Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004462.D
Acq On : 28 Feb 2016 23:21
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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2/29/2016 2:50:00 PM

Quant Time: Feb 29 06:41:25 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 05:57:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	14419	5.00	ng		0.00
7) Naphthalene-d8	10.38	136	50618	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	34235	5.00	ng		0.00
15) Phenanthrene-d10	17.03	188	47010	5.00	ng		0.00
19) Chrysene-d12	21.24	240	63677	5.00	ng		0.00
28) Perylene-d12	23.46	264	50561	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2629	0.83	ng		0.00
5) Phenol-d6	6.83	99	2792	0.78	ng		0.00
8) Nitrobenzene-d5	8.79	82	2200	0.79	ng		0.00
13) 2,4,6-Tribromophenol	15.78	330	808	0.67	ng		0.00
14) 2-Fluorobiphenyl	12.89	172	8665	0.83	ng		0.00
22) Terphenyl-d14	19.68	244	7096	0.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1122	0.93	ng		96
3) n-Nitrosodimethylamine	3.43	42	957	0.89	ng	#	96
6) bis(2-Chloroethyl)ether	7.04	93	2595	0.91	ng	#	99
9) Nitrobenzene	8.81	77	2530	0.82	ng	#	100
10) Hexachlorobutadiene	10.74	225	1784	0.86	ng		100
11) 2-Methylnaphthalene	12.07	142	7052	0.91	ng		96
16) Hexachlorobenzene	16.35	284	2363	0.97	ng	#	100
17) Pentachlorophenol	16.72	266	578m	0.78	ng		
18) Fluoranthene	19.10	202	15950	0.86	ng		99
20) Benzidine	19.32	184	4260	1.11	ng	#	90
21) Pyrene	19.48	202	16417	0.87	ng		100
23) Benzo(a)anthracene	21.22	228	15565m	0.86	ng		
24) 3,3'-Dichlorobenzidine	21.17	252	5930	0.95	ng		100
25) Chrysene	21.26	228	16138m	0.76	ng		
26) Bis(2-ethylhexyl)phthalate	21.14	149	7197	0.62	ng	#	97
27) Indeno(1,2,3-cd)pyrene	25.70	276	14232	0.86	ng		99
29) Benzo(b)fluoranthene	22.79	252	14428	0.76	ng		97
30) Benzo(k)fluoranthene	22.85	252	14697	0.89	ng		99
31) Benzo(a)pyrene	23.37	252	13058	0.88	ng		99
32) Dibenzo(a,h)anthracene	25.71	278	11029	0.83	ng		99
33) Benzo(g,h,i)perylene	26.39	276	12354	0.85	ng		97

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

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ClientSampleId :
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Manual Integrations APPROVED
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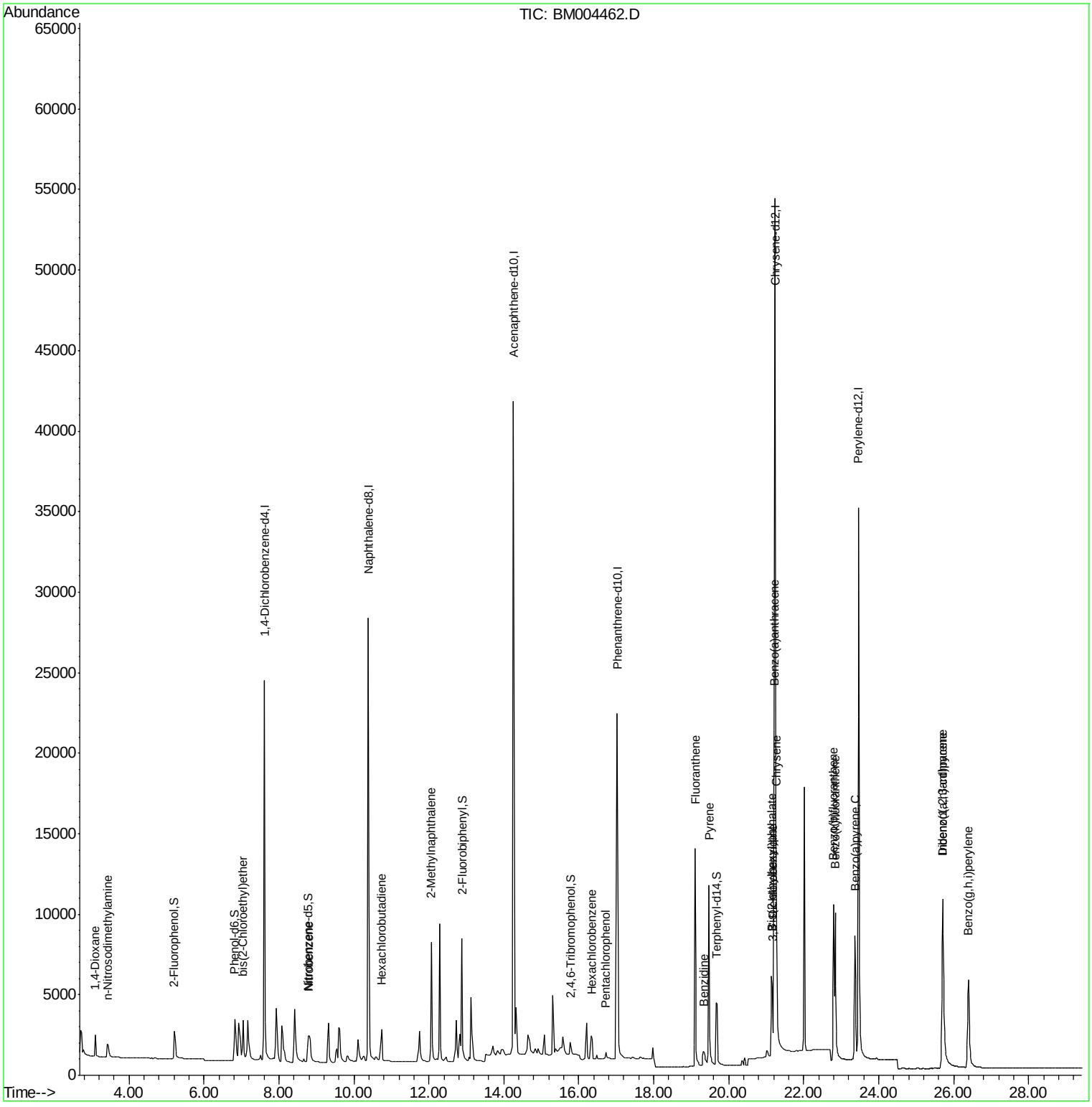
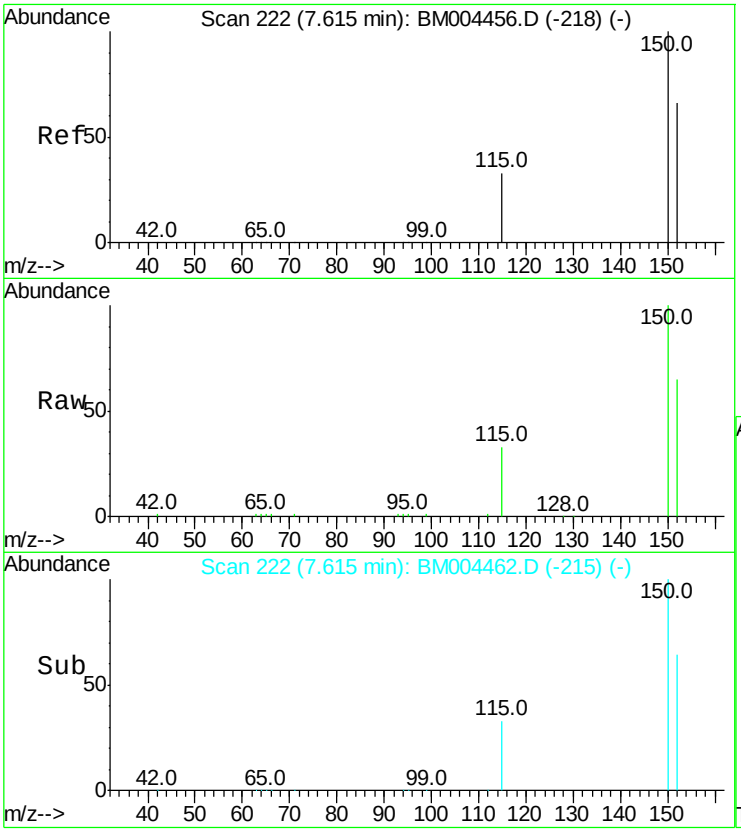
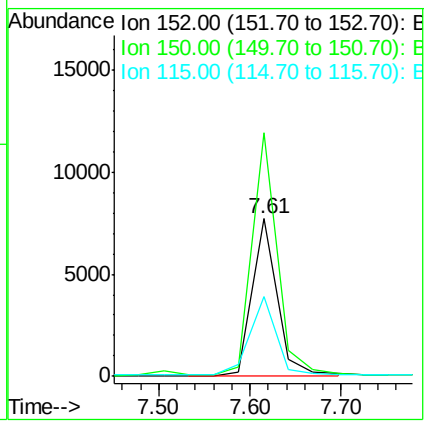




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:152 Resp: 14419

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.9	185.9
115	50.9	40.6	61.0



Instrument :
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ClientSampleId :
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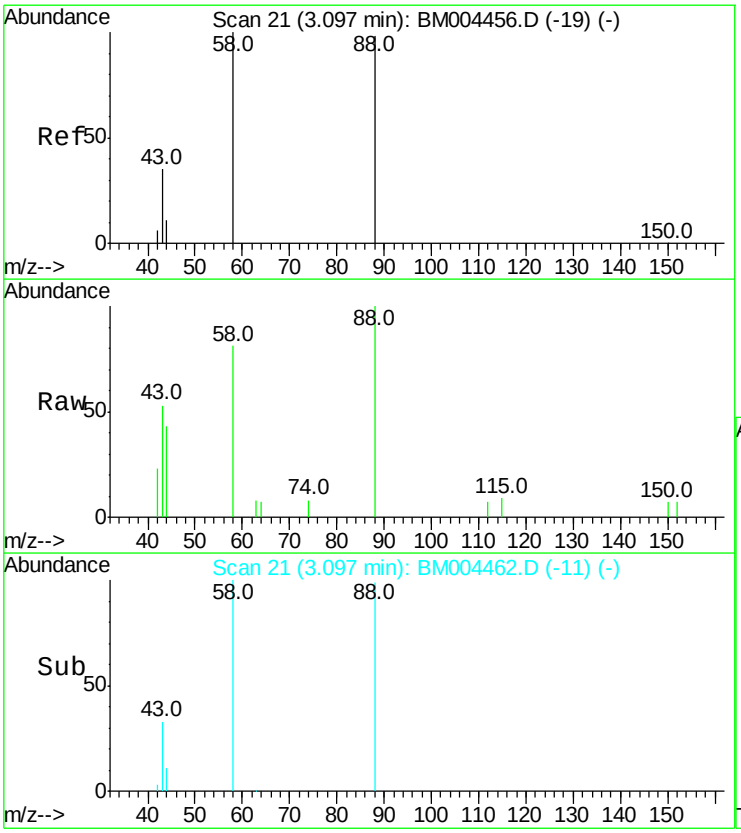
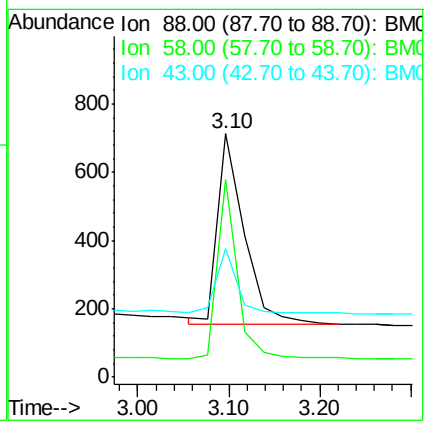
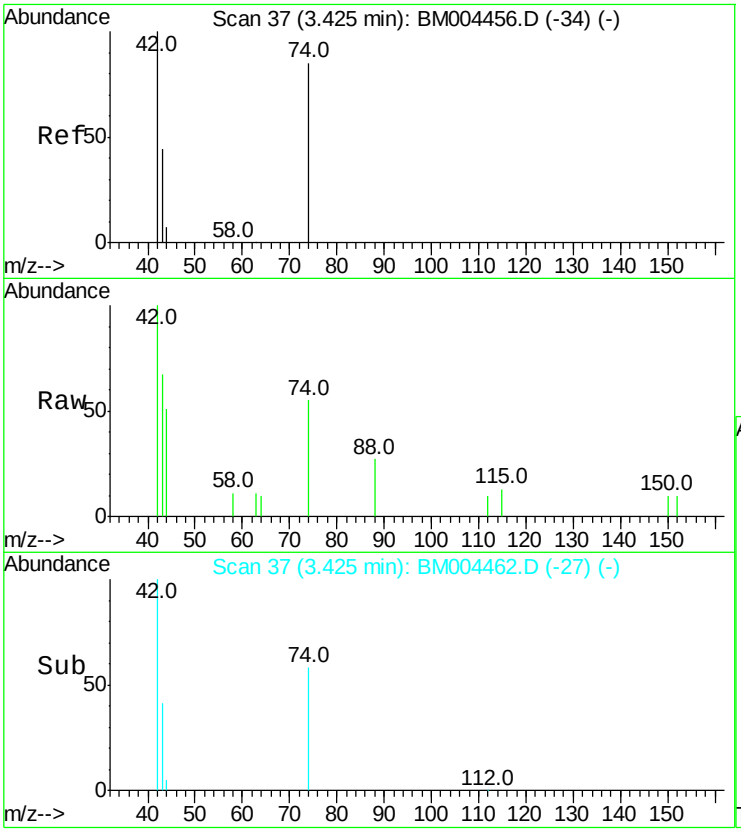


