Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004452.D
Acq On : 28 Feb 2016 16:05
Operator : SJ/UM
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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2/29/2016 2:52:11 PM

Quant Time: Feb 29 03:20:55 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	13559	5.00	ng		0.00
7) Naphthalene-d8	10.38	136	46466	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	27825	5.00	ng		0.00
15) Phenanthrene-d10	17.03	188	43094	5.00	ng		0.00
19) Chrysene-d12	21.24	240	58717	5.00	ng		0.00
28) Perylene-d12	23.46	264	44310	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	315	0.11	ng		0.00
5) Phenol-d6	6.83	99	332	0.10	ng		0.00
8) Nitrobenzene-d5	8.79	82	245	0.12	ng		0.00
13) 2,4,6-Tribromophenol	15.78	330	87	0.10	ng		0.00
14) 2-Fluorobiphenyl	12.89	172	890	0.10	ng		0.00
22) Terphenyl-d14	19.68	244	765	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	199	0.14	ng	#	69
3) n-Nitrosodimethylamine	3.43	42	119	0.10	ng	#	79
6) bis(2-Chloroethyl)ether	7.04	93	299	0.10	ng	#	96
9) Nitrobenzene	8.81	77	273	0.11	ng	#	99
10) Hexachlorobutadiene	10.74	225	193	0.11	ng		95
11) 2-Methylnaphthalene	12.07	142	768	0.11	ng	#	87
16) Hexachlorobenzene	16.35	284	274	0.18	ng	#	100
17) Pentachlorophenol	16.72	266	125	0.31	ng	#	88
18) Fluoranthene	19.10	202	1741	0.14	ng		99
20) Benzidine	19.34	184	216	0.08	ng	#	1
21) Pyrene	19.48	202	1810	0.11	ng	#	95
23) Benzo(a)anthracene	21.22	228	1867m	0.11	ng		
24) 3,3'-Dichlorobenzidine	21.17	252	527	0.12	ng	#	75
25) Chrysene	21.29	228	7251m	0.45	ng		
26) Bis(2-ethylhexyl)phthalate	21.14	149	1434	0.19	ng	#	95
27) Indeno(1,2,3-cd)pyrene	25.71	276	1619	0.10	ng		98
29) Benzo(b)fluoranthene	22.80	252	1732	0.12	ng	#	63
30) Benzo(k)fluoranthene	22.85	252	1710	0.14	ng	#	61
31) Benzo(a)pyrene	23.37	252	1301	0.11	ng	#	42
32) Dibenzo(a,h)anthracene	25.72	278	1224	0.11	ng	#	53
33) Benzo(g,h,i)perylene	26.40	276	1406	0.12	ng	#	70

(#) = 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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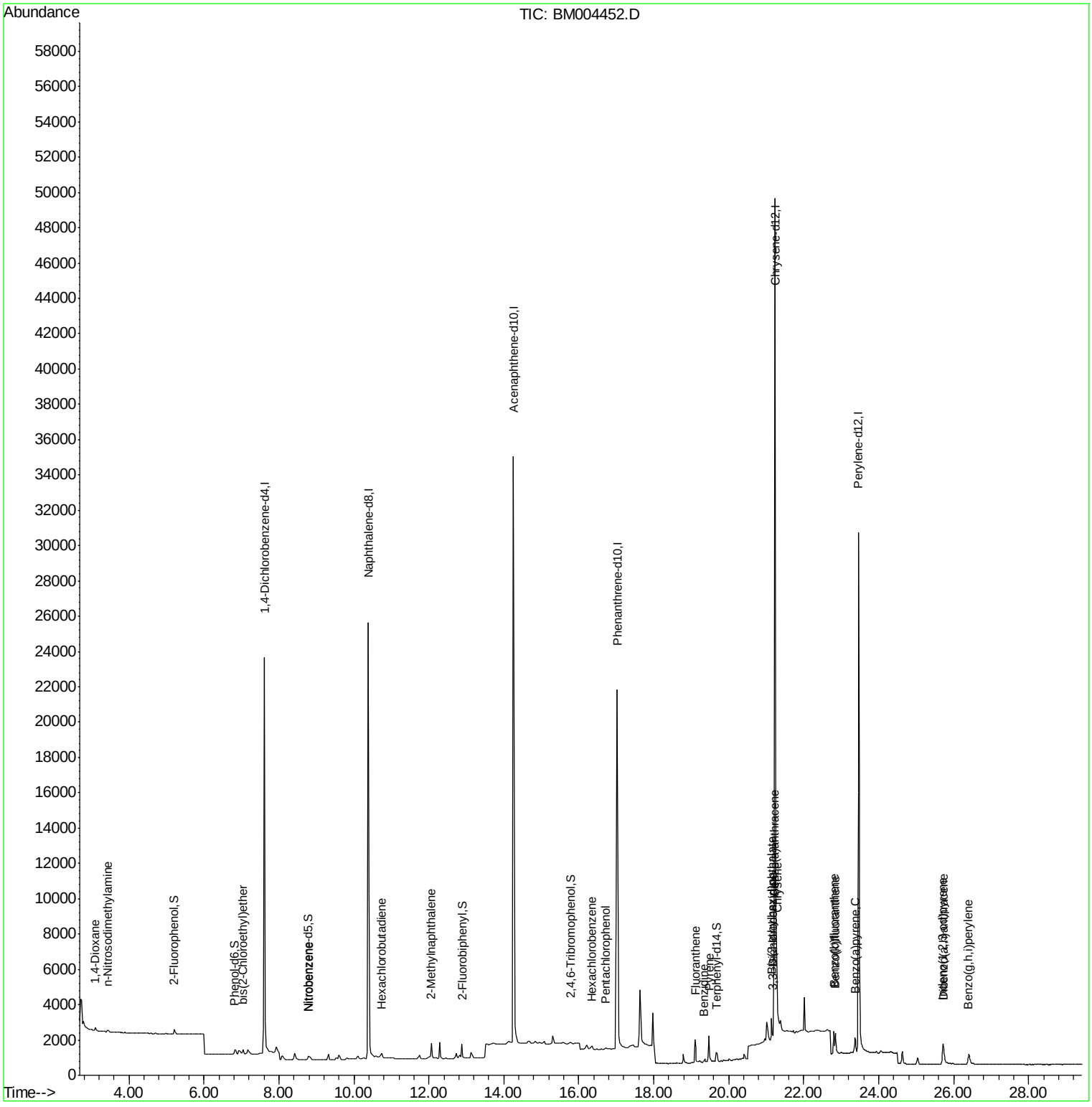
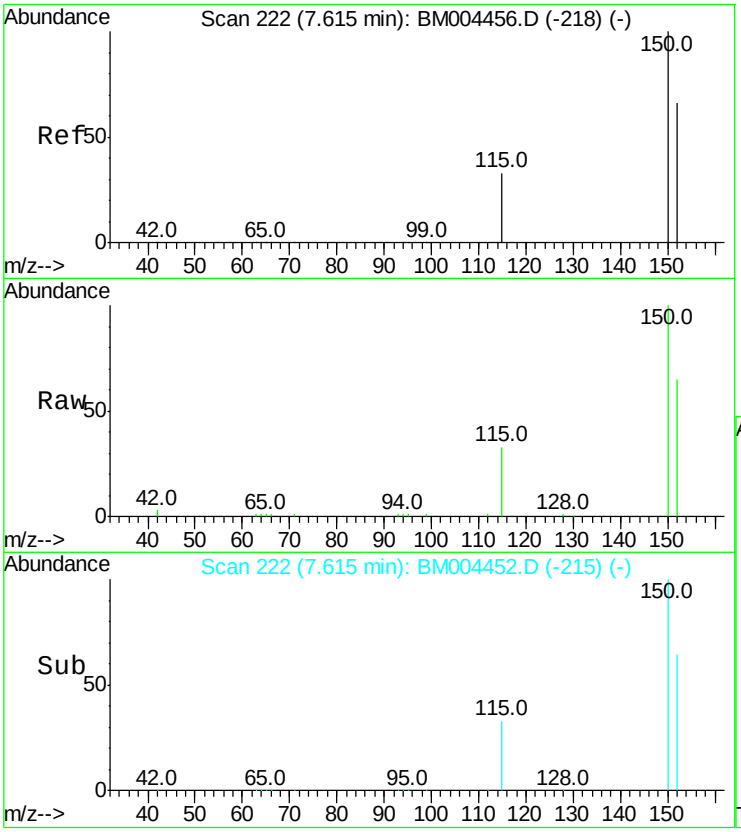
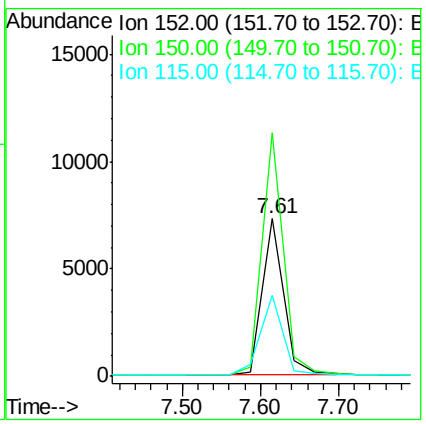




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:152 Resp: 13559

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.9	185.9
115	51.3	40.6	61.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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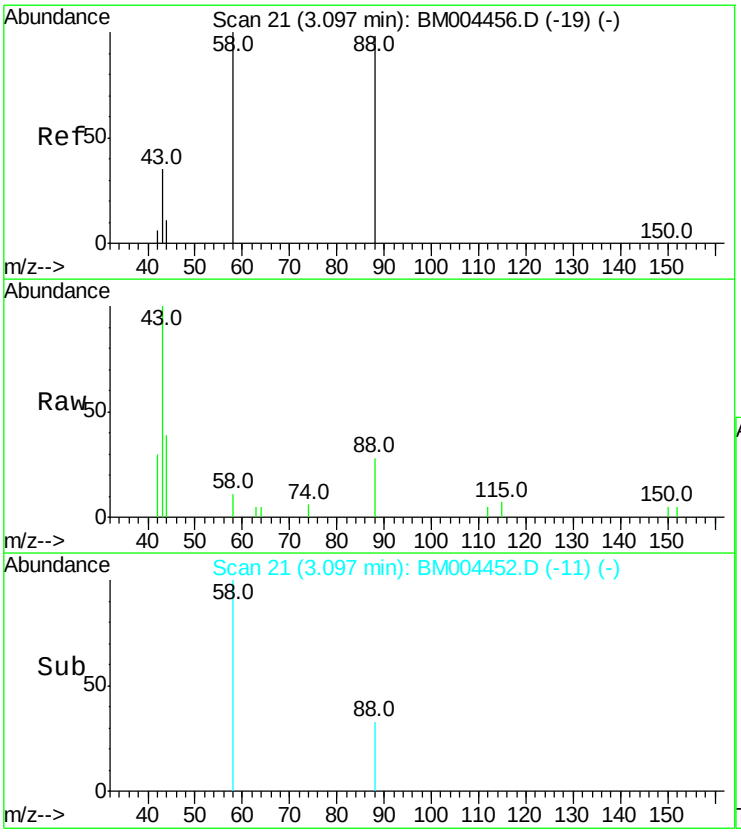
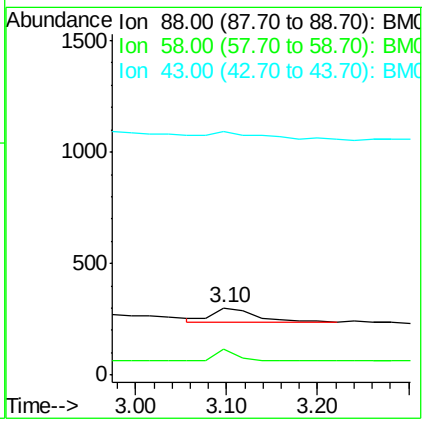
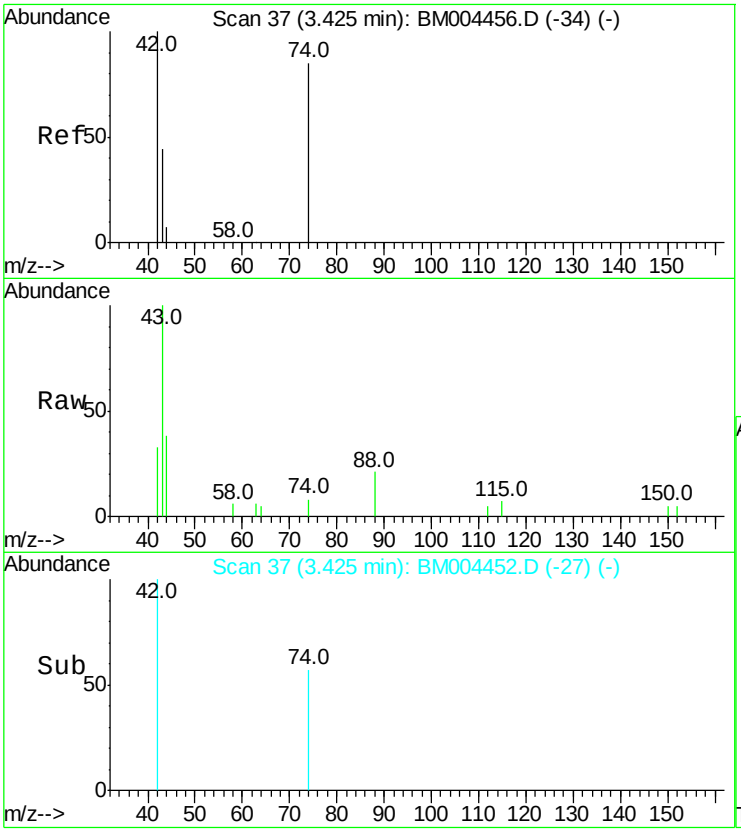


