Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM033115\
Data File : BM000785.D
Acq On : 01 Apr 2015 13:44
Operator : TP/IZ
Sample : MDL-05-W
Misc : MDL-WATER-0.1/0.2PPM
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
apatel
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Quant Time: Apr 01 15:32:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	32475	5.00	ng		0.00
4) Naphthalene-d8	10.40	136	109763	5.00	ng		0.00
8) Acenaphthene-d10	14.28	164	53154	5.00	ng		0.00
13) Phenanthrene-d10	17.01	188	118244	5.00	ng		0.00
19) Chrysene-d12	21.21	240	103121	5.00	ng		0.00
25) Perylene-d12	23.40	264	94363	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.77	82	52371	7.78	ng		0.00
9) 2-Fluorobiphenyl	12.89	172	161242	9.78	ng		0.00
21) Terphenyl-d14	19.66	244	134086	10.81	ng		0.00
Target Compounds							Qvalue
6) Naphthalene	10.45	128	2071	0.08	ng	#	91
7) 2-Methylnaphthalene	12.08	142	1241	0.08	ng		94
10) Acenaphthylene	13.98	152	1652	0.07	ng		99
11) Acenaphthene	14.33	154	1263	0.08	ng		97
12) Fluorene	15.32	166	1498	0.08	ng		99
14) Hexachlorobenzene	16.33	284	581	0.08	ng	#	74
16) Phenanthrene	17.05	178	2740m	0.08	ng		
17) Anthracene	17.15	178	2194	0.08	ng		99
18) Fluoranthene	19.08	202	2659	0.08	ng		100
20) Pyrene	19.45	202	3032	0.09	ng		99
22) Benzo(a)anthracene	21.20	228	2727	0.09	ng		97
23) Chrysene	21.25	228	2906	0.09	ng	#	89
24) Indeno(1,2,3-cd)pyrene	25.59	276	2591	0.08	ng		99
26) Benzo(b)fluoranthene	22.74	252	2448	0.08	ng	#	78
27) Benzo(k)fluoranthene	22.79	252	2610	0.09	ng	#	78
28) Benzo(a)pyrene	23.31	252	2188	0.09	ng	#	70
29) Dibenzo(a,h)anthracene	25.60	278	2048	0.08	ng	#	77
30) Benzo(g,h,i)perylene	26.26	276	2401	0.09	ng		92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM033115\
Data File : BM000785.D
Acq On : 01 Apr 2015 13:44
Operator : TP/IZ
Sample : MDL-05-W
Misc : MDL-WATER-0.1/0.2PPM
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 01 15:32:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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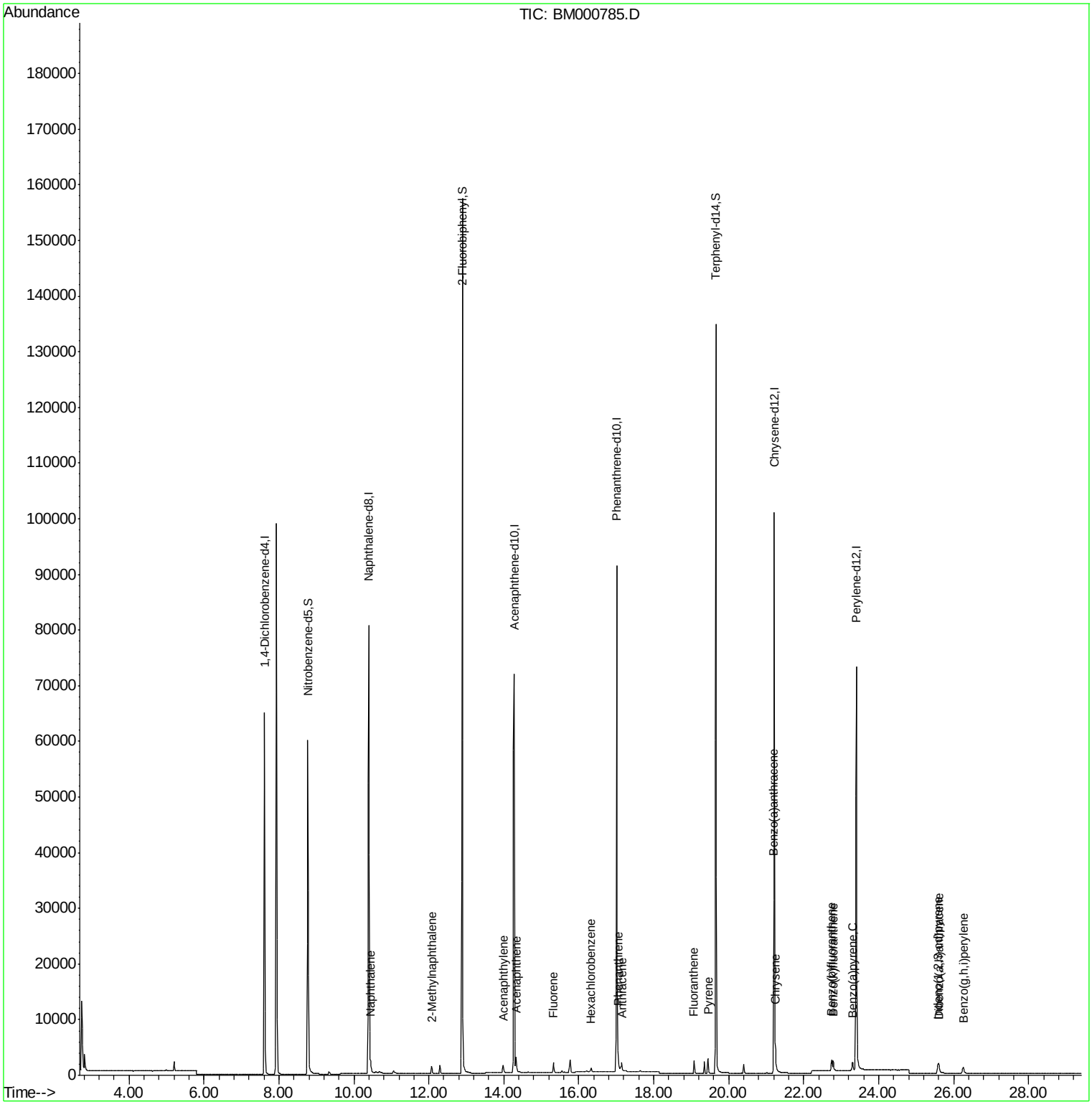
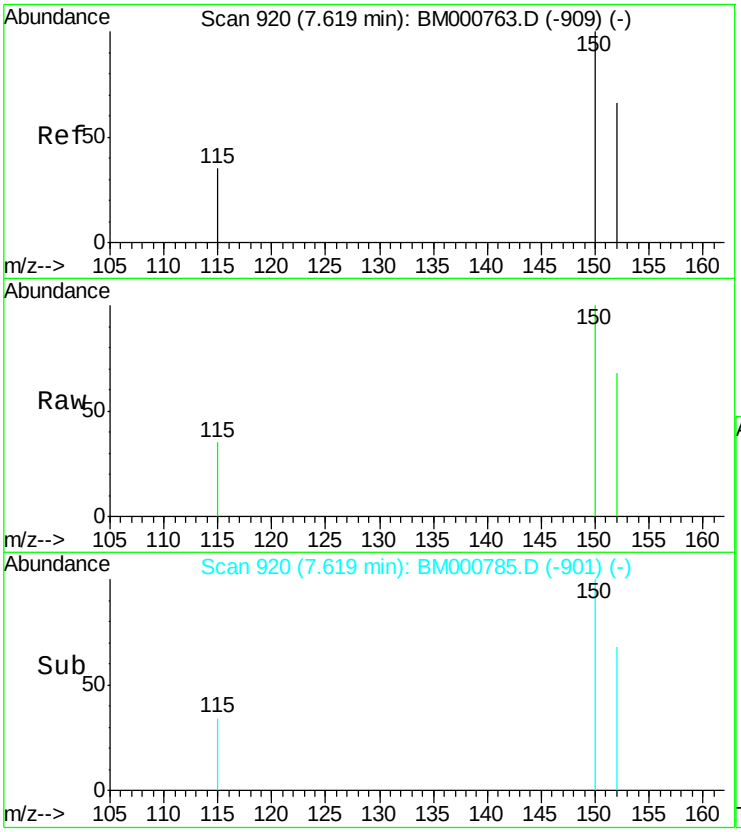
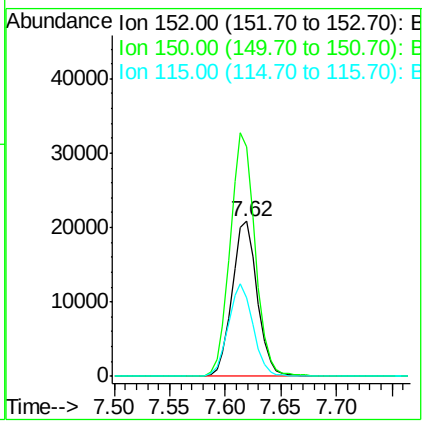




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 920
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:152 Resp: 32475