#2
1,4-Dioxane
Concen: 0.93 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion: 88 Resp: 1122

Ion	Ratio	Lower	Upper
88	100		
58	70.1	58.5	87.7
43	25.7	22.2	33.2

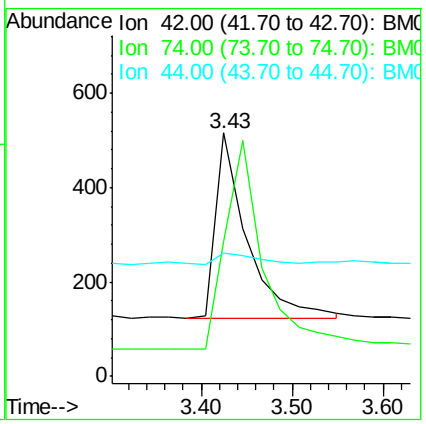




#3
n-Nitrosodimethylamine
Concen: 0.89 ng
RT: 3.43 min Scan# 37
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion: 42 Resp: 957

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	8.5	5.8	8.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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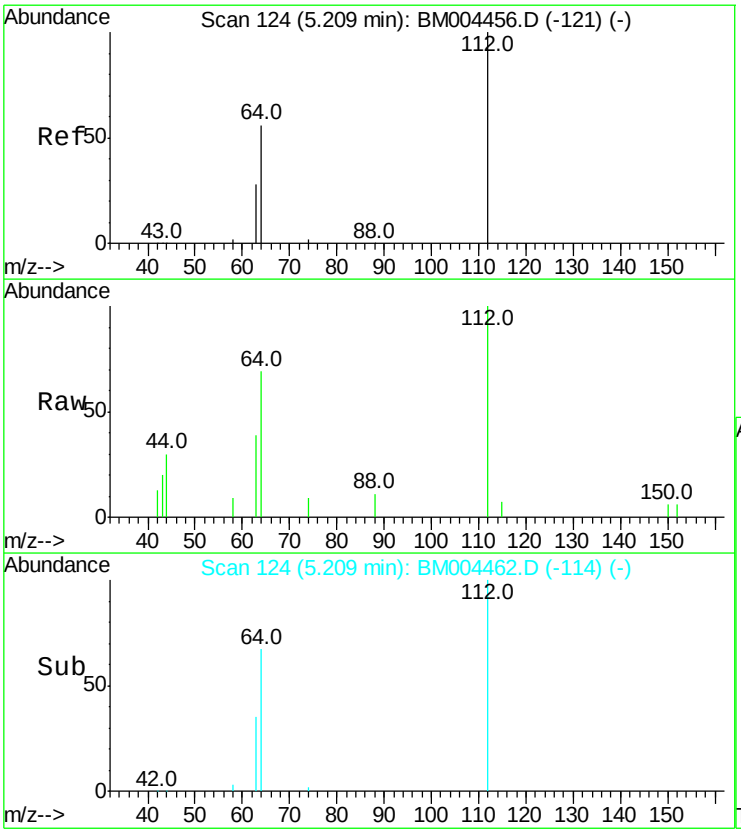
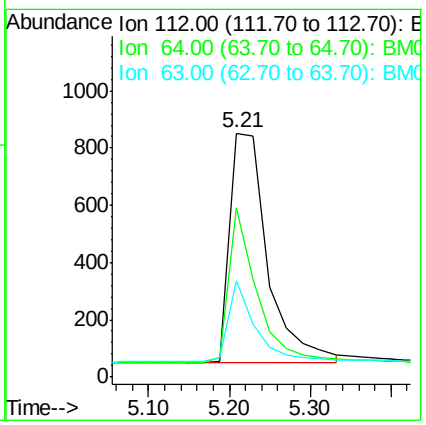
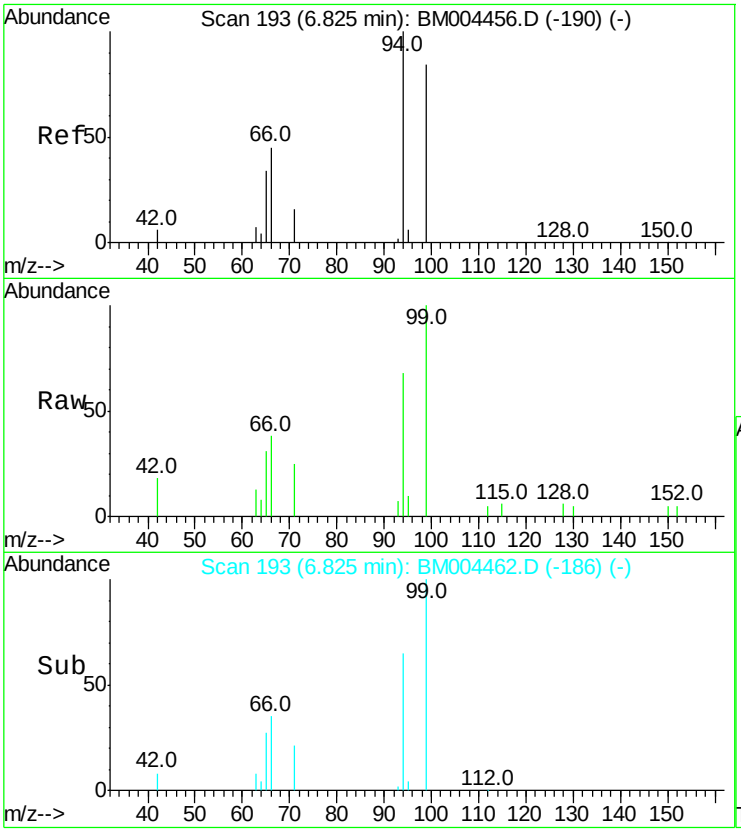


#4
2-Fluorophenol
Concen: 0.83 ng
RT: 5.21 min Scan# 124
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:112 Resp: 2629

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.4	59.2
63	25.2	19.9	29.9

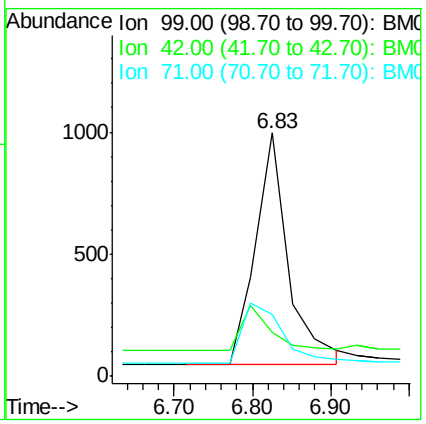




#5
Phenol-d6
Concen: 0.78 ng
RT: 6.83 min Scan# 193
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion: 99 Resp: 2792

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



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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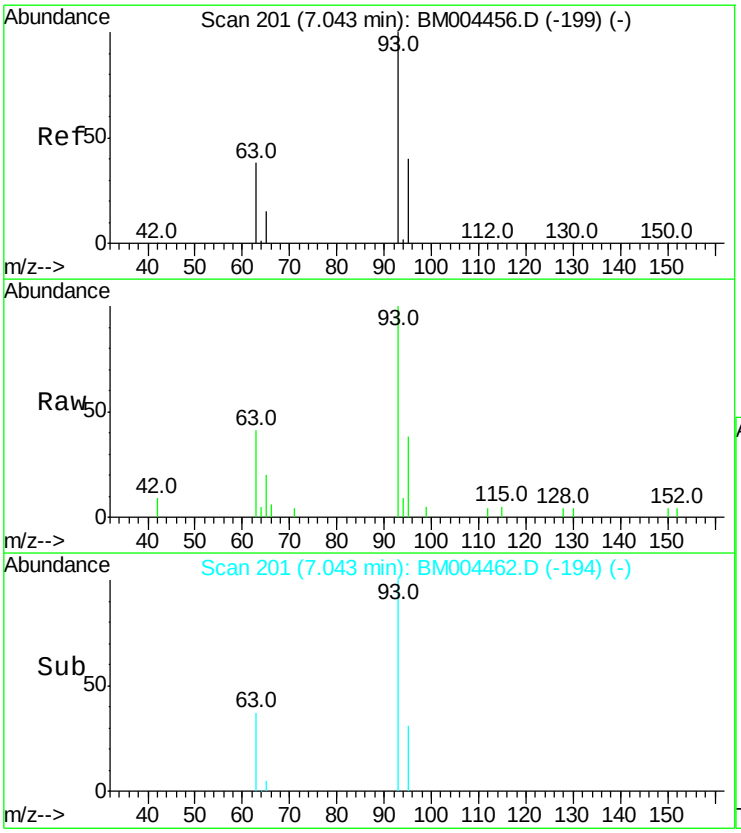
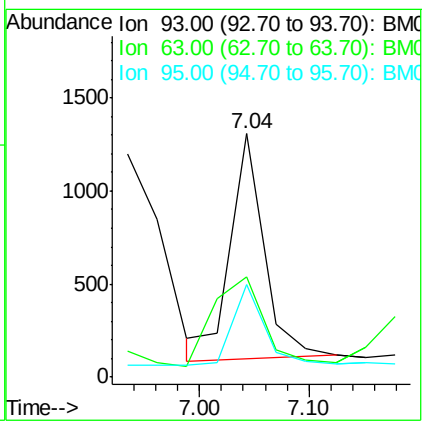
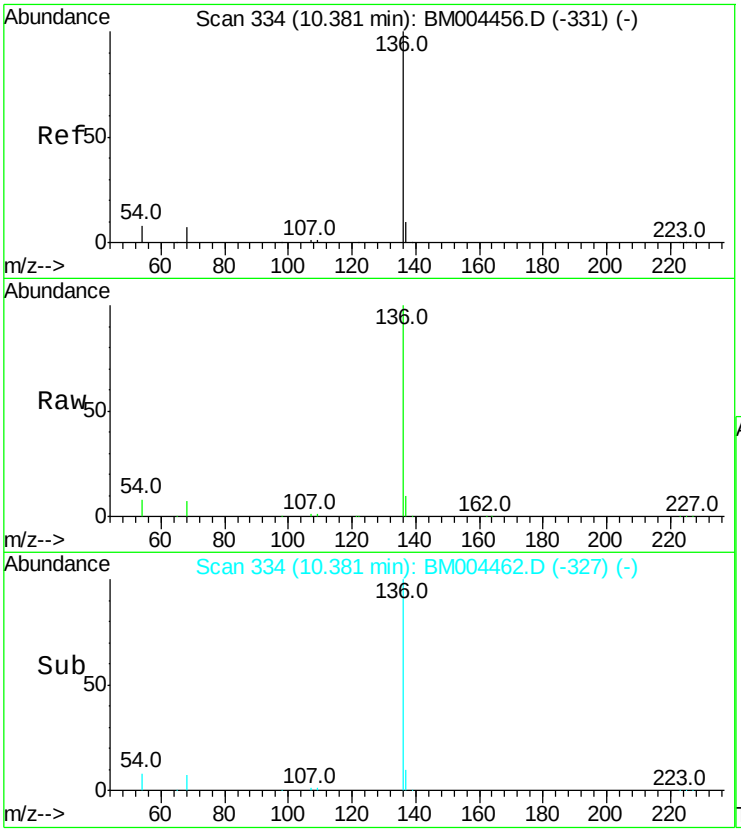


