Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022816\
Data File : BM004458.D
Acq On : 28 Feb 2016 19:43
Operator : SJ/UM
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: Feb 29 03:18:56 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	13734	5.00	ng		0.00
7) Naphthalene-d8	10.38	136	48412	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	31892	5.00	ng		0.00
15) Phenanthrene-d10	17.03	188	40553	5.00	ng		0.00
19) Chrysene-d12	21.24	240	59731	5.00	ng		0.00
28) Perylene-d12	23.47	264	45654	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	14832	5.17	ng		0.00
5) Phenol-d6	6.80	99	19601	5.74	ng		-0.03
8) Nitrobenzene-d5	8.76	82	14080	6.48	ng		-0.02
13) 2,4,6-Tribromophenol	15.78	330	7812	8.22	ng		0.00
14) 2-Fluorobiphenyl	12.89	172	44312	4.55	ng		0.00
22) Terphenyl-d14	19.67	244	36390	4.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	5666	3.85	ng		96
3) n-Nitrosodimethylamine	3.43	42	4703	3.94	ng	#	97
6) bis(2-Chloroethyl)ether	7.04	93	12285	3.91	ng	#	97
9) Nitrobenzene	8.81	77	15164	6.10	ng	#	100
10) Hexachlorobutadiene	10.74	225	9291	5.27	ng		100
11) 2-Methylnaphthalene	12.07	142	33840	4.60	ng	#	92
16) Hexachlorobenzene	16.35	284	9936	6.77	ng	#	100
17) Pentachlorophenol	16.69	266	4718	12.28	ng	#	69
18) Fluoranthene	19.10	202	83975	7.36	ng		100
20) Benzidine	19.31	184	23091	8.01	ng	#	78
21) Pyrene	19.46	202	84482	4.96	ng		99
23) Benzo(a)anthracene	21.22	228	149813	8.40	ng		98
24) 3,3'-Dichlorobenzidine	21.17	252	30775	7.11	ng	#	91
25) Chrysene	21.22	228	151640	9.20	ng	#	89
26) Bis(2-ethylhexyl)phthalate	21.14	149	47745	6.28	ng		98
27) Indeno(1,2,3-cd)pyrene	25.70	276	74290	4.31	ng		99
29) Benzo(b)fluoranthene	22.79	252	83034	5.74	ng		95
30) Benzo(k)fluoranthene	22.83	252	71460	5.54	ng		95
31) Benzo(a)pyrene	23.37	252	66851	5.32	ng		95
32) Dibenzo(a,h)anthracene	25.70	278	59260	5.28	ng		95
33) Benzo(g,h,i)perylene	26.39	276	63282	5.16	ng		97

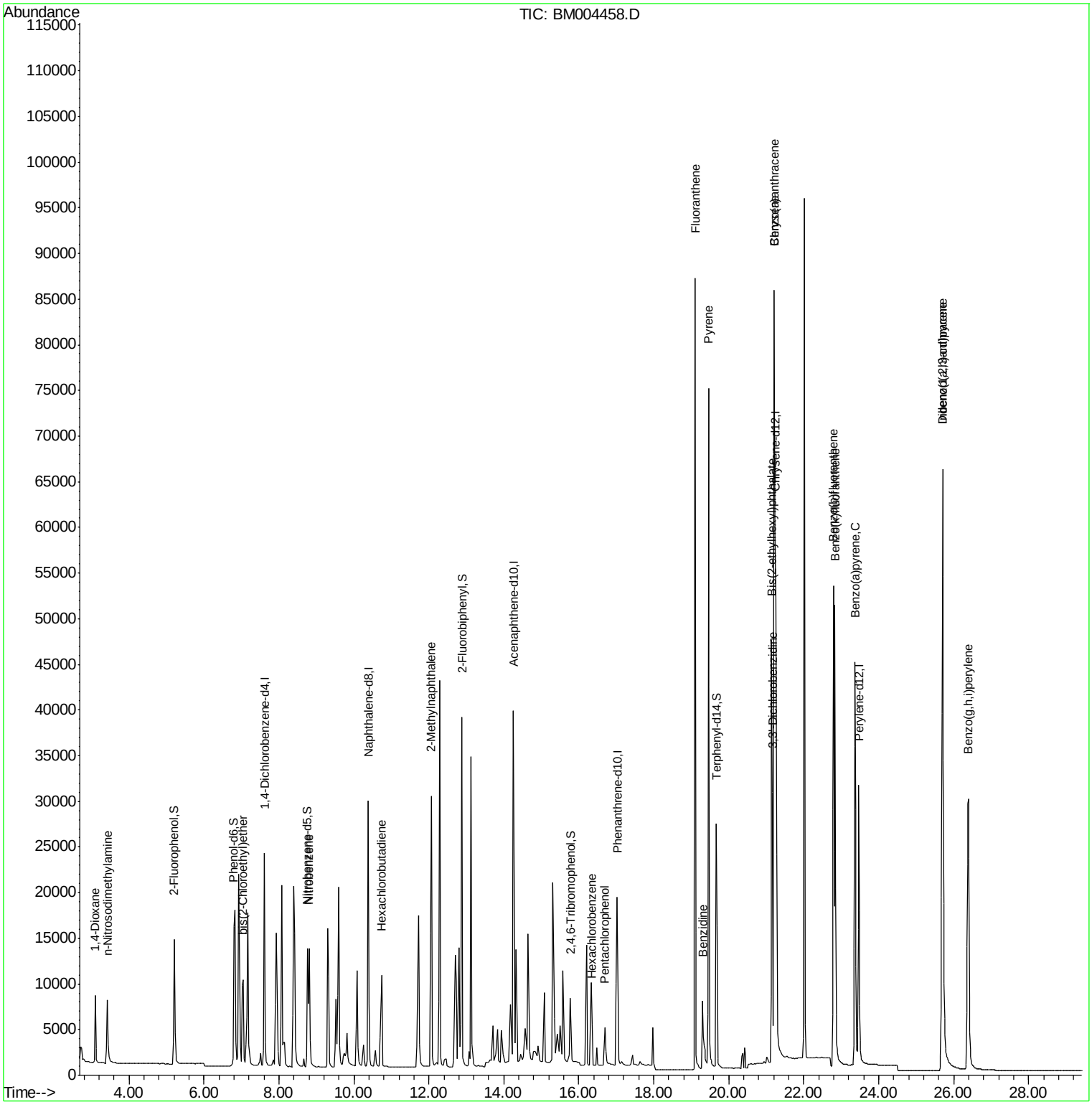
(#) = qualifier out of range (m) = manual integration (+) = signals summed

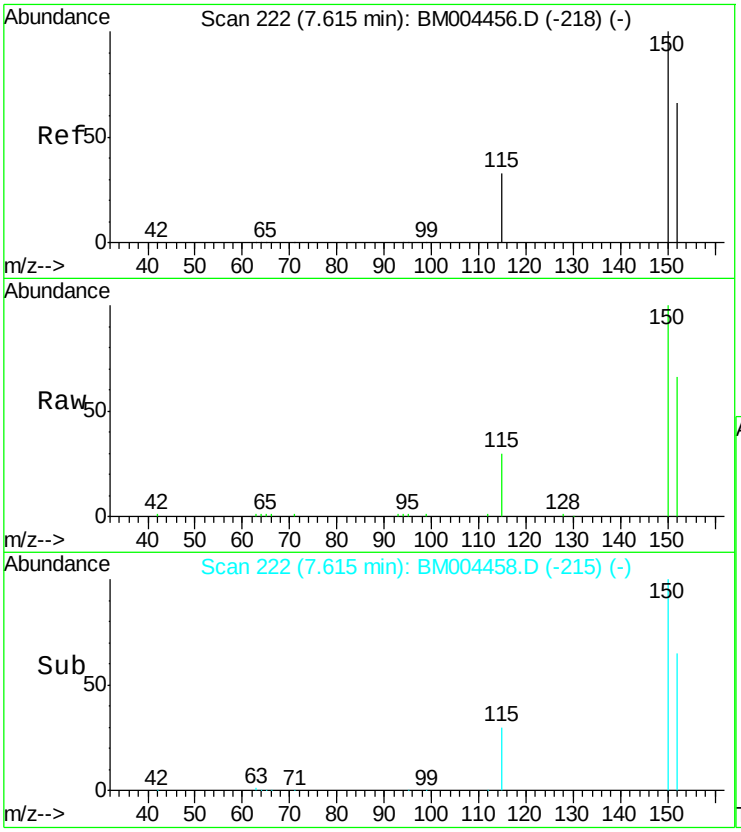
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022816\
Data File : BM004458.D
Acq On : 28 Feb 2016 19:43
Operator : SJ/UM
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Feb 29 03:18:56 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



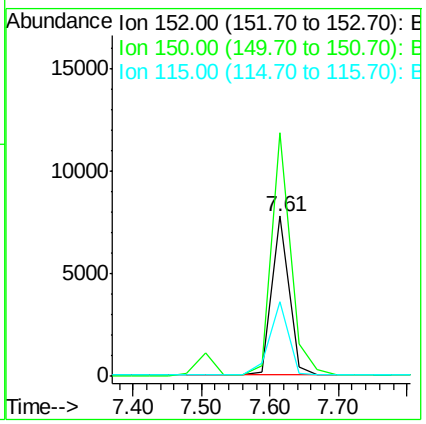


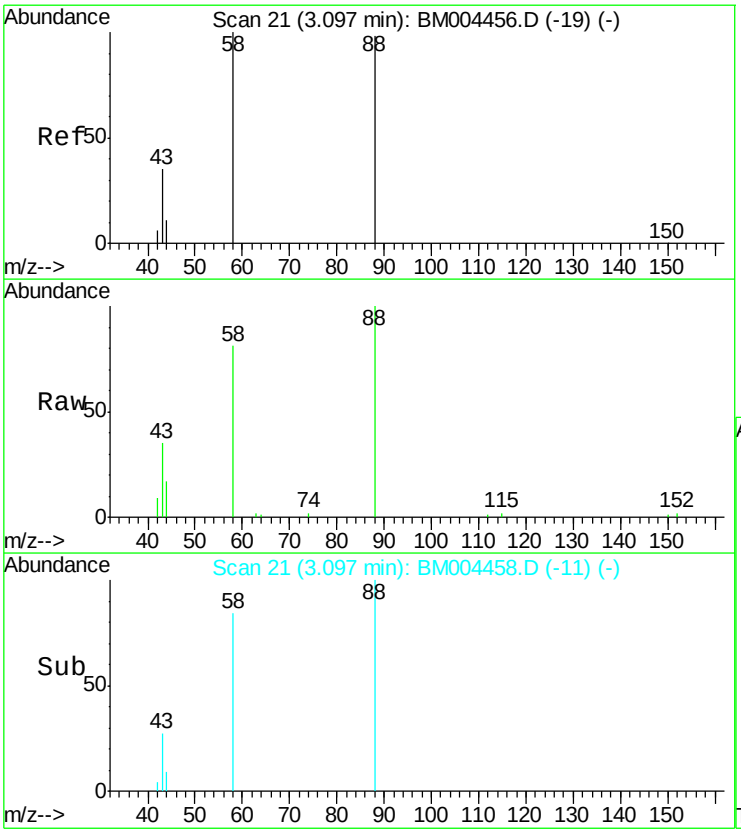
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 13734

Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.9	185.9
115	46.5	40.6	61.0

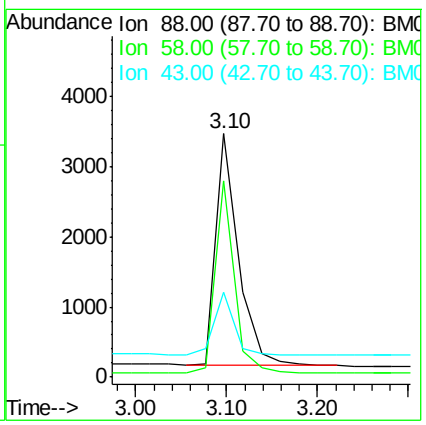


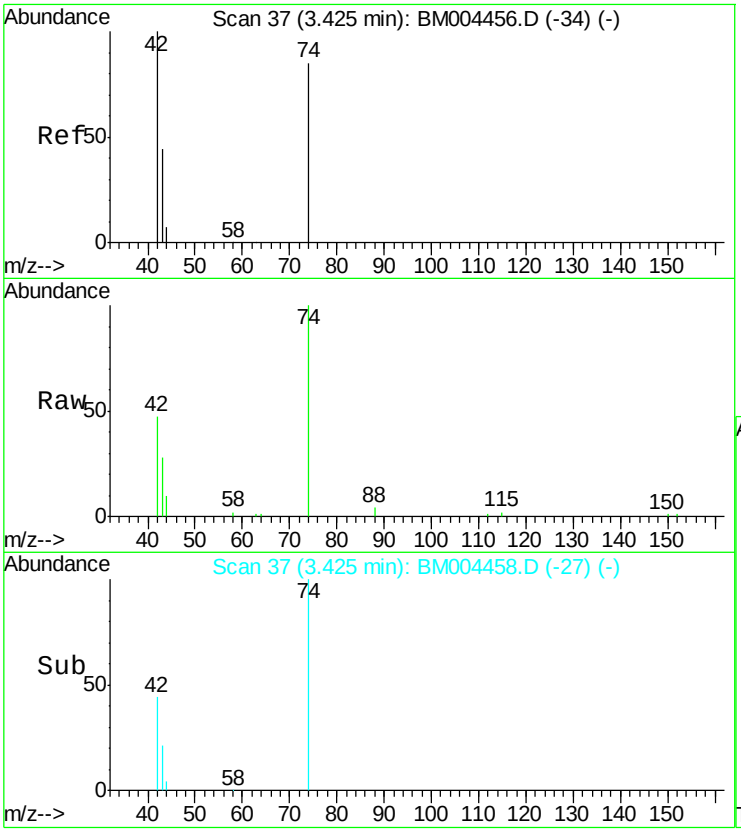


#2
1,4-Dioxane
Concen: 3.85 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion: 88 Resp: 5666

Ion	Ratio	Lower	Upper
88	100		
58	70.4	58.5	87.7
43	25.3	22.2	33.2



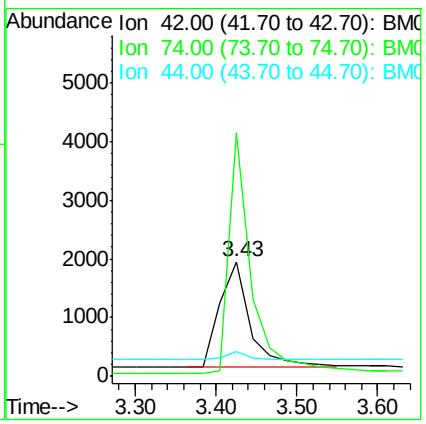


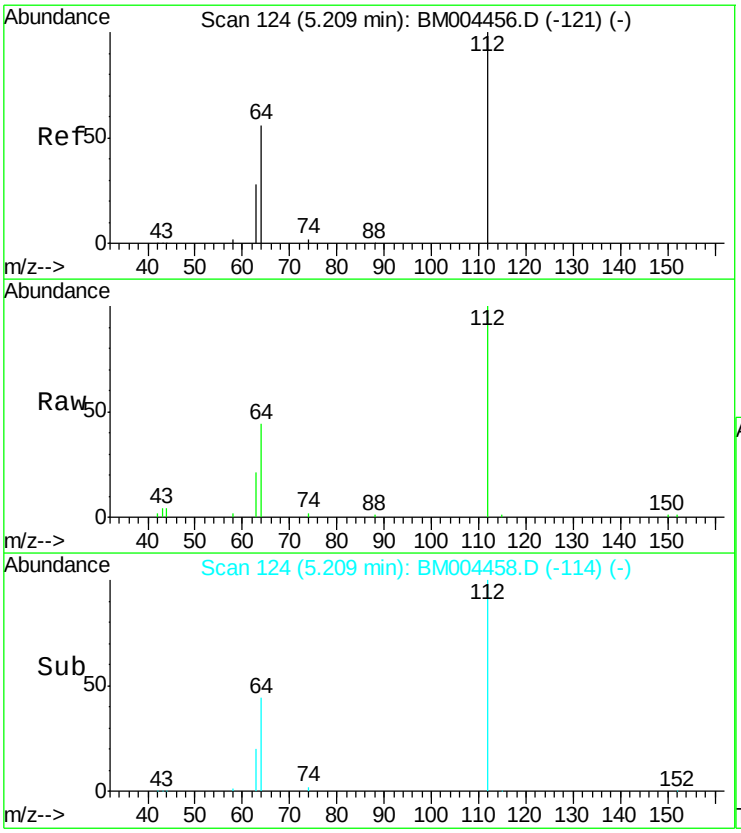
#3
n-Nitrosodimethylamine
Concen: 3.94 ng
RT: 3.43 min Scan# 37
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 4703

Ion	Ratio	Lower	Upper
42	100		
74	165.7	0.0	0.0#
44	6.3	5.8	8.6

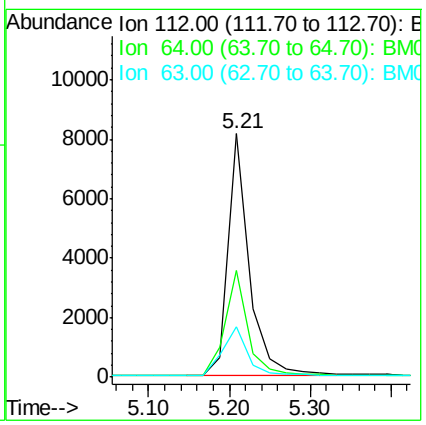


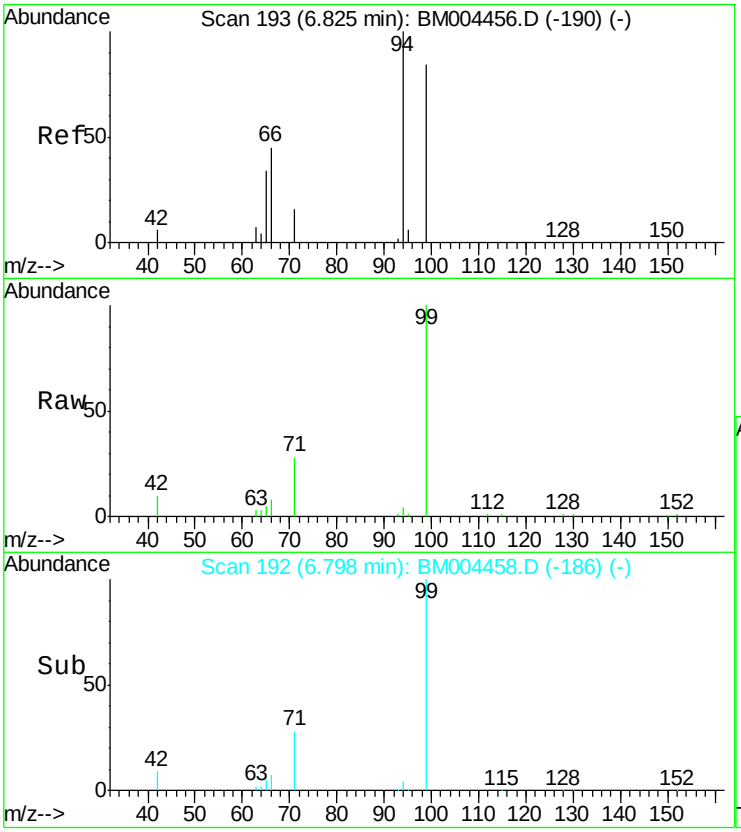


#4
2-Fluorophenol
Concen: 5.17 ng
RT: 5.21 min Scan# 124
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:112 Resp: 14832

Ion	Ratio	Lower	Upper
112	100		
64	47.2	39.4	59.2
63	23.9	19.9	29.9



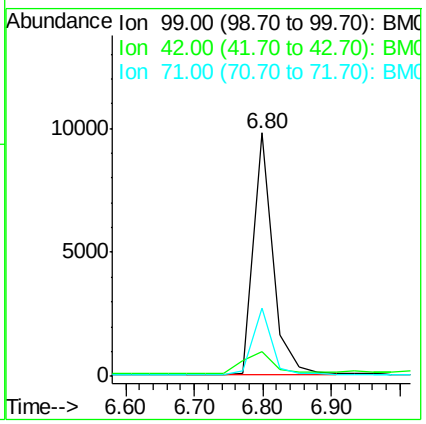


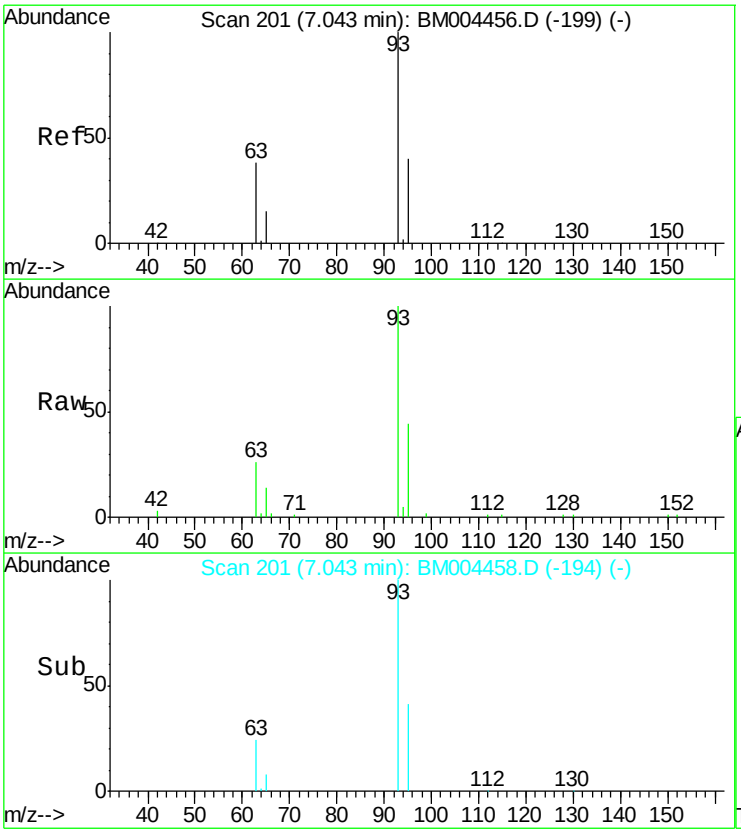
#5
Phenol-d6
Concen: 5.74 ng
RT: 6.80 min Scan# 192
Delta R.T. -0.03 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 19601

Ion	Ratio	Lower	Upper
99	100		
42	12.4	0.0	0.0#
71	27.2	0.0	0.0#

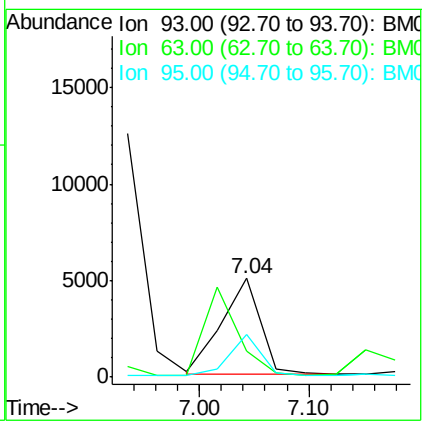


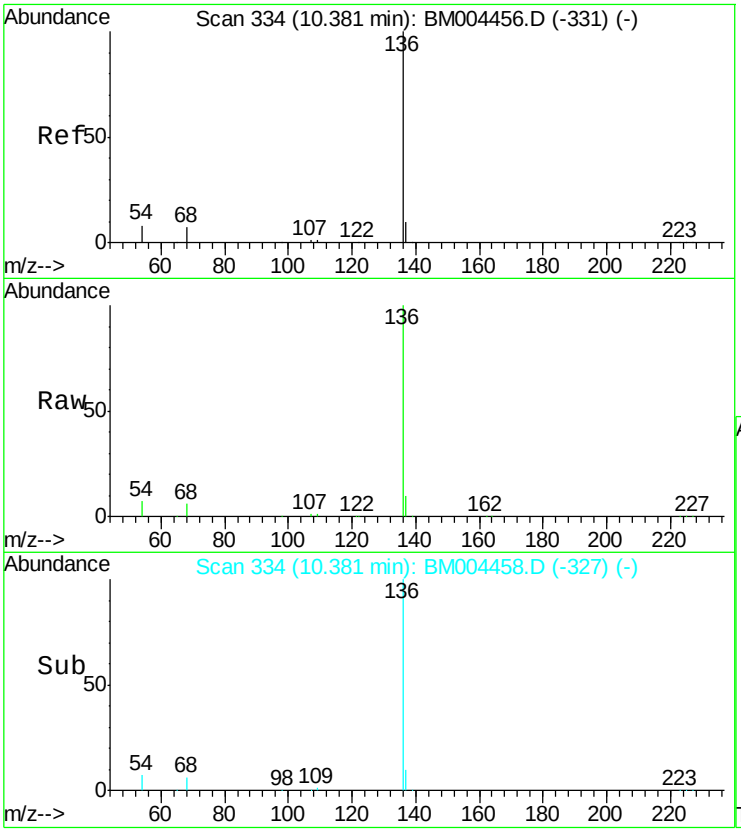


#6
bis(2-Chloroethyl)ether
Concen: 3.91 ng
RT: 7.04 min Scan# 201
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion: 93 Resp: 12285

