Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090116\
Data File : BM007362.D
Acq On : 01 Sep 2016 17:00
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Sep 02 05:04:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 05:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	2521	5.00	ng		-0.02
7) Naphthalene-d8	10.58	136	11858	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	7981	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	19425	5.00	ng		0.00
26) Chrysene-d12	21.35	240	24155	5.00	ng		0.00
35) Perylene-d12	23.62	264	21202	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	5228	8.98	ng		0.00
5) Phenol-d6	6.97	99	7177	10.06	ng		0.00
8) Nitrobenzene-d5	8.95	82	6845	11.12	ng		-0.01
14) 2,4,6-Tribromophenol	15.90	330	3588	11.47	ng		-0.02
15) 2-Fluorobiphenyl	13.05	172	24476	10.12	ng		0.00
29) Terphenyl-d14	19.79	244	31291	7.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1722	6.52	ng	#	81
3) n-Nitrosodimethylamine	3.65	42	2903	11.19	ng	#	88
6) bis(2-Chloroethyl)ether	7.23	93	5678	9.01	ng		98
9) Nitrobenzene	8.99	77	7537	10.86	ng		96
10) Naphthalene	10.61	128	26294	9.77	ng	#	85
11) Hexachlorobutadiene	10.91	225	4794	11.37	ng	#	1
12) 2-Methylnaphthalene	12.24	142	19115	10.57	ng		96
16) Acenaphthylene	14.13	152	37394	10.50	ng		100
17) Acenaphthene	14.48	154	23509	10.06	ng		96
18) Fluorene	15.46	166	27408	9.89	ng	#	96
20) 4-Bromophenyl-phenylether	16.35	248	8551	8.18	ng	#	90
21) Hexachlorobenzene	16.47	284	9955	9.58	ng	#	97
22) Pentachlorophenol	16.81	266	4618	15.68	ng	#	81
23) Phenanthrene	17.19	178	48995	7.74	ng		99
24) Anthracene	17.29	178	53120	11.17	ng		98
25) Fluoranthene	19.23	202	62911	10.31	ng		99
27) Benzidine	19.41	184	26444	20.31	ng	#	60
28) Pyrene	19.59	202	67052	8.13	ng		100
30) Benzo(a)anthracene	21.33	228	129235	17.47	ng		96
31) 3,3'-Dichlorobenzidine	21.27	252	28054	13.75	ng	#	89
32) Chrysene	21.33	228	129349	17.36	ng	#	87
33) Bis(2-ethylhexyl)phthalate	21.25	149	48897	10.61	ng	#	97
34) Indeno(1,2,3-cd)pyrene	25.90	276	62802	11.73	ng		100
36) Benzo(b)fluoranthene	22.93	252	67320	9.84	ng	#	91
37) Benzo(k)fluoranthene	22.97	252	62224	9.91	ng	#	91
38) Benzo(a)pyrene	23.52	252	61398	10.49	ng	#	90
39) Dibenzo(a,h)anthracene	25.91	278	50827	11.06	ng	#	86
40) Benzo(g,h,i)perylene	26.60	276	51024	10.59	ng	#	88

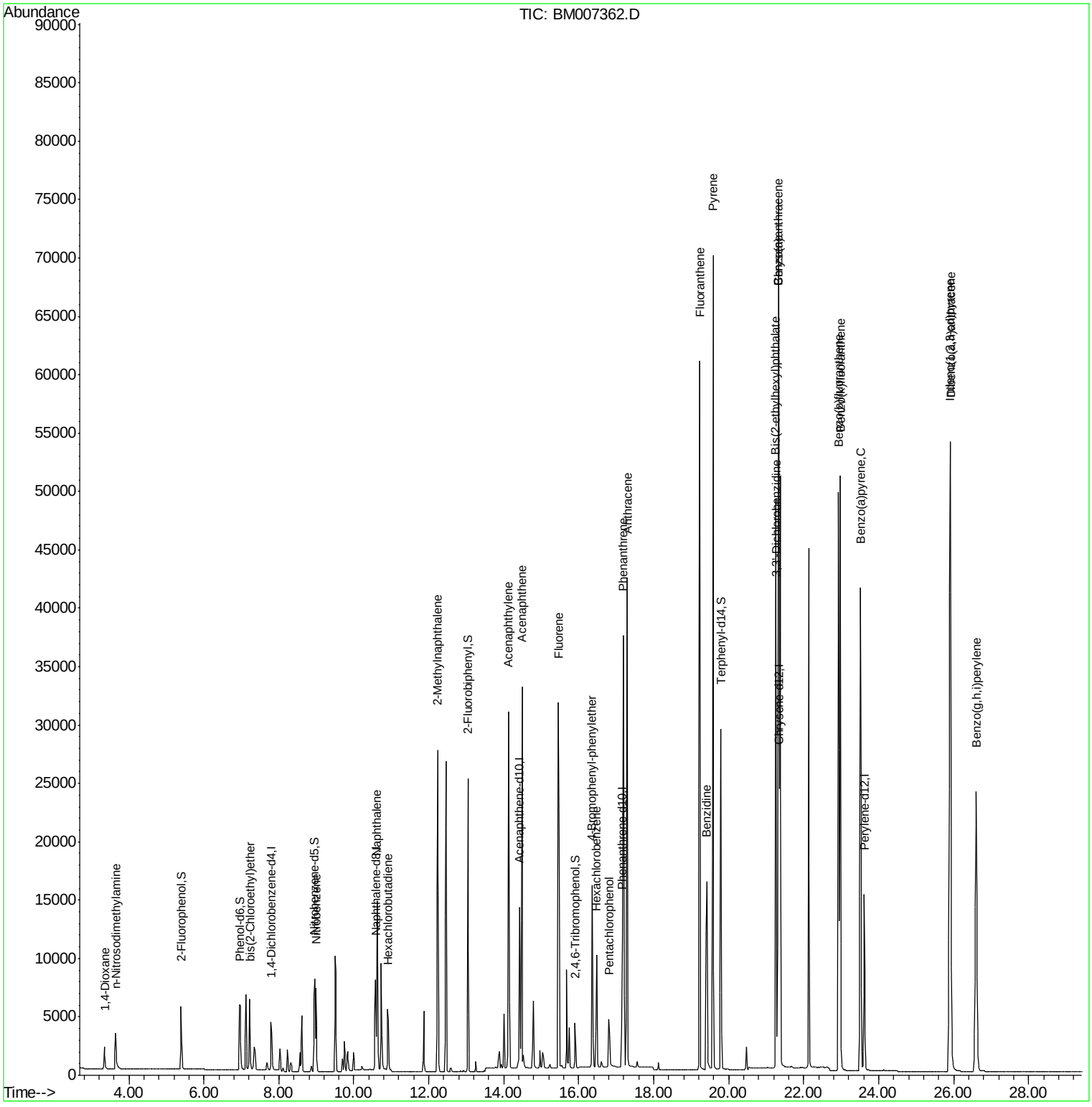
(#) = qualifier out of range (m) = manual integration (+) = signals summed

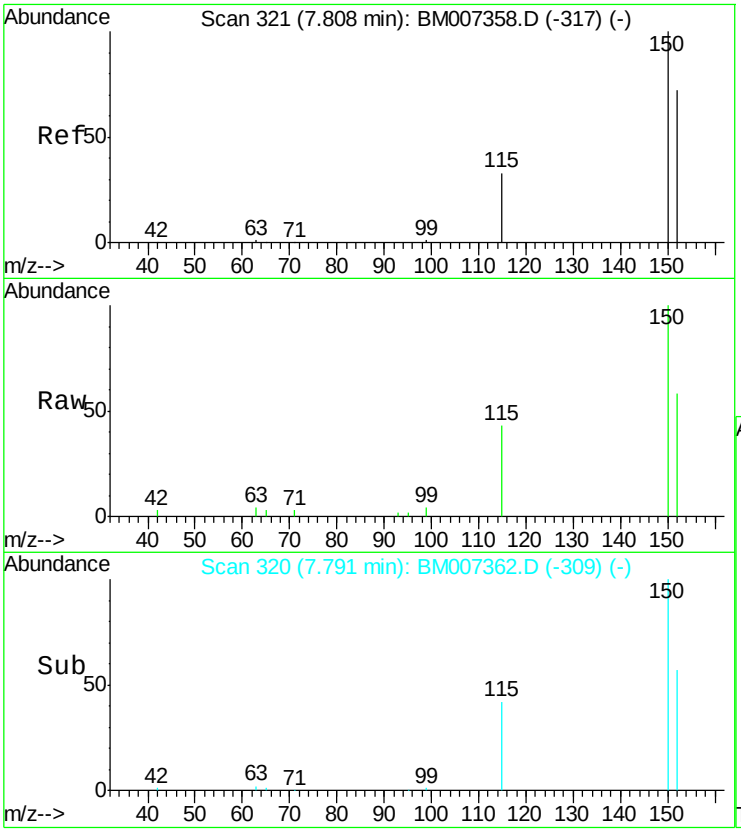
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090116\
Data File : BM007362.D
Acq On : 01 Sep 2016 17:00
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Sep 02 05:04:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 05:02:21 2016
Response via : Initial Calibration



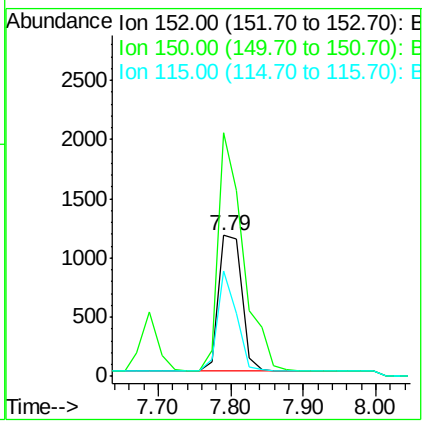


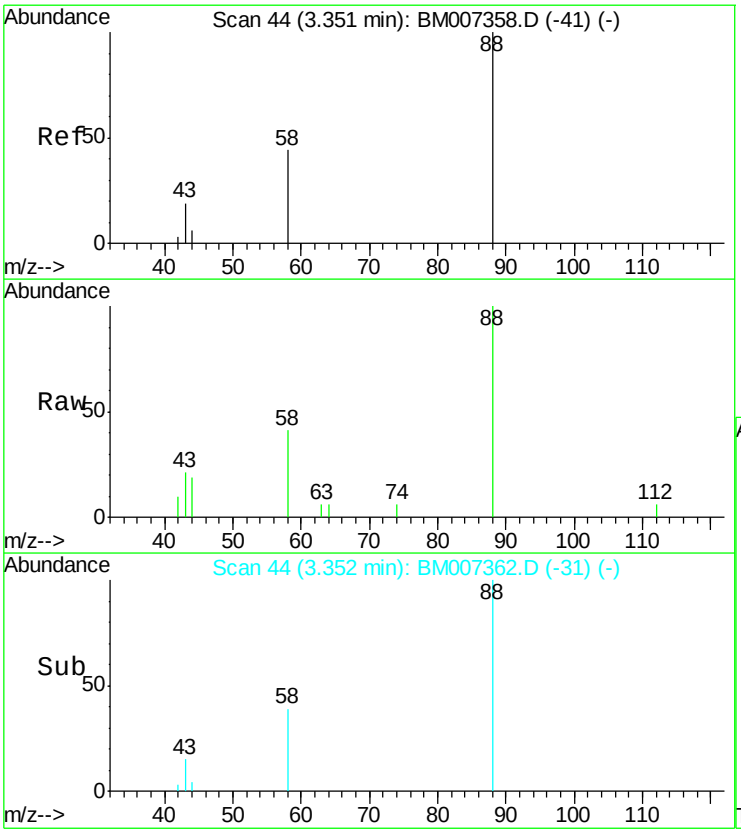
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 320
Delta R.T. -0.02 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 2521

Ion	Ratio	Lower	Upper
152	100		
150	173.1	109.8	164.8#
115	74.5	39.0	58.4#

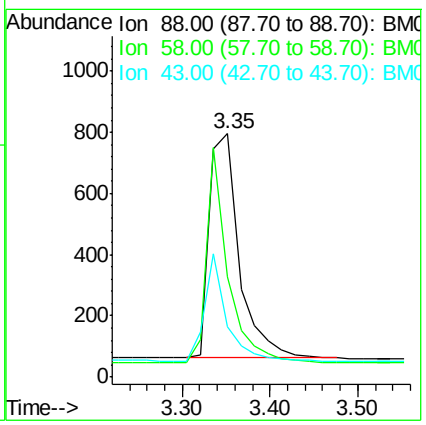


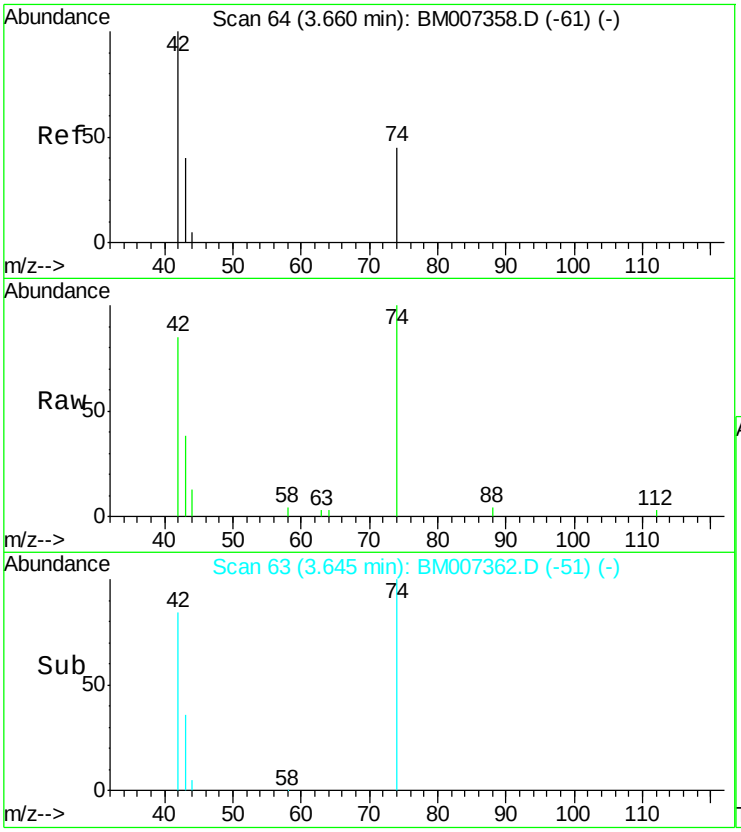


#2
1,4-Dioxane
Concen: 6.52 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion: 88 Resp: 1722

