Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004495.D
Acq On : 01 Mar 2016 07:29
Operator : SJ/UM
Sample : H1509-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
UMANGI
3/1/2016 3:04:39 PM

Quant Time: Mar 01 11:22:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 00:52:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	19178	5.00	ng		-0.02
7) Naphthalene-d8	10.39	136	78404	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	44274m	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	83418	5.00	ng		0.00
26) Chrysene-d12	21.23	240	73458	5.00	ng		0.00
35) Perylene-d12	23.46	264	68951	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	11680	2.62	ng		0.00
5) Phenol-d6	6.81	99	10554	2.10	ng		0.00
8) Nitrobenzene-d5	8.77	82	19135	4.80	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	14963	8.80	ng		-0.03
15) 2-Fluorobiphenyl	12.88	172	64466	4.76	ng		0.00
29) Terphenyl-d14	19.67	244	55030	5.82	ng		0.00
Target Compounds							Qvalue
10) Naphthalene	10.44	128	9596	0.41	ng	#	1
18) Fluorene	15.33	166	47323m	2.34	ng		
22) Pentachlorophenol	16.71	266	903	1.01	ng		96
23) Phenanthrene	17.06	178	24435	0.90	ng	#	49
28) Pyrene	19.47	202	3776	0.13	ng	#	80
33) Bis(2-ethylhexyl)phthalate	21.13	149	5377	0.26	ng	#	100

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

Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004495.D
Acq On : 01 Mar 2016 07:29
Operator : SJ/UM
Sample : H1509-07
Misc :
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Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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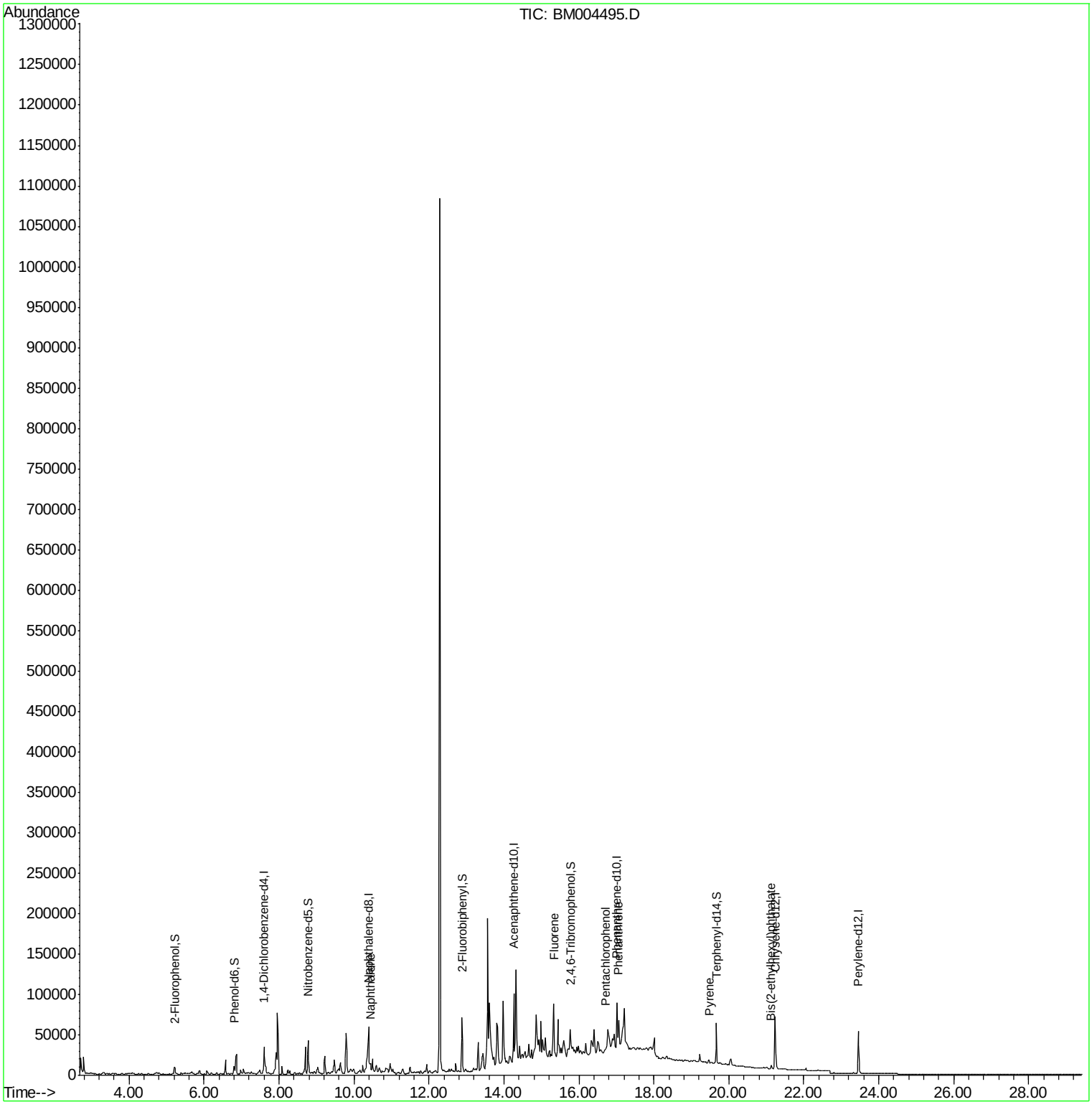
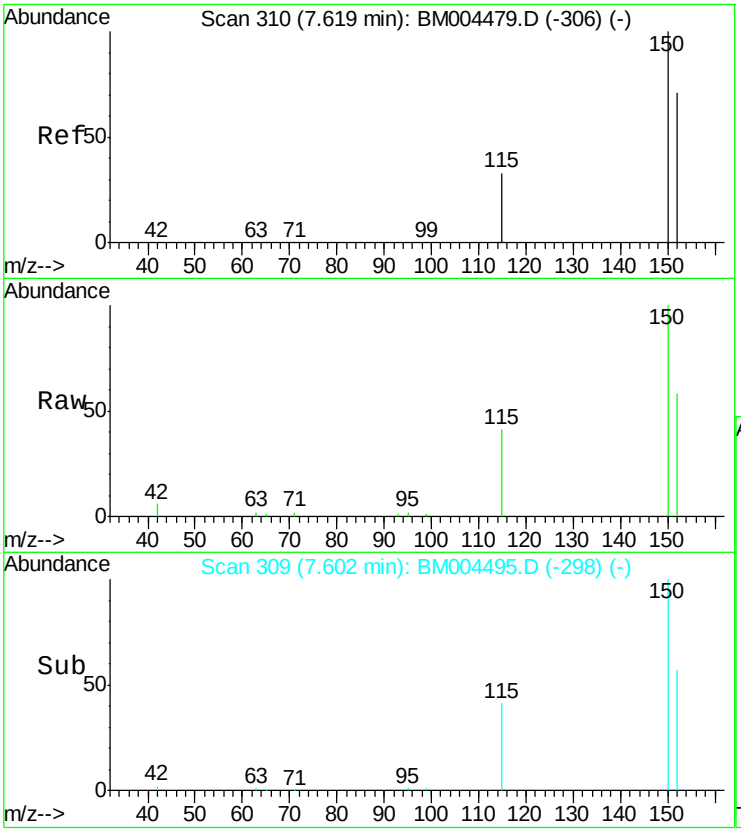
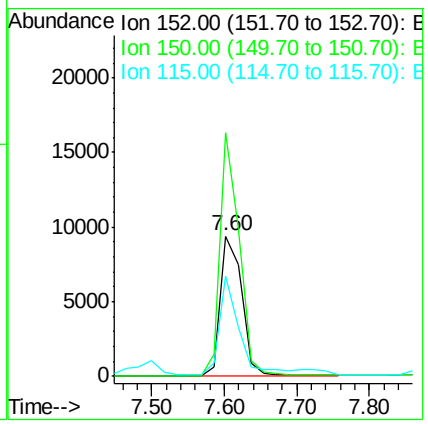




