Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004459.D
Acq On : 28 Feb 2016 20:20
Operator : SJ/UM
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
UMANGI
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Quant Time: Feb 29 03:40:23 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 02:56:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13929	5.00	ng		0.00
7) Naphthalene-d8	10.38	136	49909	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	32917	5.00	ng		0.00
15) Phenanthrene-d10	17.03	188	41538	5.00	ng		0.00
19) Chrysene-d12	21.24	240	61076	5.00	ng		0.00
28) Perylene-d12	23.46	264	45677	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	29718	10.21	ng		0.00
5) Phenol-d6	6.80	99	40797	11.77	ng		-0.03
8) Nitrobenzene-d5	8.76	82	29654	13.23	ng		-0.02
13) 2,4,6-Tribromophenol	15.78	330	17123	17.46	ng		0.00
14) 2-Fluorobiphenyl	12.89	172	88297	8.78	ng		0.00
22) Terphenyl-d14	19.67	244	72099	9.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	11776	7.88	ng		91
3) n-Nitrosodimethylamine	3.40	42	10647	8.79	ng	#	79
6) bis(2-Chloroethyl)ether	7.04	93	24617	7.72	ng	#	97
9) Nitrobenzene	8.81	77	31619	12.35	ng	#	100
10) Hexachlorobutadiene	10.74	225	18842	10.36	ng		99
11) 2-Methylnaphthalene	12.07	142	67210	8.86	ng	#	91
16) Hexachlorobenzene	16.35	284	19063	12.67	ng	#	100
17) Pentachlorophenol	16.69	266	11423	29.03	ng	#	76
18) Fluoranthene	19.10	202	165697	14.18	ng		100
20) Benzidine	19.29	184	58256	19.77	ng	#	76
21) Pyrene	19.46	202	167721	9.63	ng		99
23) Benzo(a)anthracene	21.22	228	169511m	9.30	ng		
24) 3,3'-Dichlorobenzidine	21.17	252	56535	12.78	ng	#	82
25) Chrysene	21.26	228	135378m	8.03	ng		
26) Bis(2-ethylhexyl)phthalate	21.14	149	84378	10.85	ng		98
27) Indeno(1,2,3-cd)pyrene	25.69	276	149726	8.50	ng		100
29) Benzo(b)fluoranthene	22.79	252	172068	11.89	ng		95
30) Benzo(k)fluoranthene	22.83	252	135673	10.50	ng		95
31) Benzo(a)pyrene	23.37	252	133054	10.58	ng		95
32) Dibenzo(a,h)anthracene	25.70	278	118700	10.58	ng		94
33) Benzo(g,h,i)perylene	26.38	276	126582	10.32	ng		98

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

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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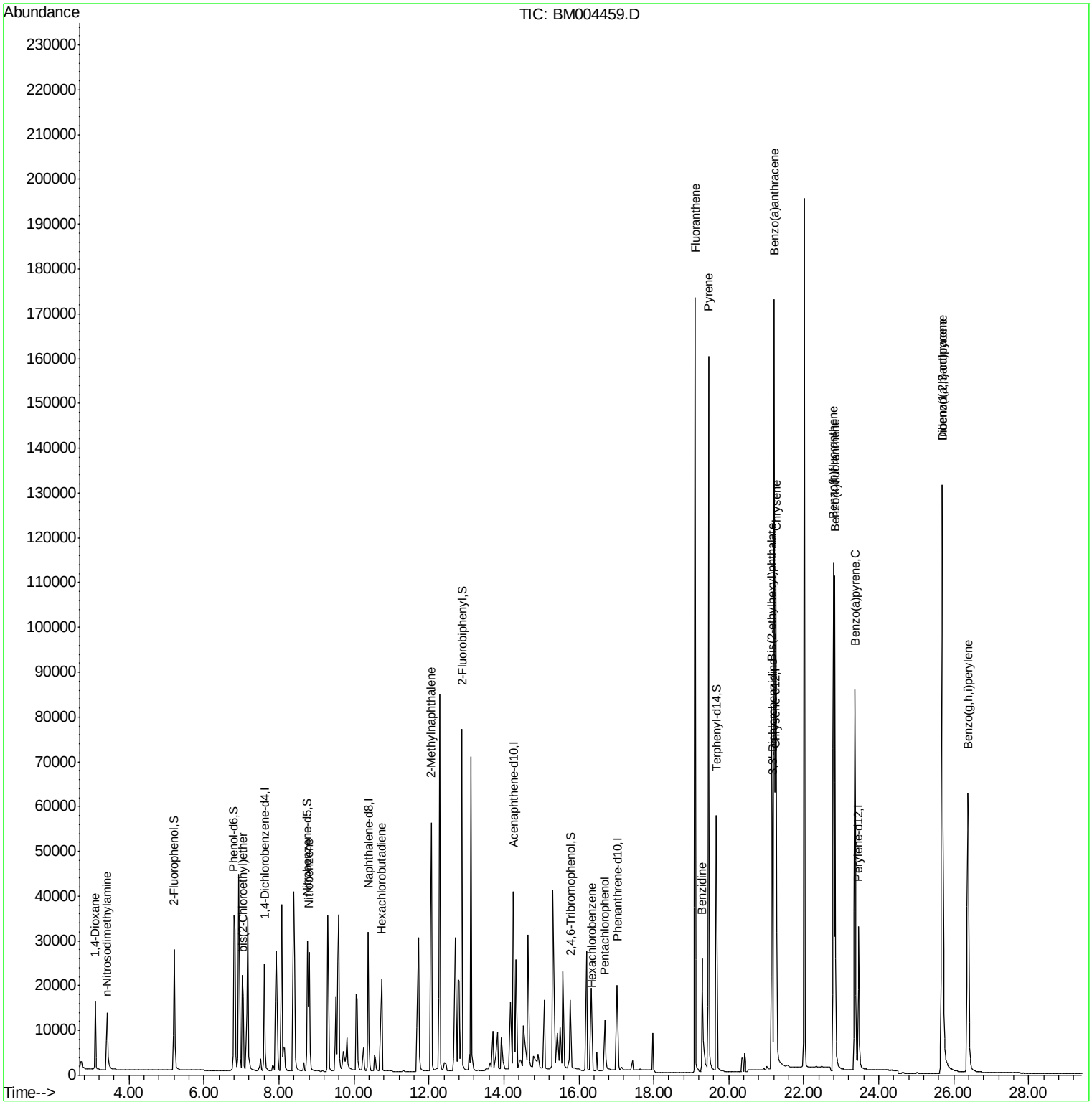
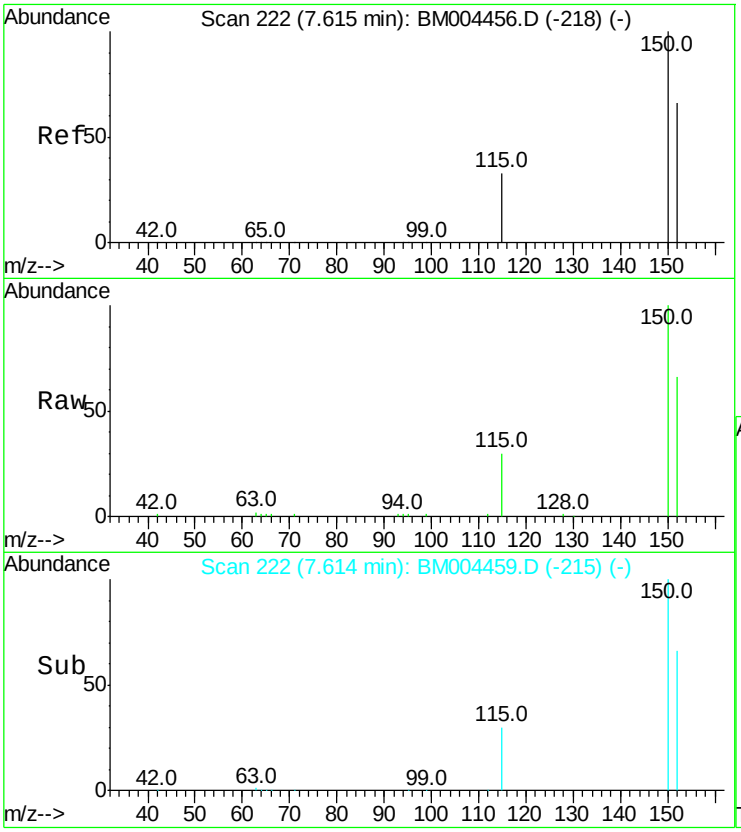
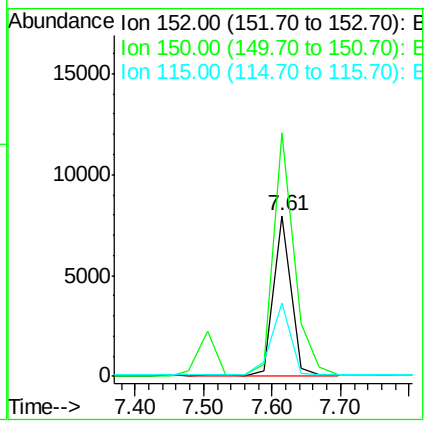




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:152 Resp: 13929

Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.9	185.9
115	45.4	40.6	61.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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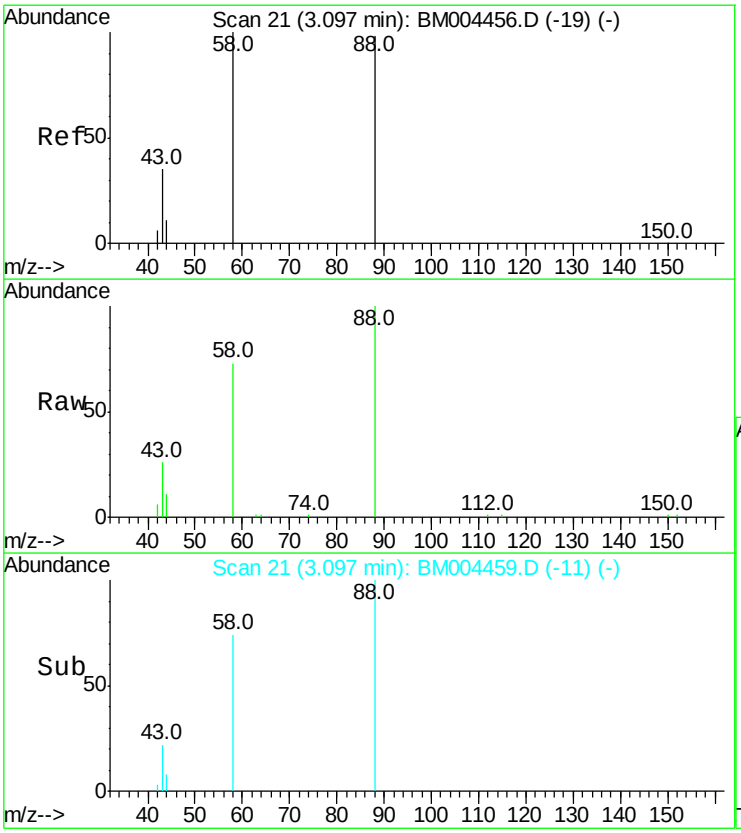
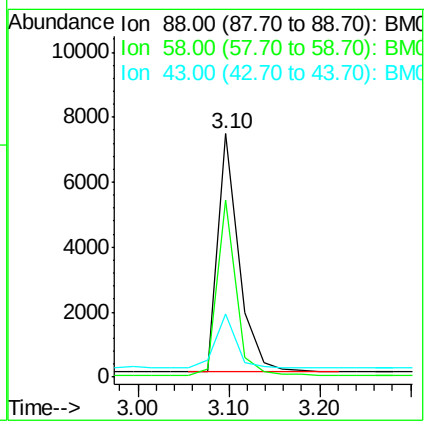
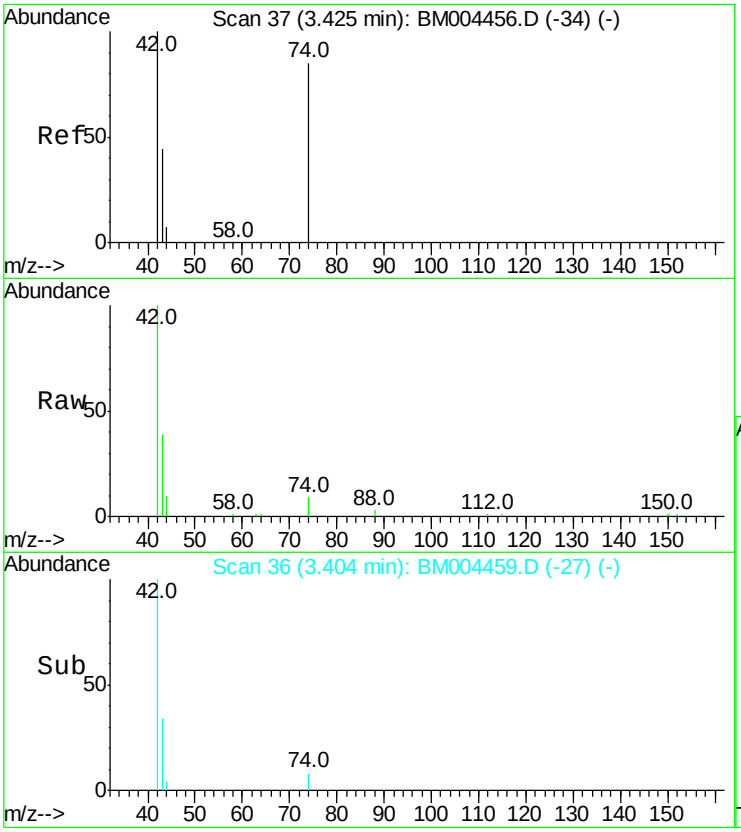