Ion	Ratio	Lower	Upper
88	100		
58	68.6	41.0	61.4#
43	34.8	24.2	36.2



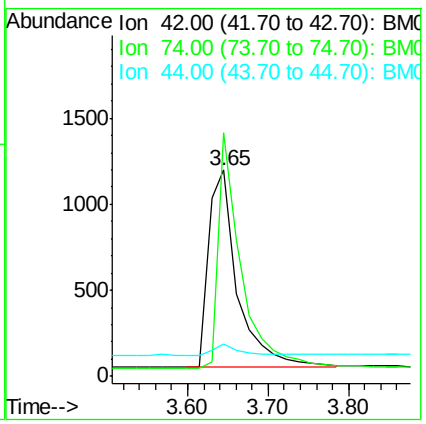


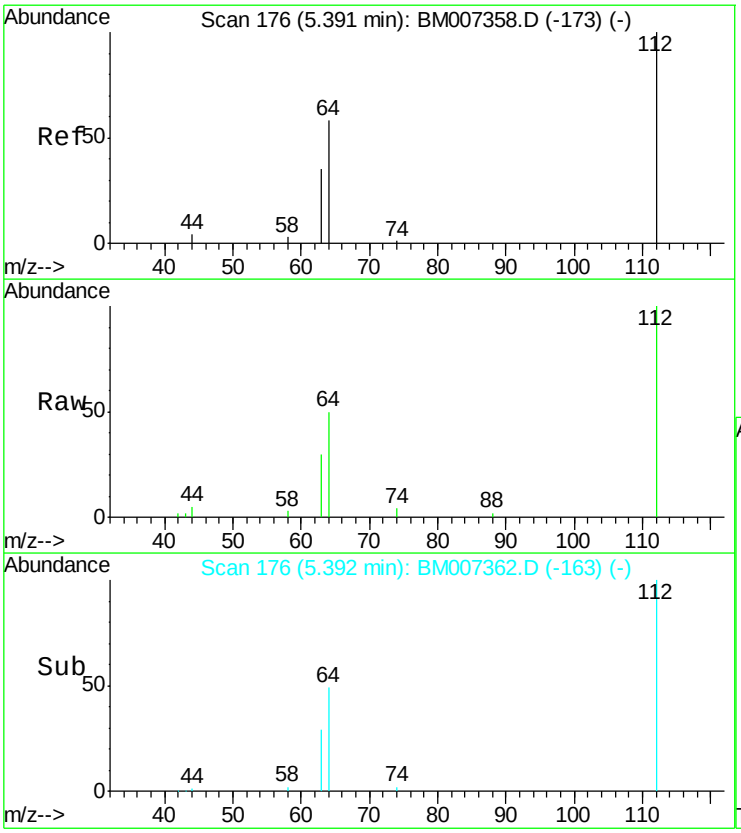
#3
n-Nitrosodimethylamine
Concen: 11.19 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.02 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 2903

Ion	Ratio	Lower	Upper
42	100		
74	93.1	78.9	118.3
44	4.7	19.1	28.7#

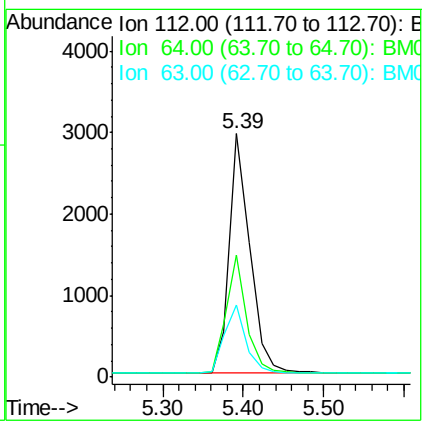


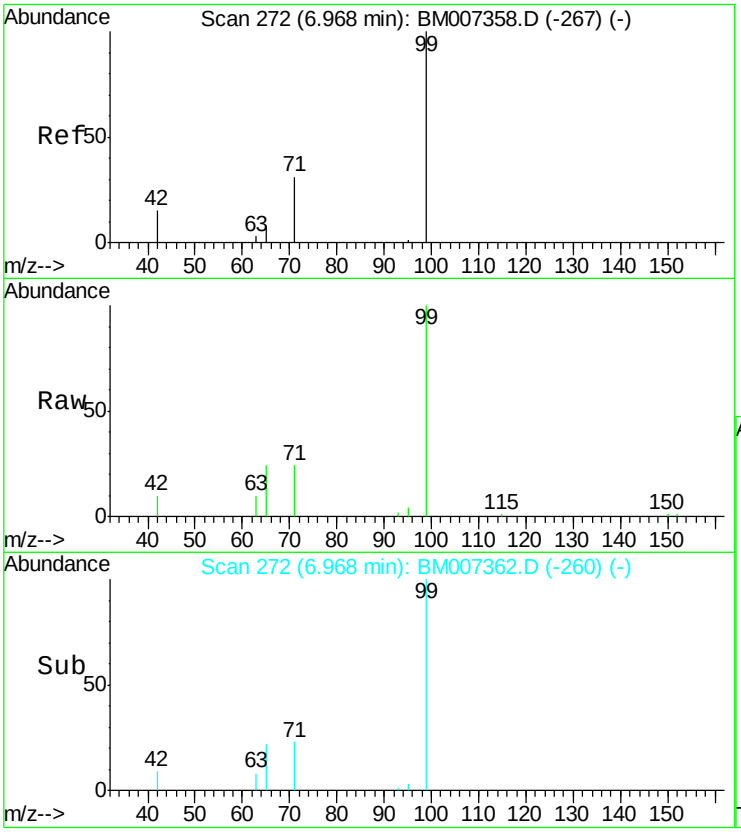


#4
2-Fluorophenol
Concen: 8.98 ng
RT: 5.39 min Scan# 176
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:112 Resp: 5228

Ion	Ratio	Lower	Upper
112	100		
64	48.5	36.9	55.3
63	29.7	22.6	34.0



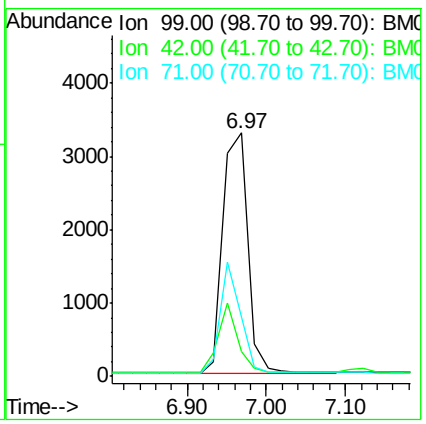


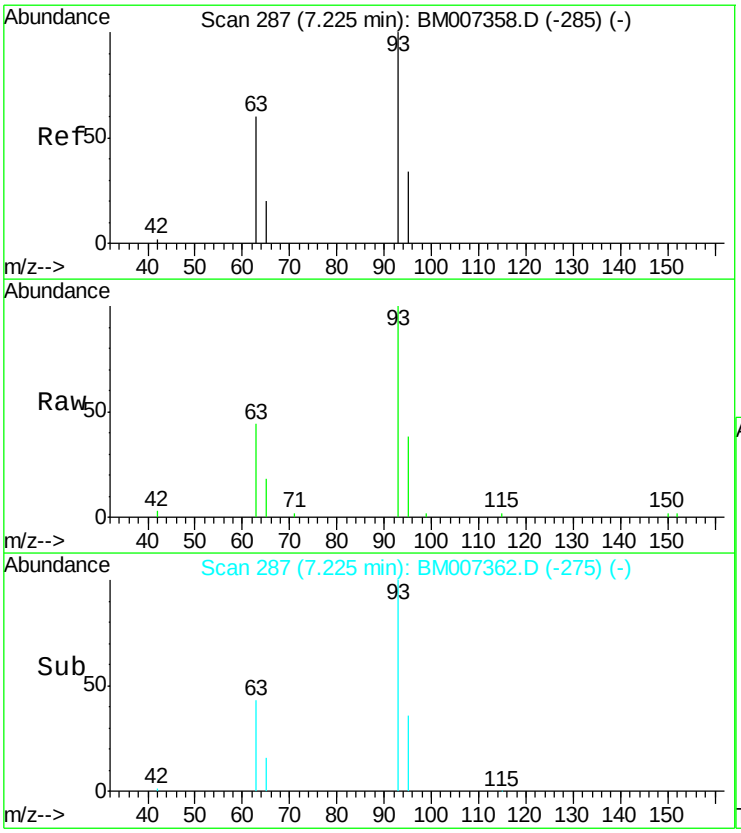
#5
Phenol-d6
Concen: 10.06 ng
RT: 6.97 min Scan# 272
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 7177

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.8	29.8
71	36.8	28.1	42.1

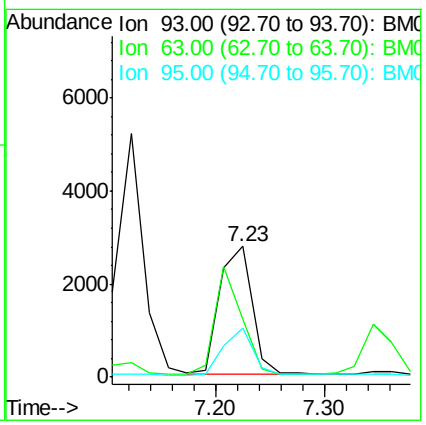


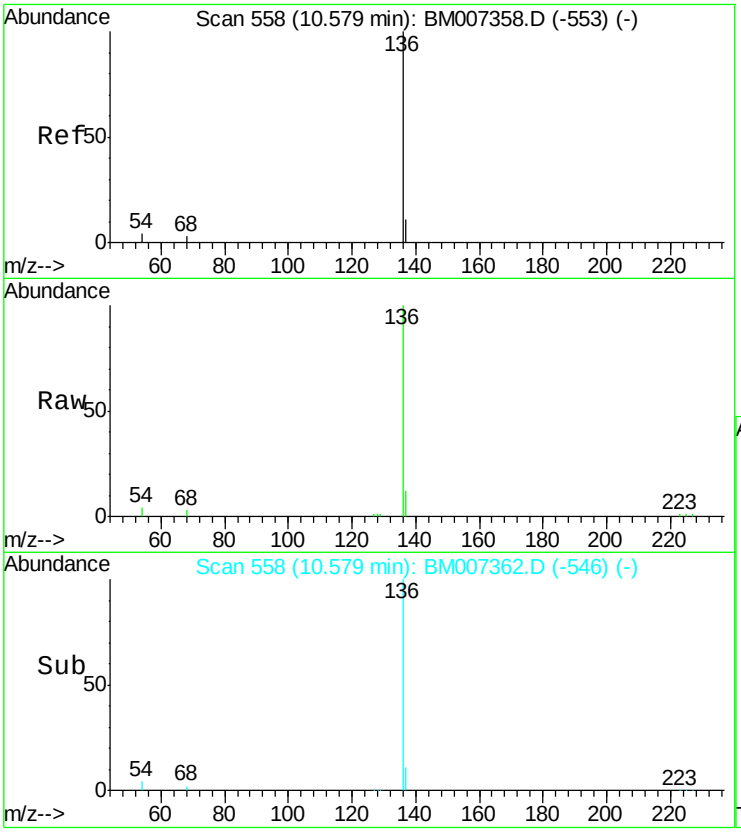


#6
bis(2-Chloroethyl)ether
Concen: 9.01 ng
RT: 7.23 min Scan# 287
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion: 93 Resp: 5678

Ion	Ratio	Lower	Upper
93	100		
63	69.9	54.3	81.5
95	32.8	25.7	38.5



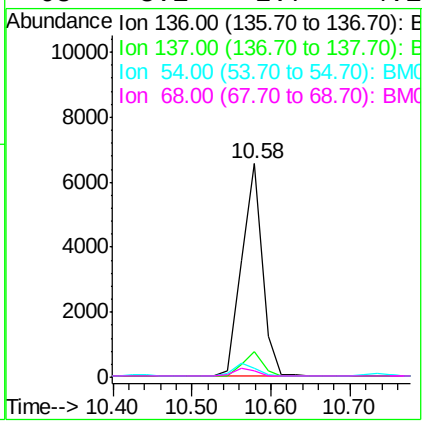


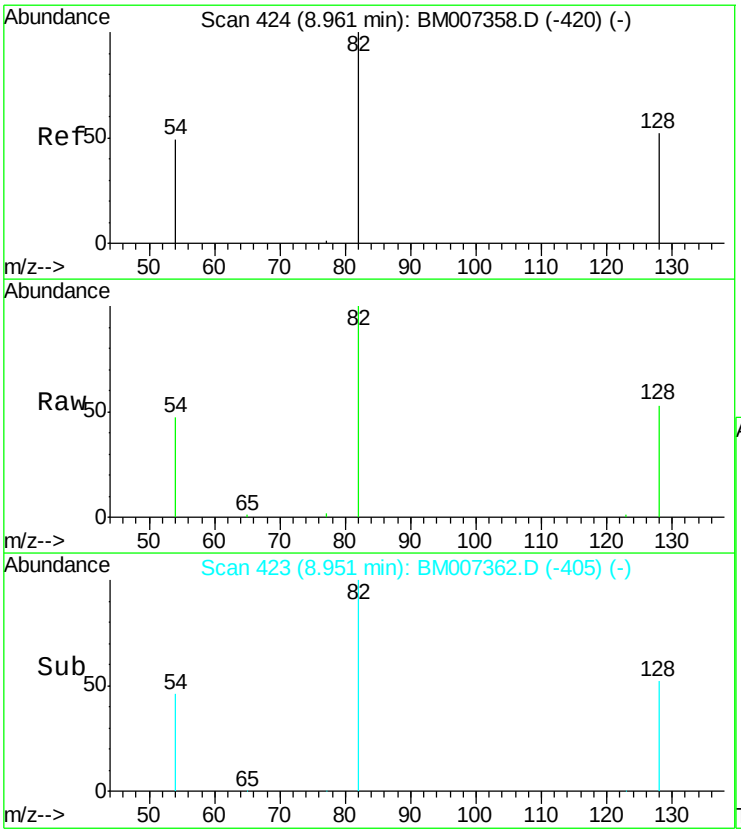
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.58 min Scan# 558
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 11858