#6
bis(2-Chloroethyl)ether
Concen: 0.91 ng
RT: 7.04 min Scan# 201
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion: 93 Resp: 2595

Ion	Ratio	Lower	Upper
93	100		
63	67.4	0.0	0.0#
95	34.6	27.1	40.7

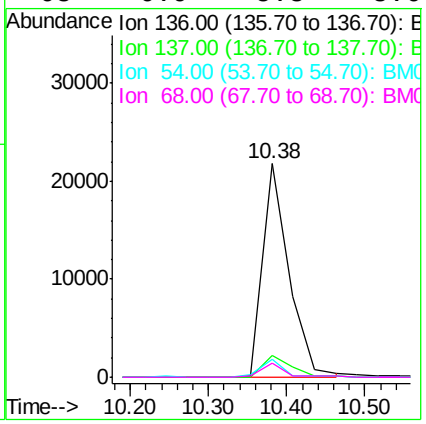




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:136 Resp: 50618

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.0	12.0
54	8.3	7.0	10.6
68	6.9	5.8	8.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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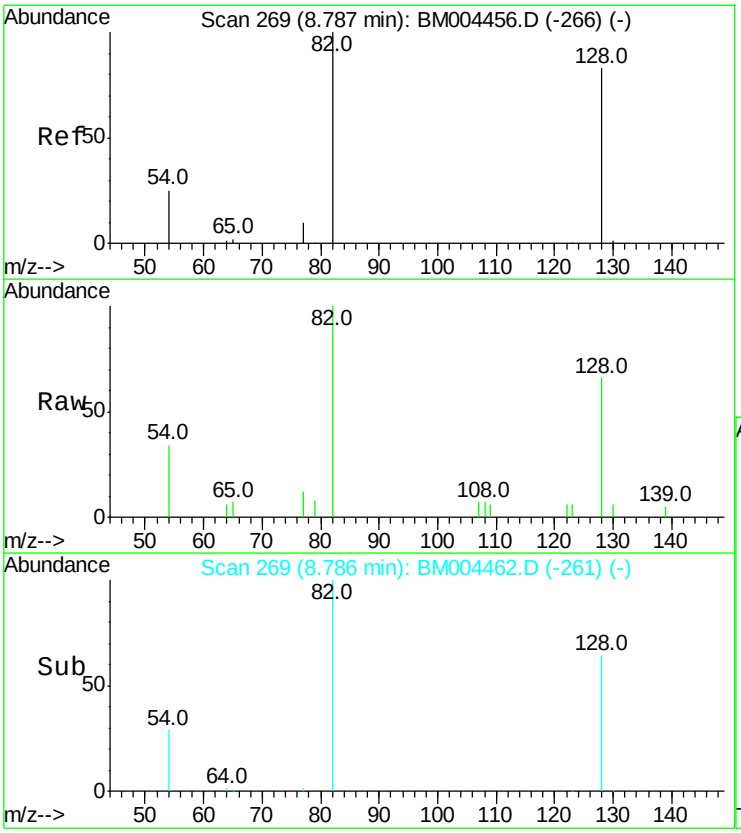
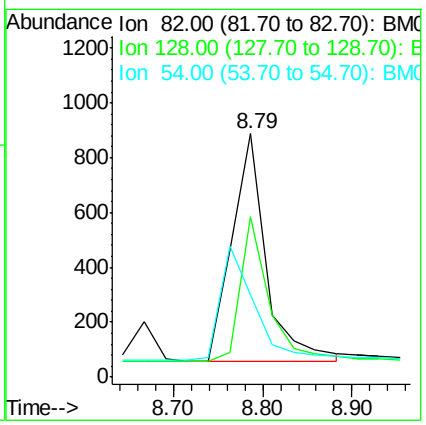
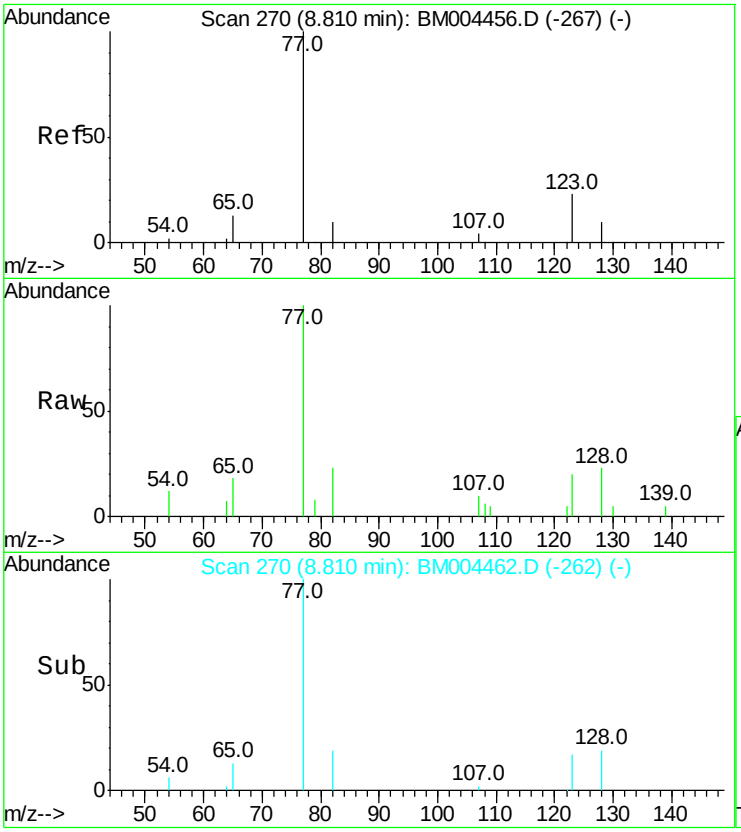


#8
Nitrobenzene-d5
Concen: 0.79 ng
RT: 8.79 min Scan# 269
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion: 82 Resp: 2200

Ion	Ratio	Lower	Upper
82	100		
128	66.0	67.0	100.6#
54	34.0	25.2	37.8

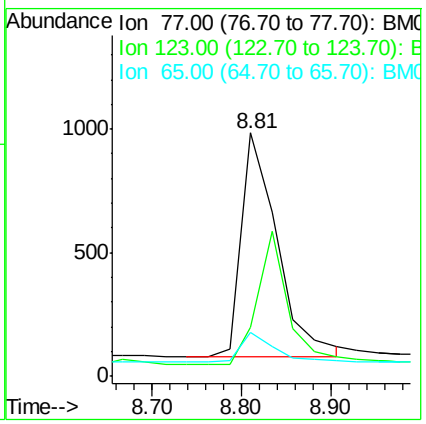




#9
Nitrobenzene
Concen: 0.82 ng
RT: 8.81 min Scan# 270
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion: 77 Resp: 2530

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



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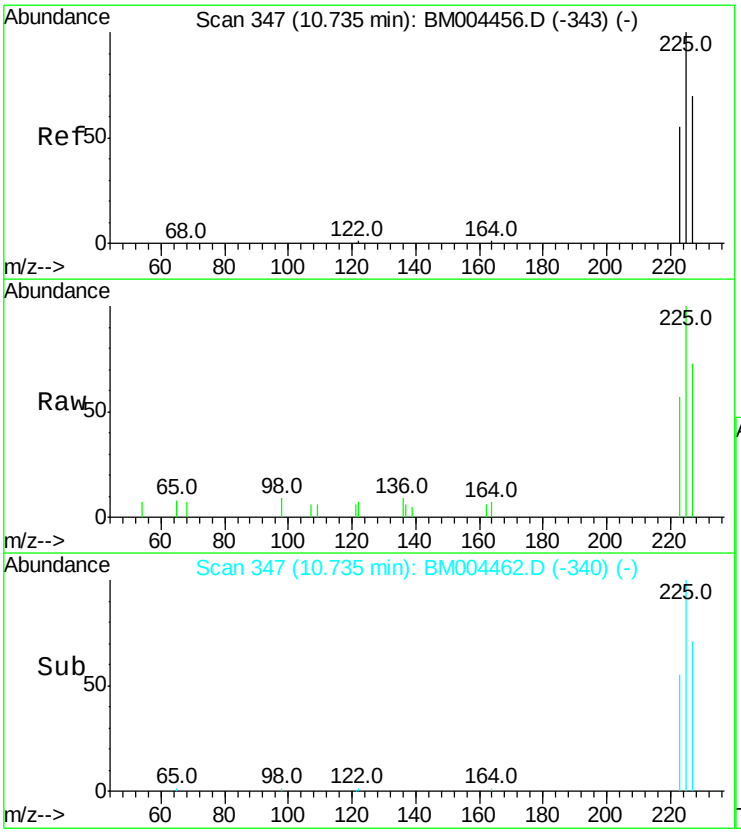
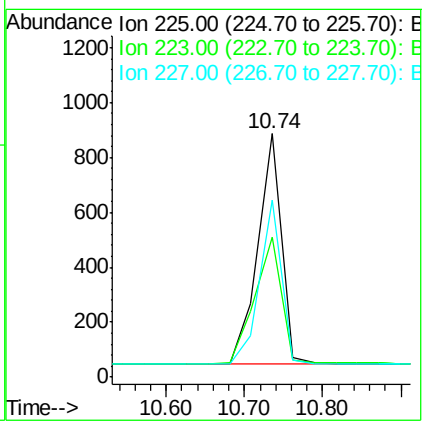
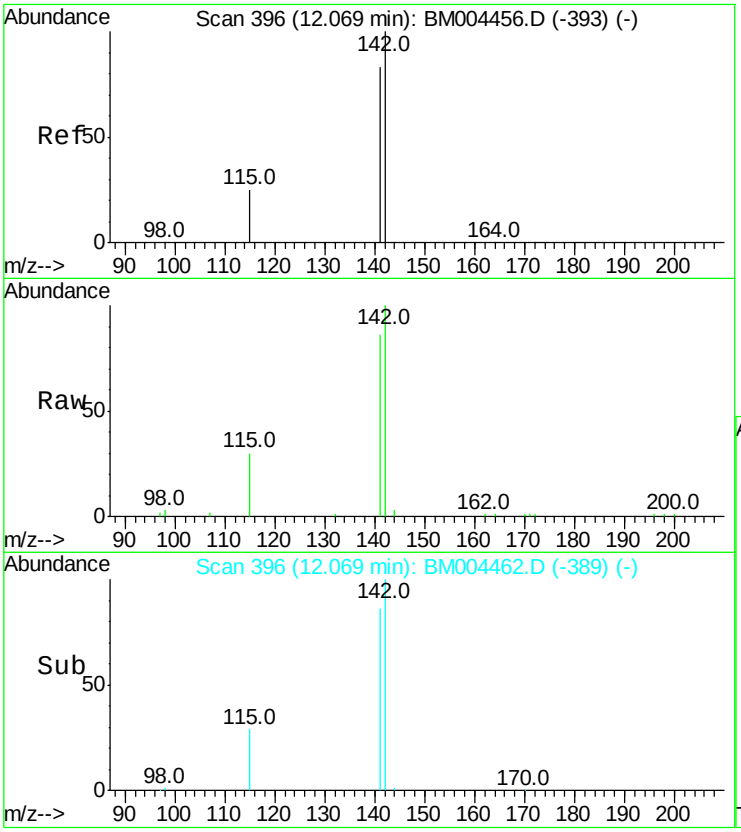


#10
Hexachlorobutadiene
Concen: 0.86 ng
RT: 10.74 min Scan# 347
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:225 Resp: 1784

Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.4	72.6
227	66.0	52.8	79.2

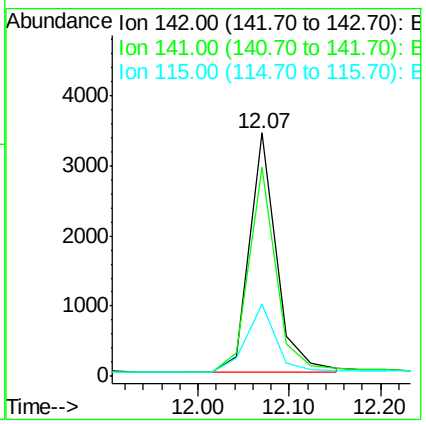




#11
2-Methylnaphthalene
Concen: 0.91 ng
RT: 12.07 min Scan# 396
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:142 Resp: 7052

