Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120715\
Data File : BM003399.D
Acq On : 07 Dec 2015 09:32
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 07 15:14:25 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM120715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 15:08:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	52912	5.00	ng		0.00
11) Naphthalene-d8	10.52	136	171941	5.00	ng		0.00
20) Acenaphthene-d10	14.37	164	83138	5.00	ng		0.00
27) Phenanthrene-d10	17.12	188	139074	5.00	ng		0.00
31) Chrysene-d12	21.31	240	133780	5.00	ng		0.00
35) Perylene-d12	23.57	264	117955	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	996	0.11	ng		0.00
5) Phenol-d6	6.88	99	1178	0.09	ng		0.00
12) Nitrobenzene-d5	8.88	82	840	0.09	ng		0.02
21) 2,4,6-Tribromophenol	15.85	330	117	0.26	ng		0.00
24) 2-Fluorobiphenyl	13.00	172	3484	0.12	ng		0.00
33) Terphenyl-d14	19.75	244	2034	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	690	0.04	ng	#	46
3) n-Nitrosodimethylamine	3.55	42	394	0.09	ng	#	94
6) 2-Chlorophenol	7.29	128	1171	0.10	ng		88
7) Phenol	6.91	94	1299	0.10	ng		74
8) bis(2-Chloroethyl)ether	7.15	93	1010	0.11	ng	#	38
9) 2-Methylphenol	8.17	107	720	0.10	ng	#	83
10) 3+4-Methylphenols	8.50	107	965	0.09	ng	#	44
13) Nitrobenzene	8.91	77	876	0.09	ng	#	44
14) 2-Nitrophenol	9.65	139	379	0.10	ng	#	70
15) 2,4-Dimethylphenol	9.69	122	869	0.10	ng	#	62
16) 2,4-Dichlorophenol	10.16	162	1428	0.17	ng	#	76
17) Hexachlorobutadiene	10.84	225	727	0.12	ng		95
18) 4-Chloro-3-methylphenol	11.80	107	653	0.31	ng	#	69
19) 2-Methylnaphthalene	12.18	142	2993	0.11	ng		94
22) 2,4,6-Trichlorophenol	12.80	196	570	0.10	ng	#	65
23) 2,4,5-Trichlorophenol	12.89	196	343	0.24	ng	#	93
28) 4,6-Dinitro-2-methylphenol	15.50	198	73	0.05	ng	#	1
29) Hexachlorobenzene	16.42	284	630	0.11	ng	#	16
30) Pentachlorophenol	16.78	266	235	0.42	ng		92
32) Benzidine	19.38	184	1067	0.46	ng	#	76
34) 3,3'-Dichlorobenzidine	21.24	252	824	0.33	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120715\
Data File : BM003399.D
Acq On : 07 Dec 2015 09:32
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Misc :
ALS Vial : 2 Sample Multiplier: 1

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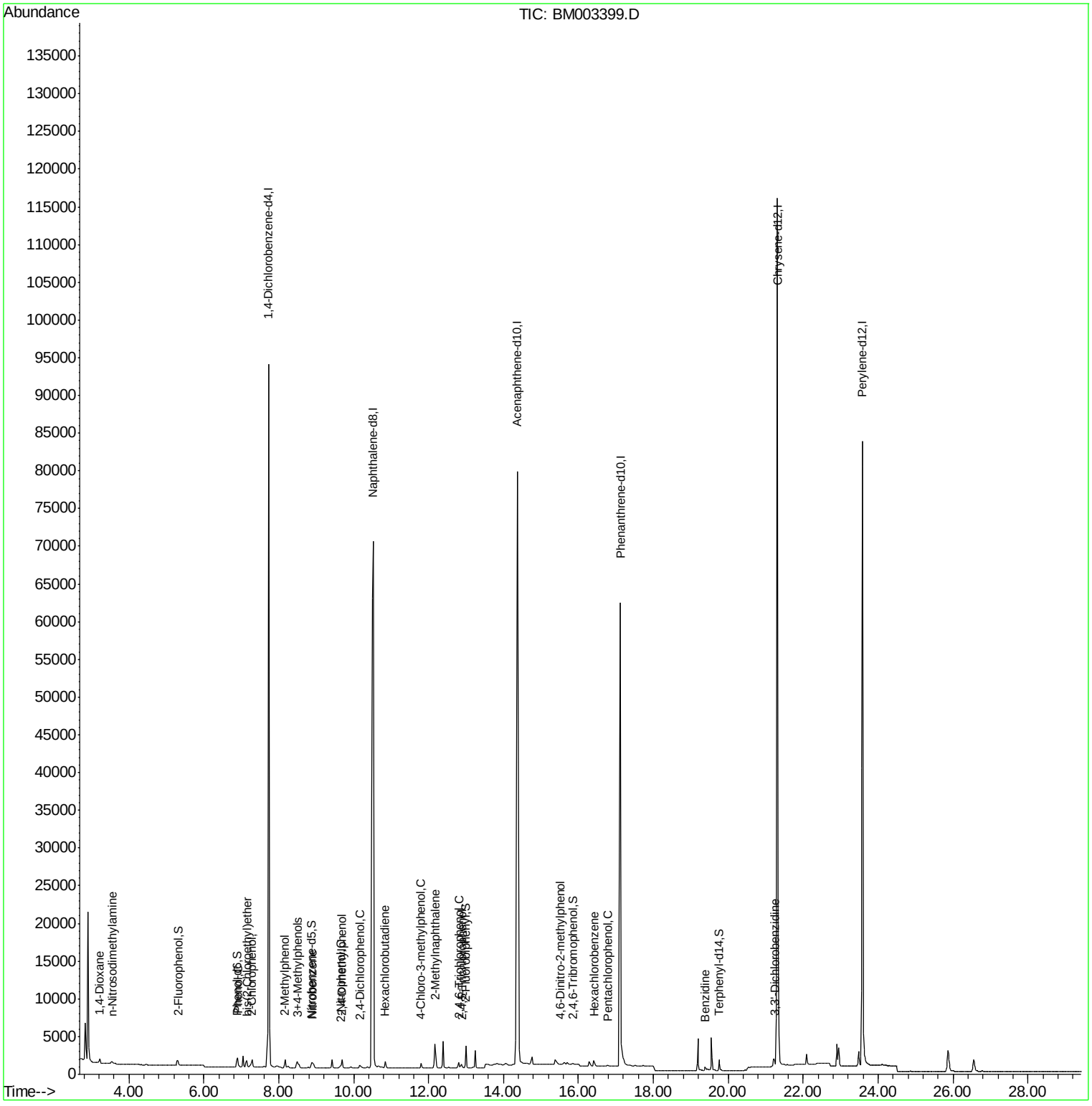
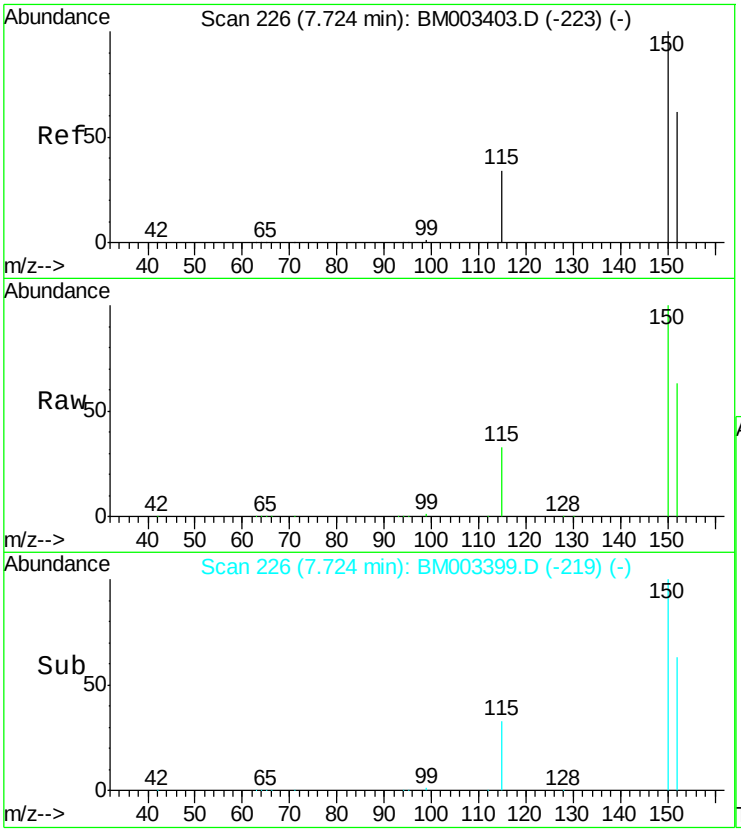


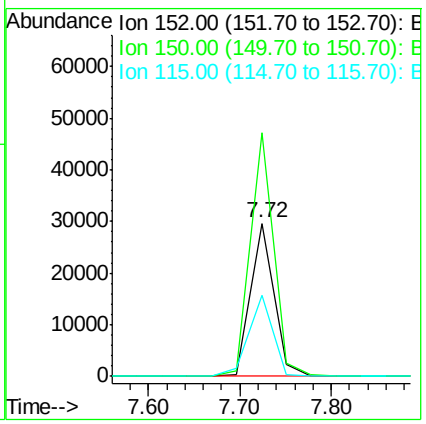


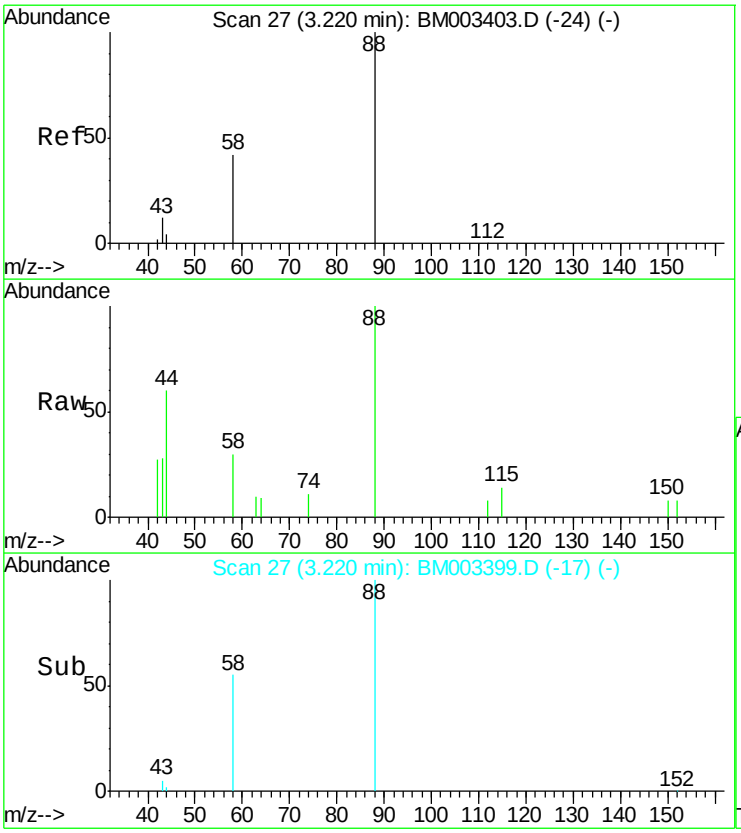
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 226
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 52912