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	4.4	4.0	6.0
68	3.1	2.7	4.1

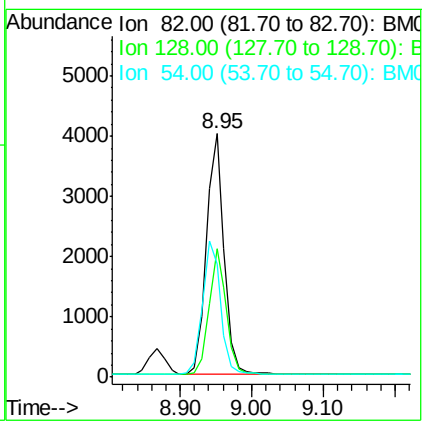


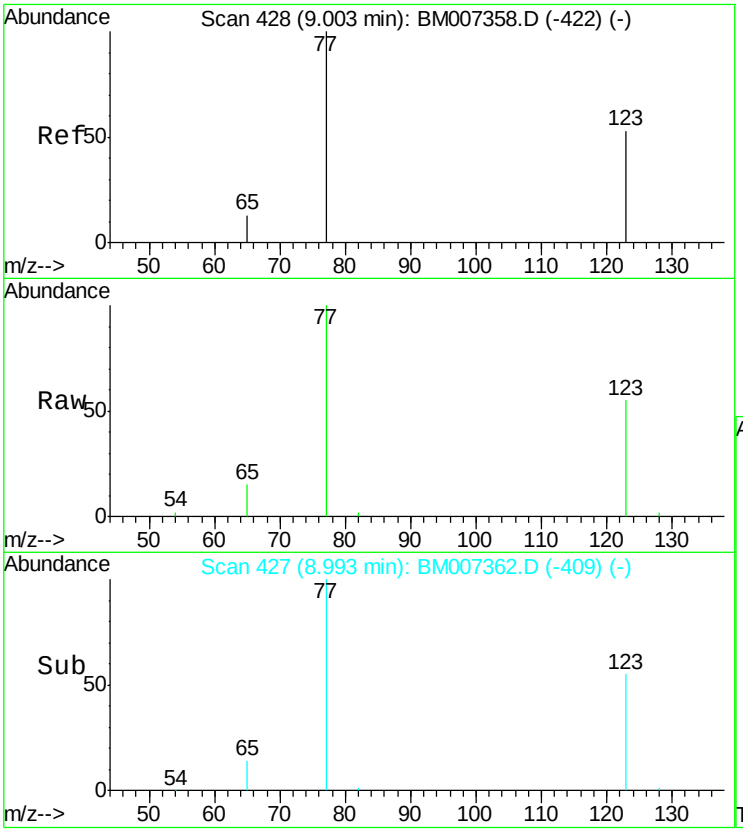


#8
Nitrobenzene-d5
Concen: 11.12 ng
RT: 8.95 min Scan# 423
Delta R.T. -0.01 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion: 82 Resp: 6845

Ion	Ratio	Lower	Upper
82	100		
128	52.5	54.9	82.3#
54	46.5	53.8	80.6#



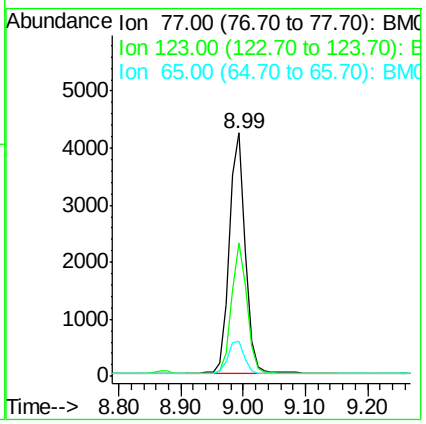


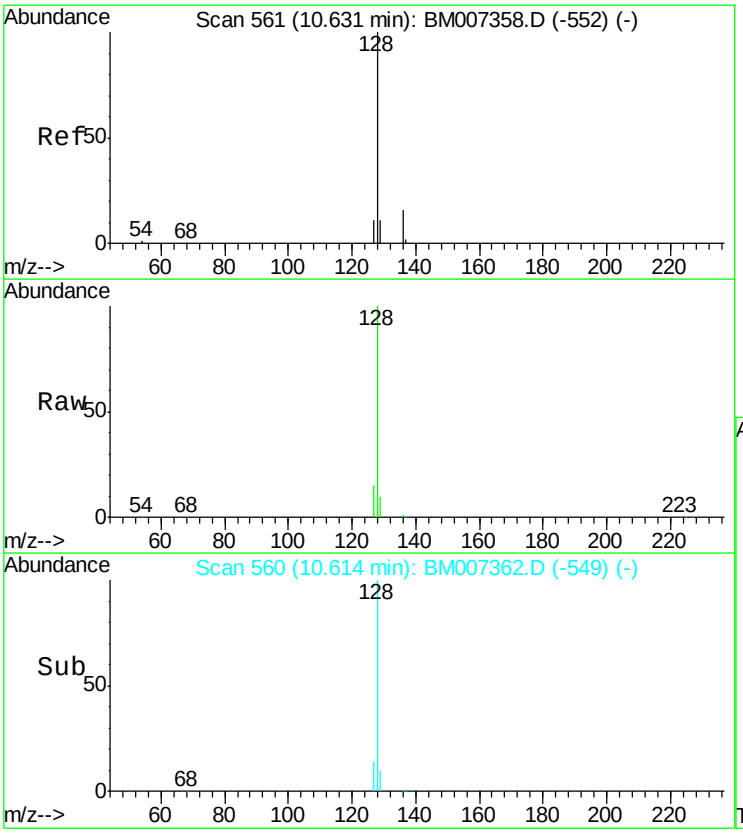
#9
Nitrobenzene
Concen: 10.86 ng
RT: 8.99 min Scan# 427
Delta R.T. -0.01 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 7537

Ion	Ratio	Lower	Upper
77	100		
123	53.2	40.0	60.0
65	14.4	10.6	15.8

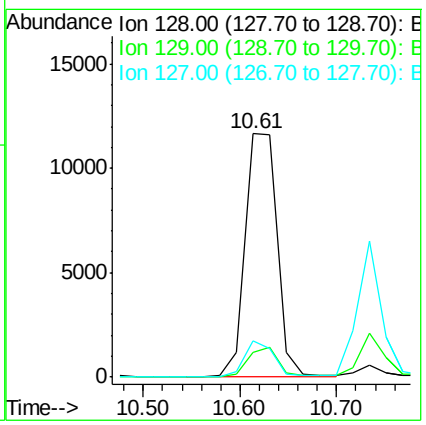


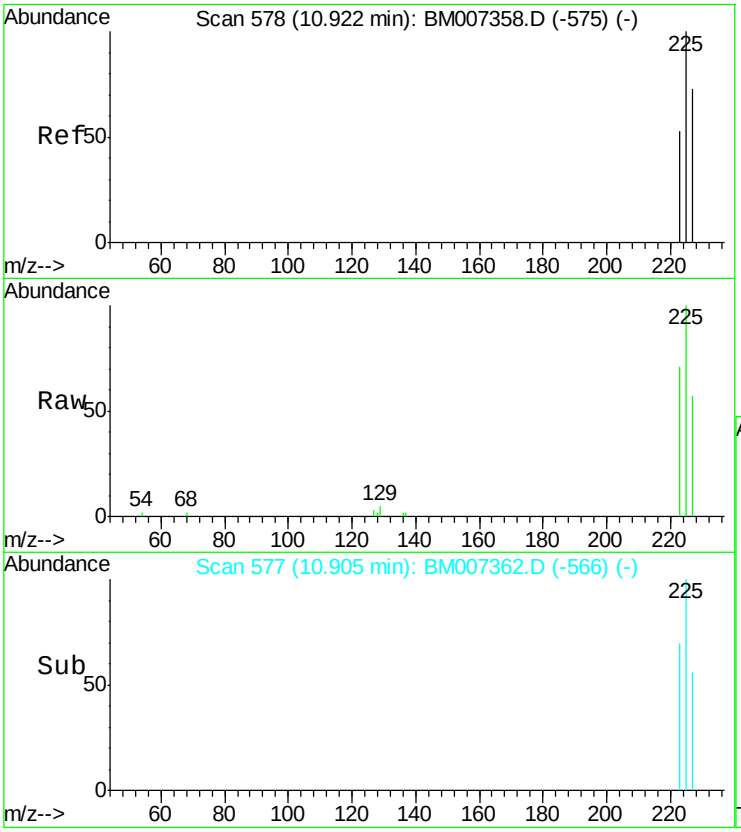


#10
Naphthalene
Concen: 9.77 ng
RT: 10.61 min Scan# 560
Delta R.T. -0.02 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:128 Resp: 26294

Ion	Ratio	Lower	Upper
128	100		
129	10.3	15.5	23.3#
127	14.7	15.5	23.3#



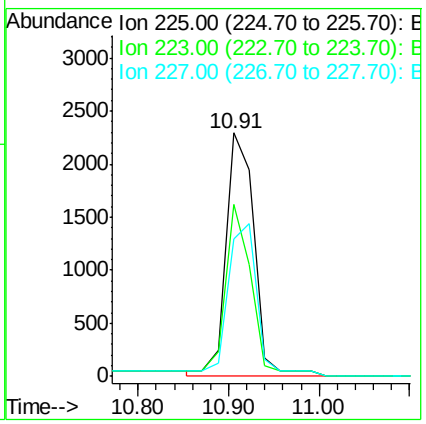


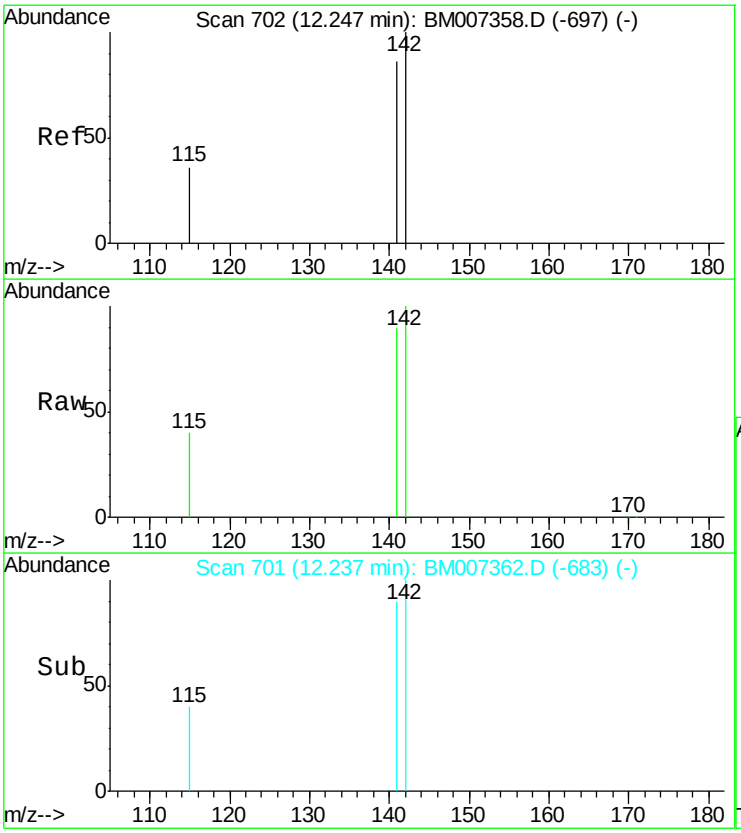
#11
Hexachlorobutadiene
Concen: 11.37 ng
RT: 10.91 min Scan# 577
Delta R.T. -0.02 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:225 Resp: 4794

Ion	Ratio	Lower	Upper
225	100		
223	66.0	197.7	296.5#
227	66.6	196.2	294.4#

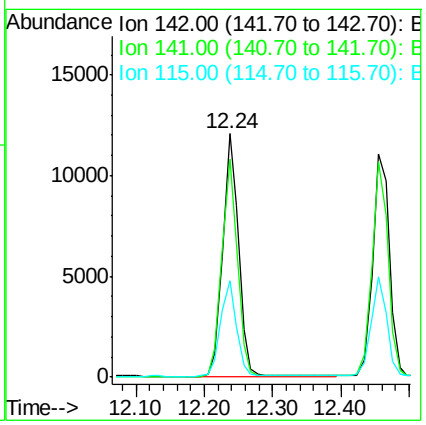


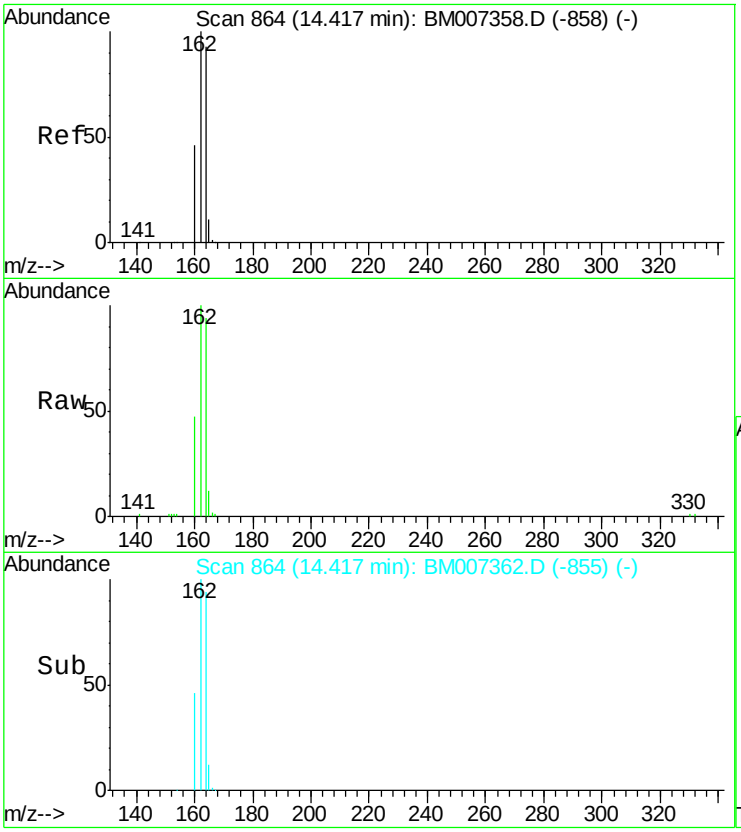


#12
2-Methylnaphthalene
Concen: 10.57 ng
RT: 12.24 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:142 Resp: 19115

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.2	105.4
115	39.8	35.7	53.5



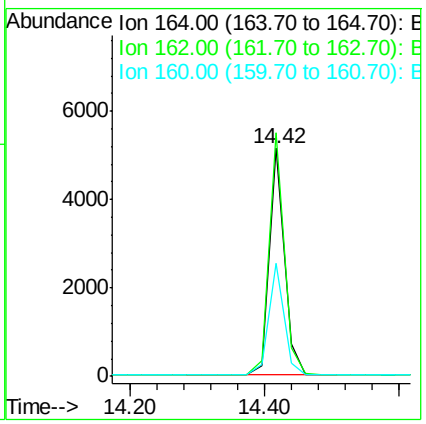


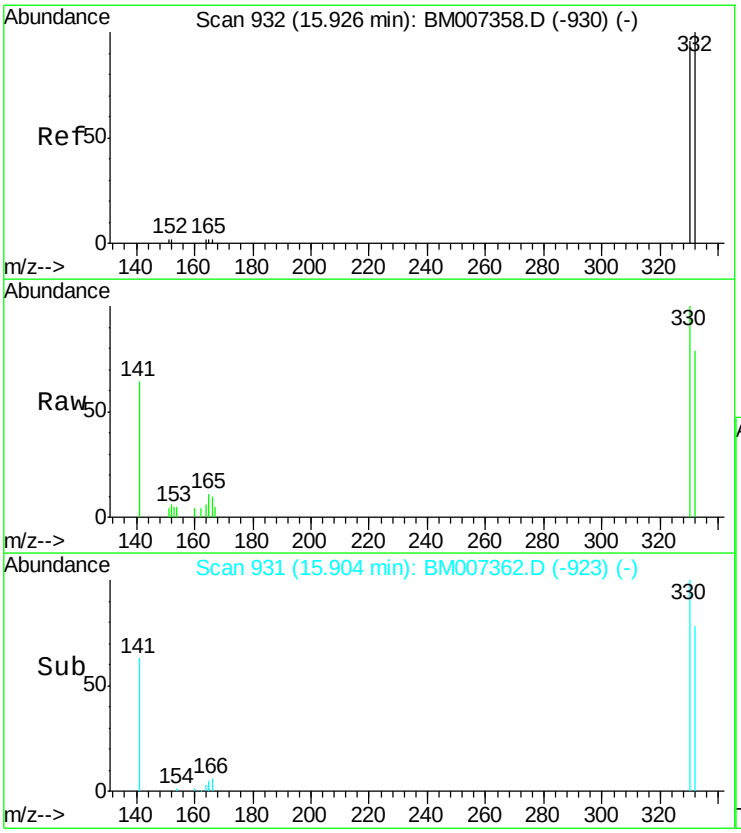
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 864
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 7981

Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.2	129.4
160	49.7	40.5	60.7

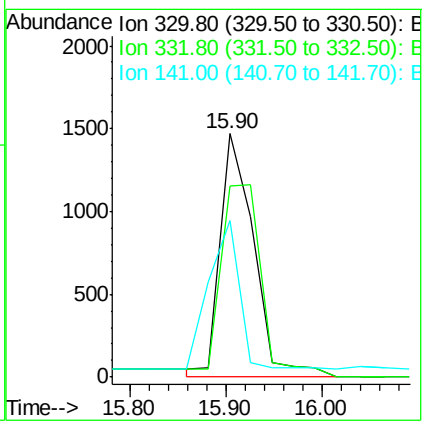


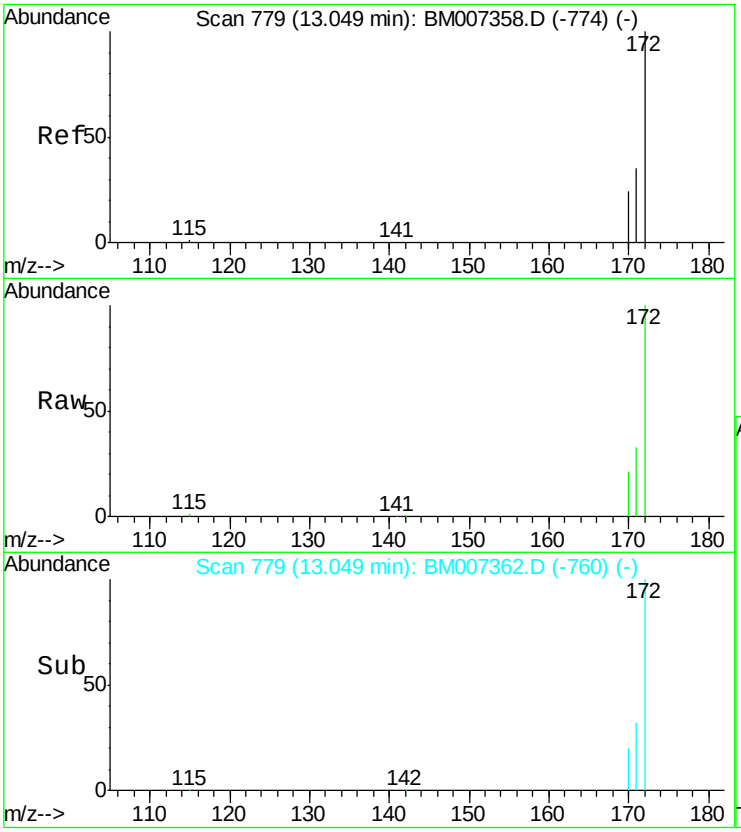


#14
2,4,6-Tribromophenol
Concen: 11.47 ng
RT: 15.90 min Scan# 931
Delta R.T. -0.02 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:330 Resp: 3588

Ion	Ratio	Lower	Upper
330	100		
332	0.0	79.2	118.8#
141	55.2	0.0	0.0#



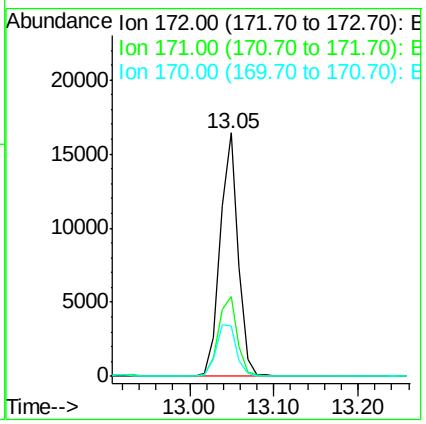


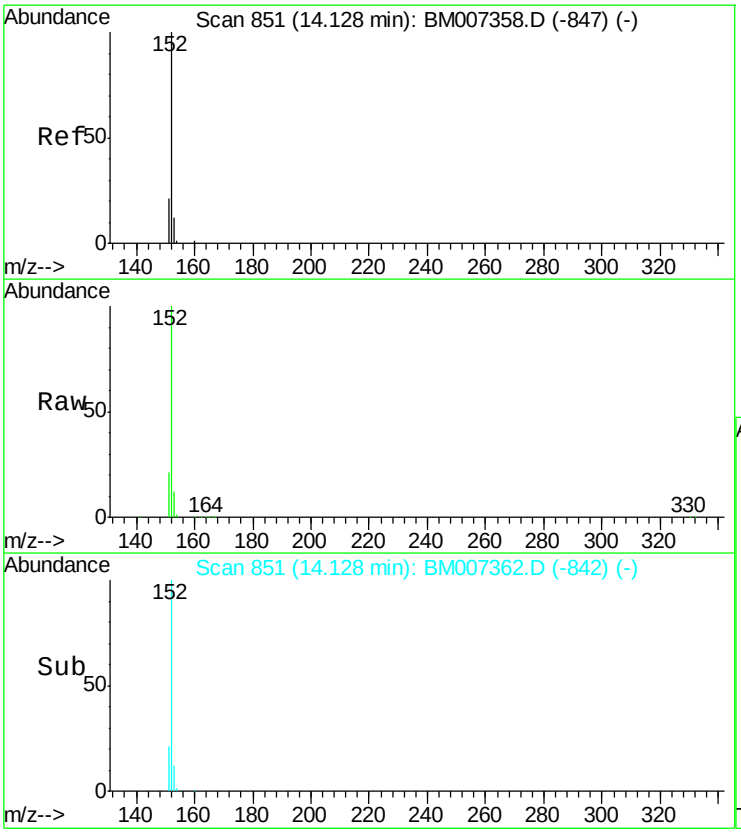
#15
2-Fluorobiphenyl
Concen: 10.12 ng
RT: 13.05 min Scan# 779
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 24476

Ion	Ratio	Lower	Upper
172	100		
171	32.8	32.2	48.2
170	20.7	23.5	35.3#

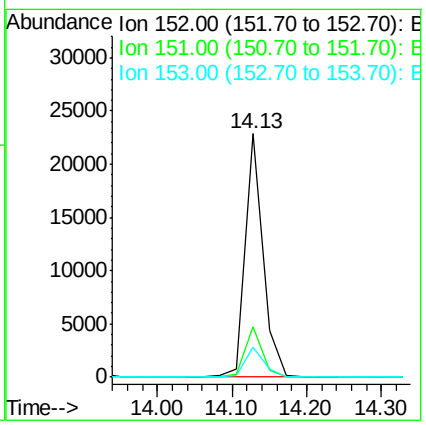


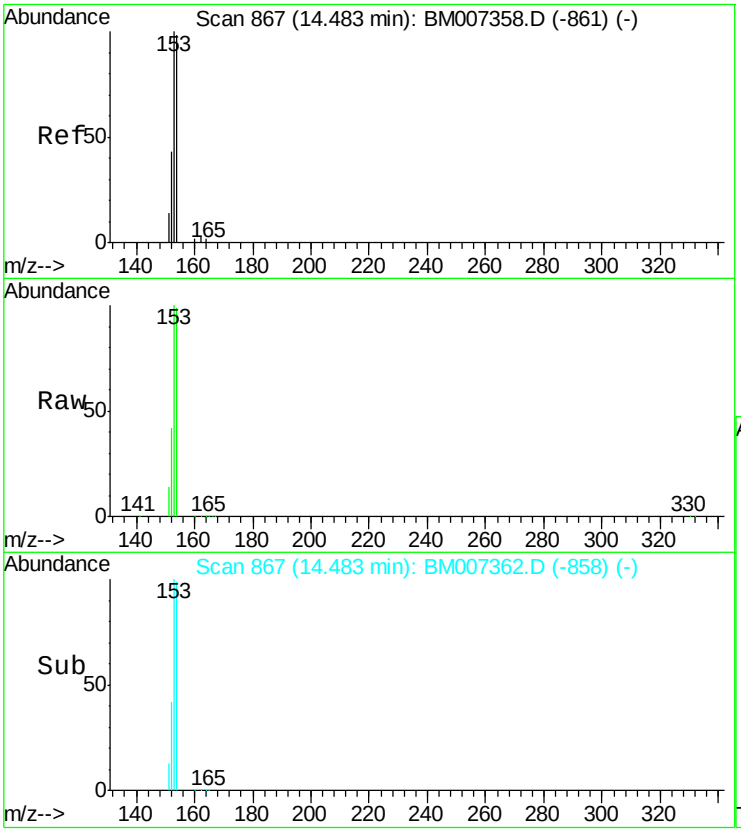


#16
Acenaphthylene
Concen: 10.50 ng
RT: 14.13 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:152 Resp: 37394

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.7	10.1	15.1



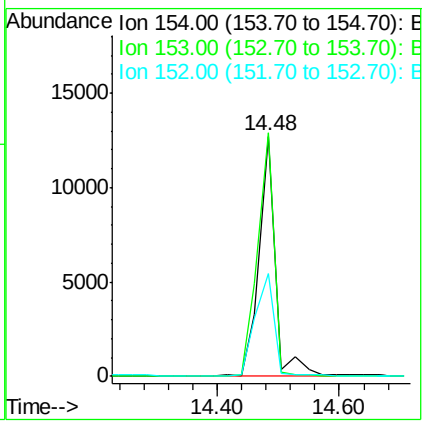


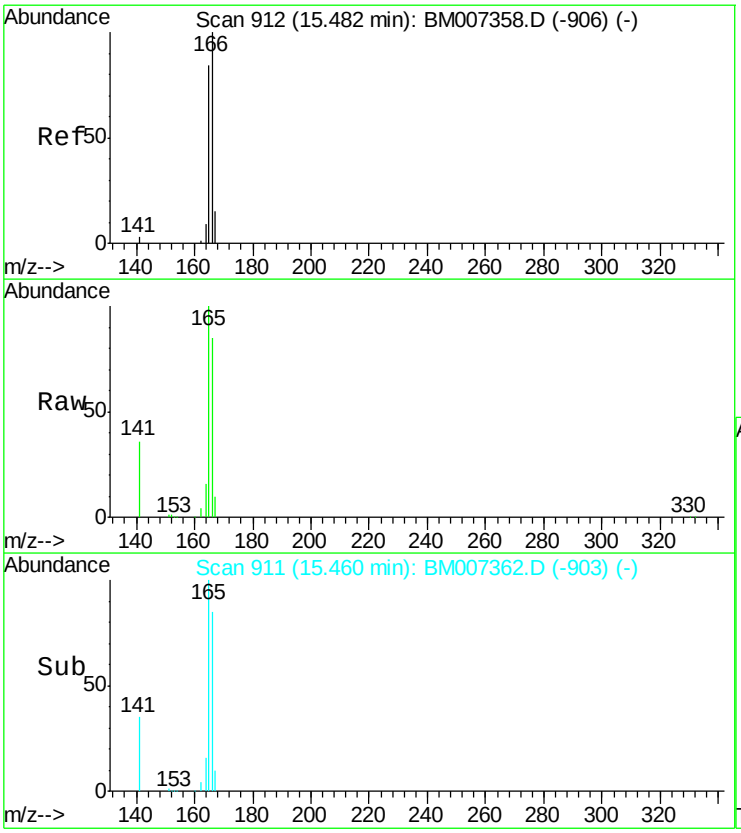
#17
Acenaphthene
Concen: 10.06 ng
RT: 14.48 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:154 Resp: 23509

Ion	Ratio	Lower	Upper
154	100		
153	101.8	85.1	127.7
152	48.5	40.9	61.3

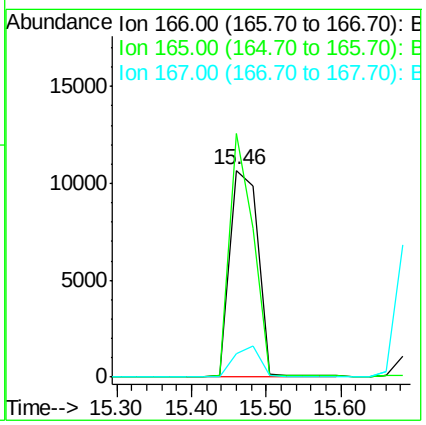


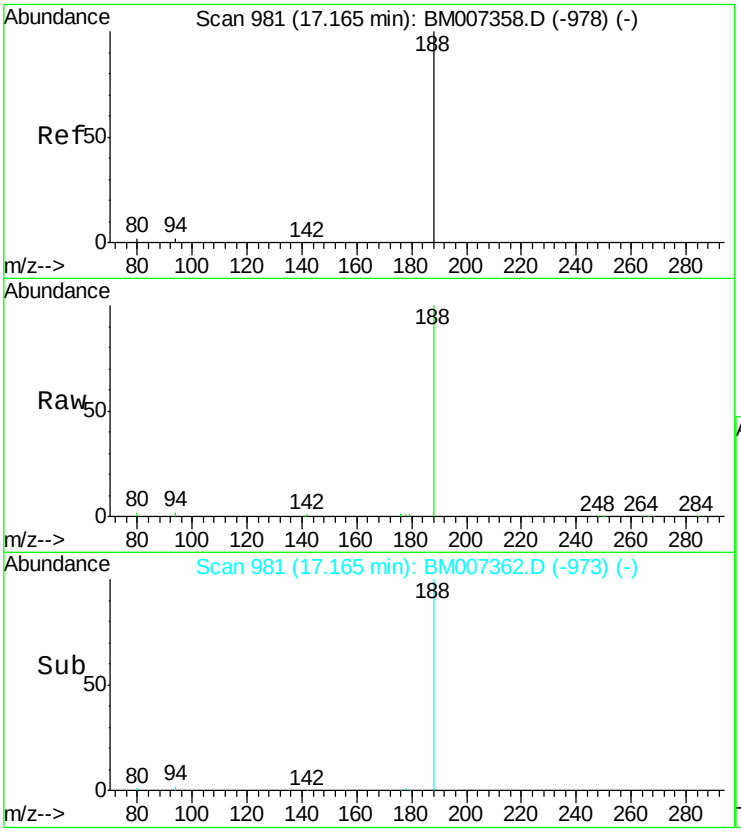


#18
Fluorene
Concen: 9.89 ng
RT: 15.46 min Scan# 911
Delta R.T. -0.02 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:166 Resp: 27408