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.02 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:152 Resp: 19178

Ion	Ratio	Lower	Upper
152	100		
150	173.8	111.9	167.9#
115	71.6	37.7	56.5#



Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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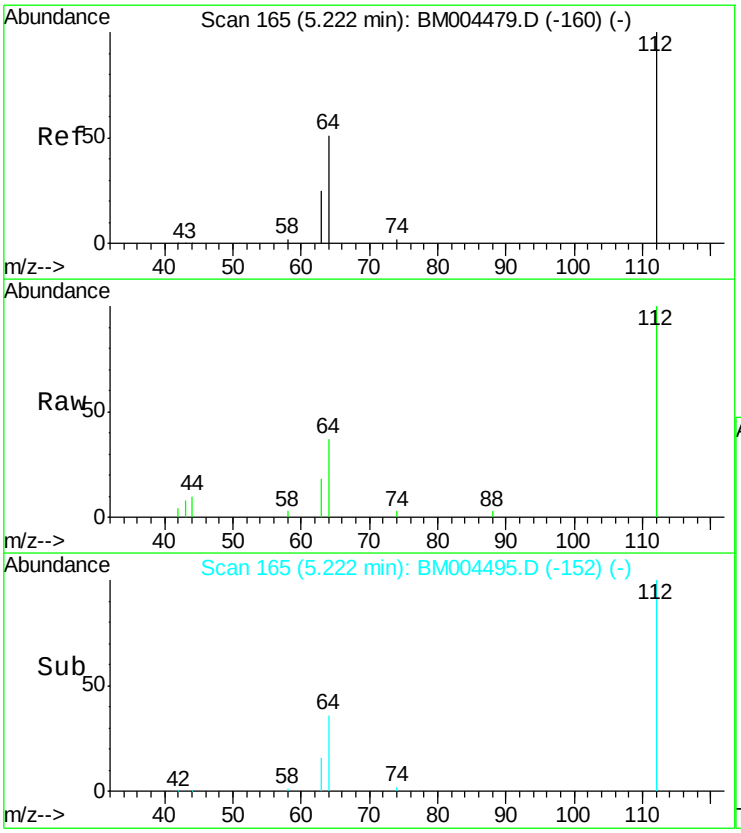
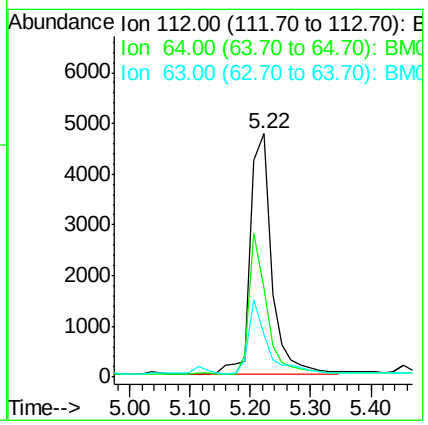
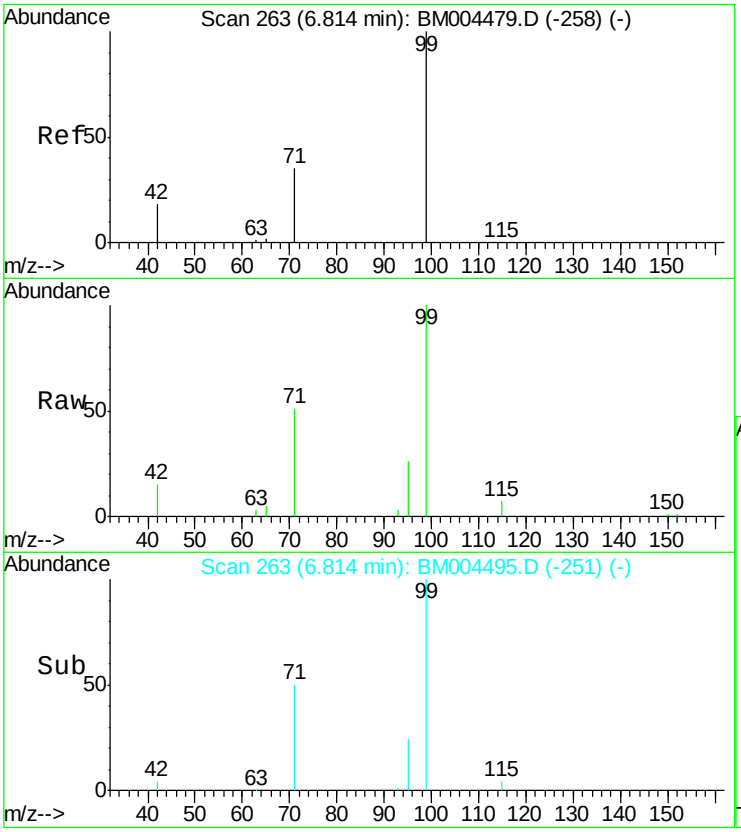


#4
2-Fluorophenol
Concen: 2.62 ng
RT: 5.22 min Scan# 165
Delta R.T. 0.00 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:112 Resp: 11680

Ion	Ratio	Lower	Upper
112	100		
64	47.6	39.6	59.4
63	26.5	20.0	30.0

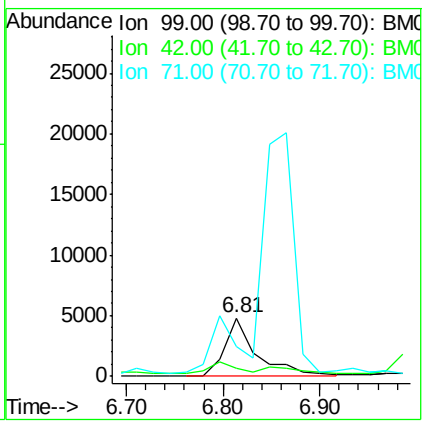




#5
Phenol-d6
Concen: 2.10 ng
RT: 6.81 min Scan# 263
Delta R.T. 0.00 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion: 99 Resp: 10554