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	35.6	27.1	40.7



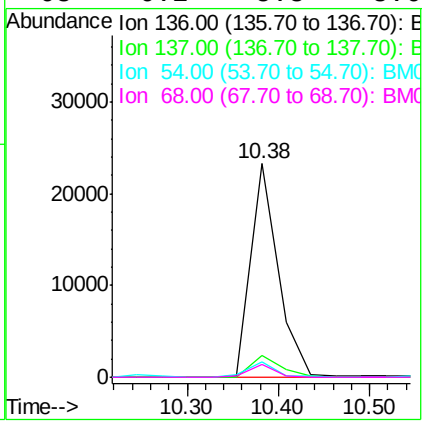


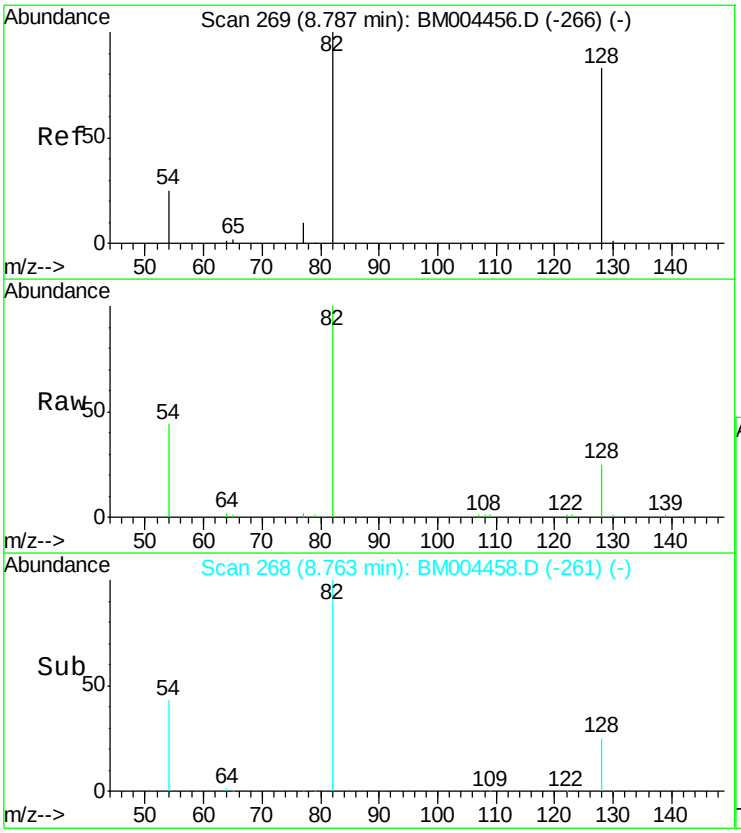
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 48412

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.0	12.0
54	7.3	7.0	10.6
68	6.2	5.8	8.6

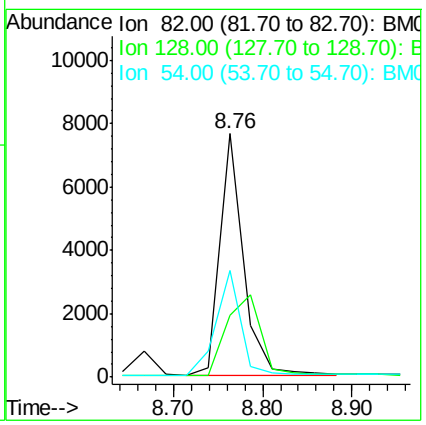


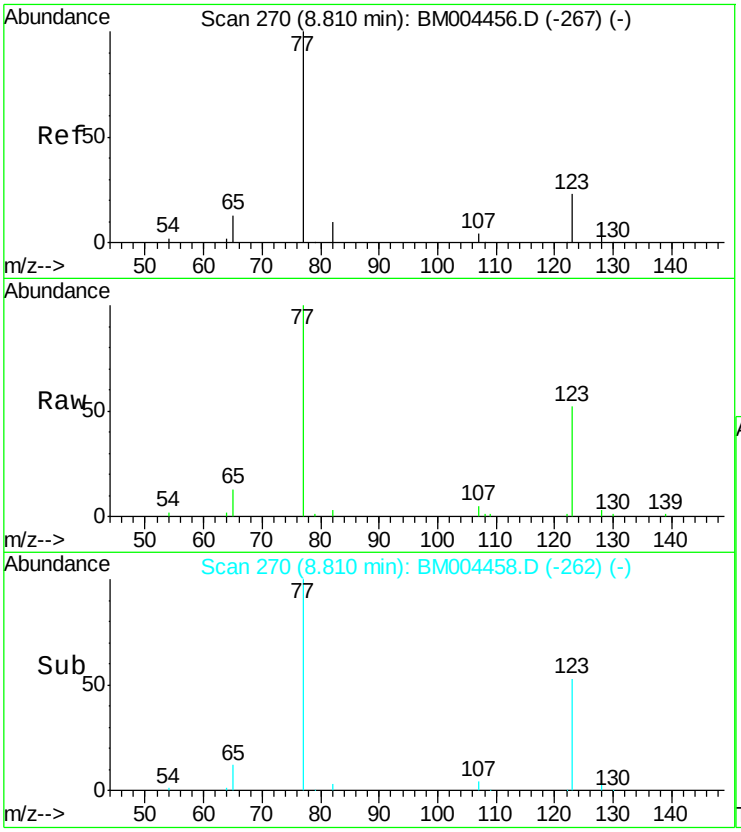


#8
Nitrobenzene-d5
Concen: 6.48 ng
RT: 8.76 min Scan# 268
Delta R.T. -0.02 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion: 82 Resp: 14080

Ion	Ratio	Lower	Upper
82	100		
128	25.4	67.0	100.6#
54	43.7	25.2	37.8#



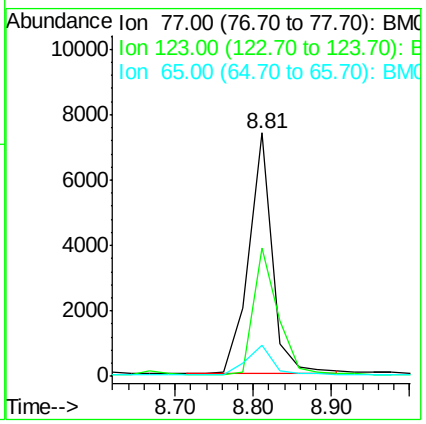


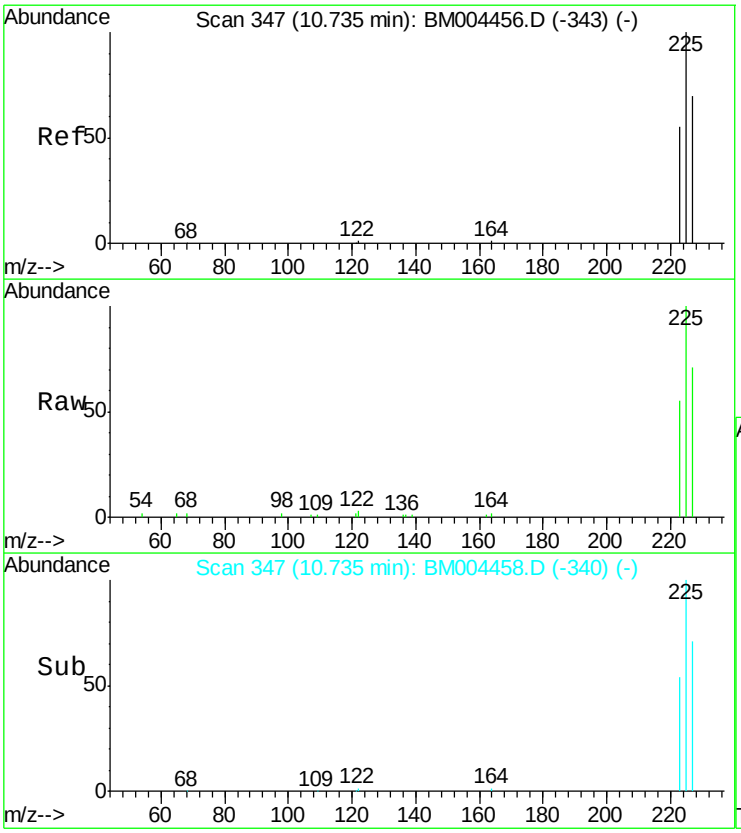
#9
Nitrobenzene
Concen: 6.10 ng
RT: 8.81 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 15164

Ion	Ratio	Lower	Upper
77	100		
123	55.8	0.0	0.0#
65	12.7	10.1	15.1

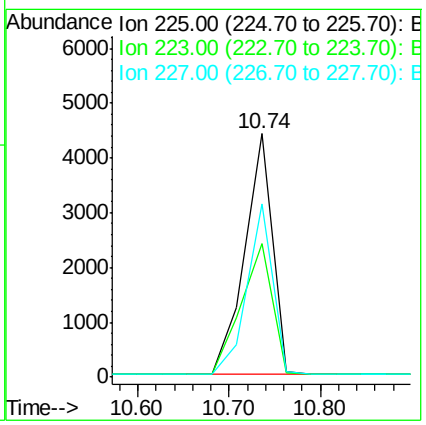


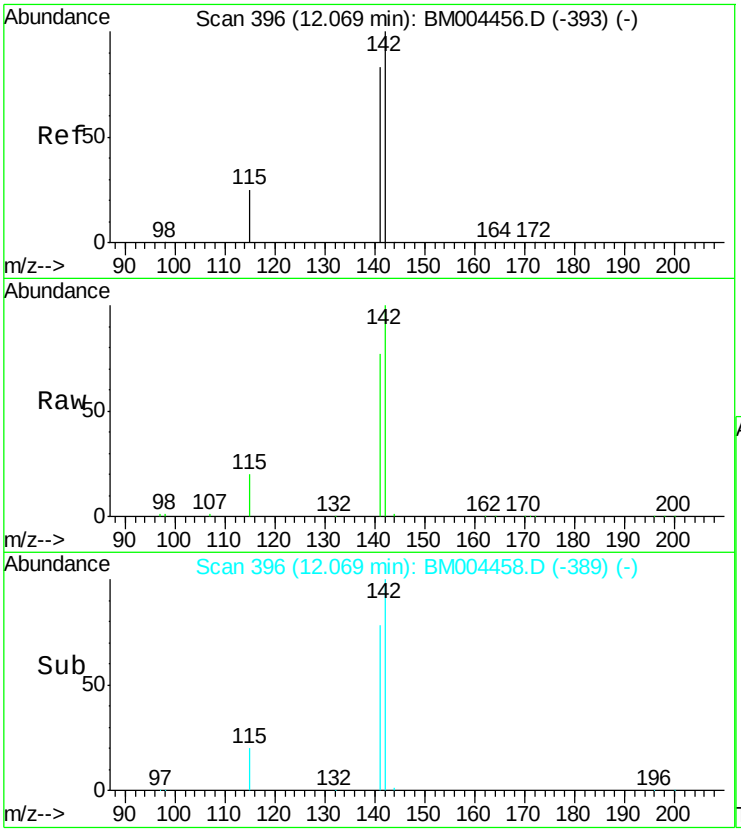


#10
Hexachlorobutadiene
Concen: 5.27 ng
RT: 10.74 min Scan# 347
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:225 Resp: 9291