#2
1,4-Dioxane
Concen: 0.14 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion: 88 Resp: 199

Ion	Ratio	Lower	Upper
88	100		
58	45.2	58.5	87.7#
43	40.7	22.2	33.2#

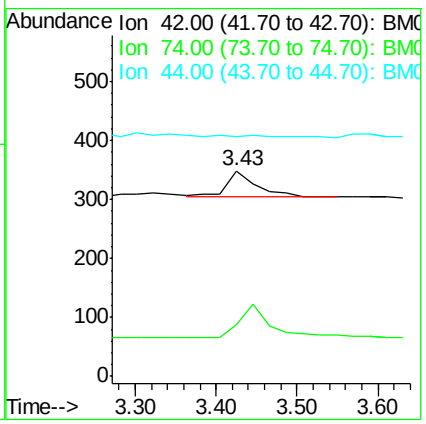




#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.43 min Scan# 37
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion: 42 Resp: 119

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



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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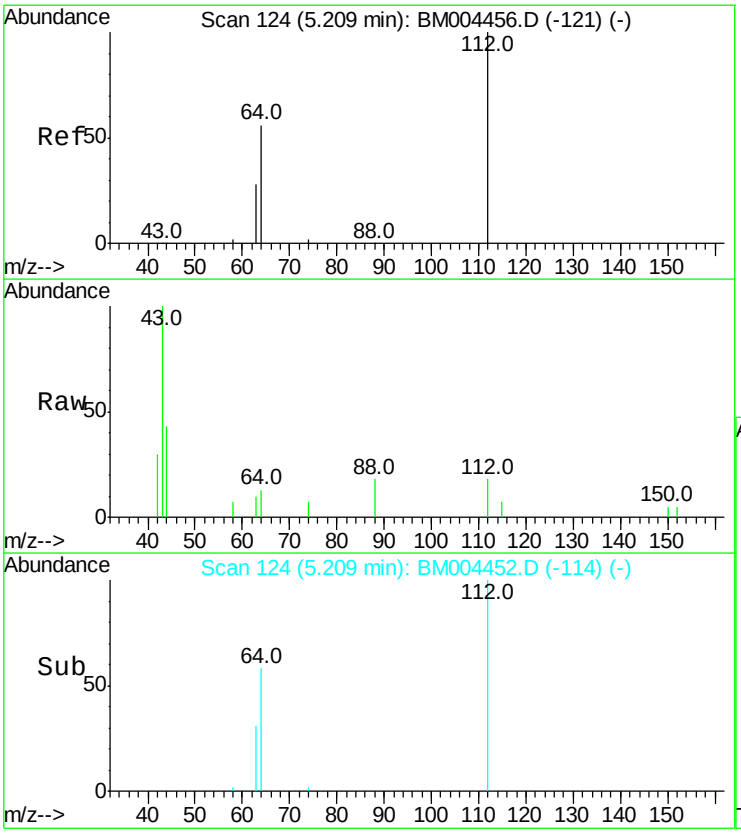
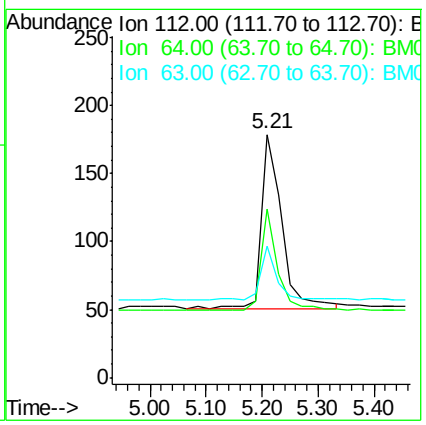
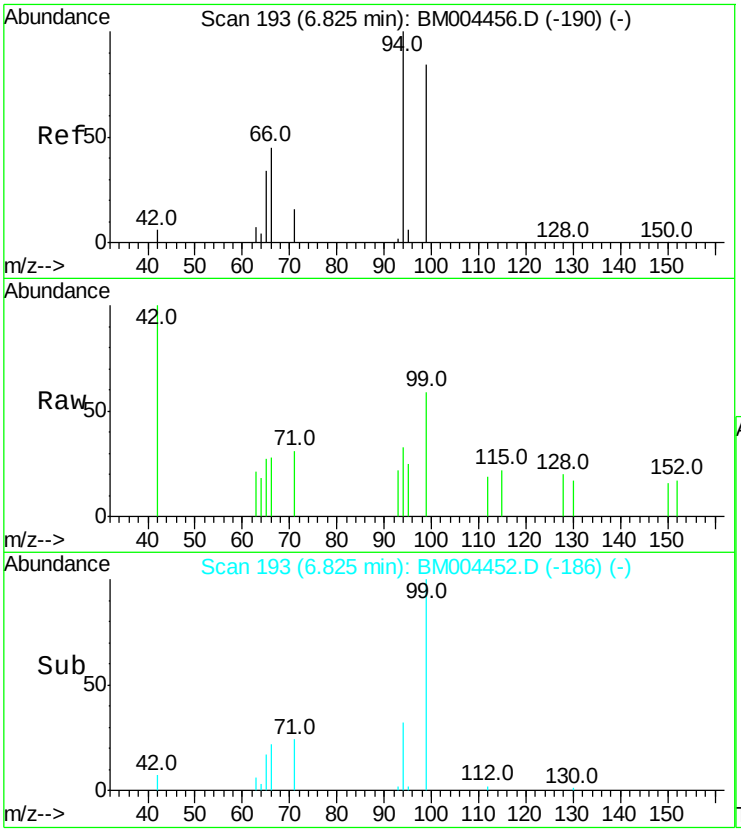


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.21 min Scan# 124
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:112 Resp: 315

Ion	Ratio	Lower	Upper
112	100		
64	45.7	39.4	59.2
63	25.1	19.9	29.9





#5
Phenol-d6
Concen: 0.10 ng
RT: 6.83 min Scan# 193
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion: 99 Resp: 332

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	32.8	0.0	0.0#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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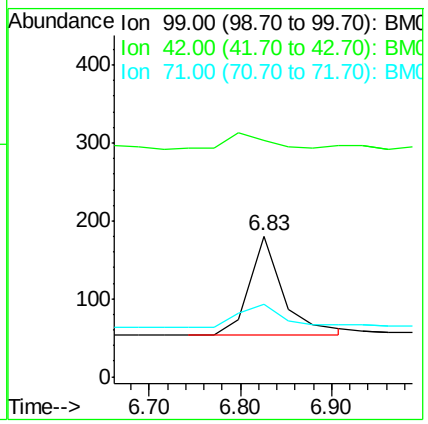
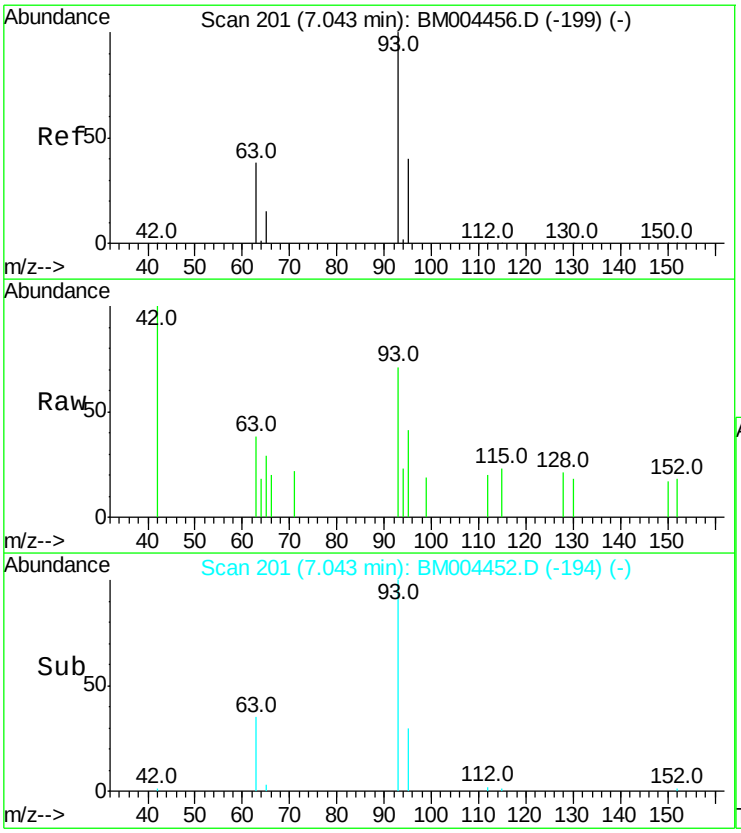
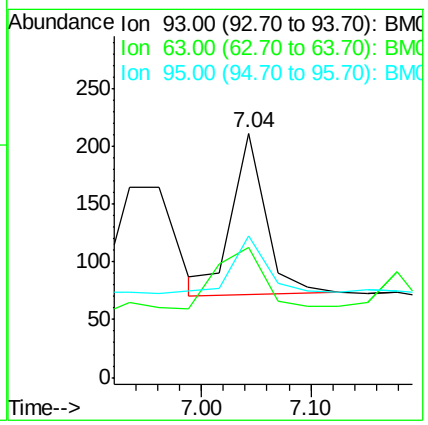


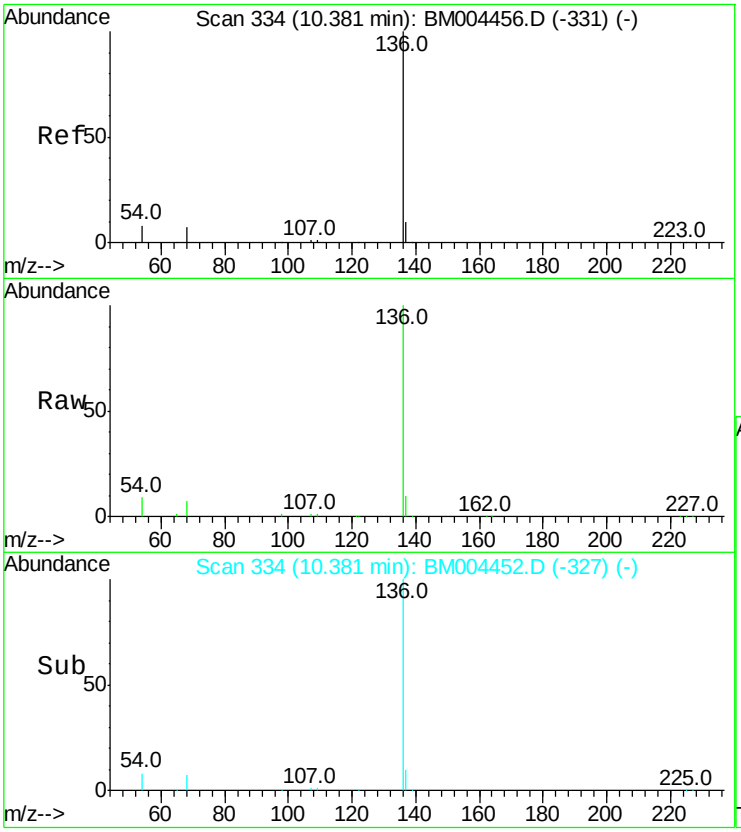


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.04 min Scan# 201
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion: 93 Resp: 299