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.2	18.2
71	0.0	23.4	35.2#



Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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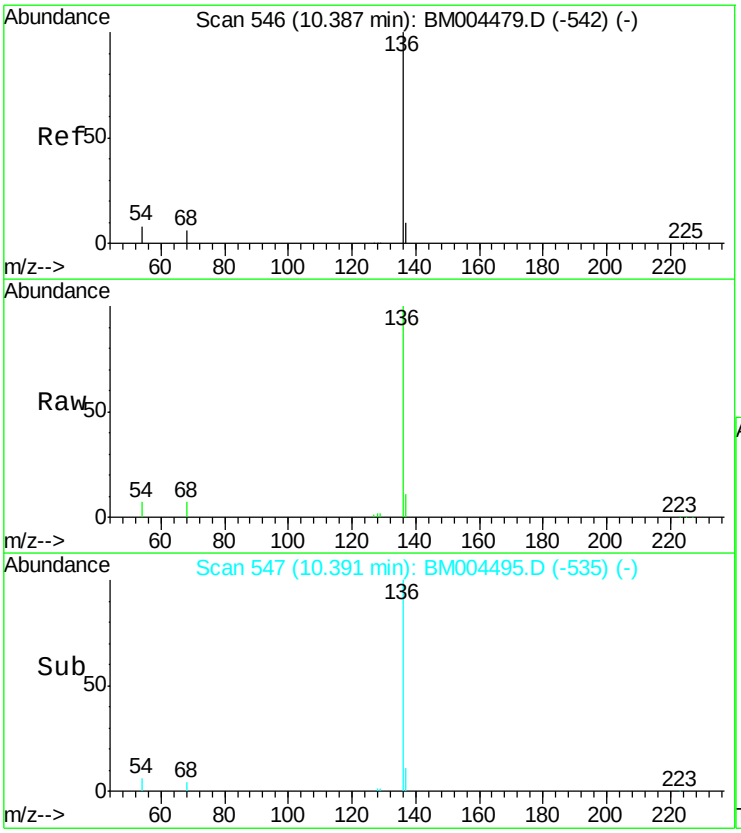
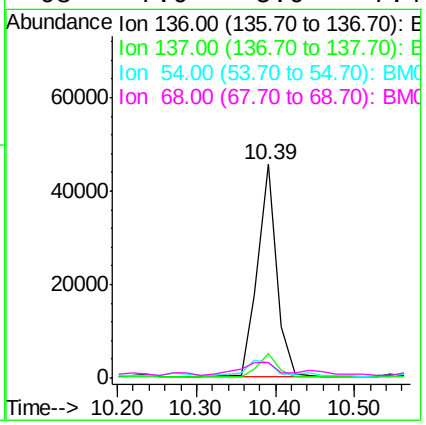
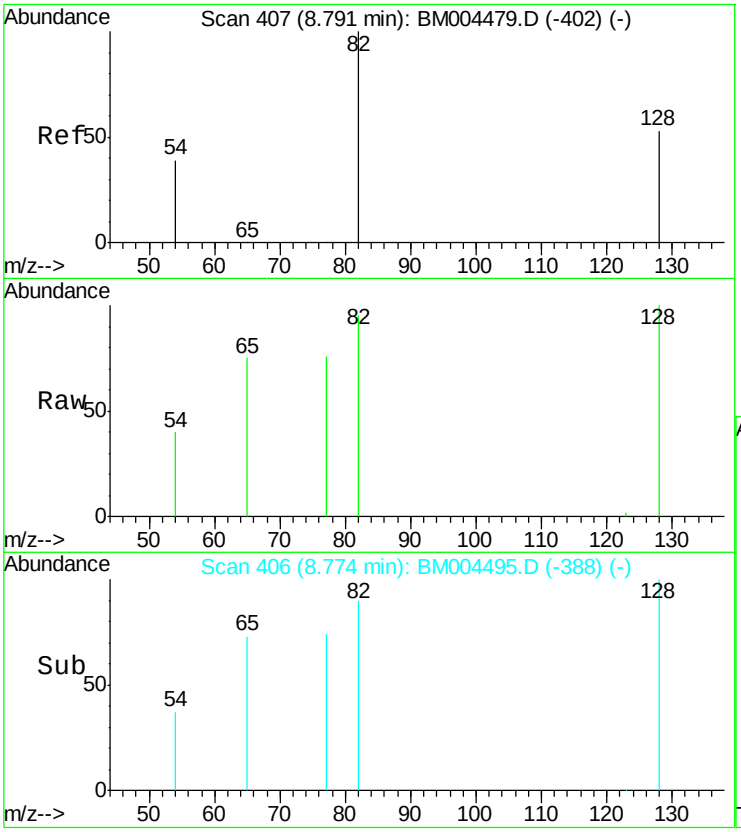


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:136 Resp: 78404

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	7.3	6.4	9.6
68	7.0	5.0	7.4

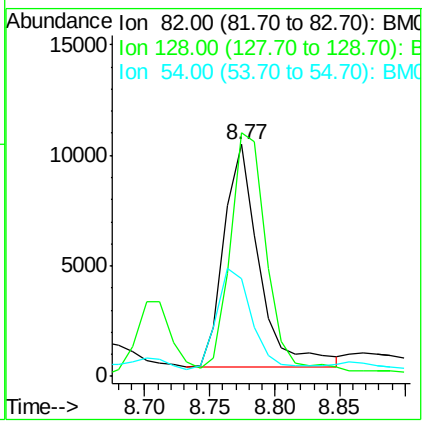




#8
Nitrobenzene-d5
Concen: 4.80 ng
RT: 8.77 min Scan# 406
Delta R.T. -0.02 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion: 82 Resp: 19135

