Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004455.D
Acq On : 28 Feb 2016 17:54
Operator : SJ/UM
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
UMANGI
2/29/2016 2:48:48 PM

Quant Time: Feb 29 03:25:58 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	14200	5.00	ng		0.00
7) Naphthalene-d8	10.38	136	49107	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	30969	5.00	ng		0.00
15) Phenanthrene-d10	17.03	188	45402	5.00	ng		0.00
19) Chrysene-d12	21.25	240	58666	5.00	ng		0.00
28) Perylene-d12	23.47	264	47872	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2259	0.76	ng		0.00
5) Phenol-d6	6.83	99	2373	0.67	ng		0.00
8) Nitrobenzene-d5	8.79	82	1913	0.87	ng		0.00
13) 2,4,6-Tribromophenol	15.78	330	798	0.86	ng		0.00
14) 2-Fluorobiphenyl	12.89	172	6978	0.74	ng		0.00
22) Terphenyl-d14	19.68	244	5560	0.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	887	0.58	ng	#	95
3) n-Nitrosodimethylamine	3.43	42	770	0.62	ng	#	93
6) bis(2-Chloroethyl)ether	7.04	93	2074	0.64	ng	#	98
9) Nitrobenzene	8.81	77	2169	0.86	ng	#	100
10) Hexachlorobutadiene	10.74	225	1471	0.82	ng		100
11) 2-Methylnaphthalene	12.07	142	5459	0.73	ng		96
16) Hexachlorobenzene	16.35	284	1866	1.13	ng	#	100
17) Pentachlorophenol	16.72	266	520	1.21	ng		97
18) Fluoranthene	19.10	202	12510	0.98	ng		99
20) Benzidine	19.32	184	1786	0.63	ng	#	87
21) Pyrene	19.48	202	12972	0.78	ng		99
23) Benzo(a)anthracene	21.22	228	12653m	0.72	ng		
24) 3,3'-Dichlorobenzidine	21.18	252	4416	1.04	ng		92
25) Chrysene	21.27	228	15610m	0.96	ng		
26) Bis(2-ethylhexyl)phthalate	21.13	149	6974	0.93	ng	#	37
27) Indeno(1,2,3-cd)pyrene	25.71	276	11209	0.66	ng		100
29) Benzo(b)fluoranthene	22.80	252	12574	0.83	ng		97
30) Benzo(k)fluoranthene	22.84	252	11296	0.83	ng		98
31) Benzo(a)pyrene	23.37	252	10262	0.78	ng		97
32) Dibenzo(a,h)anthracene	25.72	278	8677	0.74	ng		99
33) Benzo(g,h,i)perylene	26.40	276	9618	0.75	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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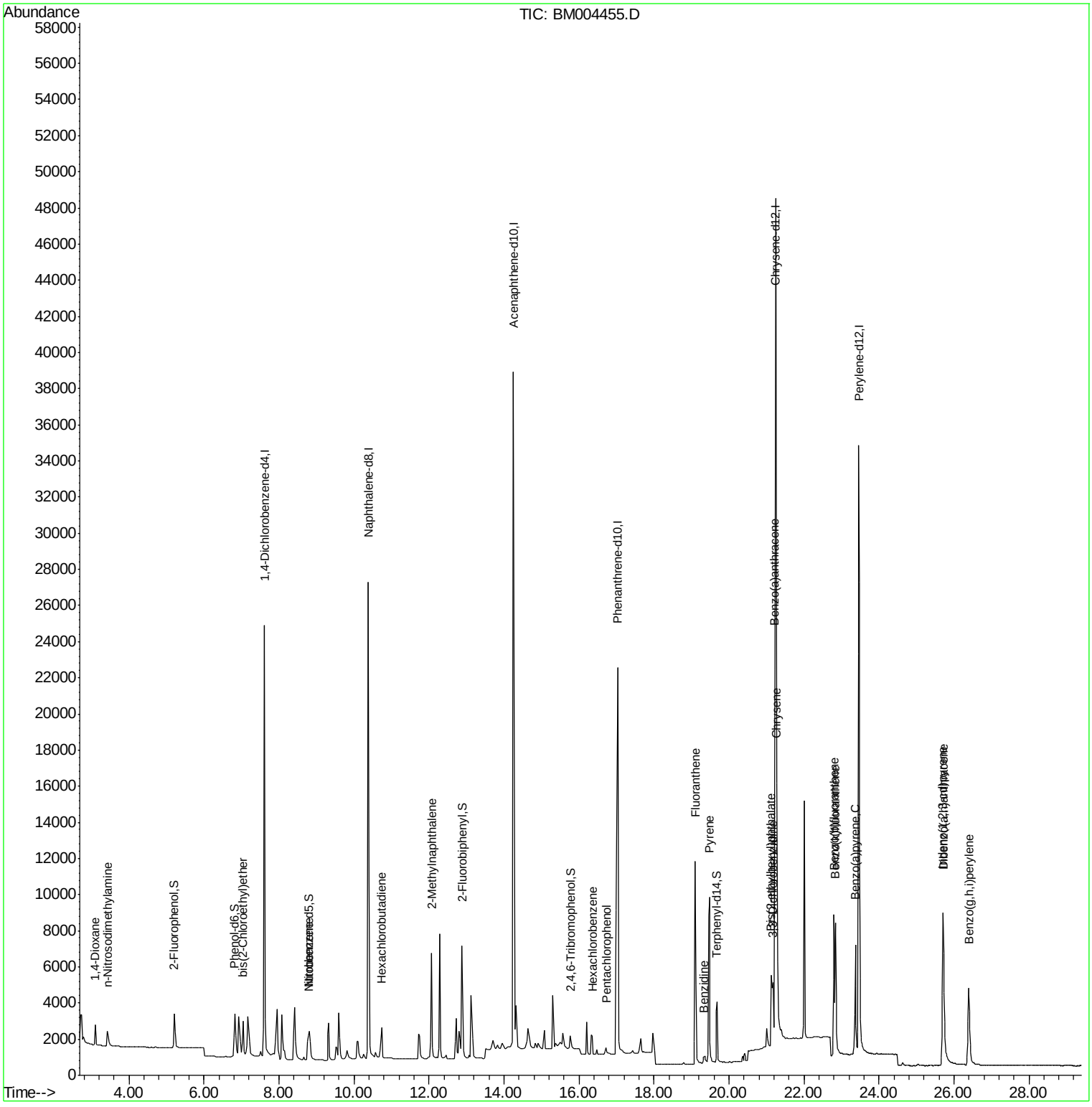
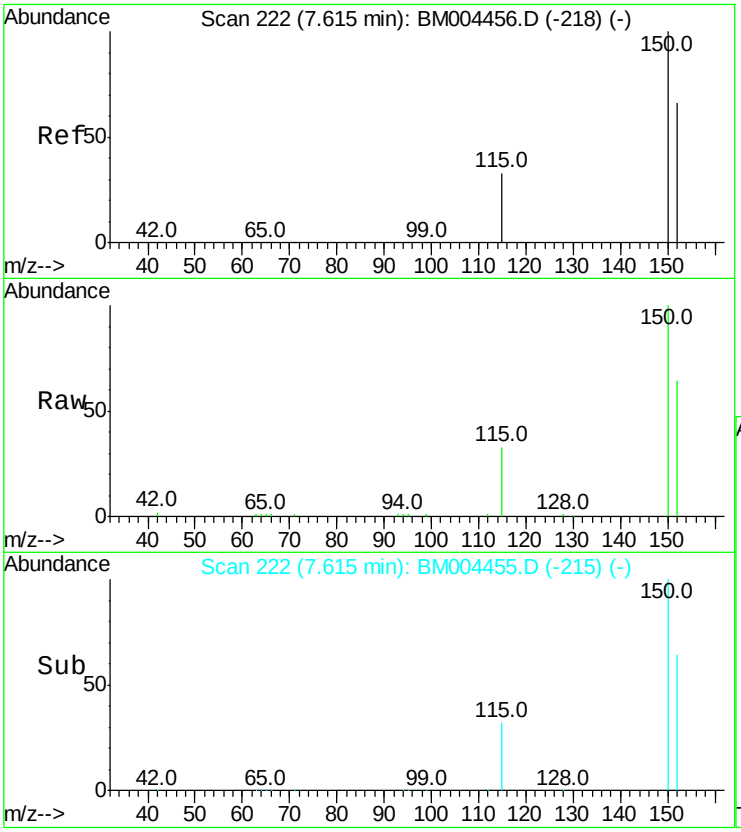
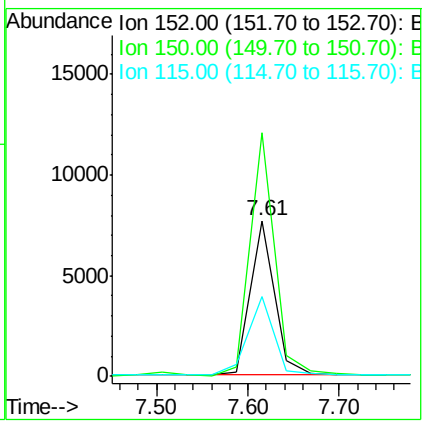




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:152 Resp: 14200

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.9	185.9
115	51.2	40.6	61.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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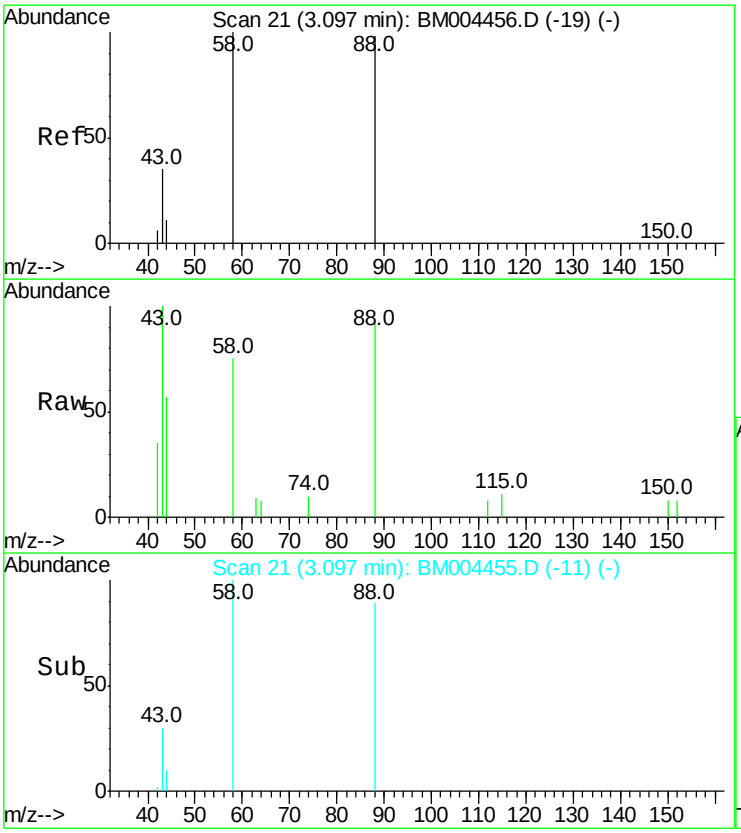
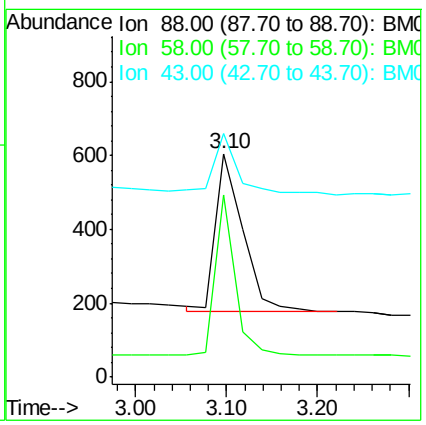
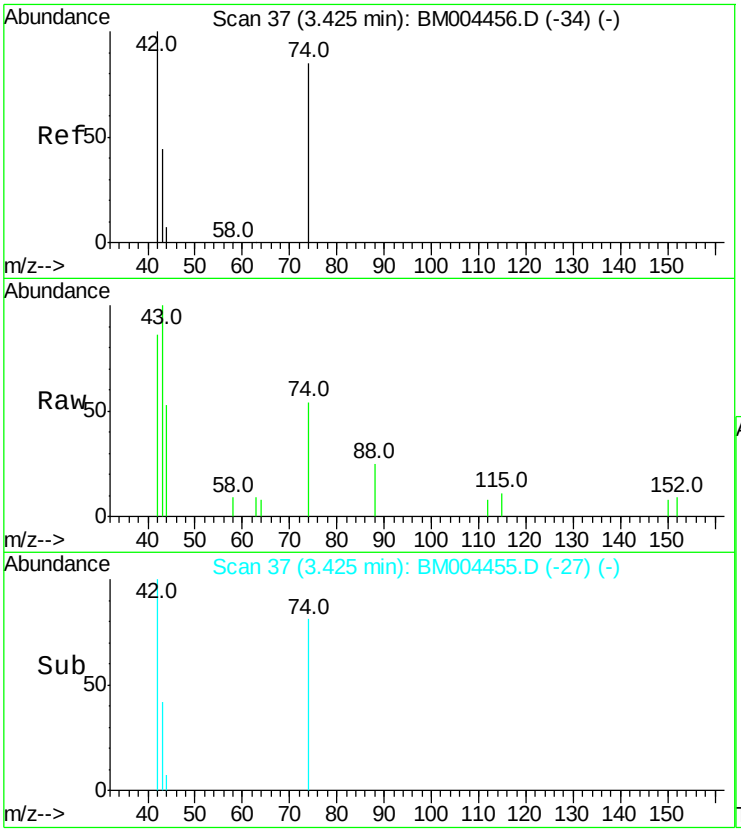