#2
1,4-Dioxane
Concen: 7.88 ng
RT: 3.10 min Scan# 21
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion: 88 Resp: 11776

Ion	Ratio	Lower	Upper
88	100		
58	66.2	58.5	87.7
43	22.5	22.2	33.2

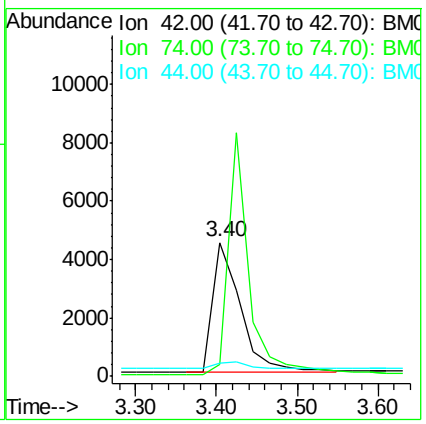




#3
n-Nitrosodimethylamine
Concen: 8.79 ng
RT: 3.40 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion: 42 Resp: 10647

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	5.8	8.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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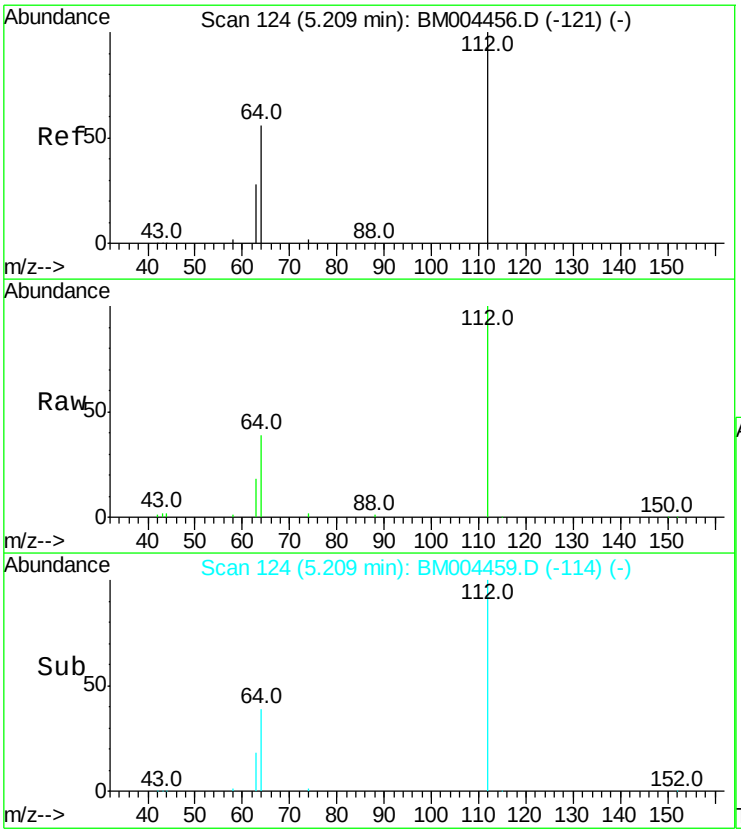
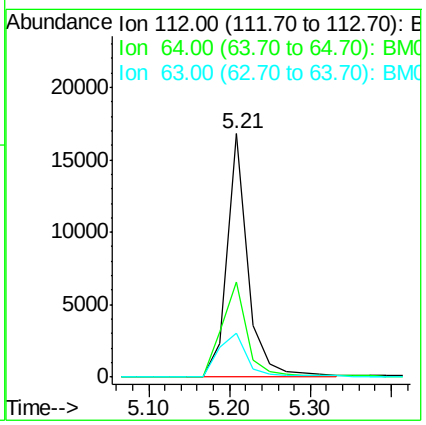
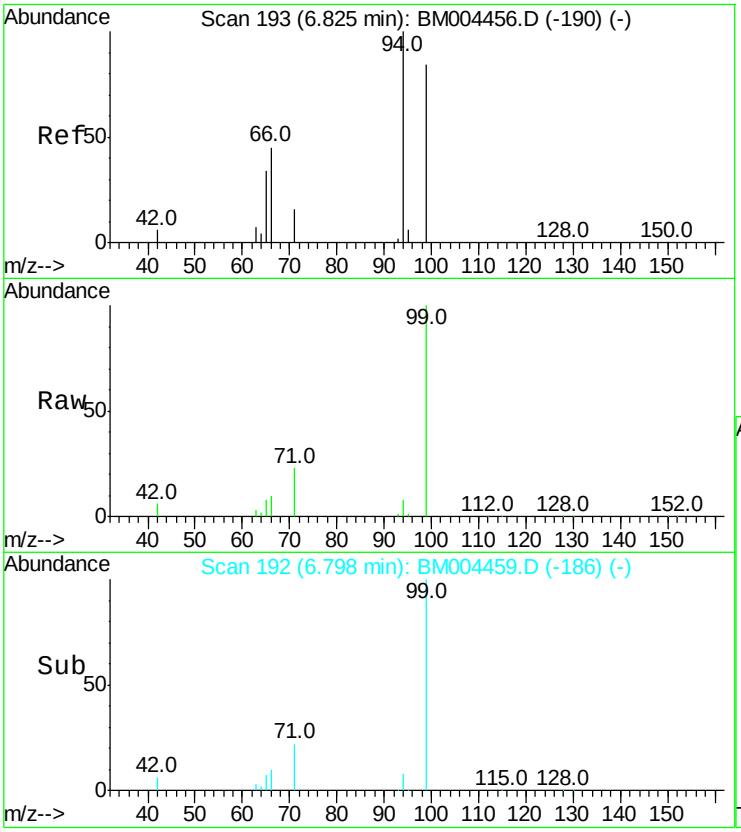


#4
2-Fluorophenol
Concen: 10.21 ng
RT: 5.21 min Scan# 124
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:112 Resp: 29718

Ion	Ratio	Lower	Upper
112	100		
64	47.3	39.4	59.2
63	24.1	19.9	29.9





#5
Phenol-d6
Concen: 11.77 ng
RT: 6.80 min Scan# 192
Delta R.T. -0.03 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion: 99 Resp: 40797

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	24.8	0.0	0.0#

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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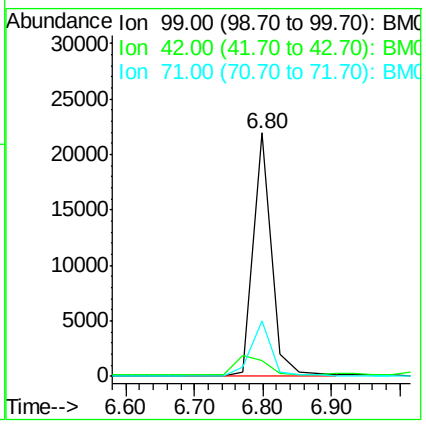
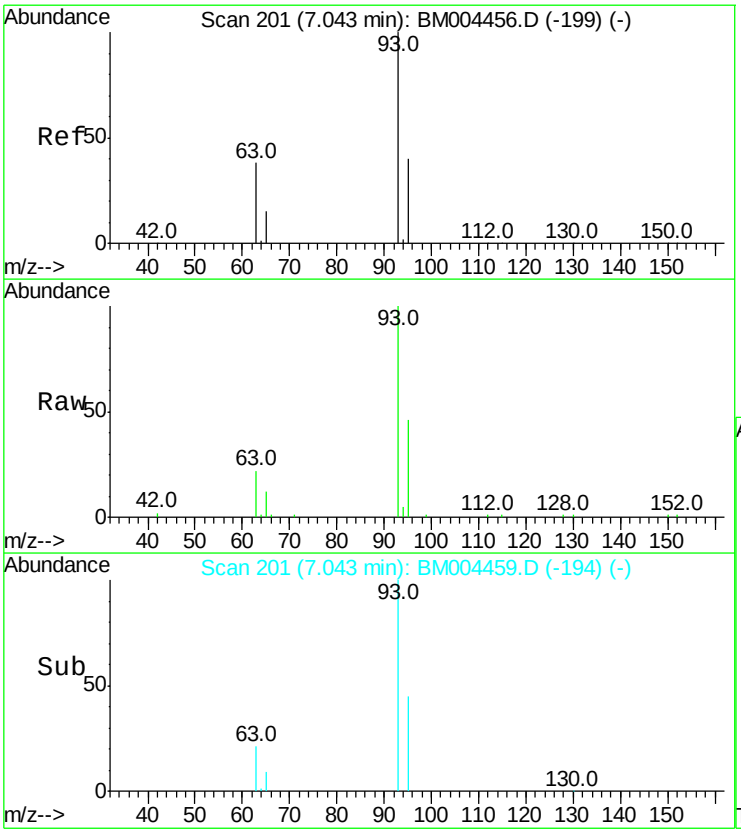
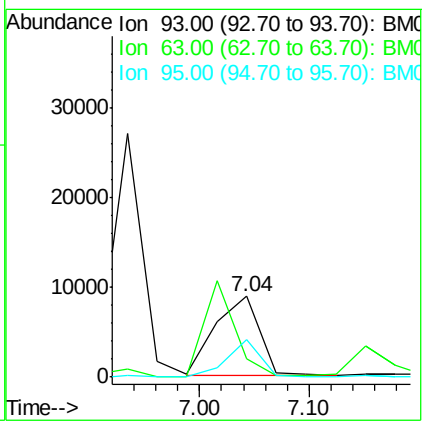


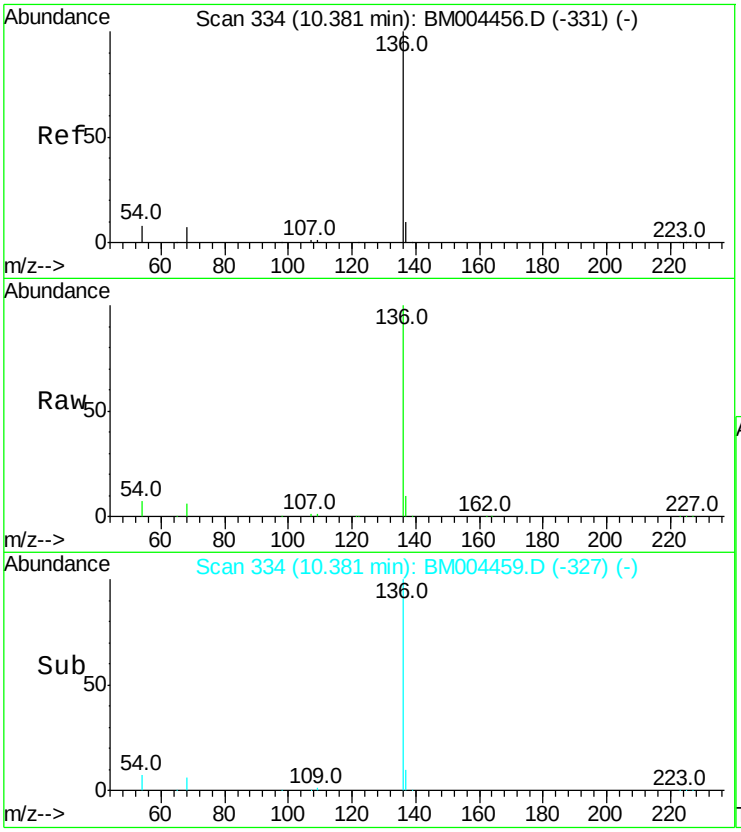


#6
bis(2-Chloroethyl)ether
Concen: 7.72 ng
RT: 7.04 min Scan# 201
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion: 93 Resp: 24617