Ion	Ratio	Lower	Upper
152	100		
150	147.9	120.8	181.2
115	51.0	42.7	64.1



Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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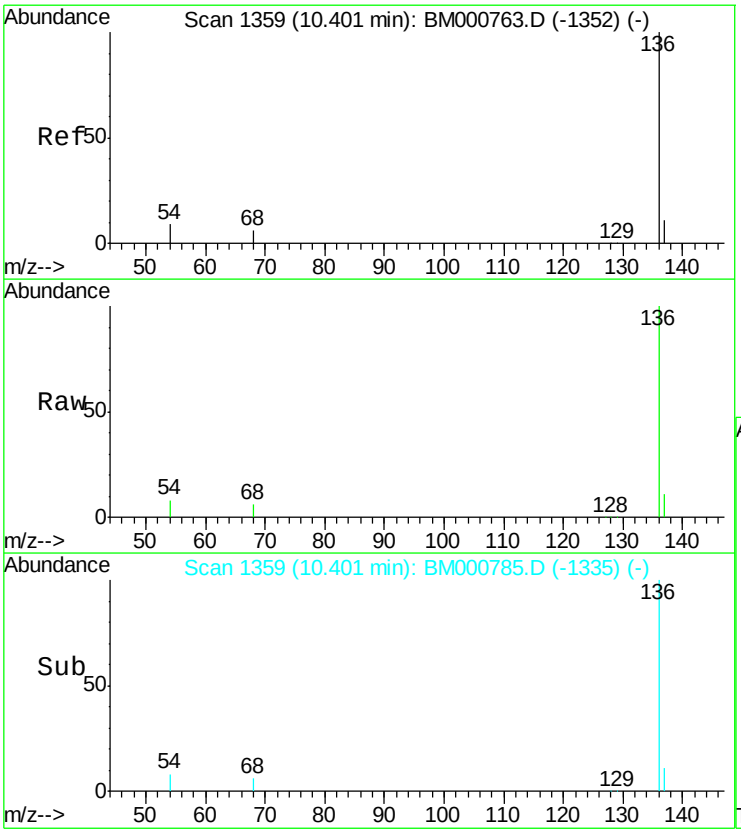
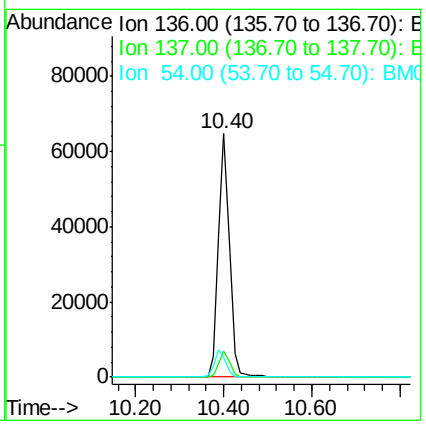
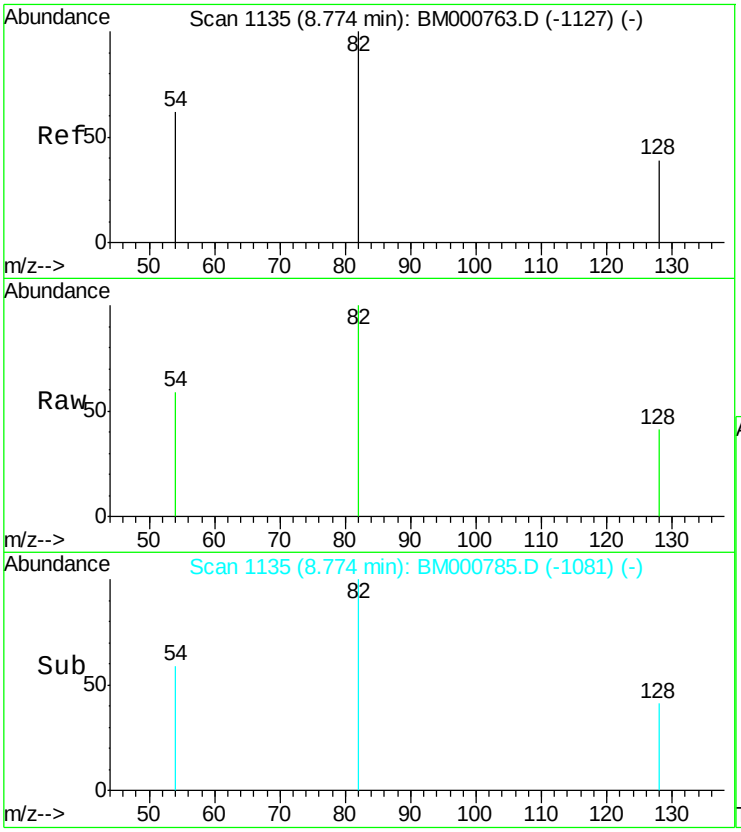


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.40 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:136 Resp: 109763

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.0	7.0	10.6

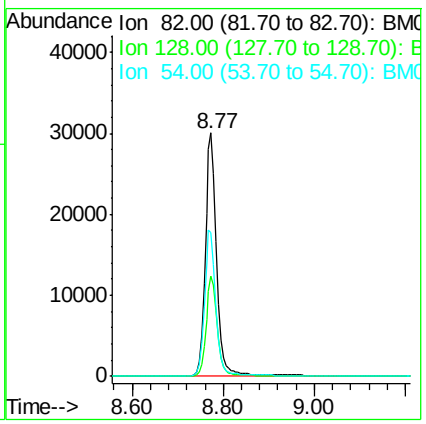




#5
Nitrobenzene-d5
Concen: 7.78 ng
RT: 8.77 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion: 82 Resp: 52371

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.2
54	59.1	50.2	75.4



Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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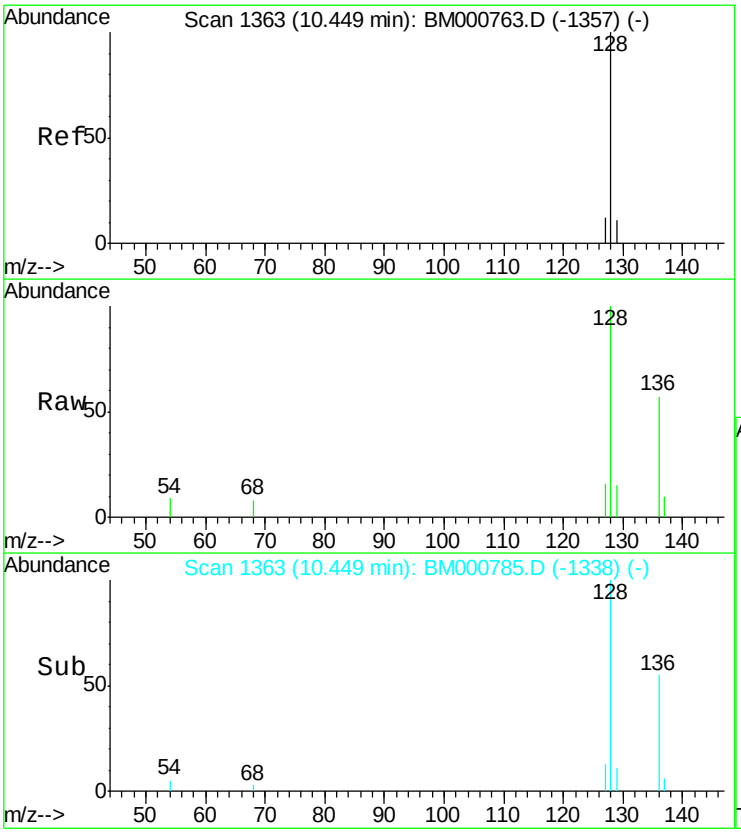
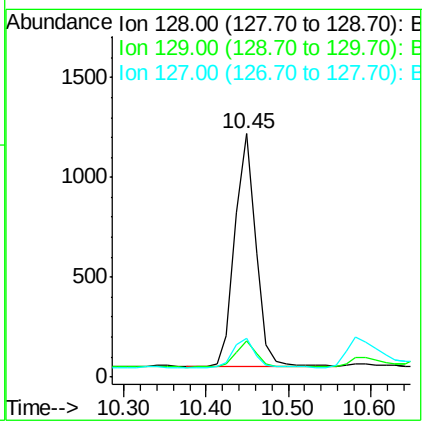
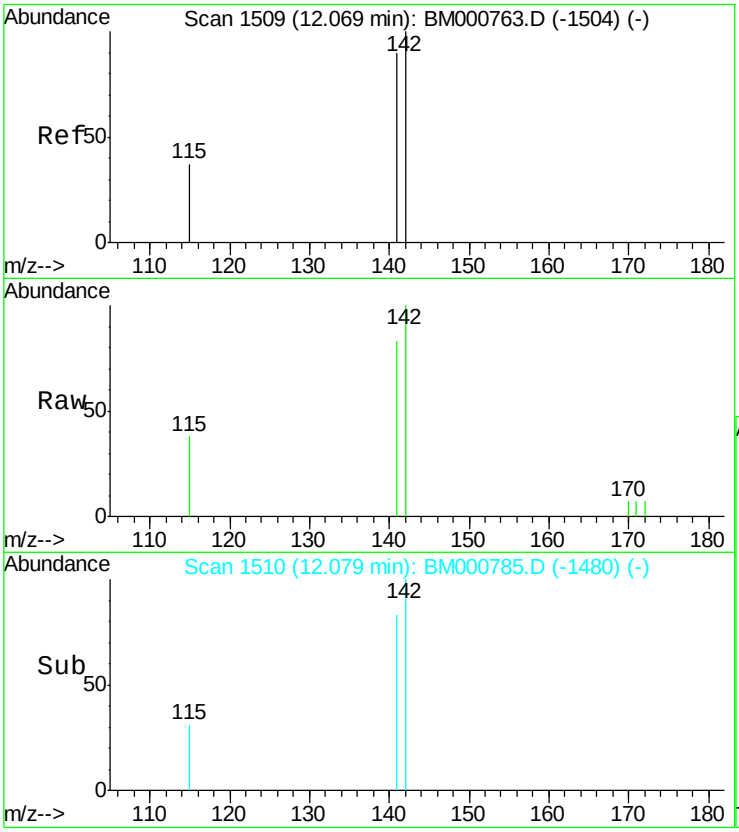


#6
Naphthalene
Concen: 0.08 ng
RT: 10.45 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:128 Resp: 2071

Ion	Ratio	Lower	Upper
128	100		
129	14.6	8.9	13.3#
127	15.9	10.0	15.0#

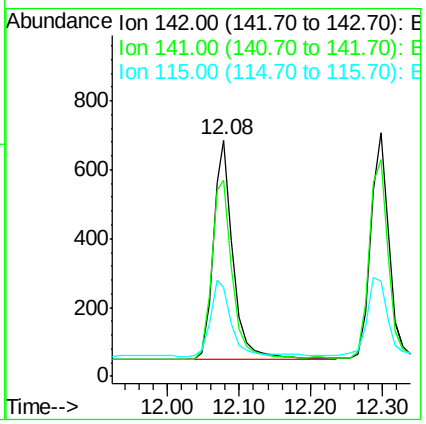




#7
2-Methylnaphthalene
Concen: 0.08 ng
RT: 12.08 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:142 Resp: 1241

