Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
Data File : BM001230.D
Acq On : 06 May 2015 23:04
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

Quant Time: May 07 06:40:09 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM050615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 06:25:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	15619	5.00	ng		0.00
9) Naphthalene-d8	10.26	136	46262	5.00	ng		0.00
16) Acenaphthene-d10	14.15	164	24165	5.00	ng		0.00
23) Phenanthrene-d10	16.90	188	44533	5.00	ng		0.00
27) Chrysene-d12	21.09	240	50149	5.00	ng		0.00
29) Perylene-d12	23.23	264	45469	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	1300	0.51	ng		0.00
4) Phenol-d6	6.65	99	1659	0.48	ng		0.00
10) Nitrobenzene-d5	8.61	82	1290	0.49	ng		0.00
17) 2,4,6-Tribromophenol	15.64	330	446	0.44	ng		0.00
20) 2-Fluorobiphenyl	12.76	172	3828	0.51	ng		0.00
28) Terphenyl-d14	19.55	244	3205	0.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	480	0.47	ng		95
5) 2-Chlorophenol	7.05	128	1083	0.49	ng		94
6) Phenol	6.68	94	1641	0.47	ng		91
7) 2-Methylphenol	7.94	107	894	0.49	ng	#	92
8) 3+4-Methylphenols	8.27	107	1064	0.45	ng	#	81
11) 2-Nitrophenol	9.39	139	462	0.45	ng	#	78
12) 2,4-Dimethylphenol	9.46	122	1033	0.46	ng		92
13) 2,4-Dichlorophenol	9.92	162	1061	0.47	ng		94
14) 4-Chloro-3-methylphenol	11.55	107	1074	0.45	ng		98
15) 2-Methylnaphthalene	11.92	142	3272	0.50	ng		100
18) 2,4,6-Trichlorophenol	12.56	196	809	0.46	ng	#	97
19) 2,4,5-Trichlorophenol	12.64	196	927	0.46	ng		93
21) 2,4-Dinitrophenol	14.29	184	99	0.31	ng	#	54
22) 4-Nitrophenol	14.41	139	158	0.15	ng		91
24) 4,6-Dinitro-2-methylphenol	15.29	198	268	0.34	ng	#	67
25) Hexachlorobenzene	16.21	284	1611	0.49	ng		99
26) Pentachlorophenol	16.56	266	267	0.37	ng		94

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

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Acq On : 06 May 2015 23:04
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
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SSTDICC0.5