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	35.4	27.1	40.7

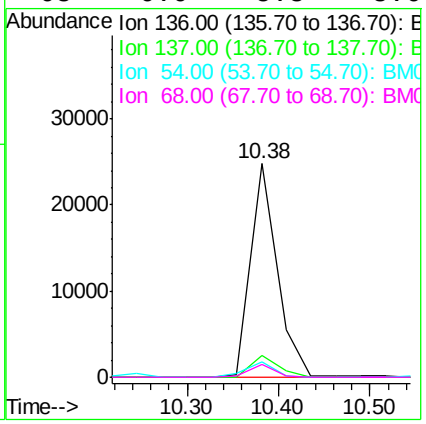




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:136 Resp: 49909

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.0	12.0
54	7.0	7.0	10.6#
68	6.0	5.8	8.6



Instrument :
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ClientSampleId :
SSTDICC010

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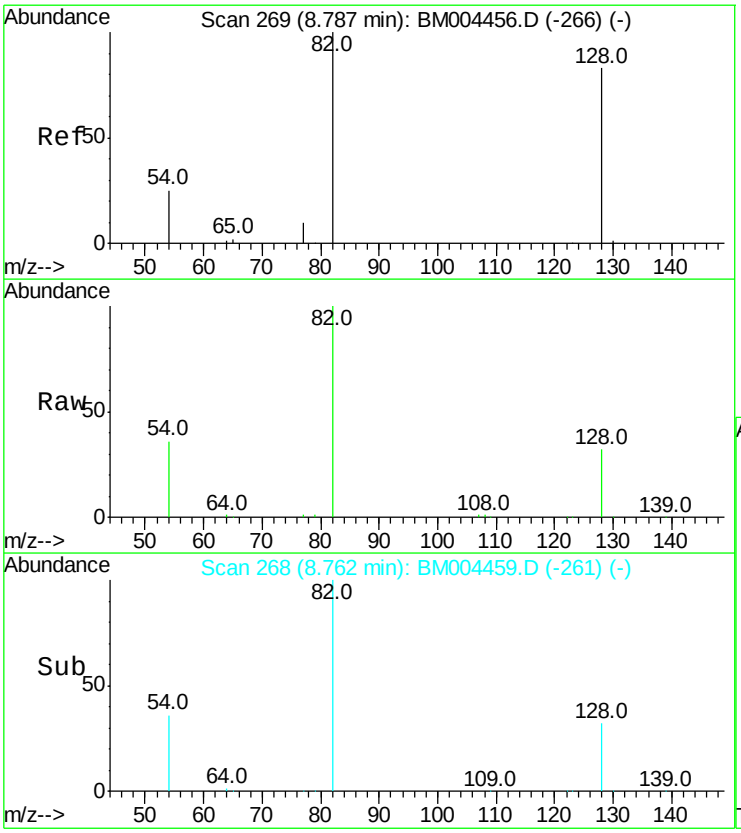
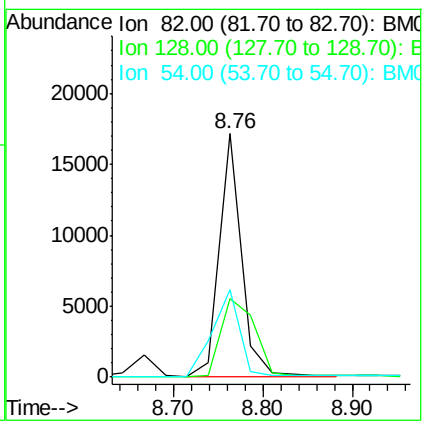
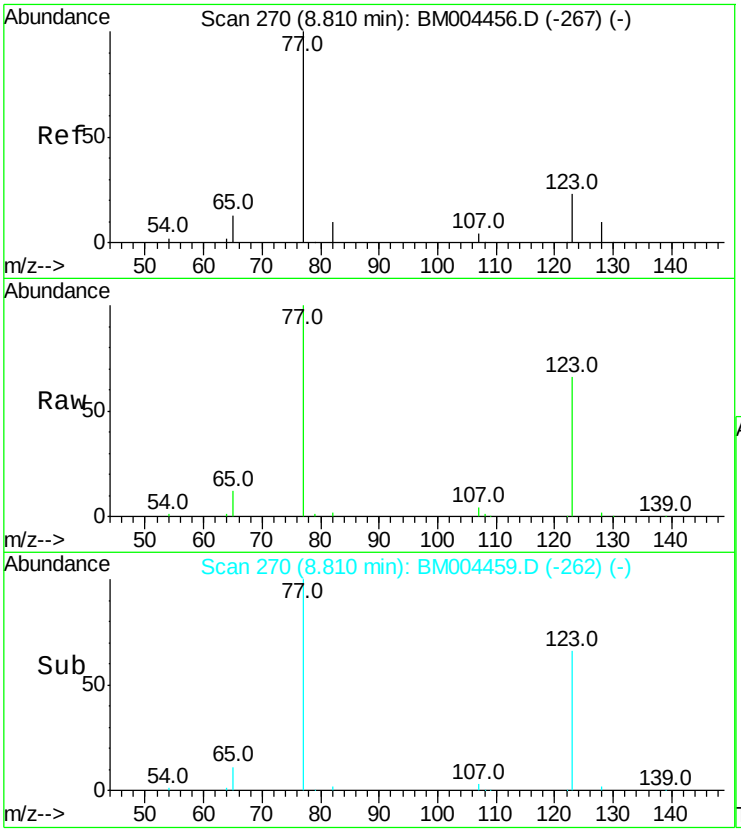


#8
Nitrobenzene-d5
Concen: 13.23 ng
RT: 8.76 min Scan# 268
Delta R.T. -0.02 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion: 82 Resp: 29654

Ion	Ratio	Lower	Upper
82	100		
128	32.2	67.0	100.6#
54	36.1	25.2	37.8

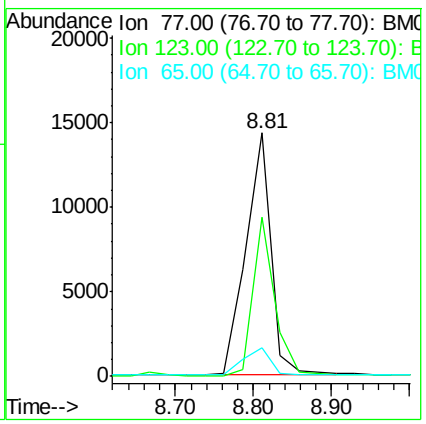




#9
Nitrobenzene
Concen: 12.35 ng
RT: 8.81 min Scan# 270
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion: 77 Resp: 31619

Ion	Ratio	Lower	Upper
77	100		
123	57.4	0.0	0.0#
65	12.7	10.1	15.1



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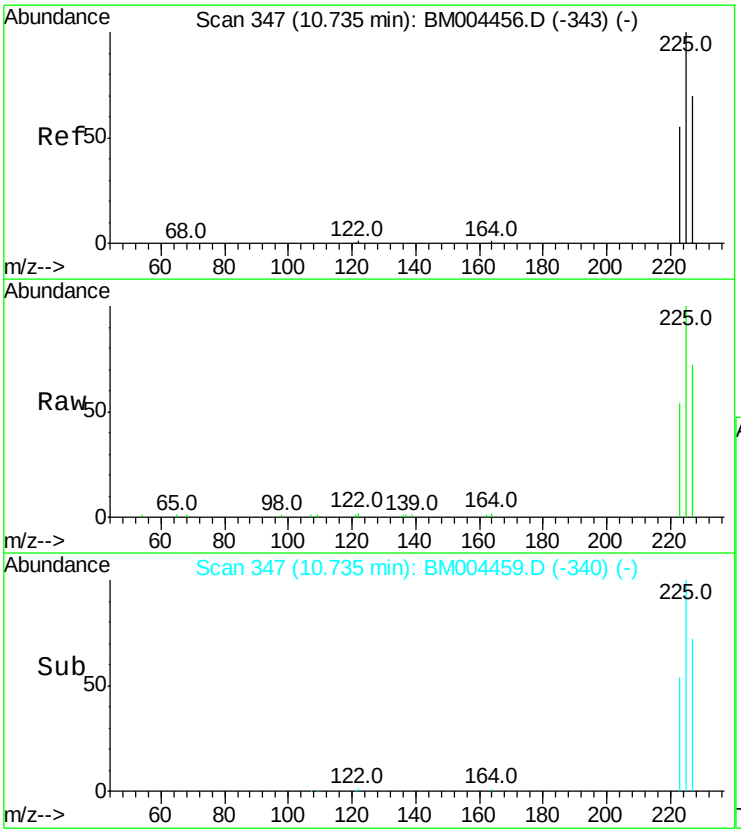
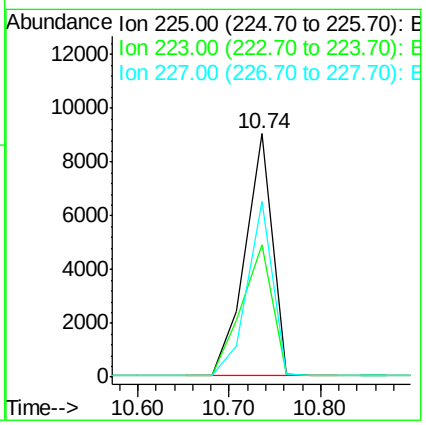
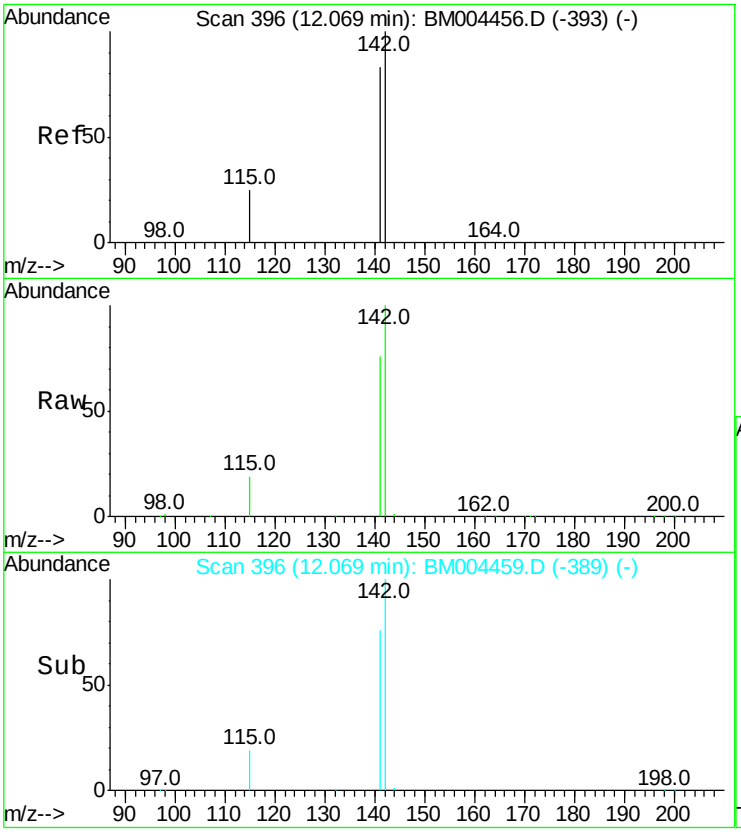


#10
Hexachlorobutadiene
Concen: 10.36 ng
RT: 10.74 min Scan# 347
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:225 Resp: 18842

Ion	Ratio	Lower	Upper
225	100		
223	60.3	48.4	72.6
227	66.8	52.8	79.2

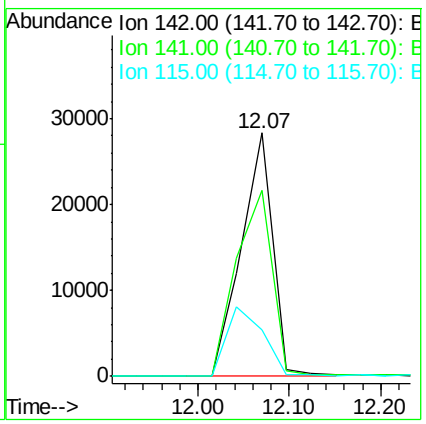




#11
2-Methylnaphthalene
Concen: 8.86 ng
RT: 12.07 min Scan# 396
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:142 Resp: 67210