Ion	Ratio	Lower	Upper
93	100		
63	62.9	0.0	0.0#
95	36.1	27.1	40.7

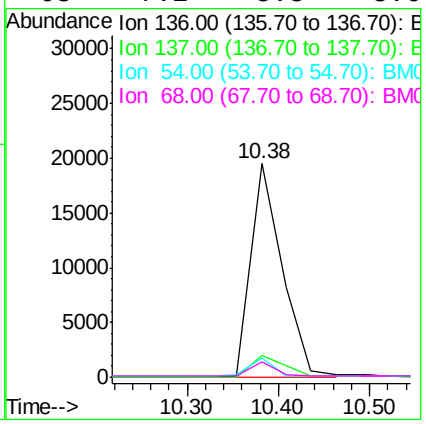




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:136 Resp: 46466

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.0	12.0
54	8.8	7.0	10.6
68	7.2	5.8	8.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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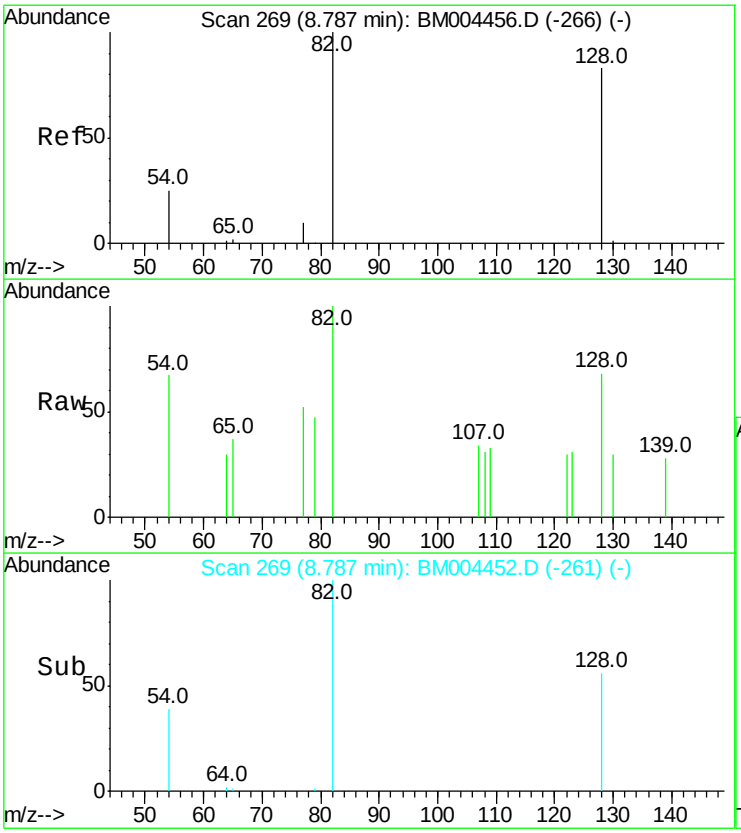
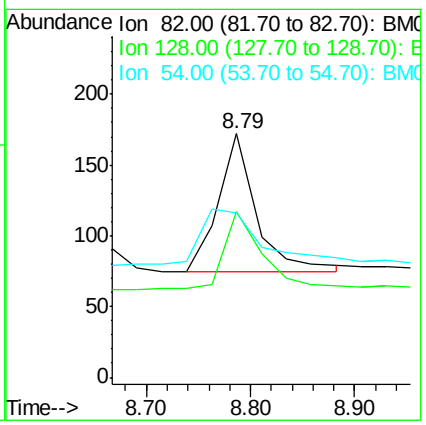
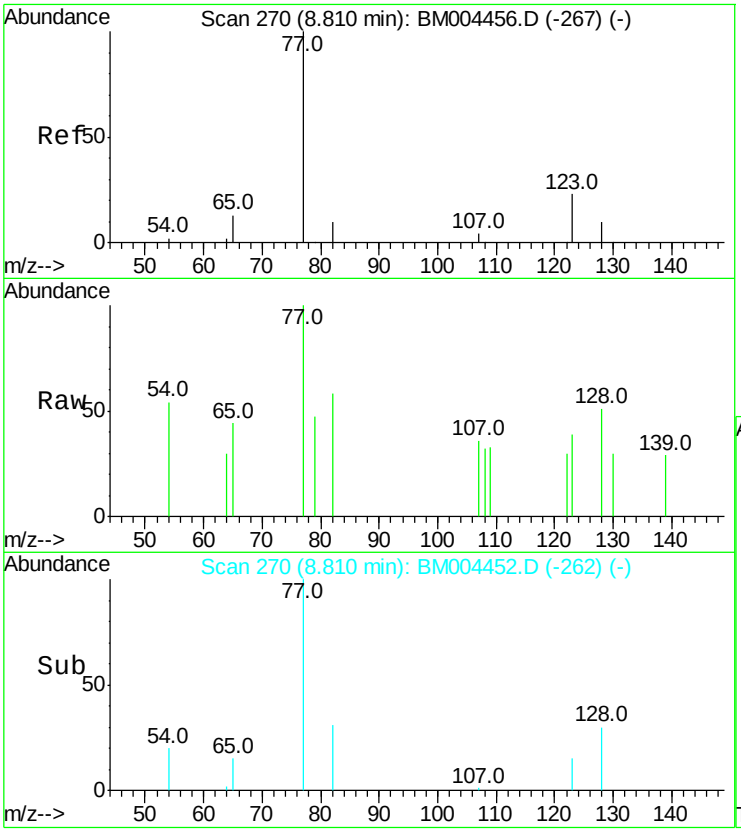


#8
Nitrobenzene-d5
Concen: 0.12 ng
RT: 8.79 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion: 82 Resp: 245

Ion	Ratio	Lower	Upper
82	100		
128	68.0	67.0	100.6
54	67.4	25.2	37.8#

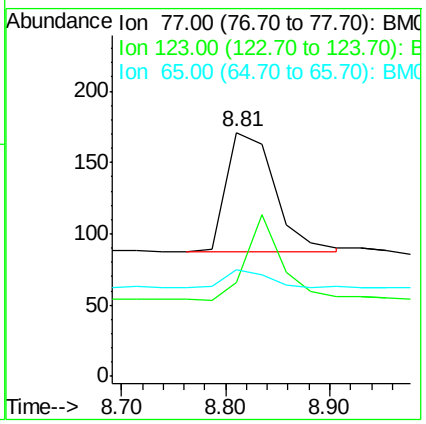




#9
Nitrobenzene
Concen: 0.11 ng
RT: 8.81 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion: 77 Resp: 273

Ion	Ratio	Lower	Upper
77	100		
123	0.0	0.0	0.0
65	13.2	10.1	15.1



Instrument :
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ClientSampleId :
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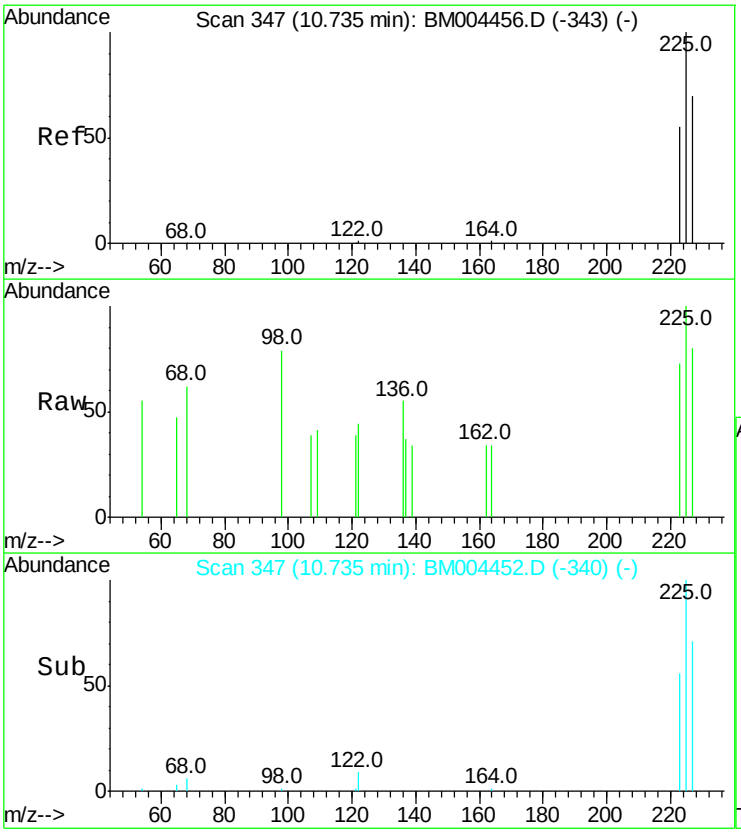
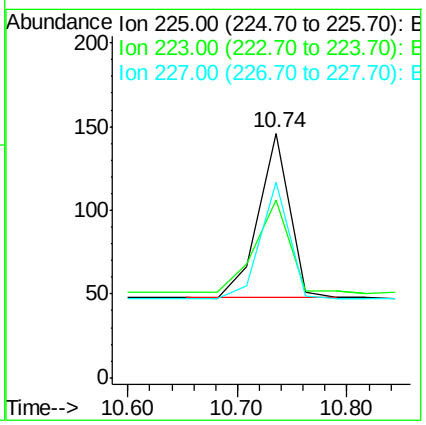
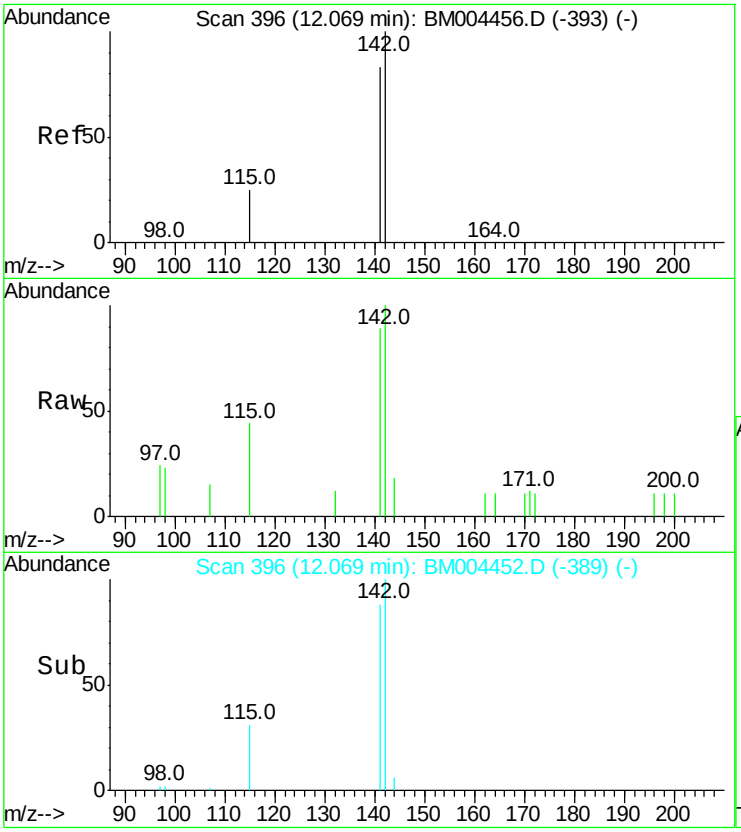


#10
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.74 min Scan# 347
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:225 Resp: 193

Ion	Ratio	Lower	Upper
225	100		
223	66.8	48.4	72.6
227	67.9	52.8	79.2

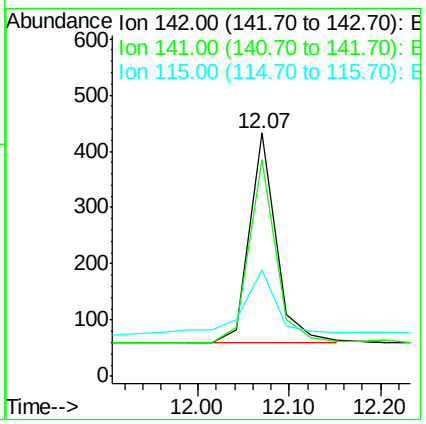




#11
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.07 min Scan# 396
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:142 Resp: 768