Ion	Ratio	Lower	Upper
82	100		
128	105.1	43.7	65.5#
54	42.2	33.5	50.3



Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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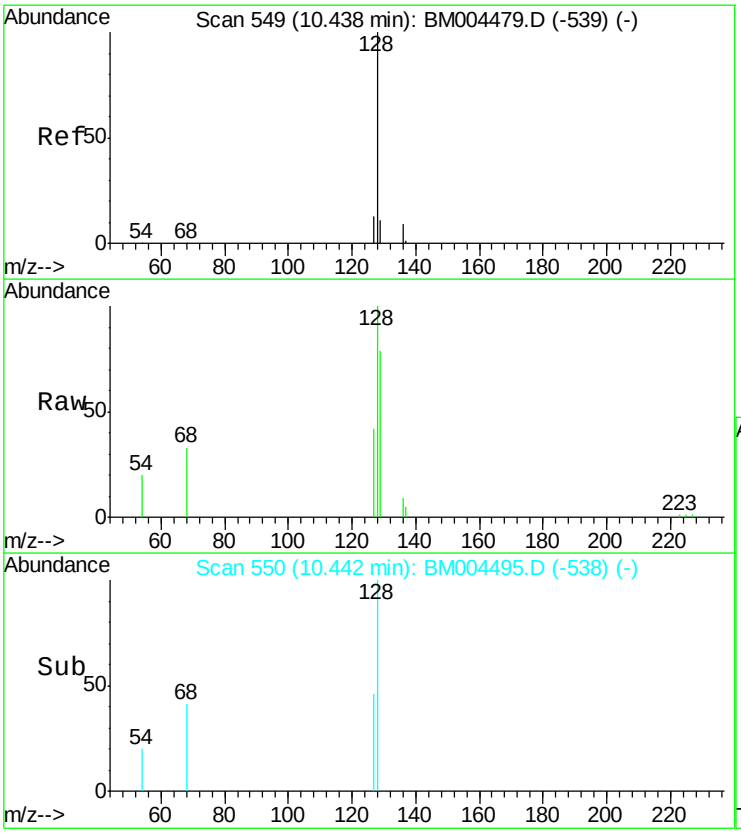
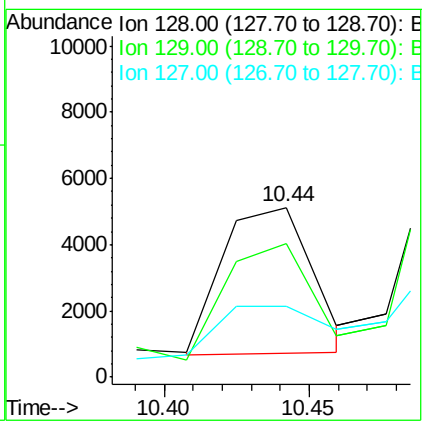
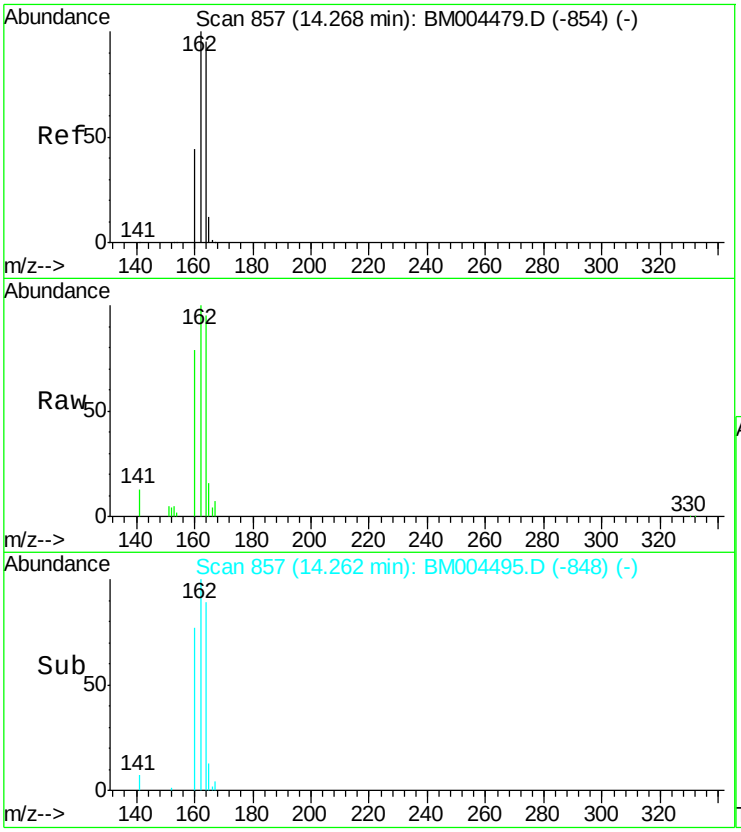


#10
Naphthalene
Concen: 0.41 ng
RT: 10.44 min Scan# 550
Delta R.T. 0.00 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:128 Resp: 9596

Ion	Ratio	Lower	Upper
128	100		
129	78.6	8.9	13.3#
127	41.6	10.9	16.3#

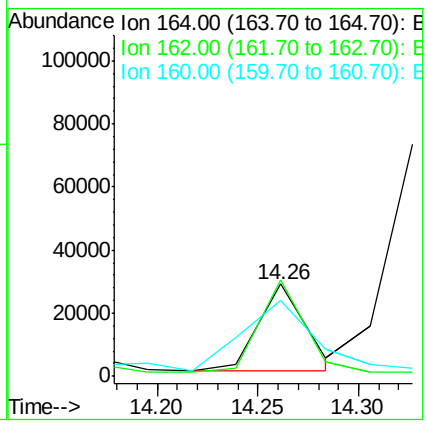




#13
Acenaphthene-d10
Concen: 5.00 ng m
RT: 14.26 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:164 Resp: 44274

Ion	Ratio	Lower	Upper
164	100		
162	105.1	84.2	126.4
160	82.7	37.4	56.2#



Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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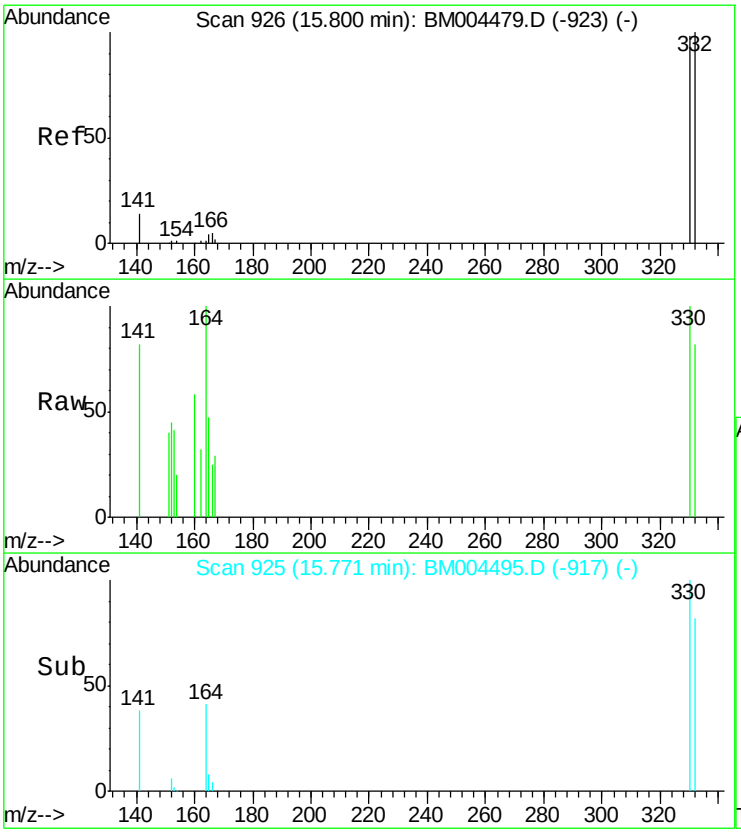
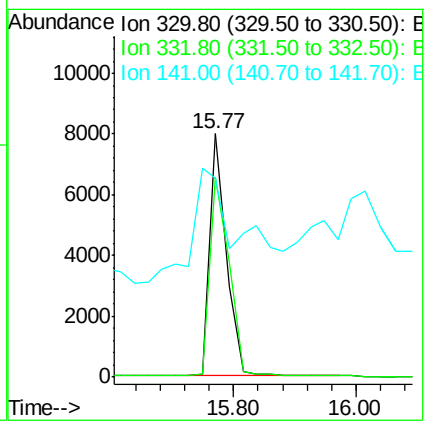
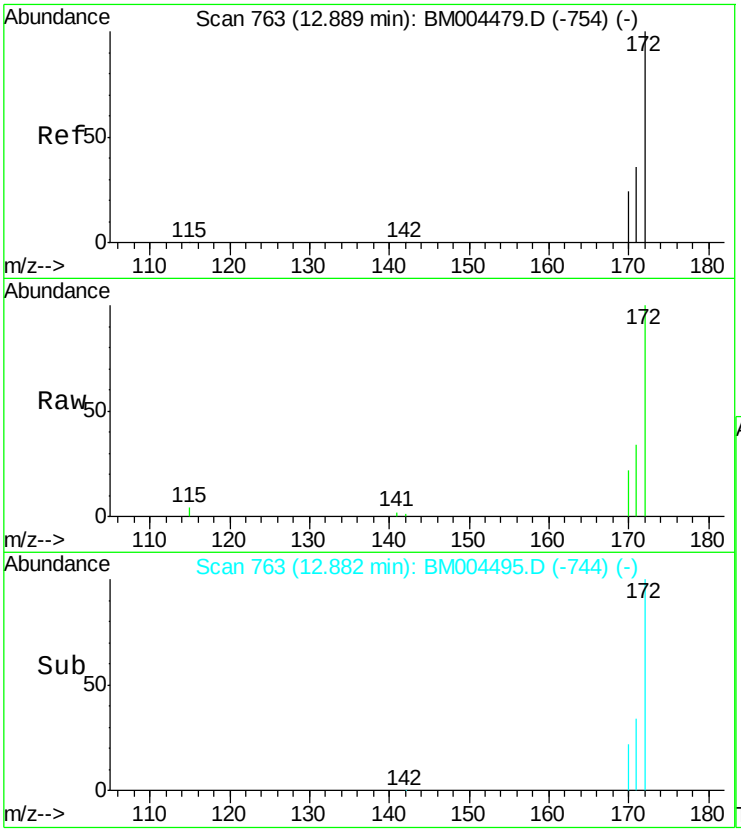