Ion	Ratio	Lower	Upper
142	100		
141	76.4	66.4	99.6
115	19.1	21.6	32.4#



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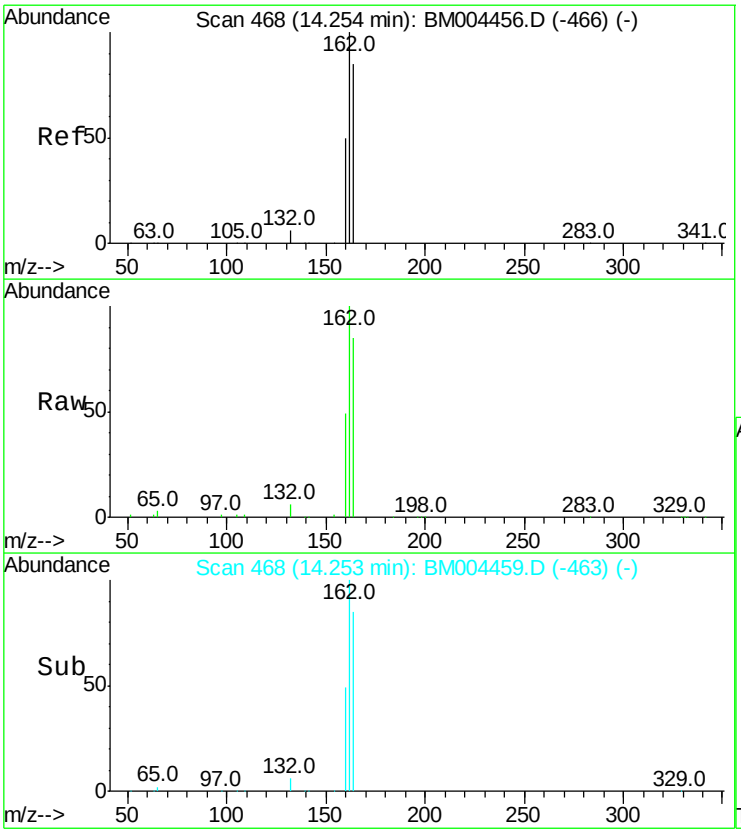
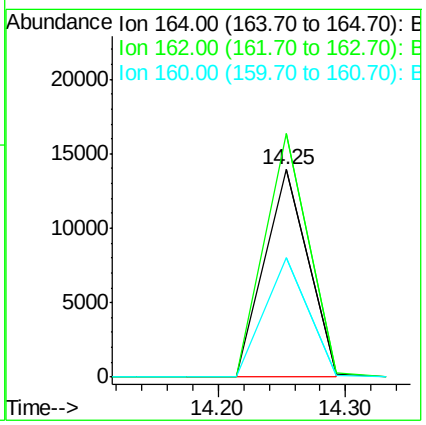
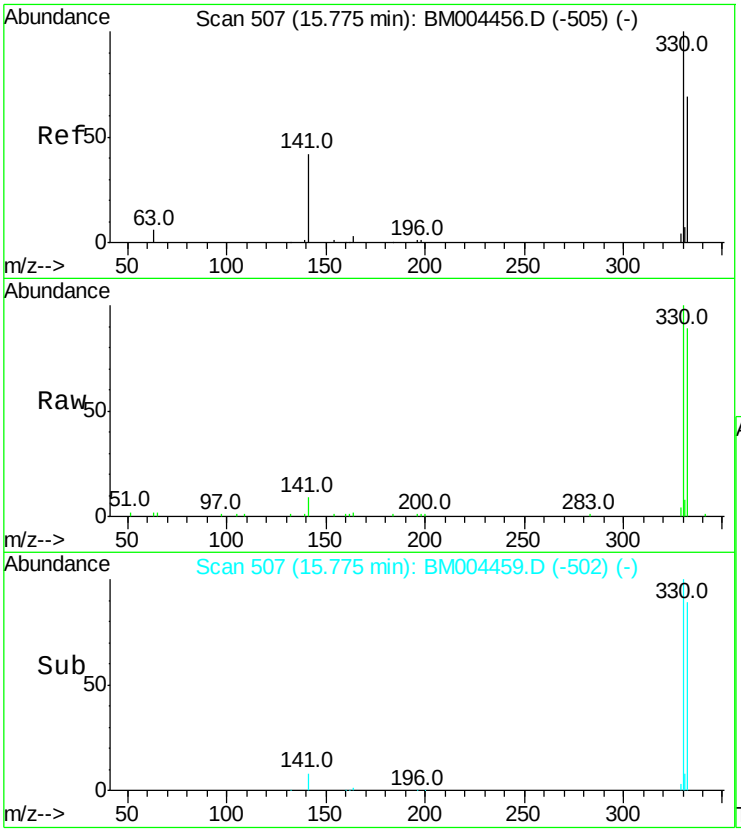


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:164 Resp: 32917

Ion	Ratio	Lower	Upper
164	100		
162	117.3	94.6	141.8
160	57.4	47.0	70.4

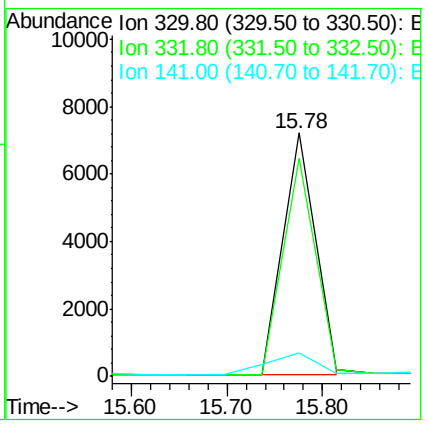




#13
2,4,6-Tribromophenol
Concen: 17.46 ng
RT: 15.78 min Scan# 507
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:330 Resp: 17123

Ion	Ratio	Lower	Upper
330	100		
332	89.8	59.2	88.8#
141	13.0	33.0	49.4#



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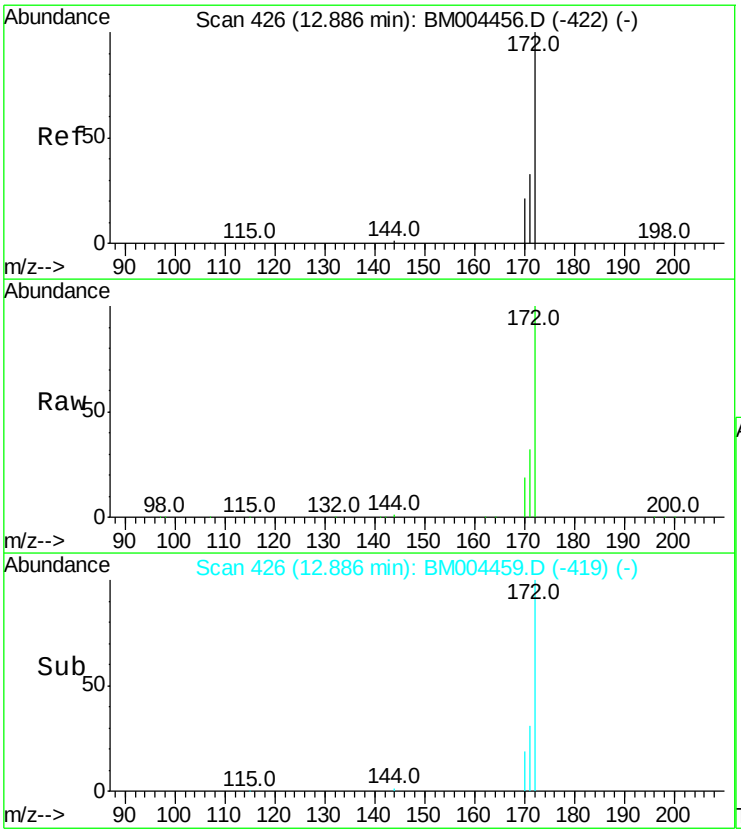
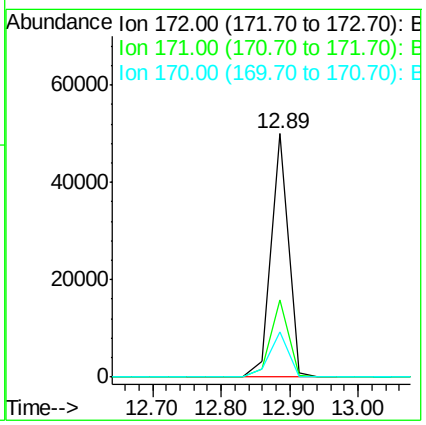
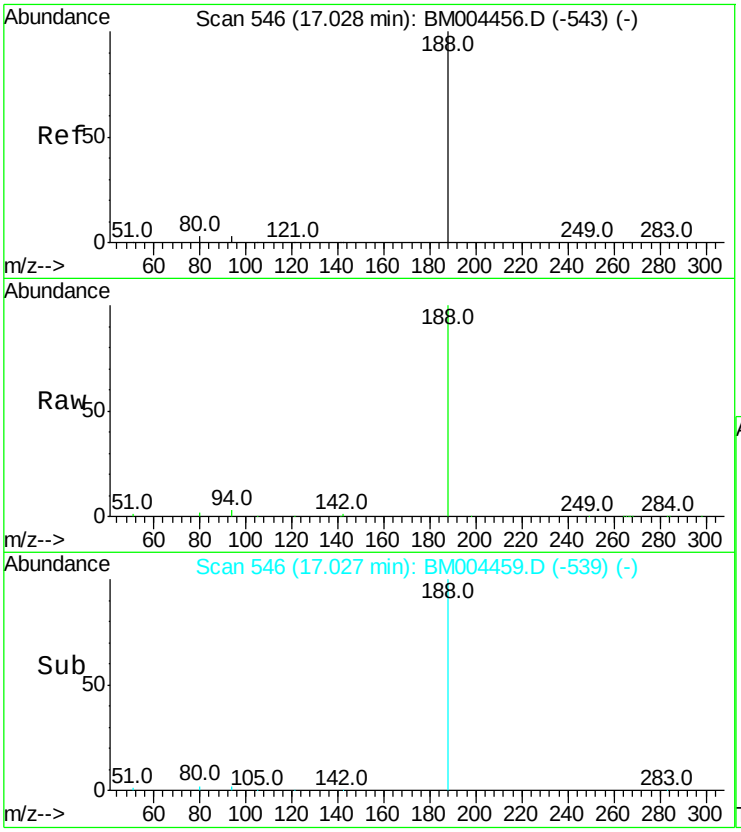


#14
2-Fluorobiphenyl
Concen: 8.78 ng
RT: 12.89 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:172 Resp: 88297