Ion	Ratio	Lower	Upper
142	100		
141	89.1	66.4	99.6
115	43.9	21.6	32.4#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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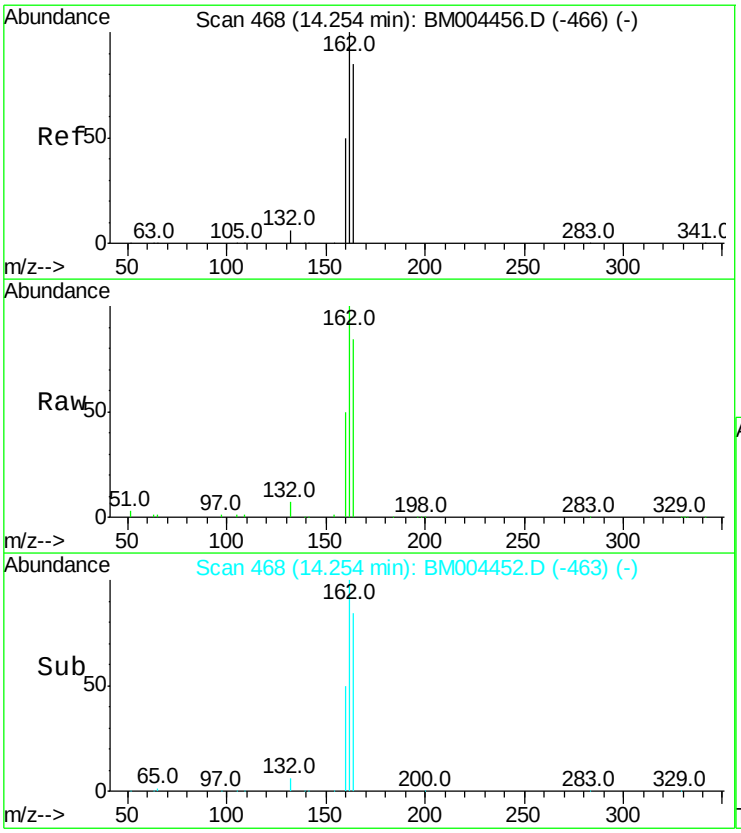
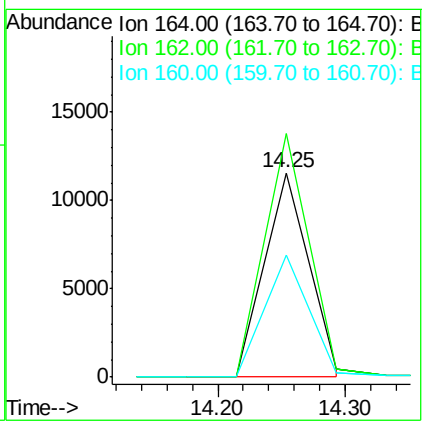
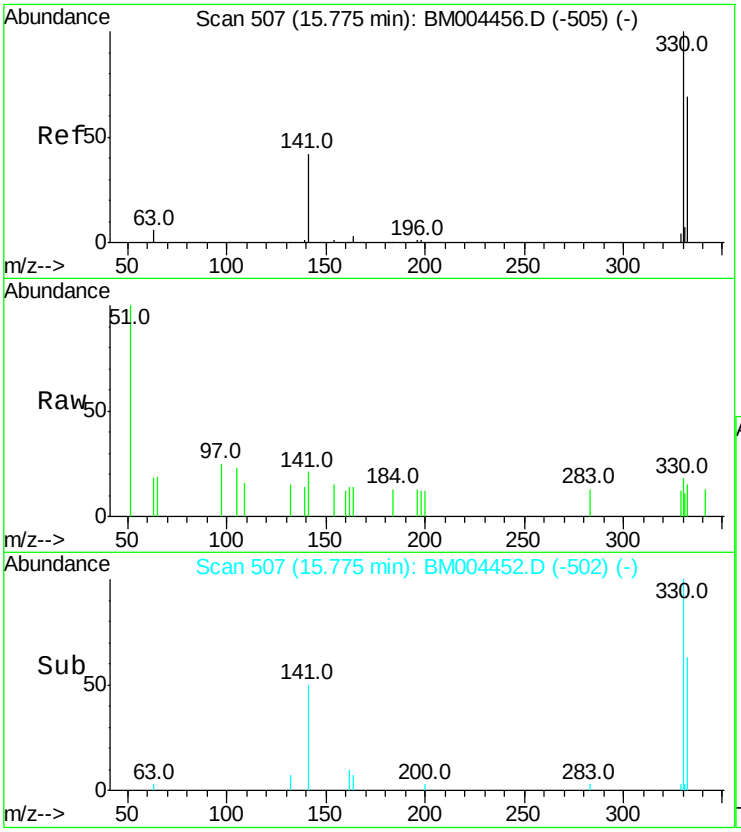


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:164 Resp: 27825

Ion	Ratio	Lower	Upper
164	100		
162	119.2	94.6	141.8
160	59.8	47.0	70.4

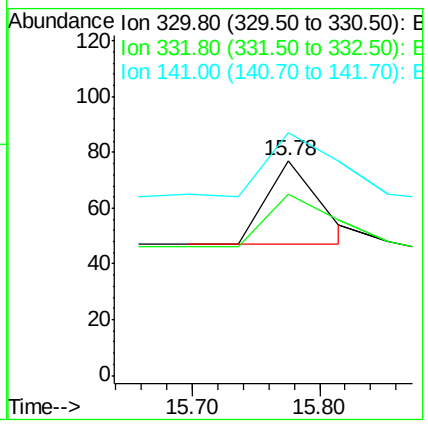




#13
2,4,6-Tribromophenol
Concen: 0.10 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:330 Resp: 87

Ion	Ratio	Lower	Upper
330	100		
332	78.2	59.2	88.8
141	100.0	33.0	49.4#



Instrument :
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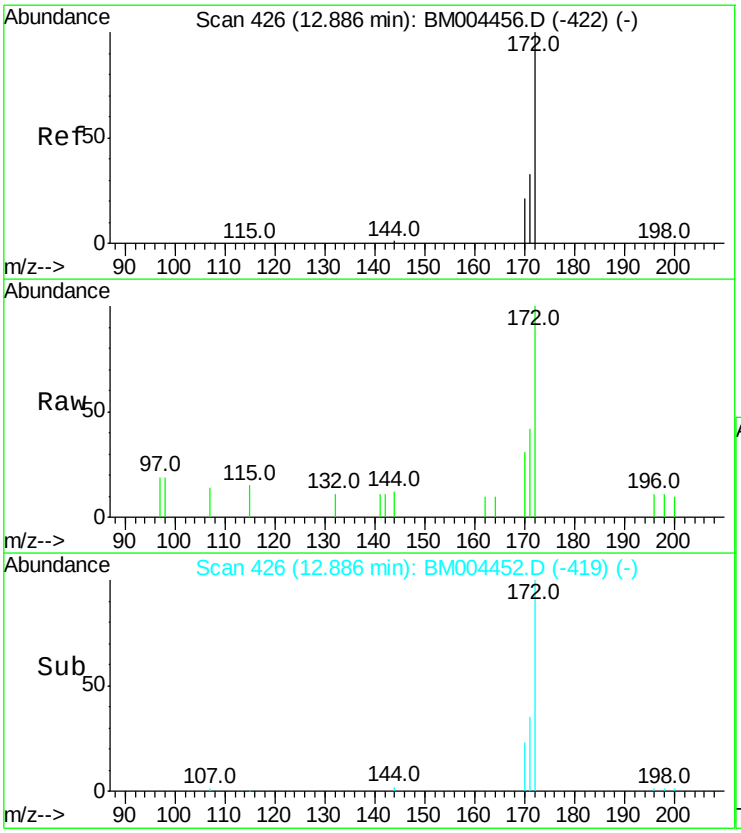
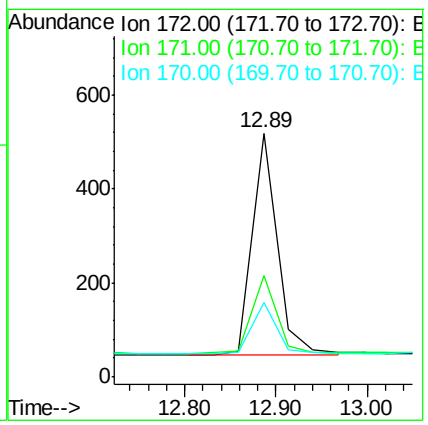
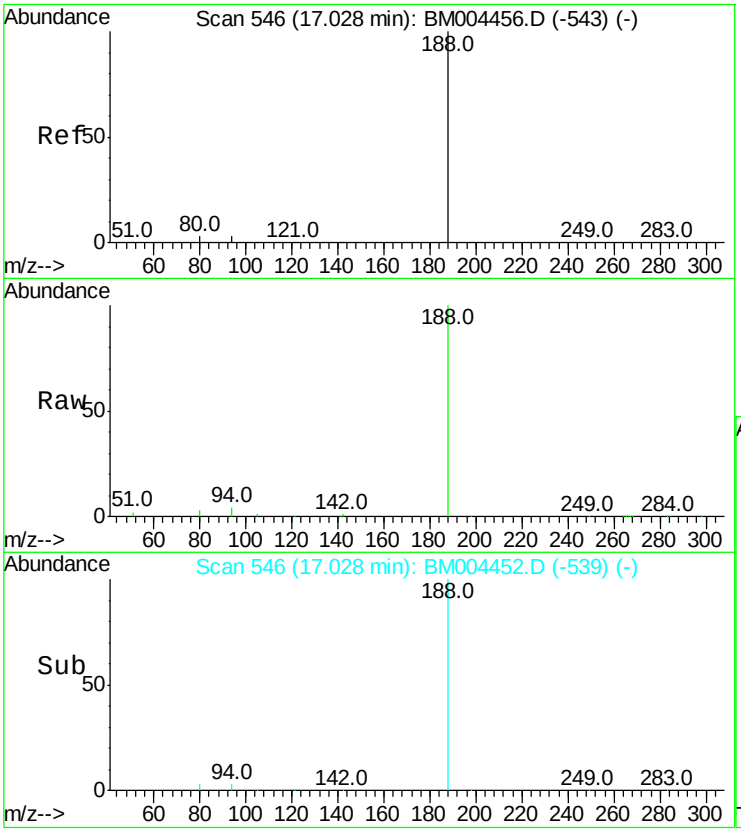


#14
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.89 min Scan# 426
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:172 Resp: 890

Ion	Ratio	Lower	Upper
172	100		
171	41.7	27.2	40.8#
170	30.5	17.4	26.0#

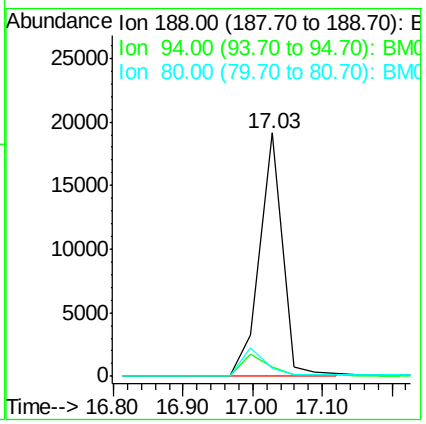




#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:188 Resp: 43094

Ion	Ratio	Lower	Upper
188	100		
94	3.7	2.7	4.1
80	3.1	2.2	3.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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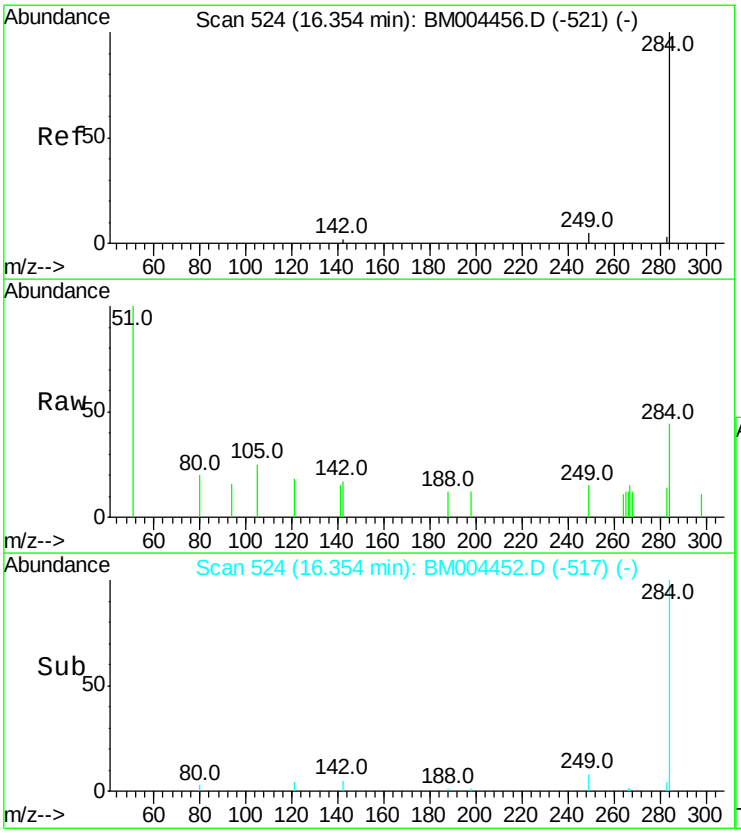
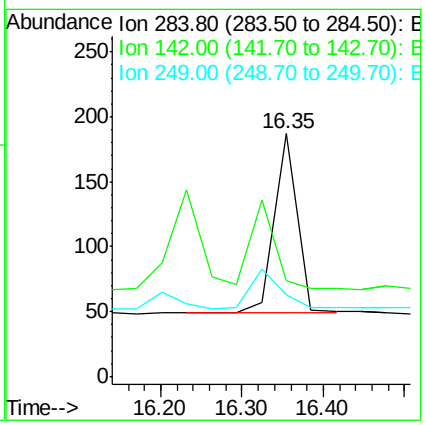
2/29/2016 2:52:11 PM