Ion	Ratio	Lower	Upper
142	100		
141	83.1	72.3	108.5
115	37.7	29.5	44.3



Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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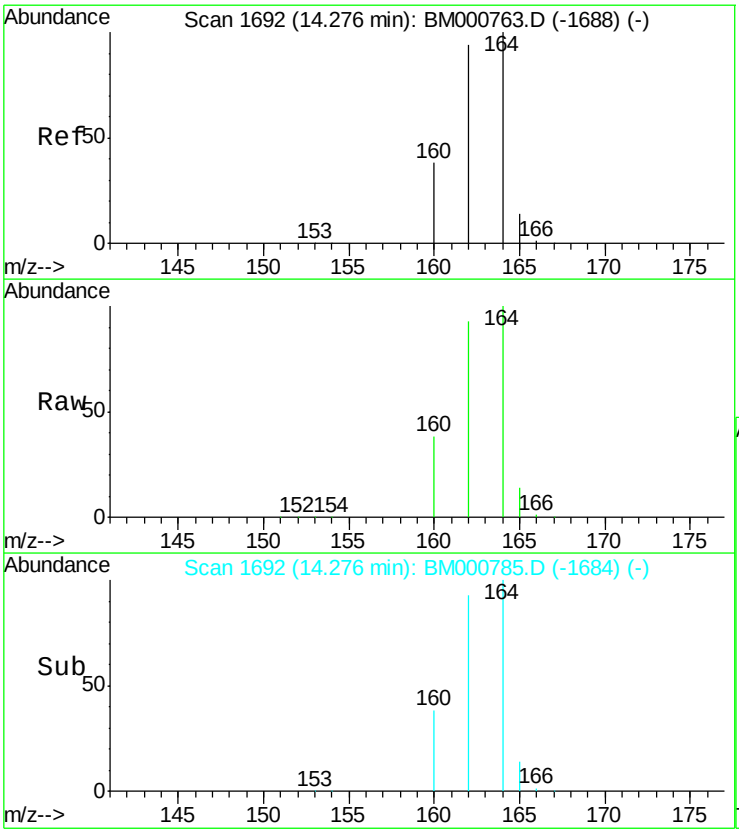
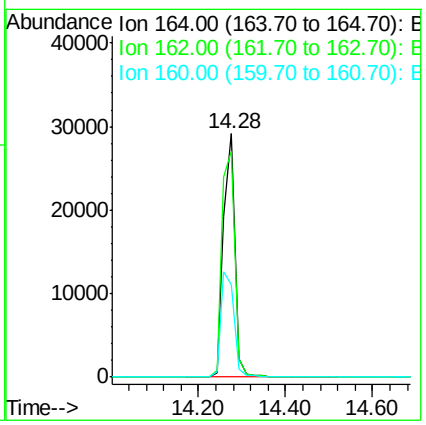
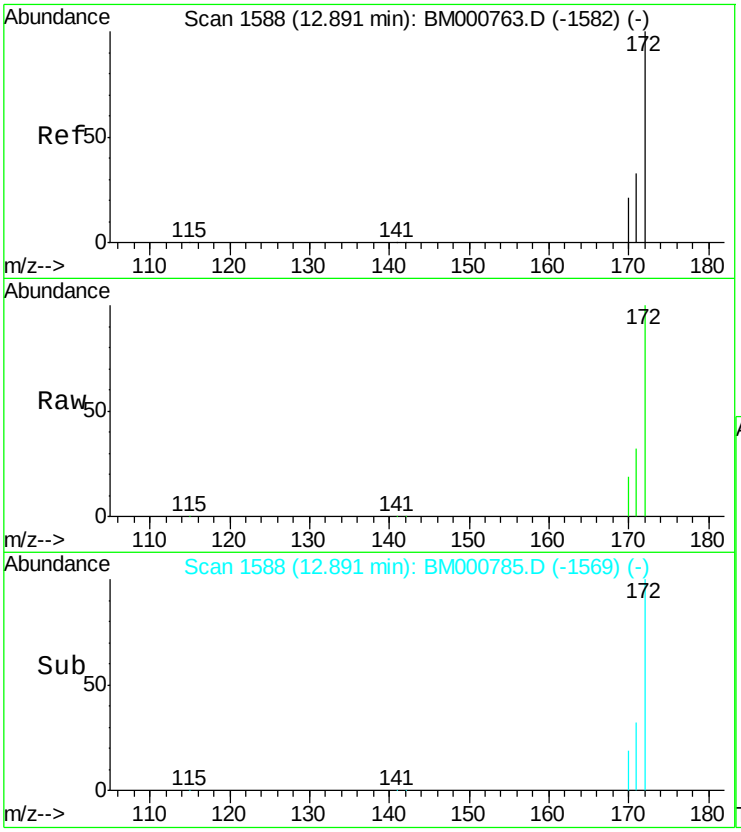


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.28 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:164 Resp: 53154

Ion	Ratio	Lower	Upper
164	100		
162	92.9	75.4	113.2
160	38.0	30.8	46.2

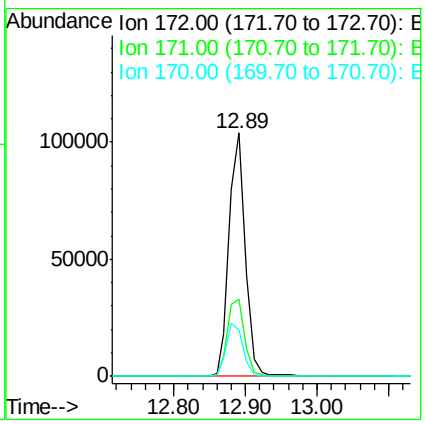




#9
2-Fluorobiphenyl
Concen: 9.78 ng
RT: 12.89 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:172 Resp: 161242

Ion	Ratio	Lower	Upper
172	100		
171	31.7	26.6	39.8
170	19.3	17.1	25.7



Instrument :
BNA_M
ClientSampleId :
MDL-05-W

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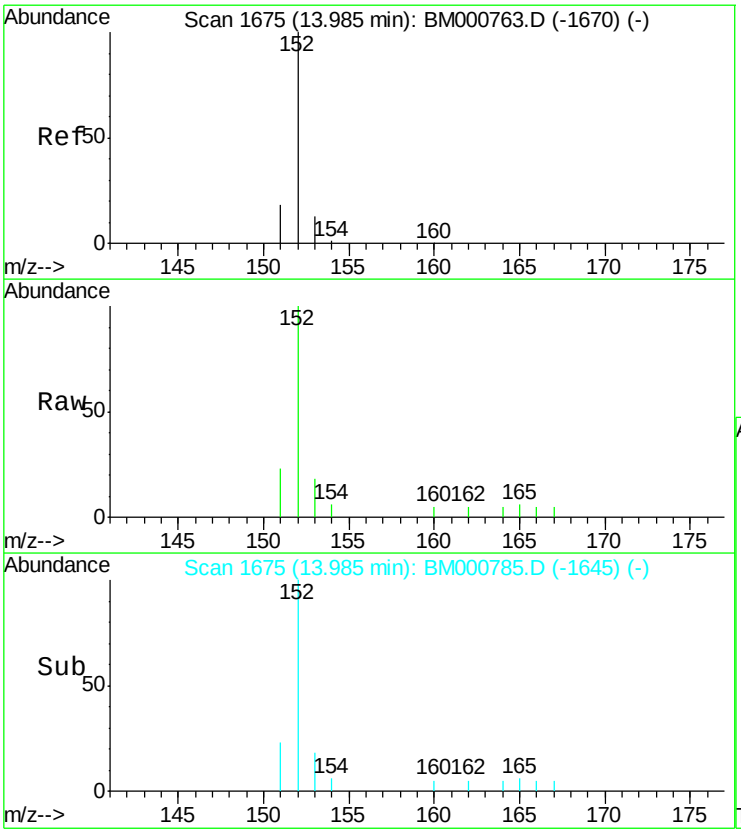
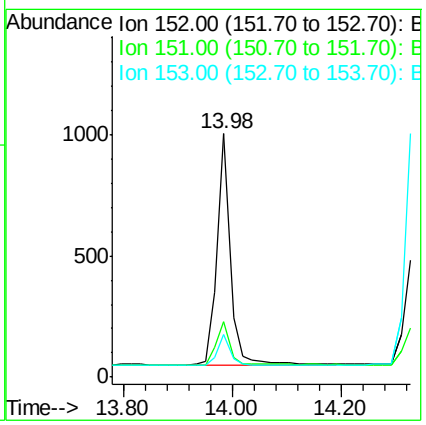
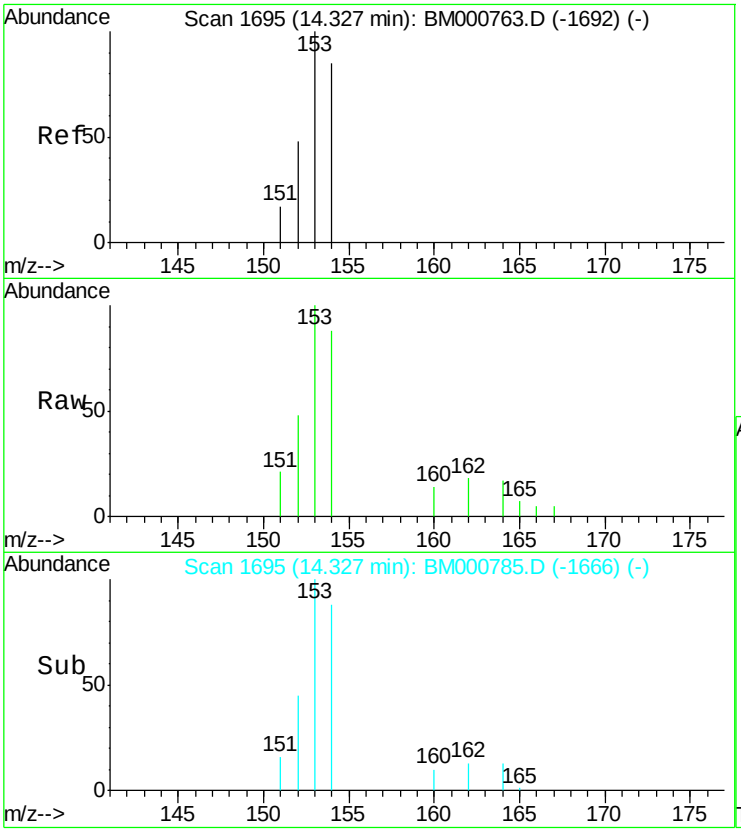


#10
Acenaphthylene
Concen: 0.07 ng
RT: 13.98 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:152 Resp: 1652