#14
2,4,6-Tribromophenol
Concen: 8.80 ng
RT: 15.77 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:330 Resp: 14963

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.1	114.1
141	0.0	0.0	0.0

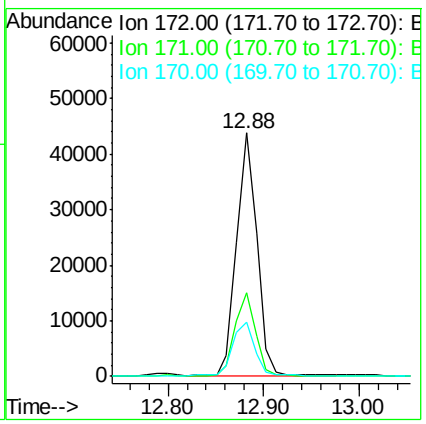




#15
2-Fluorobiphenyl
Concen: 4.76 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:172 Resp: 64466

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.2	43.8
170	22.4	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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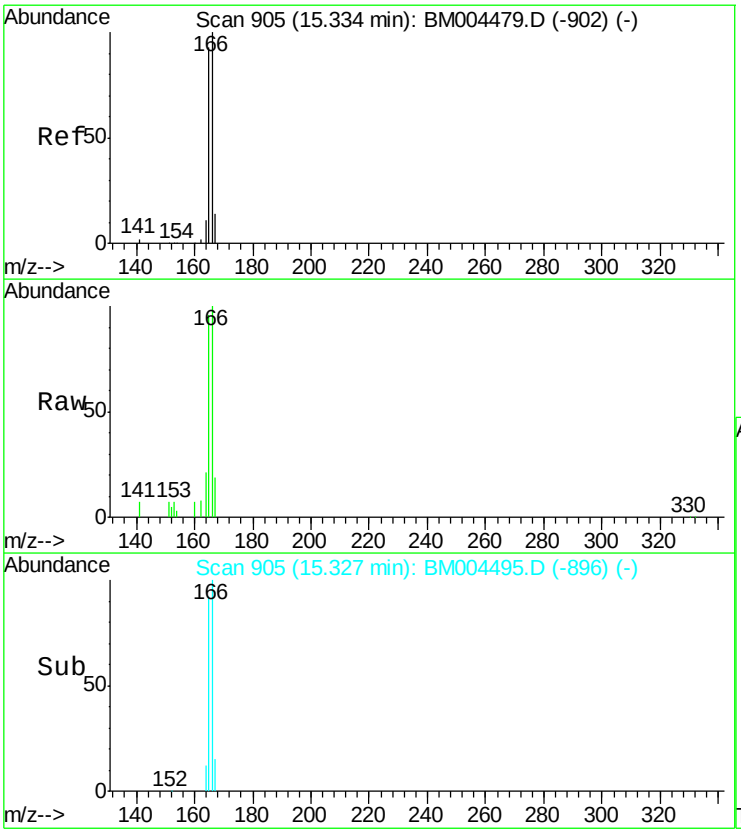
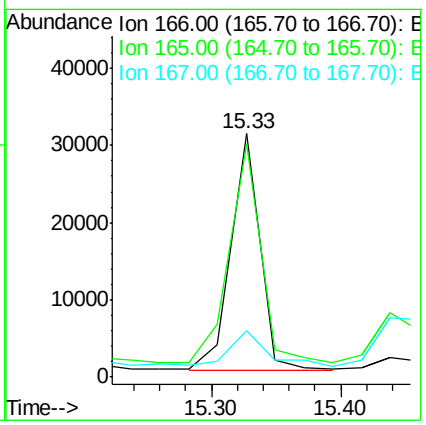
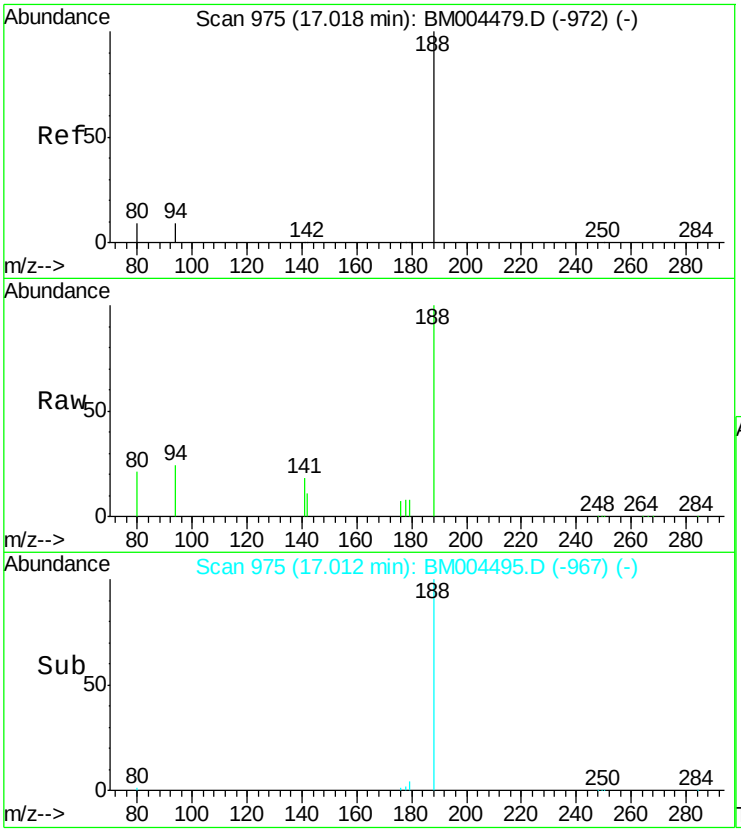