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.8	118.2
167	0.0	10.8	16.2#



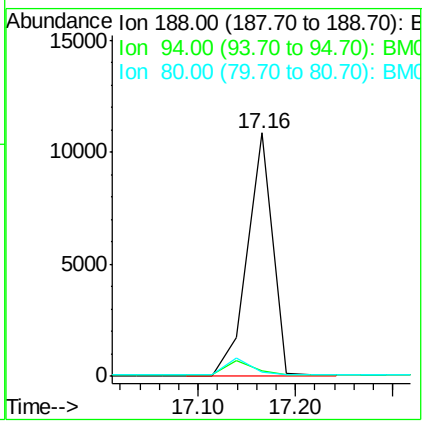


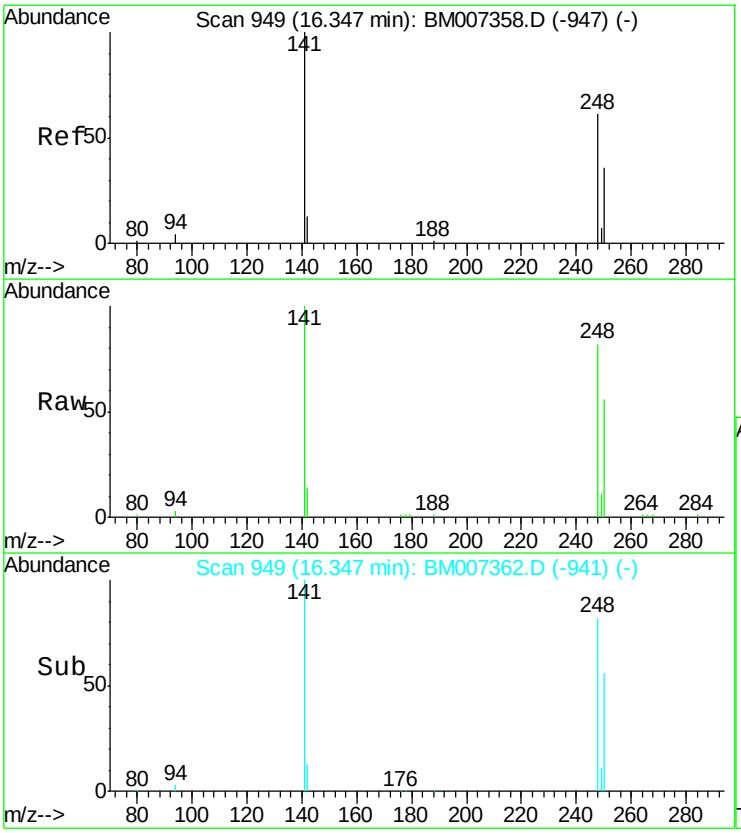
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 19425

Ion	Ratio	Lower	Upper
188	100		
94	2.3	2.0	3.0
80	1.9	1.6	2.4

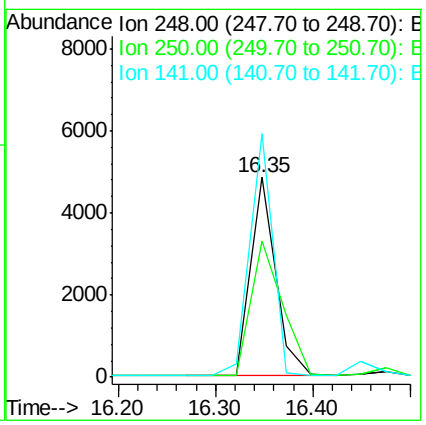


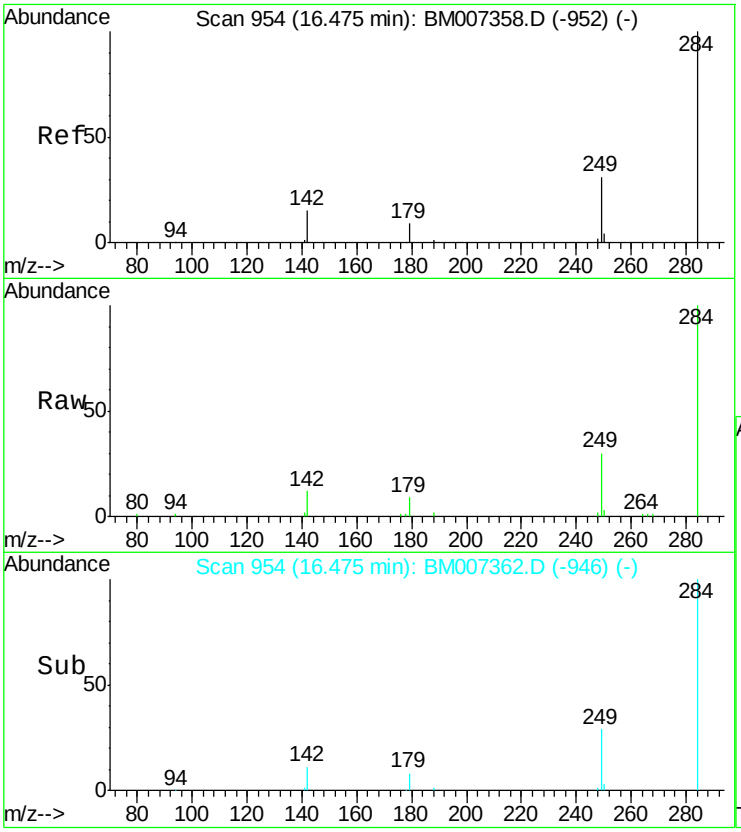


#20
4-Bromophenyl-phenylether
Concen: 8.18 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:248 Resp: 8551

Ion	Ratio	Lower	Upper
248	100		
250	85.4	0.0	0.0#
141	111.6	98.2	147.4



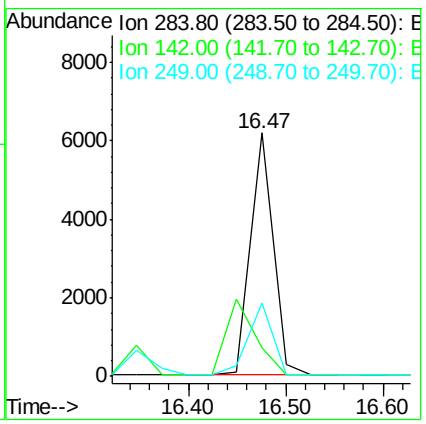


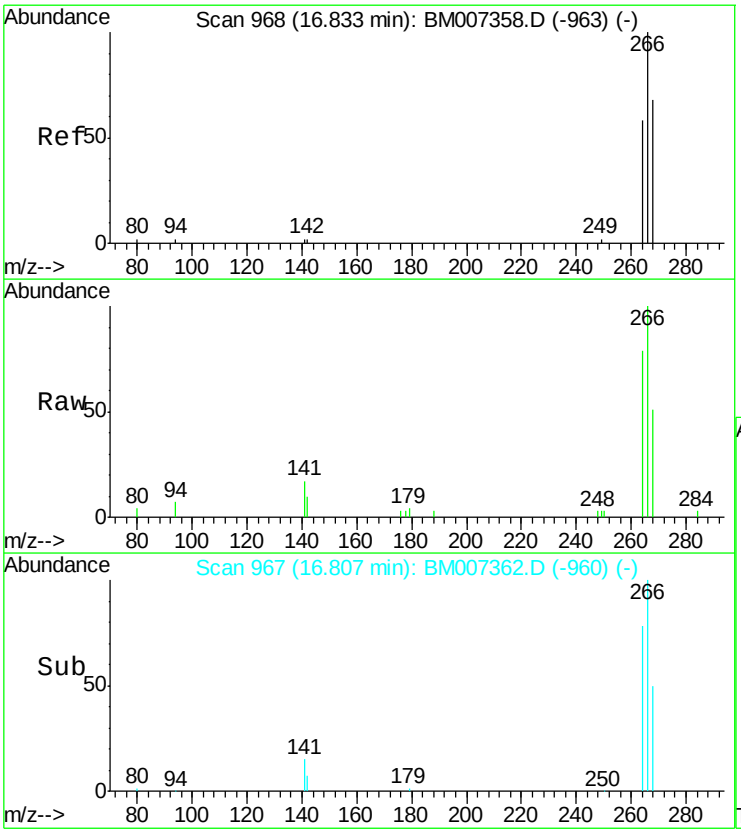
#21
Hexachlorobenzene
Concen: 9.58 ng
RT: 16.47 min Scan# 954
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 9955

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	31.5	26.6	40.0

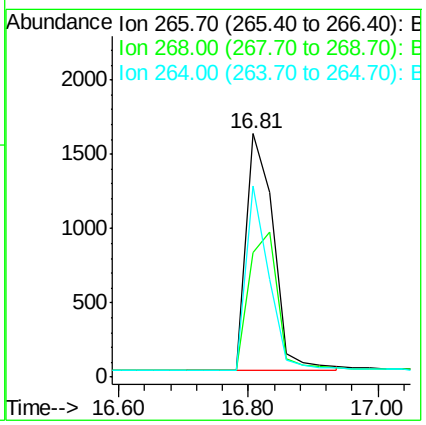


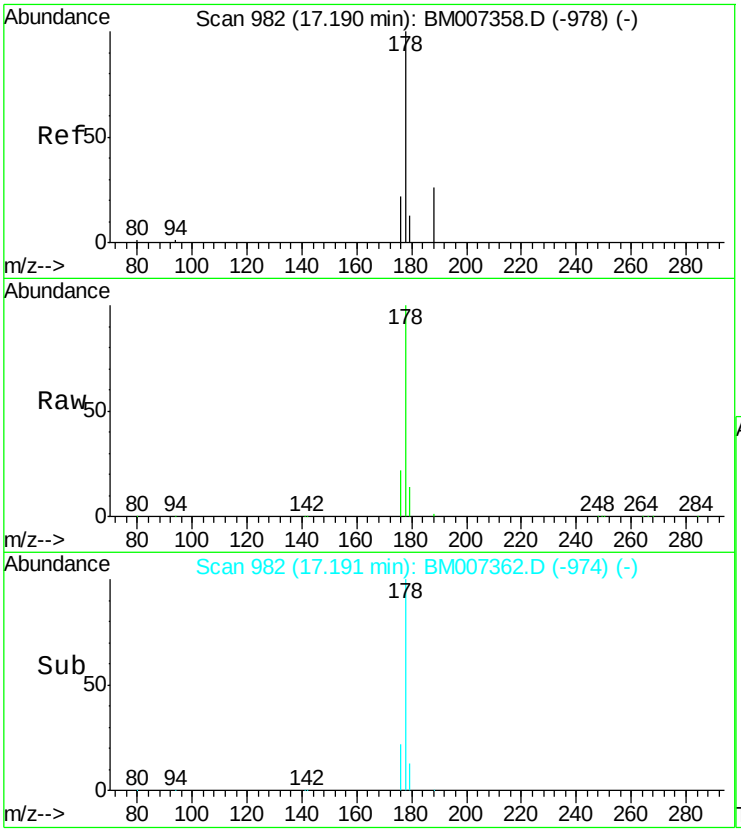


#22
Pentachlorophenol
Concen: 15.68 ng
RT: 16.81 min Scan# 967
Delta R.T. -0.03 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:266 Resp: 4618

Ion	Ratio	Lower	Upper
266	100		
268	51.1	66.4	99.6#
264	78.8	61.6	92.4



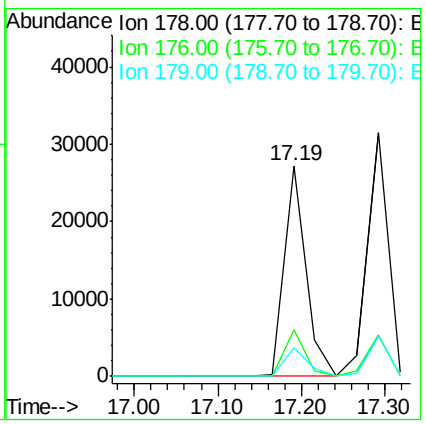


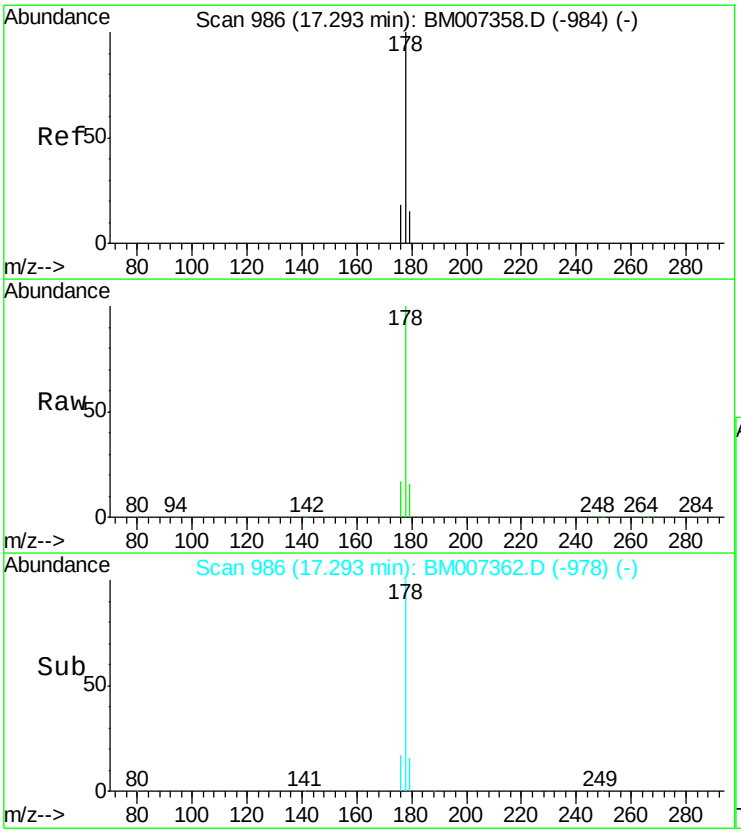
#23
Phenanthrene
Concen: 7.74 ng
RT: 17.19 min Scan# 982
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 48995