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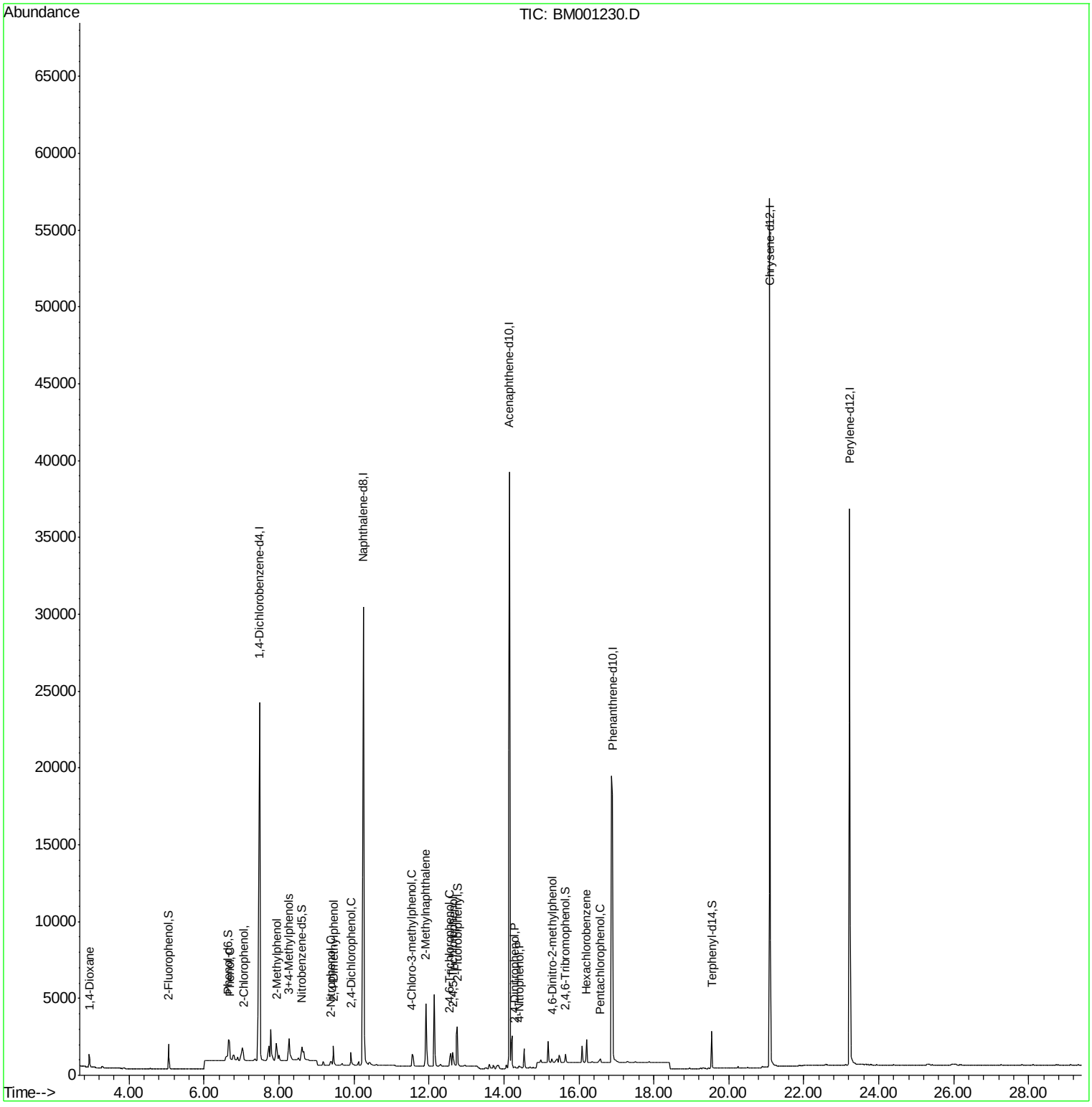
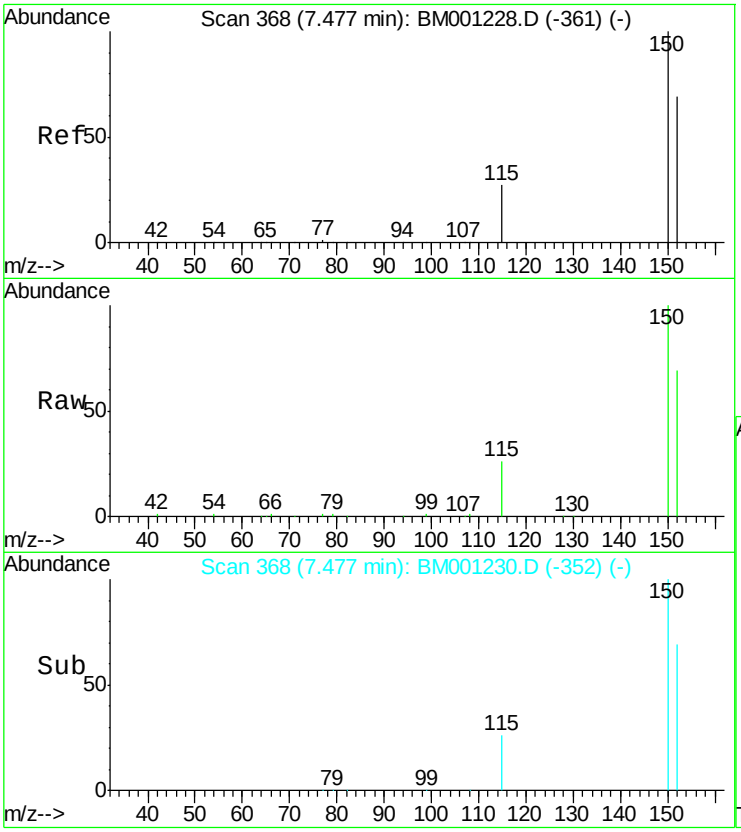


