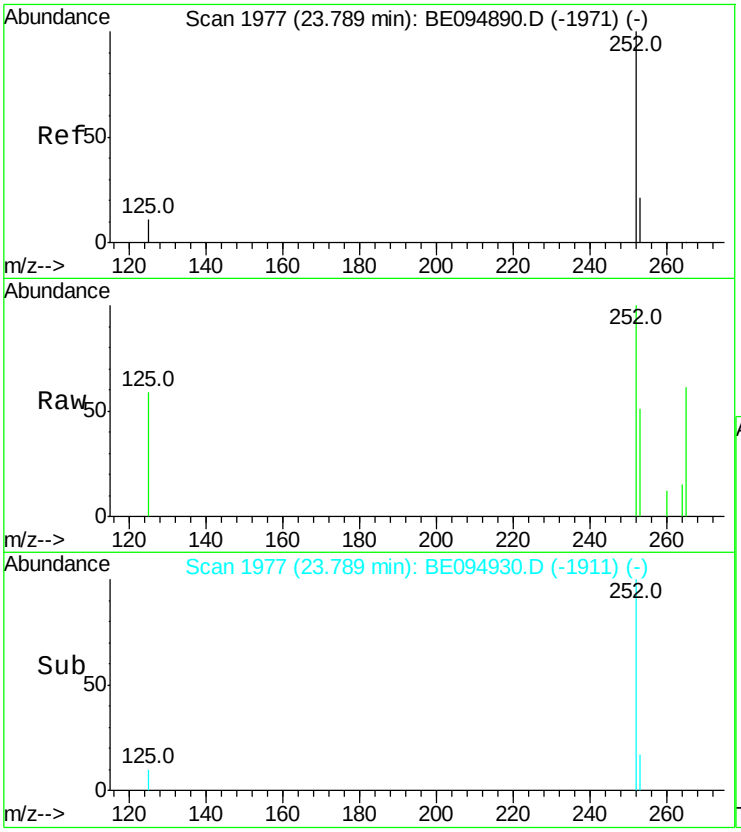


#35
Benzo(b)fluoranthene
Concen: 0.075 ng m
RT: 23.73 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:252 Resp: 6024

Ion	Ratio	Lower	Upper
252	100		
253	45.0	48.0	72.0#
125	48.4	56.0	84.0#

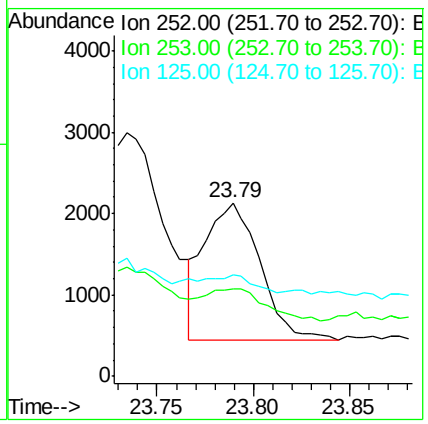




#36
Benzo(k)fluoranthene
Concen: 0.042 ng
RT: 23.79 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

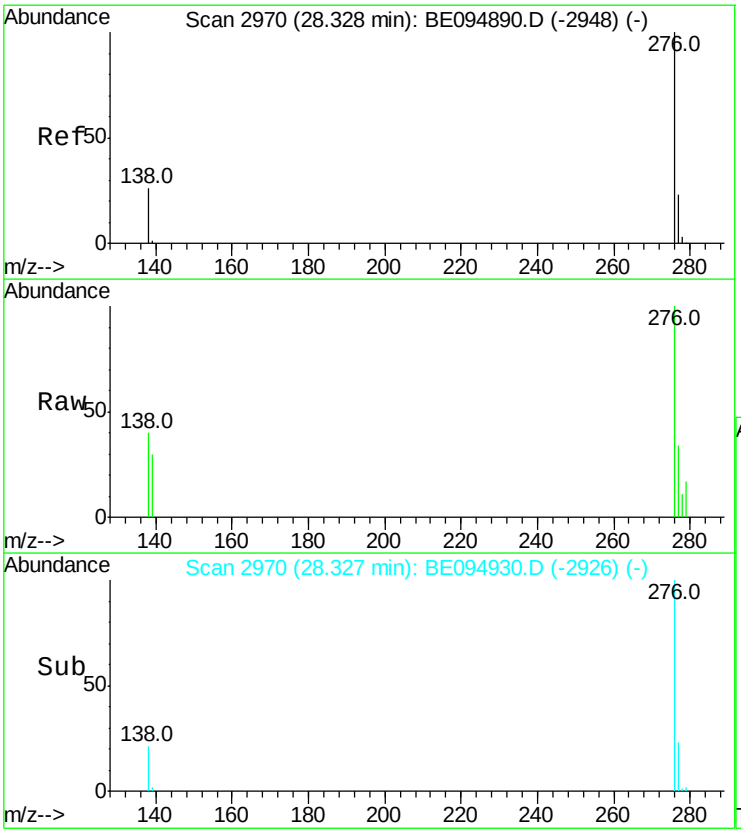
Tgt Ion:252 Resp: 3392

Ion	Ratio	Lower	Upper
252	100		
253	50.6	48.0	72.0
125	58.7	56.0	84.0



Instrument :
BNA_E
ClientSampleId :
FT-MW02S-20171130

Manual Integrations APPROVED
Sohil
12/6/2017 5:10:30 PM



#39
Benzo(g,h,i)perylene
Concen: 0.059 ng
RT: 28.33 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BE094930.D
Acq: 6 Dec 2017 00:23

Tgt Ion:276 Resp: 3792

Ion	Ratio	Lower	Upper
276	100		
277	33.7	52.0	78.0#
138	39.5	44.0	66.0#