Ion	Ratio	Lower	Upper
152	100		
150	158.9	116.3	174.5
115	53.1	31.9	47.9#

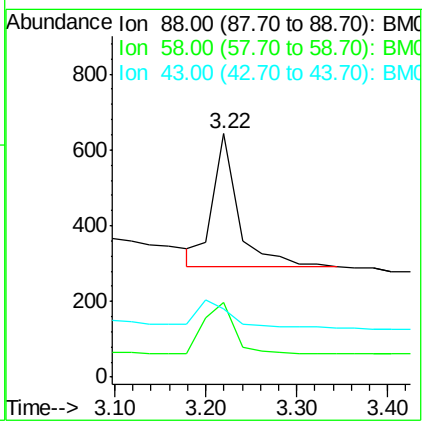


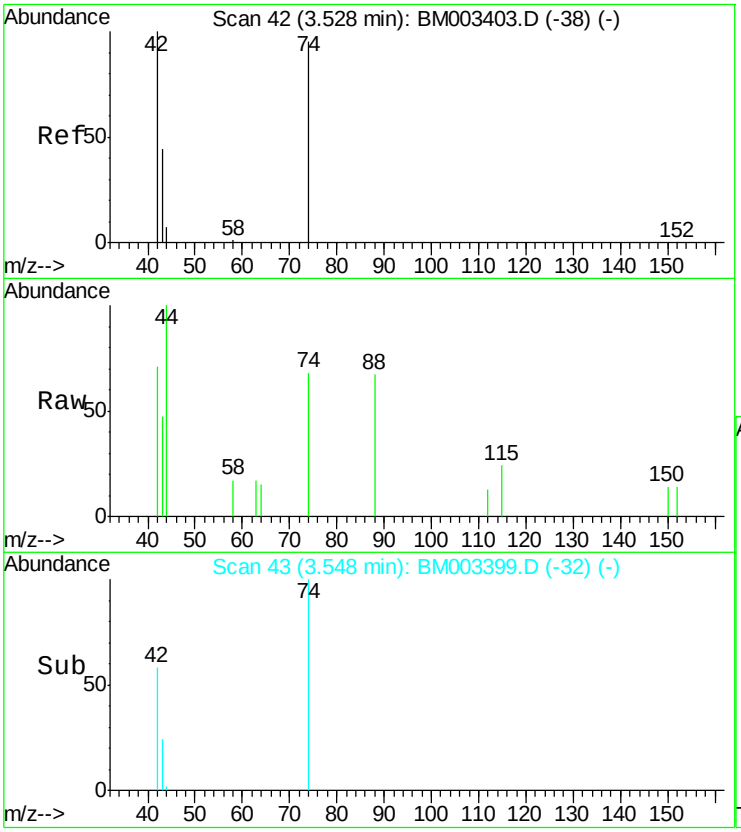


#2
1,4-Dioxane
Concen: 0.04 ng
RT: 3.22 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion: 88 Resp: 690

Ion	Ratio	Lower	Upper
88	100		
58	47.2	75.5	113.3#
43	0.0	32.7	49.1#



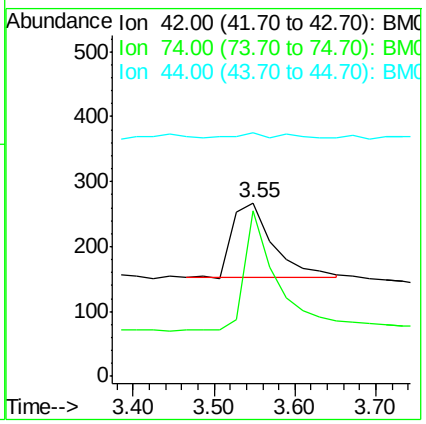


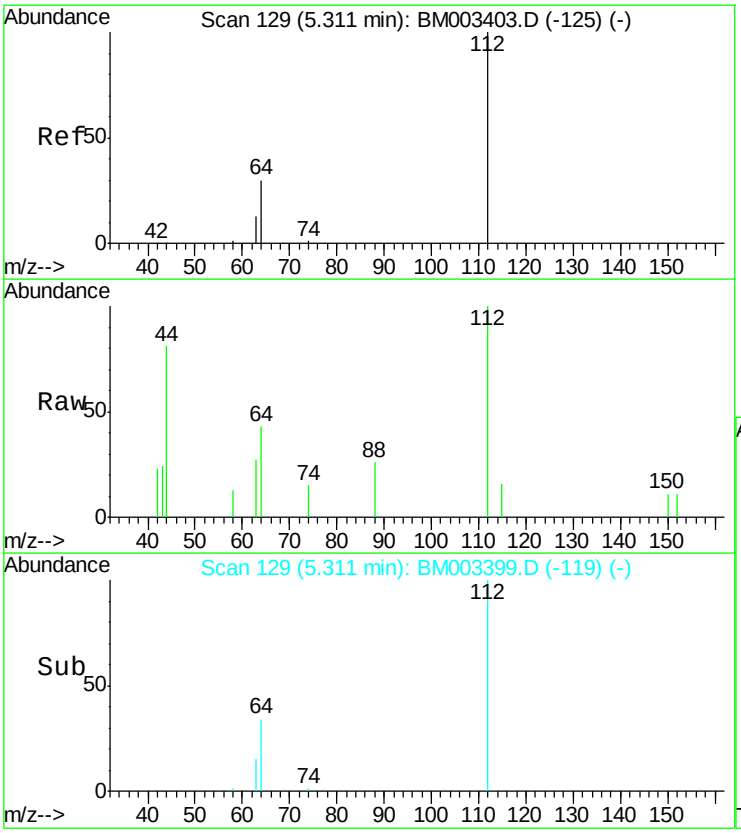
#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.55 min Scan# 43
Delta R.T. 0.02 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 42 Resp: 394

Ion	Ratio	Lower	Upper
42	100		
74	132.7	101.0	151.4
44	3.6	6.3	9.5#

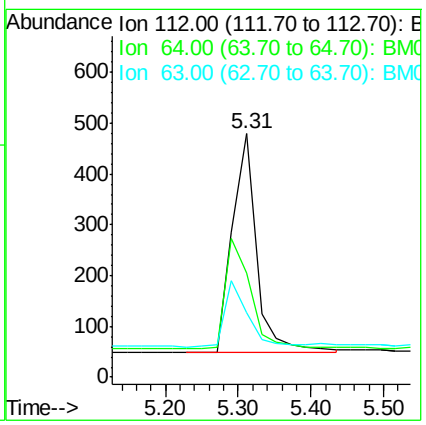


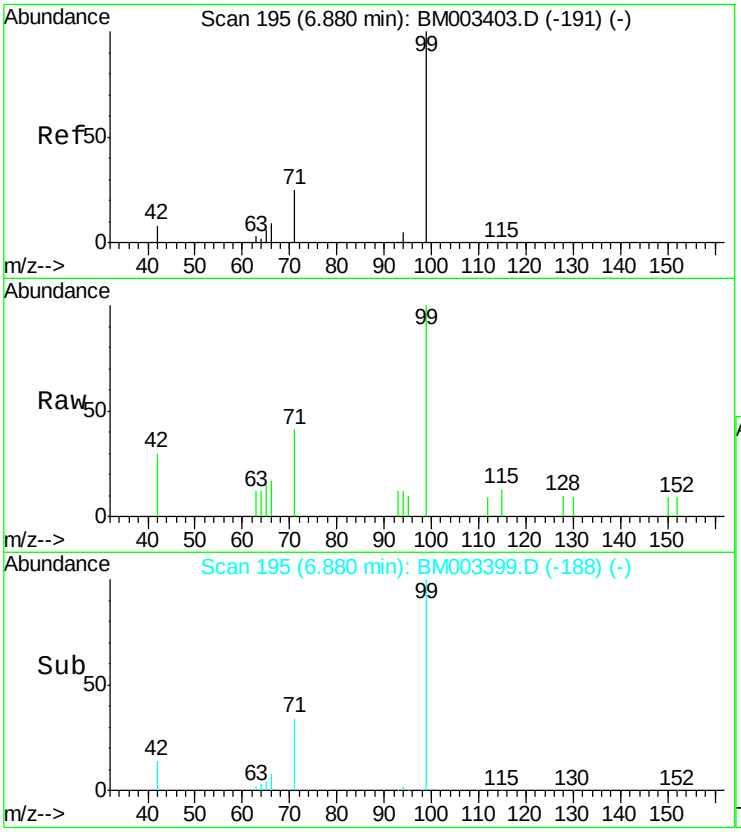


#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.31 min Scan# 129
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:112 Resp: 996

Ion	Ratio	Lower	Upper
112	100		
64	42.6	49.3	73.9#
63	26.5	26.2	39.4



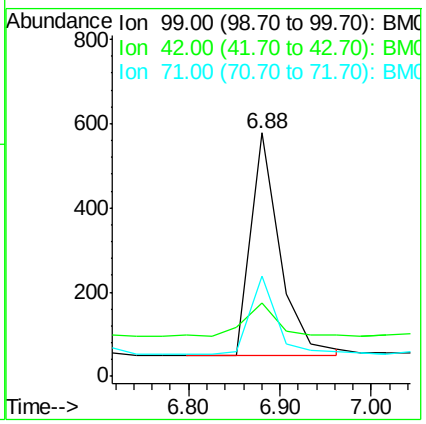


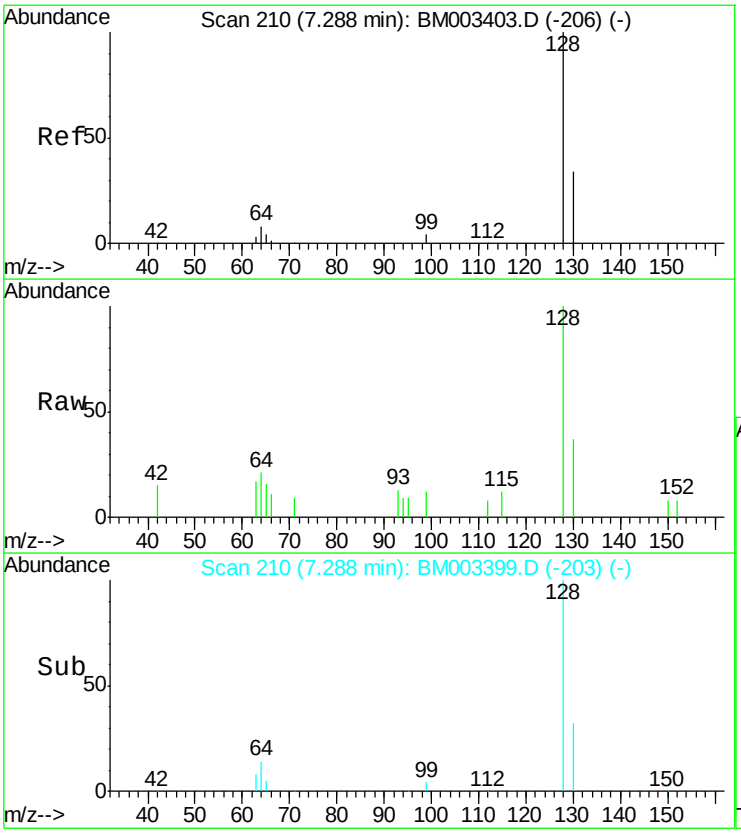
#5
Phenol-d6
Concen: 0.09 ng
RT: 6.88 min Scan# 195
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1178

Ion	Ratio	Lower	Upper
99	100		
42	29.9	12.1	18.1#
71	41.0	26.4	39.6#

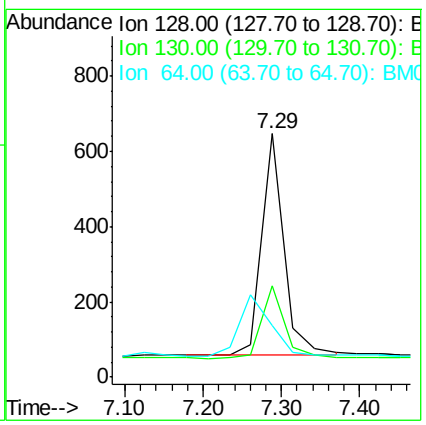


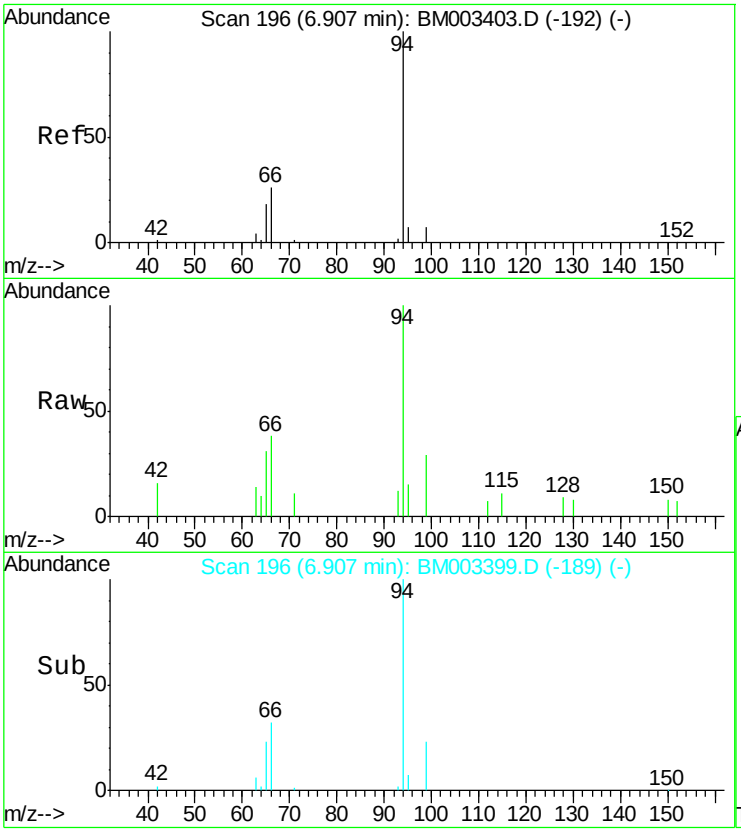


#6
2-Chlorophenol
Concen: 0.10 ng
RT: 7.29 min Scan# 210
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:128 Resp: 1171