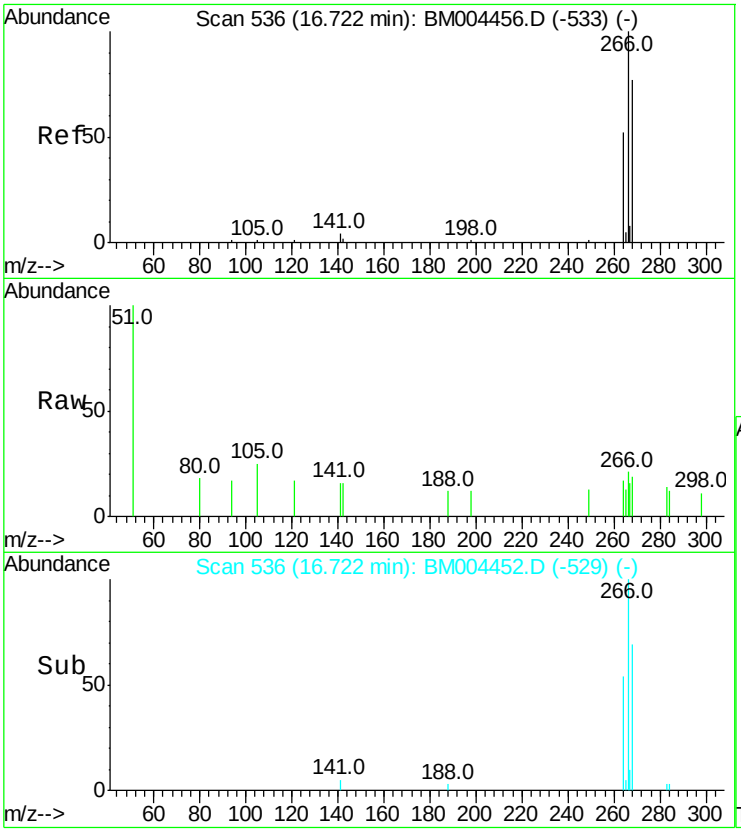


#16
Hexachlorobenzene
Concen: 0.18 ng
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:284 Resp: 274

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

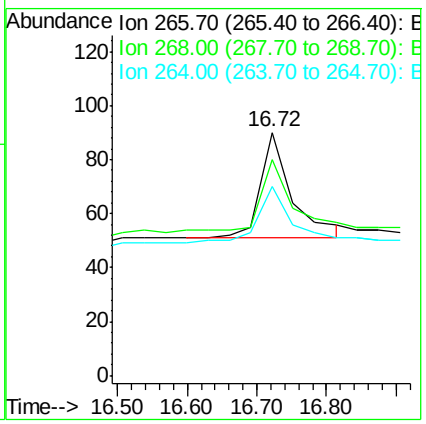




#17
Pentachlorophenol
Concen: 0.31 ng
RT: 16.72 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:266 Resp: 125

Ion	Ratio	Lower	Upper
266	100		
268	88.9	66.8	100.2
264	77.8	49.4	74.0#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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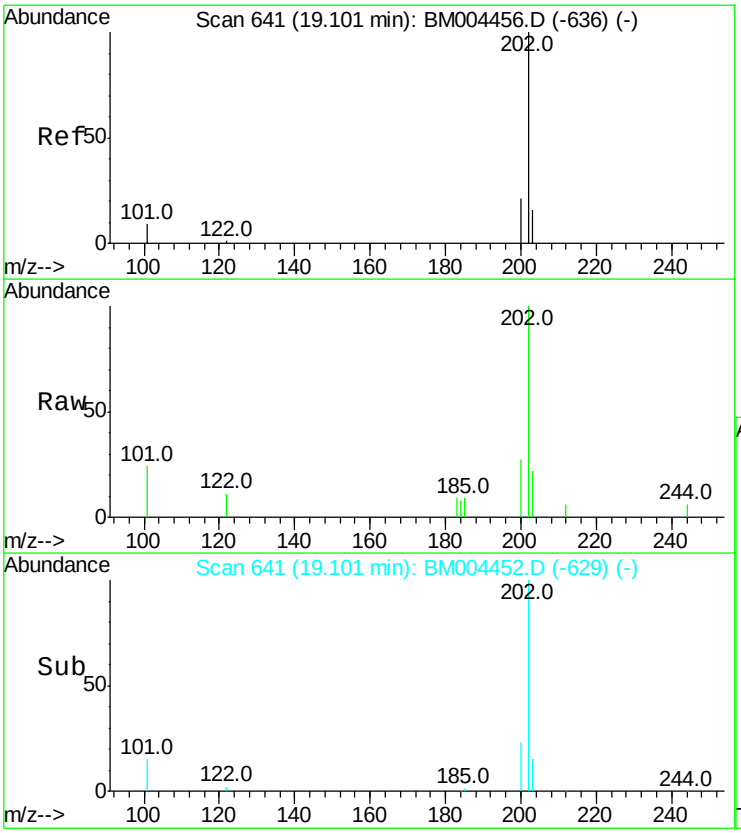
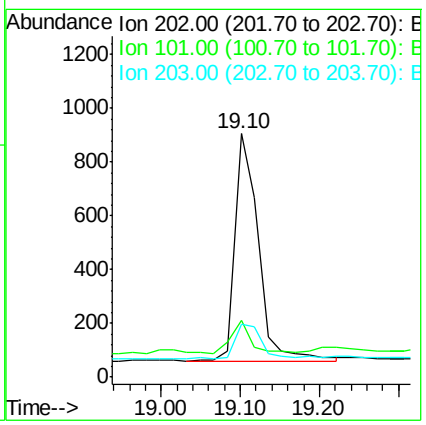
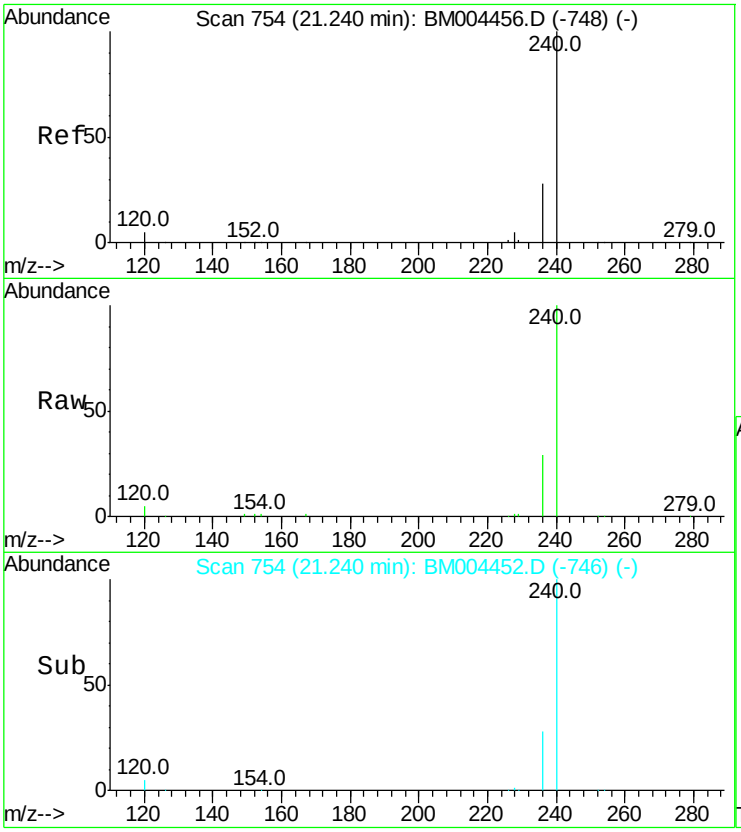


#18
Fluoranthene
Concen: 0.14 ng
RT: 19.10 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:202 Resp: 1741

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.4	14.0
203	17.9	13.9	20.9

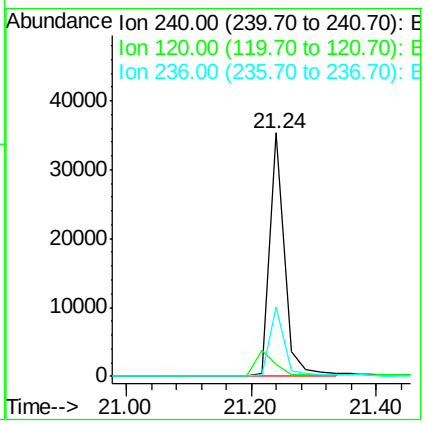




#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:240 Resp: 58717

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.0	6.0
236	28.6	22.7	34.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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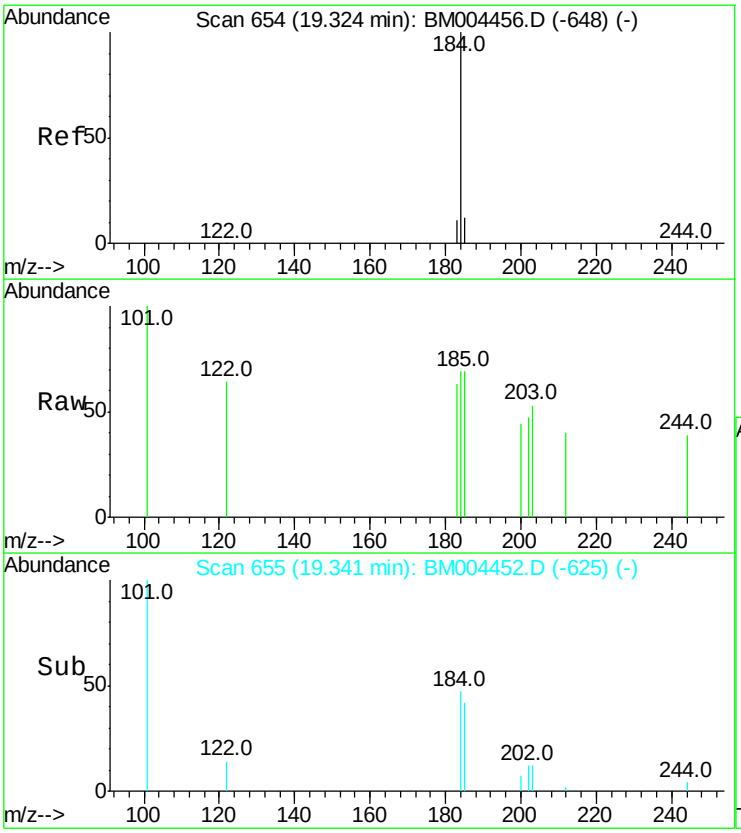
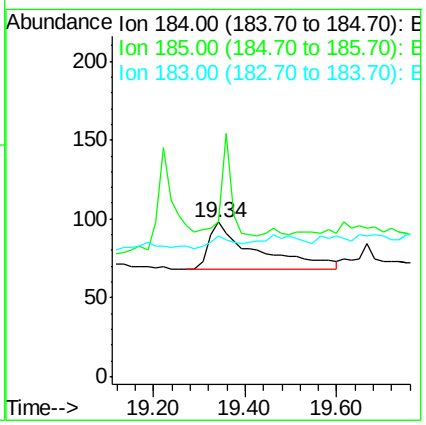
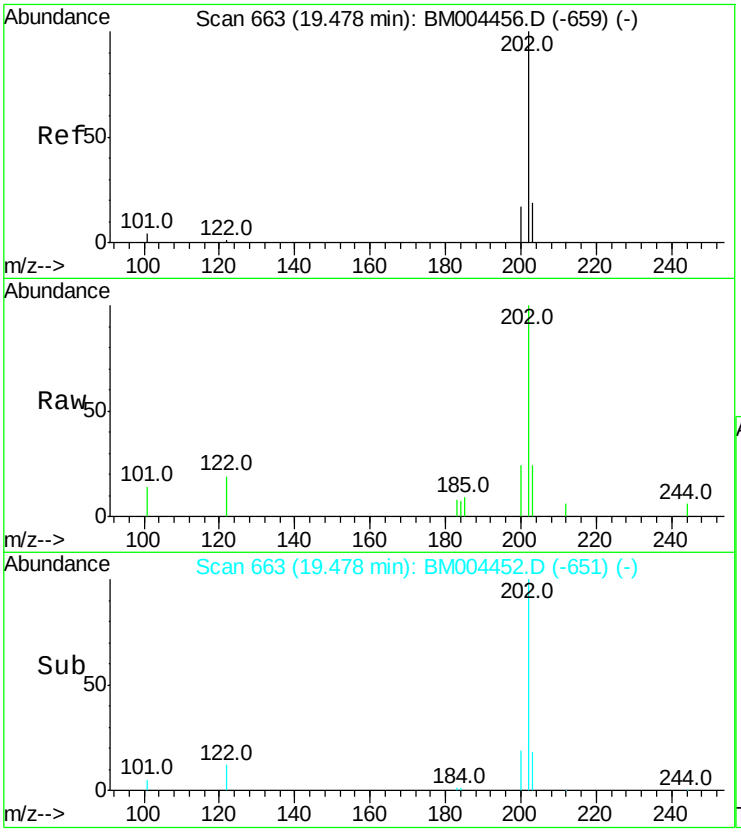