Ion	Ratio	Lower	Upper
225	100		
223	60.5	48.4	72.6
227	65.6	52.8	79.2



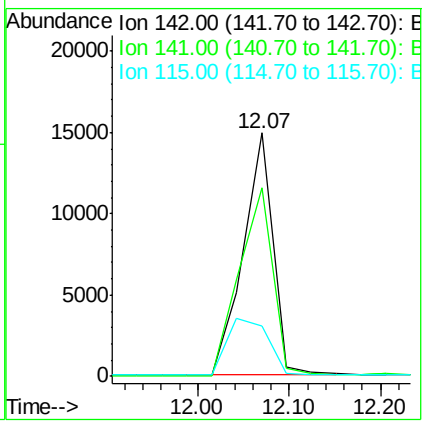


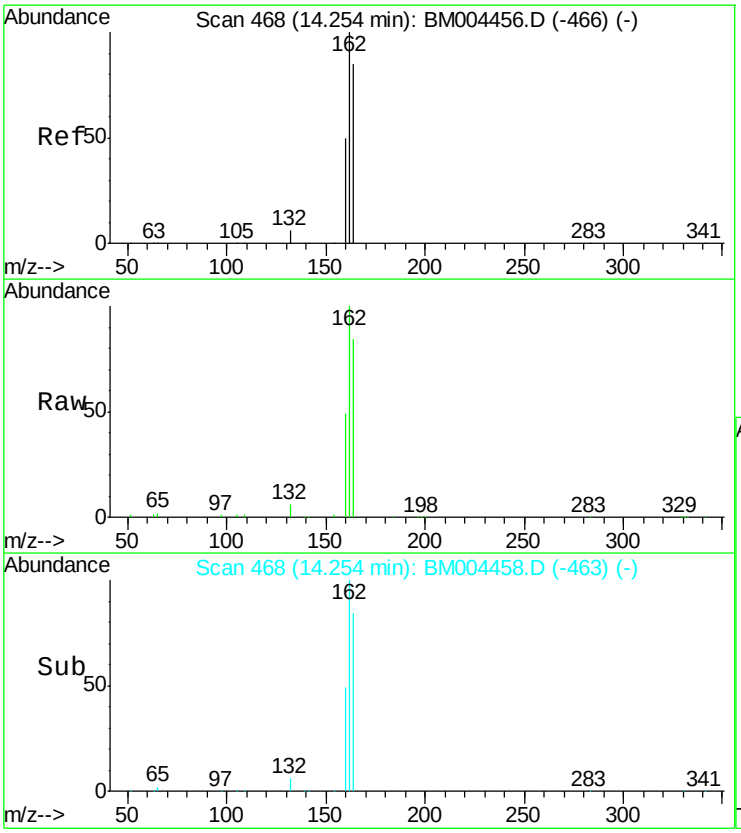
#11
2-Methylnaphthalene
Concen: 4.60 ng
RT: 12.07 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 33840

Ion	Ratio	Lower	Upper
142	100		
141	77.5	66.4	99.6
115	20.5	21.6	32.4#

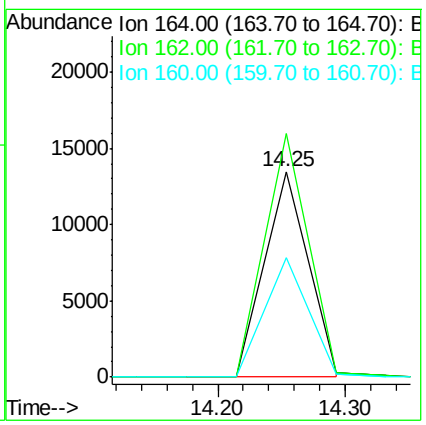


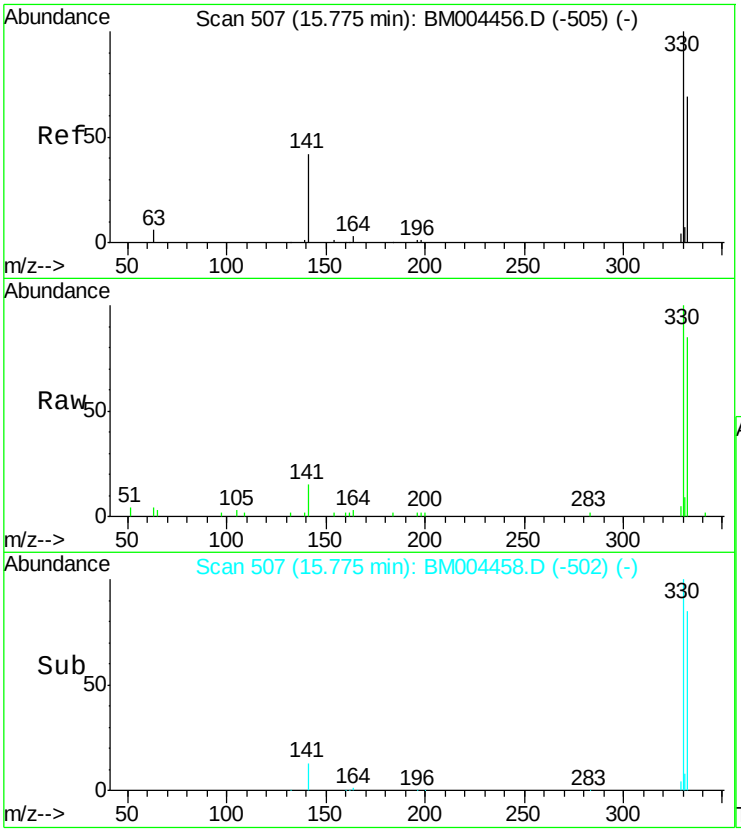


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:164 Resp: 31892

Ion	Ratio	Lower	Upper
164	100		
162	118.4	94.6	141.8
160	57.9	47.0	70.4



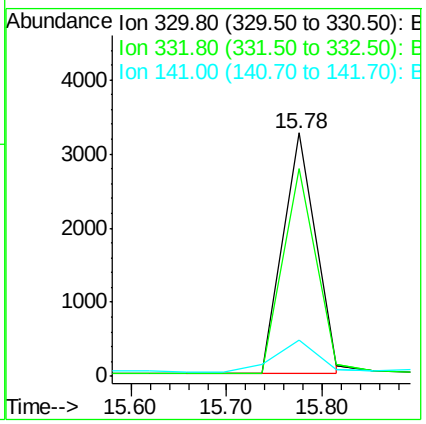


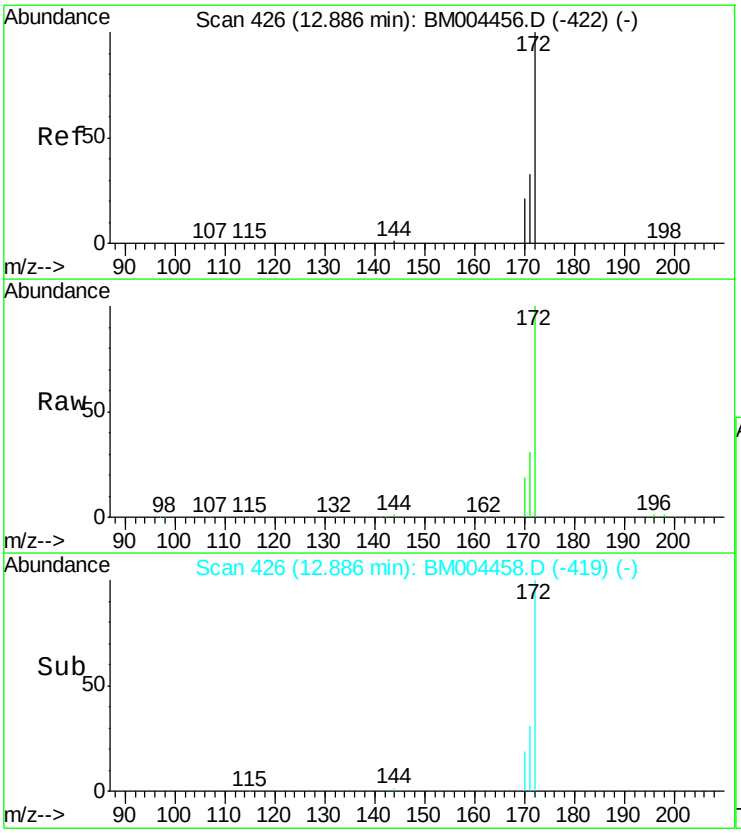
#13
2,4,6-Tribromophenol
Concen: 8.22 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 7812

Ion	Ratio	Lower	Upper
330	100		
332	85.9	59.2	88.8
141	16.4	33.0	49.4#

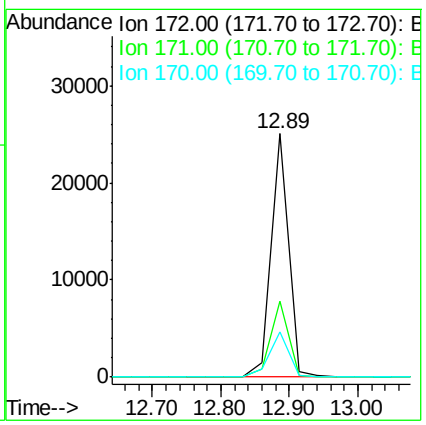


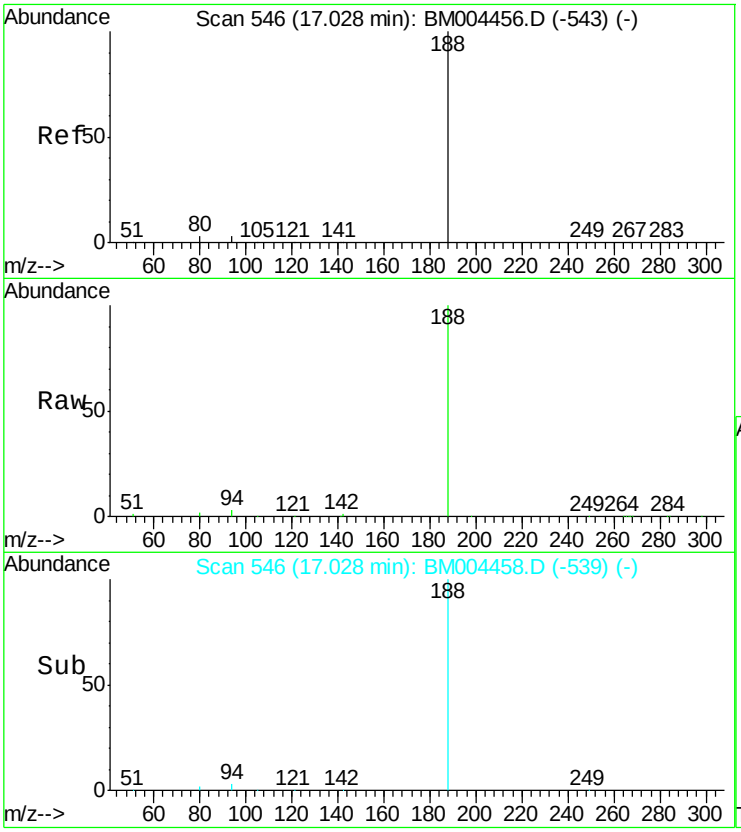


#14
2-Fluorobiphenyl
Concen: 4.55 ng
RT: 12.89 min Scan# 426
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:172 Resp: 44312

Ion	Ratio	Lower	Upper
172	100		
171	31.4	27.2	40.8
170	18.8	17.4	26.0



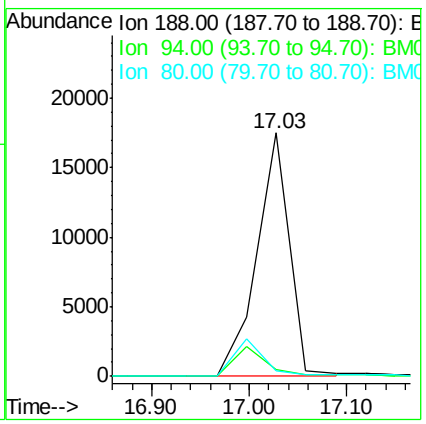


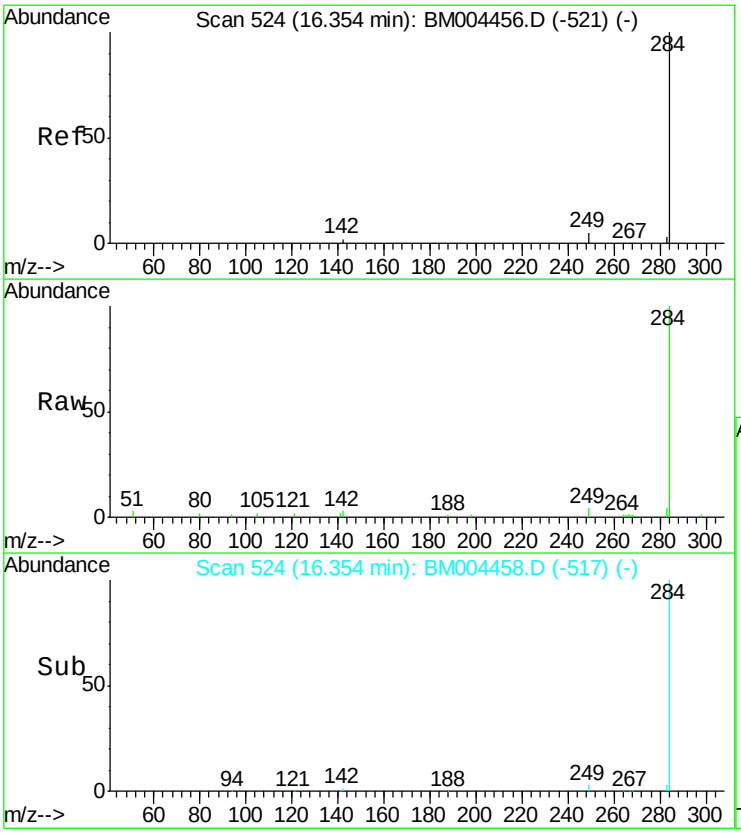
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 40553