Ion	Ratio	Lower	Upper
128	100		
130	37.4	22.2	62.2
64	21.3	0.0	28.7



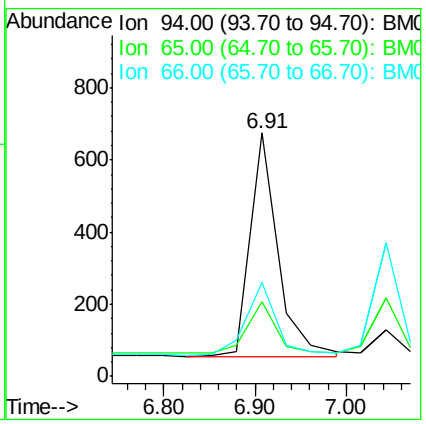


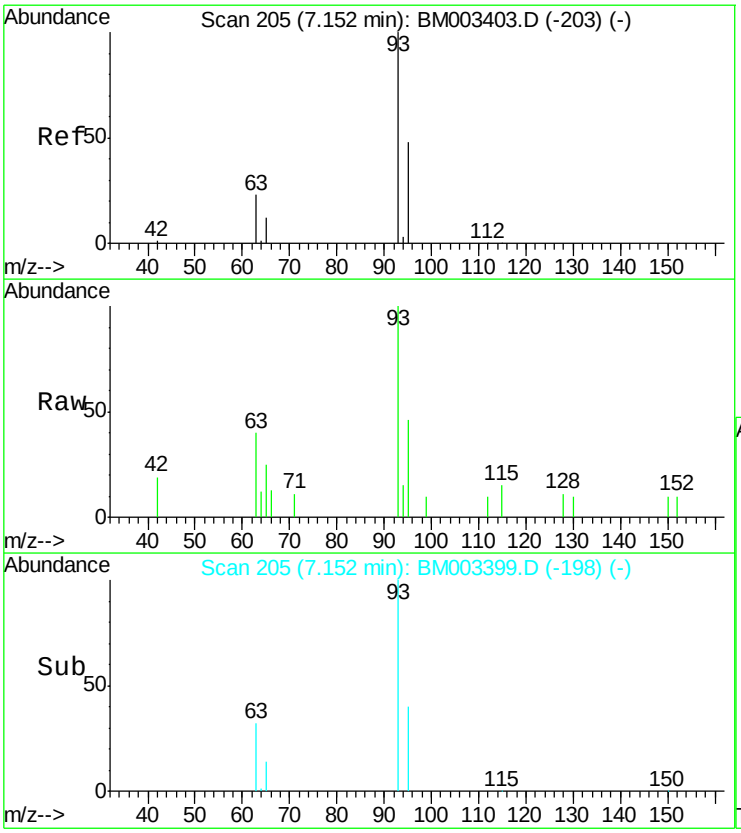
#7
Phenol
Concen: 0.10 ng
RT: 6.91 min Scan# 196
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 1299

Ion	Ratio	Lower	Upper
94	100		
65	30.8	0.0	37.7
66	38.4	6.3	46.3

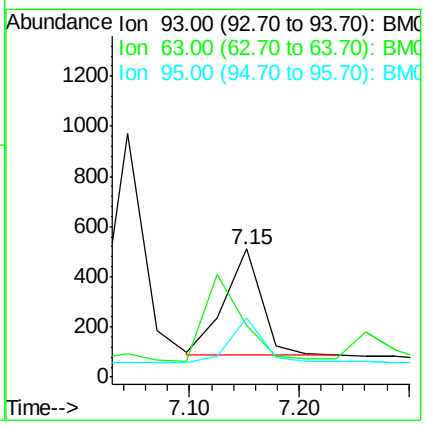


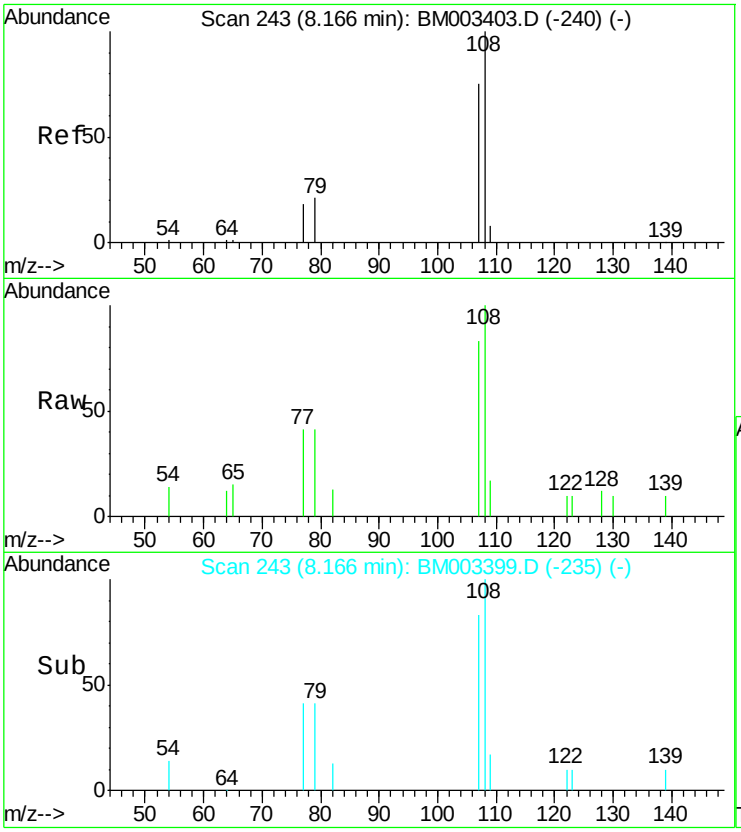


#8
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 7.15 min Scan# 205
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion: 93 Resp: 1010

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.2	87.4#
95	36.8	26.2	39.4



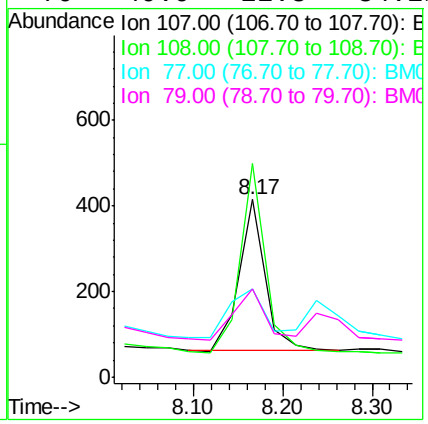


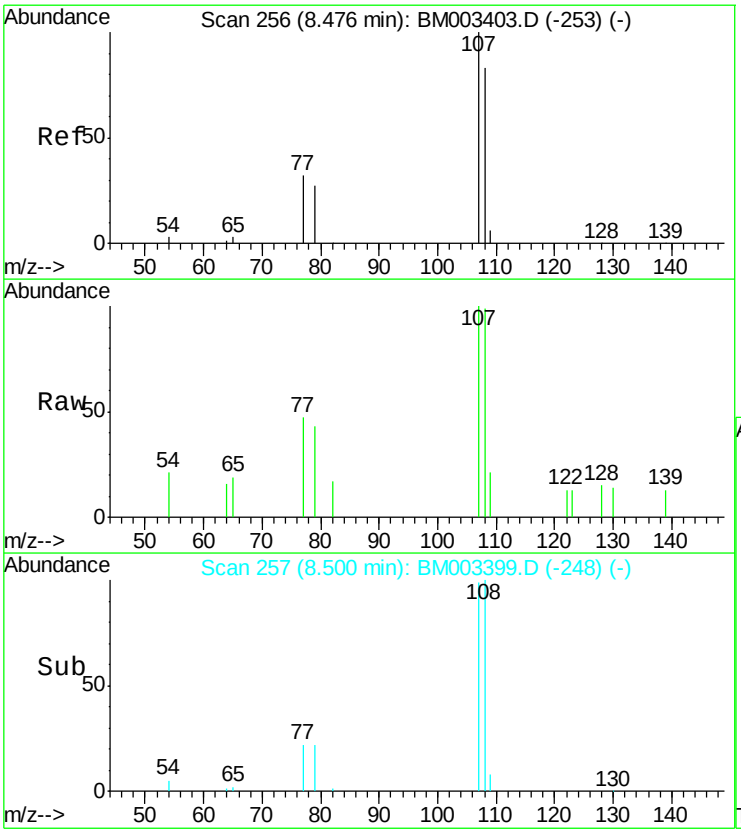
#9
2-Methylphenol
Concen: 0.10 ng
RT: 8.17 min Scan# 243
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 720

Ion	Ratio	Lower	Upper
107	100		
108	120.2	100.9	151.3
77	49.9	20.3	30.5#
79	49.9	22.8	34.2#

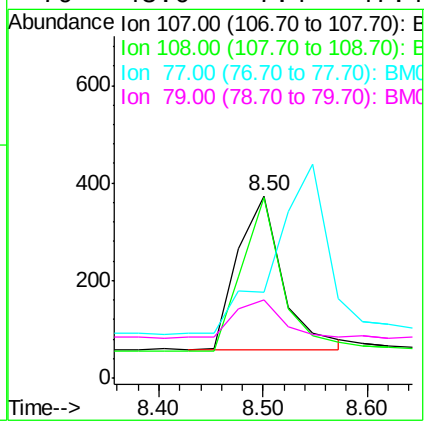


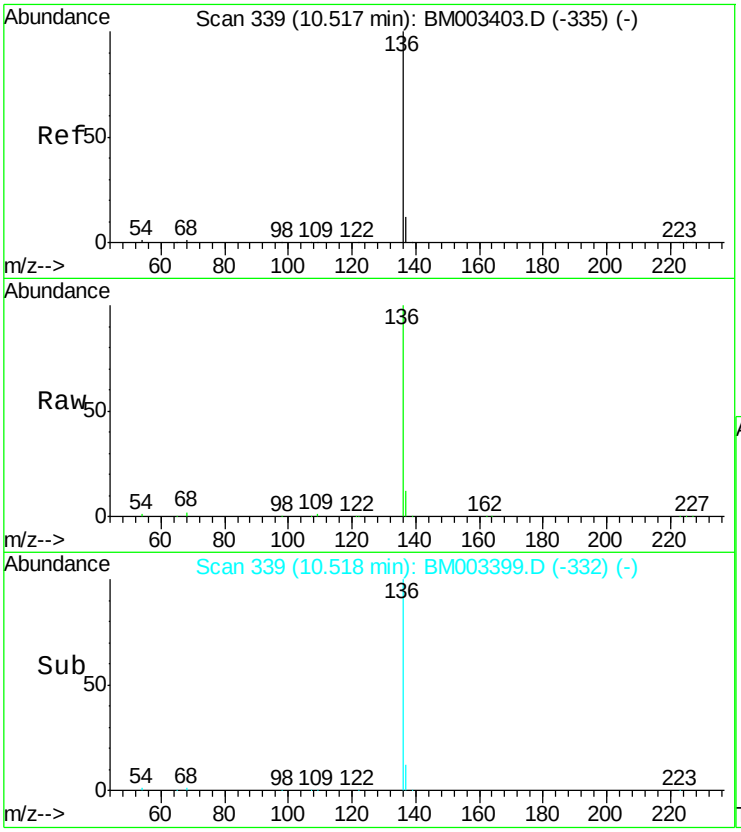


#10
3+4-Methylphenols
Concen: 0.09 ng
RT: 8.50 min Scan# 257
Delta R.T. 0.02 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:107 Resp: 965

Ion	Ratio	Lower	Upper
107	100		
108	98.9	86.3	126.3
77	47.1	151.7	191.7#
79	43.0	7.4	47.4