#20
Benzidine
Concen: 0.08 ng
RT: 19.34 min Scan# 655
Delta R.T. 0.02 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:184 Resp: 216

Ion	Ratio	Lower	Upper
184	100		
185	100.0	20.8	31.2#
183	90.8	18.5	27.7#

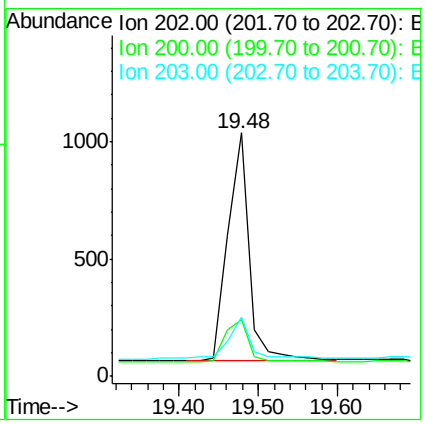




#21
Pyrene
Concen: 0.11 ng
RT: 19.48 min Scan# 663
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:202 Resp: 1810

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	24.8
203	20.9	13.9	20.9#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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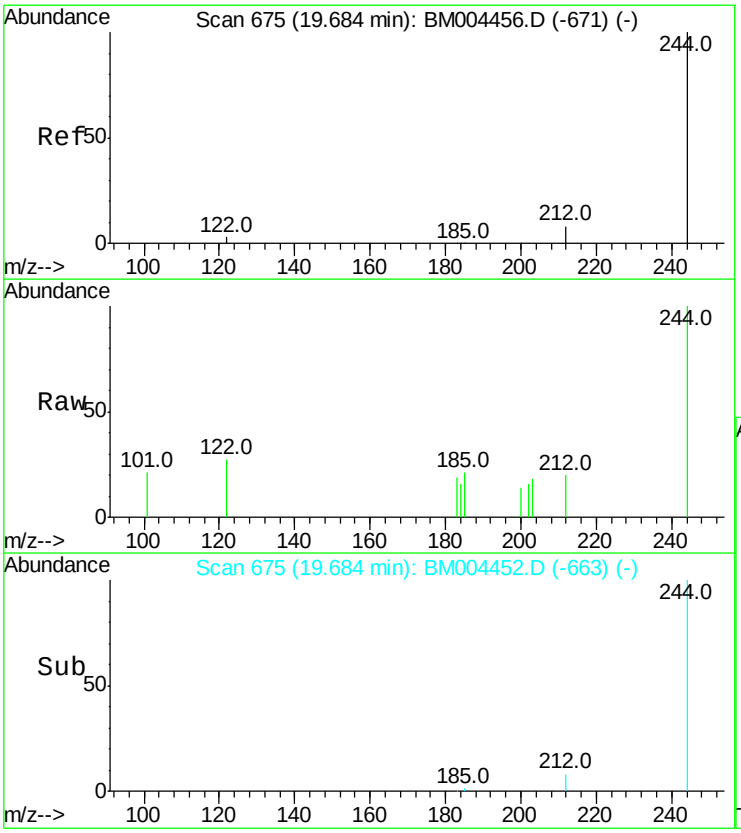
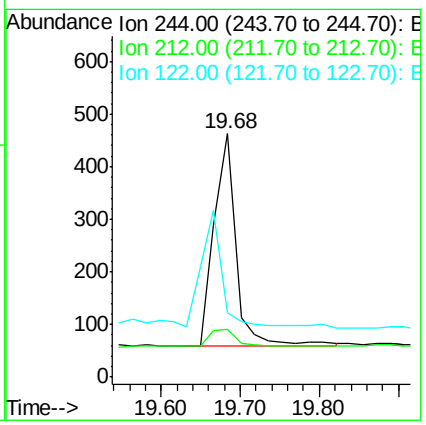
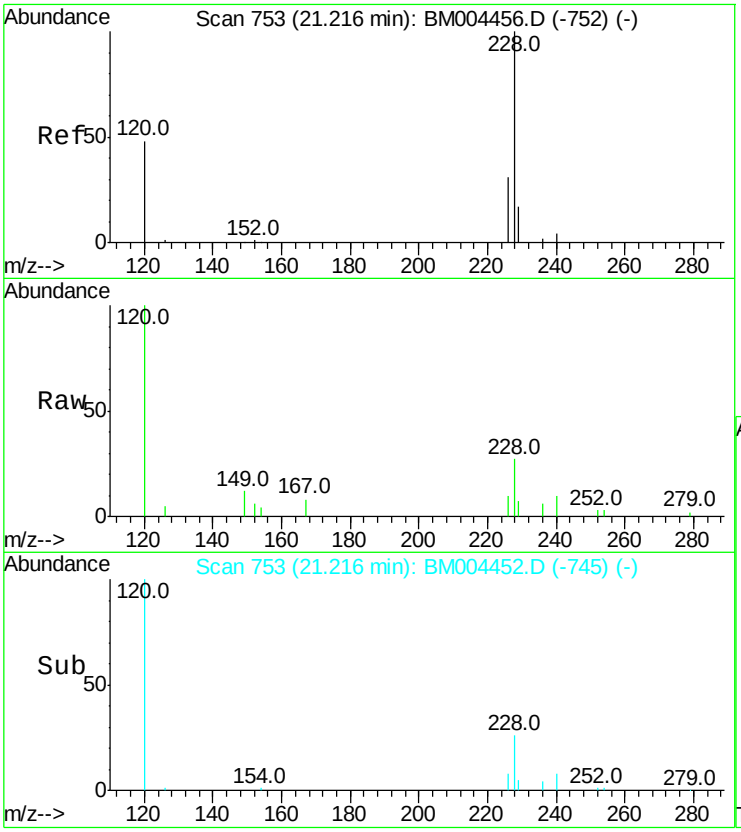


#22
Terphenyl-d14
Concen: 0.10 ng
RT: 19.68 min Scan# 675
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:244 Resp: 765

Ion	Ratio	Lower	Upper
244	100		
212	19.7	7.4	11.2#
122	26.6	4.2	6.2#





#23
Benzo(a)anthracene
Concen: 0.11 ng m
RT: 21.22 min Scan# 753
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:228 Resp: 1867

Ion	Ratio	Lower	Upper
228	100		
226	36.4	25.1	37.7
229	25.8	14.2	21.4#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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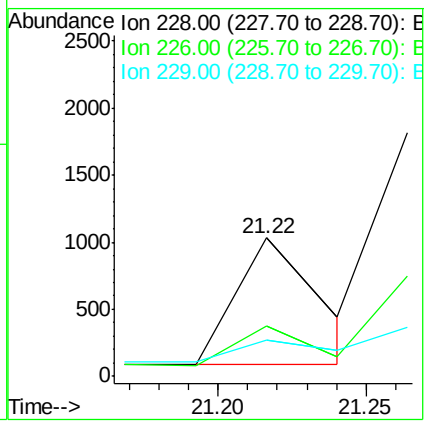
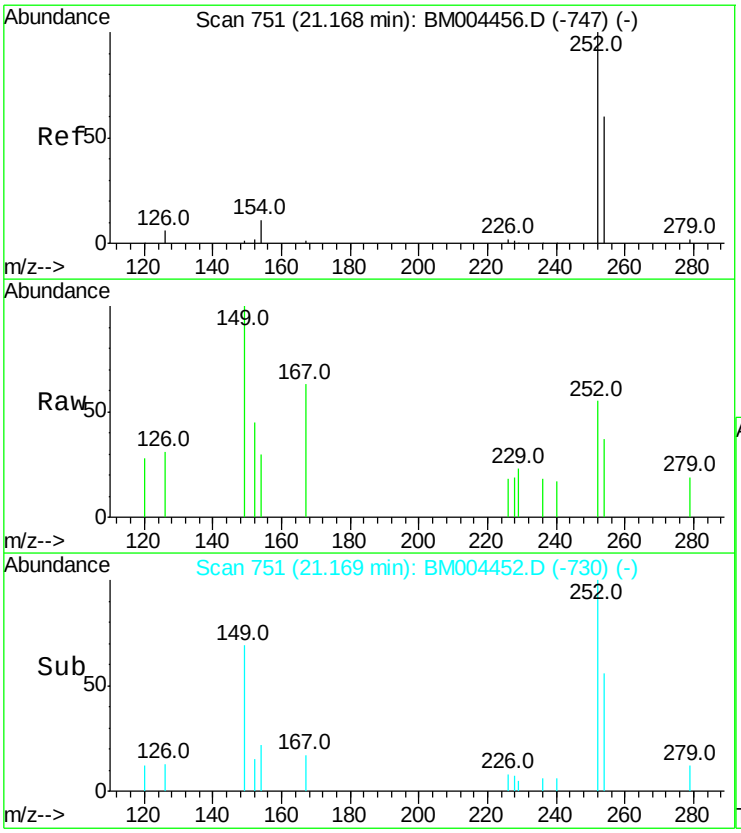
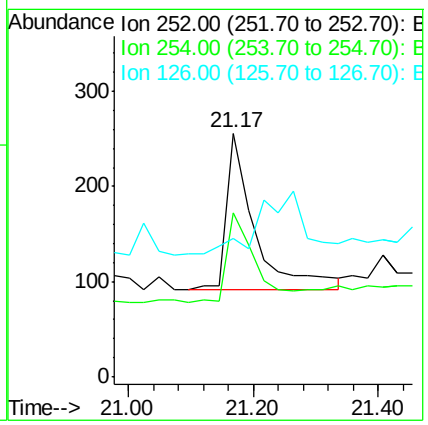