Ion	Ratio	Lower	Upper
188	100		
94	2.9	2.7	4.1
80	2.4	2.2	3.4

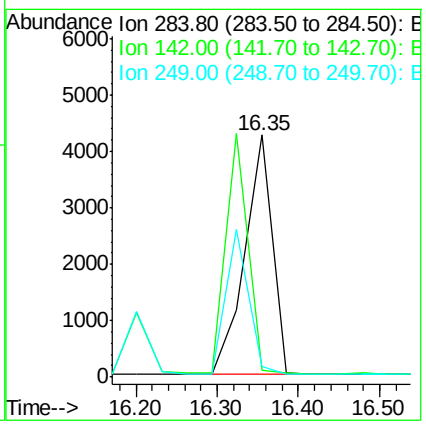


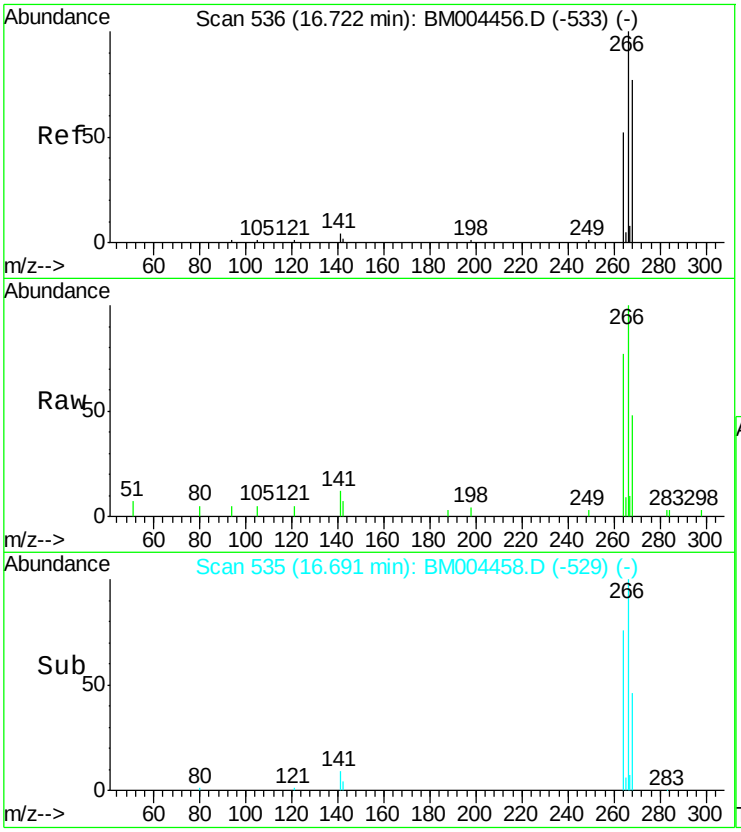


#16
Hexachlorobenzene
Concen: 6.77 ng
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:284 Resp: 9936

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



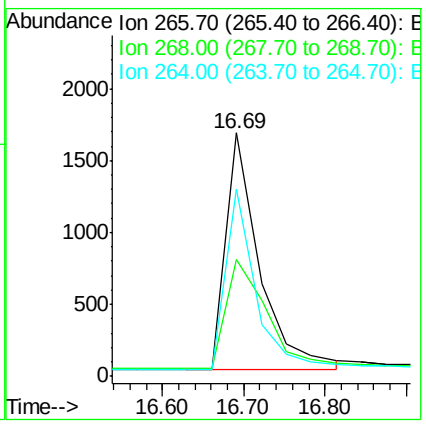


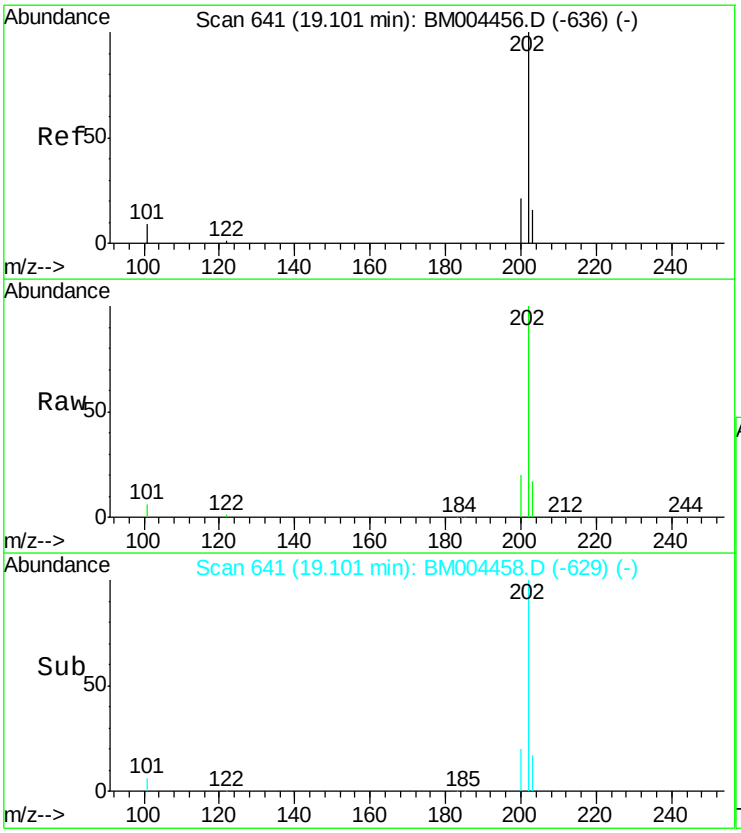
#17
Pentachlorophenol
Concen: 12.28 ng
RT: 16.69 min Scan# 535
Delta R.T. -0.03 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 4718

Ion	Ratio	Lower	Upper
266	100		
268	47.8	66.8	100.2#
264	76.7	49.4	74.0#

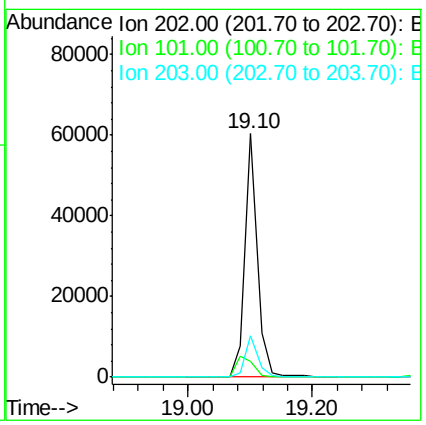


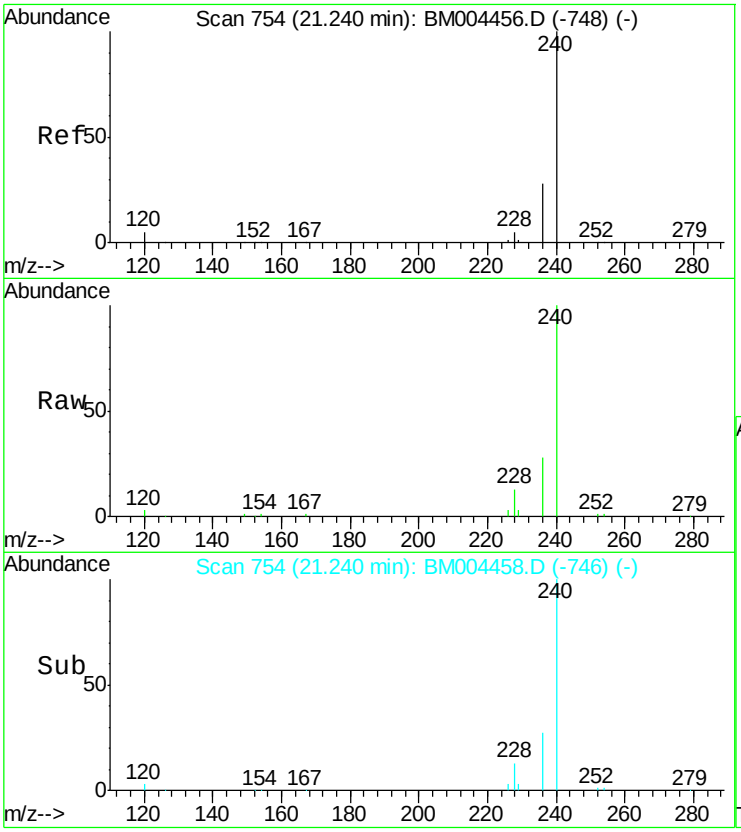


#18
Fluoranthene
Concen: 7.36 ng
RT: 19.10 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:202 Resp: 83975

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.0
203	17.3	13.9	20.9



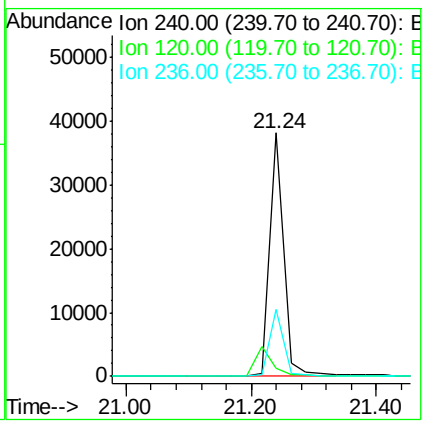


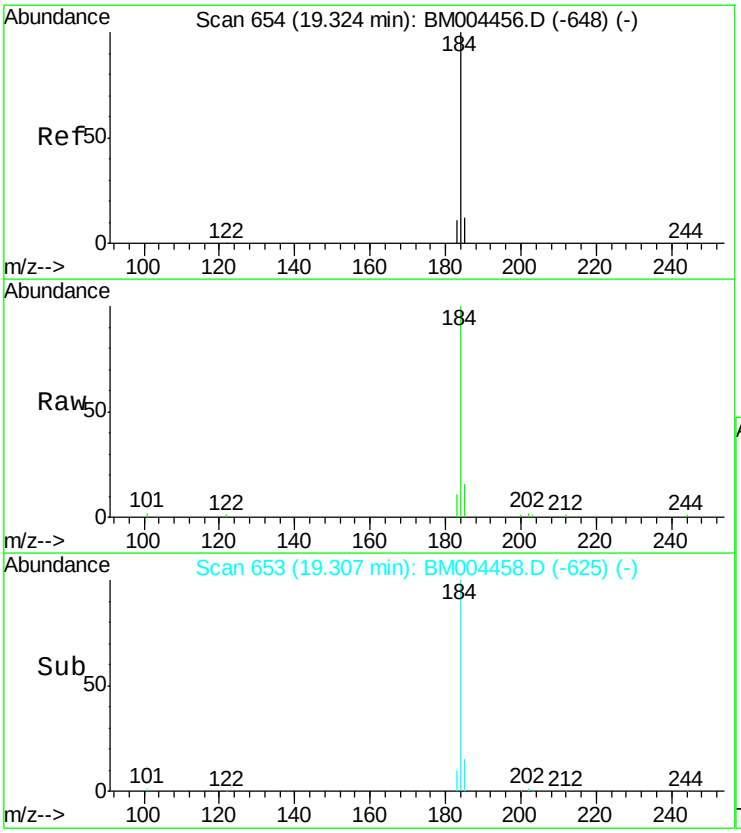
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 59731