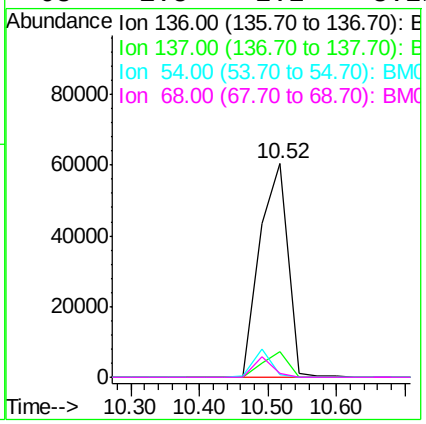


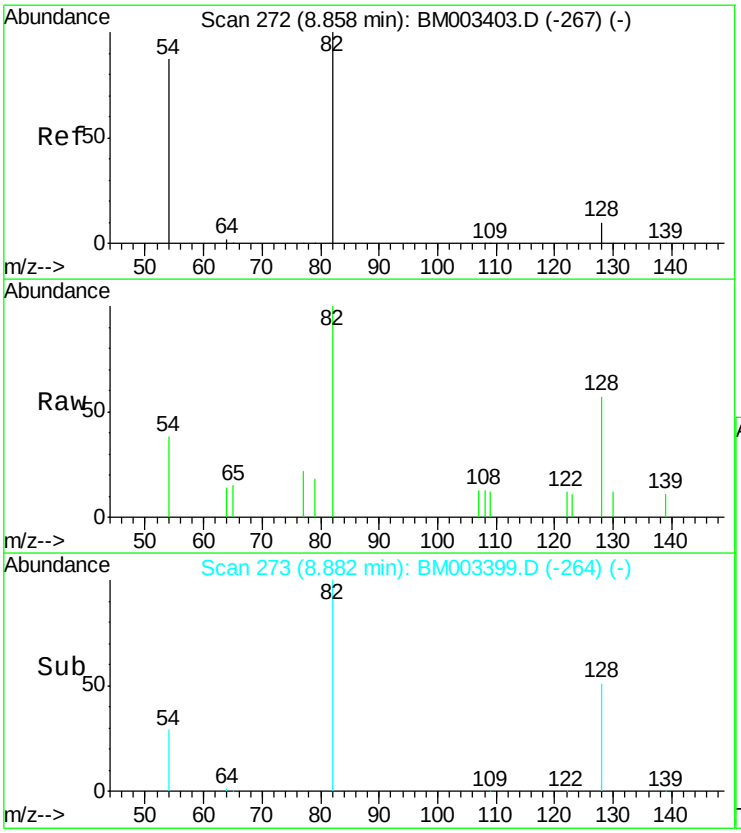
#11
Naphthalene-d8
Concen: 5.00 ng
RT: 10.52 min Scan# 339
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 171941

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.1	13.7
54	1.2	2.6	3.8#
68	1.5	2.2	3.2#

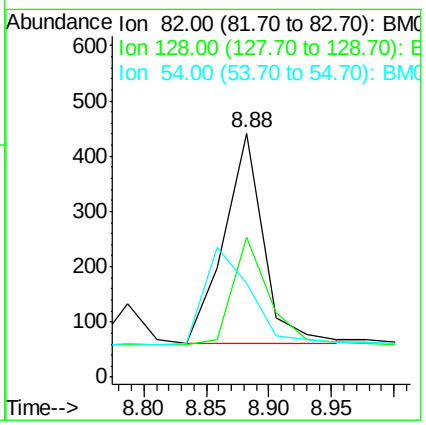


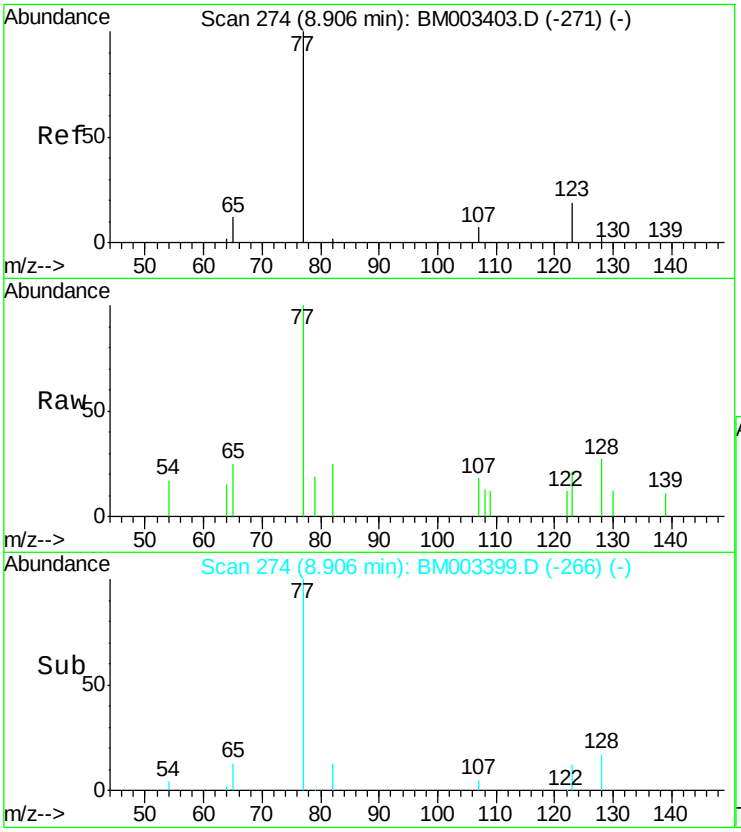


#12
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.88 min Scan# 273
Delta R.T. 0.02 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion: 82 Resp: 840

Ion	Ratio	Lower	Upper
82	100		
128	47.4	0.0	0.0#
54	0.0	59.0	88.6#



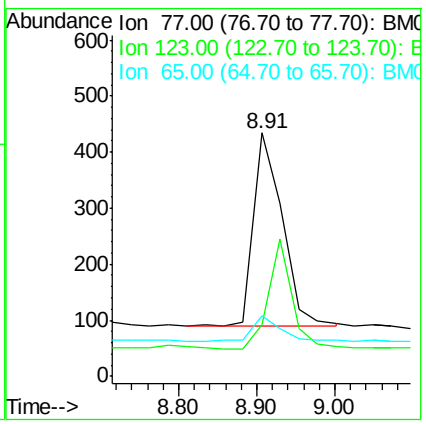


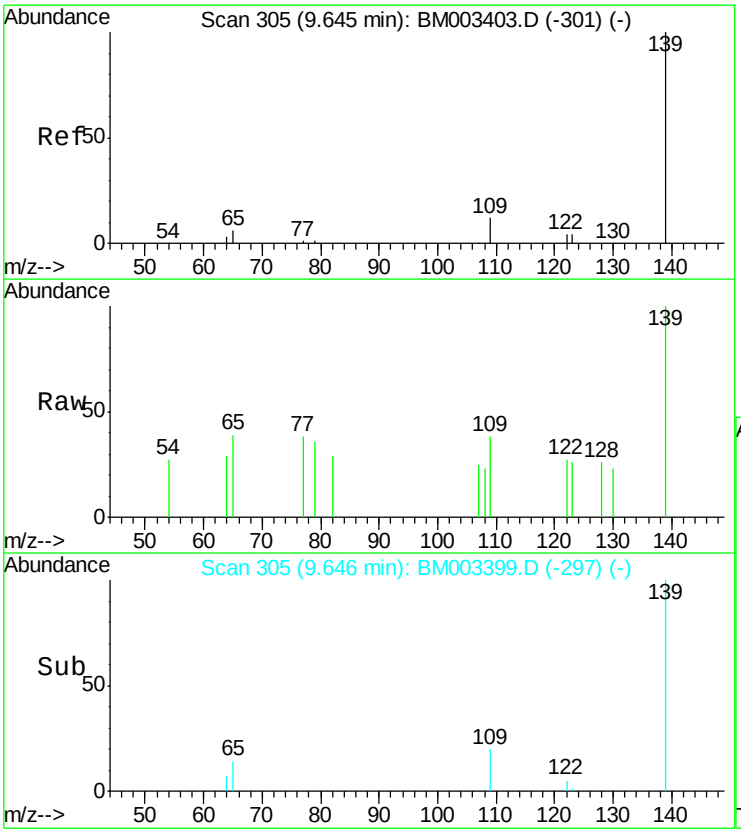
#13
Nitrobenzene
Concen: 0.09 ng
RT: 8.91 min Scan# 274
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 876

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	12.6	9.8	14.6

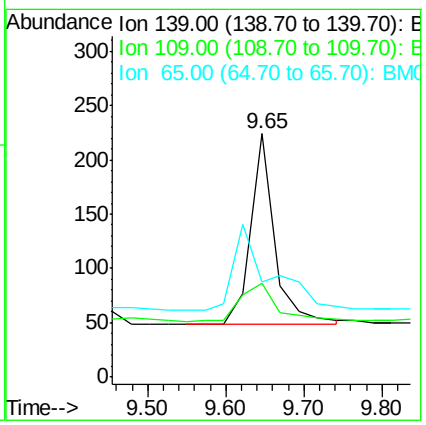


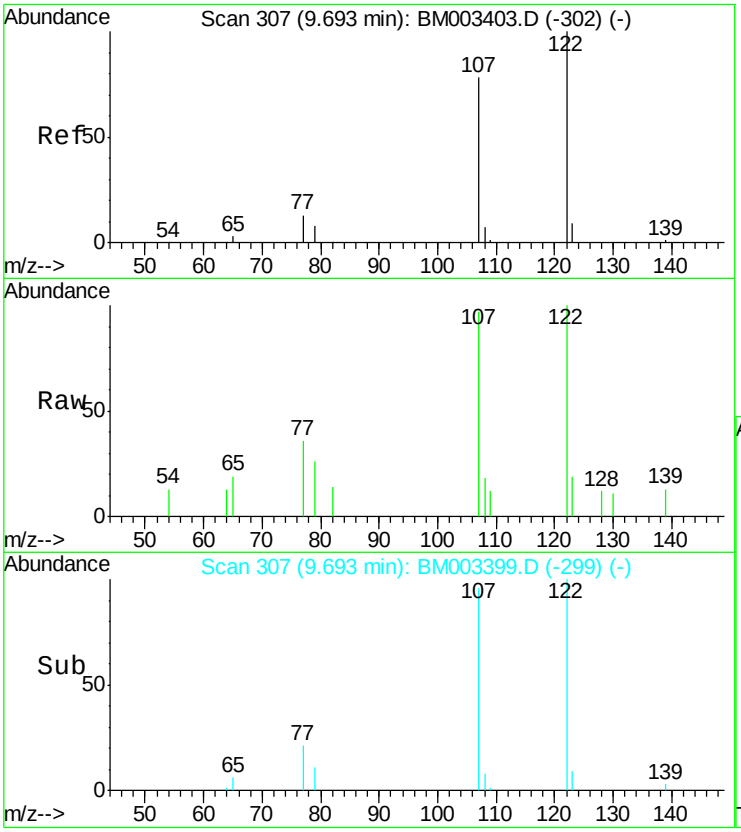


#14
2-Nitrophenol
Concen: 0.10 ng
RT: 9.65 min Scan# 305
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:139 Resp: 379

Ion	Ratio	Lower	Upper
139	100		
109	38.4	19.5	29.3#
65	38.8	18.6	28.0#



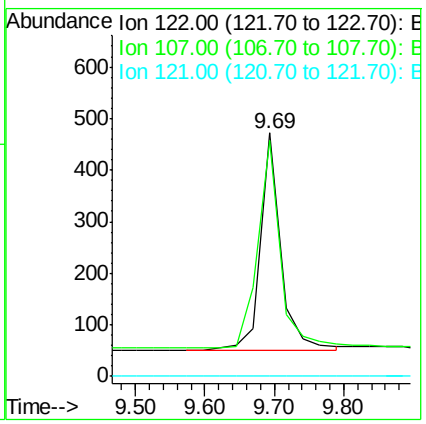


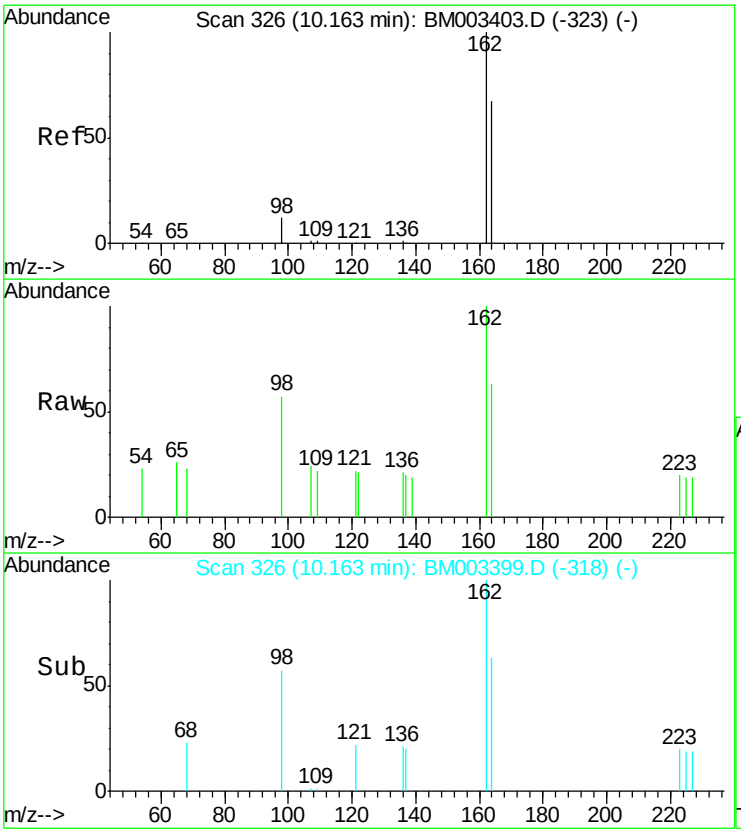
#15
2,4-Dimethylphenol
Concen: 0.10 ng
RT: 9.69 min Scan# 307
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 869