Ion	Ratio	Lower	Upper
172	100		
171	31.5	27.2	40.8
170	18.7	17.4	26.0

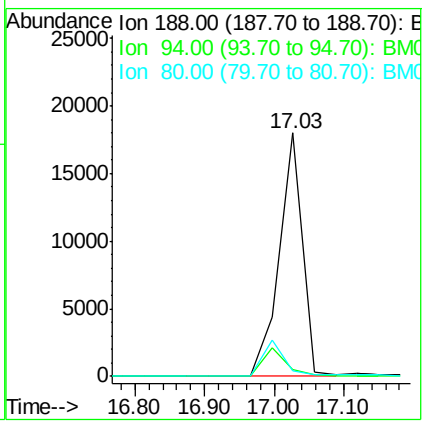




#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:188 Resp: 41538

Ion	Ratio	Lower	Upper
188	100		
94	2.8	2.7	4.1
80	2.3	2.2	3.4



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ClientSampleId :
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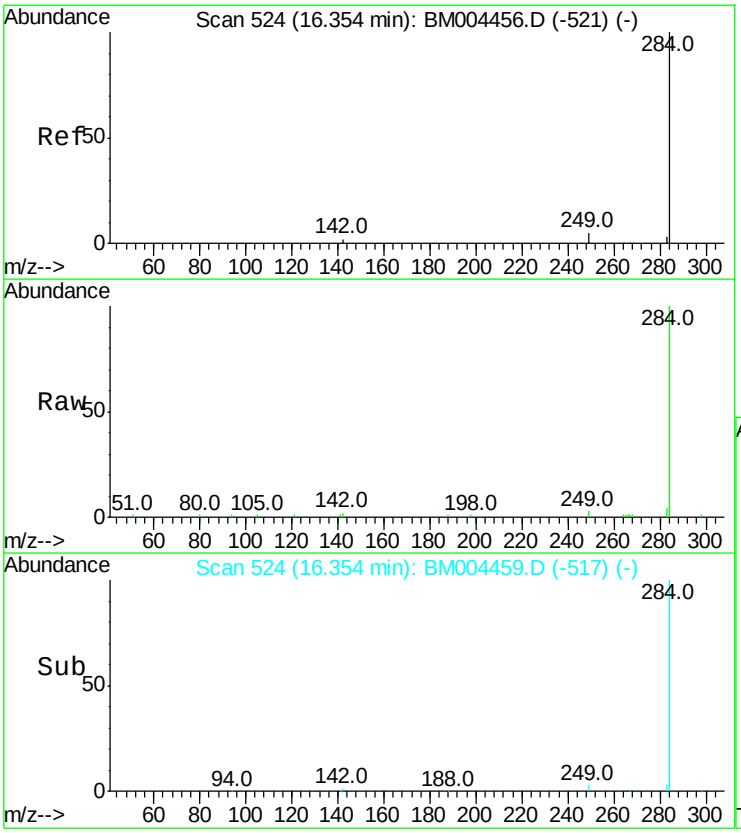
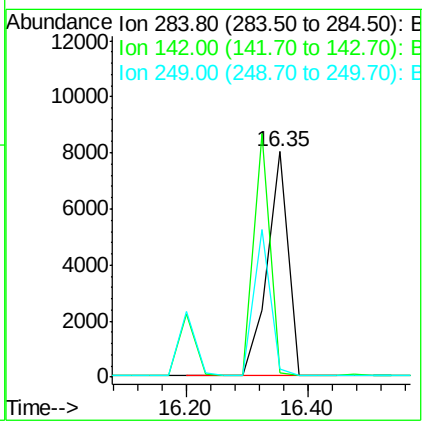
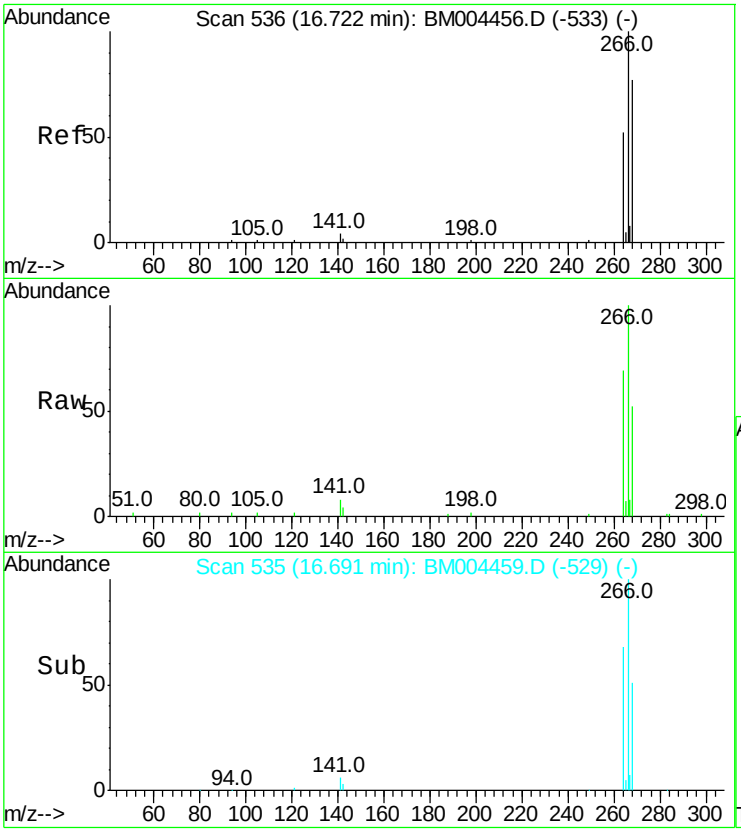


#16
Hexachlorobenzene
Concen: 12.67 ng
RT: 16.35 min Scan# 524
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:284 Resp: 19063

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

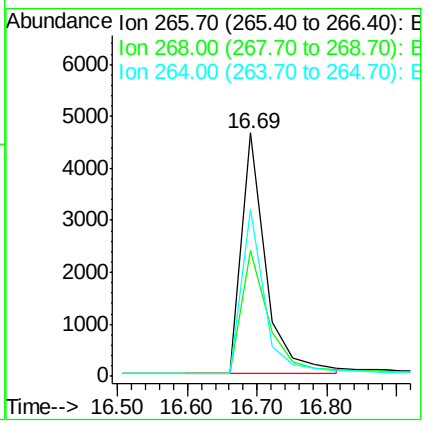




#17
Pentachlorophenol
Concen: 29.03 ng
RT: 16.69 min Scan# 535
Delta R.T. -0.03 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:266 Resp: 11423

Ion	Ratio	Lower	Upper
266	100		
268	51.5	66.8	100.2#
264	68.7	49.4	74.0



Instrument :
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ClientSampleId :
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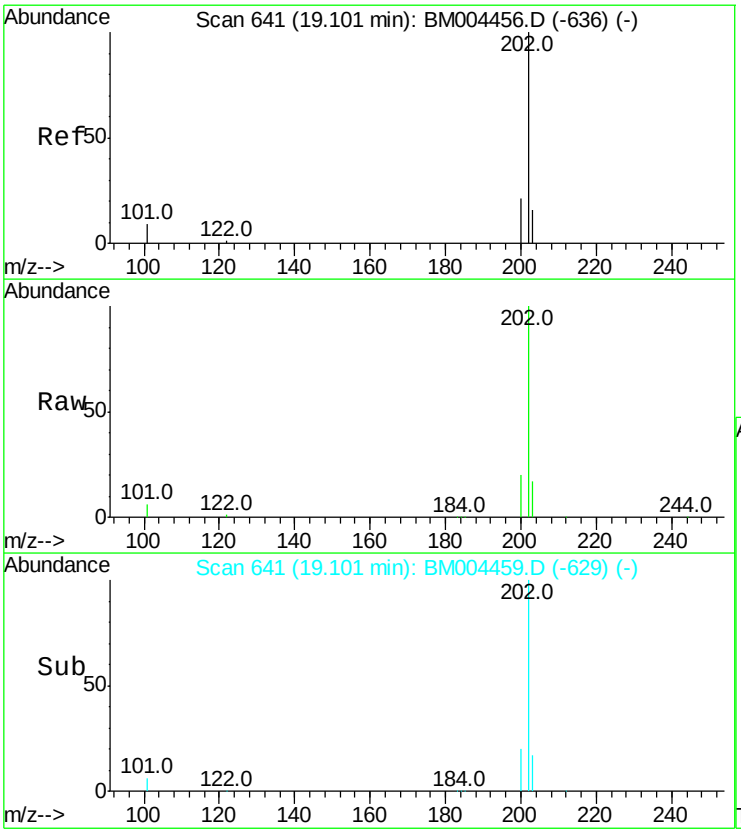
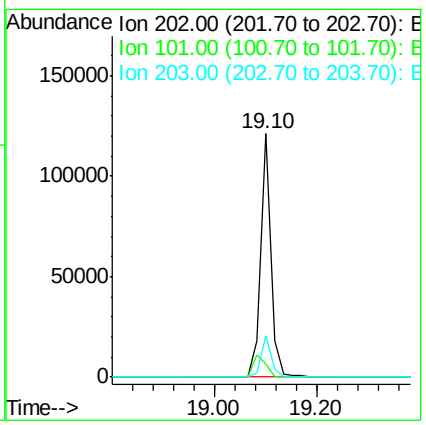
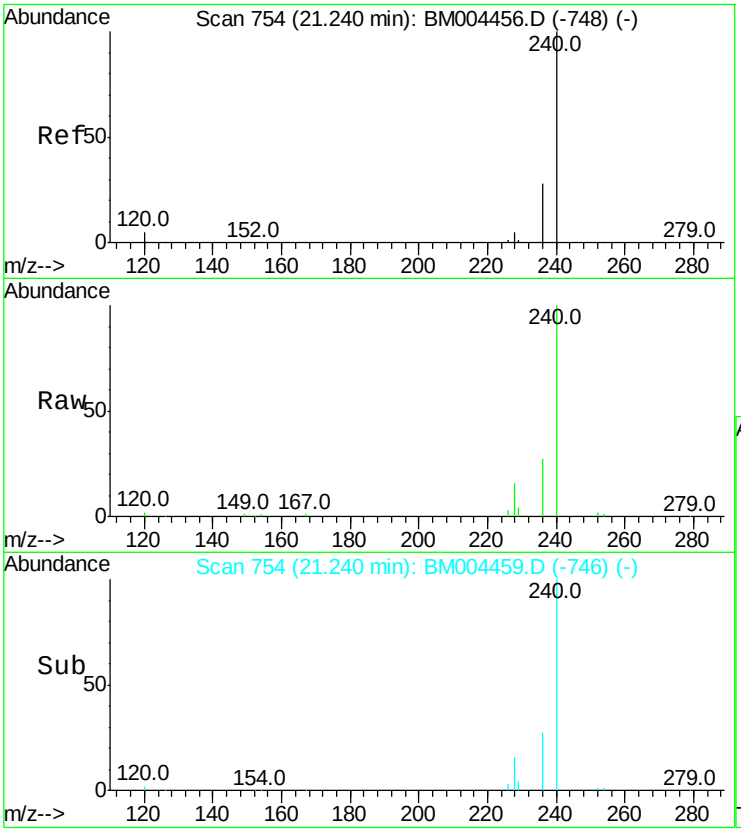


#18
Fluoranthene
Concen: 14.18 ng
RT: 19.10 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:202 Resp: 165697

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.0
203	17.1	13.9	20.9

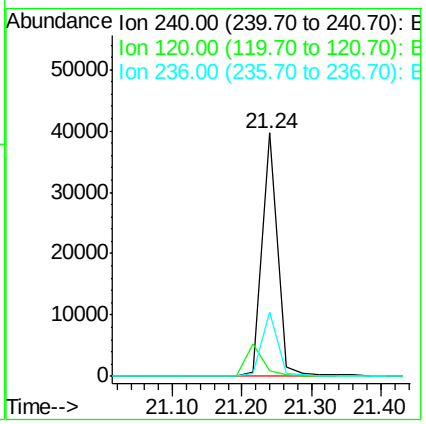




#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:240 Resp: 61076

Ion	Ratio	Lower	Upper
240	100		
120	2.3	4.0	6.0#
236	26.6	22.7	34.1



Instrument :
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ClientSampleId :
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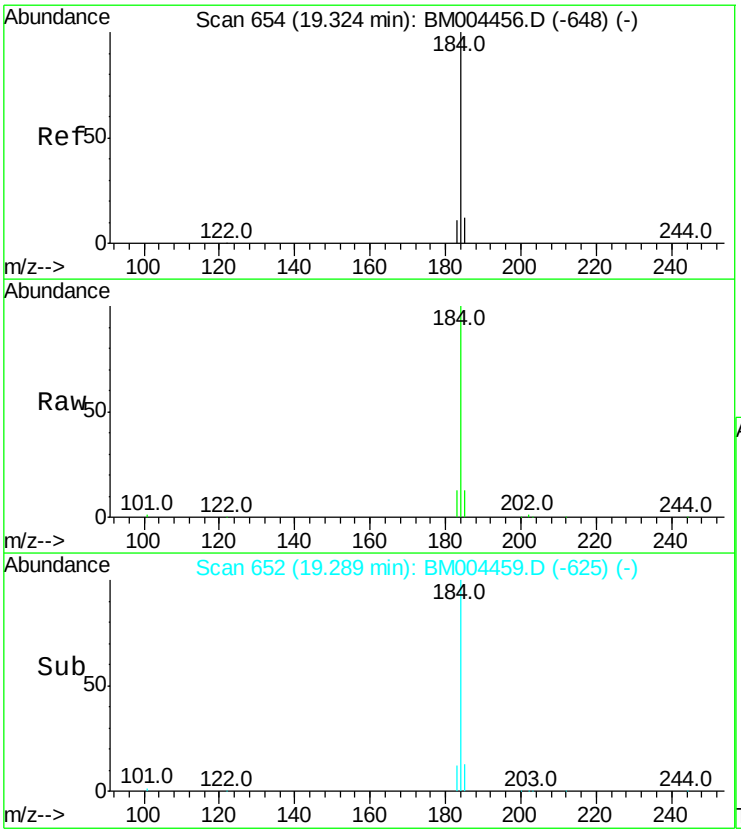
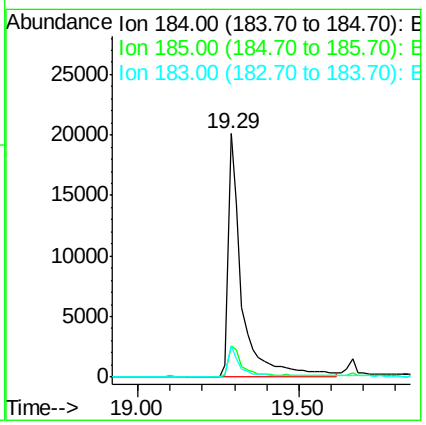
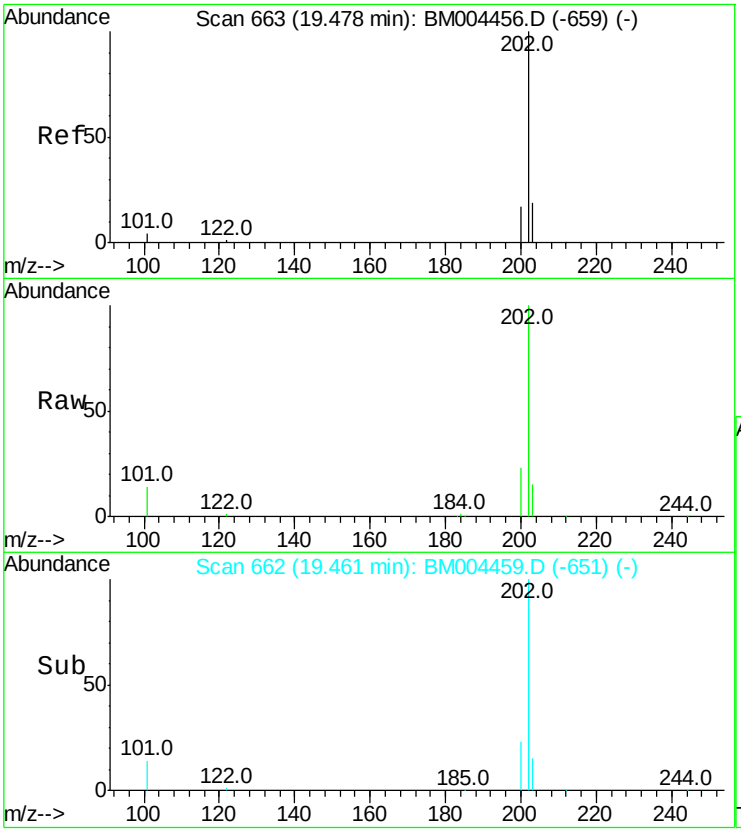