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.1	22.7
153	13.1	10.2	15.4

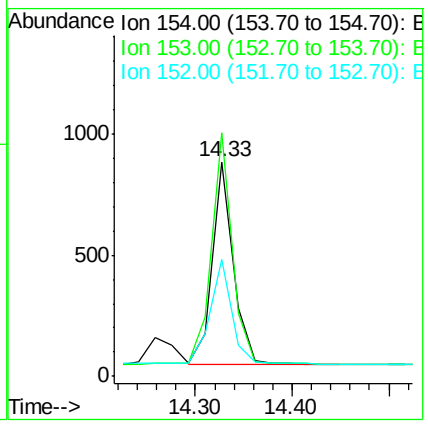




#11
Acenaphthene
Concen: 0.08 ng
RT: 14.33 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:154 Resp: 1263

Ion	Ratio	Lower	Upper
154	100		
153	113.9	87.3	130.9
152	54.0	43.0	64.6



Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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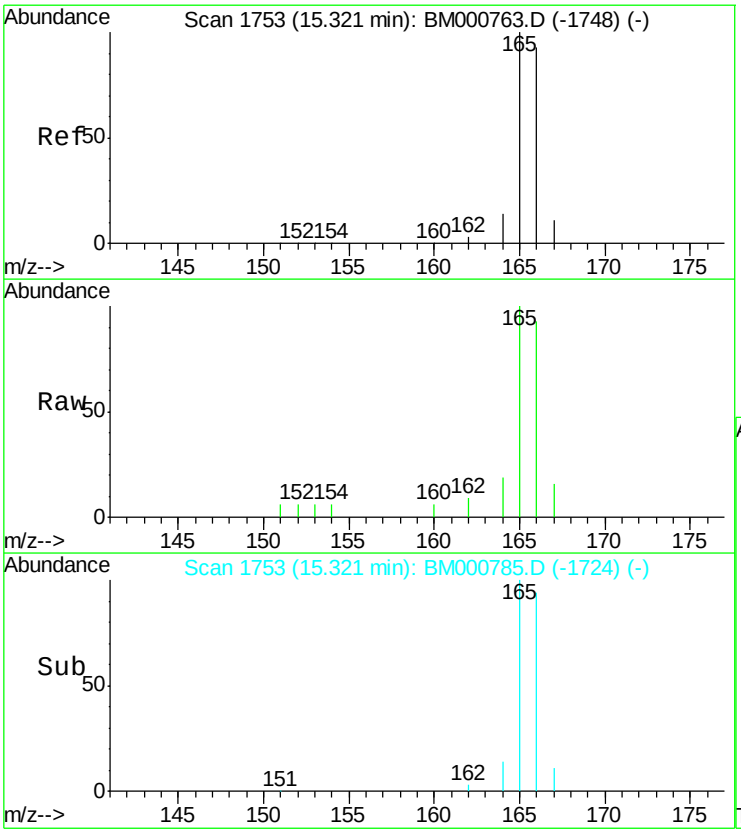
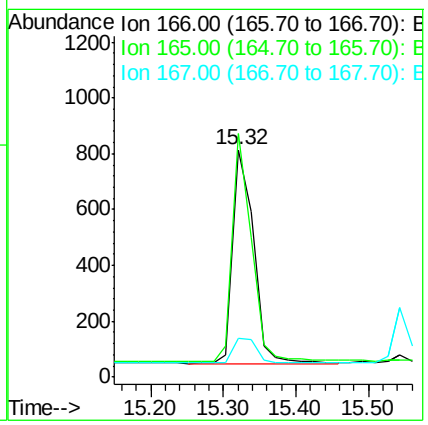
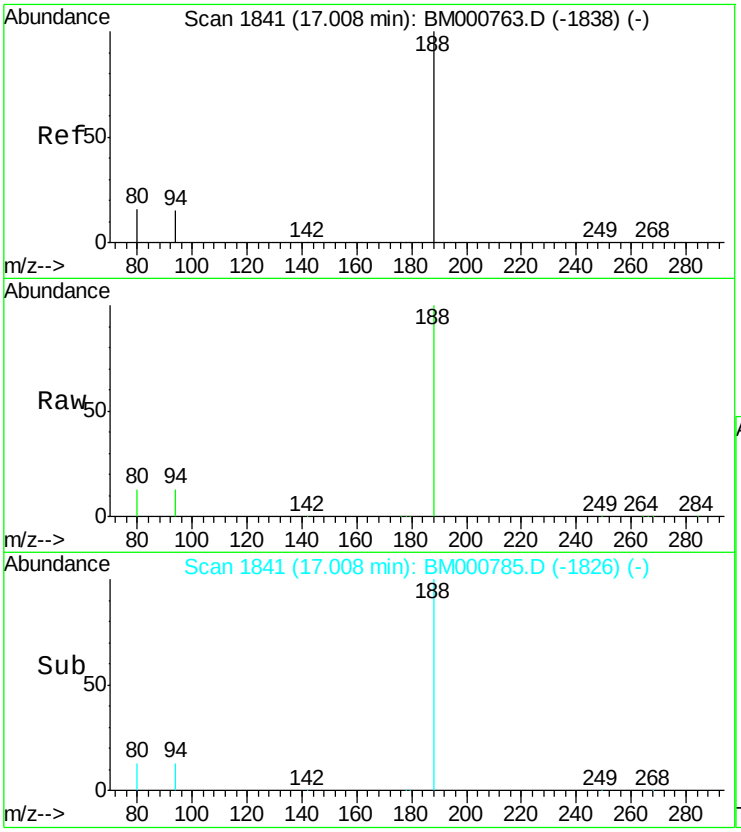


#12
Fluorene
Concen: 0.08 ng
RT: 15.32 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:166 Resp: 1498

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.2	117.2
167	13.7	10.7	16.1





#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:188 Resp: 118244

Ion	Ratio	Lower	Upper
188	100		
94	12.7	12.0	18.0
80	13.2	12.8	19.2

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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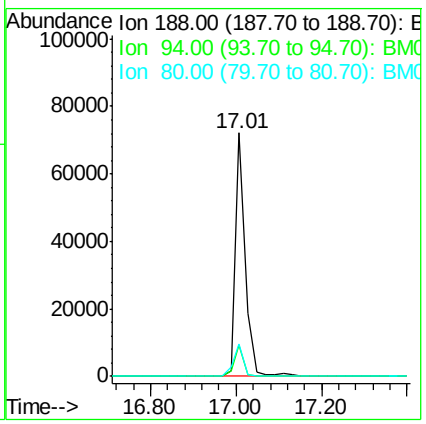
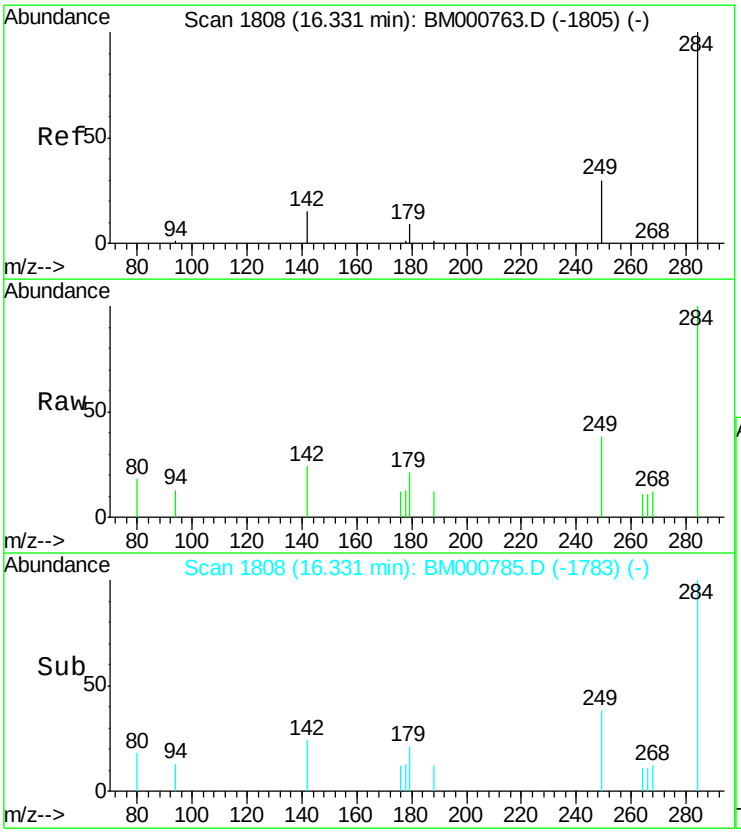
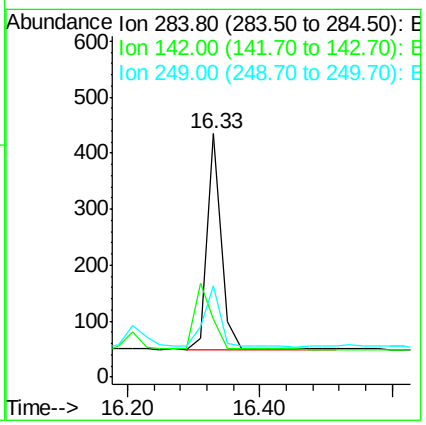


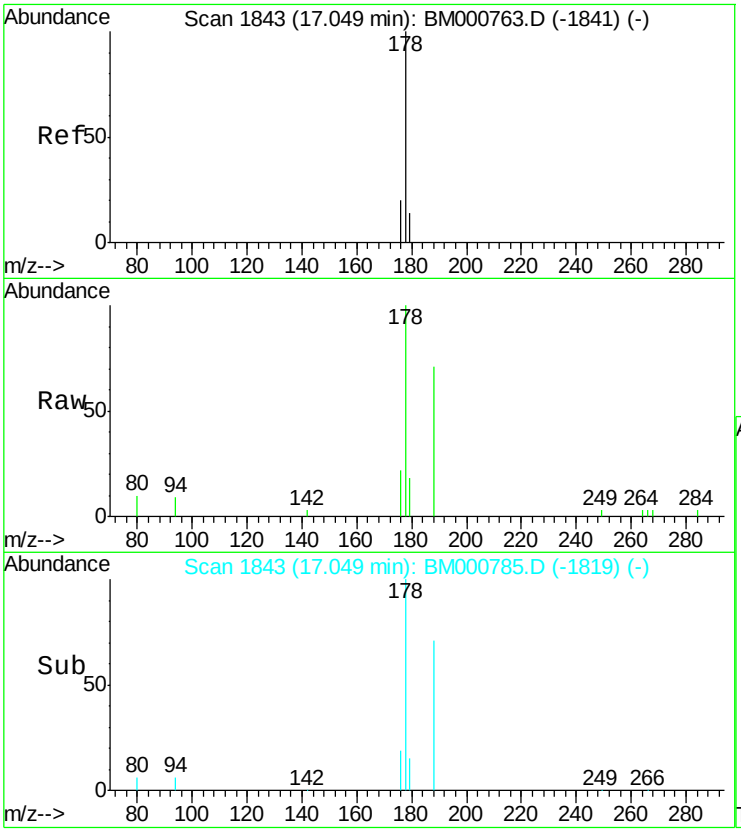


#14
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.33 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:284 Resp: 581