#2
1,4-Dioxane
Concen: 0.58 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion: 88 Resp: 887

Ion	Ratio	Lower	Upper
88	100		
58	73.3	58.5	87.7
43	37.9	22.2	33.2#

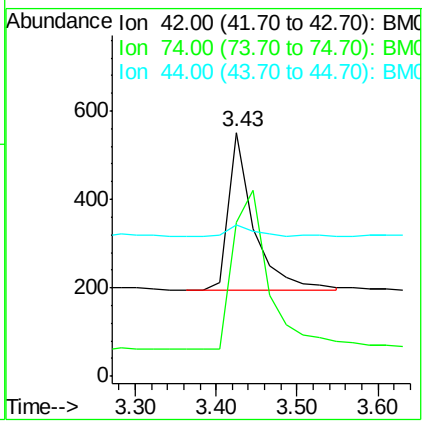




#3
n-Nitrosodimethylamine
Concen: 0.62 ng
RT: 3.43 min Scan# 37
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion: 42 Resp: 770

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	9.6	5.8	8.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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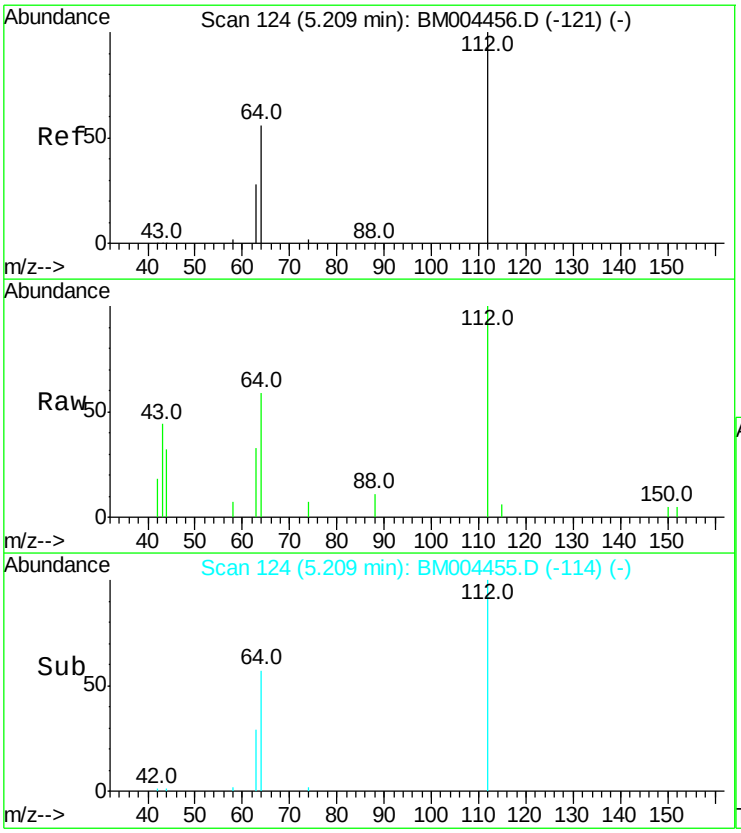
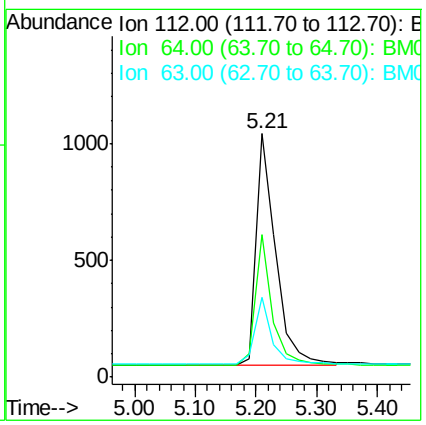
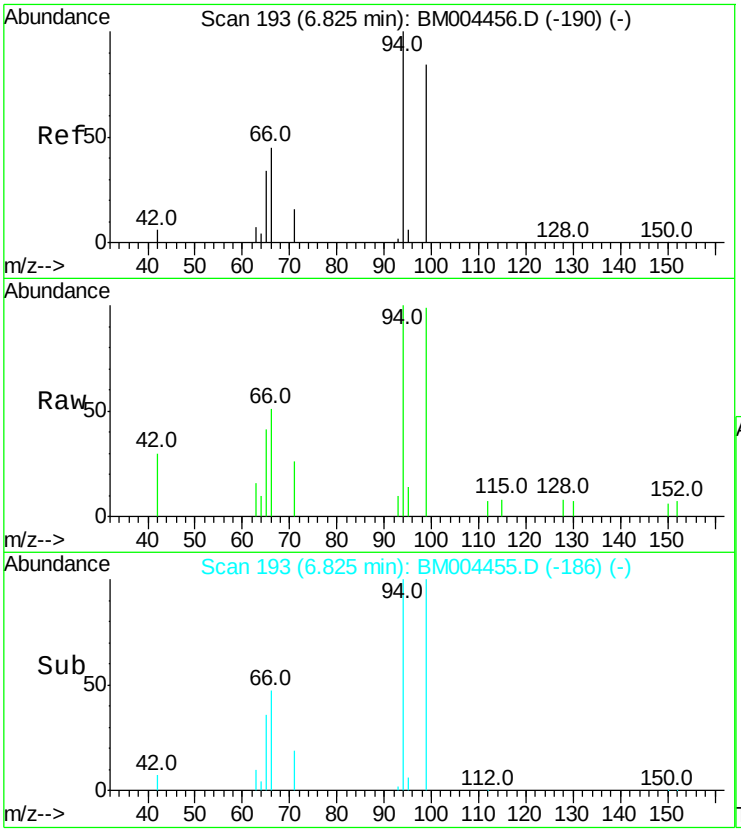


#4
2-Fluorophenol
Concen: 0.76 ng
RT: 5.21 min Scan# 124
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:112 Resp: 2259

Ion	Ratio	Lower	Upper
112	100		
64	49.2	39.4	59.2
63	25.1	19.9	29.9

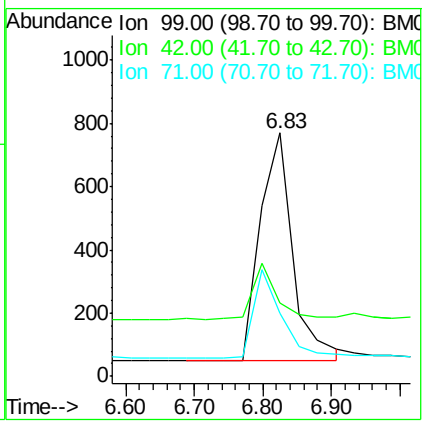




#5
Phenol-d6
Concen: 0.67 ng
RT: 6.83 min Scan# 193
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion: 99 Resp: 2373

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



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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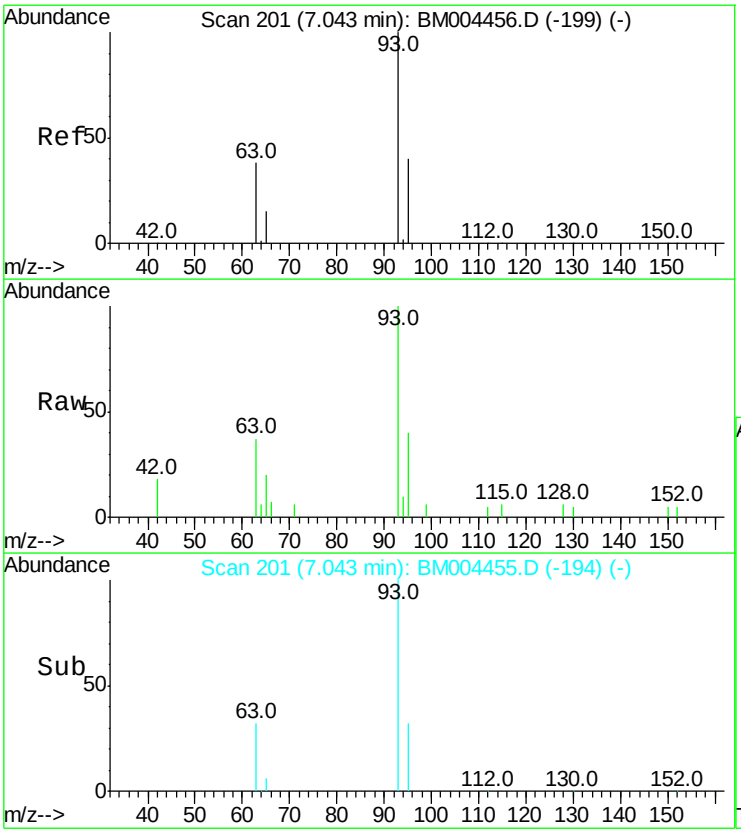
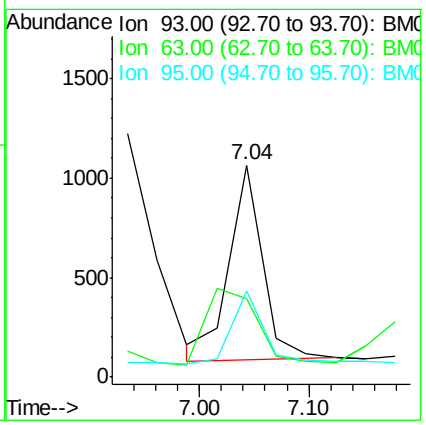
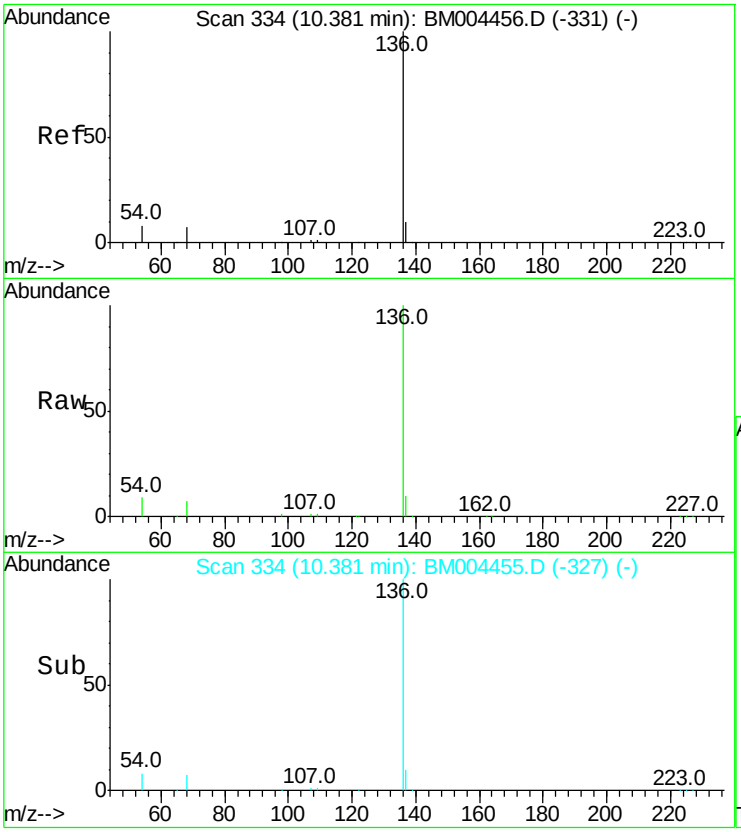