Ion	Ratio	Lower	Upper
122	100		
107	97.0	68.6	102.8
121	0.0	44.8	67.2#

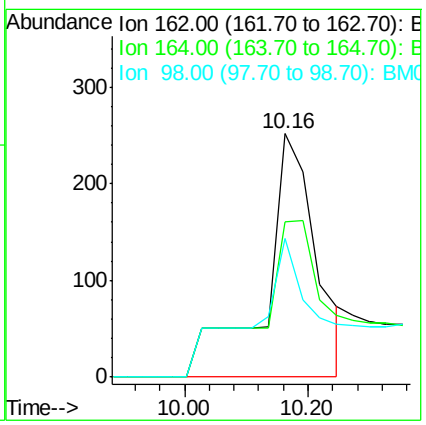


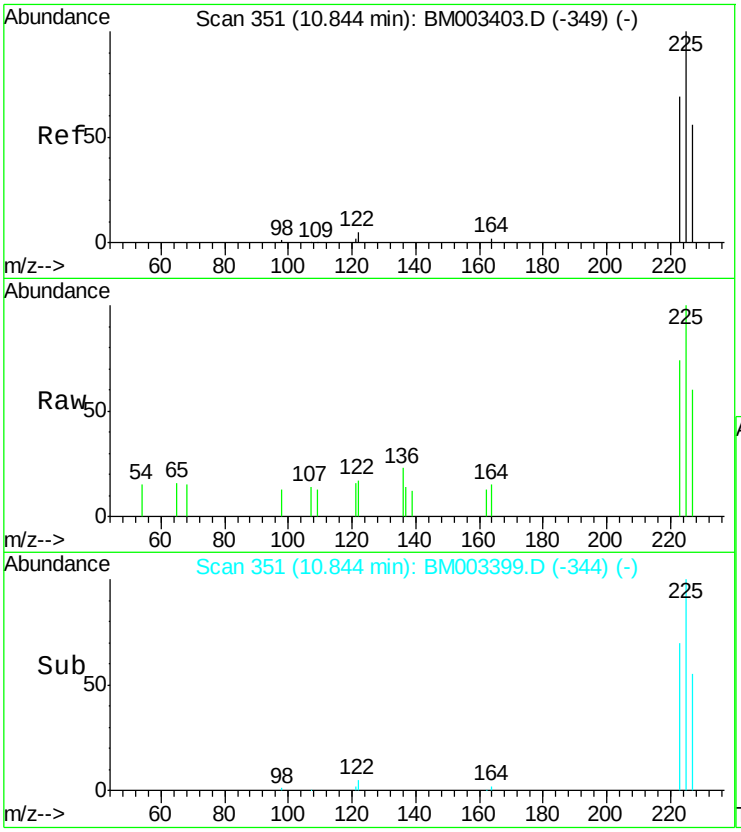


#16
2,4-Dichlorophenol
Concen: 0.17 ng
RT: 10.16 min Scan# 326
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:162 Resp: 1428

Ion	Ratio	Lower	Upper
162	100		
164	63.5	49.2	89.2
98	57.1	0.0	37.4#



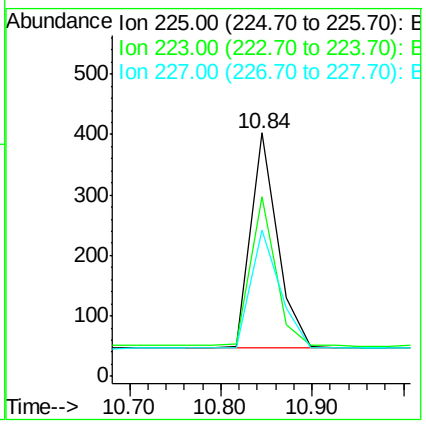


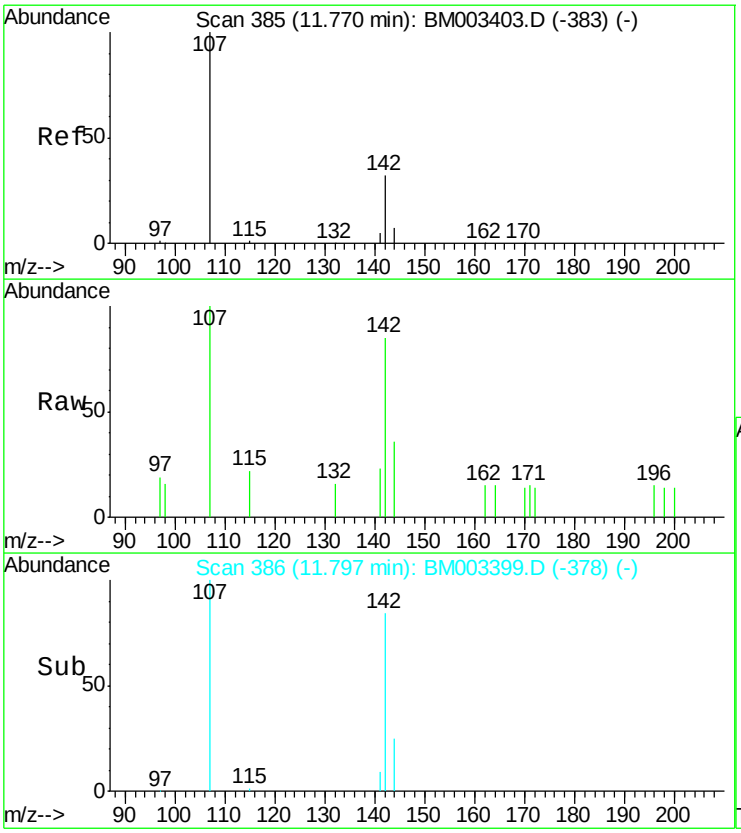
#17
Hexachlorobutadiene
Concen: 0.12 ng
RT: 10.84 min Scan# 351
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:225 Resp: 727

Ion	Ratio	Lower	Upper
225	100		
223	64.2	53.0	79.4
227	59.3	52.2	78.4

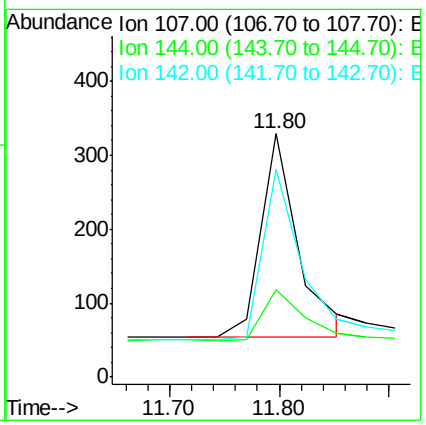


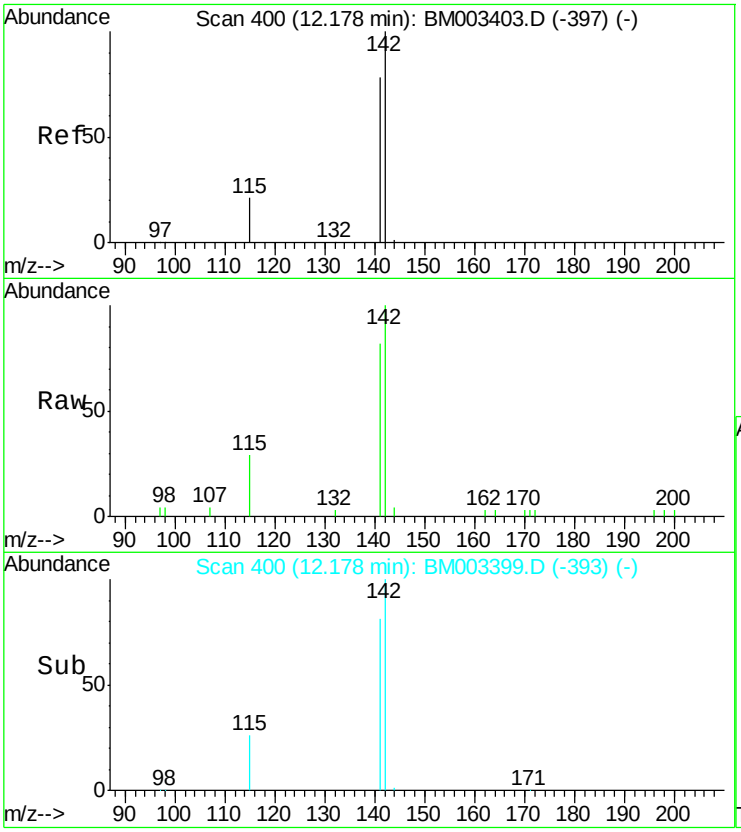


#18
4-Chloro-3-methylphenol
Concen: 0.31 ng
RT: 11.80 min Scan# 386
Delta R.T. 0.03 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:107 Resp: 653

Ion	Ratio	Lower	Upper
107	100		
144	35.9	16.2	24.2#
142	85.4	49.8	74.6#



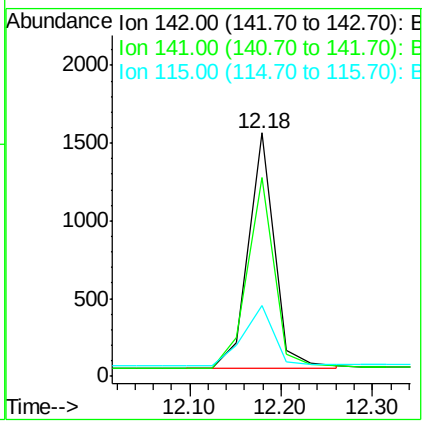


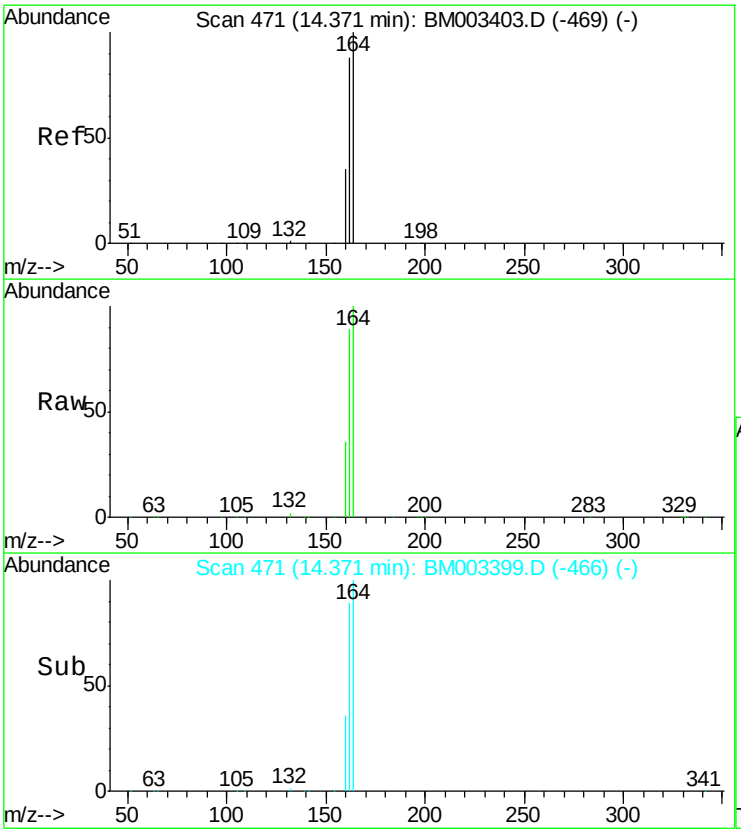
#19
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.18 min Scan# 400
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 2993