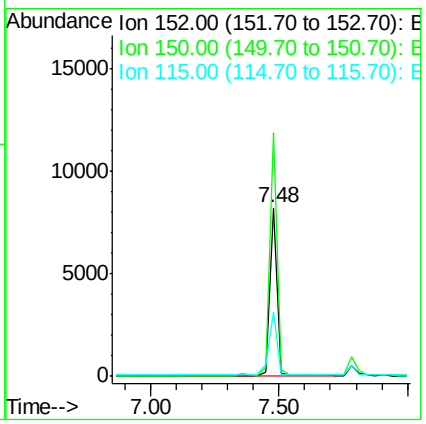


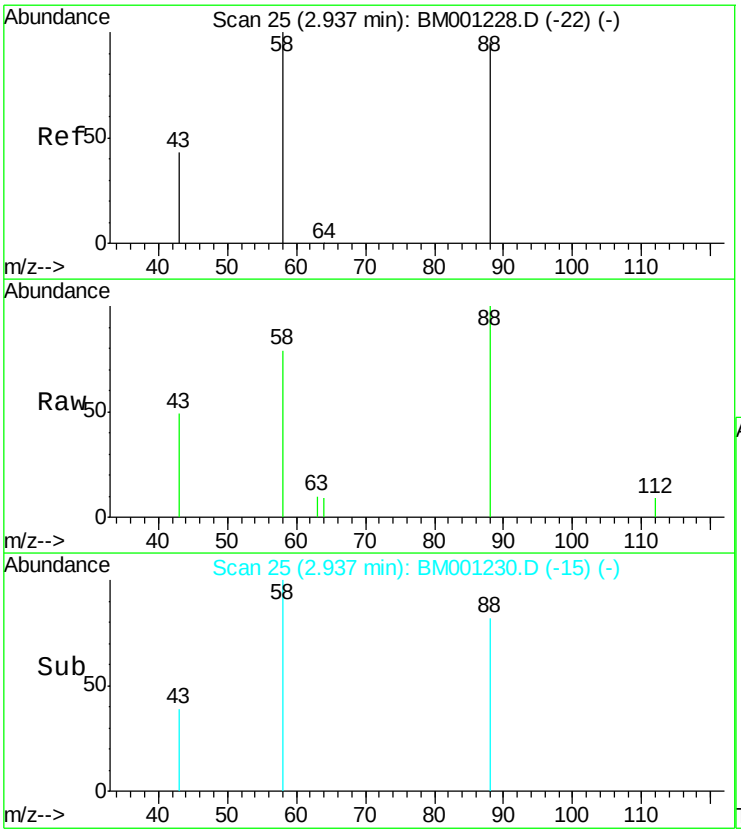
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 368
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 15619

Ion	Ratio	Lower	Upper
152	100		
150	144.3	116.3	174.5
115	38.0	31.9	47.9

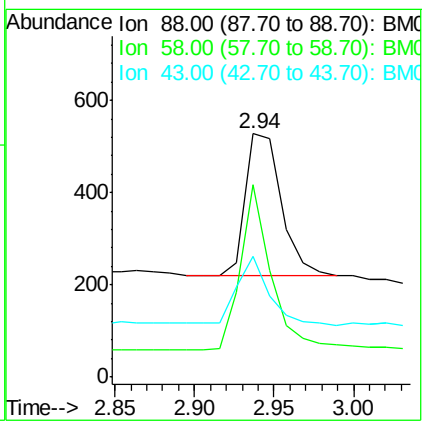


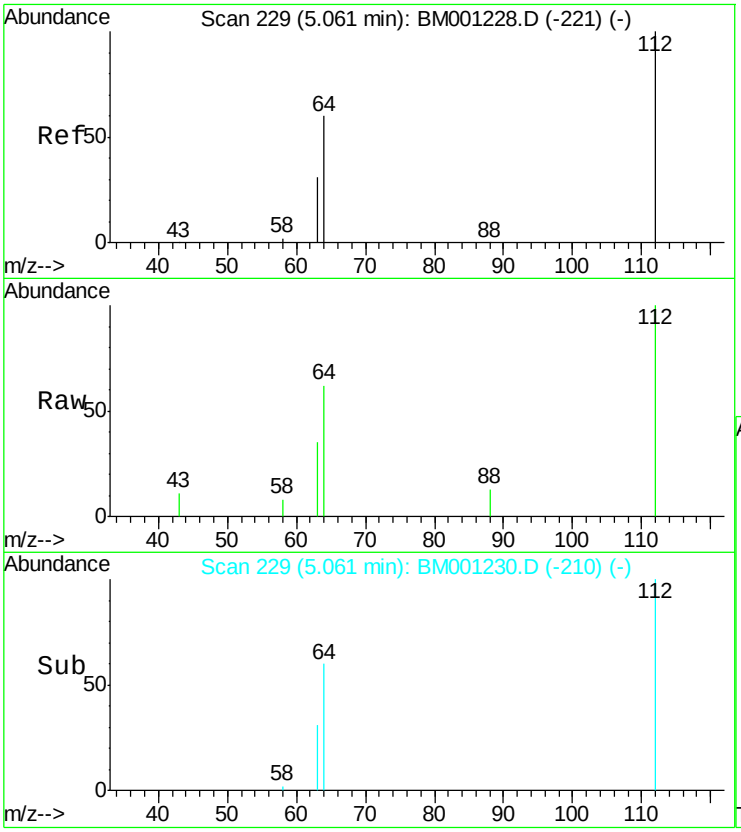


#2
1,4-Dioxane
Concen: 0.47 ng
RT: 2.94 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion: 88 Resp: 480