Ion	Ratio	Lower	Upper
142	100		
141	86.1	66.4	99.6
115	29.8	21.6	32.4



Instrument :
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ClientSampleId :
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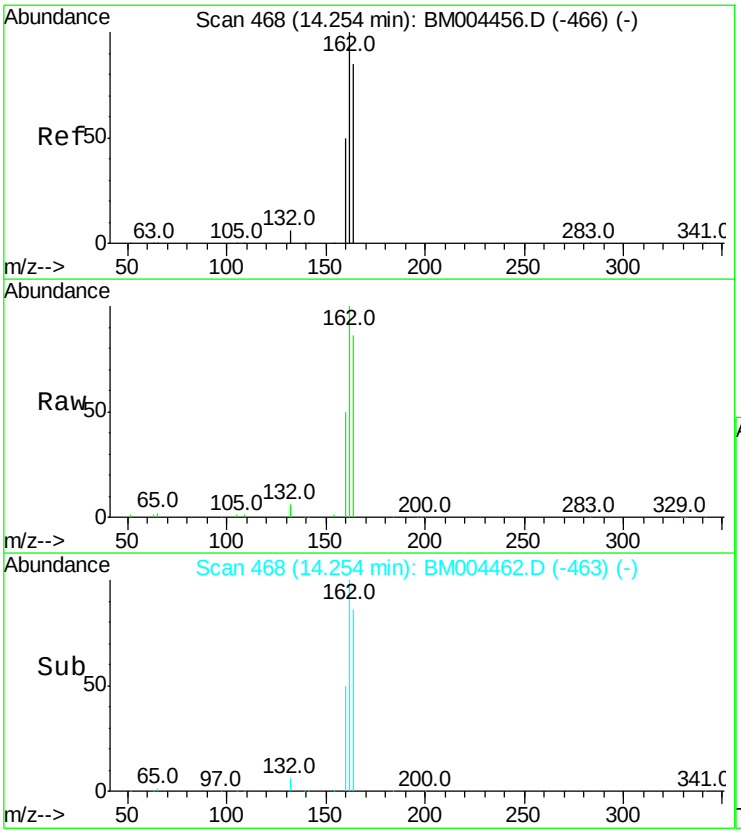
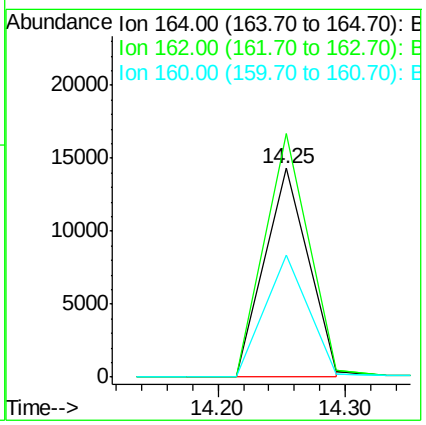
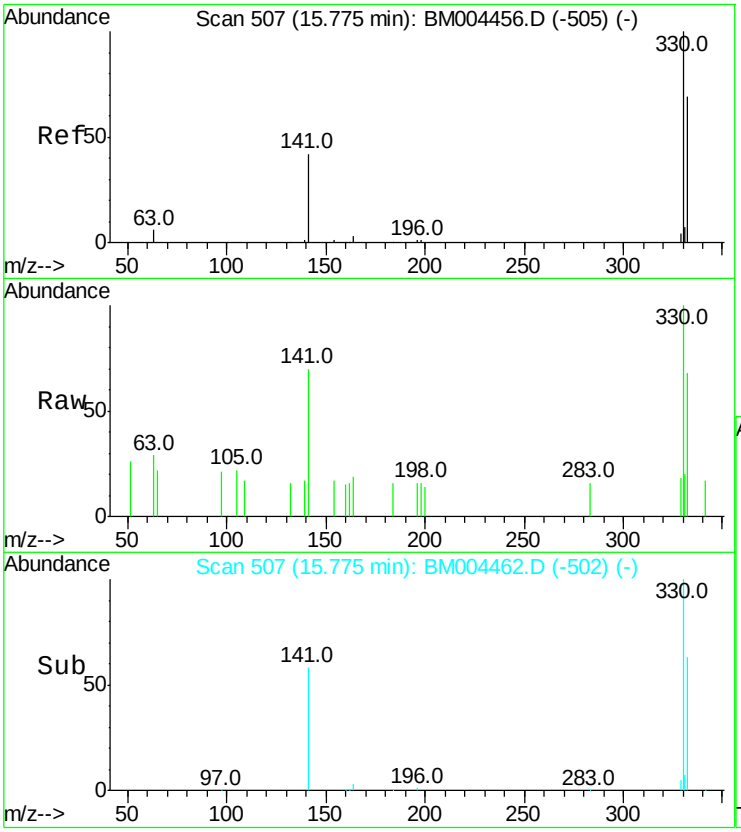


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:164 Resp: 34235

Ion	Ratio	Lower	Upper
164	100		
162	116.6	94.6	141.8
160	58.2	47.0	70.4

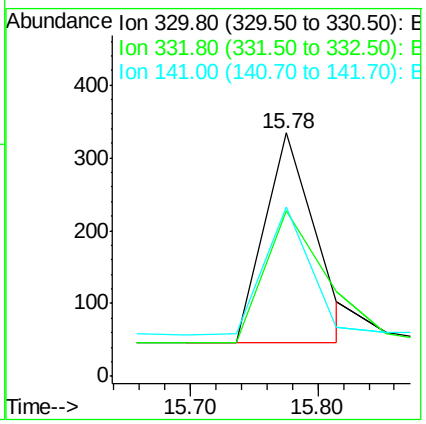




#13
2,4,6-Tribromophenol
Concen: 0.67 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:330 Resp: 808

Ion	Ratio	Lower	Upper
330	100		
332	73.0	59.2	88.8
141	54.5	33.0	49.4#



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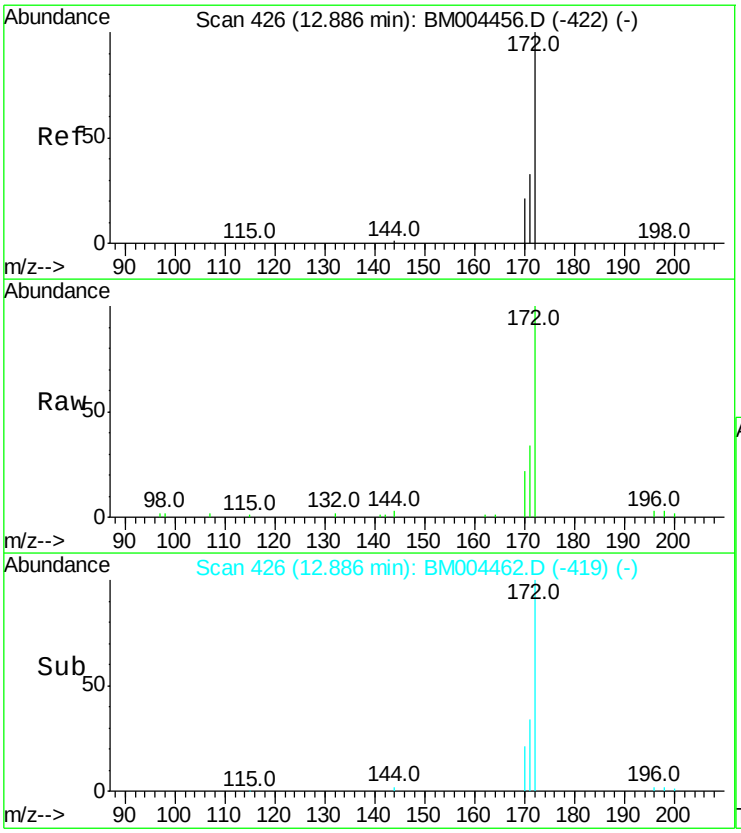
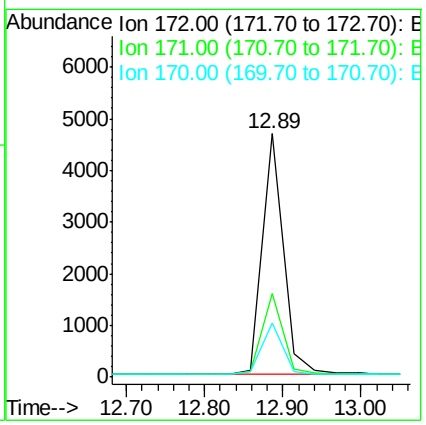
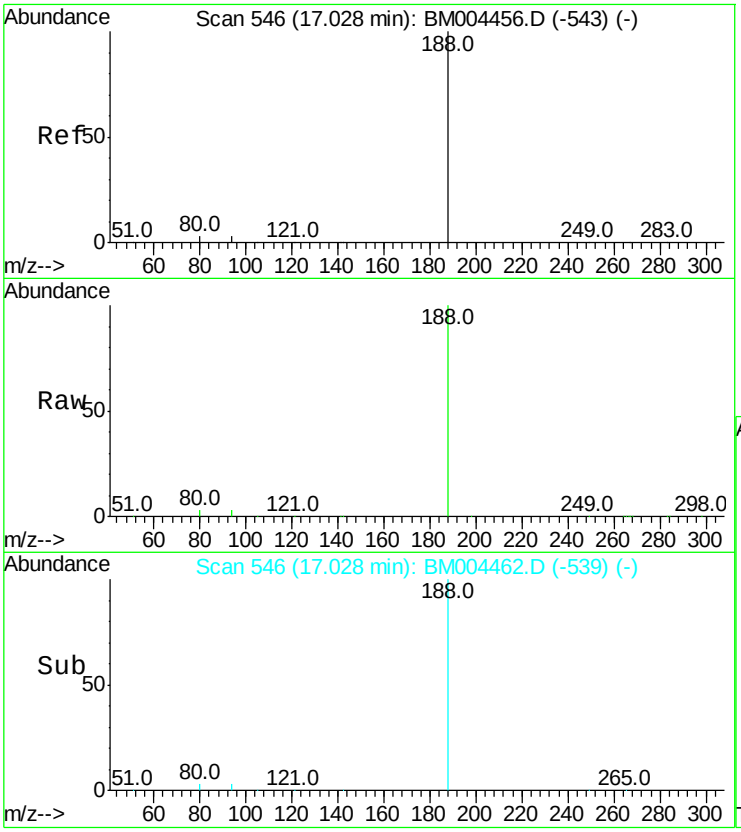


#14
2-Fluorobiphenyl
Concen: 0.83 ng
RT: 12.89 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:172 Resp: 8665

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.2	40.8
170	22.2	17.4	26.0

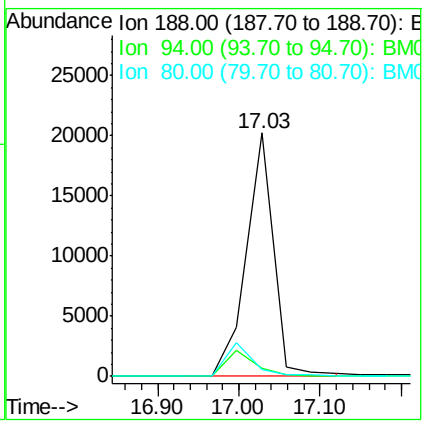




#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:188 Resp: 47010

Ion	Ratio	Lower	Upper
188	100		
94	3.4	2.7	4.1
80	2.9	2.2	3.4



Instrument :
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ClientSampleId :
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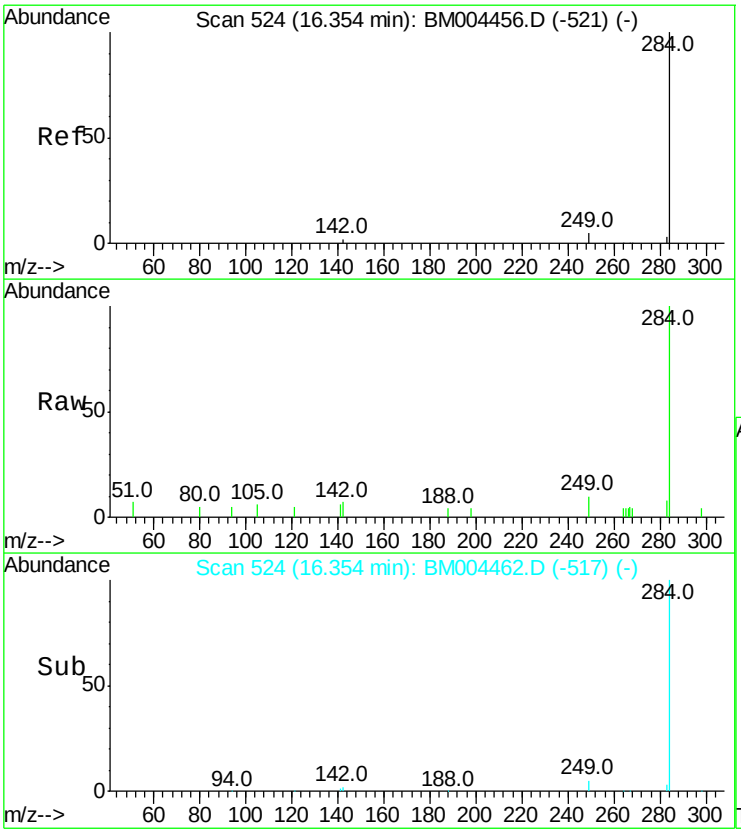
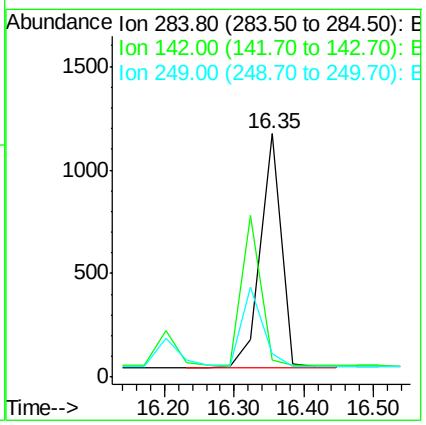
2/29/2016 2:50:00 PM