Ion	Ratio	Lower	Upper
142	100		
141	85.2	71.4	107.0
115	30.7	29.3	43.9

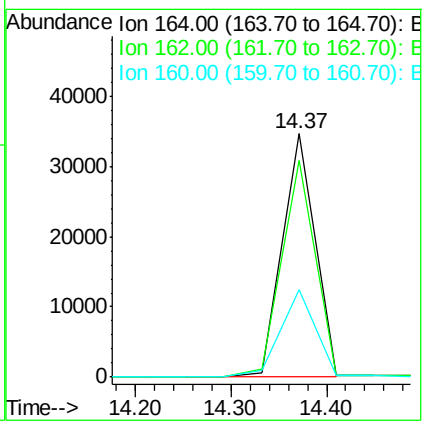


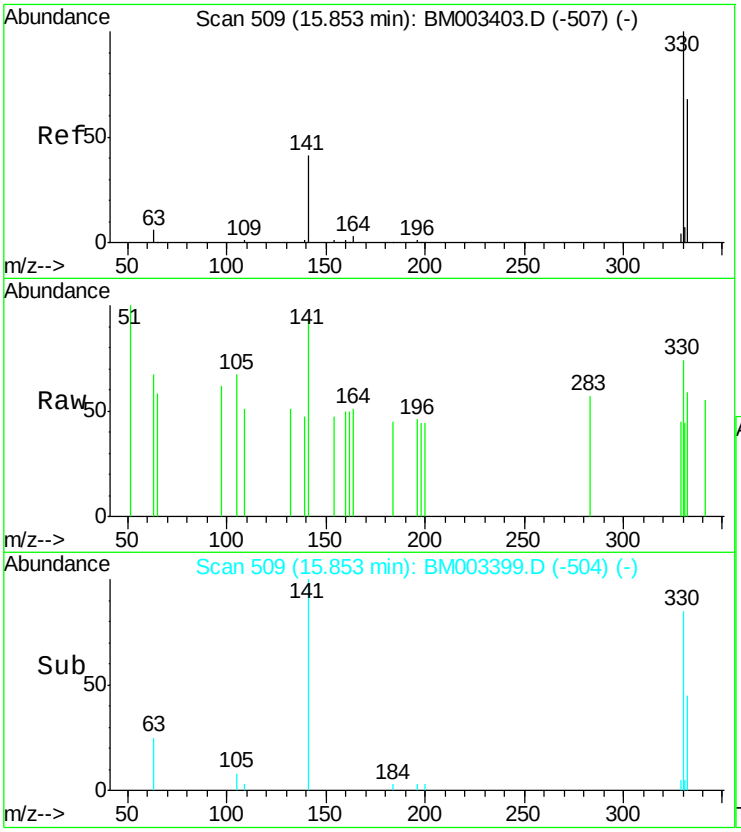


#20
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:164 Resp: 83138

Ion	Ratio	Lower	Upper
164	100		
162	89.1	79.2	118.8
160	36.0	33.7	50.5



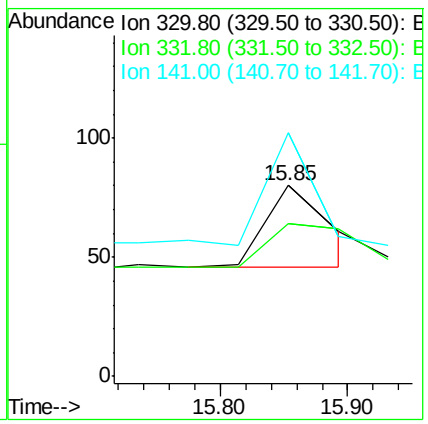


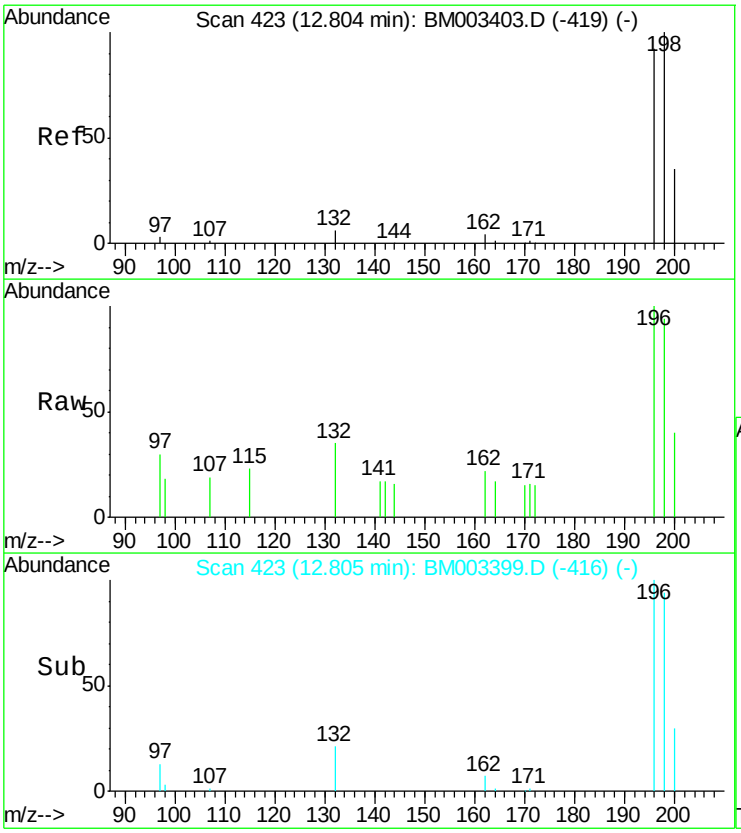
#21
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.85 min Scan# 509
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 117

Ion	Ratio	Lower	Upper
330	100		
332	68.4	74.0	111.0#
141	98.3	24.1	36.1#

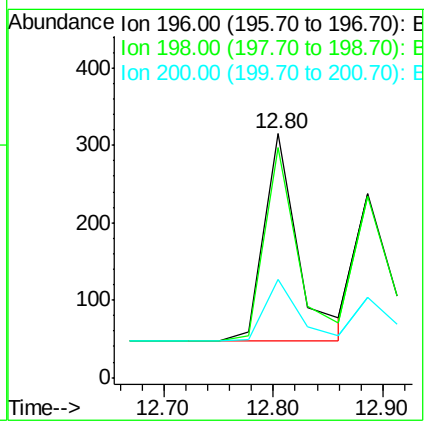


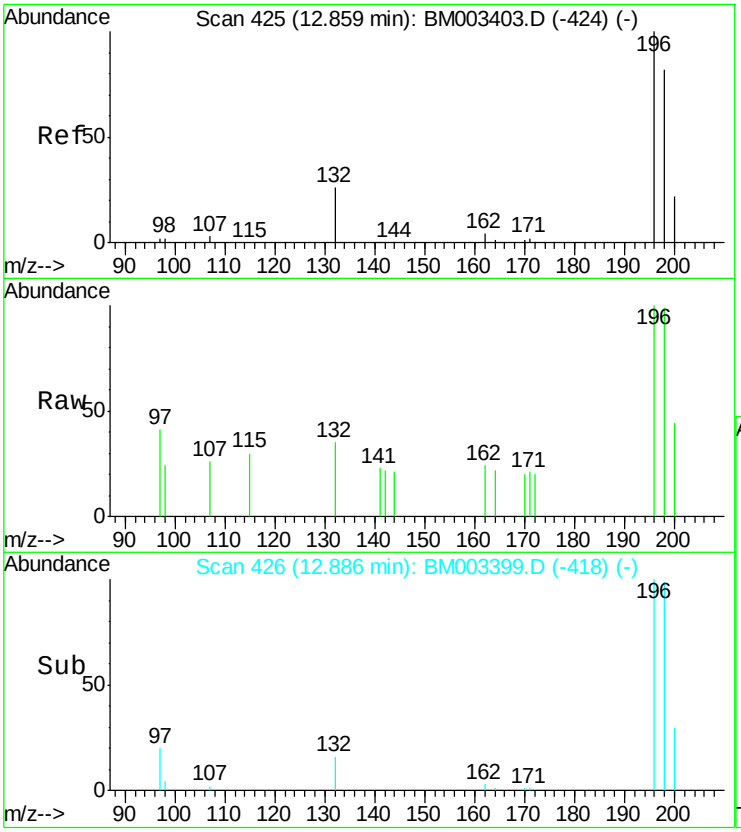


#22
2,4,6-Trichlorophenol
Concen: 0.10 ng
RT: 12.80 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:196 Resp: 570

Ion	Ratio	Lower	Upper
196	100		
198	94.3	54.2	81.2#
200	40.3	17.1	25.7#



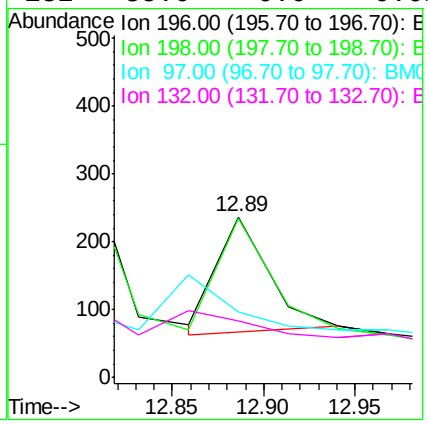


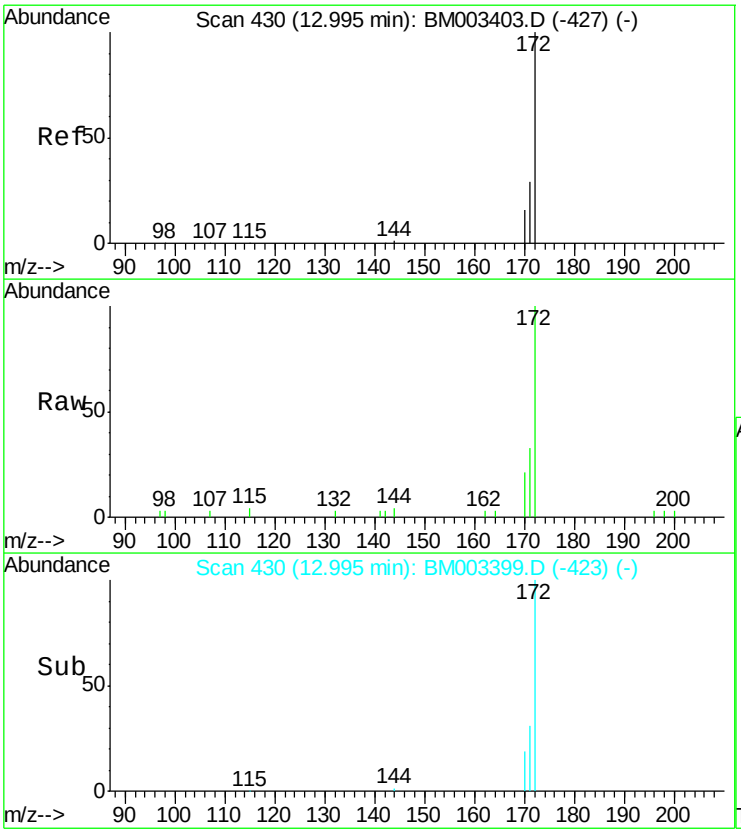
#23
2,4,5-Trichlorophenol
Concen: 0.24 ng
RT: 12.89 min Scan# 426
Delta R.T. 0.03 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 343

Ion	Ratio	Lower	Upper
196	100		
198	98.7	73.6	110.4
97	40.9	0.0	0.0#
132	35.0	0.0	0.0#