#18
Fluorene
Concen: 2.34 ng m
RT: 15.33 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:166 Resp: 47323

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.2	115.8#
167	42.9	10.9	16.3#

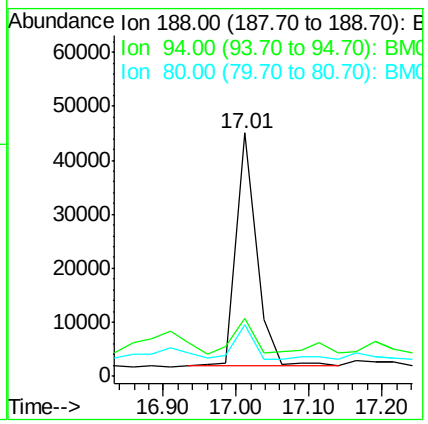




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:188 Resp: 83418

Ion	Ratio	Lower	Upper
188	100		
94	24.1	7.4	11.0#
80	21.4	6.9	10.3#



Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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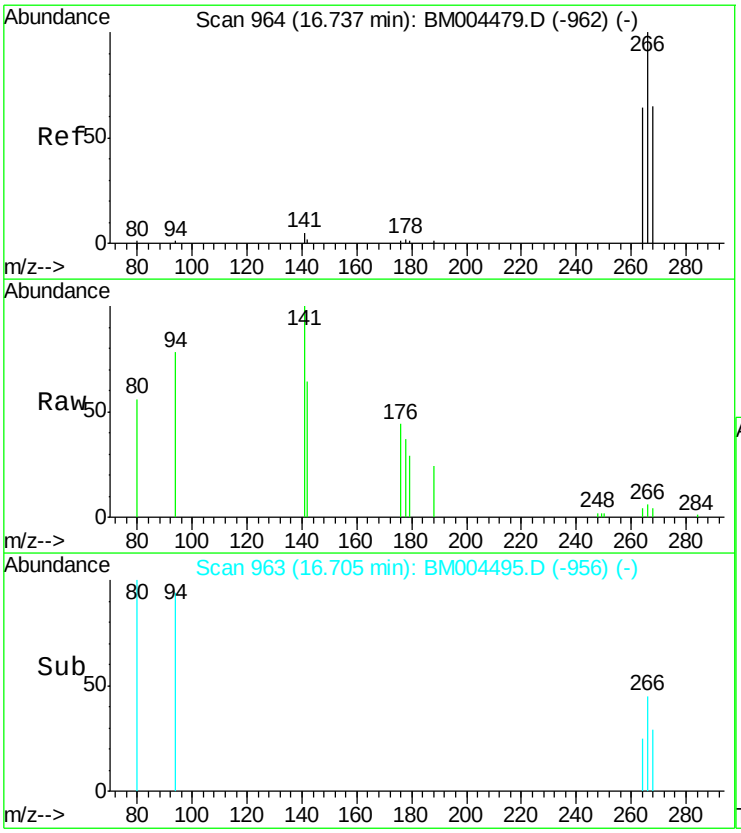
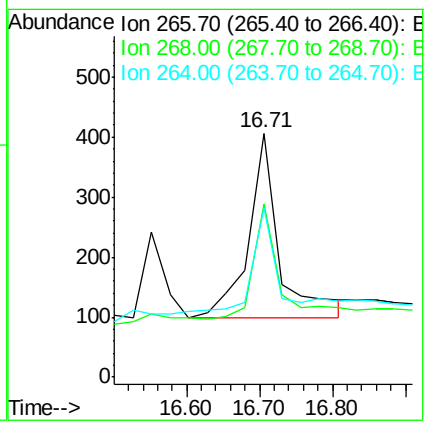
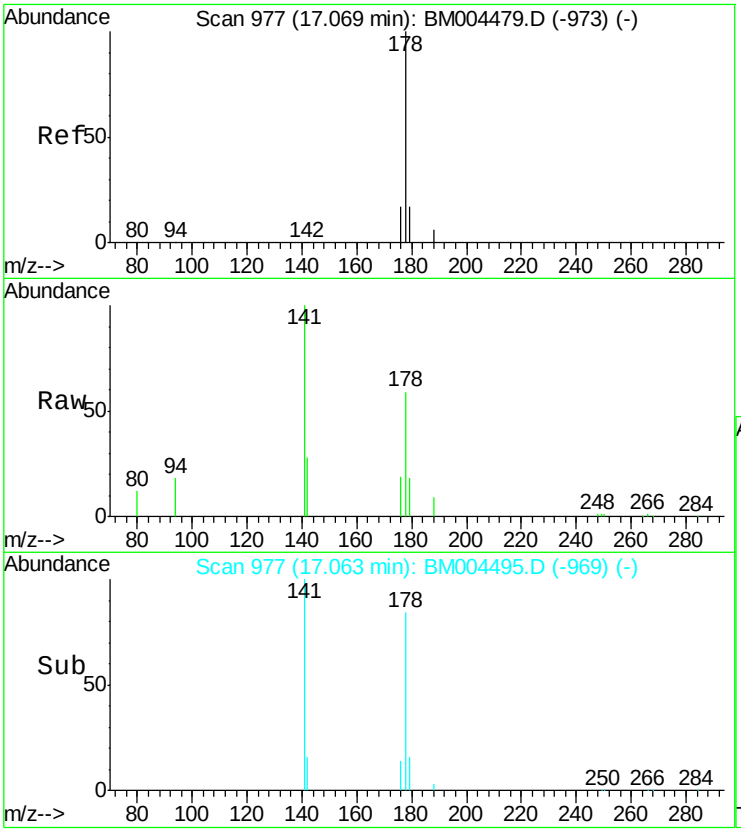


#22
Pentachlorophenol
Concen: 1.01 ng
RT: 16.71 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:266 Resp: 903

Ion	Ratio	Lower	Upper
266	100		
268	71.2	60.7	91.1
264	69.5	57.1	85.7





#23
Phenanthrene
Concen: 0.90 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:178 Resp: 24435