#6
bis(2-Chloroethyl)ether
Concen: 0.64 ng
RT: 7.04 min Scan# 201
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion: 93 Resp: 2074

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	34.8	27.1	40.7

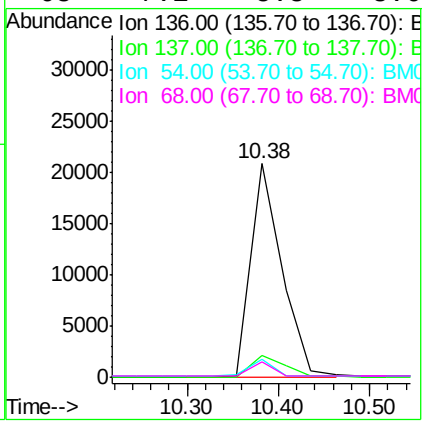




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:136 Resp: 49107

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.0	12.0
54	8.7	7.0	10.6
68	7.1	5.8	8.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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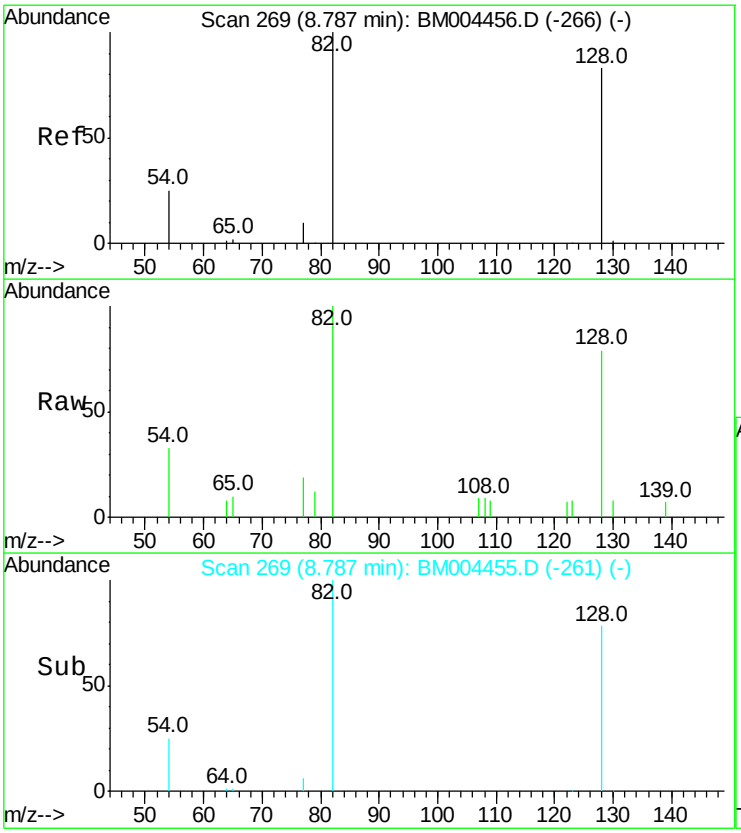
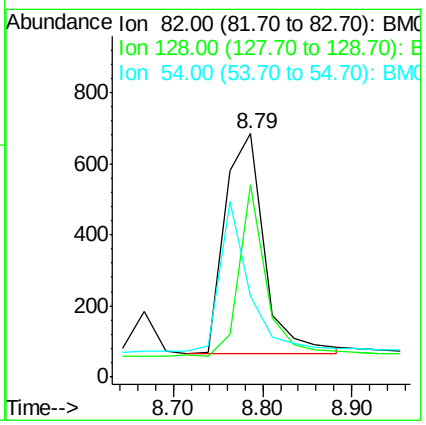
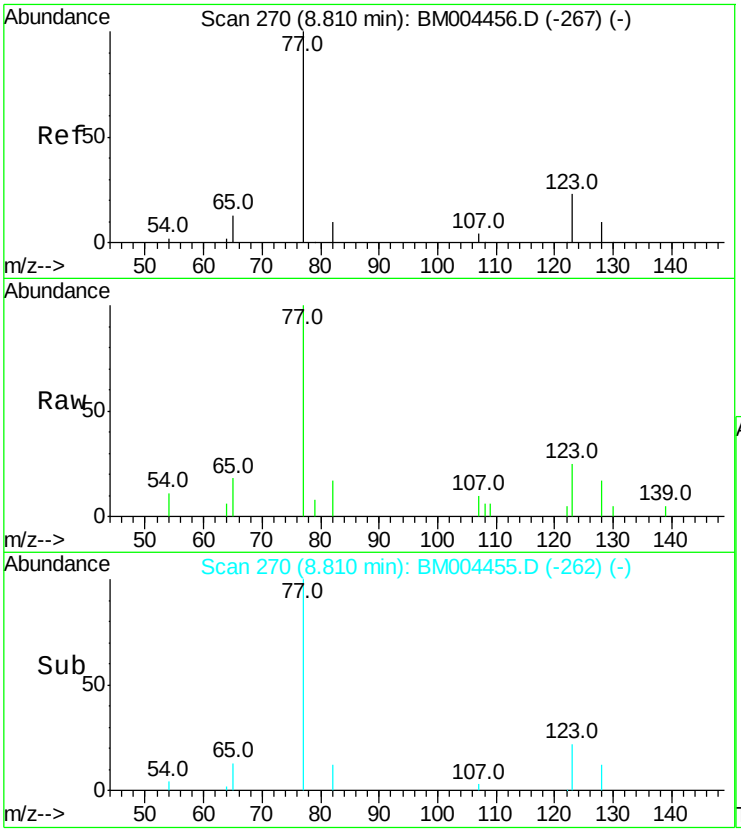


#8
Nitrobenzene-d5
Concen: 0.87 ng
RT: 8.79 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion: 82 Resp: 1913

Ion	Ratio	Lower	Upper
82	100		
128	79.0	67.0	100.6
54	33.1	25.2	37.8

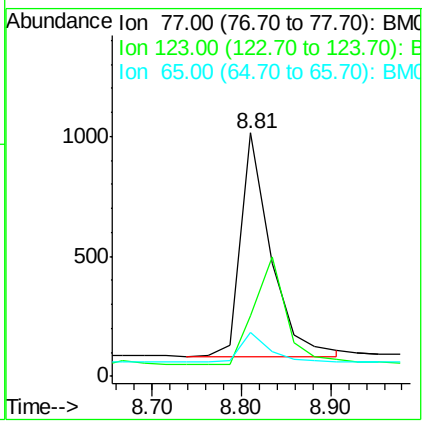




#9
Nitrobenzene
Concen: 0.86 ng
RT: 8.81 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion: 77 Resp: 2169

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



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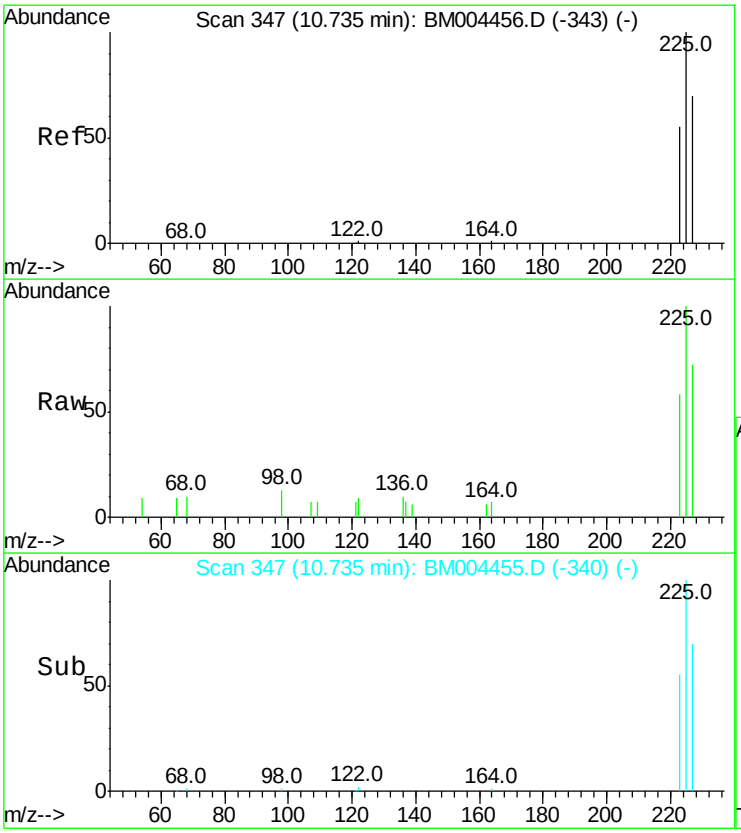
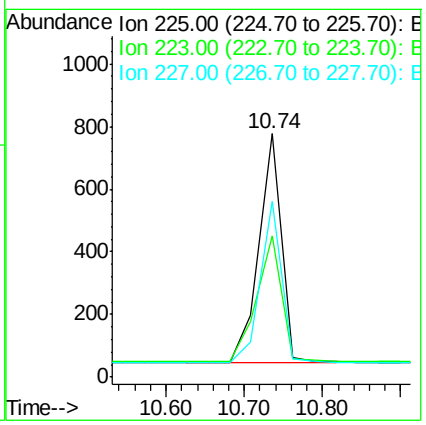
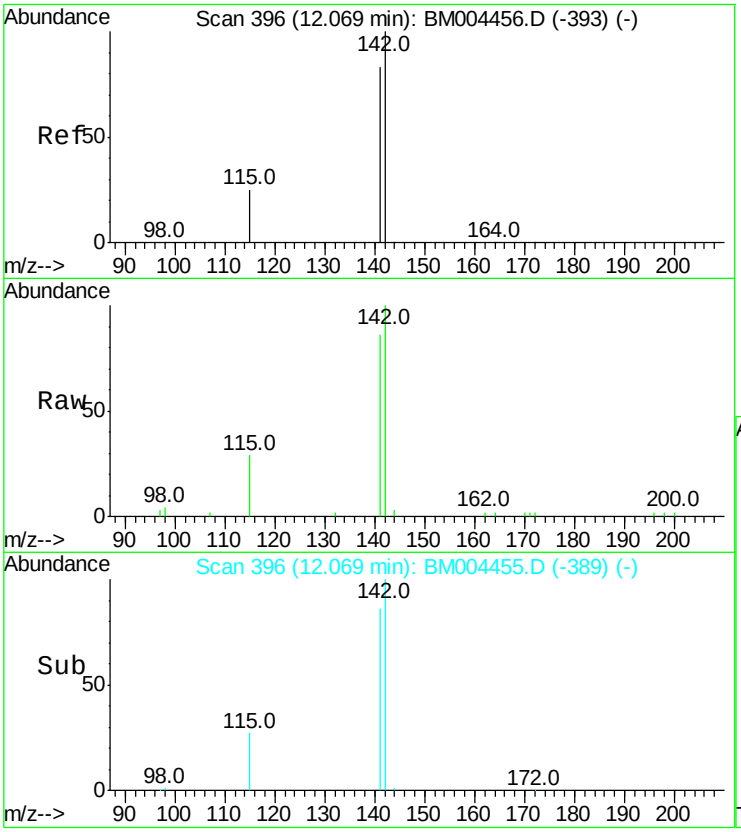


#10
Hexachlorobutadiene
Concen: 0.82 ng
RT: 10.74 min Scan# 347
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:225 Resp: 1471

Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.4	72.6
227	66.1	52.8	79.2

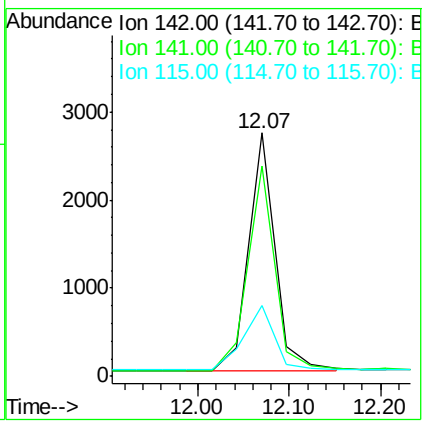




#11
2-Methylnaphthalene
Concen: 0.73 ng
RT: 12.07 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:142 Resp: 5459