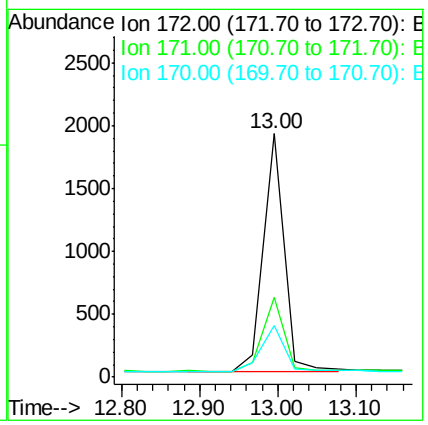


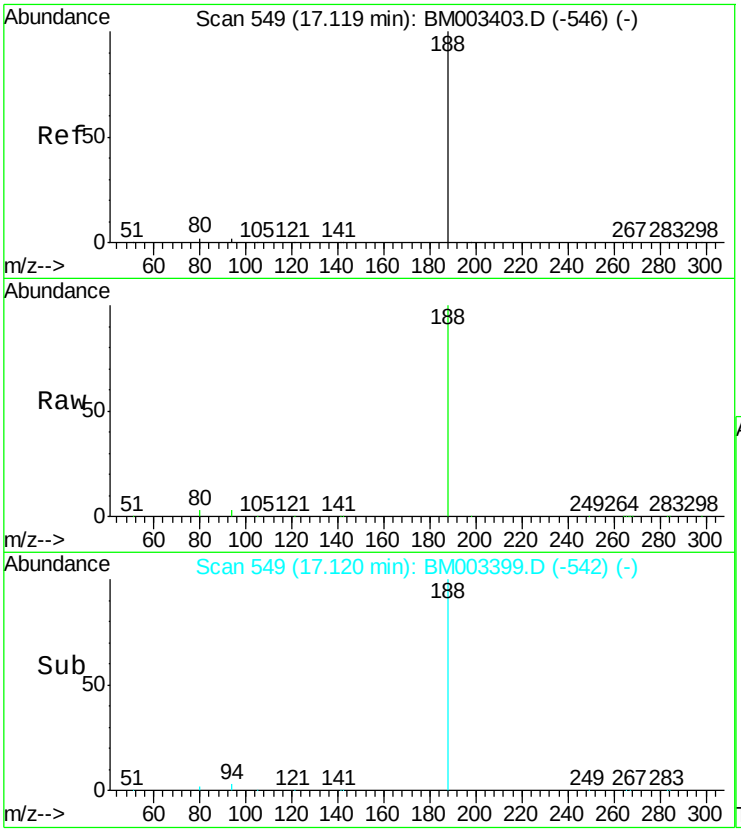


#24
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:172 Resp: 3484

Ion	Ratio	Lower	Upper
172	100		
171	32.3	28.0	42.0
170	21.0	18.9	28.3



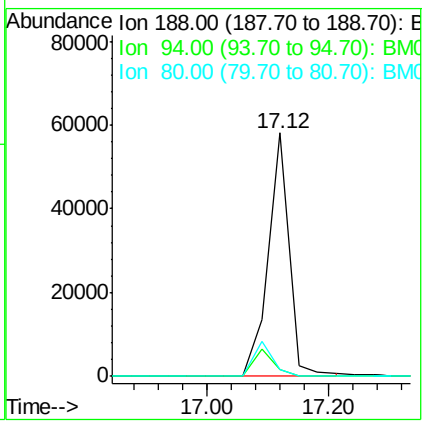


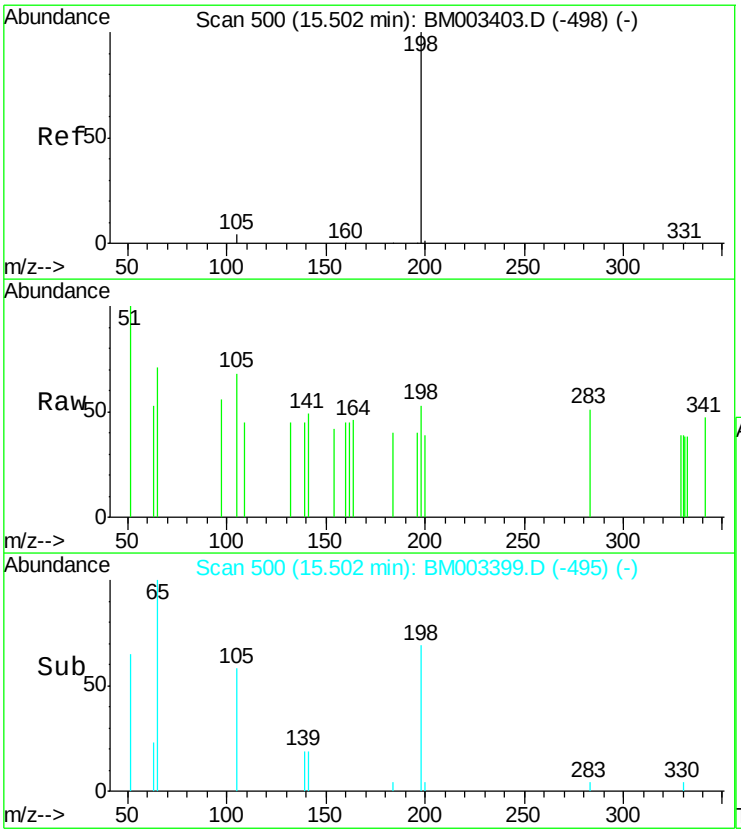
#27
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 549
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 139074

Ion	Ratio	Lower	Upper
188	100		
94	3.1	2.9	4.3
80	2.6	2.5	3.7

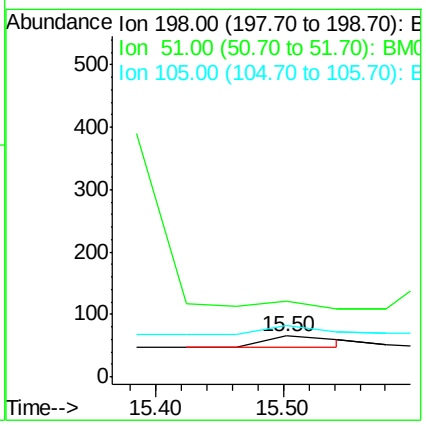


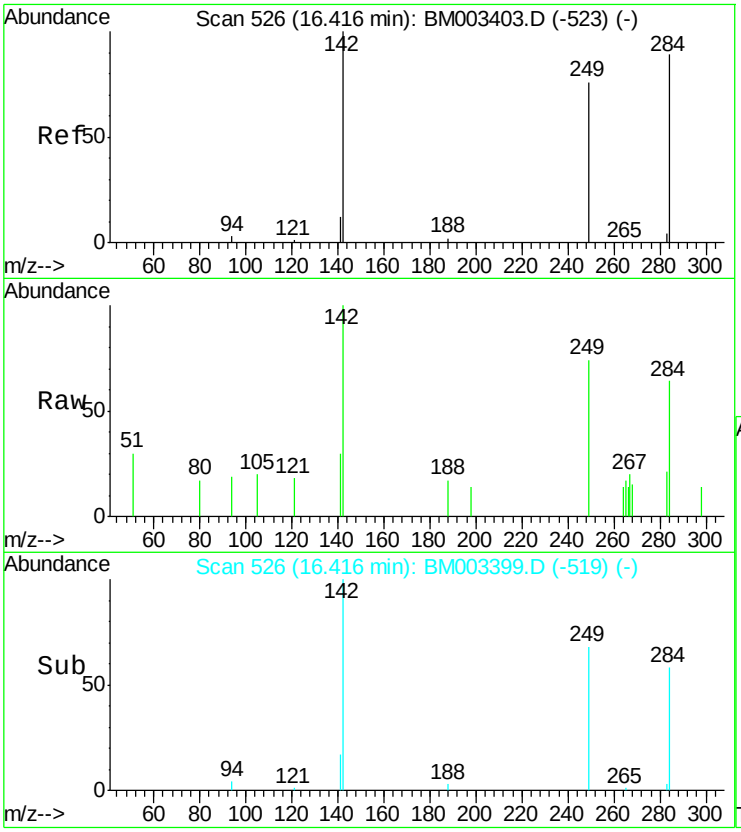


#28
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 15.50 min Scan# 500
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:198 Resp: 73

Ion	Ratio	Lower	Upper
198	100		
51	187.7	60.8	100.8#
105	127.7	30.0	70.0#



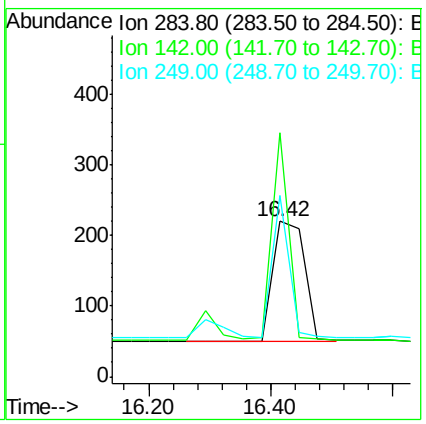


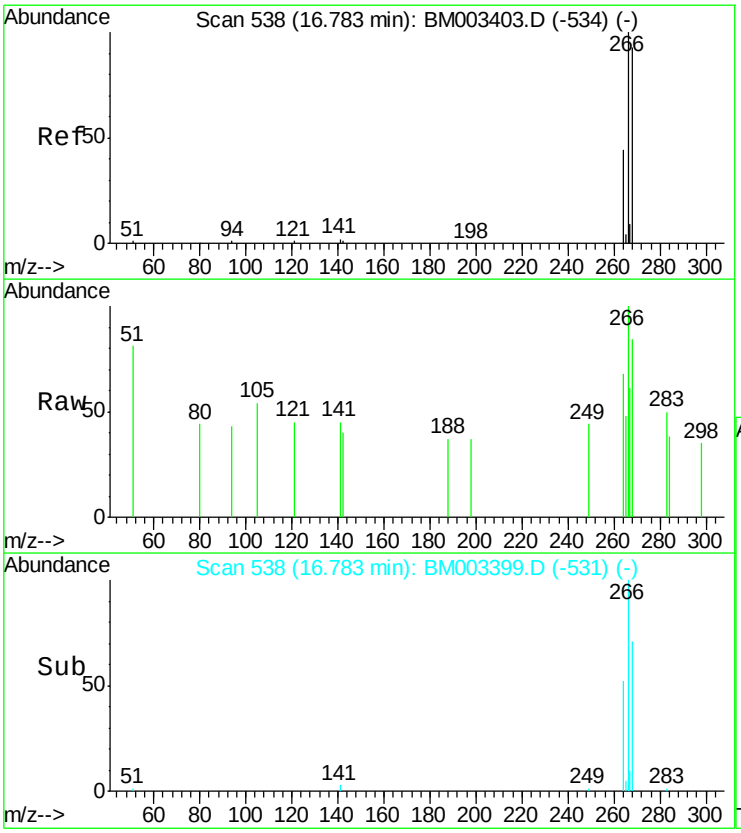
#29
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.42 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 630

Ion	Ratio	Lower	Upper
284	100		
142	87.8	23.3	34.9#
249	60.3	23.3	34.9#

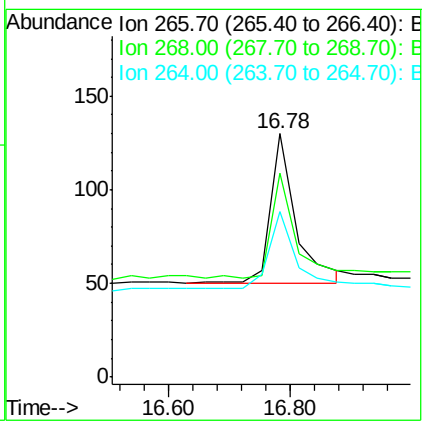


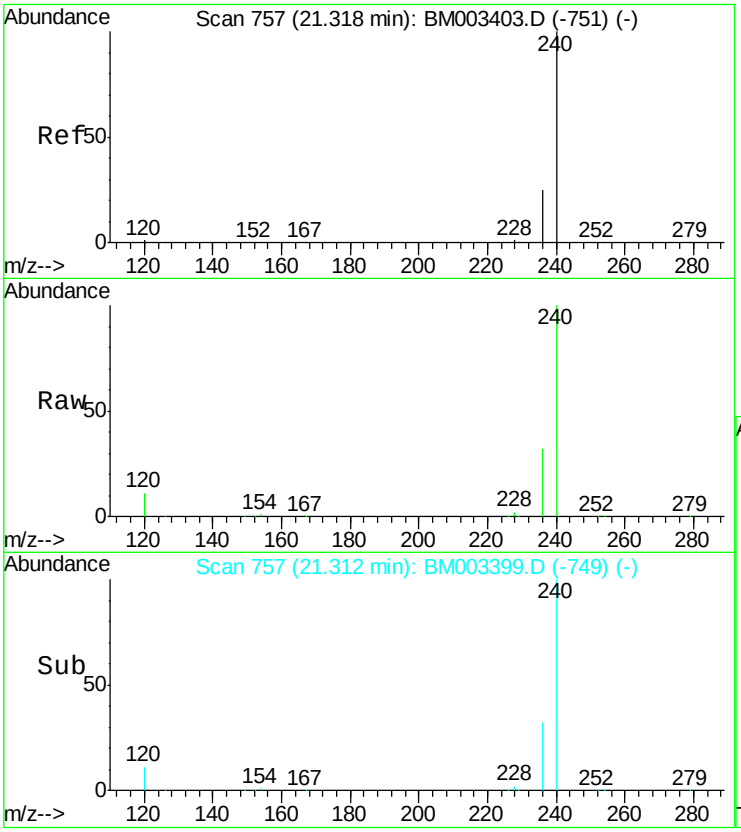


#30
Pentachlorophenol
Concen: 0.42 ng
RT: 16.78 min Scan# 538
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:266 Resp: 235