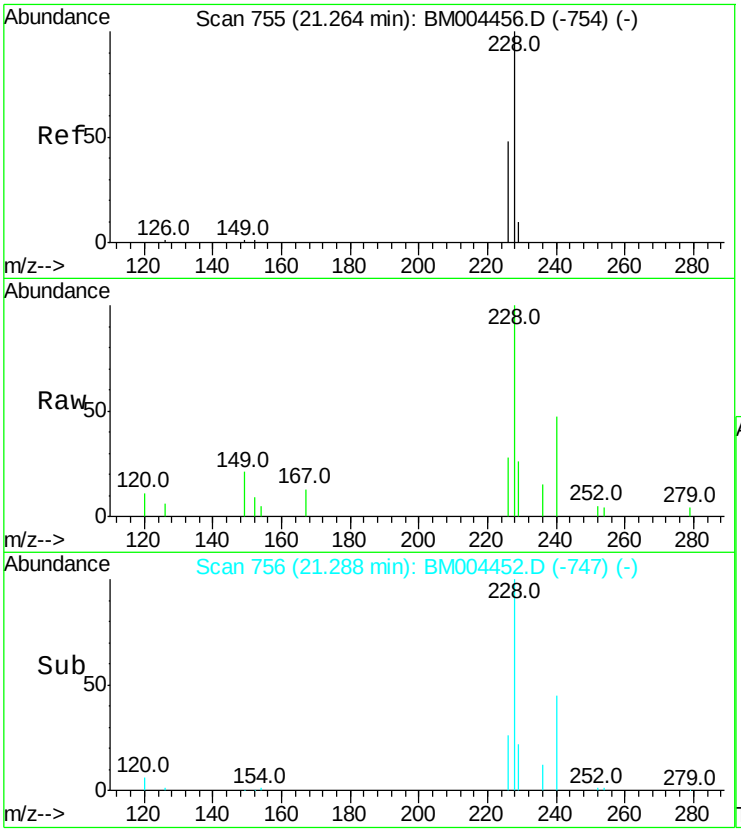


#24
3,3'-Dichlorobenzidine
Concen: 0.12 ng
RT: 21.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:252 Resp: 527

Ion	Ratio	Lower	Upper
252	100		
254	67.2	48.7	73.1
126	57.0	8.2	12.2#





#25
Chrysene
Concen: 0.45 ng m
RT: 21.29 min Scan# 756
Delta R.T. 0.02 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:228 Resp: 7251

Ion	Ratio	Lower	Upper
228	100		
226	28.3	31.0	46.6#
229	25.9	13.4	20.2#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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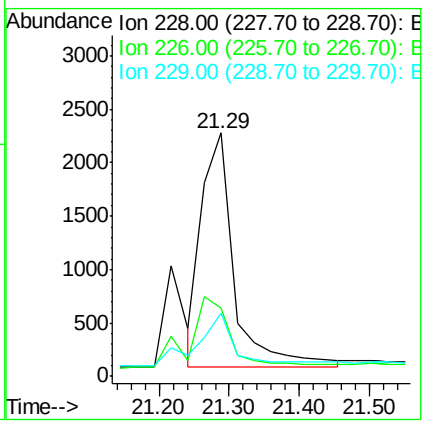
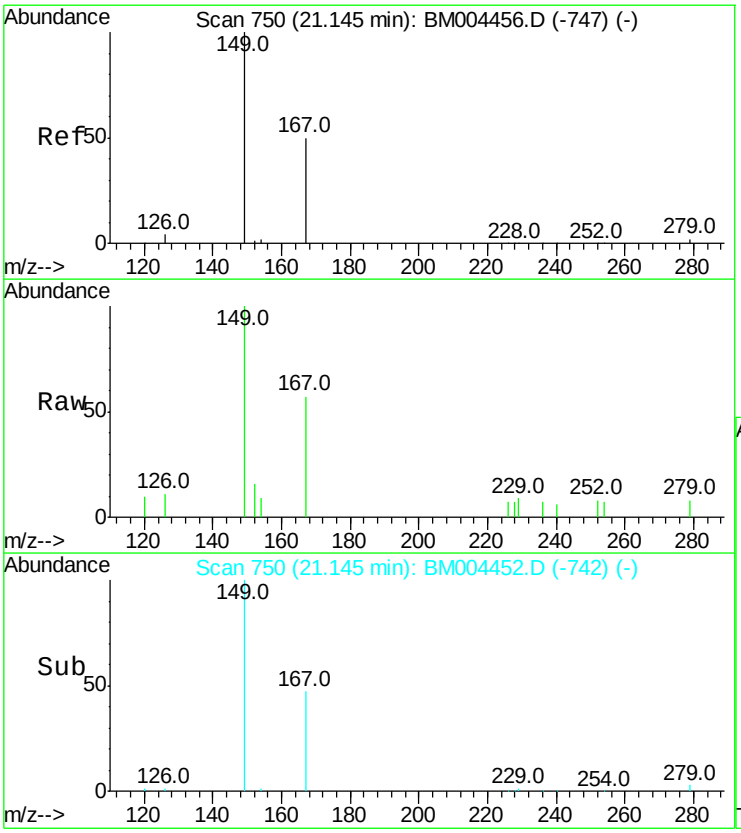
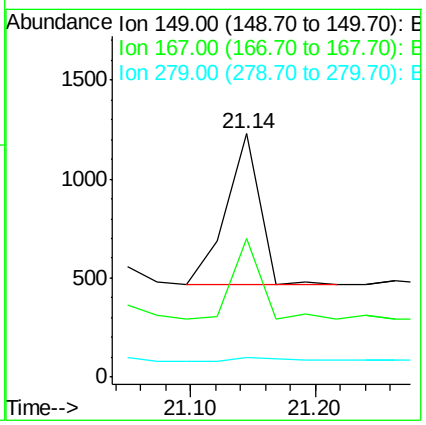


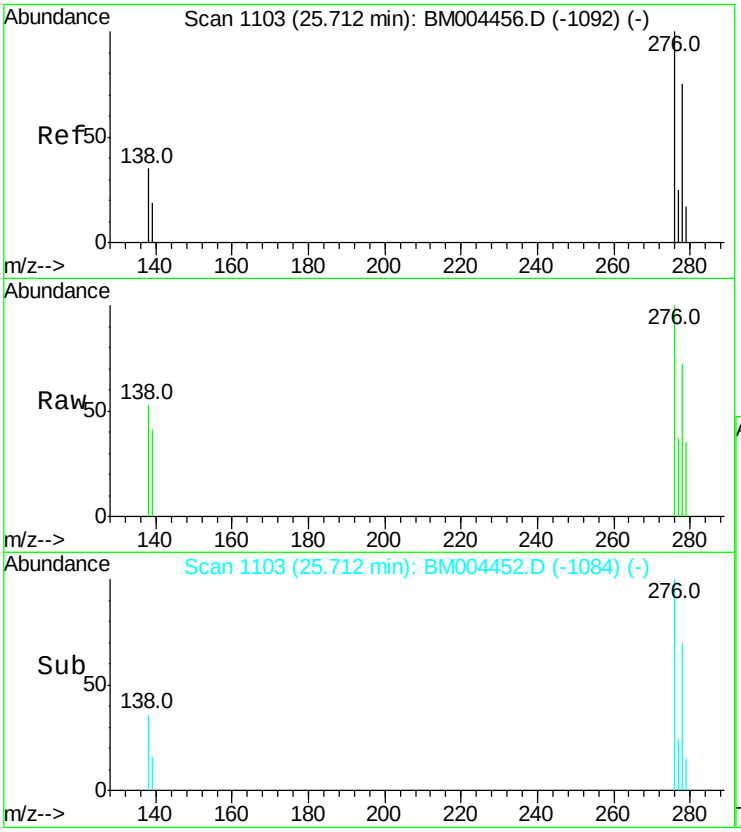


#26
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.14 min Scan# 750
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:149 Resp: 1434

Ion	Ratio	Lower	Upper
149	100		
167	44.8	33.1	49.7
279	4.3	2.0	3.0#

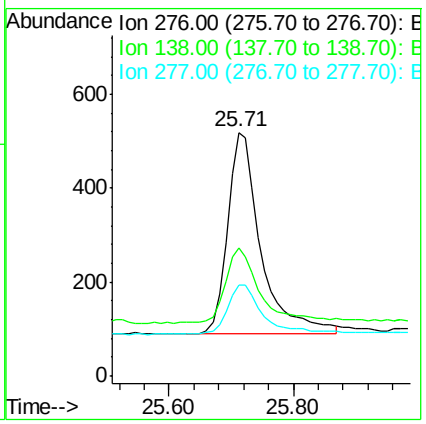




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.71 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:276 Resp: 1619

Ion	Ratio	Lower	Upper
276	100		
138	38.4	30.0	45.0
277	25.9	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
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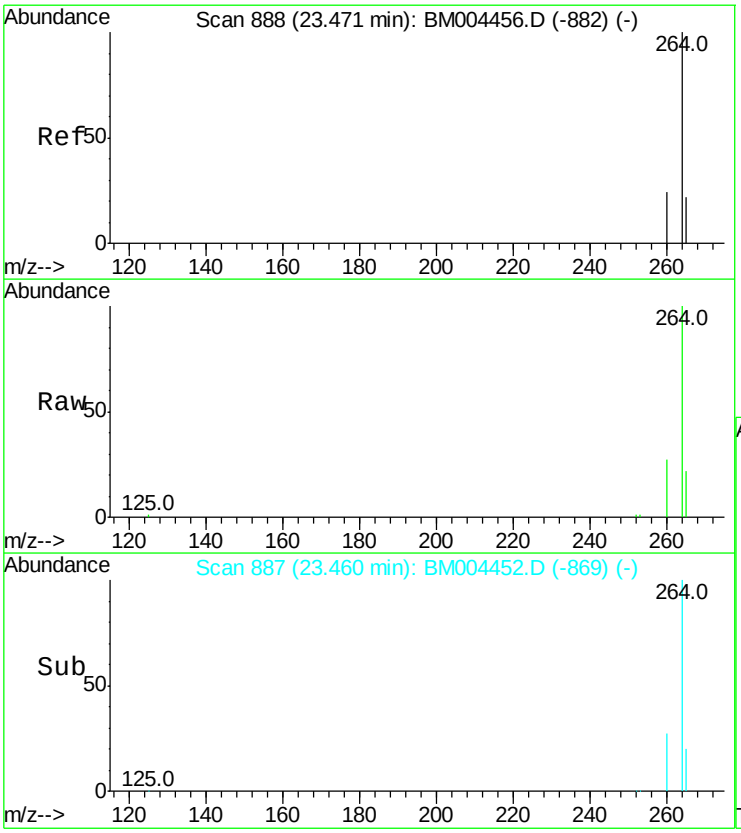
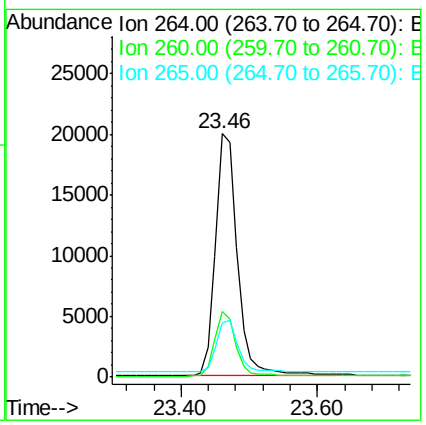
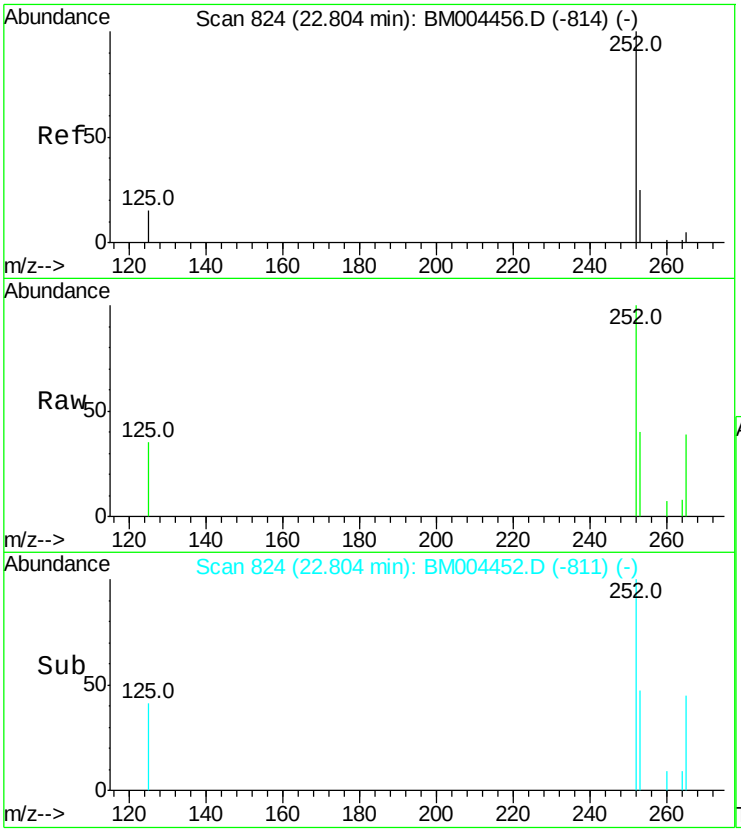