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.0	6.0#
236	27.6	22.7	34.1

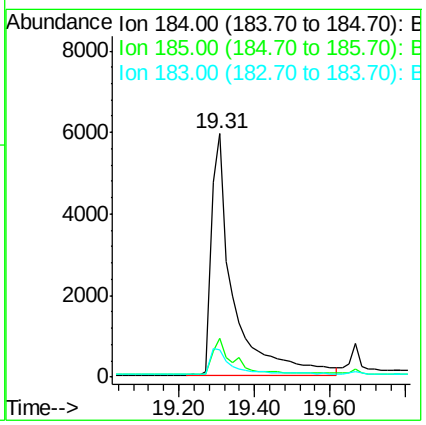


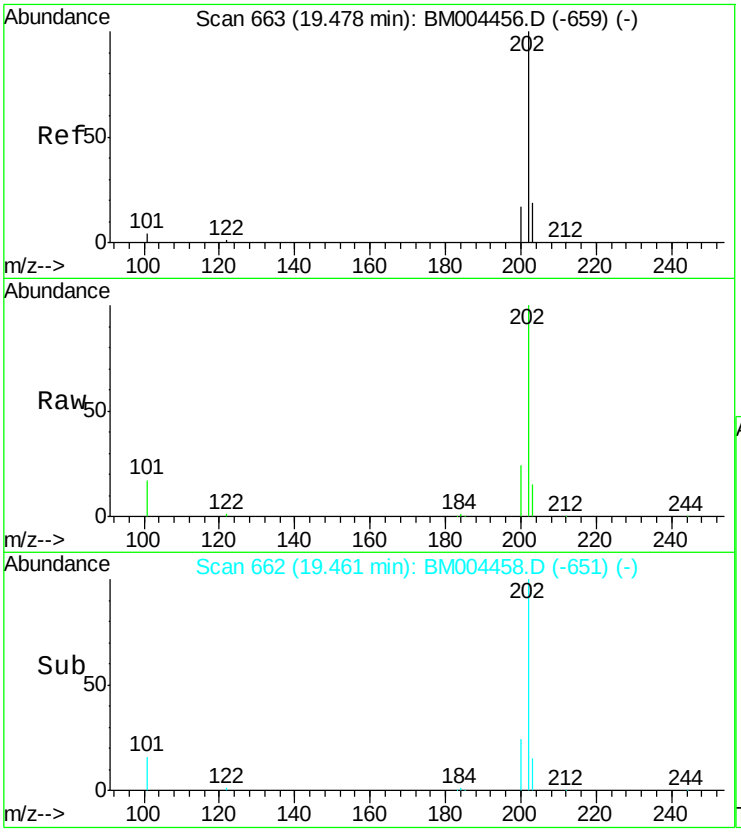


#20
Benzidine
Concen: 8.01 ng
RT: 19.31 min Scan# 653
Delta R.T. -0.02 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:184 Resp: 23091

Ion	Ratio	Lower	Upper
184	100		
185	16.1	20.8	31.2#
183	11.4	18.5	27.7#



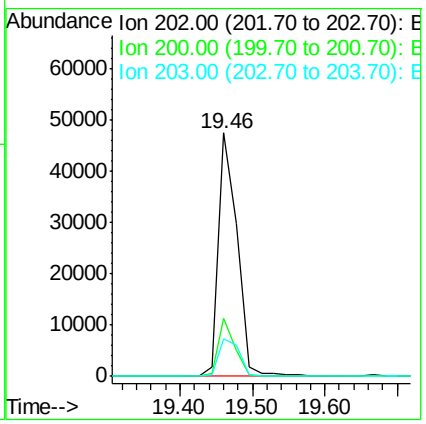


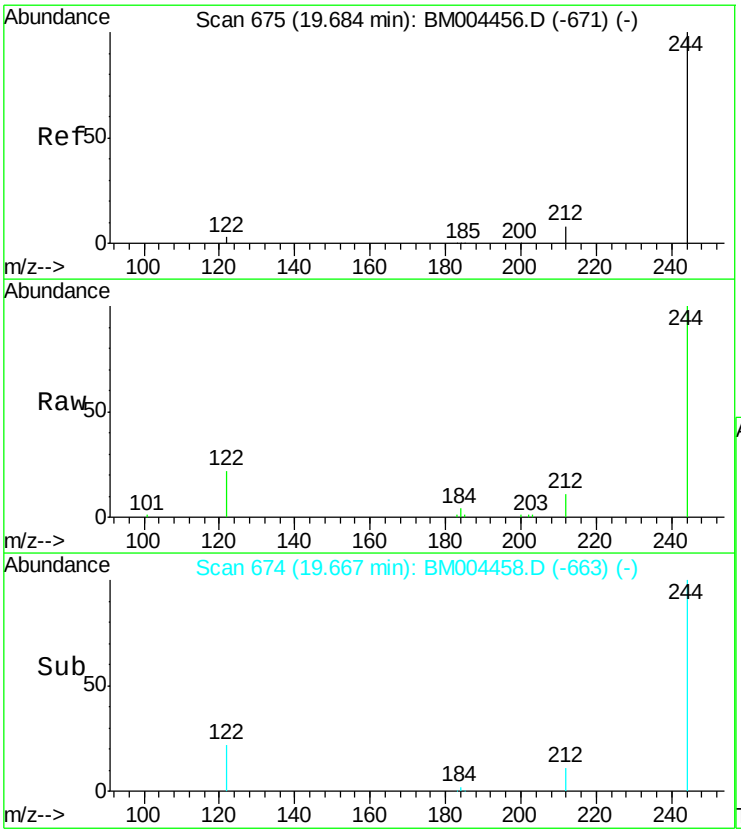
#21
Pyrene
Concen: 4.96 ng
RT: 19.46 min Scan# 662
Delta R.T. -0.02 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 84482

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.3	13.9	20.9

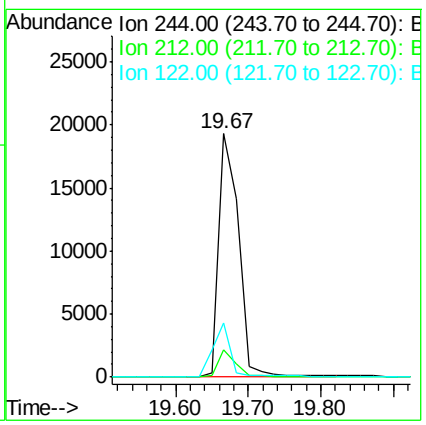


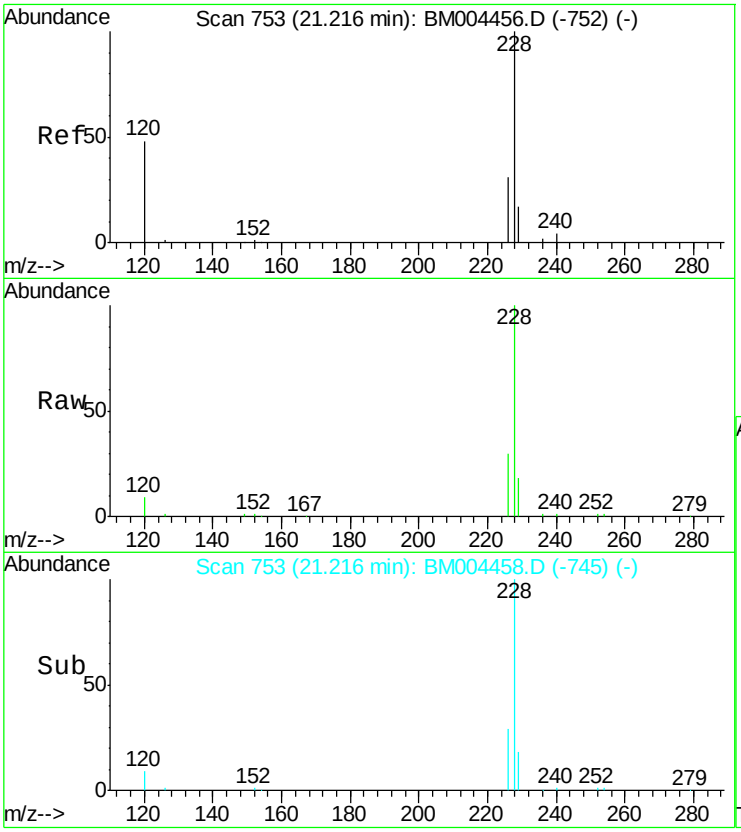


#22
Terphenyl-d14
Concen: 4.75 ng
RT: 19.67 min Scan# 674
Delta R.T. -0.02 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:244 Resp: 36390

Ion	Ratio	Lower	Upper
244	100		
212	11.3	7.4	11.2#
122	22.4	4.2	6.2#



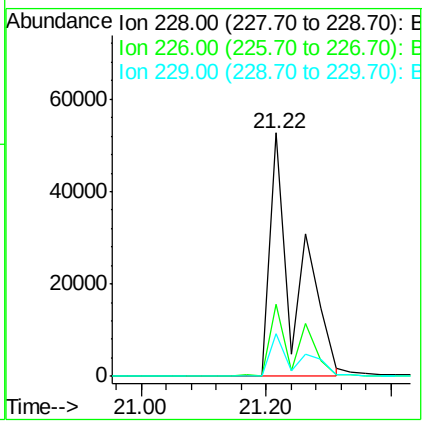


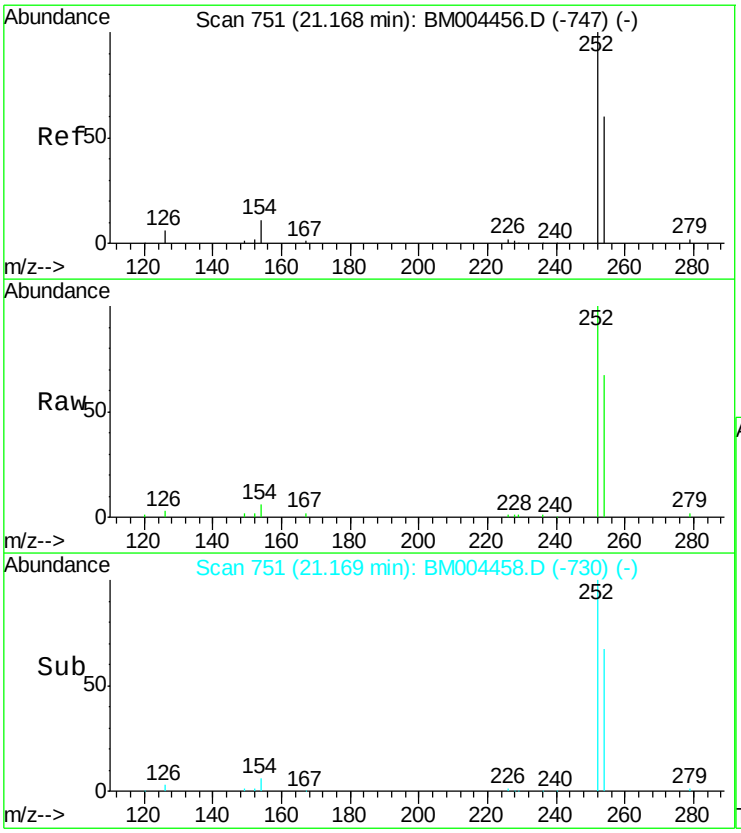
#23
Benzo(a)anthracene
Concen: 8.40 ng
RT: 21.22 min Scan# 753
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 149813