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	24.8
179	14.4	12.5	18.7

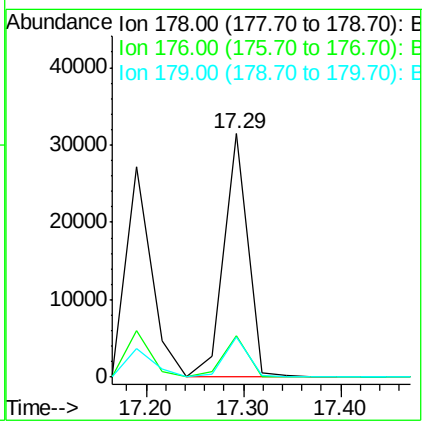


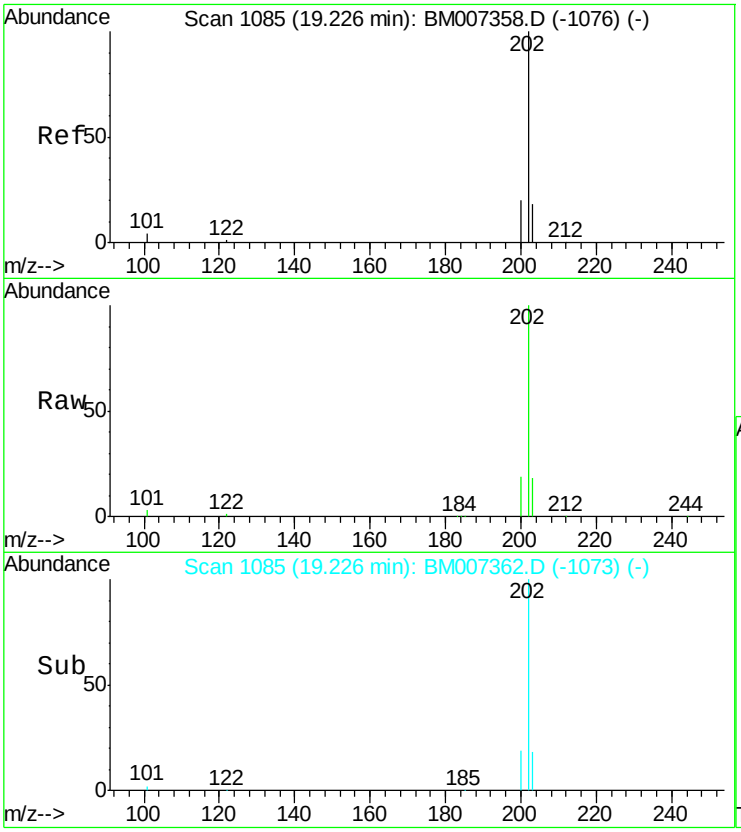


#24
Anthracene
Concen: 11.17 ng
RT: 17.29 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:178 Resp: 53120

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.8	22.2
179	16.0	12.2	18.2



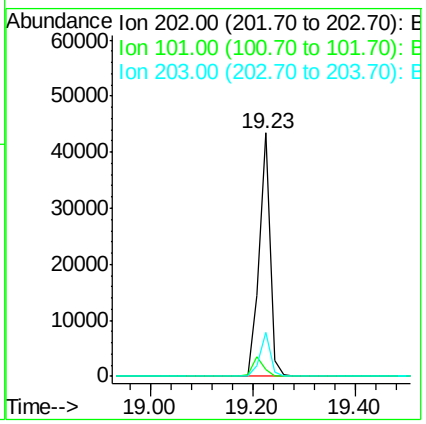


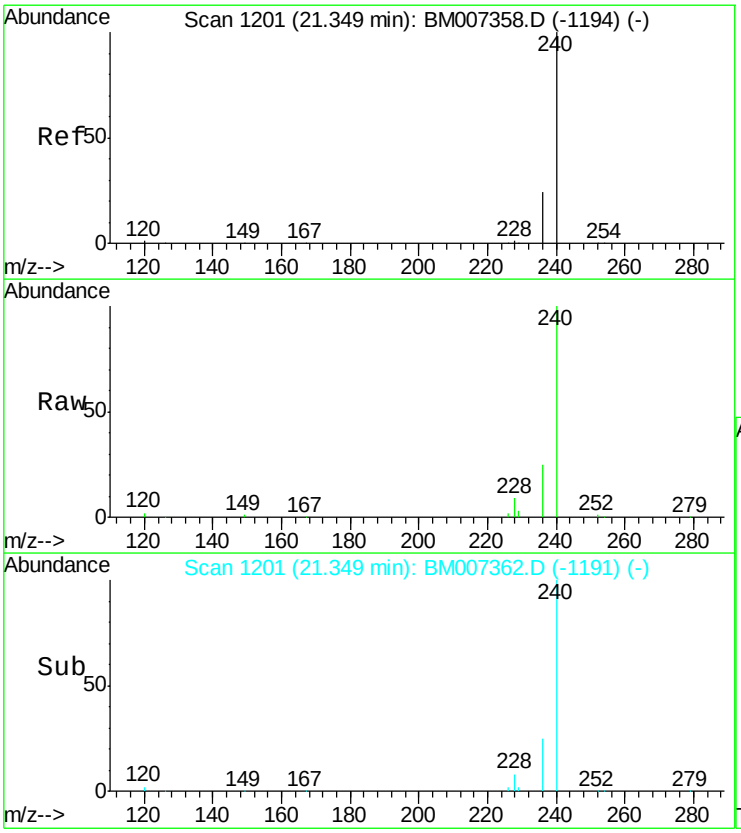
#25
Fluoranthene
Concen: 10.31 ng
RT: 19.23 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 62911

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.5	9.7
203	17.2	14.2	21.2

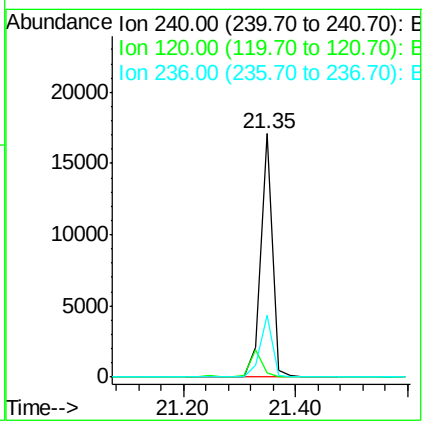


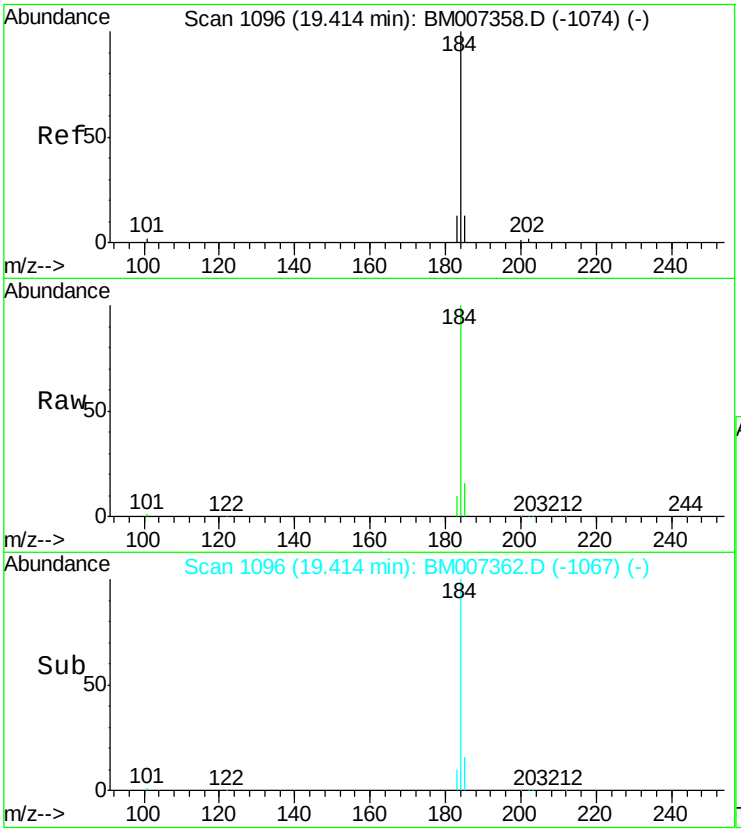


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.35 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:240 Resp: 24155

Ion	Ratio	Lower	Upper
240	100		
120	1.9	1.3	1.9
236	25.4	19.1	28.7



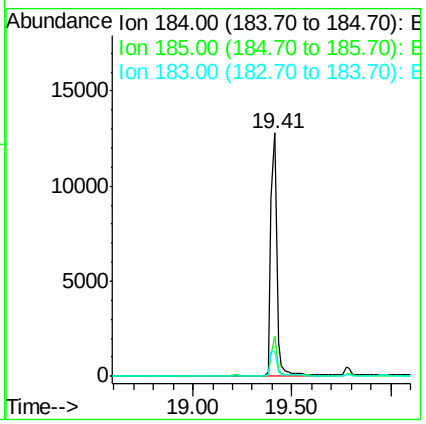


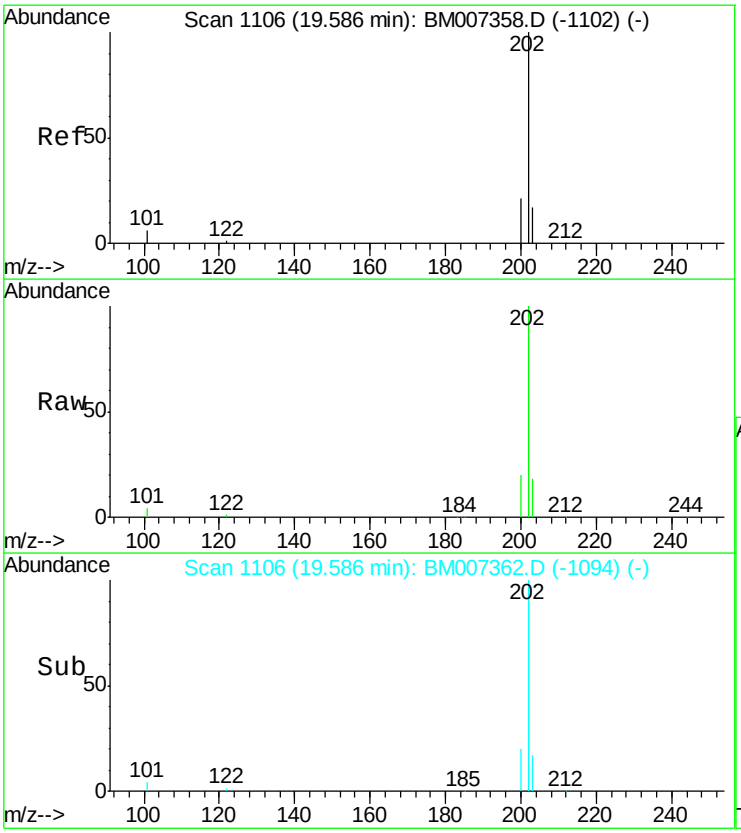
#27
Benzidine
Concen: 20.31 ng
RT: 19.41 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 26444

Ion	Ratio	Lower	Upper
184	100		
185	16.4	29.8	44.8#
183	9.9	29.8	44.8#

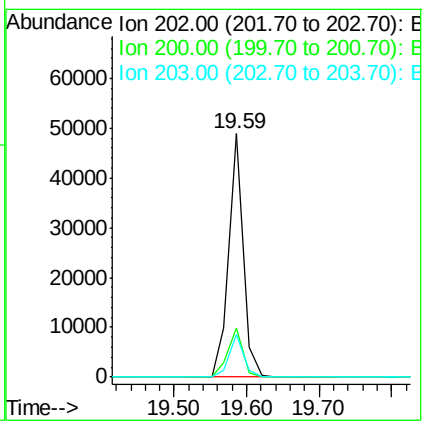


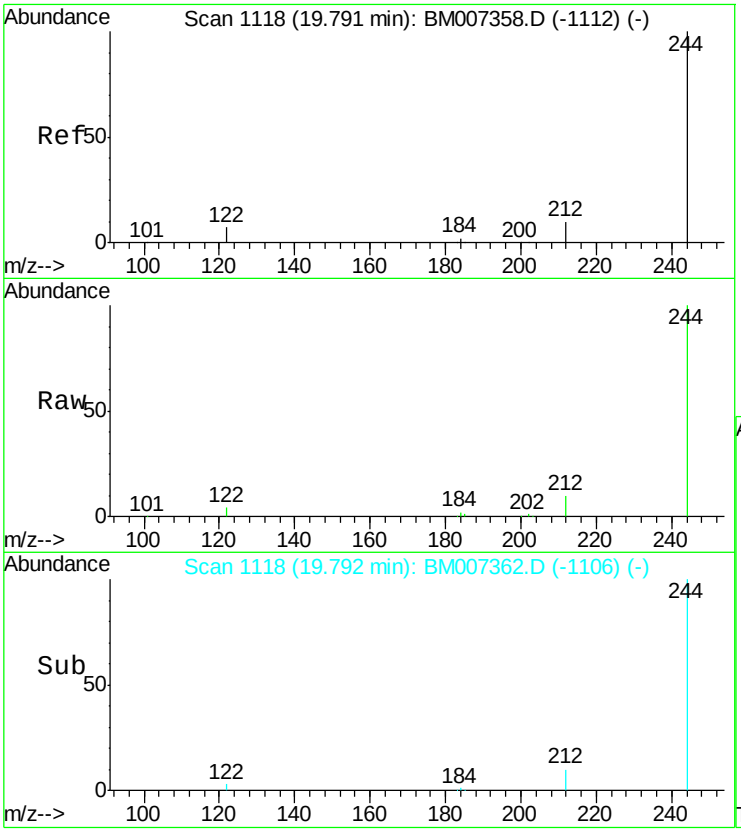


#28
Pyrene
Concen: 8.13 ng
RT: 19.59 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:202 Resp: 67052

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.5	13.8	20.8



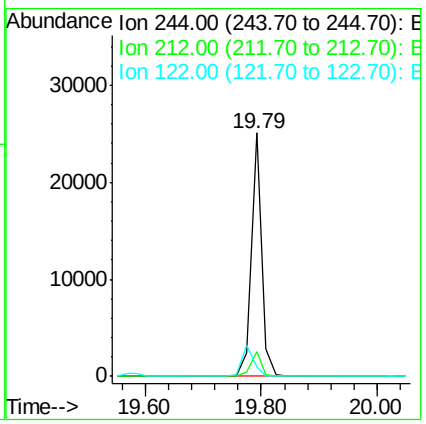


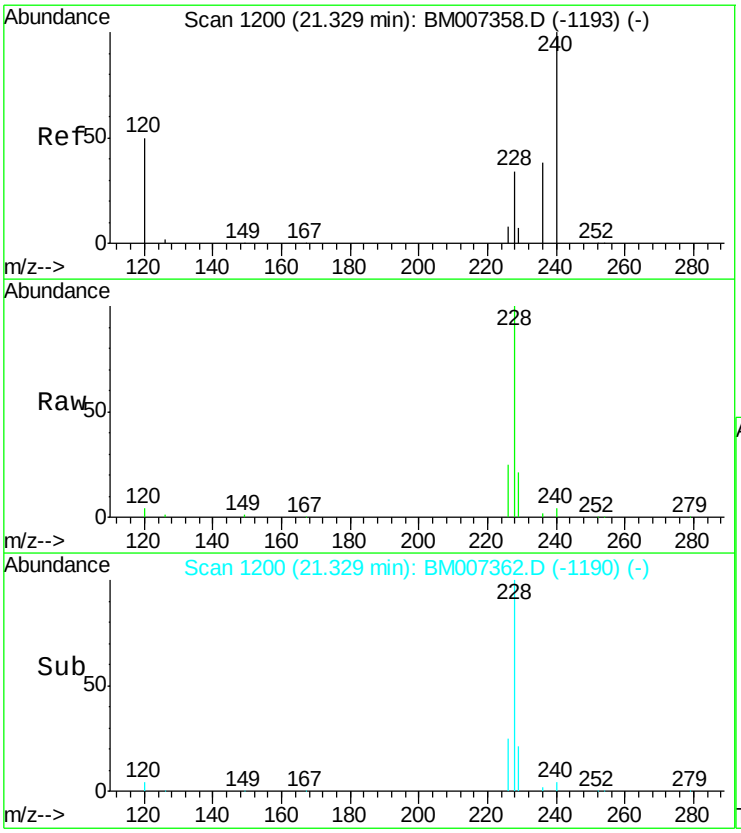
#29
Terphenyl-d14
Concen: 7.53 ng
RT: 19.79 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 31291