Ion	Ratio	Lower	Upper
142	100		
141	86.3	66.4	99.6
115	29.0	21.6	32.4



Instrument :
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ClientSampleId :
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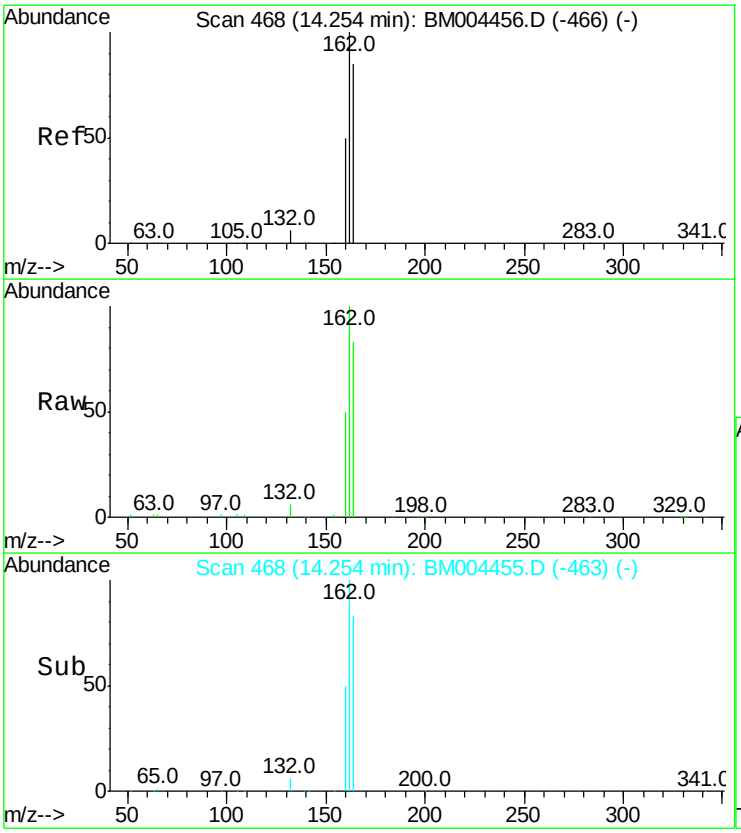
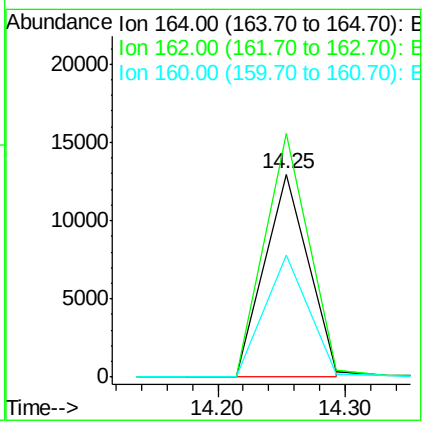
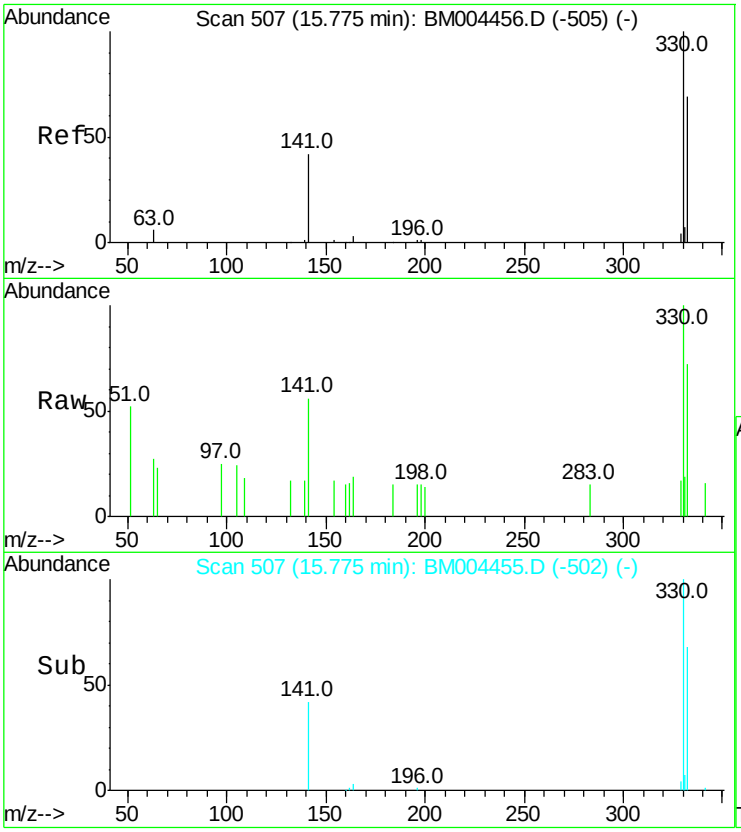


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:164 Resp: 30969

Ion	Ratio	Lower	Upper
164	100		
162	120.0	94.6	141.8
160	60.1	47.0	70.4

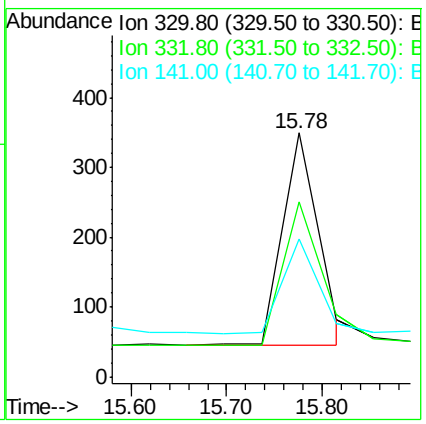




#13
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:330 Resp: 798

Ion	Ratio	Lower	Upper
330	100		
332	73.1	59.2	88.8
141	44.9	33.0	49.4



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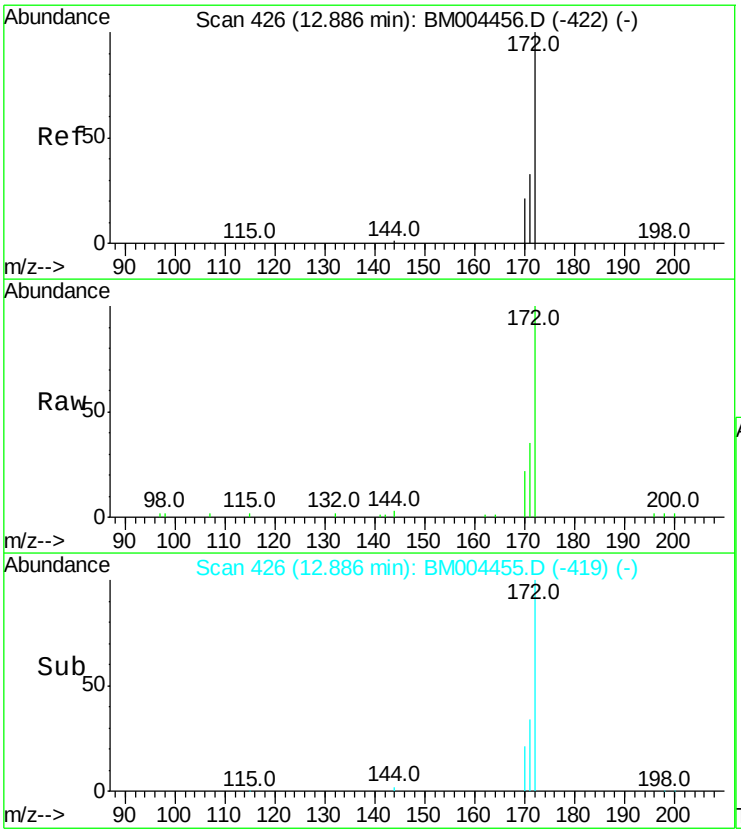
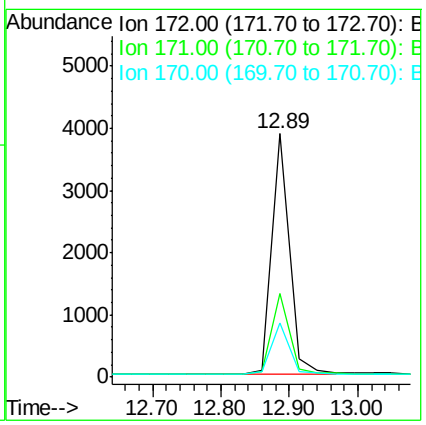
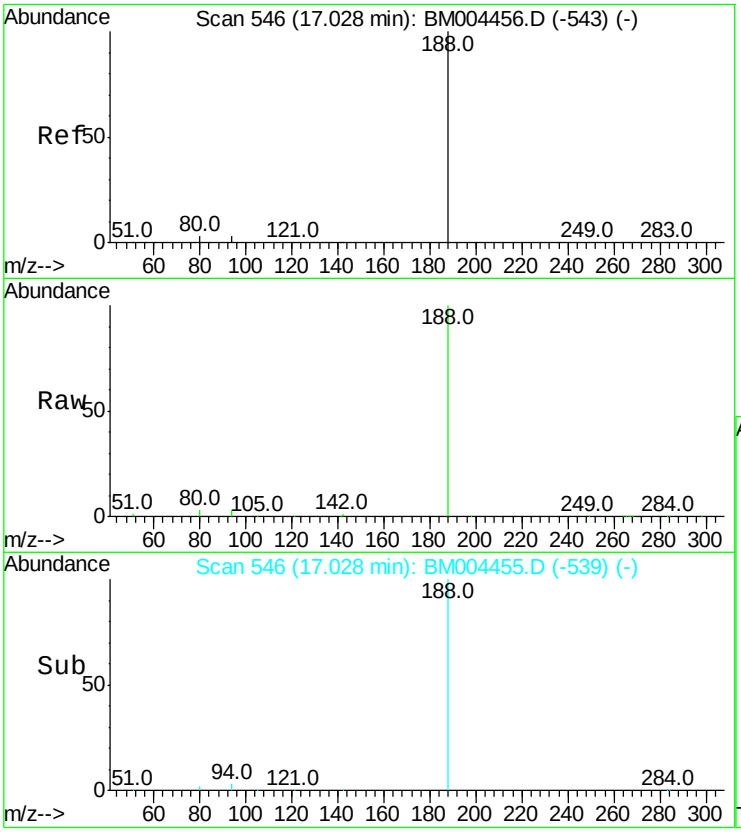


#14
2-Fluorobiphenyl
Concen: 0.74 ng
RT: 12.89 min Scan# 426
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:172 Resp: 6978

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.2	40.8
170	22.4	17.4	26.0

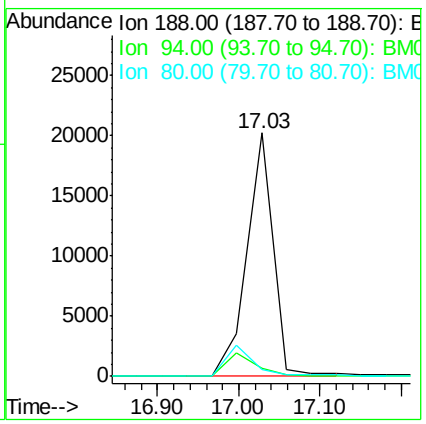




#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:188 Resp: 45402

Ion	Ratio	Lower	Upper
188	100		
94	3.3	2.7	4.1
80	2.8	2.2	3.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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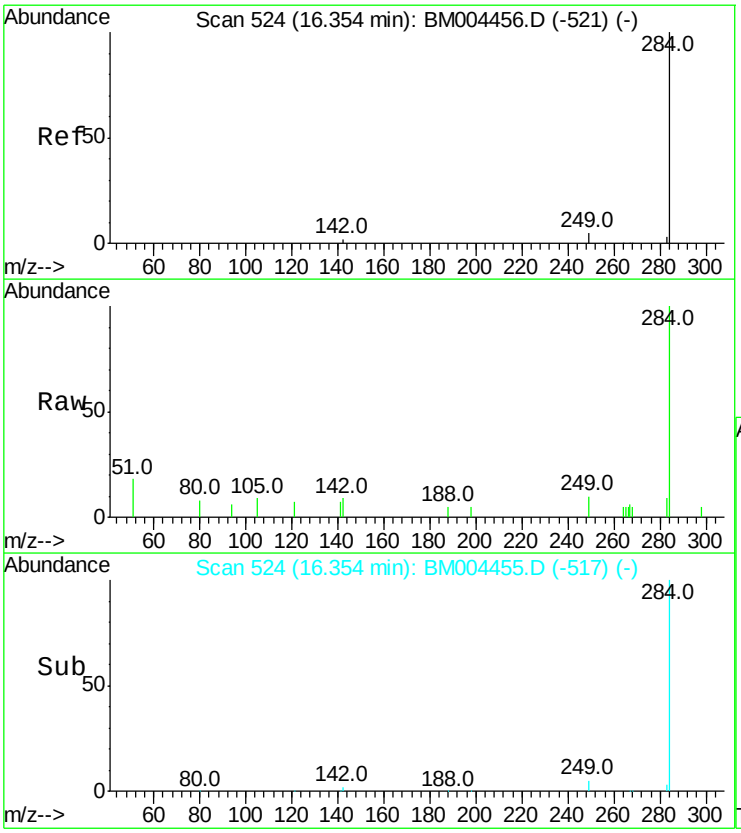
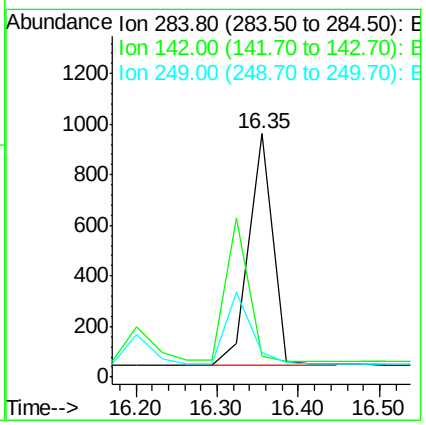
2/29/2016 2:48:48 PM