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.1	37.7
229	17.6	14.2	21.4

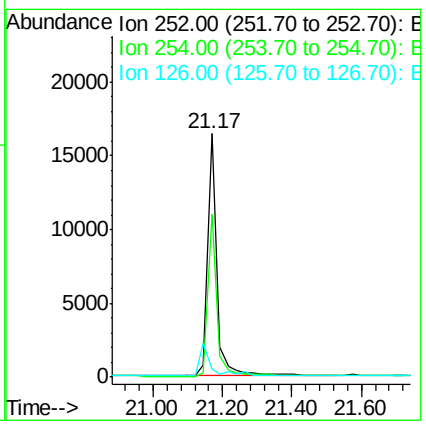


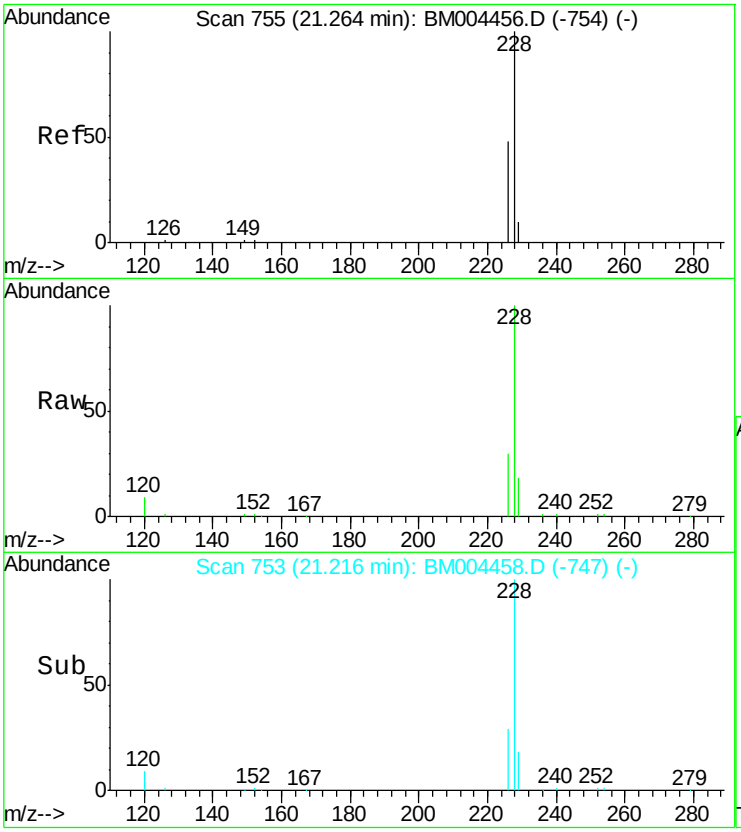


#24
3,3'-Dichlorobenzidine
Concen: 7.11 ng
RT: 21.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:252 Resp: 30775

Ion	Ratio	Lower	Upper
252	100		
254	66.9	48.7	73.1
126	3.4	8.2	12.2#



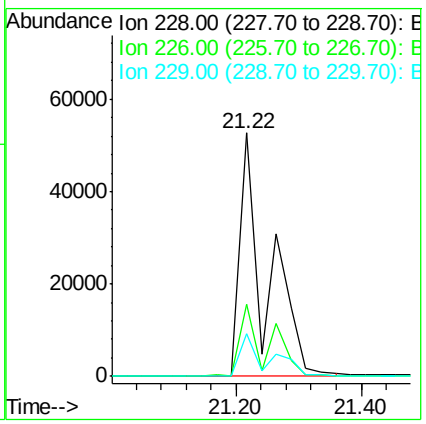


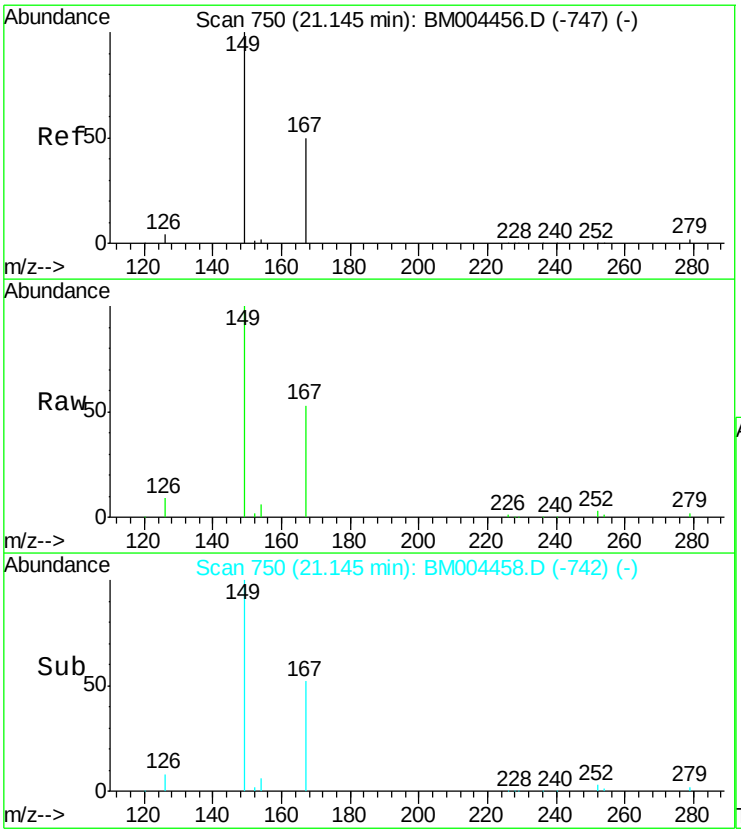
#25
Chrysene
Concen: 9.20 ng
RT: 21.22 min Scan# 753
Delta R.T. -0.05 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 151640

Ion	Ratio	Lower	Upper
228	100		
226	29.5	31.0	46.6#
229	17.6	13.4	20.2

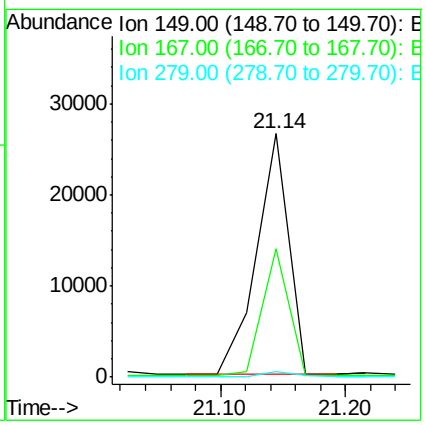


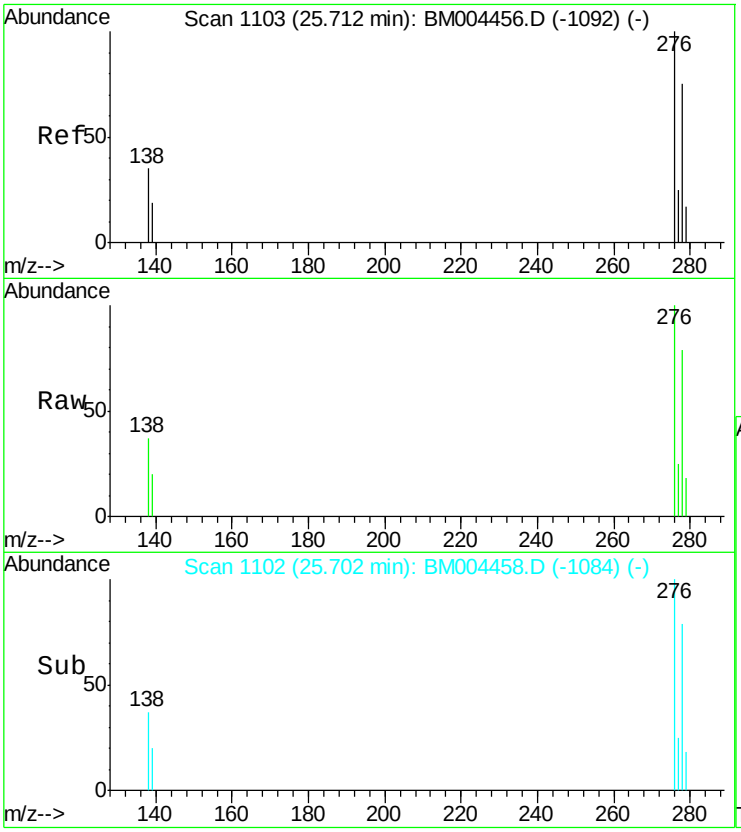


#26
Bis(2-ethylhexyl)phthalate
Concen: 6.28 ng
RT: 21.14 min Scan# 750
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:149 Resp: 47745

Ion	Ratio	Lower	Upper
149	100		
167	42.9	33.1	49.7
279	2.3	2.0	3.0



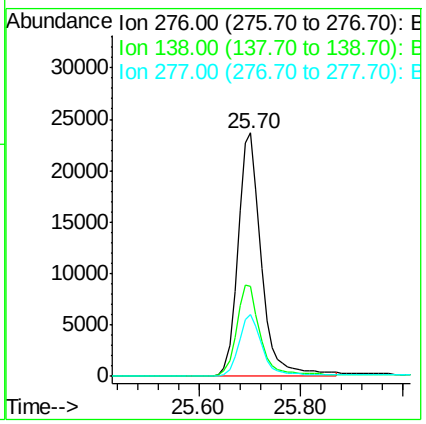


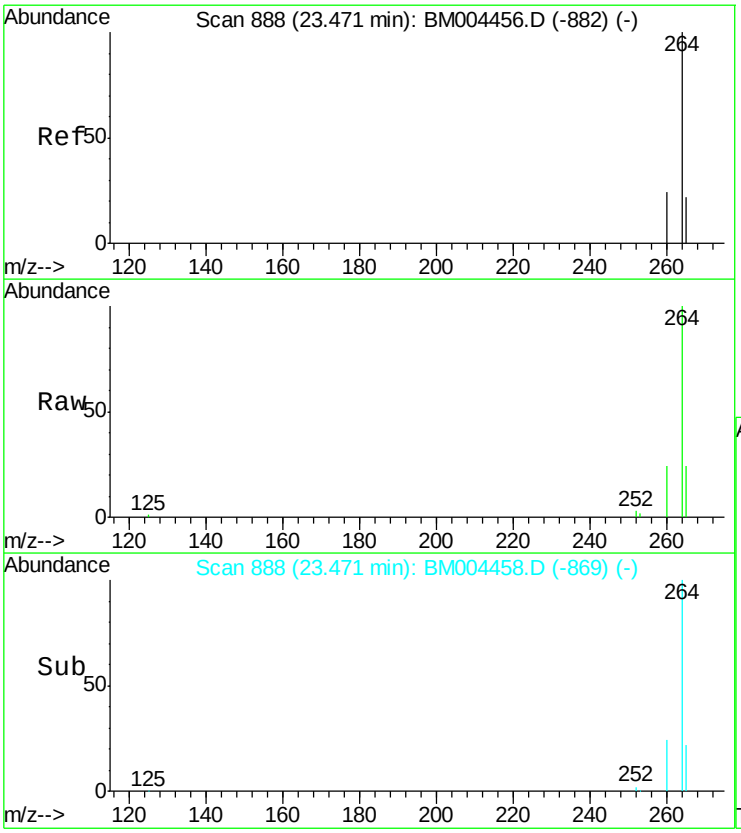
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.31 ng
RT: 25.70 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 74290

Ion	Ratio	Lower	Upper
276	100		
138	37.9	30.0	45.0
277	24.9	19.8	29.8

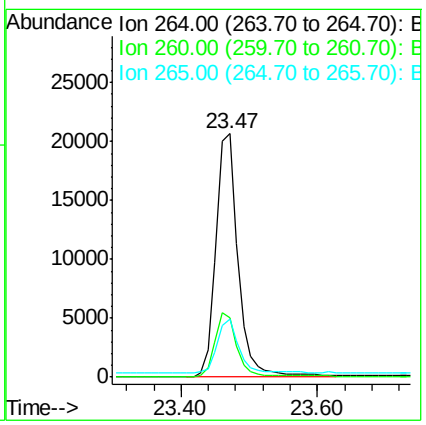


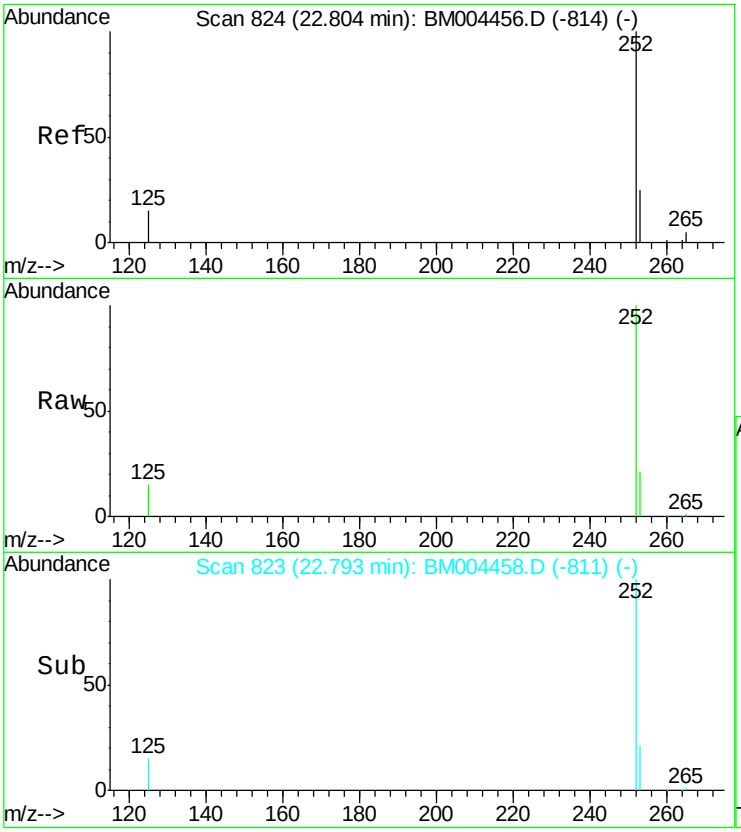


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 888
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:264 Resp: 45654