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	46.0	25.2	37.8#

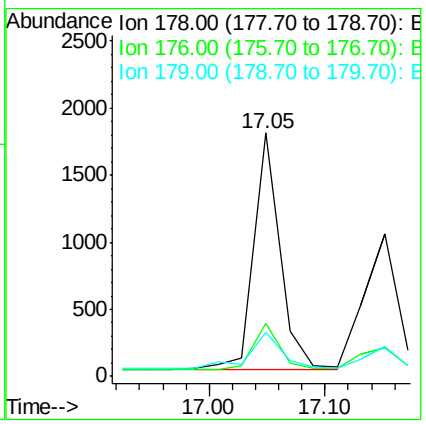




#16
Phenanthrene
Concen: 0.08 ng m
RT: 17.05 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:178 Resp: 2740

Ion	Ratio	Lower	Upper
178	100		
176	14.4	15.3	22.9#
179	11.6	12.2	18.2#



Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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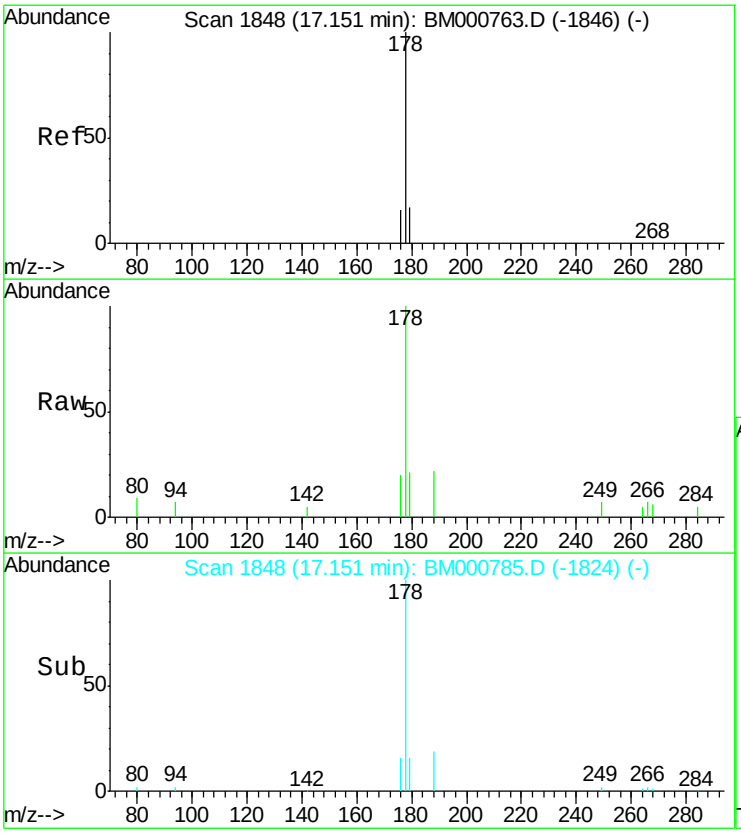
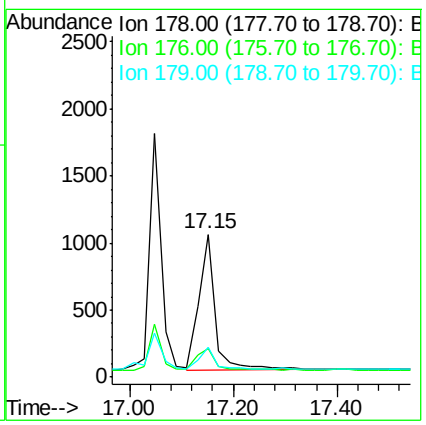
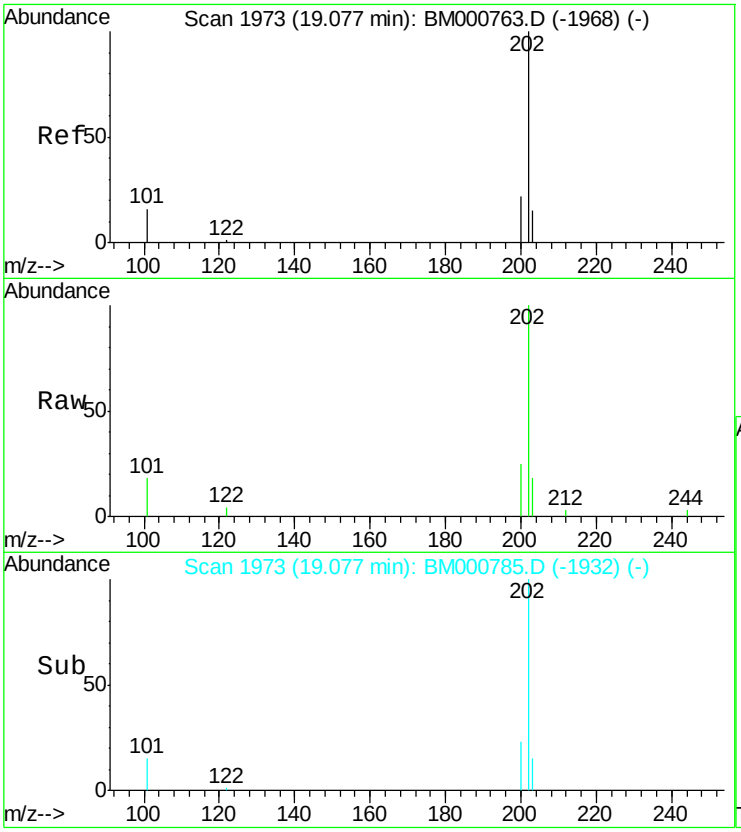


#17
Anthracene
Concen: 0.08 ng
RT: 17.15 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:178 Resp: 2194

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	14.5	12.2	18.4

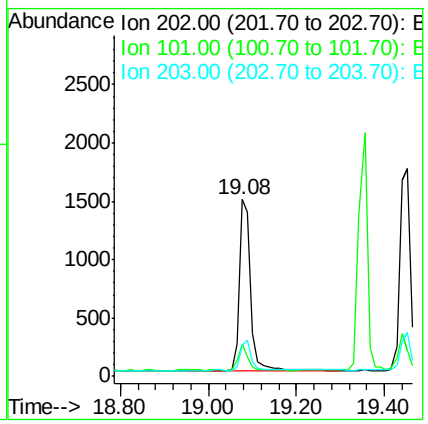




#18
Fluoranthene
Concen: 0.08 ng
RT: 19.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:202 Resp: 2659

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.5	15.7
203	17.3	13.8	20.8



Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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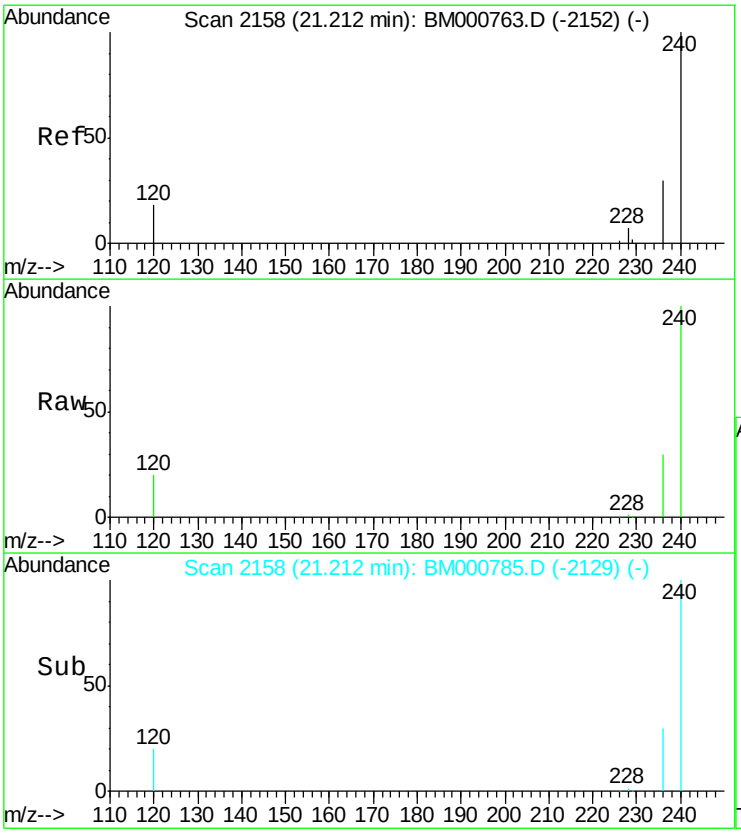
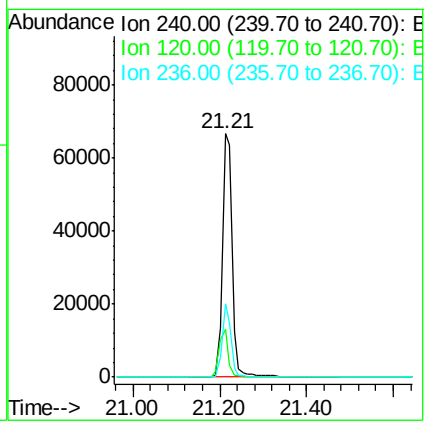
4/1/2015 6:18:23 PM