Ion	Ratio	Lower	Upper
266	100		
268	83.8	62.6	94.0
264	67.7	47.9	71.9



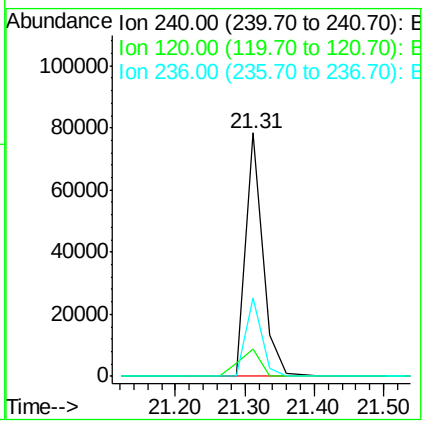


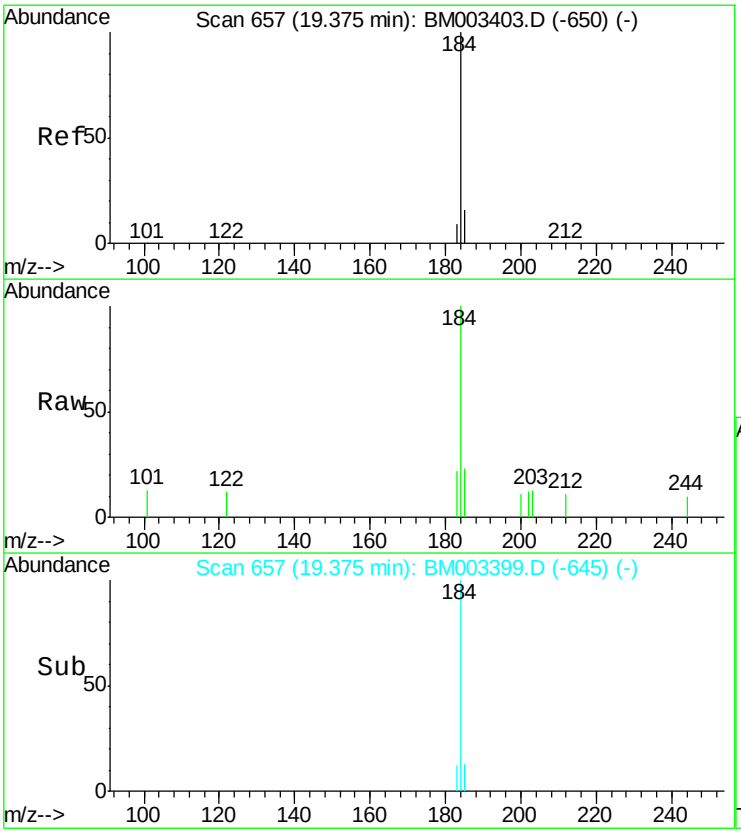
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 757
Delta R.T. -0.01 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 133780

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.4	15.6
236	32.3	22.0	33.0

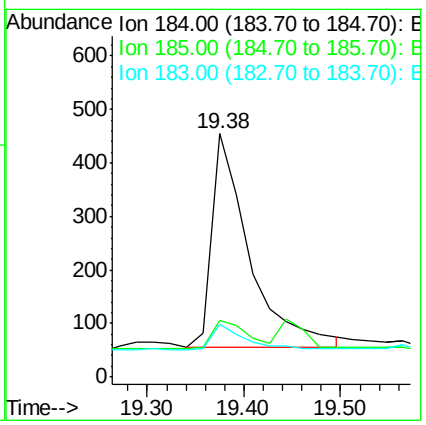


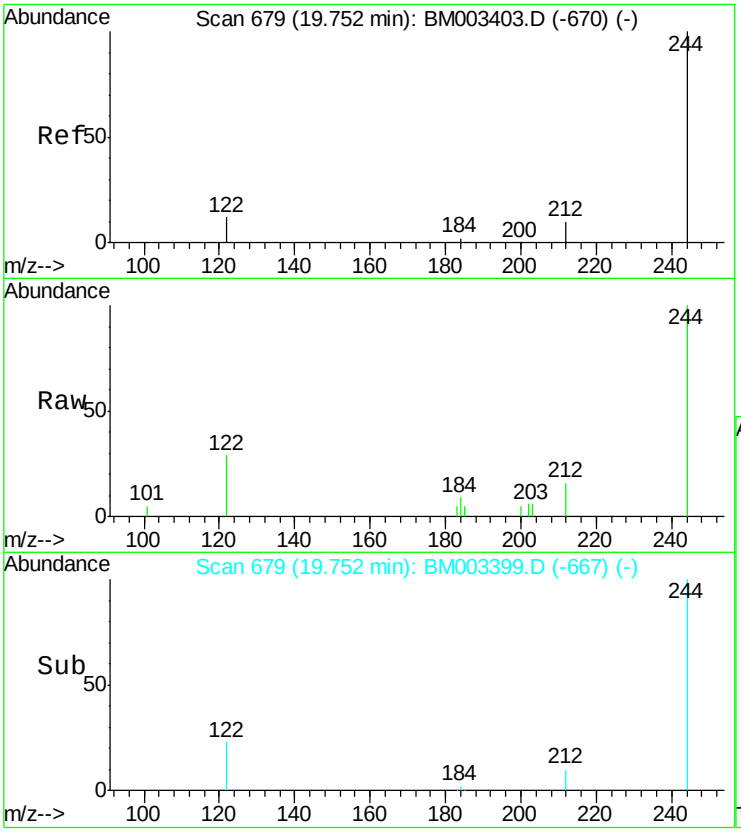


#32
Benzidine
Concen: 0.46 ng
RT: 19.38 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:184 Resp: 1067

Ion	Ratio	Lower	Upper
184	100		
185	23.1	11.6	17.4#
183	21.5	8.6	13.0#



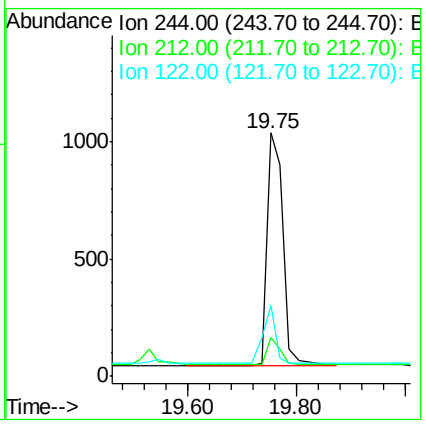


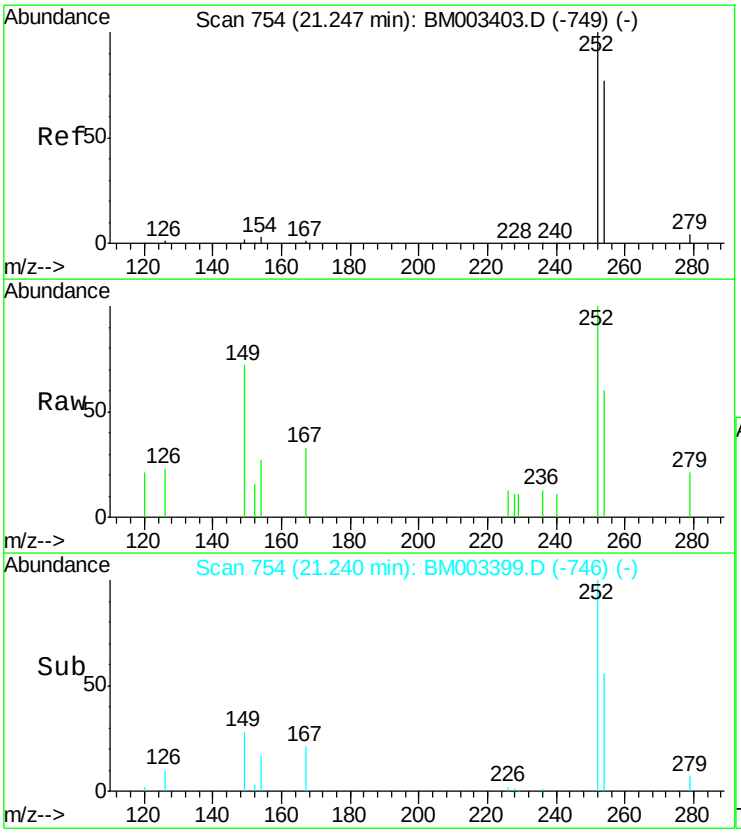
#33
Terphenyl-d14
Concen: 0.11 ng
RT: 19.75 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 2034

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	20.1	14.8	22.2

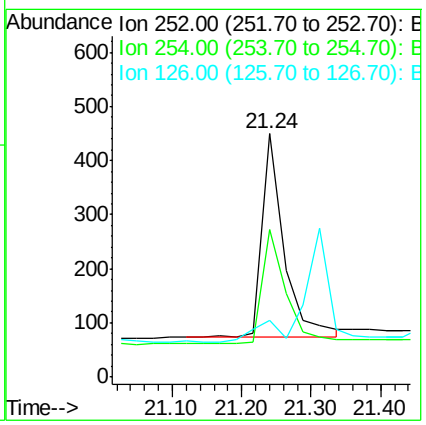


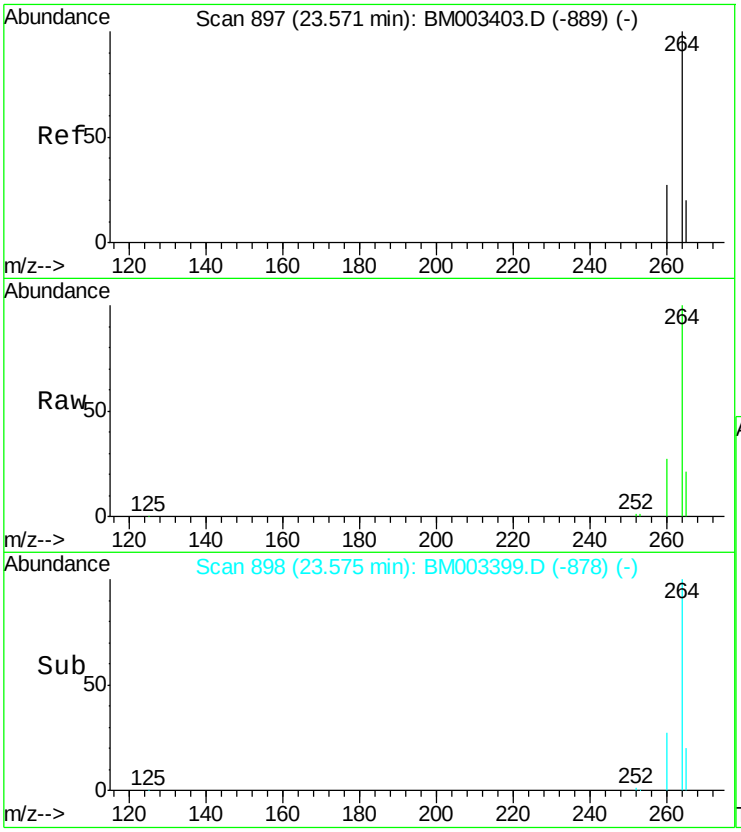


#34
3,3'-Dichlorobenzidine
Concen: 0.33 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Tgt Ion:252 Resp: 824

Ion	Ratio	Lower	Upper
252	100		
254	60.4	53.7	80.5
126	23.3	2.8	4.2#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.57 min Scan# 898
Delta R.T. 0.00 min
Lab File: BM003399.D
Acq: 07 Dec 2015 09:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 117955

Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.7	29.5
265	20.5	17.4	26.2