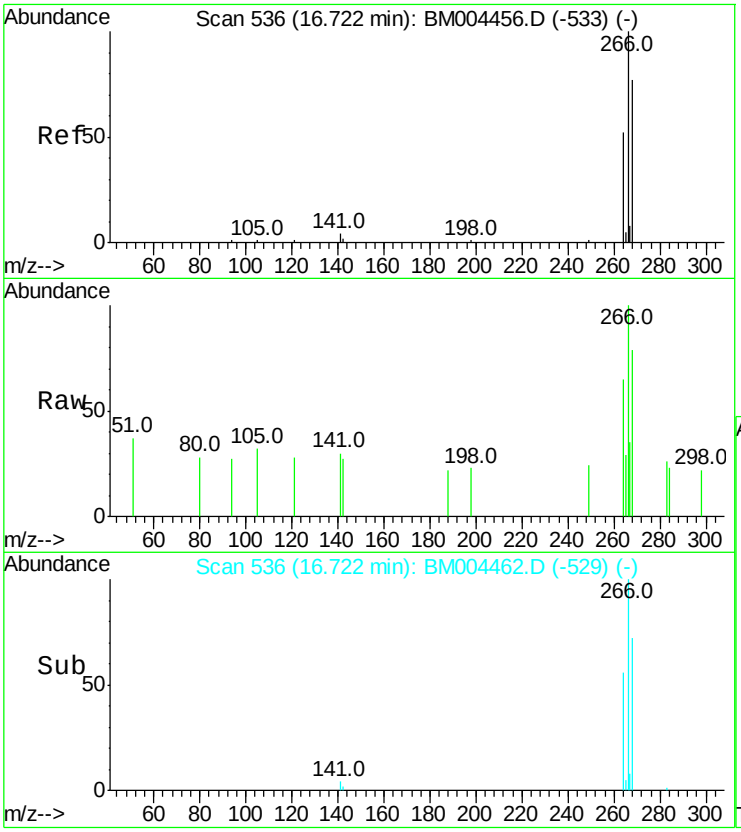


#16
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:284 Resp: 2363

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

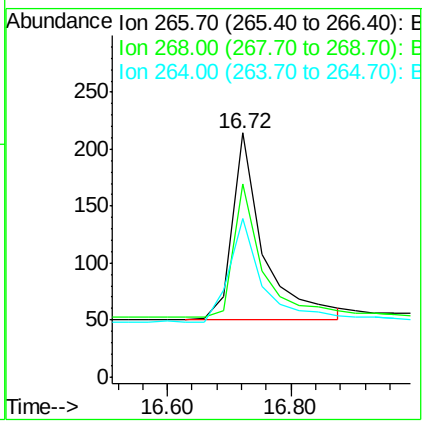




#17
Pentachlorophenol
Concen: 0.78 ng m
RT: 16.72 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:266 Resp: 578

Ion	Ratio	Lower	Upper
266	100		
268	79.0	66.8	100.2
264	65.0	49.4	74.0



Instrument :
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ClientSampleId :
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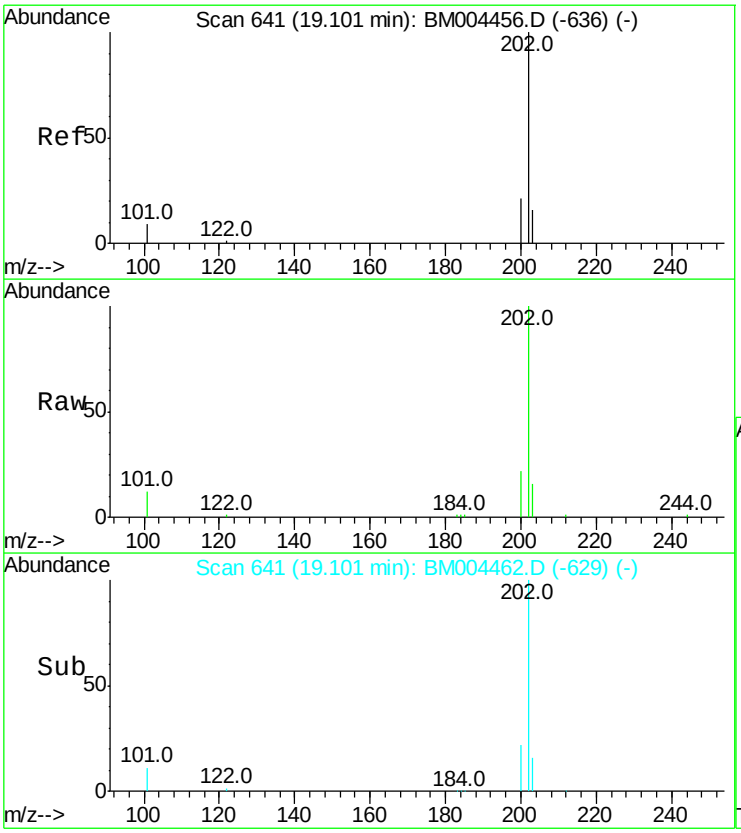
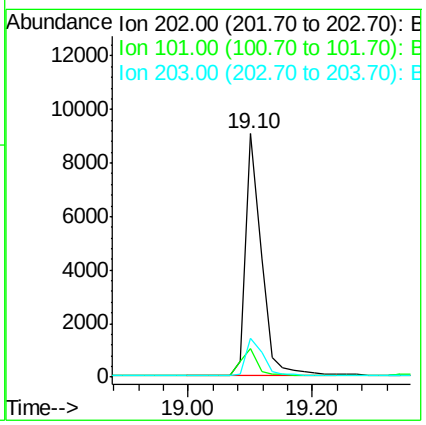
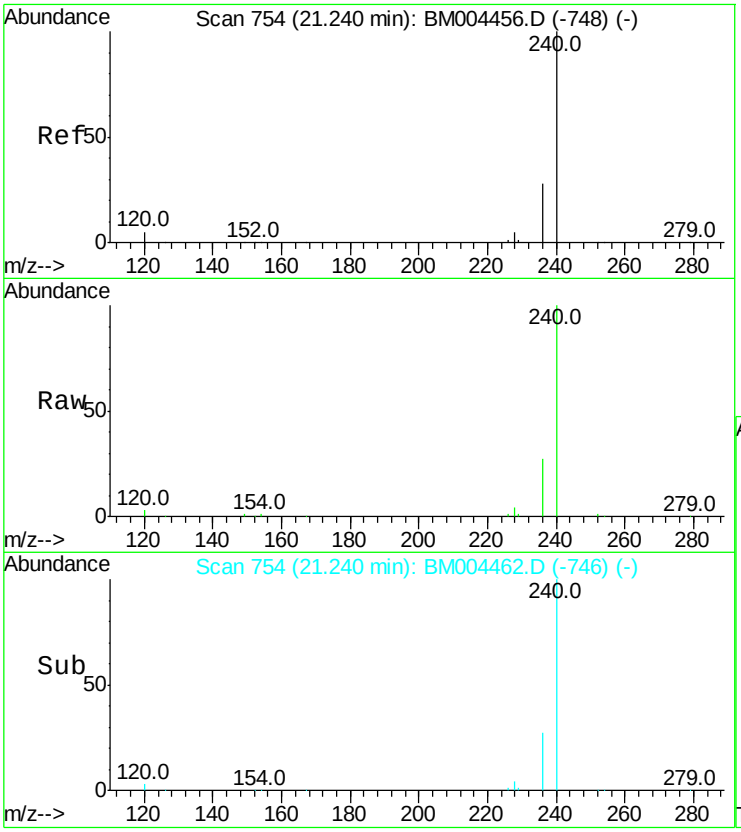


#18
Fluoranthene
Concen: 0.86 ng
RT: 19.10 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:202 Resp: 15950

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.0
203	17.0	13.9	20.9

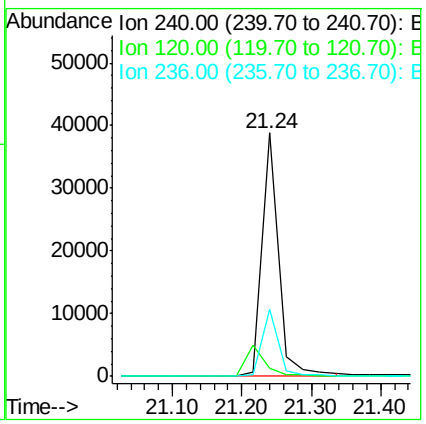




#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:240 Resp: 63677

Ion	Ratio	Lower	Upper
240	100		
120	3.5	4.0	6.0#
236	27.3	22.7	34.1



Instrument :
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ClientSampleId :
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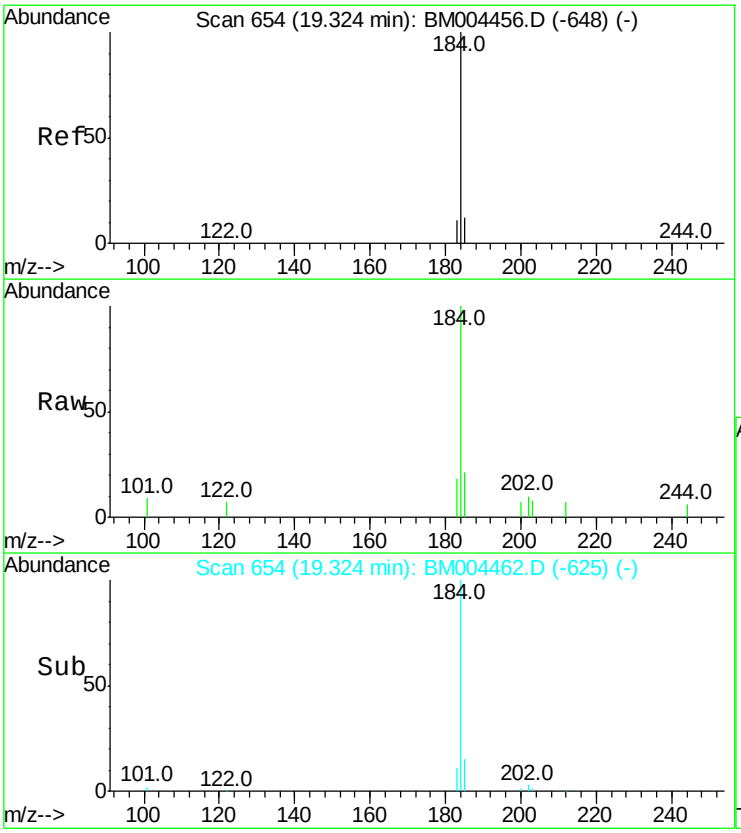
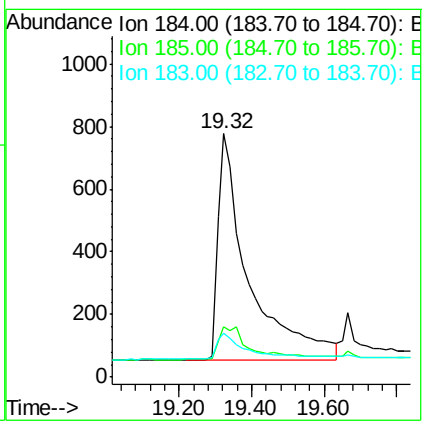
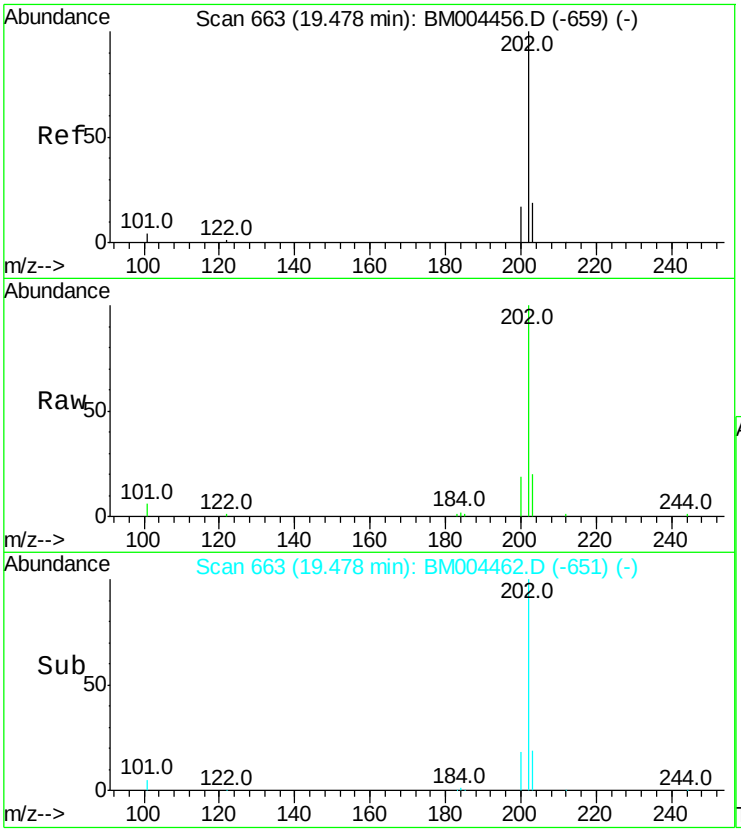