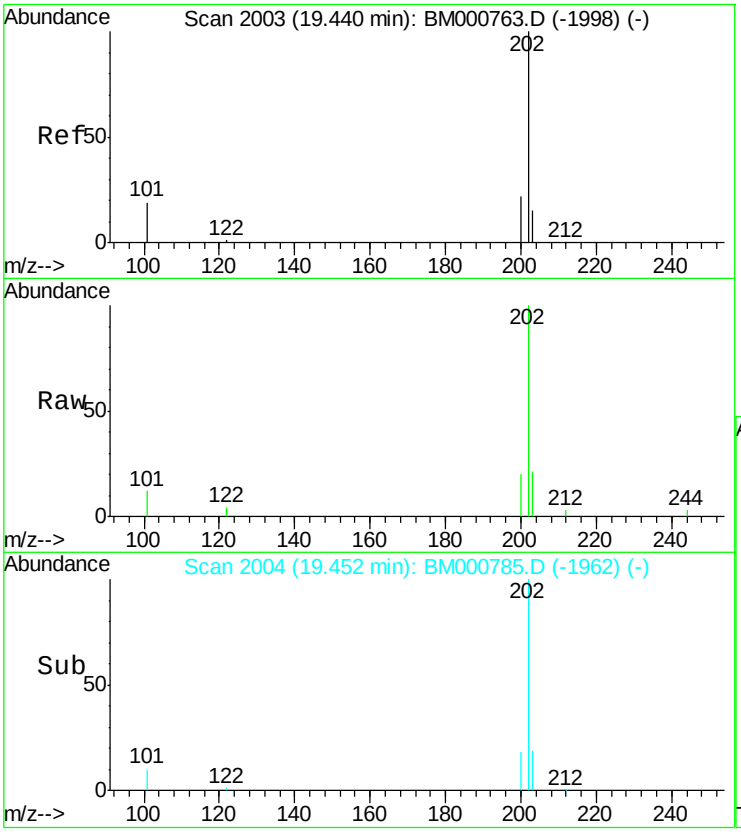


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:240 Resp: 103121

Ion	Ratio	Lower	Upper
240	100		
120	19.7	14.9	22.3
236	30.4	24.2	36.4





#20
Pyrene
Concen: 0.09 ng
RT: 19.45 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:202 Resp: 3032

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.9	13.9	20.9

Instrument :
BNA_M
ClientSampleId :
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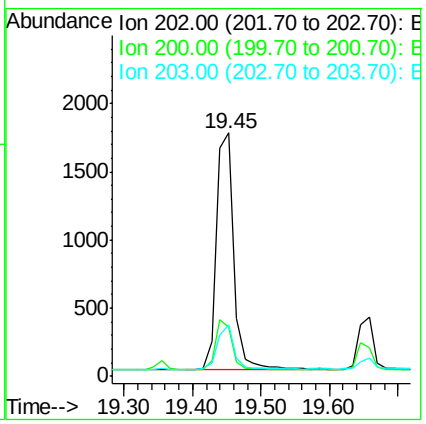
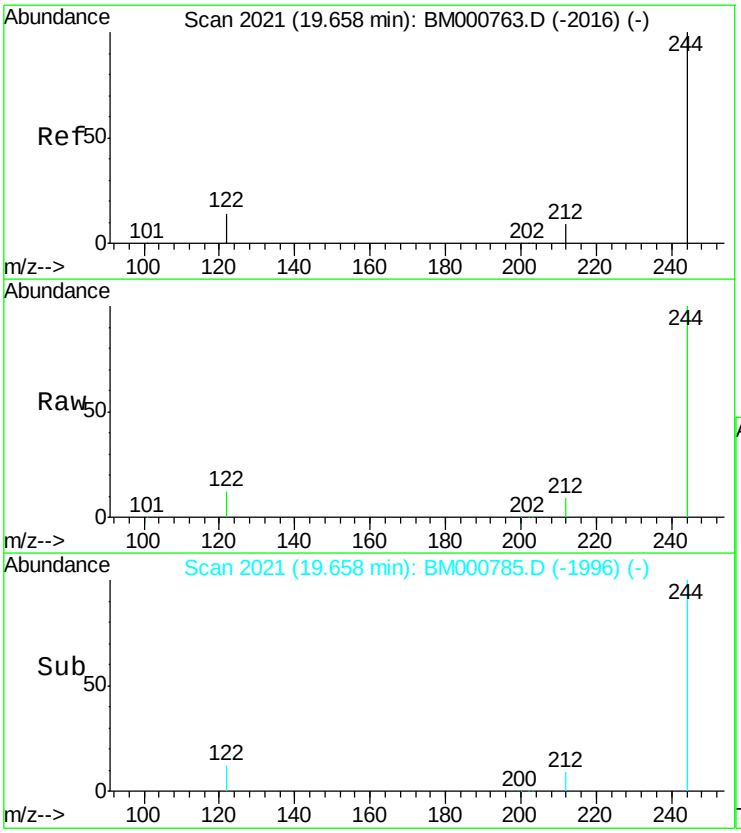
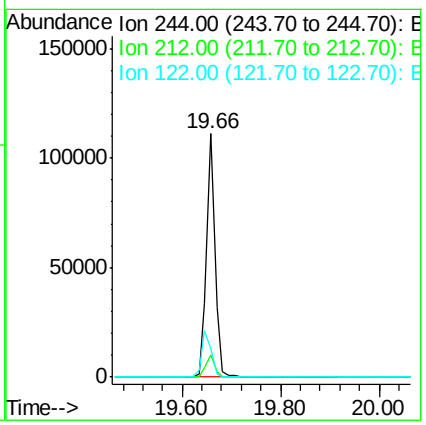


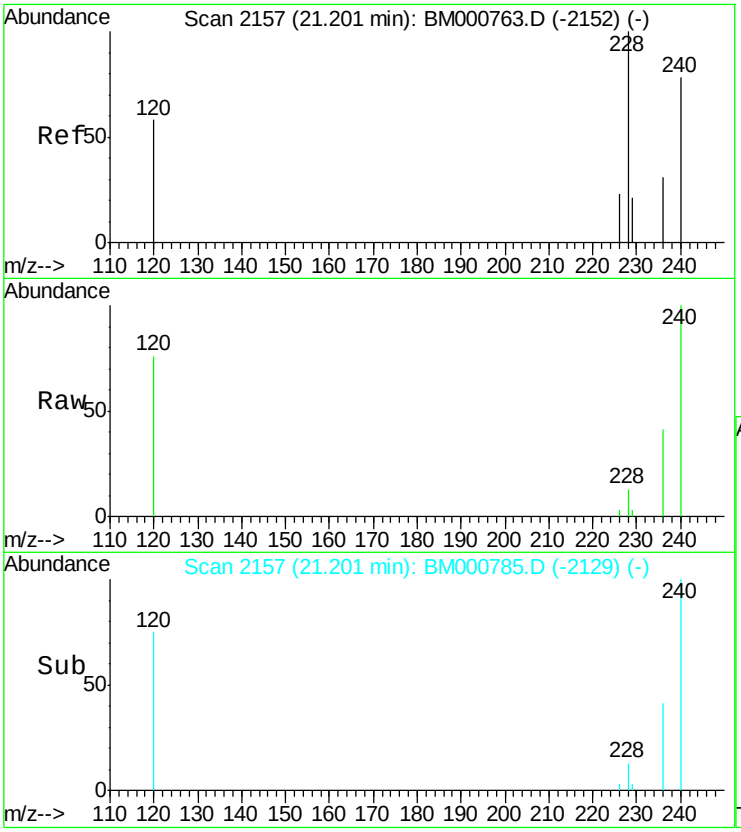


#21
Terphenyl-d14
Concen: 10.81 ng
RT: 19.66 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:244 Resp: 134086

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.8	11.6
122	11.6	11.8	17.8#

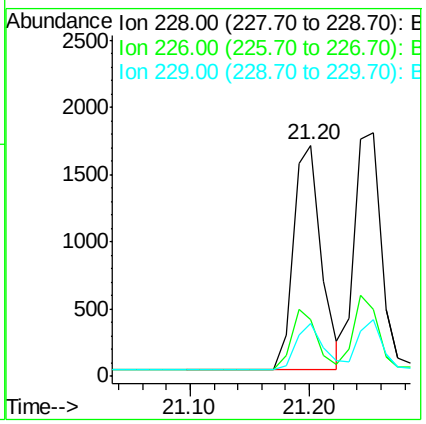




#22
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.20 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:228 Resp: 2727