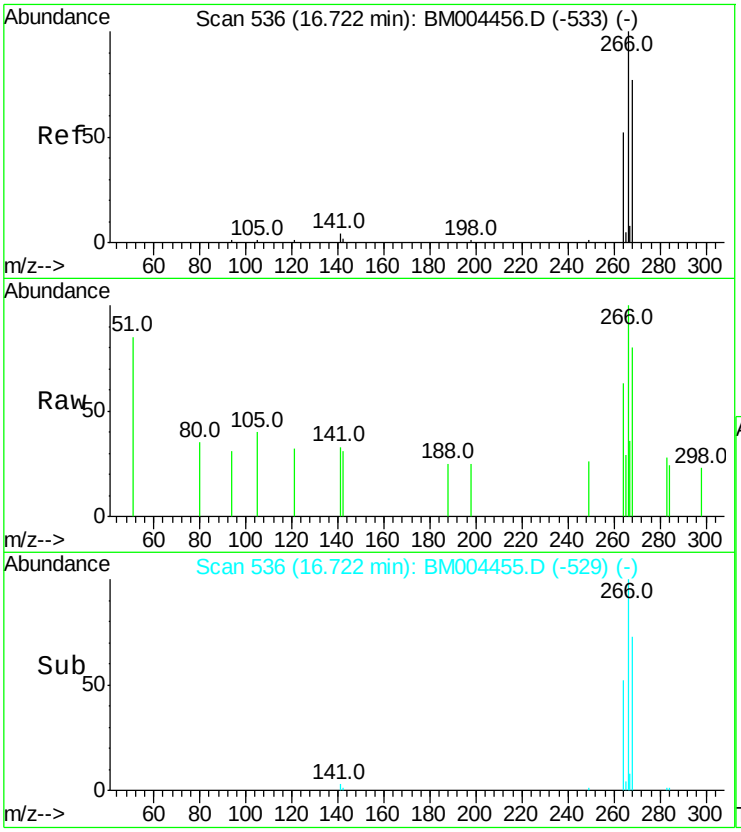


#16
Hexachlorobenzene
Concen: 1.13 ng
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:284 Resp: 1866

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

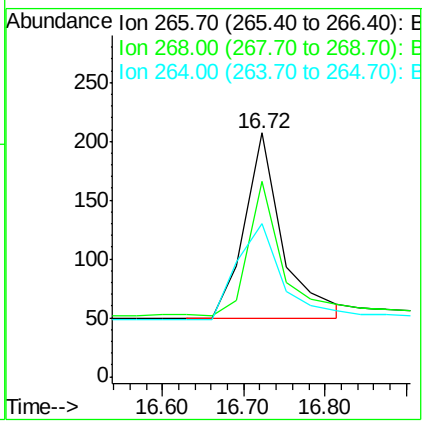




#17
Pentachlorophenol
Concen: 1.21 ng
RT: 16.72 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:266 Resp: 520

Ion	Ratio	Lower	Upper
266	100		
268	80.2	66.8	100.2
264	62.8	49.4	74.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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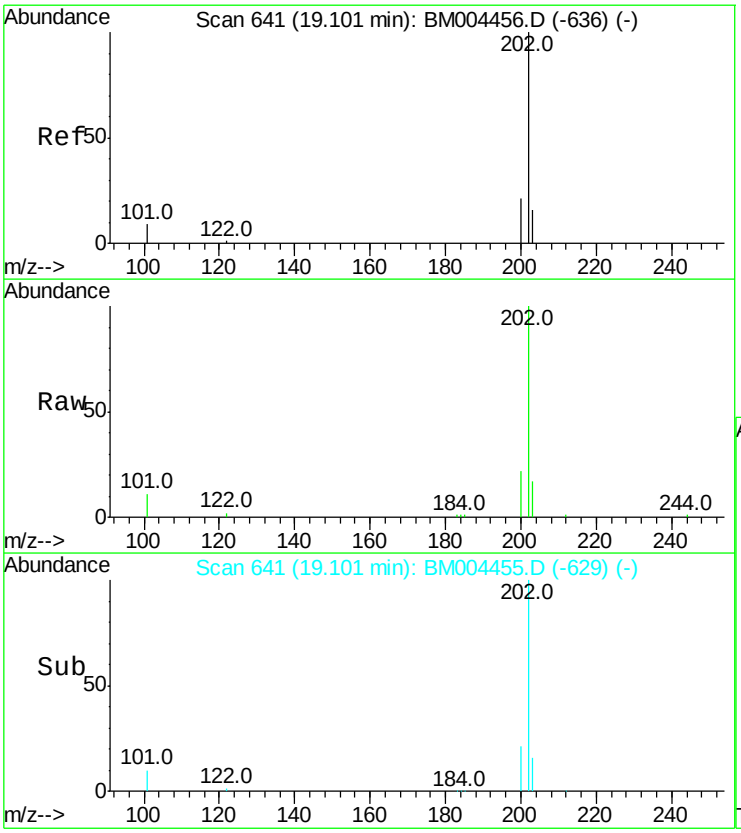
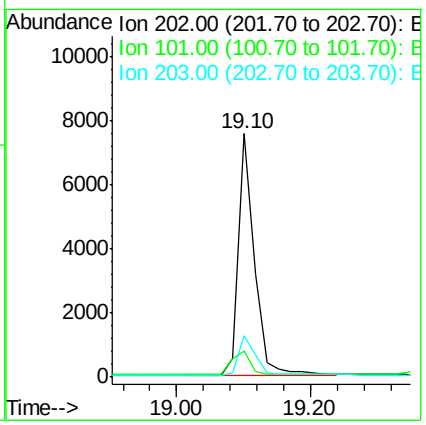
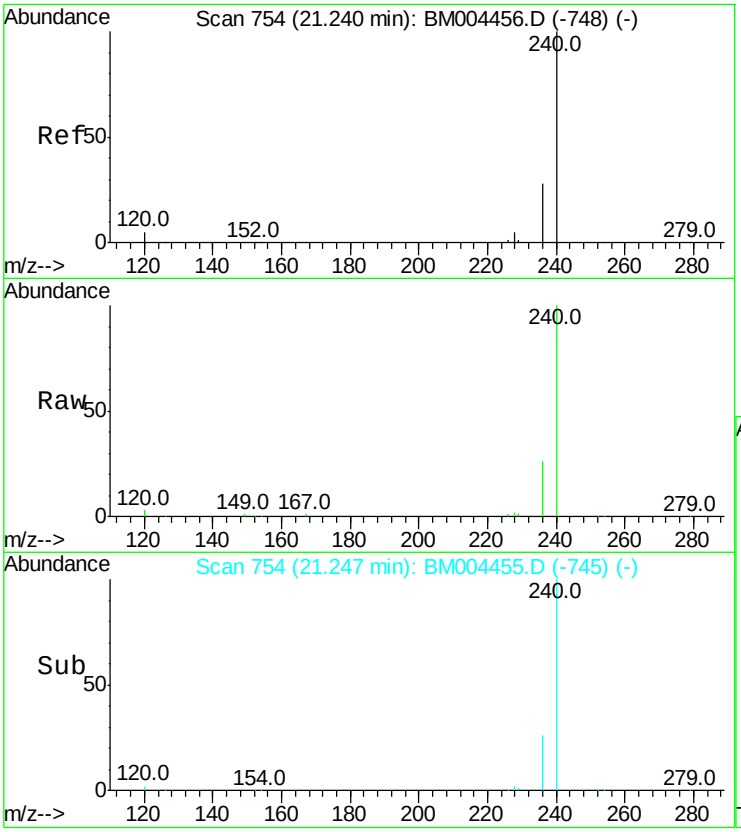


#18
Fluoranthene
Concen: 0.98 ng
RT: 19.10 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:202 Resp: 12510

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.4	14.0
203	17.4	13.9	20.9

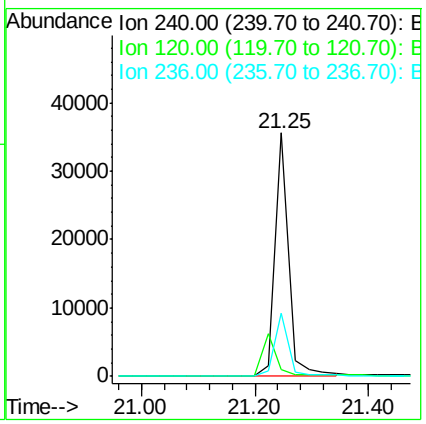




#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 754
Delta R.T. 0.01 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:240 Resp: 58666

Ion	Ratio	Lower	Upper
240	100		
120	2.6	4.0	6.0#
236	25.7	22.7	34.1



Instrument :
BNA_M
ClientSampleId :
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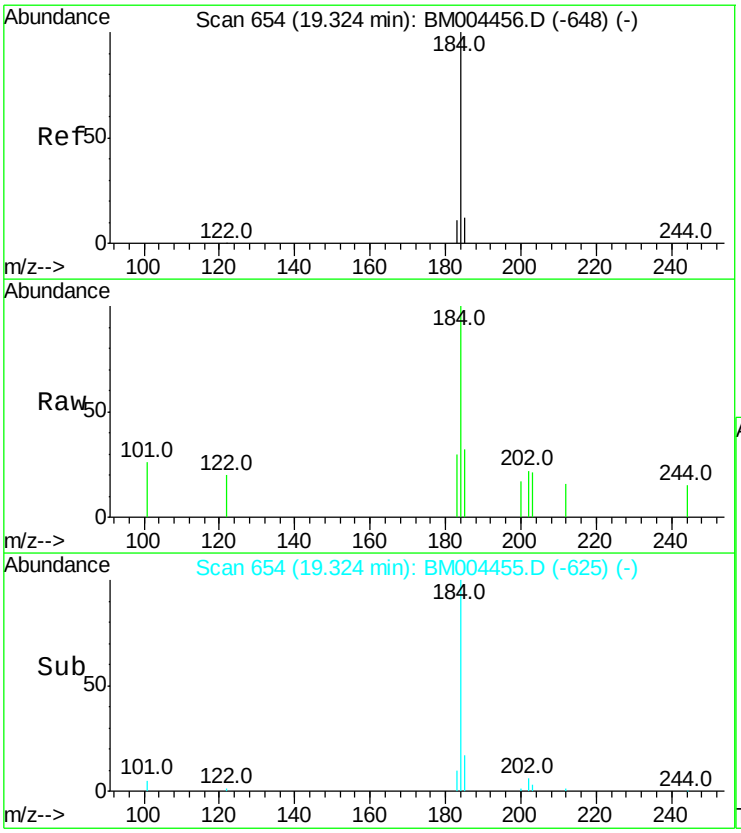
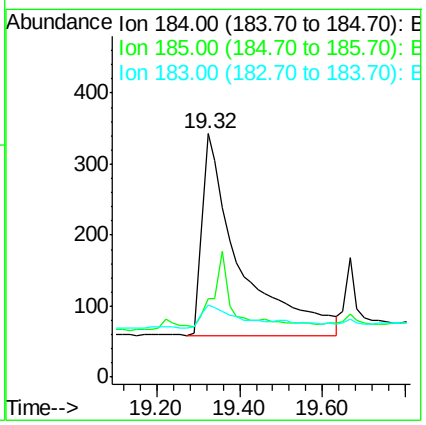
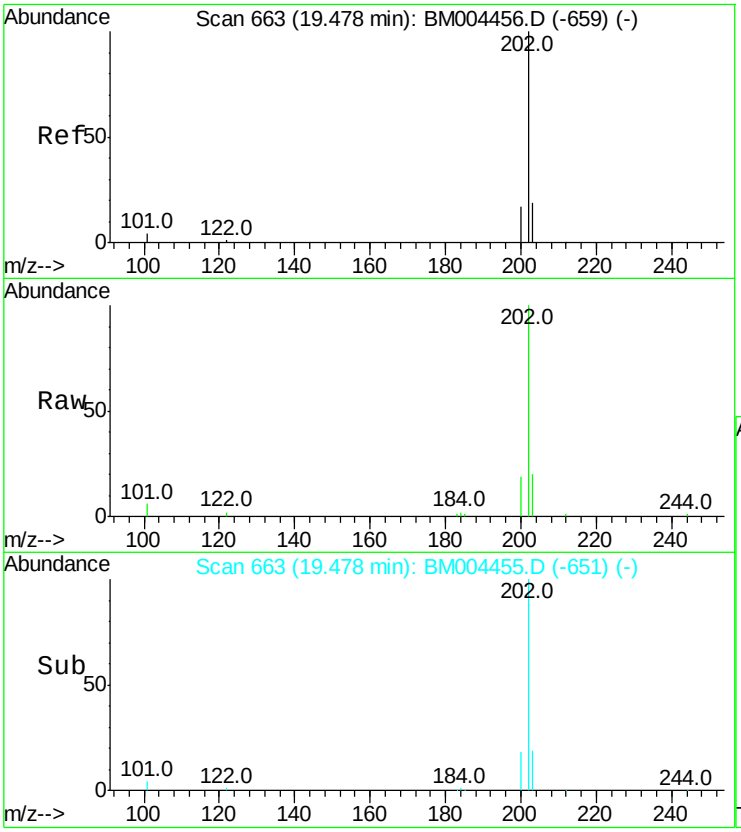