#20
Benzidine
Concen: 1.11 ng
RT: 19.32 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:184 Resp: 4260

Ion	Ratio	Lower	Upper
184	100		
185	20.7	20.8	31.2#
183	18.1	18.5	27.7#

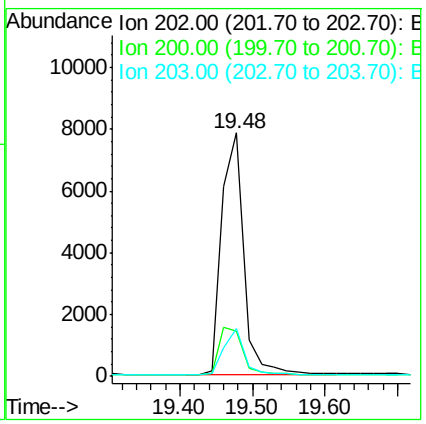




#21
Pyrene
Concen: 0.87 ng
RT: 19.48 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:202 Resp: 16417

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.4	13.9	20.9



Instrument :
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ClientSampleId :
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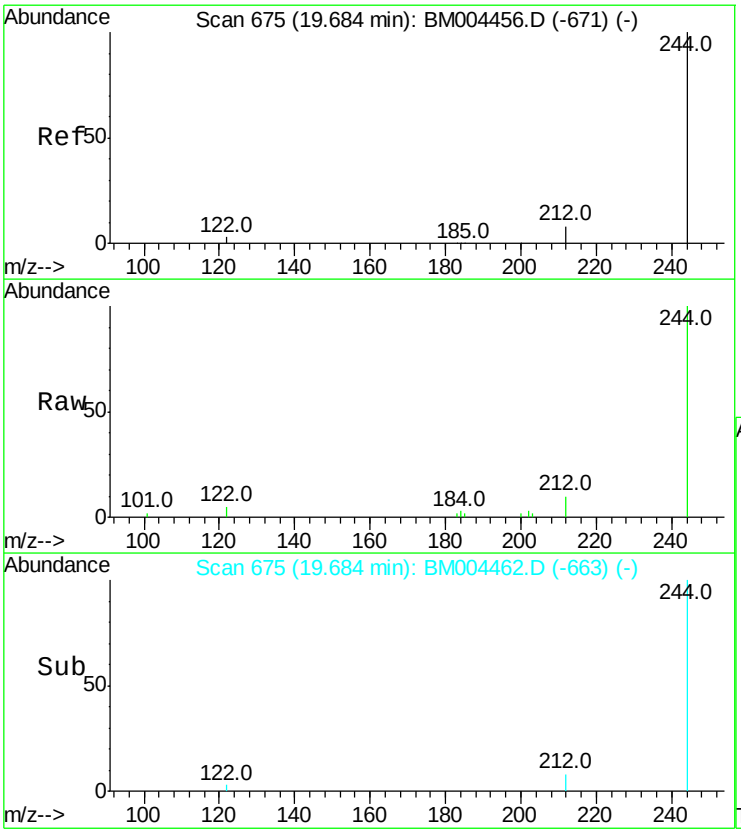
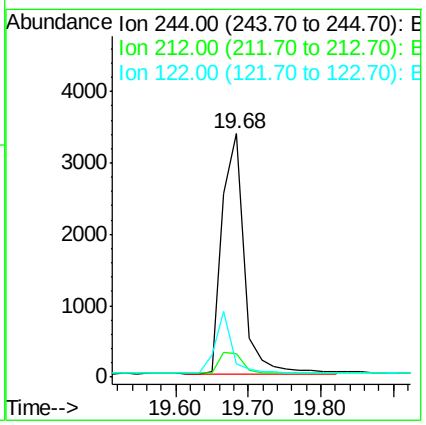
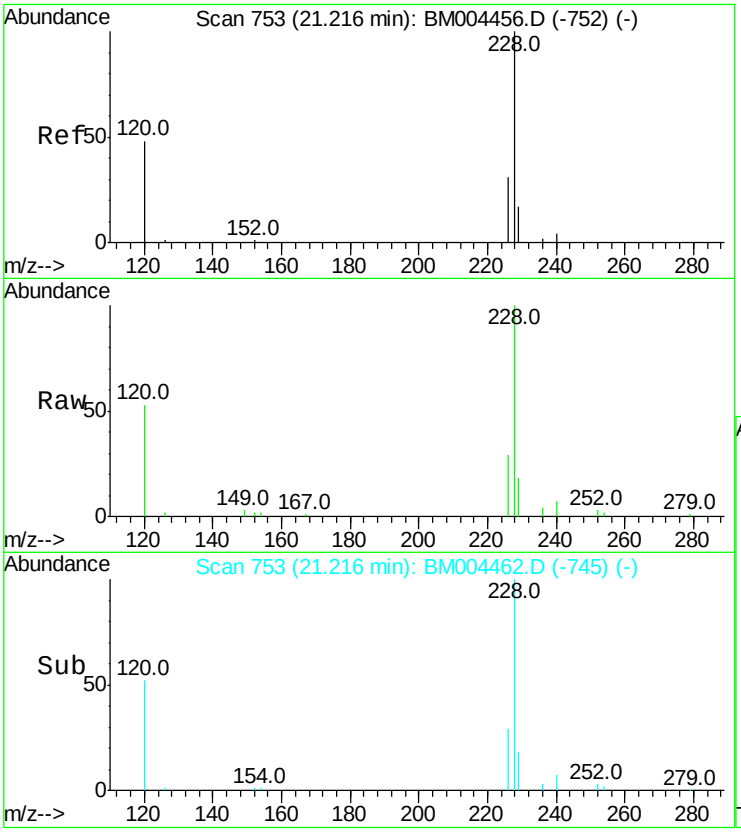


#22
Terphenyl-d14
Concen: 0.88 ng
RT: 19.68 min Scan# 675
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:244 Resp: 7096

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.4	11.2
122	5.5	4.2	6.2

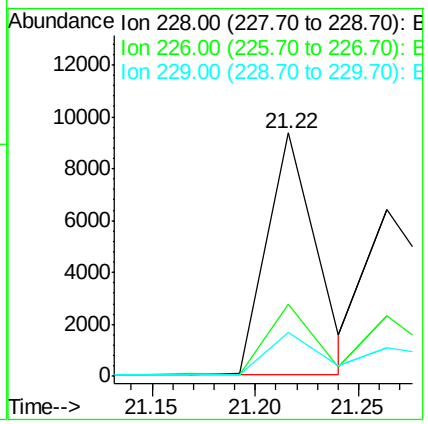




#23
Benzo(a)anthracene
Concen: 0.86 ng m
RT: 21.22 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:228 Resp: 15565

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.1	37.7
229	18.2	14.2	21.4



Instrument :
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ClientSampleId :
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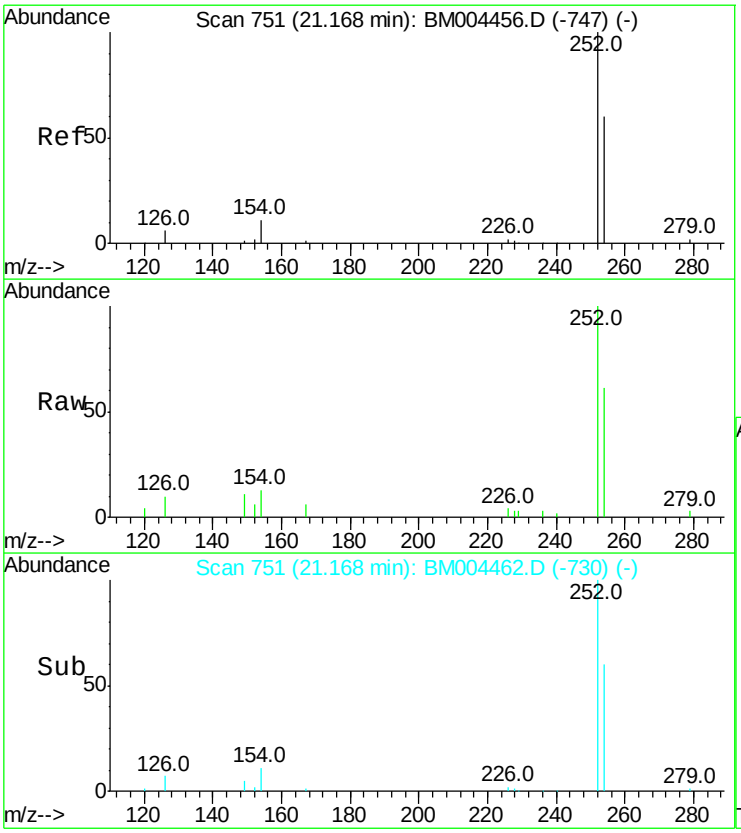
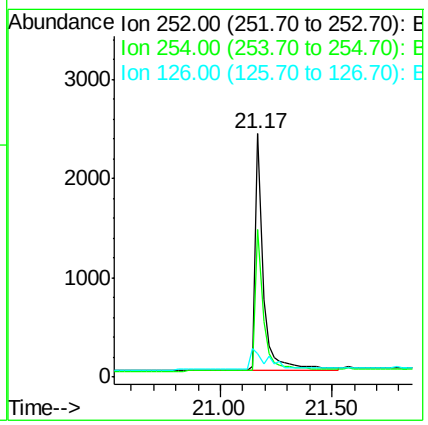
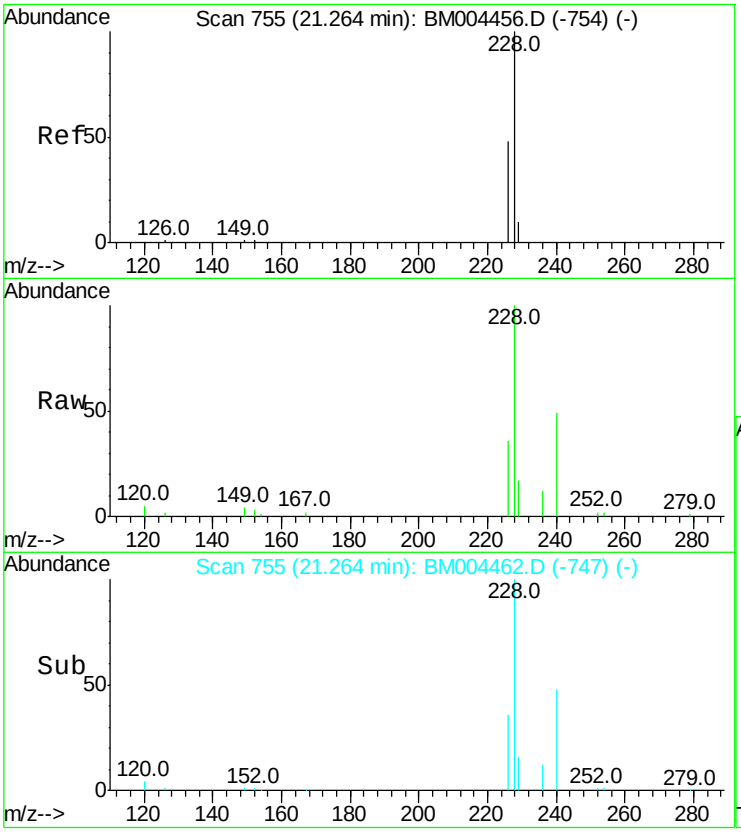