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	23.7	18.9	28.3



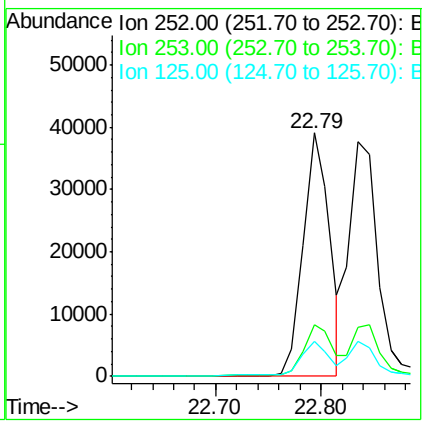


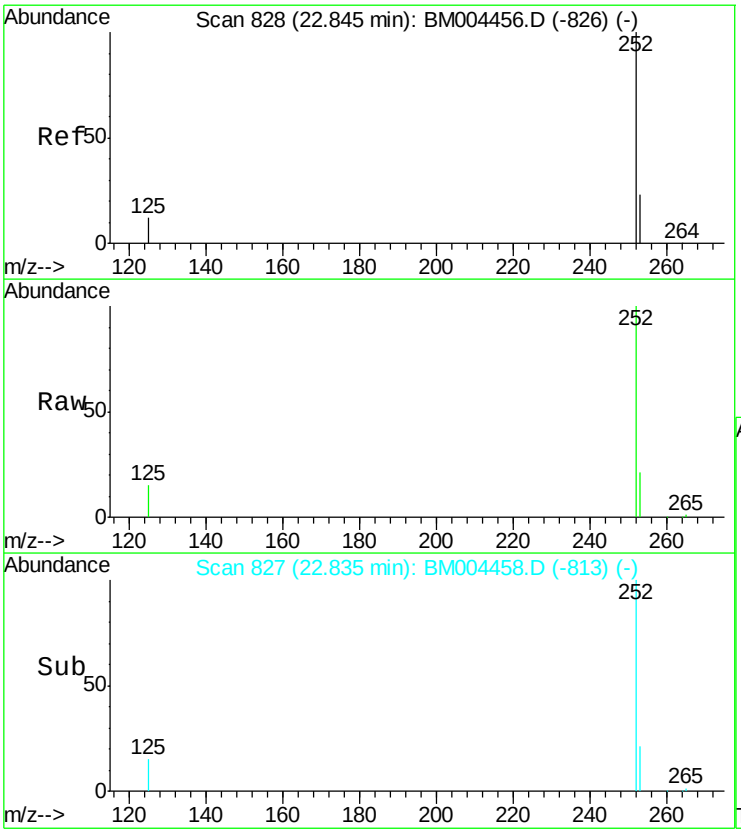
#29
Benzo(b)fluoranthene
Concen: 5.74 ng
RT: 22.79 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 83034

Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.8	29.6
125	14.5	12.2	18.2

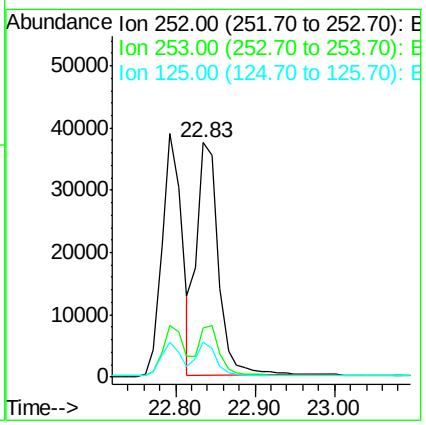


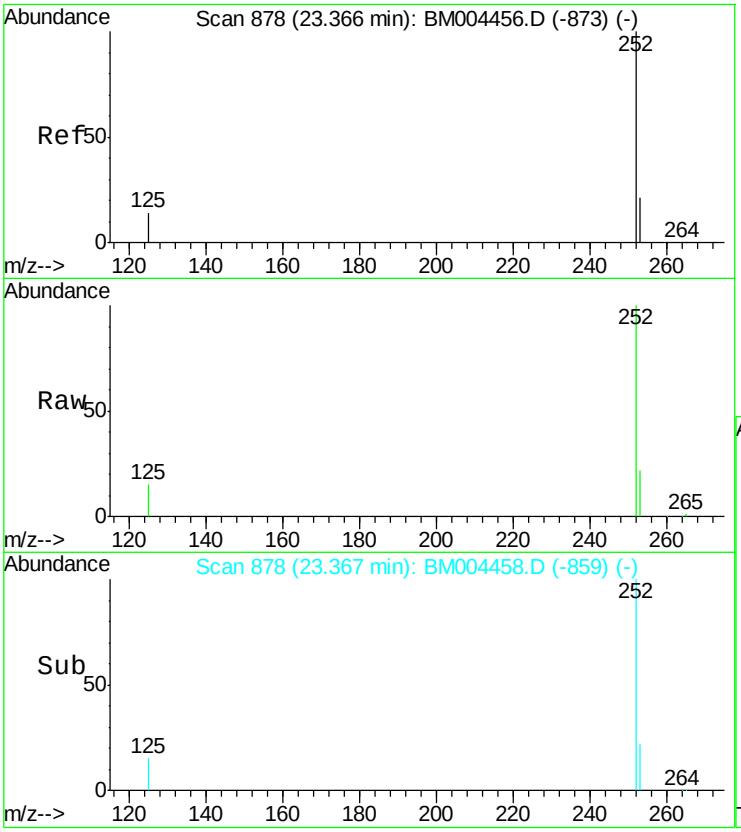


#30
Benzo(k)fluoranthene
Concen: 5.54 ng
RT: 22.83 min Scan# 827
Delta R.T. -0.01 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:252 Resp: 71460

Ion	Ratio	Lower	Upper
252	100		
253	20.8	19.3	28.9
125	14.8	12.4	18.6



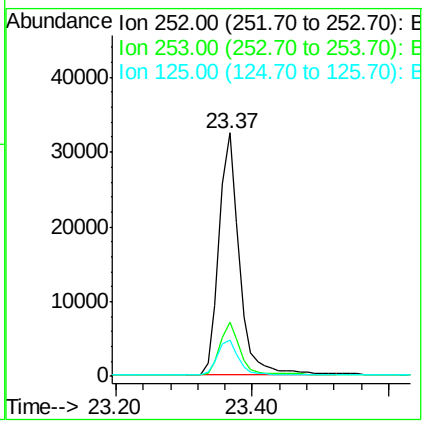


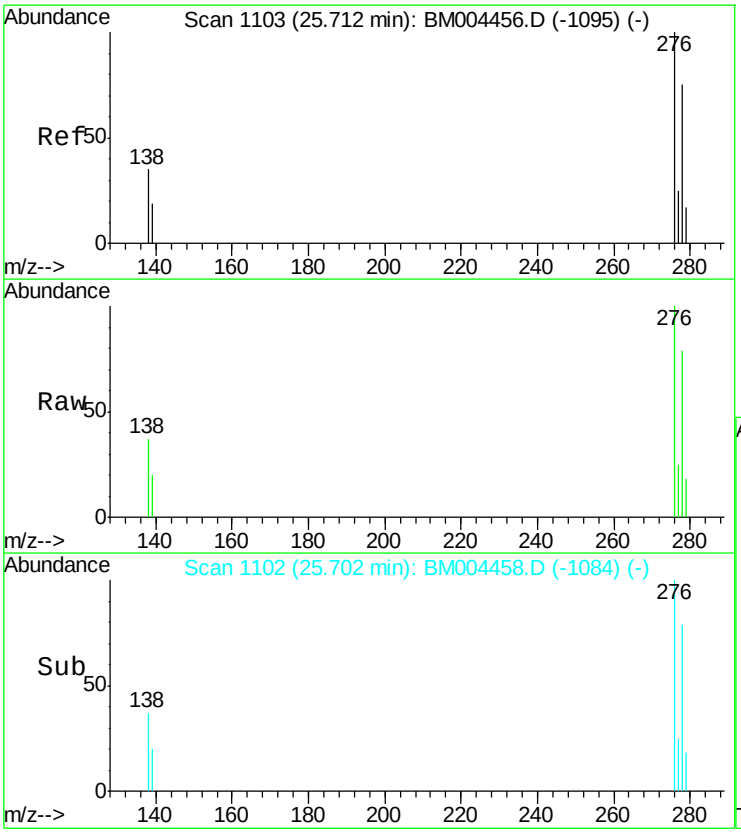
#31
Benzo(a)pyrene
Concen: 5.32 ng
RT: 23.37 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 66851

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.3	28.9
125	15.1	14.4	21.6

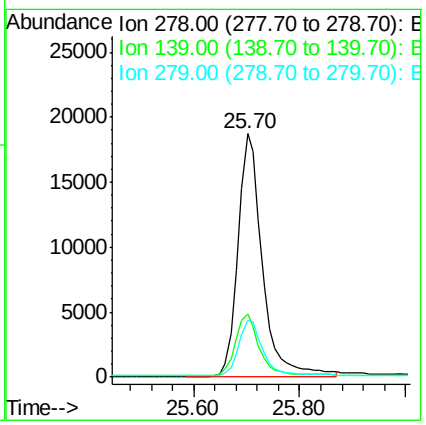


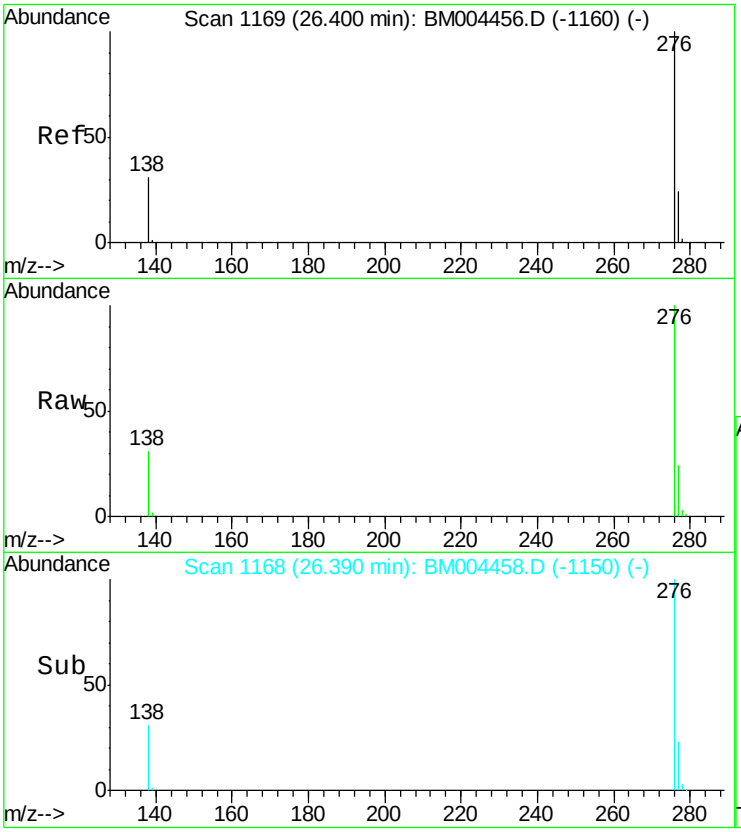


#32
Dibenzo(a,h)anthracene
Concen: 5.28 ng
RT: 25.70 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Tgt Ion:278 Resp: 59260

Ion	Ratio	Lower	Upper
278	100		
139	25.8	22.3	33.5
279	23.2	20.7	31.1





#33
Benzo(g,h,i)perylene
Concen: 5.16 ng
RT: 26.39 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BM004458.D
Acq: 28 Feb 2016 19:43

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 63282

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.4	30.6
138	31.2	26.4	39.6