#20
Benzidine
Concen: 0.63 ng
RT: 19.32 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:184 Resp: 1786

Ion	Ratio	Lower	Upper
184	100		
185	32.1	20.8	31.2#
183	29.7	18.5	27.7#

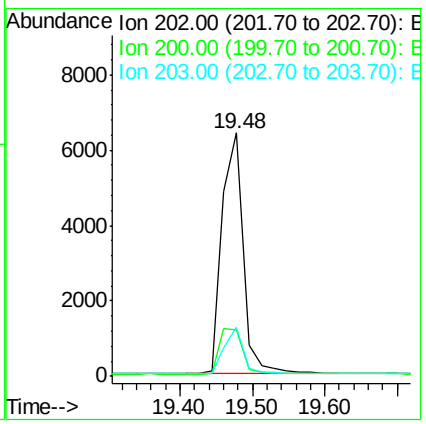




#21
Pyrene
Concen: 0.78 ng
RT: 19.48 min Scan# 663
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:202 Resp: 12972

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.6	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
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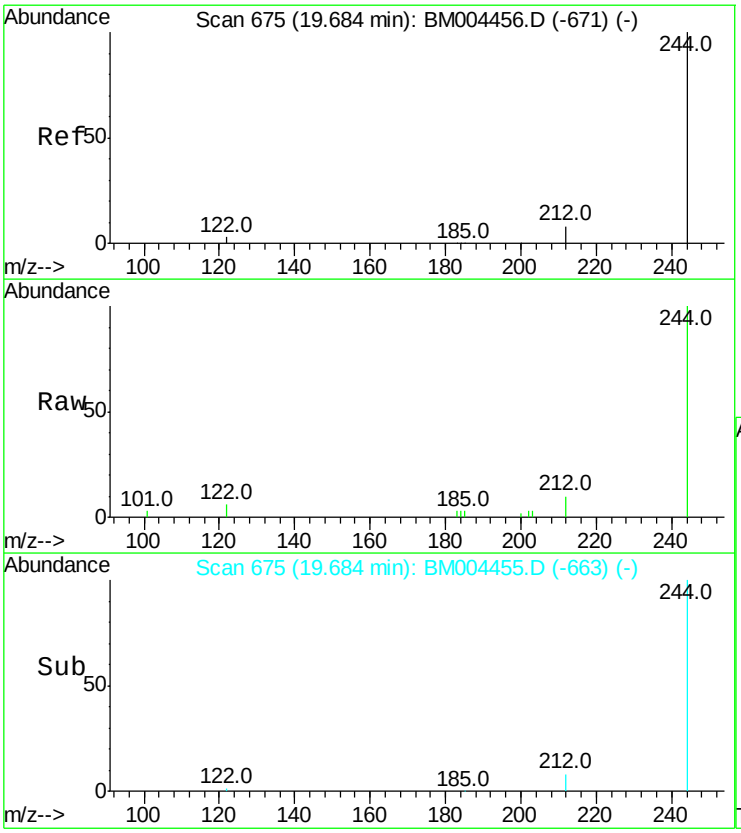
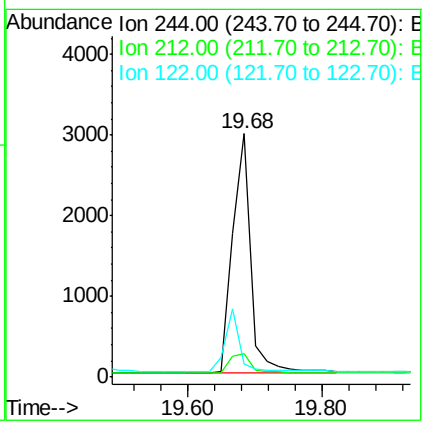
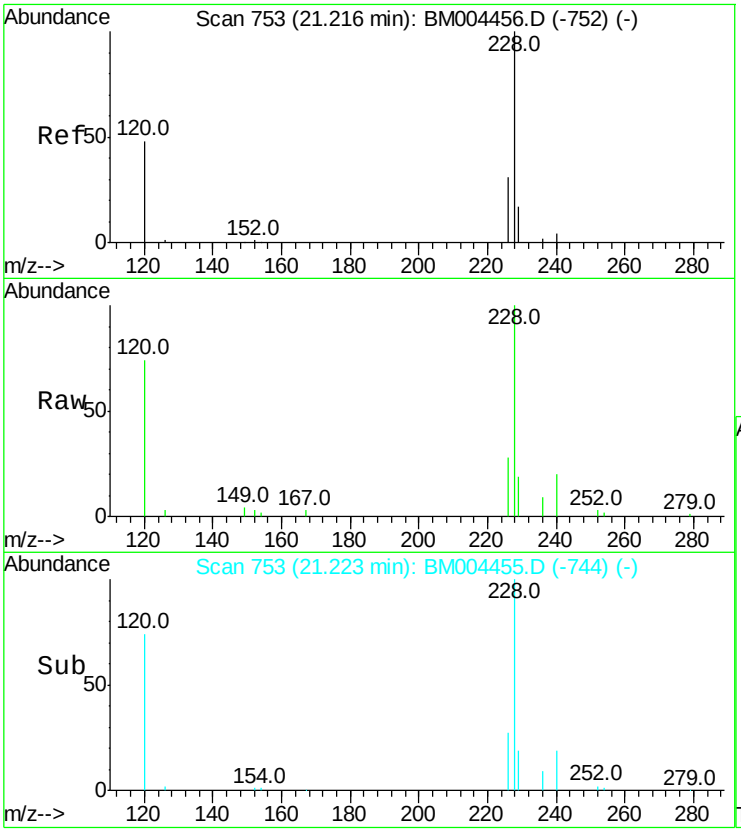


#22
Terphenyl-d14
Concen: 0.74 ng
RT: 19.68 min Scan# 675
Delta R.T. 0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:244 Resp: 5560

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.2
122	5.5	4.2	6.2

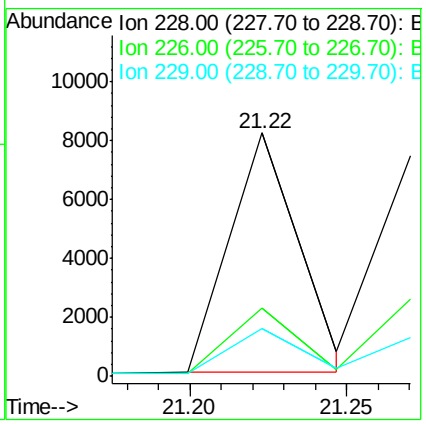




#23
Benzo(a)anthracene
Concen: 0.72 ng m
RT: 21.22 min Scan# 753
Delta R.T. 0.01 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:228 Resp: 12653

Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.1	37.7
229	19.4	14.2	21.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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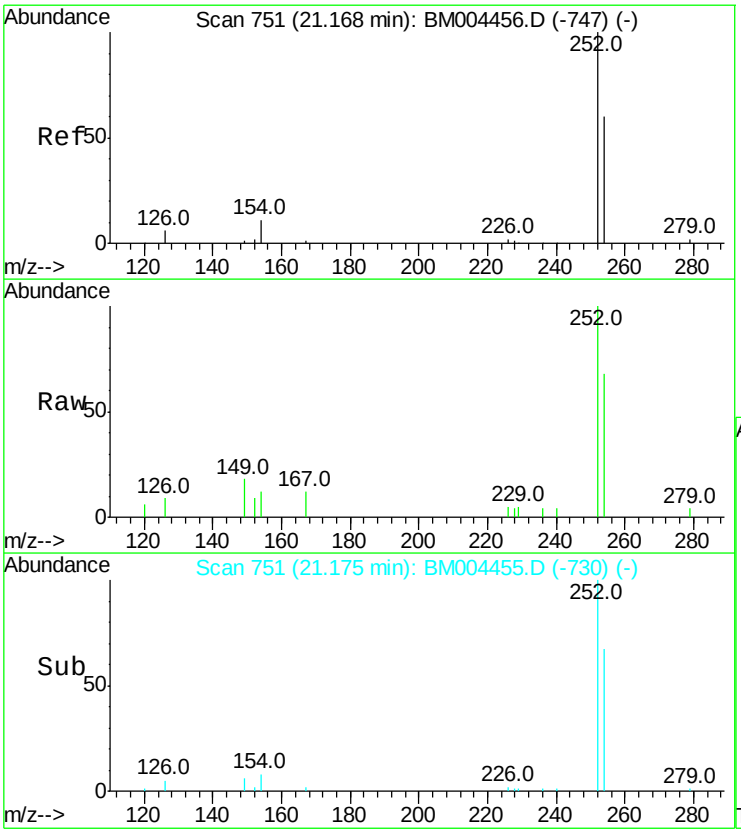
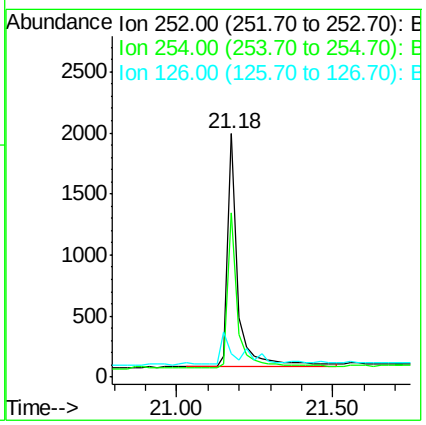
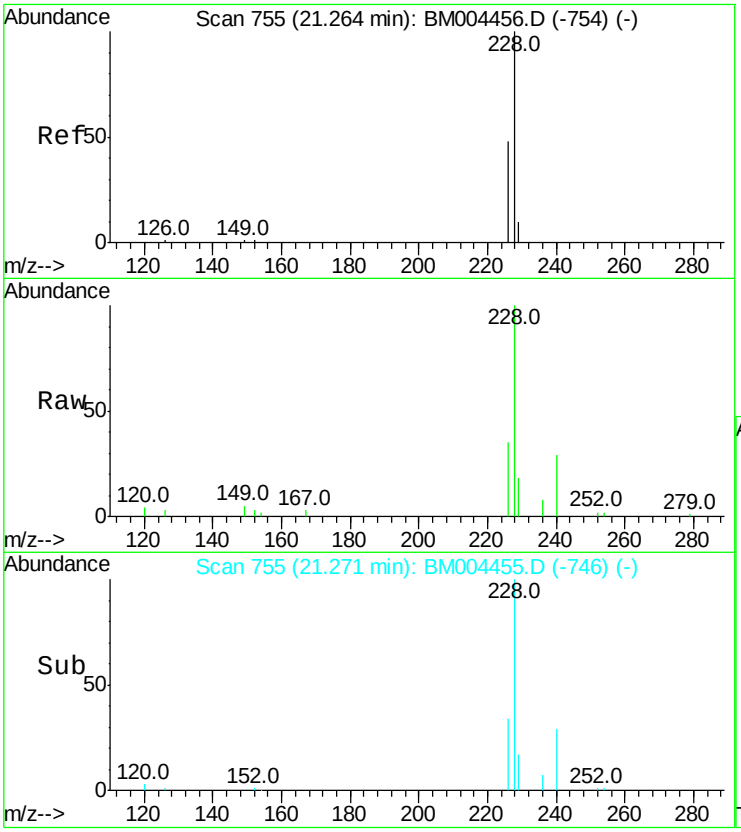