#24
3,3'-Dichlorobenzidine
Concen: 0.95 ng
RT: 21.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:252 Resp: 5930

Ion	Ratio	Lower	Upper
252	100		
254	60.9	48.7	73.1
126	9.7	8.2	12.2

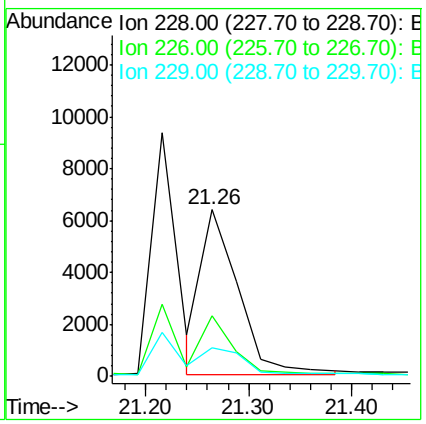




#25
Chrysene
Concen: 0.76 ng m
RT: 21.26 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:228 Resp: 16138

Ion	Ratio	Lower	Upper
228	100		
226	36.2	31.0	46.6
229	16.8	13.4	20.2



Instrument :
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ClientSampleId :
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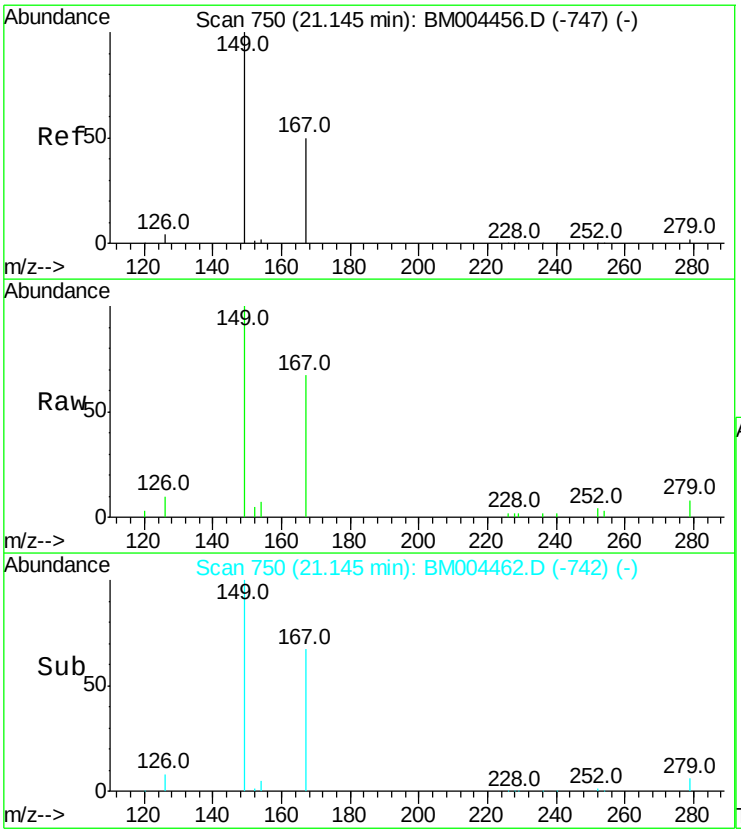
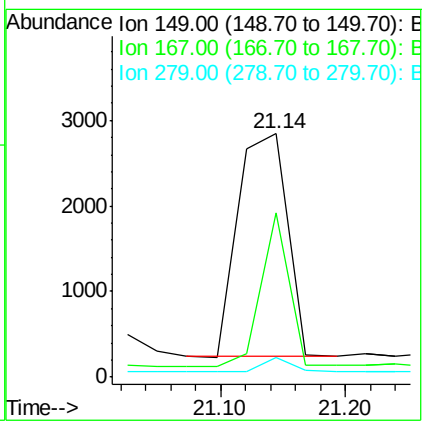
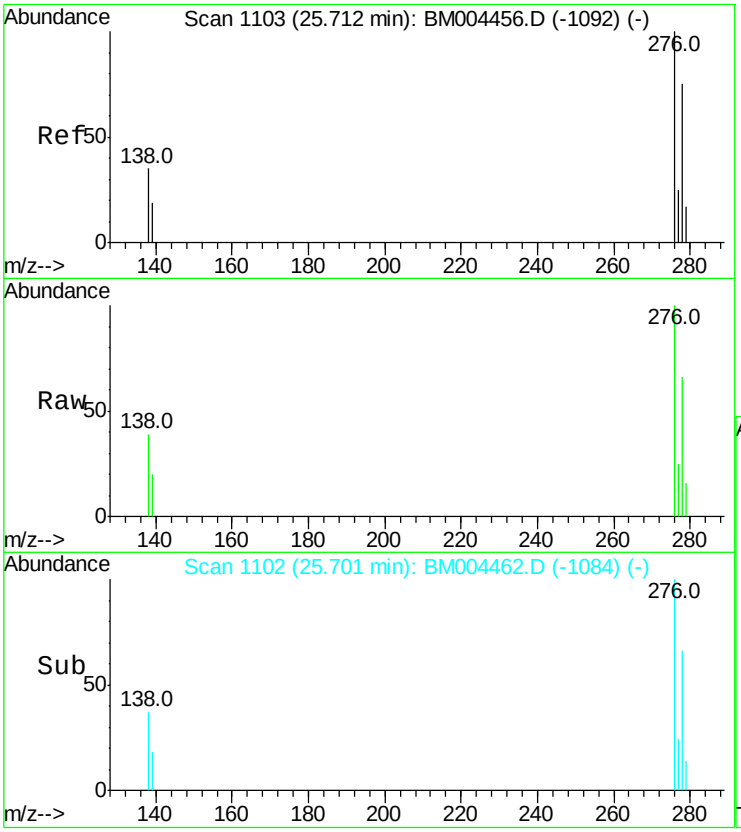


#26
Bis(2-ethylhexyl)phthalate
Concen: 0.62 ng
RT: 21.14 min Scan# 750
Delta R.T. 0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:149 Resp: 7197

Ion	Ratio	Lower	Upper
149	100		
167	39.4	33.1	49.7
279	3.9	2.0	3.0#

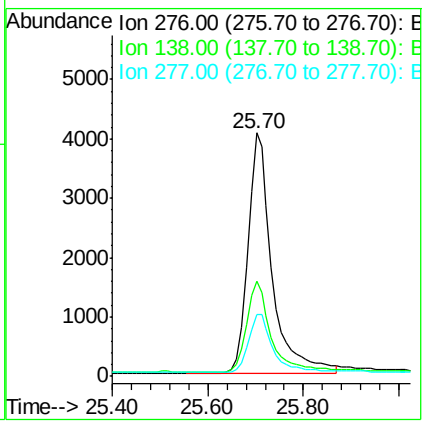




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.86 ng
RT: 25.70 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:276 Resp: 14232

Ion	Ratio	Lower	Upper
276	100		
138	38.1	30.0	45.0
277	24.9	19.8	29.8



Instrument :
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ClientSampleId :
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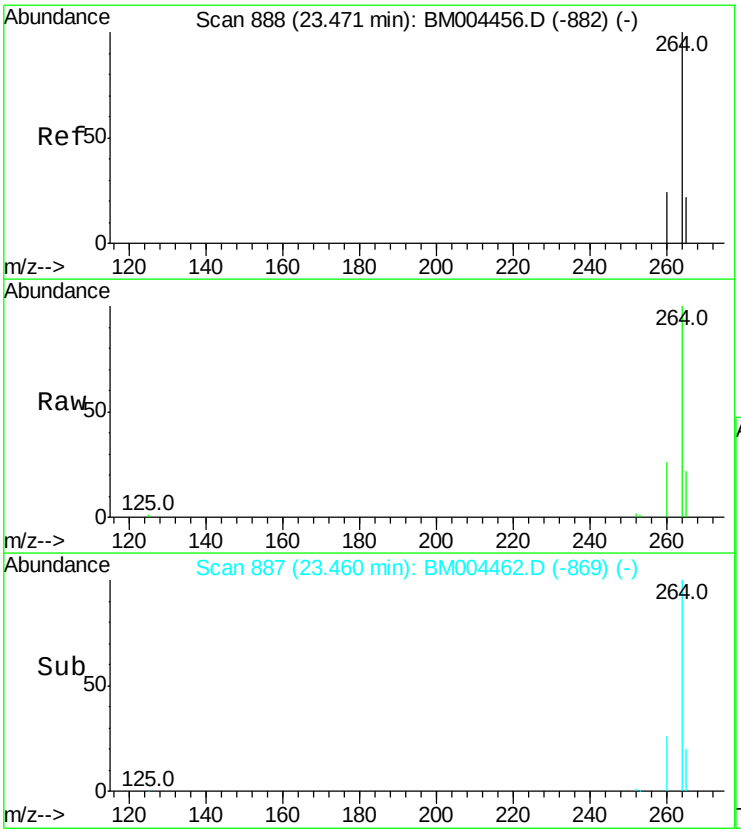
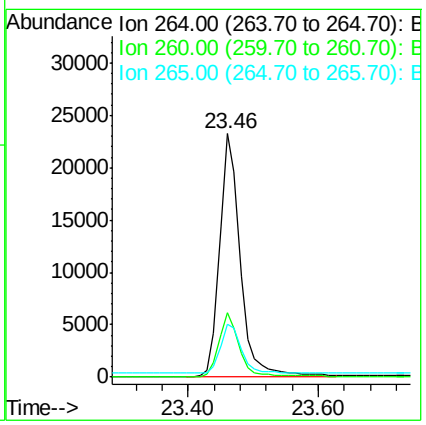
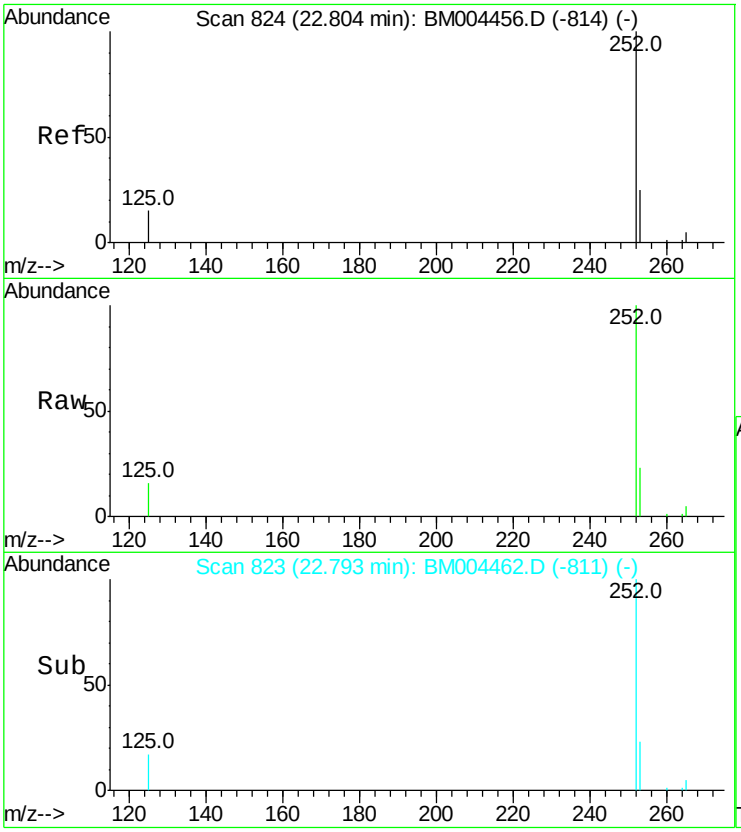