Ion	Ratio	Lower	Upper
178	100		
176	23.9	14.7	22.1#
179	56.9	12.9	19.3#

Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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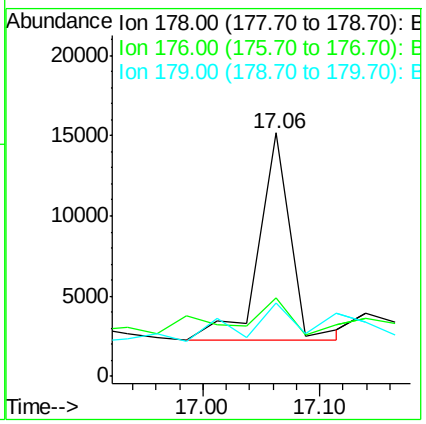
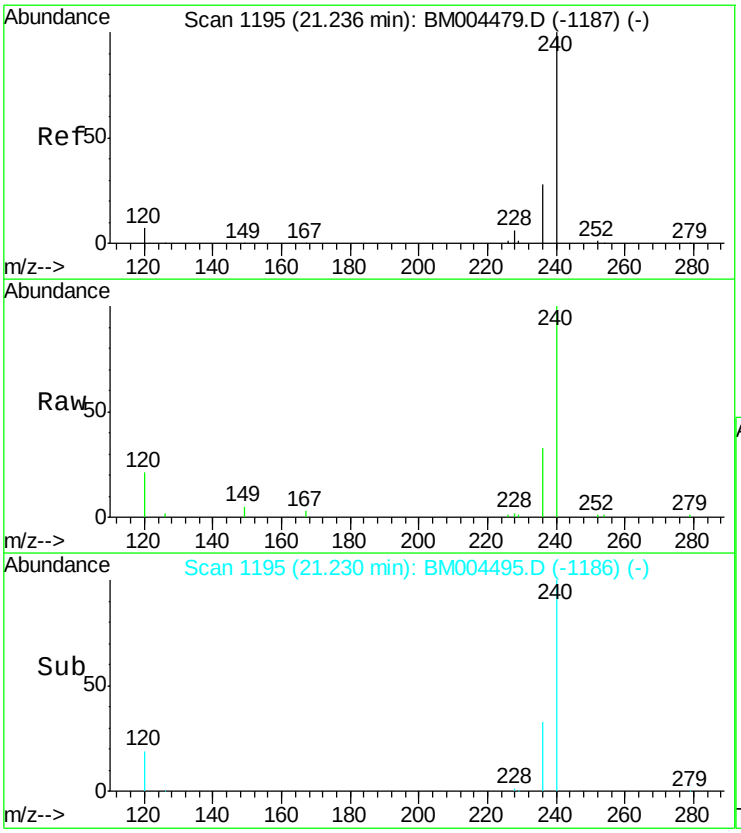
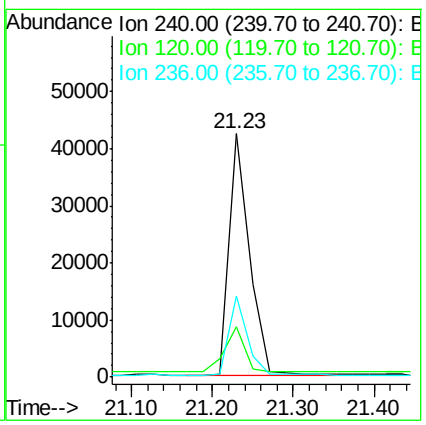


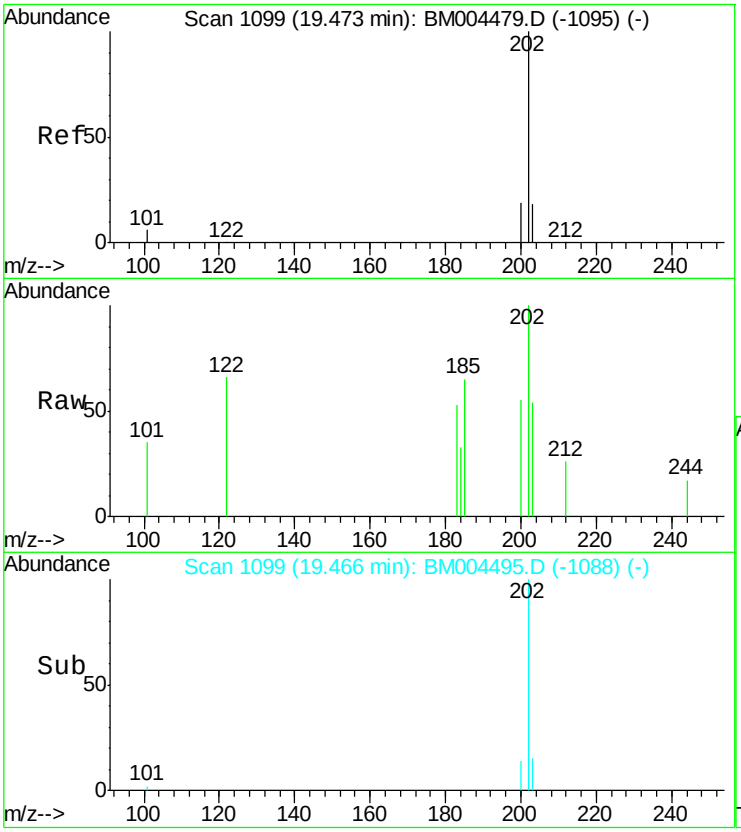


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:240 Resp: 73458

Ion	Ratio	Lower	Upper
240	100		
120	20.9	6.1	9.1#
236	33.2	22.6	34.0





#28
Pyrene
Concen: 0.13 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:202 Resp: 3776

Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.6	24.8
203	32.8	14.1	21.1#

Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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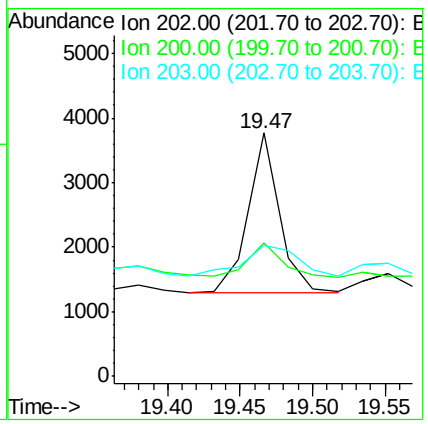
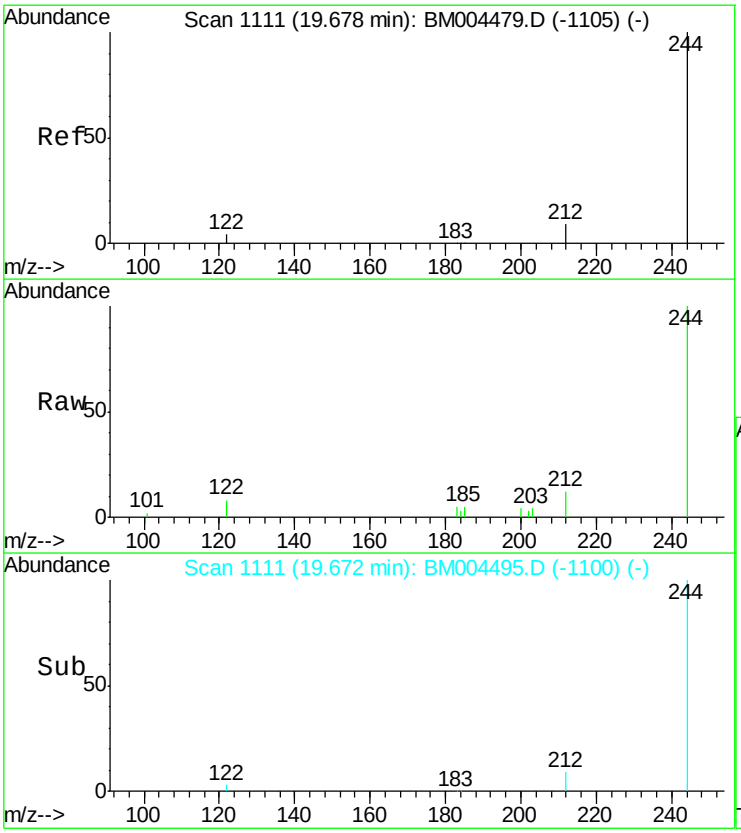
3/1/2016 3:04:39 PM