#20
Benzidine
Concen: 19.77 ng
RT: 19.29 min Scan# 652
Delta R.T. -0.03 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:184 Resp: 58256

Ion	Ratio	Lower	Upper
184	100		
185	13.0	20.8	31.2#
183	12.6	18.5	27.7#

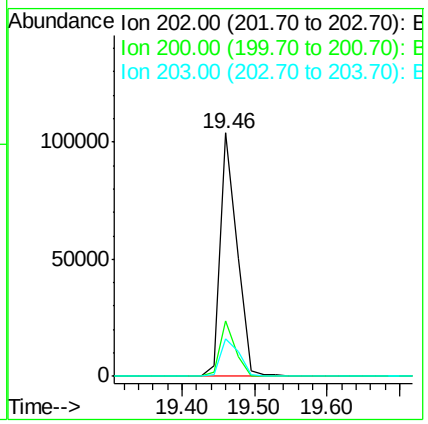




#21
Pyrene
Concen: 9.63 ng
RT: 19.46 min Scan# 662
Delta R.T. -0.02 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:202 Resp: 167721

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.2	13.9	20.9



Instrument :
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ClientSampleId :
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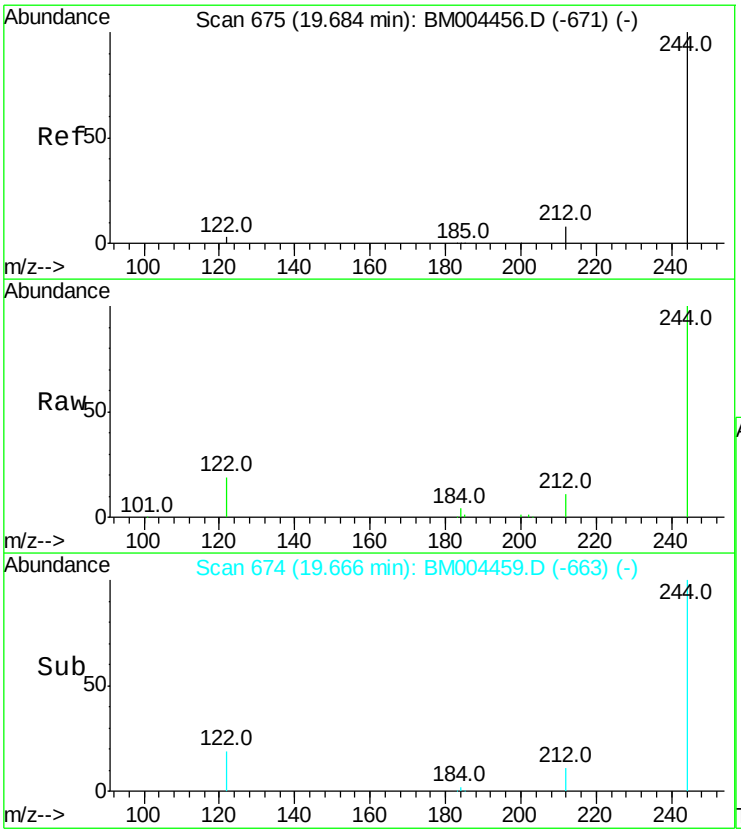
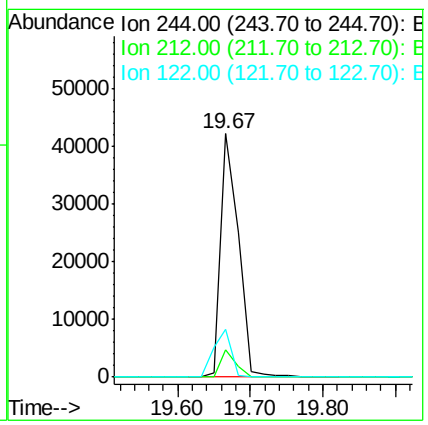
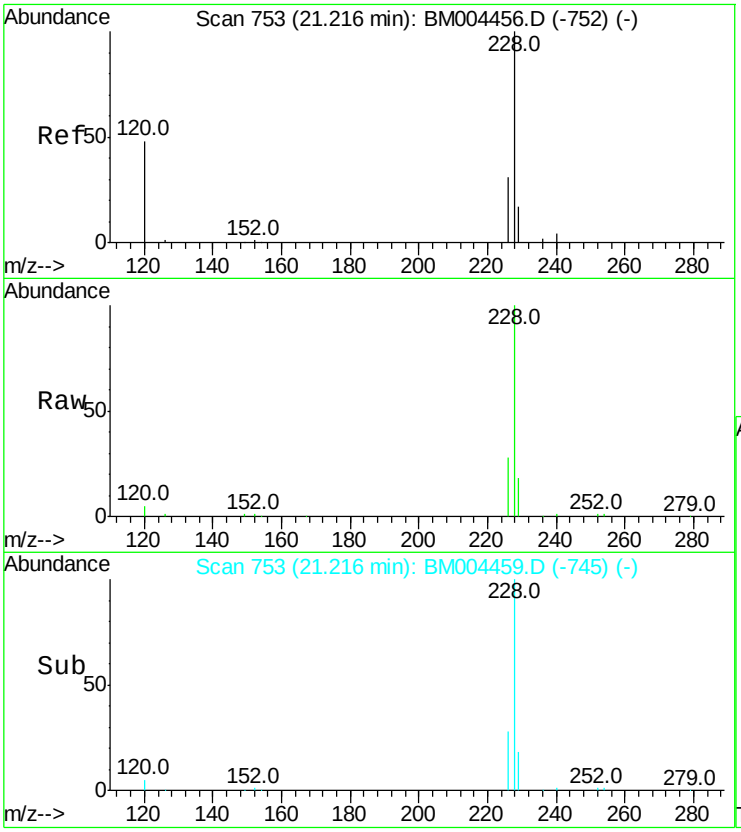


#22
Terphenyl-d14
Concen: 9.21 ng
RT: 19.67 min Scan# 674
Delta R.T. -0.02 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:244 Resp: 72099

Ion	Ratio	Lower	Upper
244	100		
212	11.1	7.4	11.2
122	19.5	4.2	6.2#

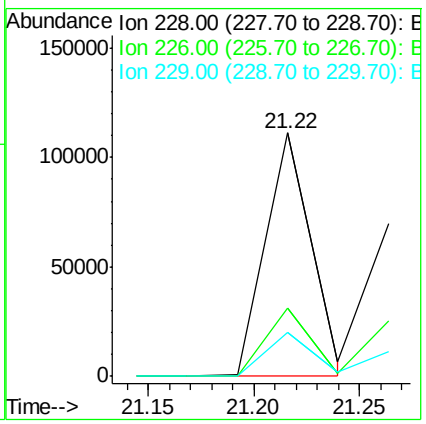




#23
Benzo(a)anthracene
Concen: 9.30 ng m
RT: 21.22 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:228 Resp: 169511

Ion	Ratio	Lower	Upper
228	100		
226	28.2	25.1	37.7
229	18.0	14.2	21.4



Instrument :
BNA_M
ClientSampleId :
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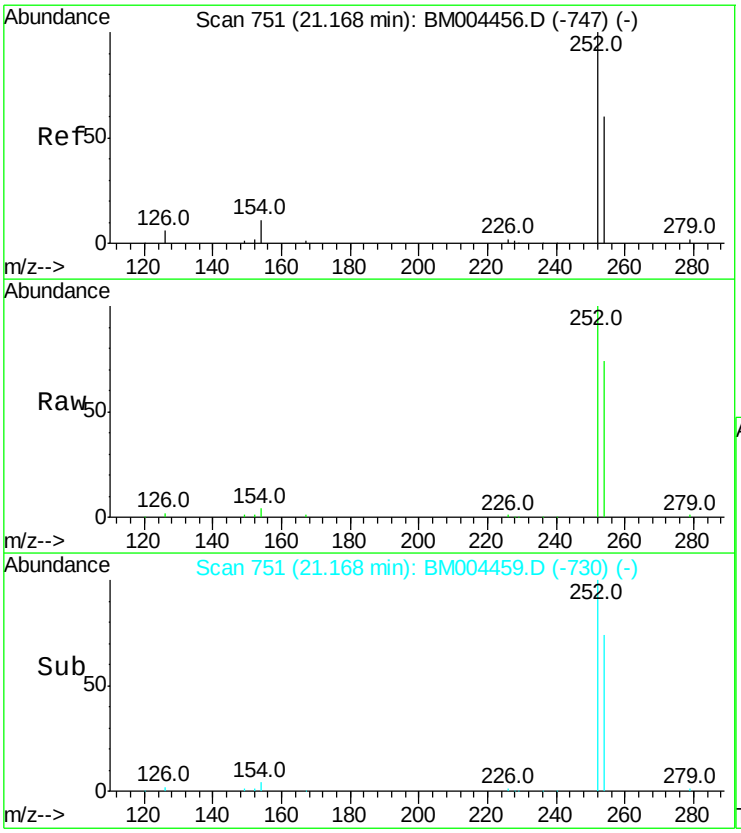
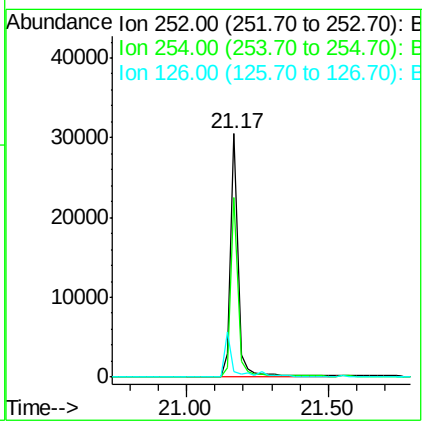
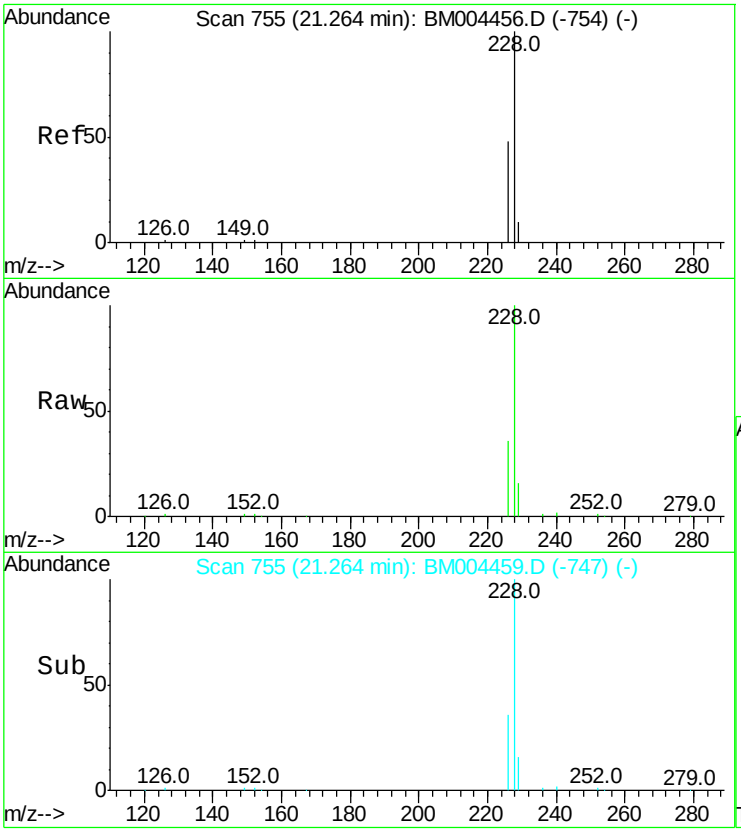