Ion	Ratio	Lower	Upper
228	100		
226	24.3	18.6	27.8
229	23.0	17.2	25.8



Instrument :
BNA_M
ClientSampleId :
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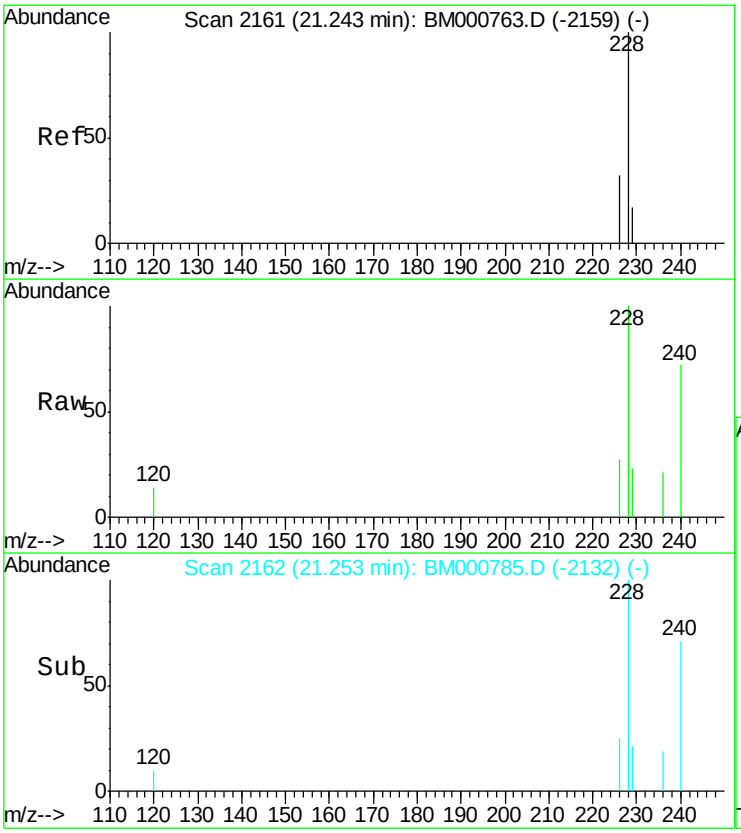
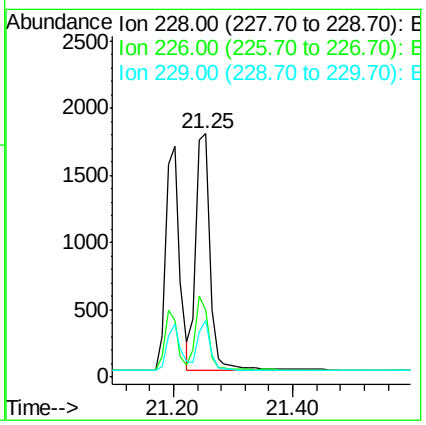
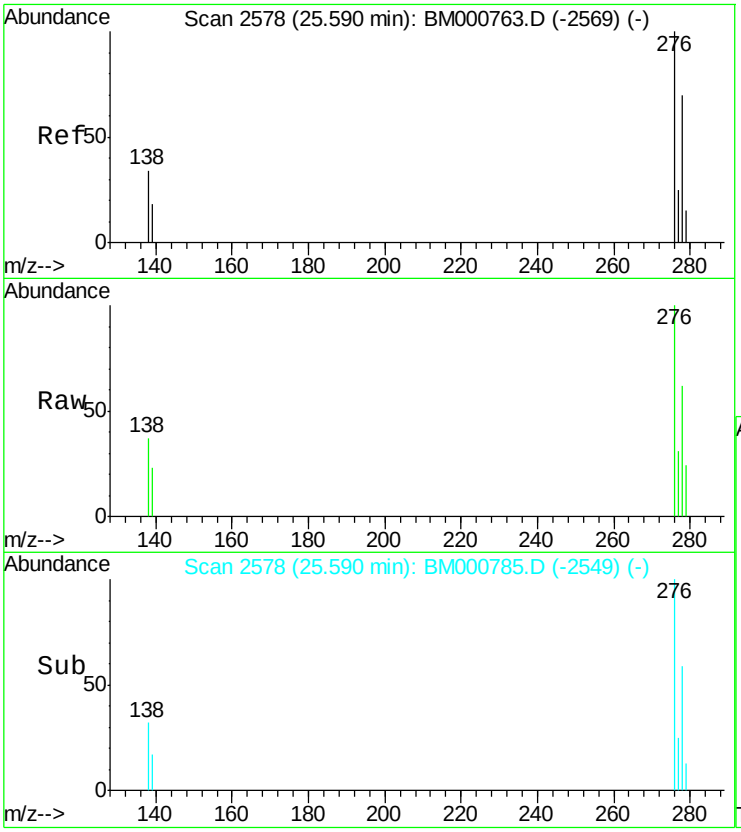


#23
Chrysene
Concen: 0.09 ng
RT: 21.25 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:228 Resp: 2906

Ion	Ratio	Lower	Upper
228	100		
226	27.3	25.8	38.8
229	23.4	13.8	20.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng
RT: 25.59 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:276 Resp: 2591

Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.4	41.2
277	24.7	19.7	29.5

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

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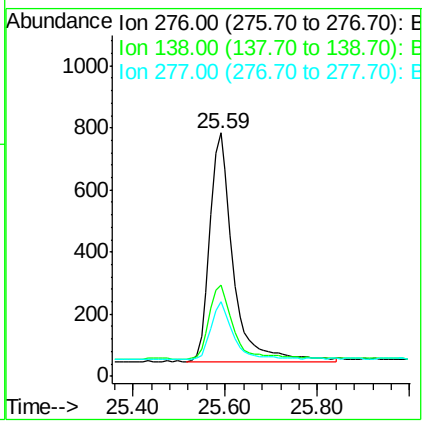
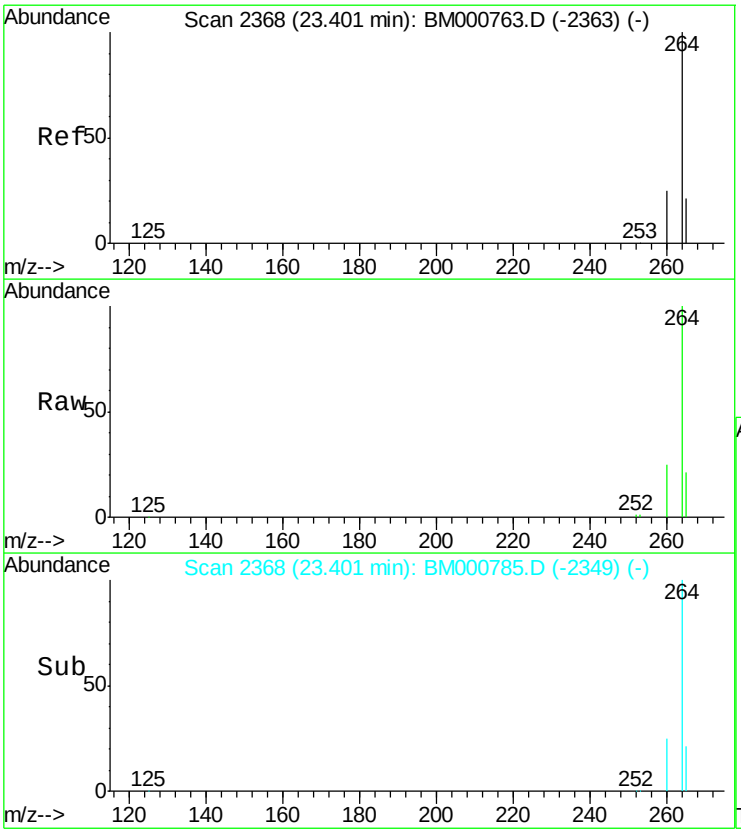
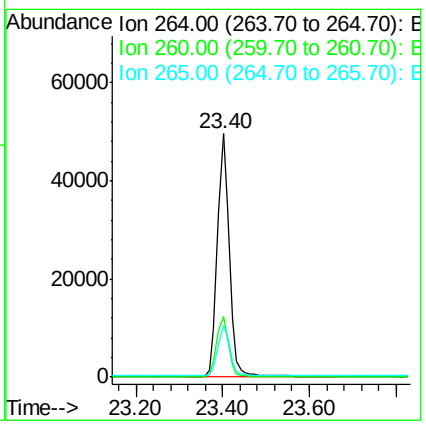


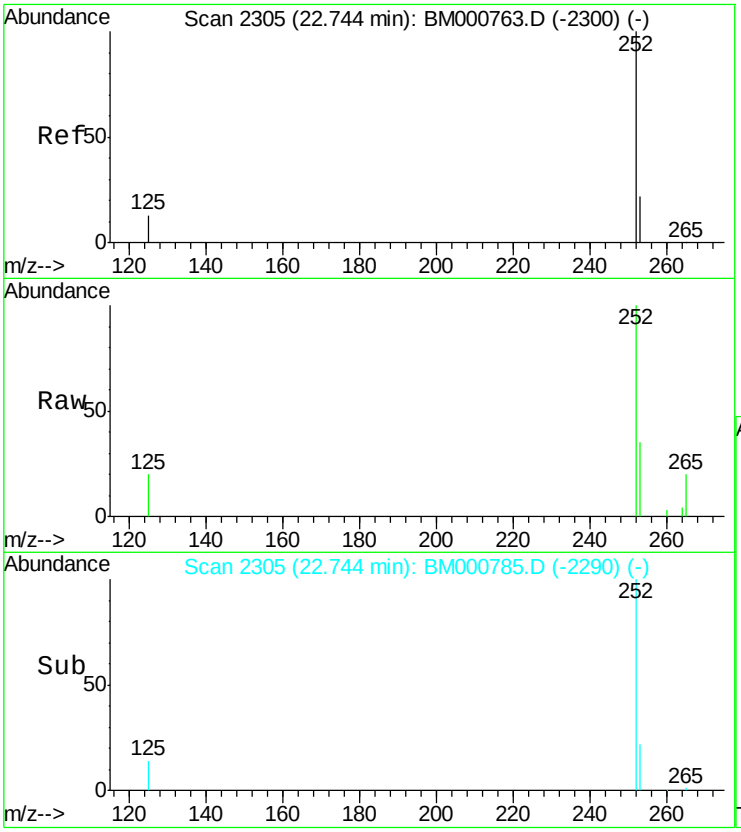


#25
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:264 Resp: 94363

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.1	17.4	26.0





#26
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 22.74 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:252 Resp: 2448

Ion	Ratio	Lower	Upper
252	100		
253	35.3	18.5	27.7#
125	19.9	10.6	16.0#

Instrument :
BNA_M
ClientSampleId :
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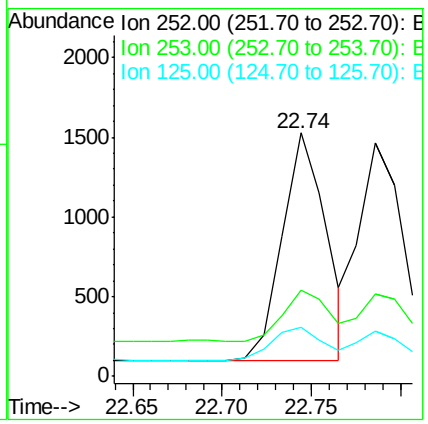
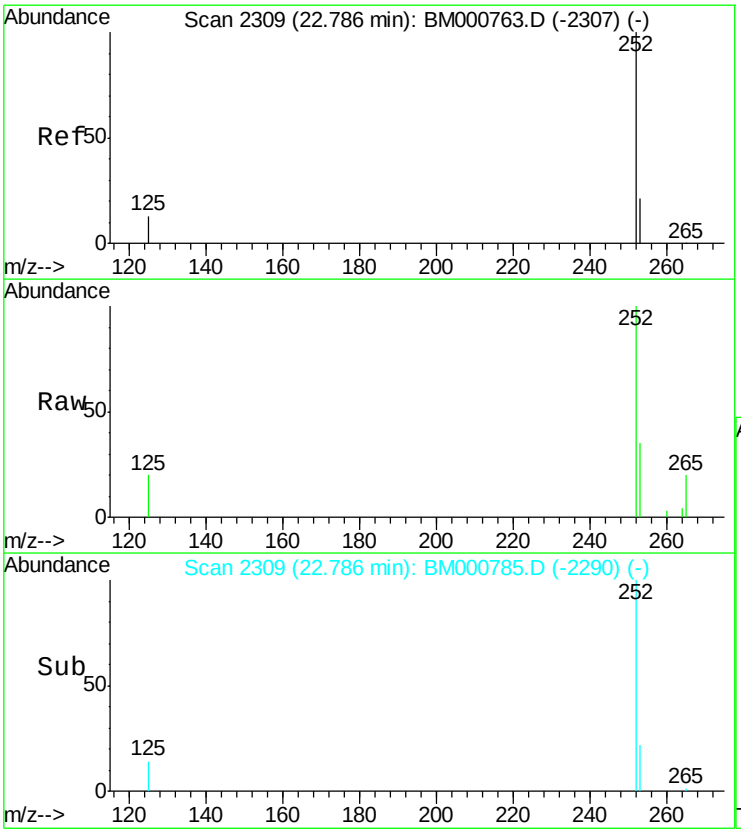
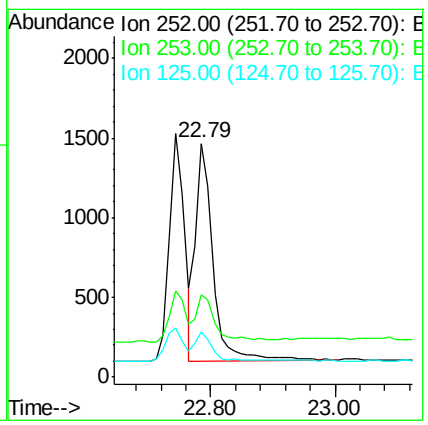