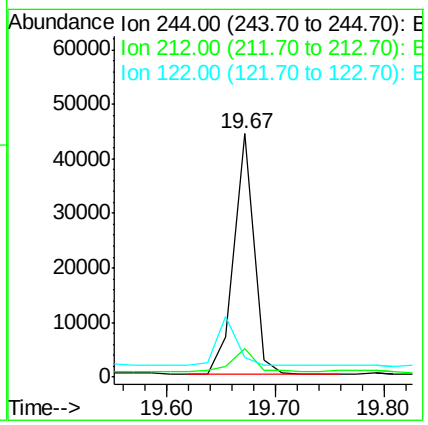


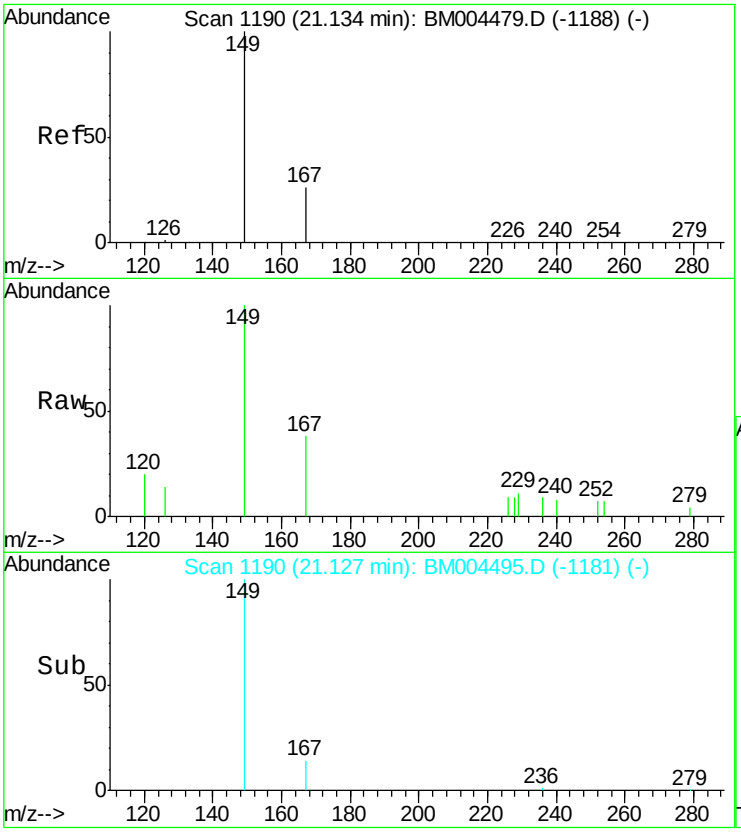


#29
Terphenyl-d14
Concen: 5.82 ng
RT: 19.67 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:244 Resp: 55030

Ion	Ratio	Lower	Upper
244	100		
212	11.6	7.5	11.3#
122	8.1	4.2	6.2#





#33
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.13 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:149 Resp: 5377

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.2	31.8
279	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
MW-2

Manual Integrations APPROVED
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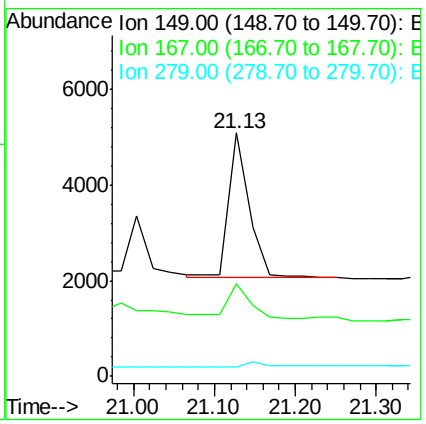
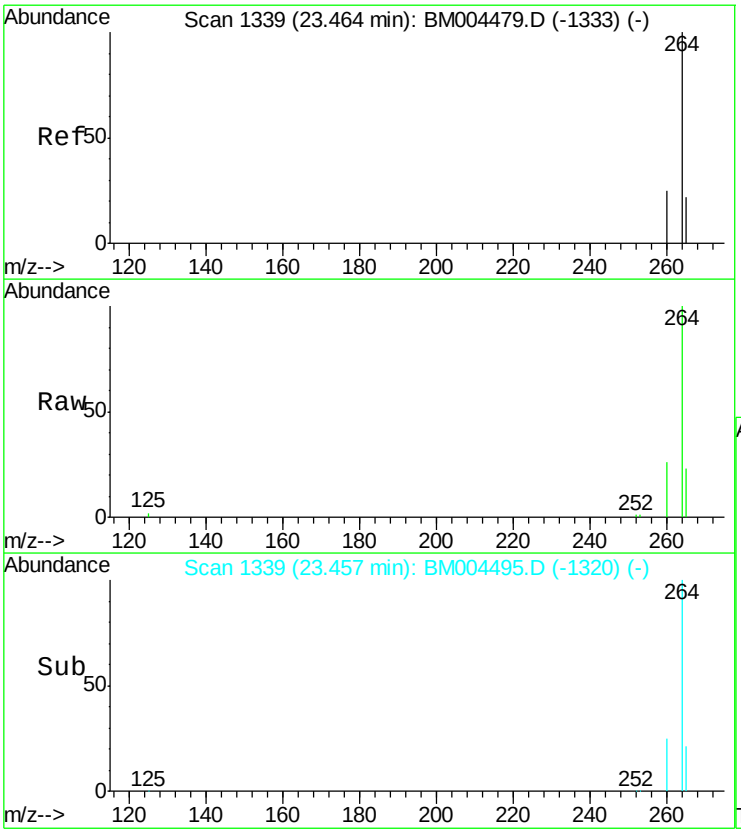
3/1/2016 3:04:39 PM





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM004495.D
Acq: 01 Mar 2016 07:29

Tgt Ion:264 Resp: 68951

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.8	29.6
265	23.1	18.9	28.3