#24
3,3'-Dichlorobenzidine
Concen: 1.04 ng
RT: 21.18 min Scan# 751
Delta R.T. 0.01 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:252 Resp: 4416

Ion	Ratio	Lower	Upper
252	100		
254	67.6	48.7	73.1
126	9.5	8.2	12.2

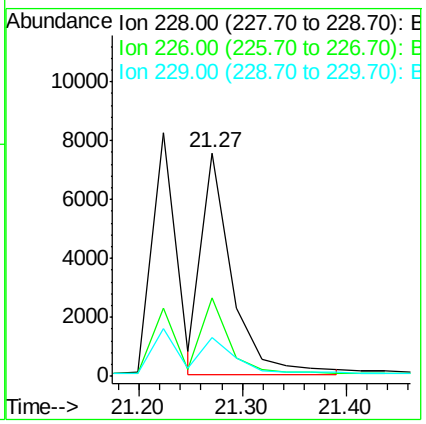




#25
Chrysene
Concen: 0.96 ng m
RT: 21.27 min Scan# 755
Delta R.T. 0.01 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:228 Resp: 15610

Ion	Ratio	Lower	Upper
228	100		
226	35.0	31.0	46.6
229	17.6	13.4	20.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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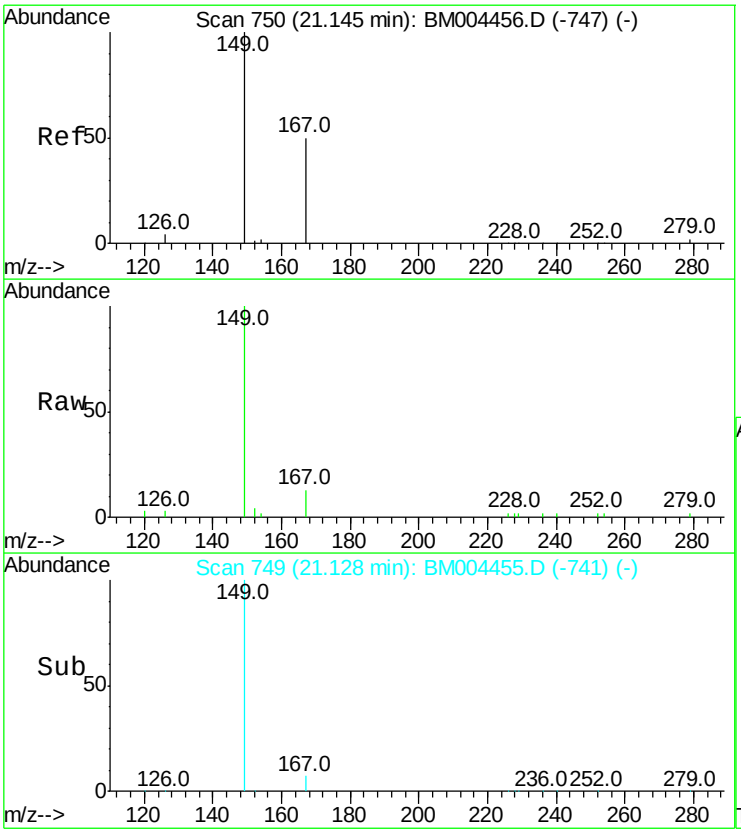
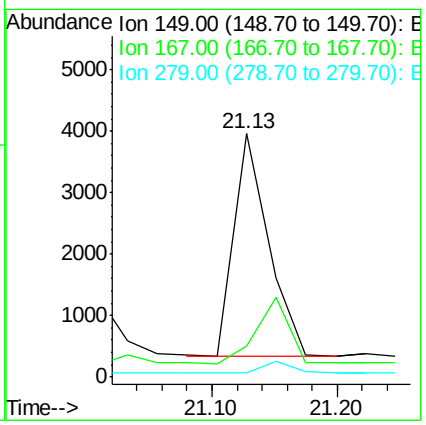
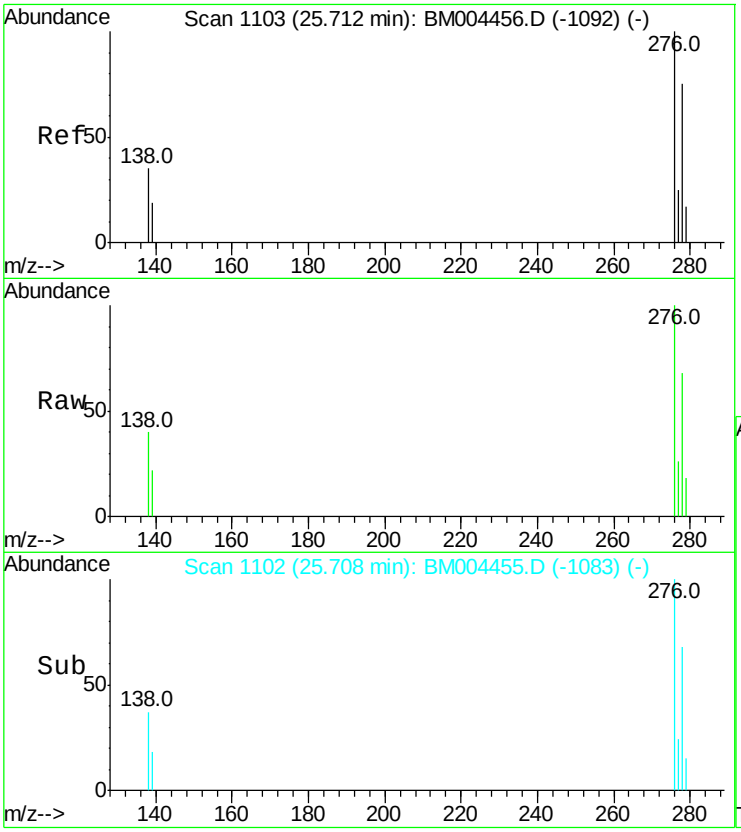


#26
Bis(2-ethylhexyl)phthalate
Concen: 0.93 ng
RT: 21.13 min Scan# 749
Delta R.T. -0.02 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:149 Resp: 6974

Ion	Ratio	Lower	Upper
149	100		
167	0.0	33.1	49.7#
279	0.0	2.0	3.0#

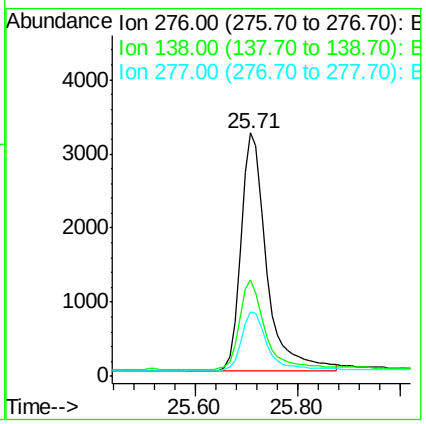




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.66 ng
RT: 25.71 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:276 Resp: 11209

Ion	Ratio	Lower	Upper
276	100		
138	37.4	30.0	45.0
277	24.7	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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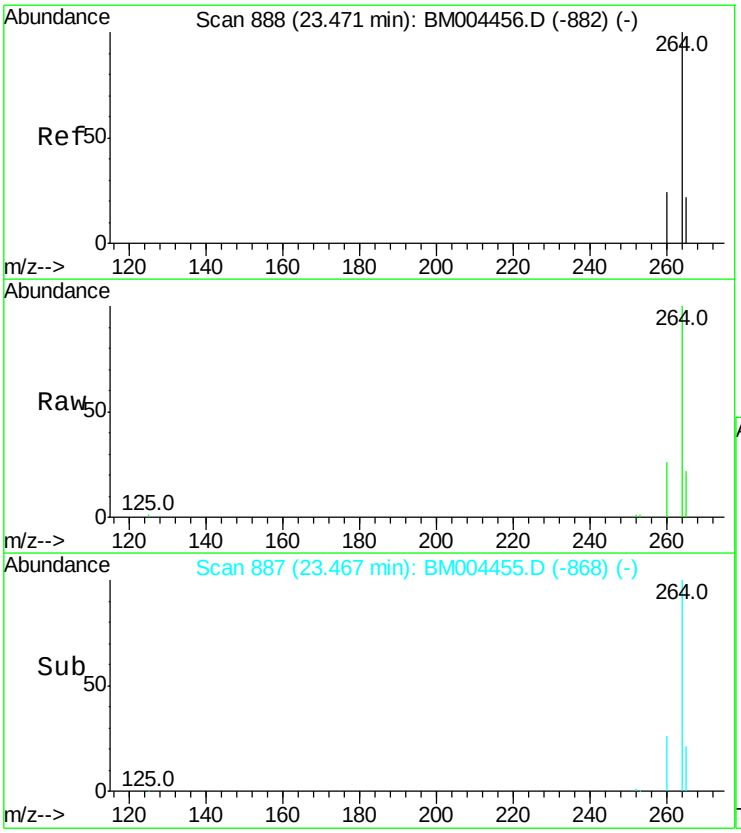
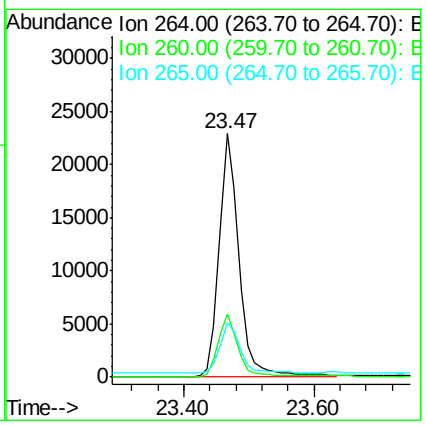
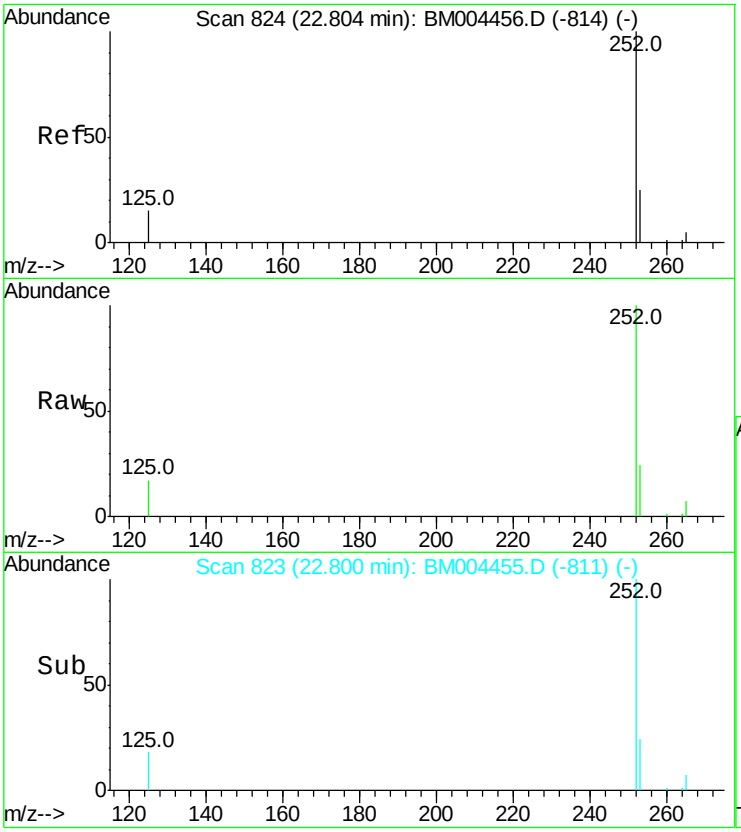