Ion	Ratio	Lower	Upper
244	100		
212	10.4	12.2	18.4#
122	3.8	9.6	14.4#

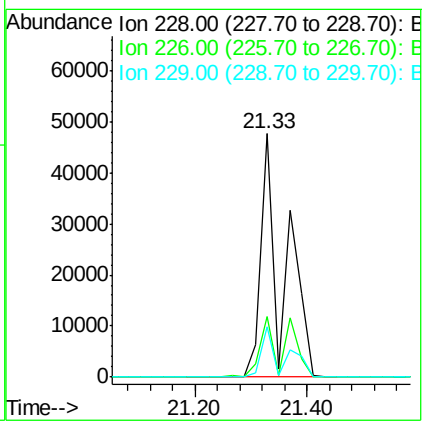


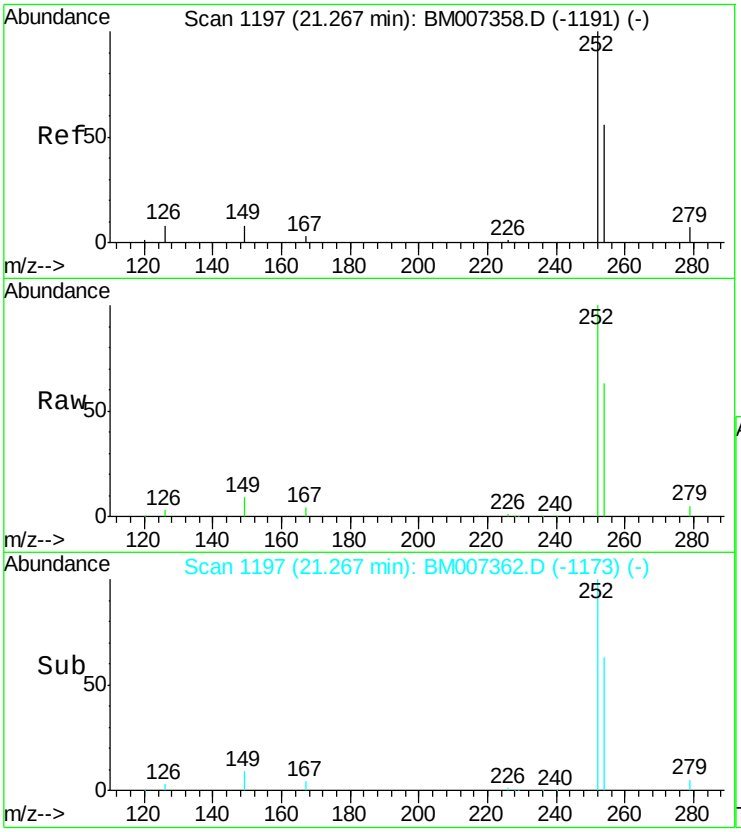


#30
Benzo(a)anthracene
Concen: 17.47 ng
RT: 21.33 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:228 Resp: 129235

Ion	Ratio	Lower	Upper
228	100		
226	24.8	20.4	30.6
229	20.8	19.0	28.4



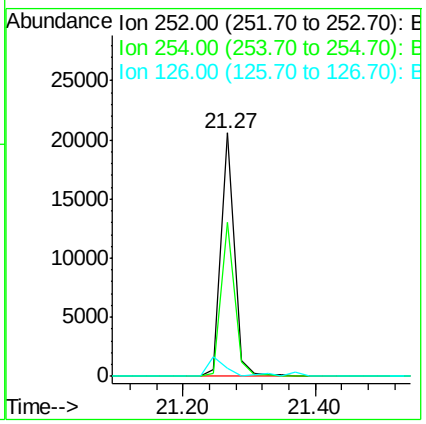


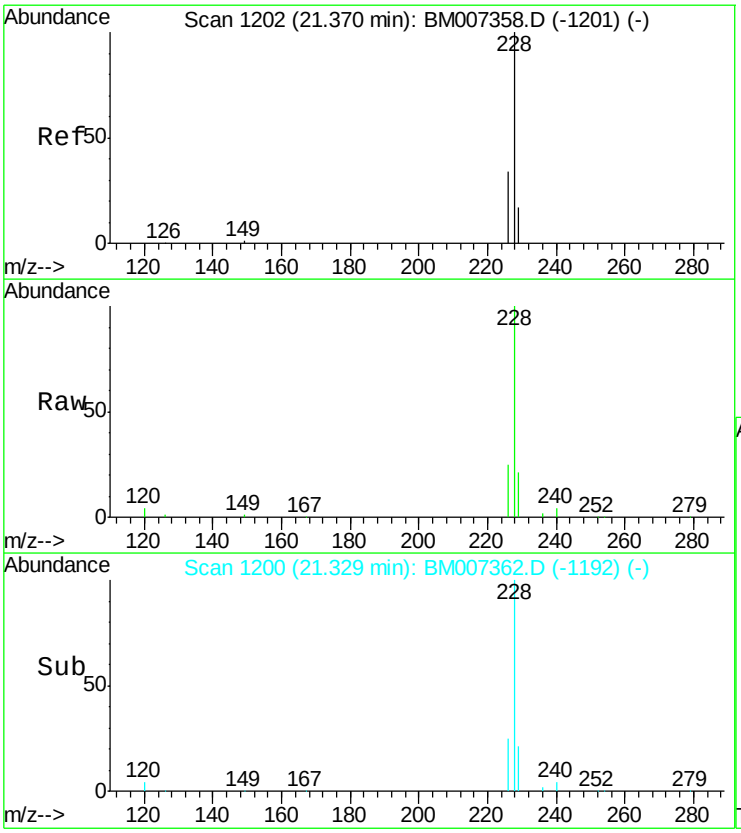
#31
3,3'-Dichlorobenzidine
Concen: 13.75 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 28054

Ion	Ratio	Lower	Upper
252	100		
254	63.4	49.4	74.0
126	3.3	16.3	24.5#

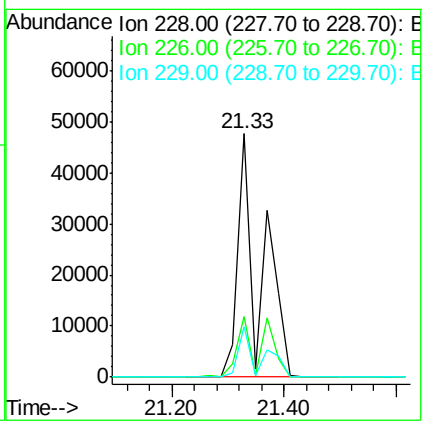


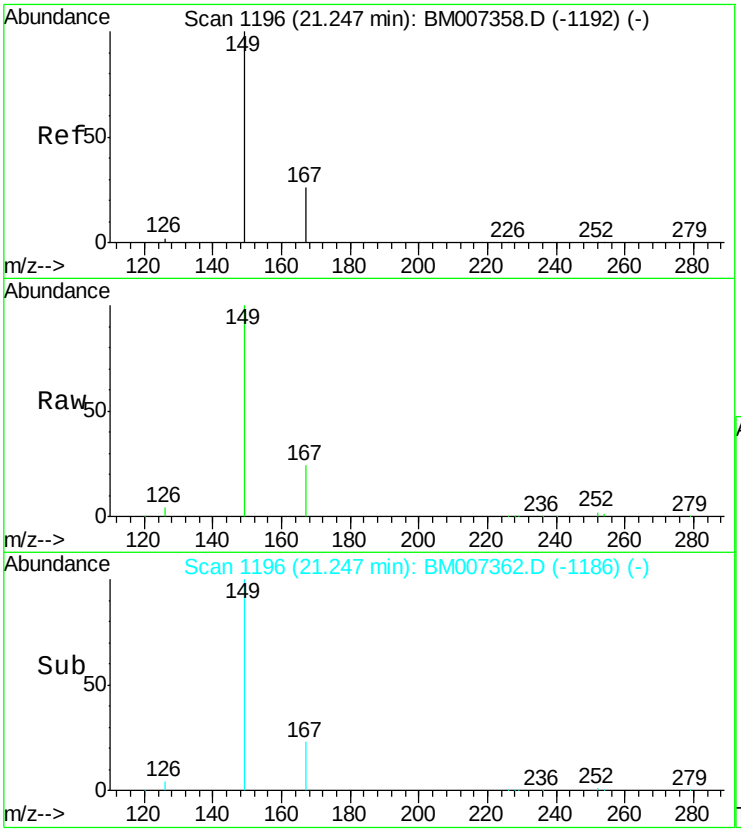


#32
Chrysene
Concen: 17.36 ng
RT: 21.33 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:228 Resp: 129349

Ion	Ratio	Lower	Upper
228	100		
226	24.8	28.3	42.5#
229	20.8	15.7	23.5



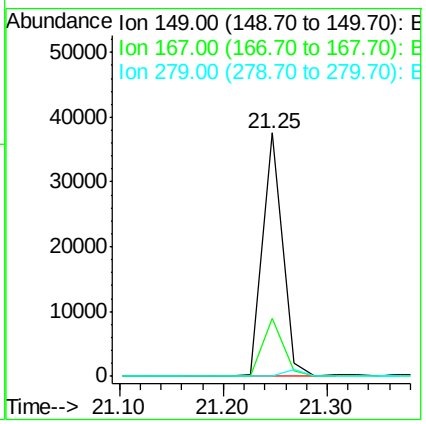


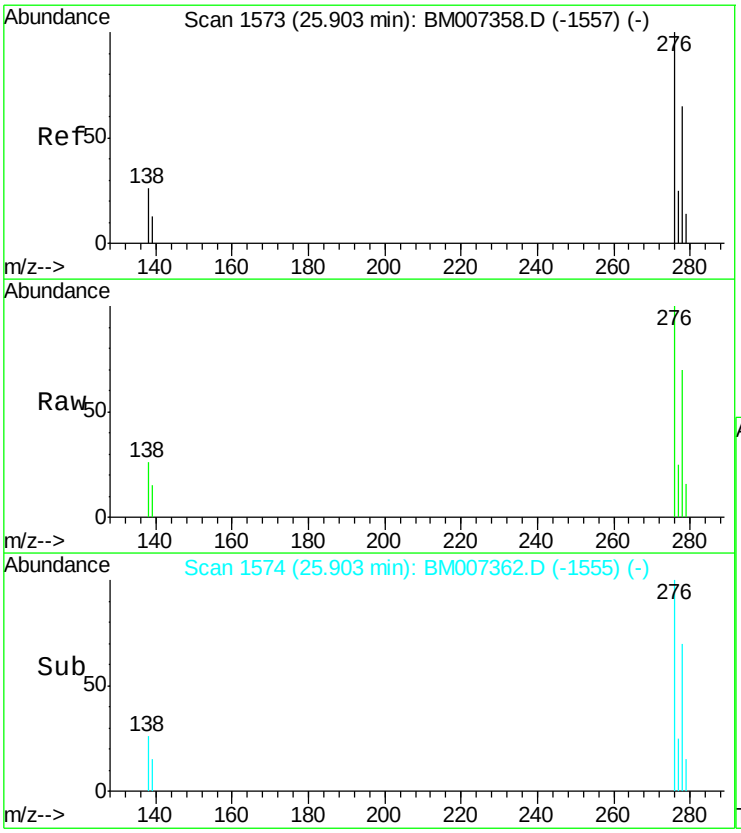
#33
Bis(2-ethylhexyl)phthalate
Concen: 10.61 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 48897

Ion	Ratio	Lower	Upper
149	100		
167	24.5	21.0	31.4
279	0.0	0.0	0.0

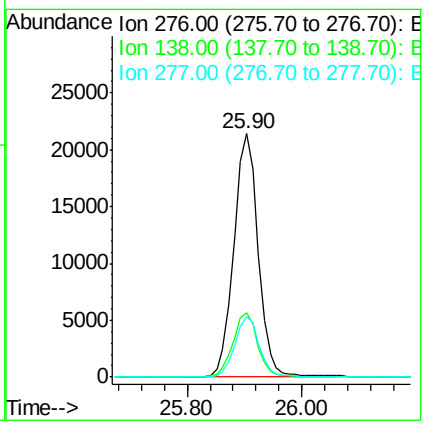


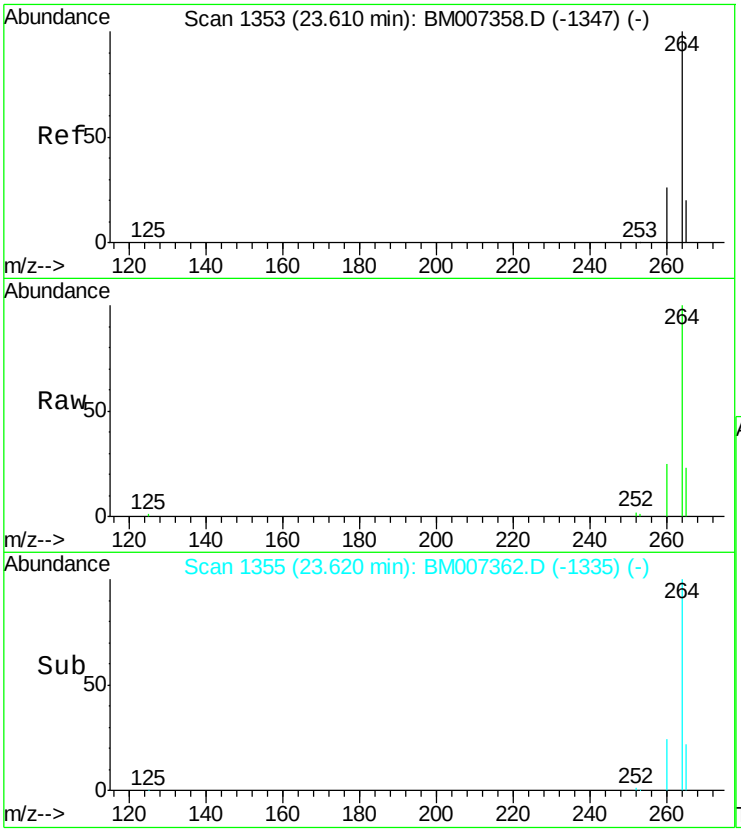


#34
Indeno(1,2,3-cd)pyrene
Concen: 11.73 ng
RT: 25.90 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:276 Resp: 62802