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:264 Resp: 50561

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.4	29.2
265	21.9	18.9	28.3

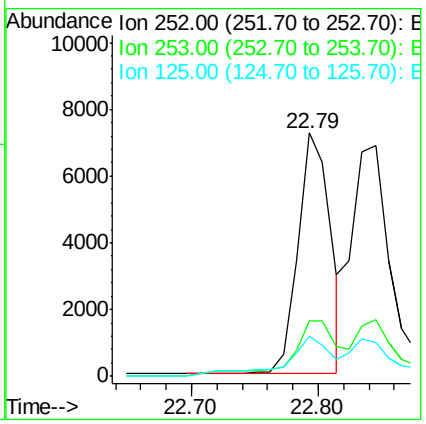




#29
Benzo(b)fluoranthene
Concen: 0.76 ng
RT: 22.79 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:252 Resp: 14428

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.8	29.6
125	16.3	12.2	18.2



Instrument :
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ClientSampleId :
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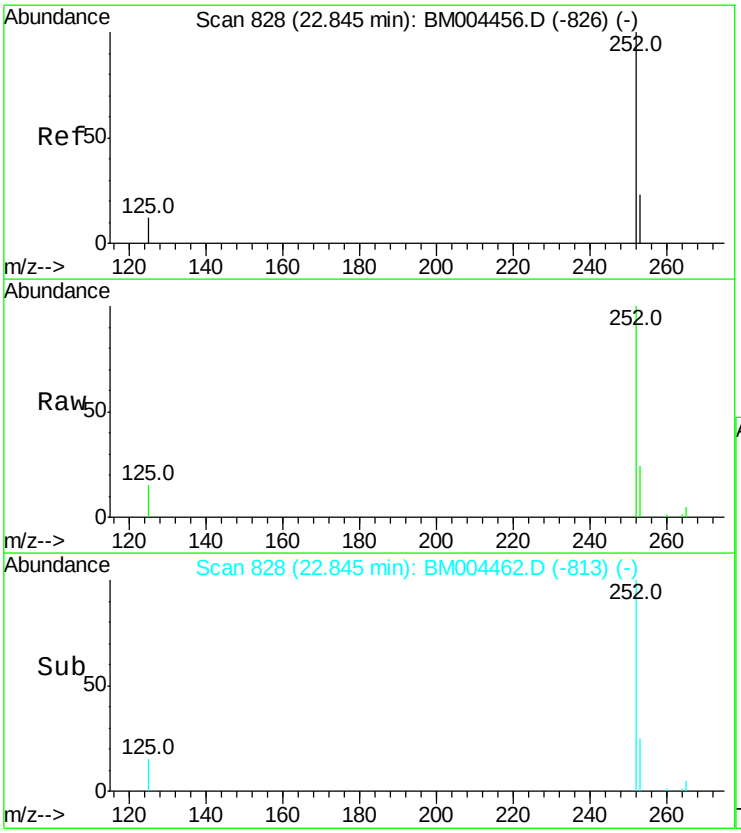
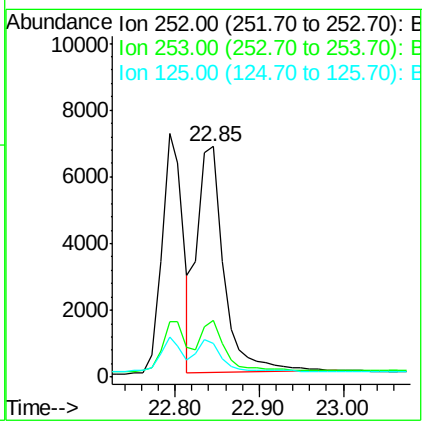
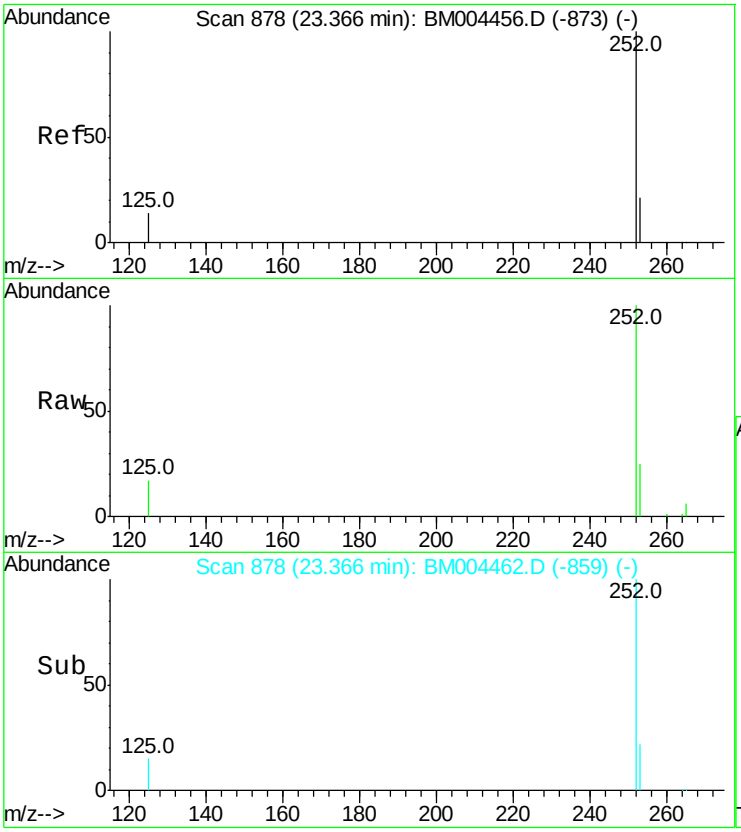


#30
Benzo(k)fluoranthene
Concen: 0.89 ng
RT: 22.85 min Scan# 828
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:252 Resp: 14697

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.3	28.9
125	14.7	12.4	18.6

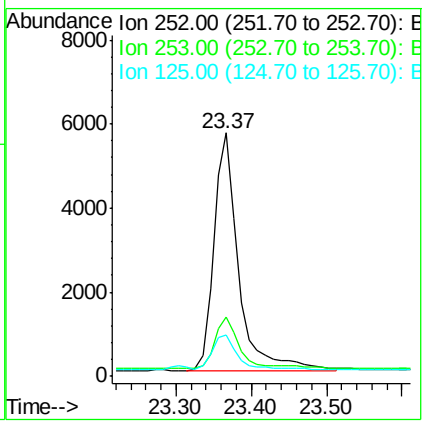




#31
Benzo(a)pyrene
Concen: 0.88 ng
RT: 23.37 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:252 Resp: 13058

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.3	28.9
125	17.1	14.4	21.6



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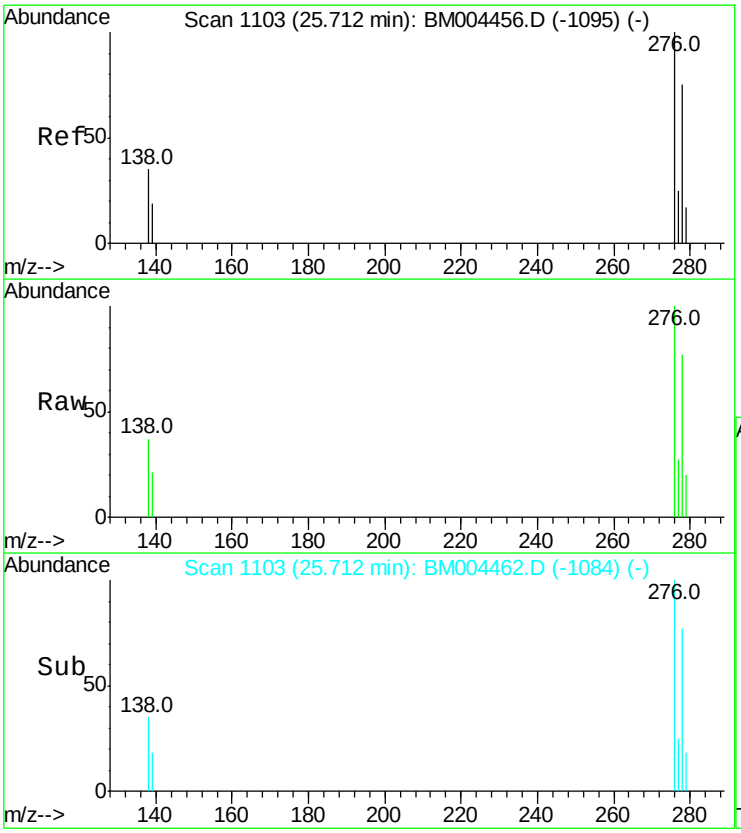
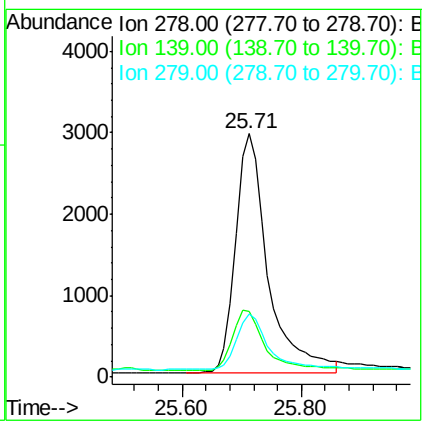
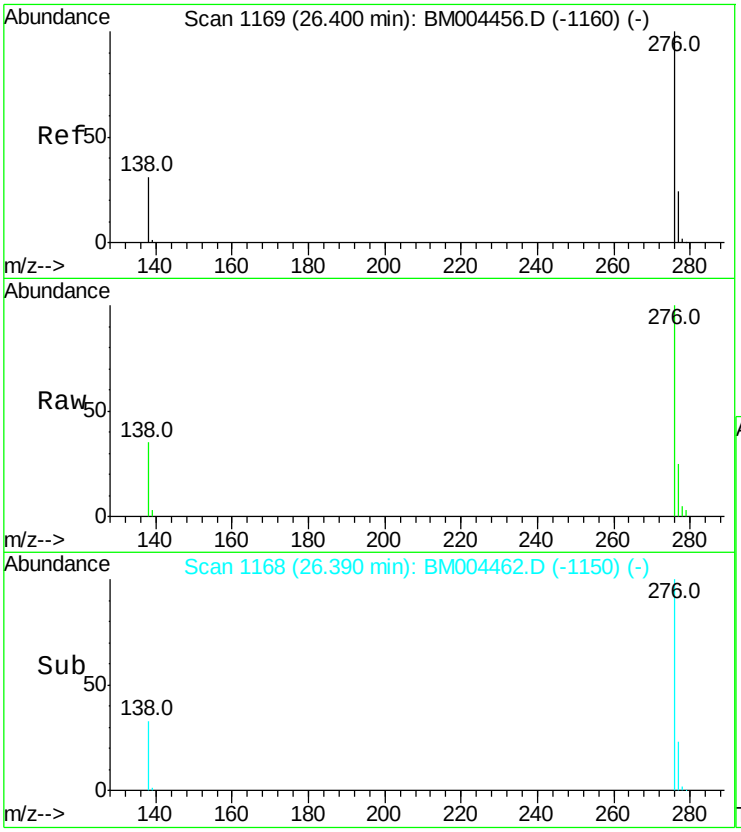


#32
Dibenzo(a,h)anthracene
Concen: 0.83 ng
RT: 25.71 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:278 Resp: 11029

Ion	Ratio	Lower	Upper
278	100		
139	27.0	22.3	33.5
279	26.0	20.7	31.1

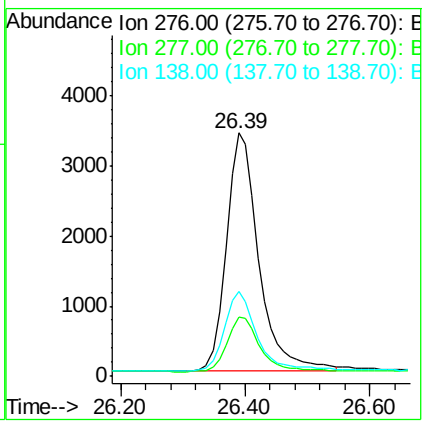




#33
Benzo(g,h,i)perylene
Concen: 0.85 ng
RT: 26.39 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BM004462.D
Acq: 28 Feb 2016 23:21

Tgt Ion:276 Resp: 12354

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.4	30.6
138	34.9	26.4	39.6



Instrument :
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ClientSampleId :
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