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:264 Resp: 44310

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.4	29.2
265	22.3	18.9	28.3





#29
Benzo(b)fluoranthene
Concen: 0.12 ng
RT: 22.80 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:252 Resp: 1732

Ion	Ratio	Lower	Upper
252	100		
253	40.3	19.8	29.6#
125	35.1	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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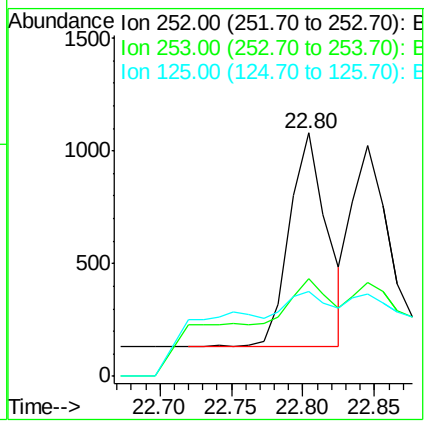
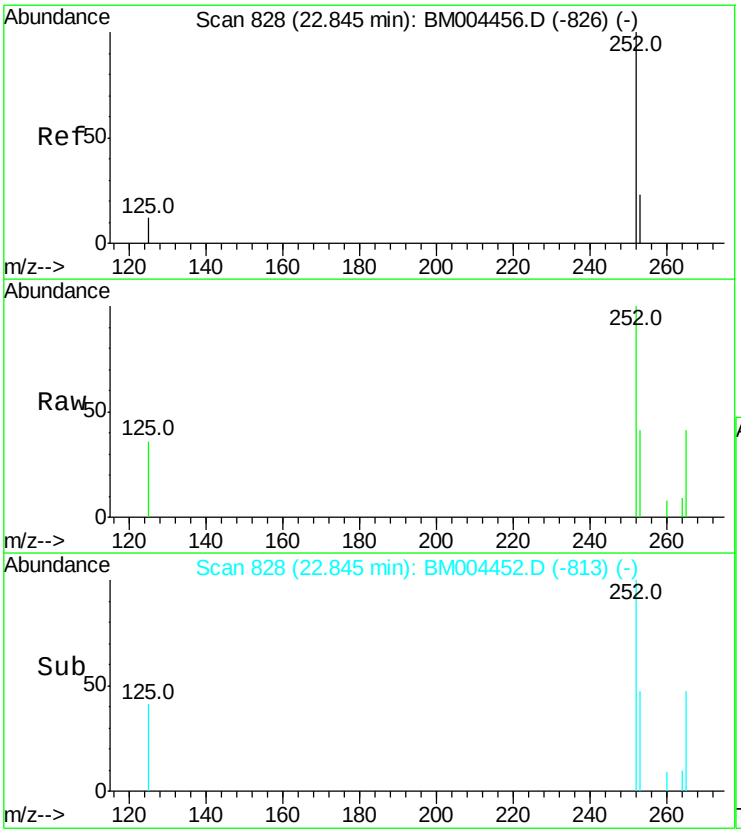
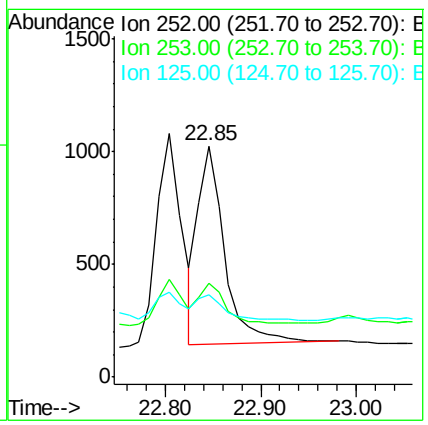


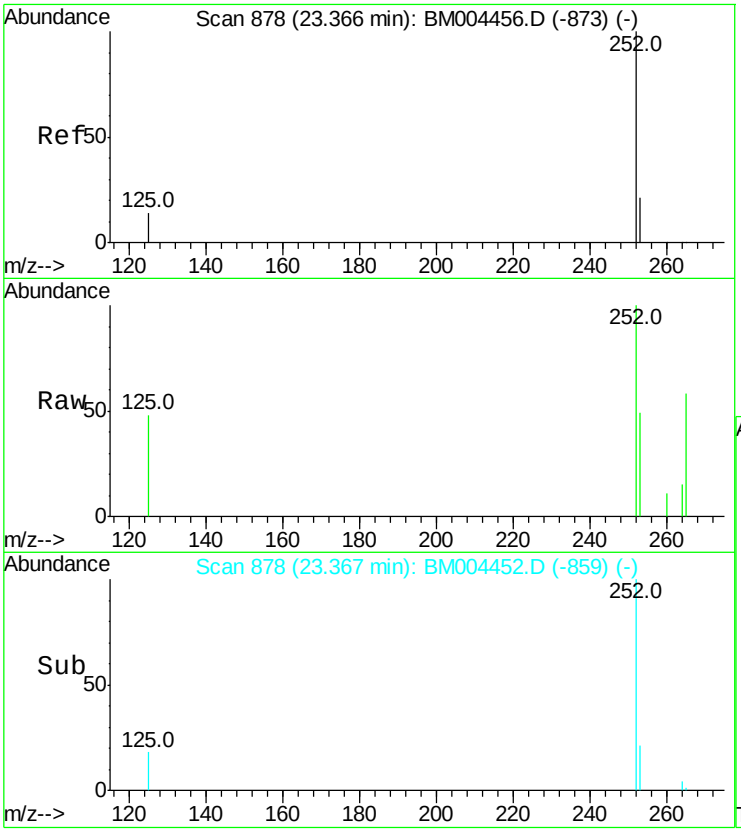


#30
Benzo(k)fluoranthene
Concen: 0.14 ng
RT: 22.85 min Scan# 828
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:252 Resp: 1710

Ion	Ratio	Lower	Upper
252	100		
253	40.5	19.3	28.9#
125	35.6	12.4	18.6#

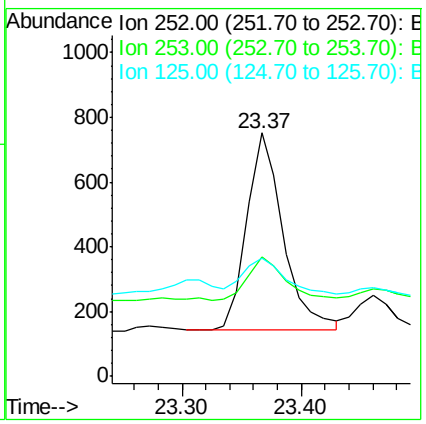




#31
Benzo(a)pyrene
Concen: 0.11 ng
RT: 23.37 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:252 Resp: 1301

Ion	Ratio	Lower	Upper
252	100		
253	48.9	19.3	28.9#
125	48.4	14.4	21.6#



Instrument :
BNA_M
ClientSampleId :
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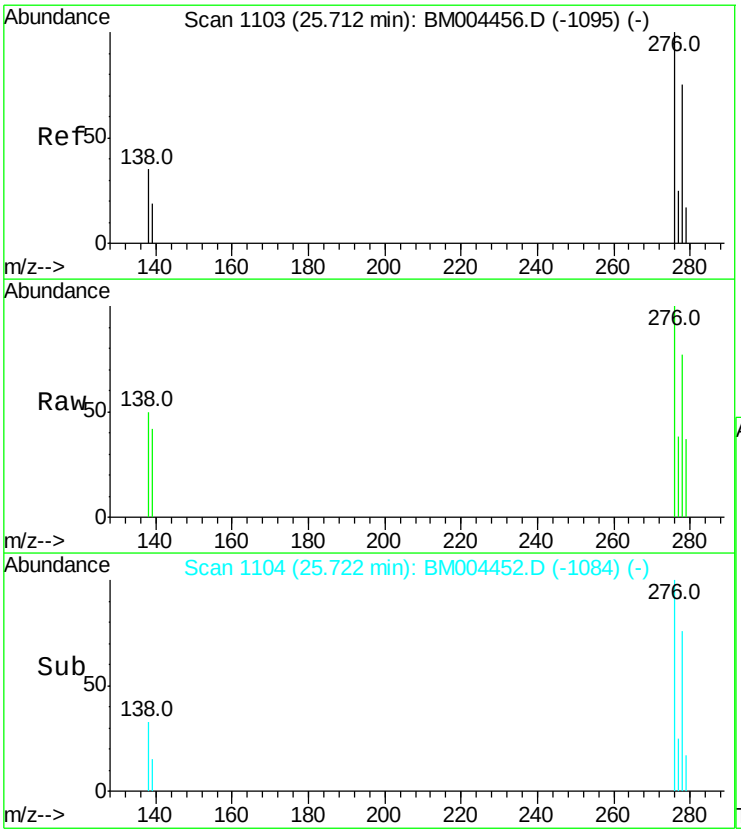
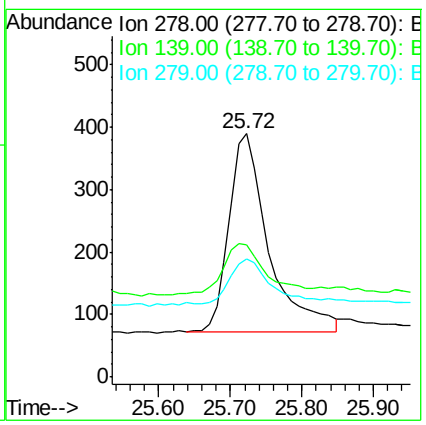
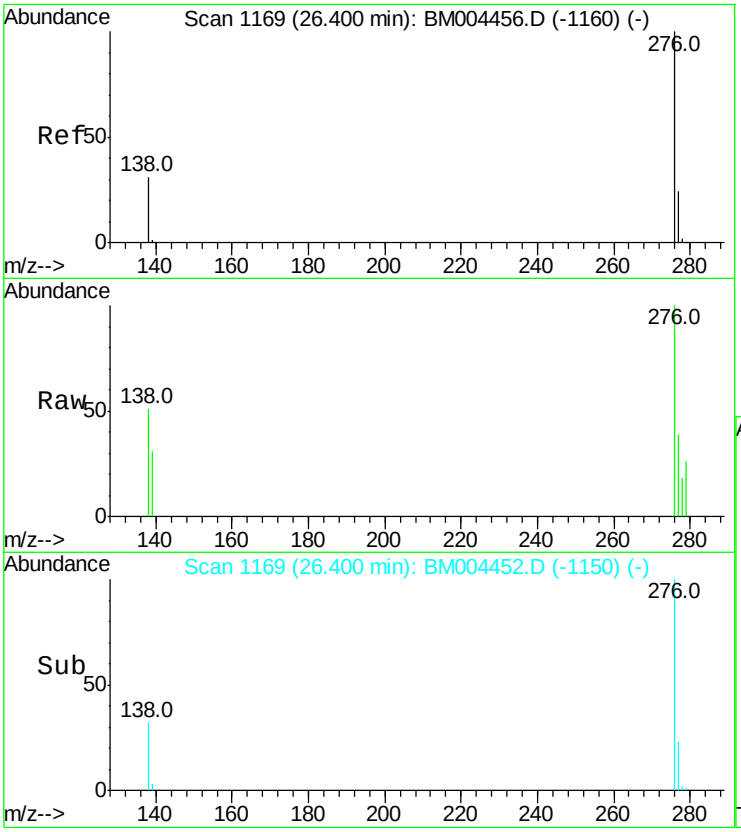


#32
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 25.72 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:278 Resp: 1224

Ion	Ratio	Lower	Upper
278	100		
139	54.1	22.3	33.5#
279	48.7	20.7	31.1#

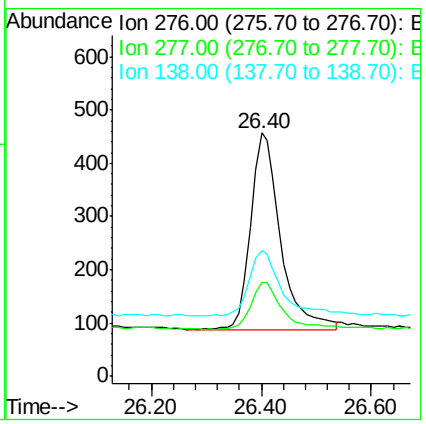




#33
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 26.40 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BM004452.D
Acq: 28 Feb 2016 16:05

Tgt Ion:276 Resp: 1406

Ion	Ratio	Lower	Upper
276	100		
277	38.5	20.4	30.6#
138	51.4	26.4	39.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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