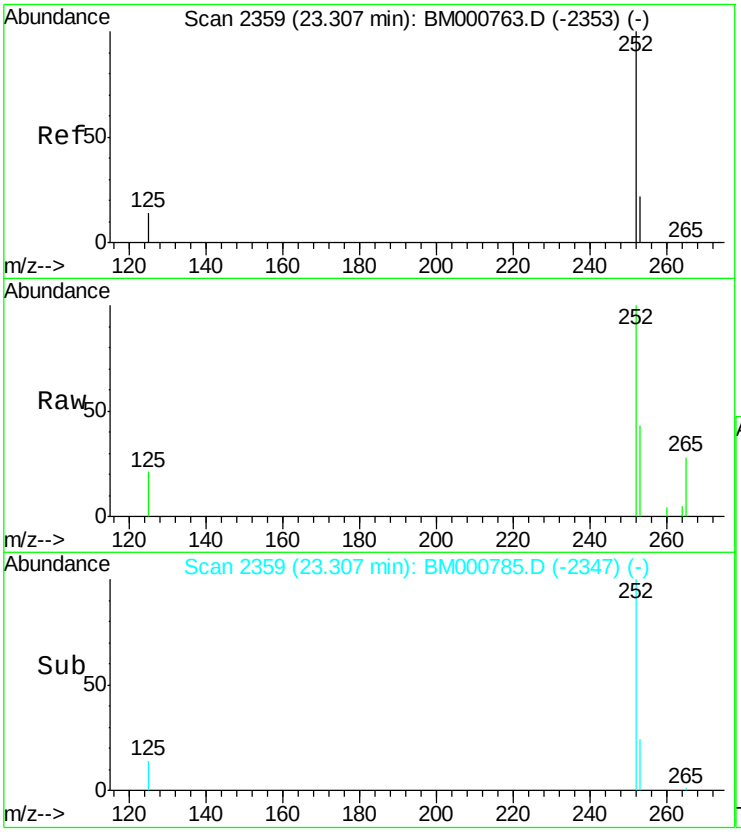


#27
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.79 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:252 Resp: 2610

Ion	Ratio	Lower	Upper
252	100		
253	35.2	17.9	26.9#
125	19.6	10.8	16.2#





#28
Benzo(a)pyrene
Concen: 0.09 ng
RT: 23.31 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:252 Resp: 2188

Ion	Ratio	Lower	Upper
252	100		
253	43.0	19.4	29.2#
125	21.3	11.5	17.3#

Instrument :
BNA_M
ClientSampleId :
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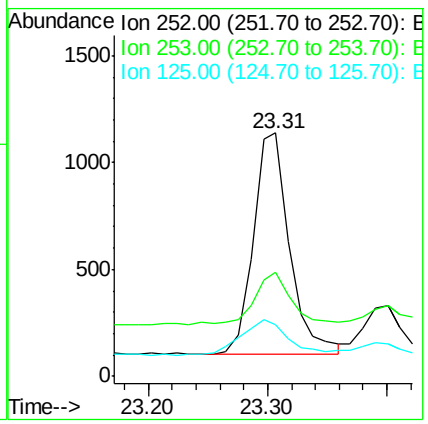
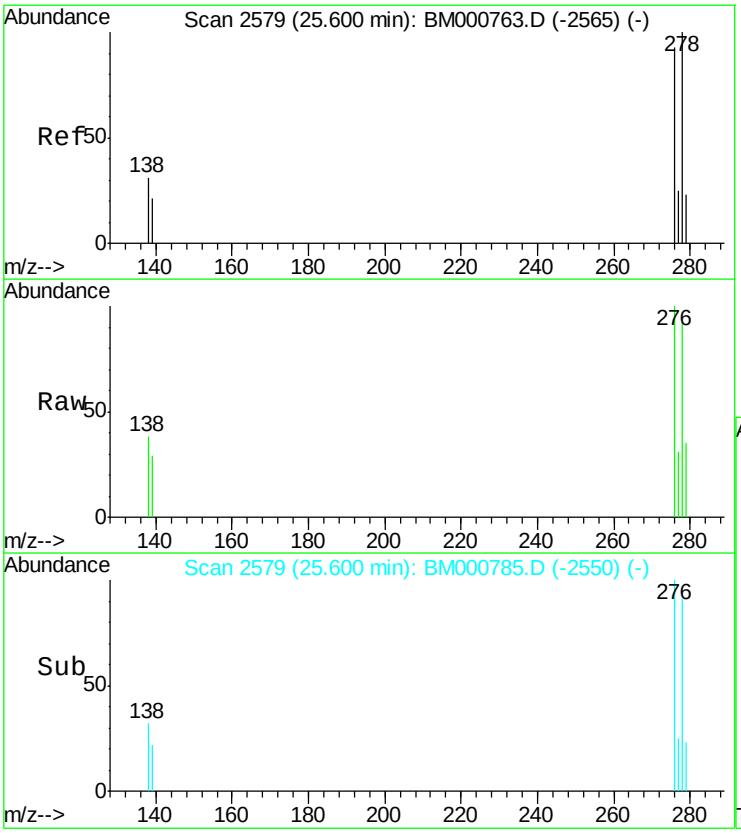
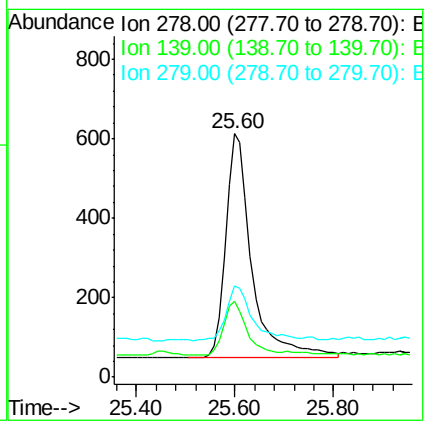


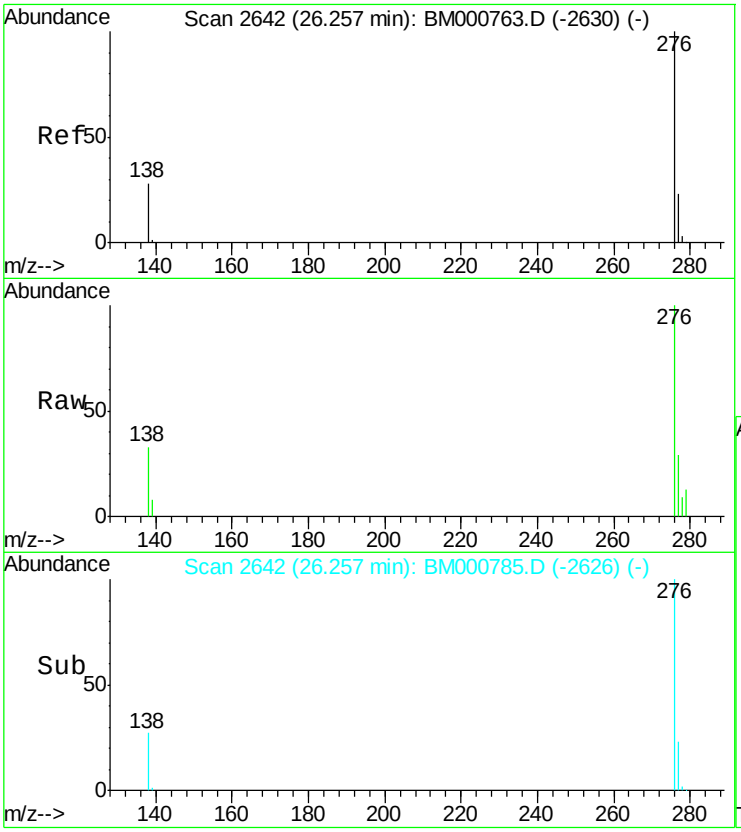


#29
Dibenzo(a,h)anthracene
Concen: 0.08 ng
RT: 25.60 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:278 Resp: 2048

Ion	Ratio	Lower	Upper
278	100		
139	31.2	17.8	26.6#
279	37.7	19.3	28.9#

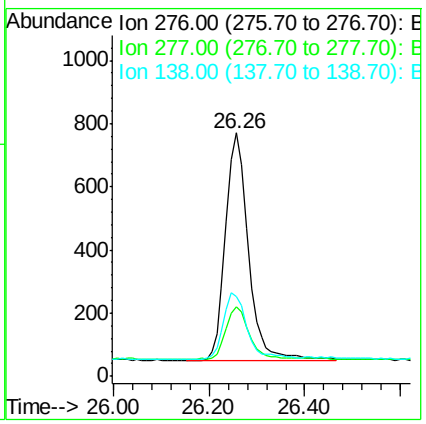




#30
Benzo(g,h,i)perylene
Concen: 0.09 ng
RT: 26.26 min Scan# 2642
Delta R.T. -0.00 min
Lab File: BM000785.D
Acq: 01 Apr 2015 13:44

Tgt Ion:276 Resp: 2401

Ion	Ratio	Lower	Upper
276	100		
277	28.5	19.1	28.7
138	32.6	23.1	34.7



Instrument :
BNA_M
ClientSampleId :
MDL-05-W

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