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 887
Delta R.T. -0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:264 Resp: 47872

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.4	29.2
265	22.4	18.9	28.3

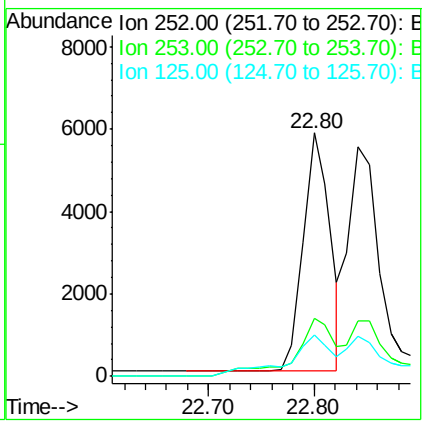




#29
Benzo(b)fluoranthene
Concen: 0.83 ng
RT: 22.80 min Scan# 823
Delta R.T. -0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:252 Resp: 12574

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.8	29.6
125	17.2	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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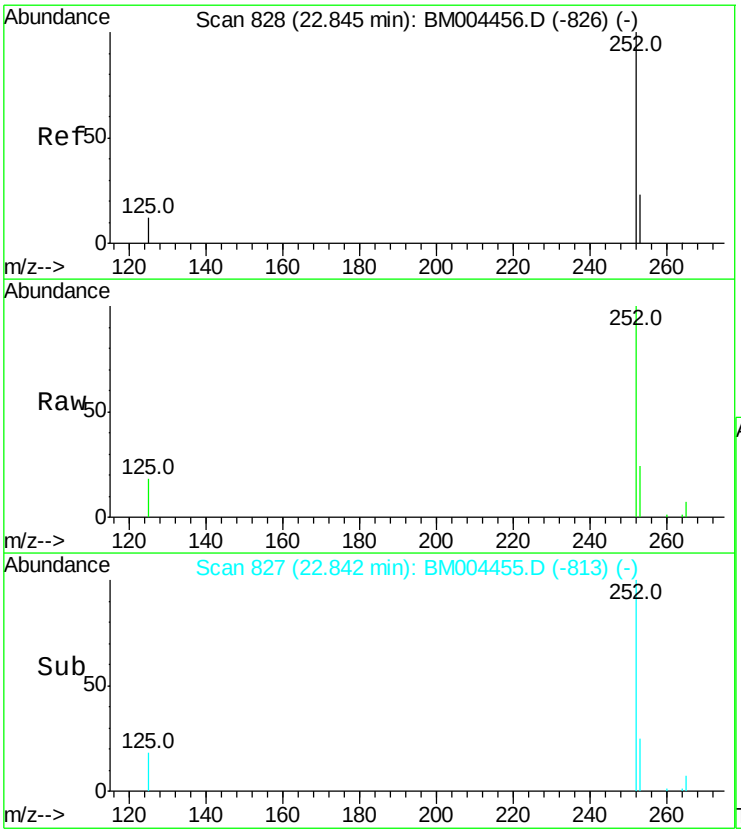
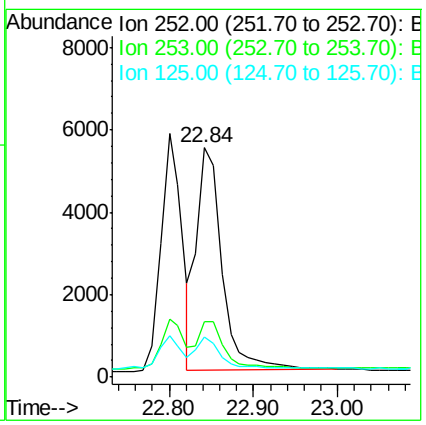
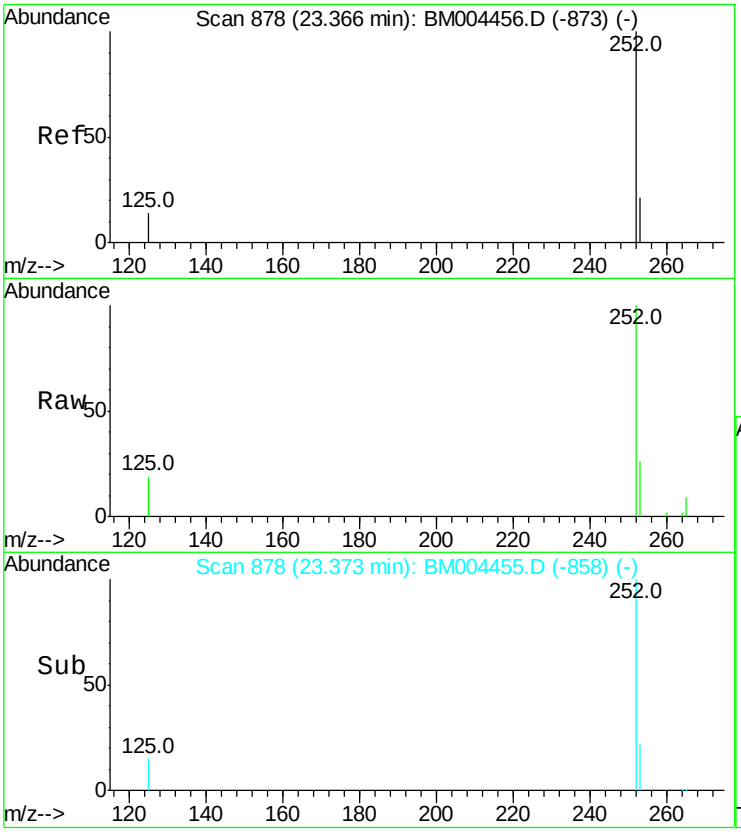


#30
Benzo(k)fluoranthene
Concen: 0.83 ng
RT: 22.84 min Scan# 827
Delta R.T. -0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:252 Resp: 11296

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	17.7	12.4	18.6

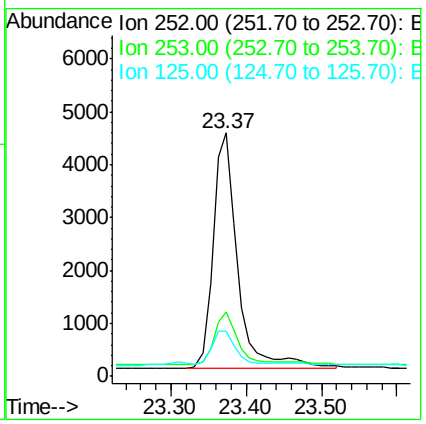




#31
Benzo(a)pyrene
Concen: 0.78 ng
RT: 23.37 min Scan# 878
Delta R.T. 0.01 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:252 Resp: 10262

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.3	28.9
125	18.6	14.4	21.6



Instrument :
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ClientSampleId :
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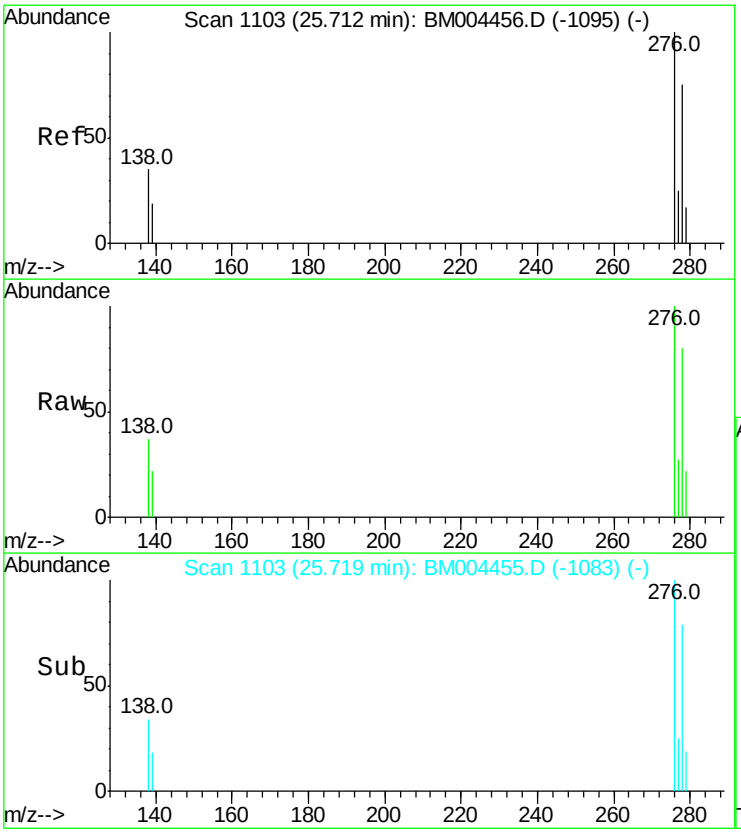
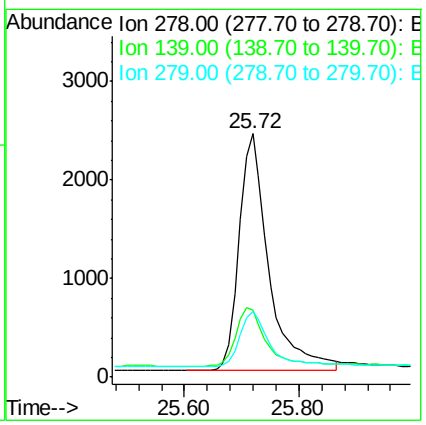
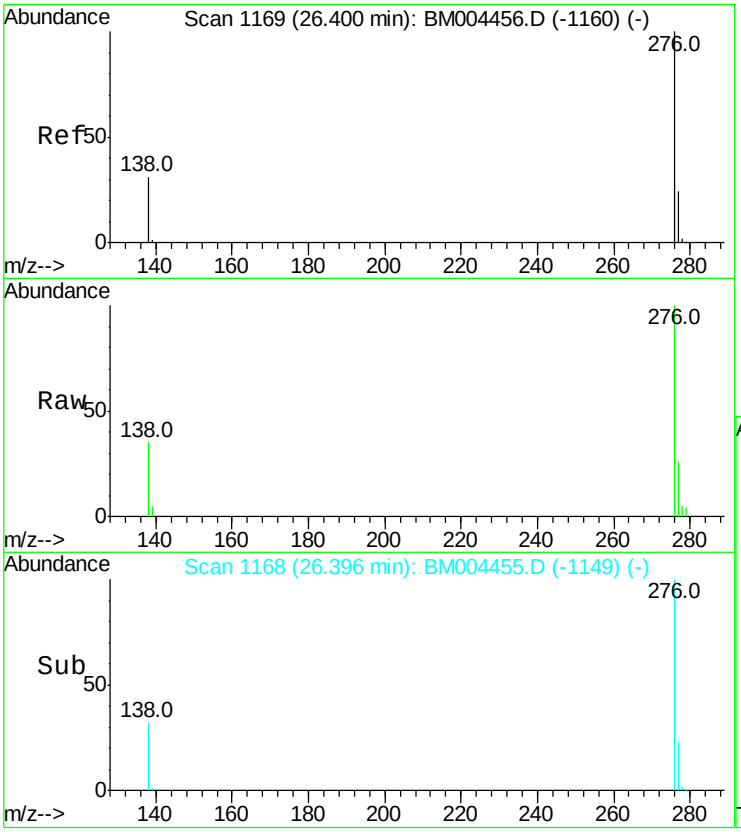


#32
Dibenzo(a,h)anthracene
Concen: 0.74 ng
RT: 25.72 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:278 Resp: 8677

Ion	Ratio	Lower	Upper
278	100		
139	27.7	22.3	33.5
279	27.2	20.7	31.1

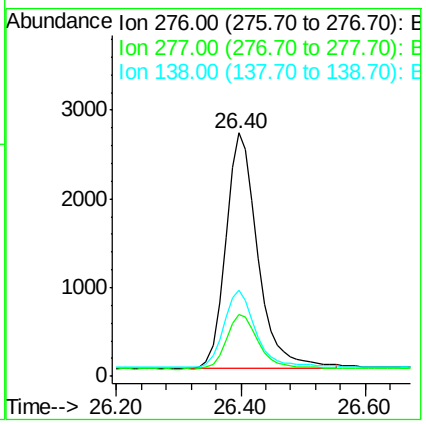




#33
Benzo(g,h,i)perylene
Concen: 0.75 ng
RT: 26.40 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BM004455.D
Acq: 28 Feb 2016 17:54

Tgt Ion:276 Resp: 9618

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.4	30.6
138	35.2	26.4	39.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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