#24
3,3'-Dichlorobenzidine
Concen: 12.78 ng
RT: 21.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:252 Resp: 56535

Ion	Ratio	Lower	Upper
252	100		
254	73.8	48.7	73.1#
126	2.4	8.2	12.2#

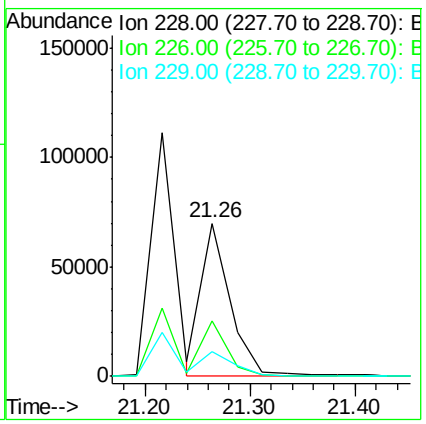




#25
Chrysene
Concen: 8.03 ng m
RT: 21.26 min Scan# 755
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:228 Resp: 135378

Ion	Ratio	Lower	Upper
228	100		
226	35.9	31.0	46.6
229	16.0	13.4	20.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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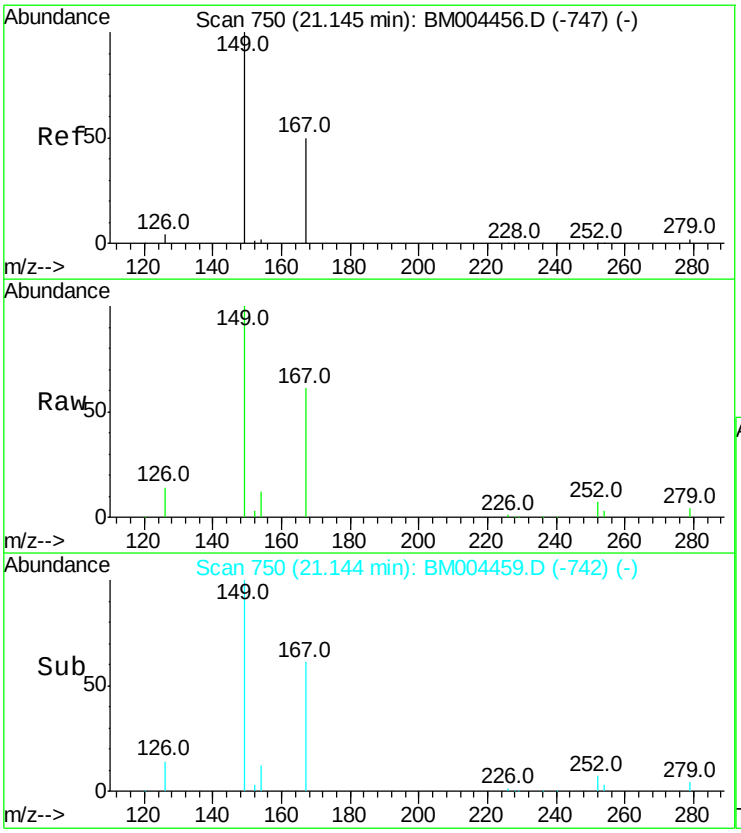
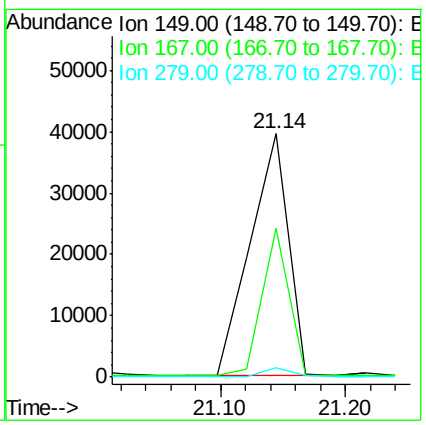
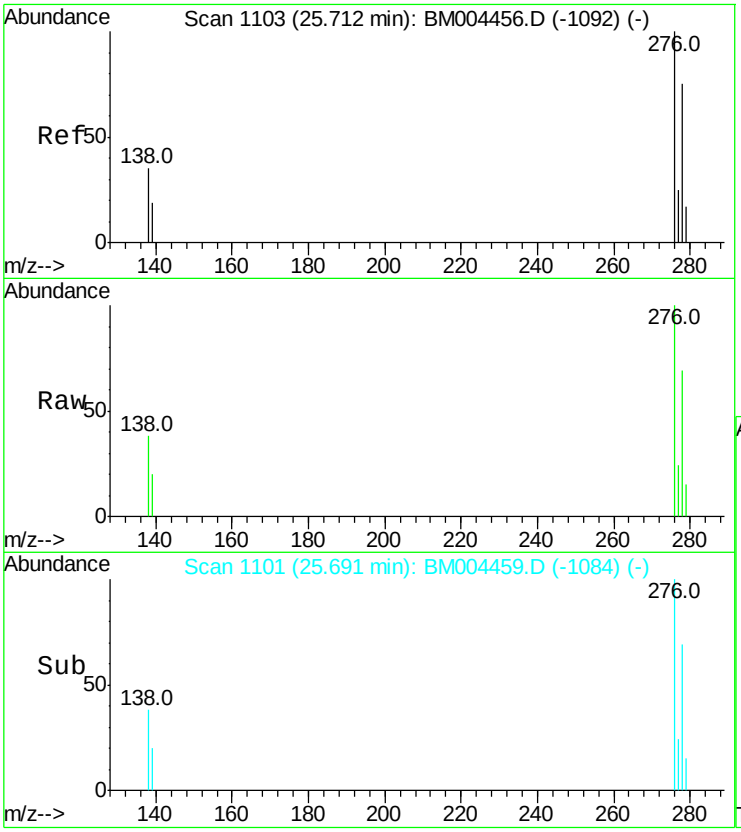


#26
Bis(2-ethylhexyl)phthalate
Concen: 10.85 ng
RT: 21.14 min Scan# 750
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:149 Resp: 84378

Ion	Ratio	Lower	Upper
149	100		
167	42.9	33.1	49.7
279	2.9	2.0	3.0

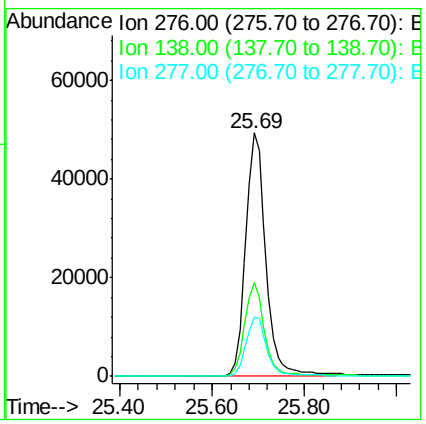




#27
Indeno(1,2,3-cd)pyrene
Concen: 8.50 ng
RT: 25.69 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:276 Resp: 149726

Ion	Ratio	Lower	Upper
276	100		
138	37.8	30.0	45.0
277	24.9	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
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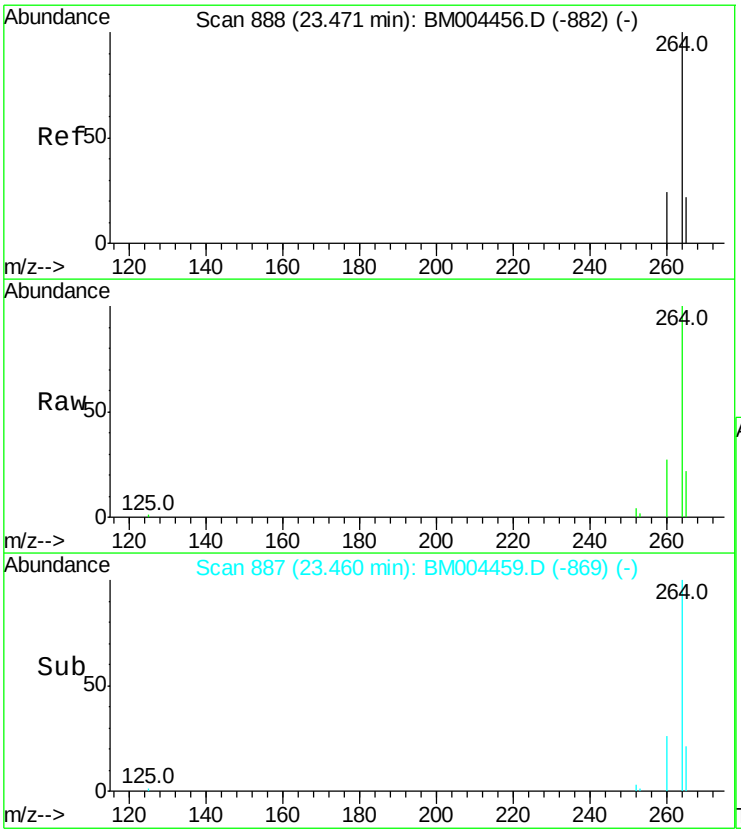
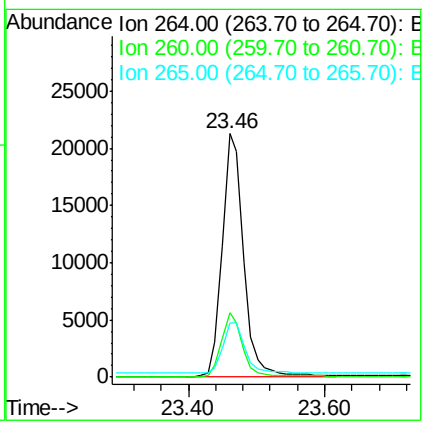
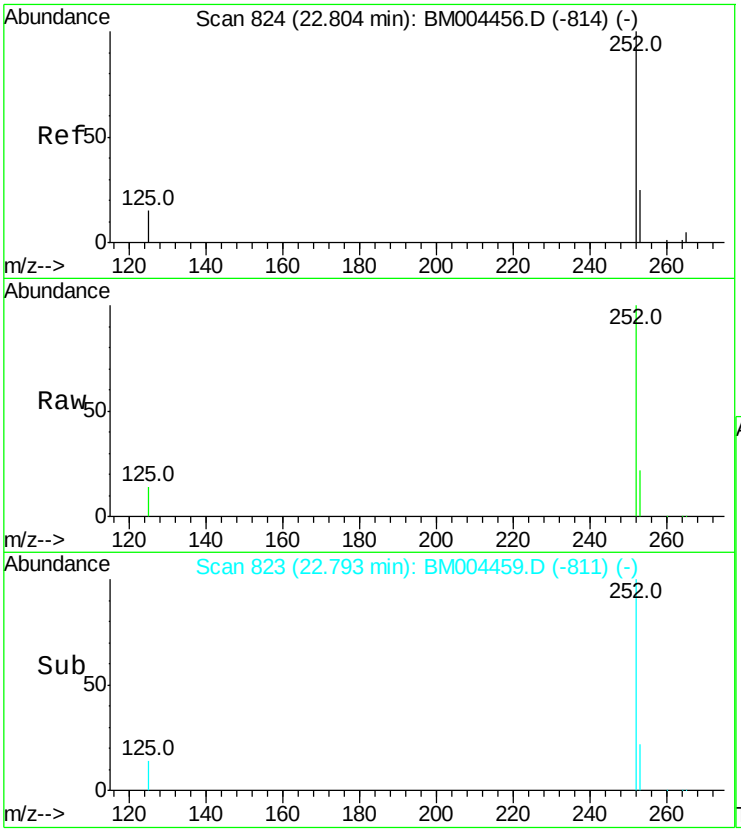