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.0	31.4
277	24.7	19.7	29.5



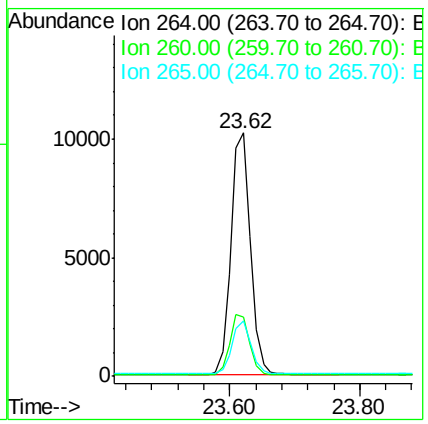


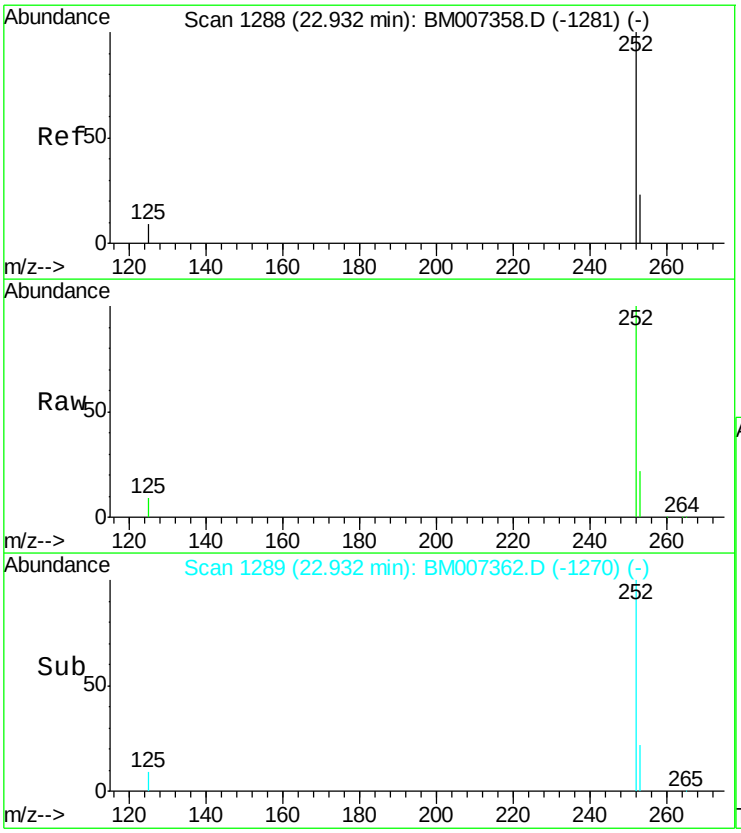
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.62 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 21202

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.2	31.8
265	22.7	17.1	25.7

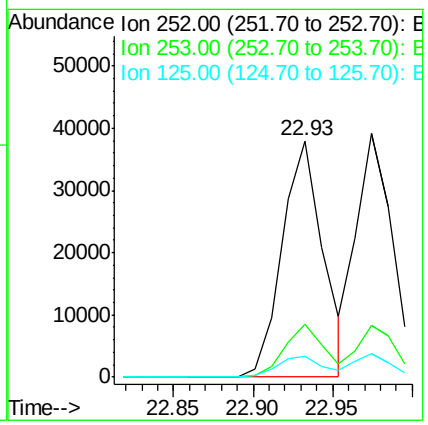


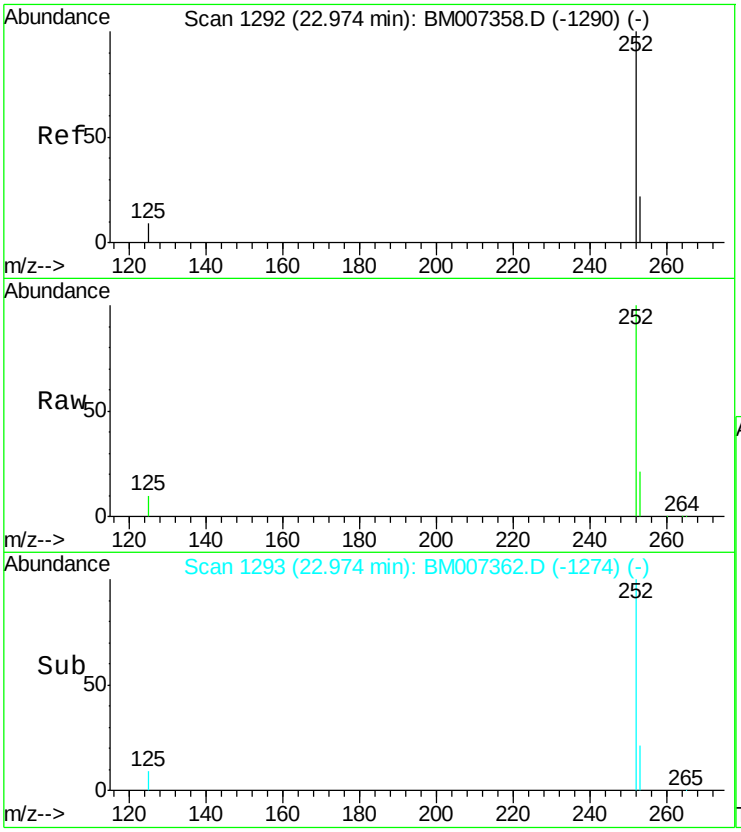


#36
Benzo(b)fluoranthene
Concen: 9.84 ng
RT: 22.93 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:252 Resp: 67320

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.4	32.2
125	9.0	10.5	15.7#



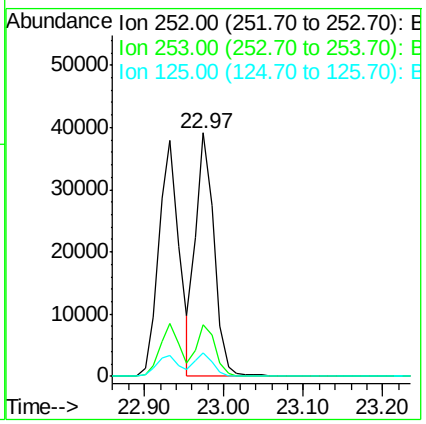


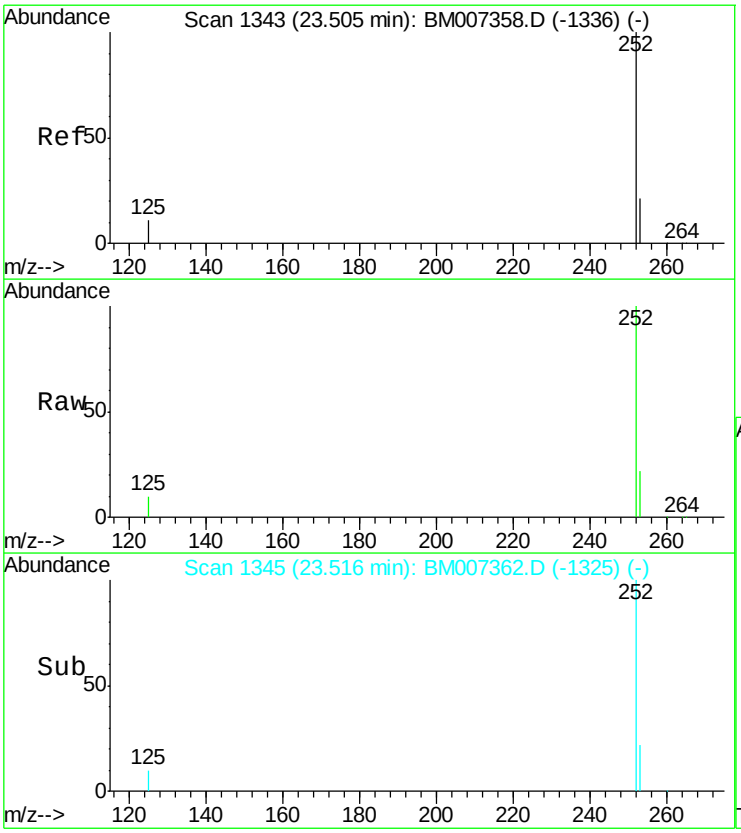
#37
Benzo(k)fluoranthene
Concen: 9.91 ng
RT: 22.97 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 62224

Ion	Ratio	Lower	Upper
252	100		
253	21.1	20.6	30.8
125	9.5	10.7	16.1#

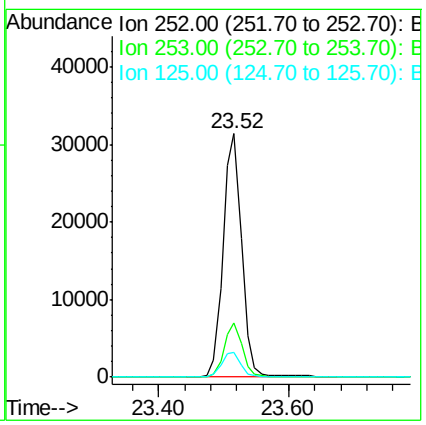


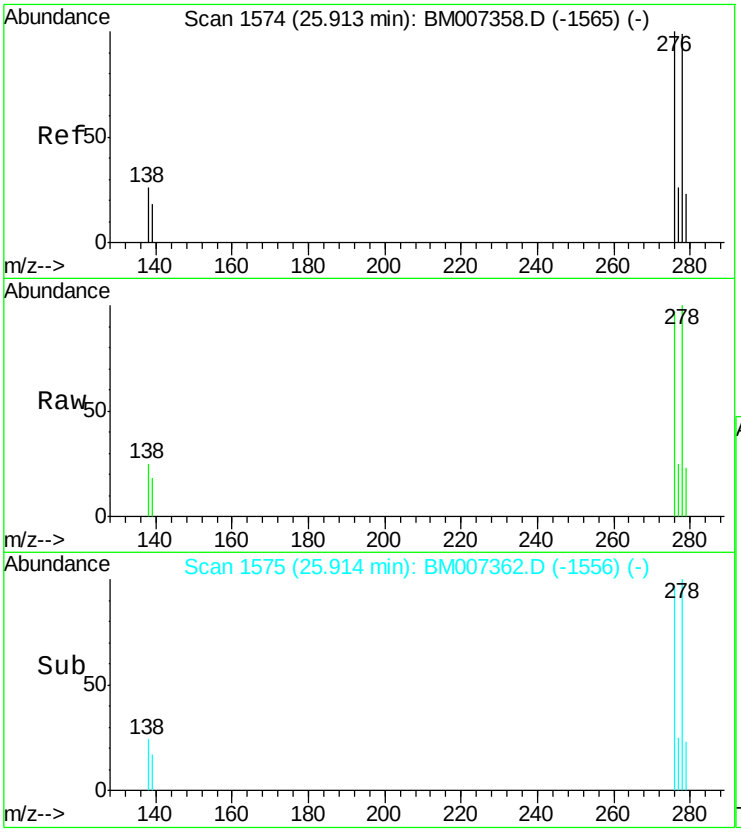


#38
Benzo(a)pyrene
Concen: 10.49 ng
RT: 23.52 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:252 Resp: 61398

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.6	31.0
125	9.9	13.0	19.4#



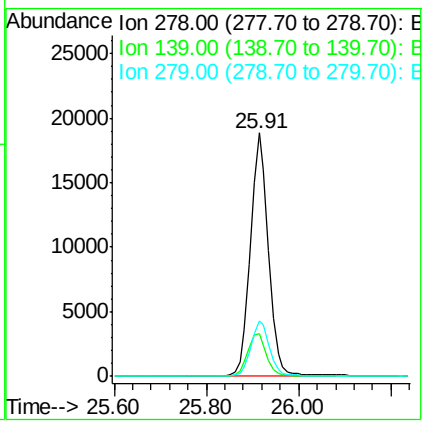


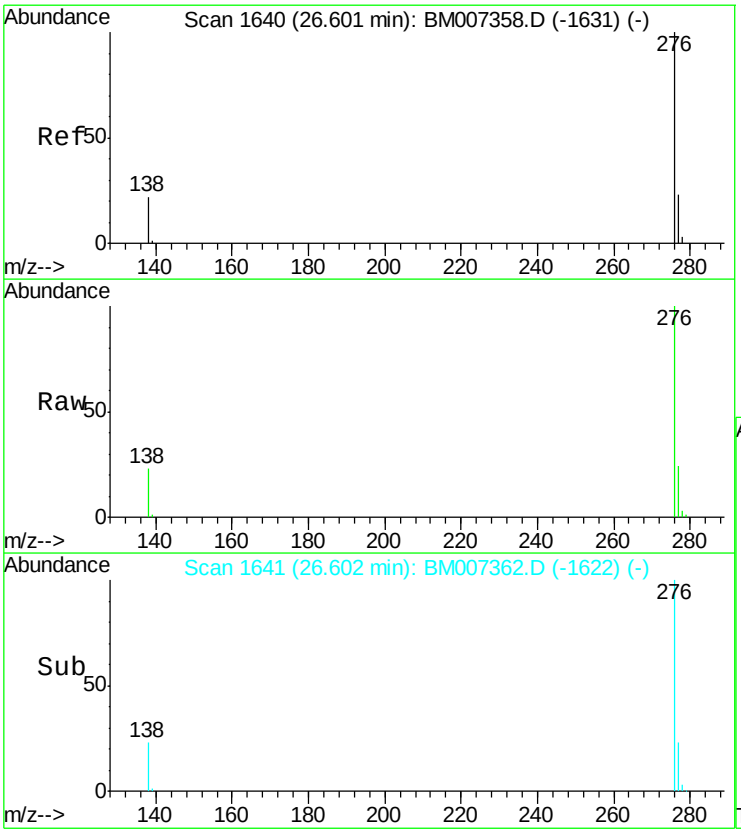
#39
Dibenzo(a,h)anthracene
Concen: 11.06 ng
RT: 25.91 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 50827

Ion	Ratio	Lower	Upper
278	100		
139	17.7	20.4	30.6#
279	23.0	24.2	36.4#





#40
Benzo(g,h,i)perylene
Concen: 10.59 ng
RT: 26.60 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BM007362.D
Acq: 01 Sep 2016 17:00

Tgt Ion:276 Resp: 51024

Ion	Ratio	Lower	Upper
276	100		
277	23.6	24.2	36.2#
138	22.8	23.1	34.7#