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:264 Resp: 45677

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.4	29.2
265	22.2	18.9	28.3

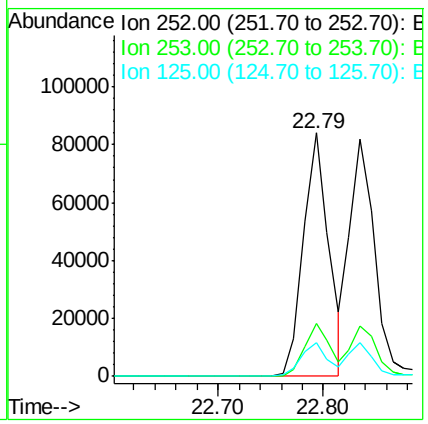




#29
Benzo(b)fluoranthene
Concen: 11.89 ng
RT: 22.79 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:252 Resp: 172068

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.8	29.6
125	13.7	12.2	18.2



Instrument :
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ClientSampleId :
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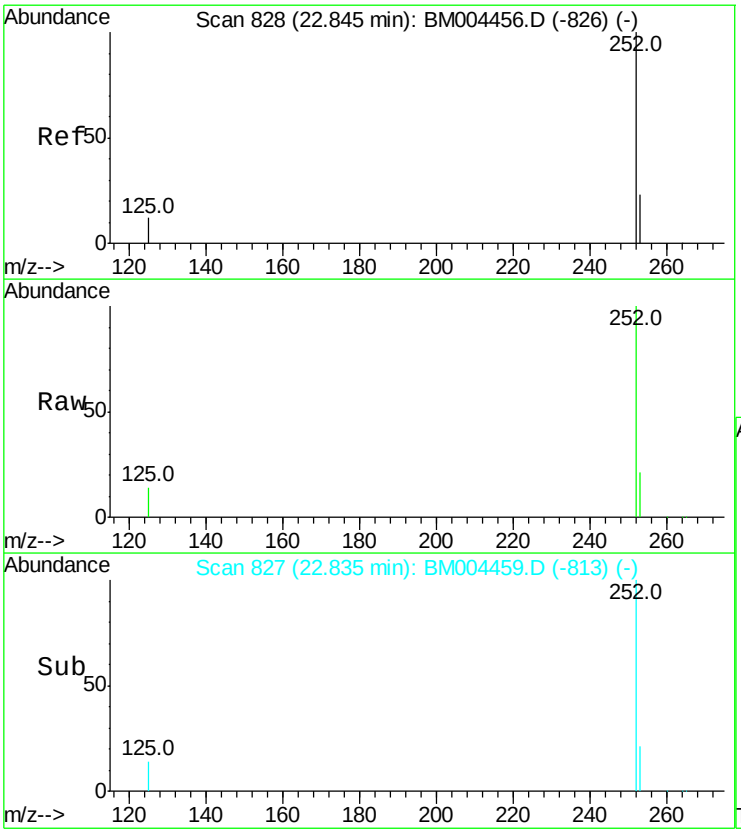
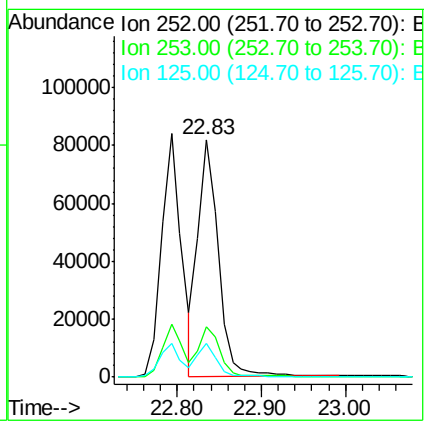
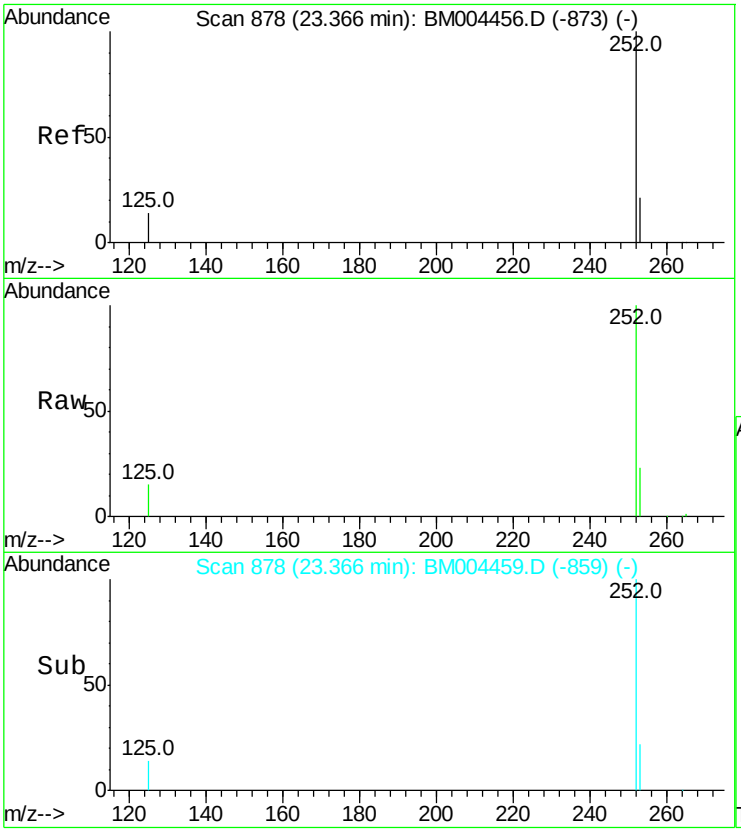


#30
Benzo(k)fluoranthene
Concen: 10.50 ng
RT: 22.83 min Scan# 827
Delta R.T. -0.01 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:252 Resp: 135673

Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.3	28.9
125	14.0	12.4	18.6

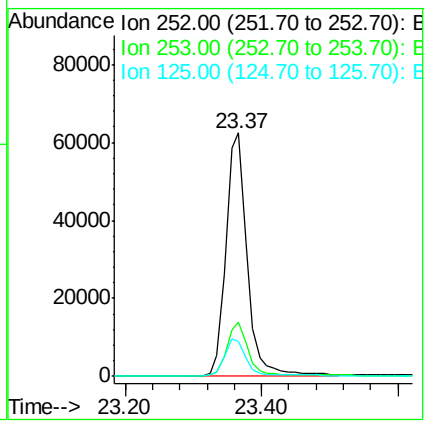




#31
Benzo(a)pyrene
Concen: 10.58 ng
RT: 23.37 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:252 Resp: 133054

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.3	28.9
125	14.6	14.4	21.6



Instrument :
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ClientSampleId :
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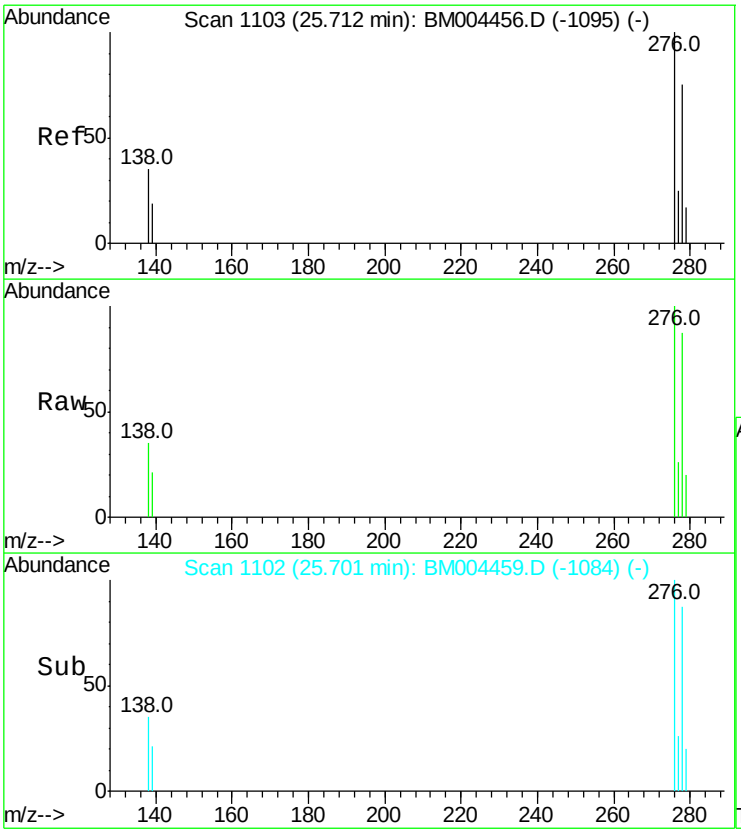
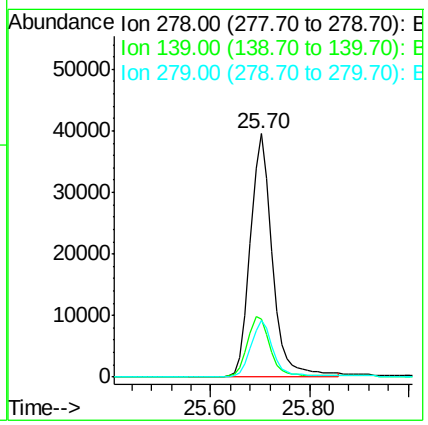
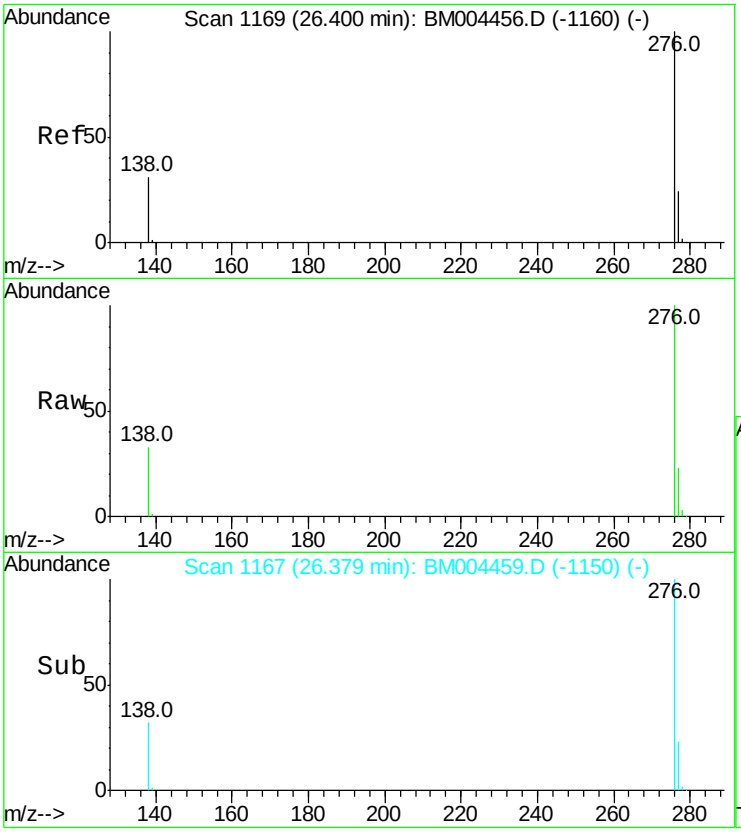


#32
Dibenzo(a,h)anthracene
Concen: 10.58 ng
RT: 25.70 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:278 Resp: 118700

Ion	Ratio	Lower	Upper
278	100		
139	24.0	22.3	33.5
279	23.3	20.7	31.1

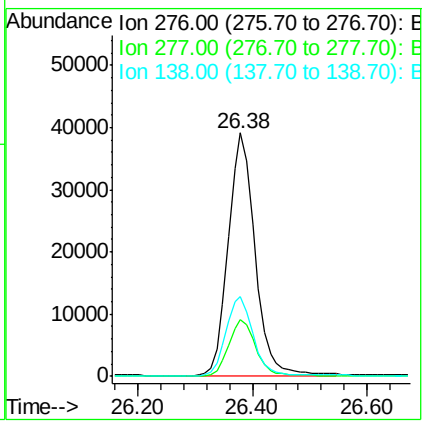




#33
Benzo(g,h,i)perylene
Concen: 10.32 ng
RT: 26.38 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BM004459.D
Acq: 28 Feb 2016 20:20

Tgt Ion:276 Resp: 126582

Ion	Ratio	Lower	Upper
276	100		
277	23.3	20.4	30.6
138	32.6	26.4	39.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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