Ion	Ratio	Lower	Upper
88	100		
58	100.2	75.5	113.3
43	43.5	32.7	49.1



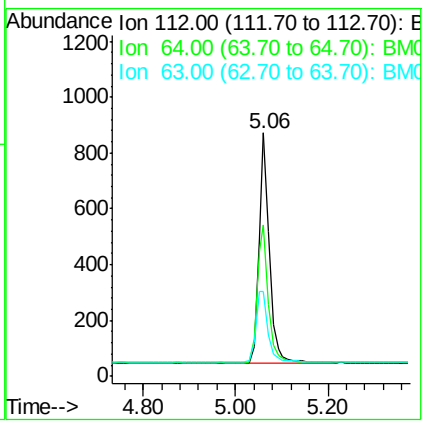


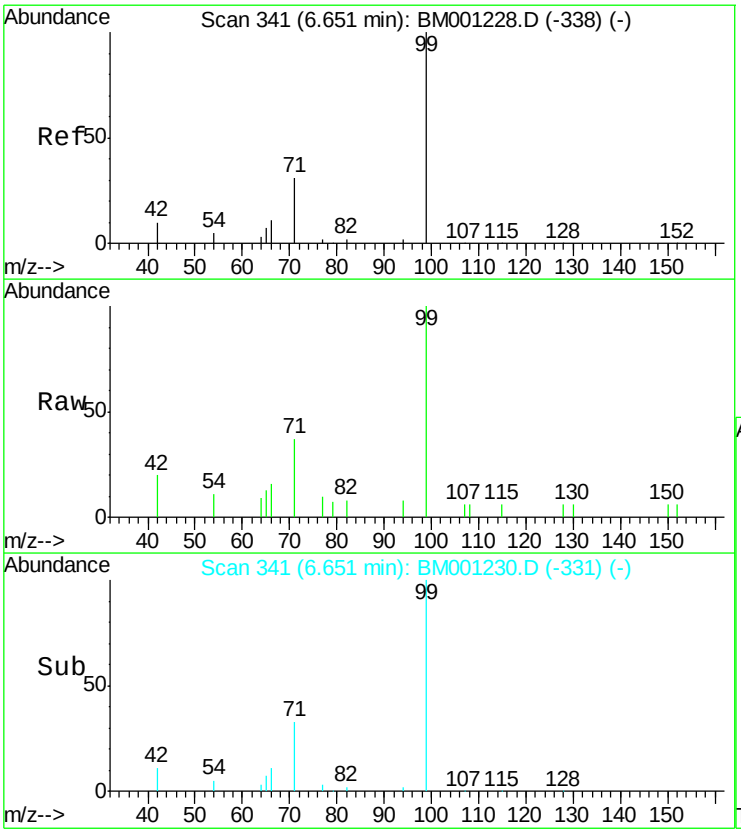
#3
2-Fluorophenol
Concen: 0.51 ng
RT: 5.06 min Scan# 229
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:112 Resp: 1300

Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.3	73.9
63	35.1	26.2	39.4

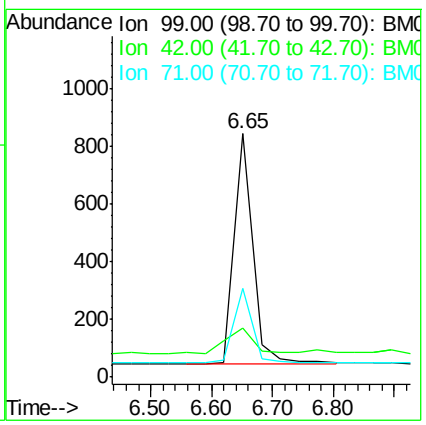


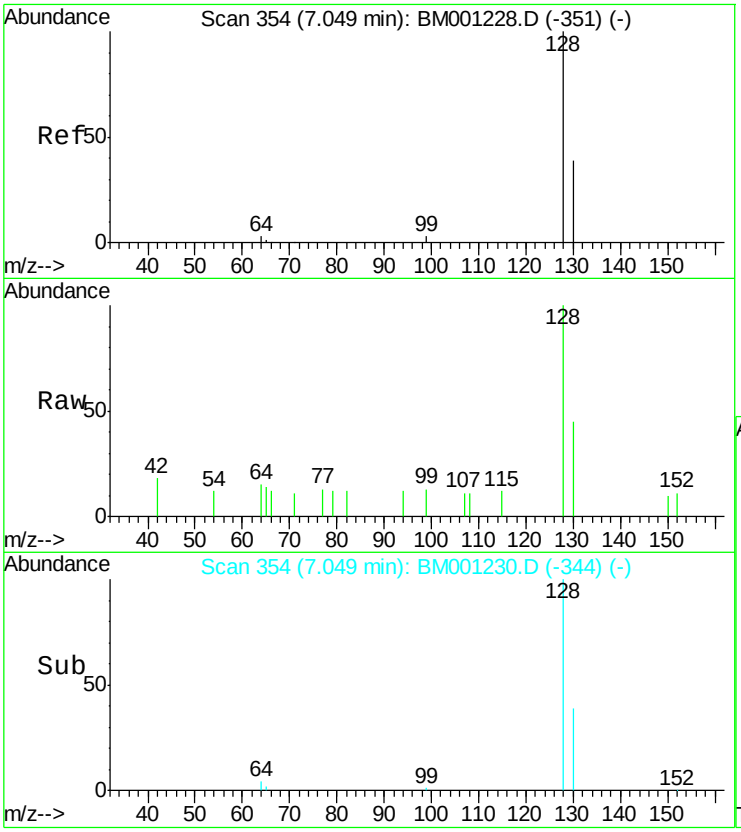


#4
Phenol-d6
Concen: 0.48 ng
RT: 6.65 min Scan# 341
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion: 99 Resp: 1659

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.1	18.1#
71	36.7	26.4	39.6



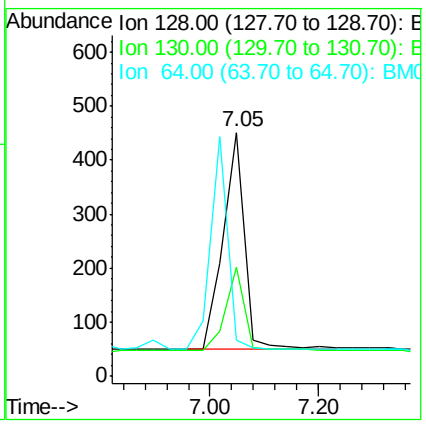


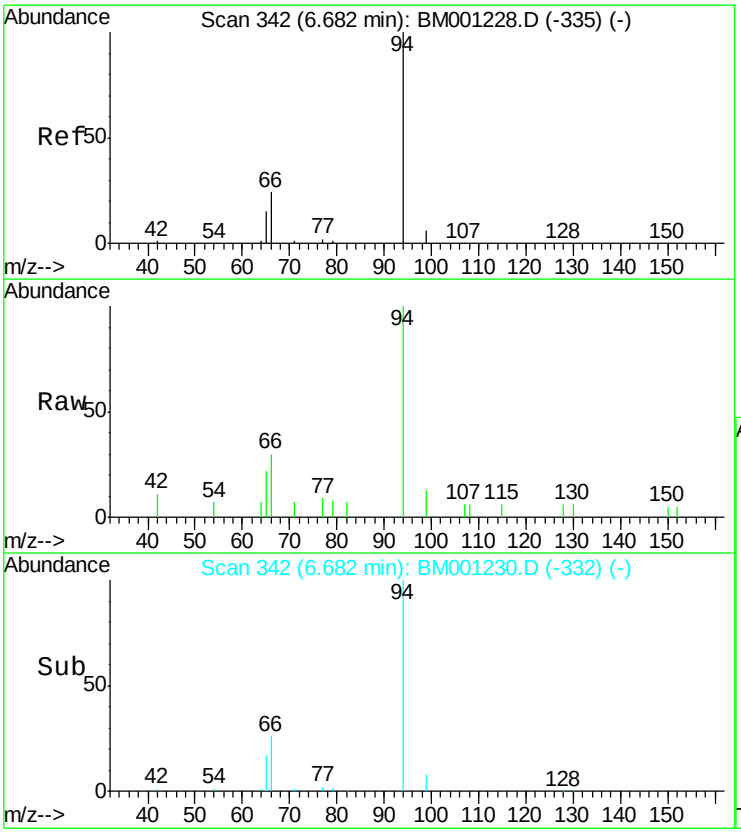
#5
2-Chlorophenol
Concen: 0.49 ng
RT: 7.05 min Scan# 354
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:128 Resp: 1083

Ion	Ratio	Lower	Upper
128	100		
130	44.6	22.2	62.2
64	14.6	0.0	28.7

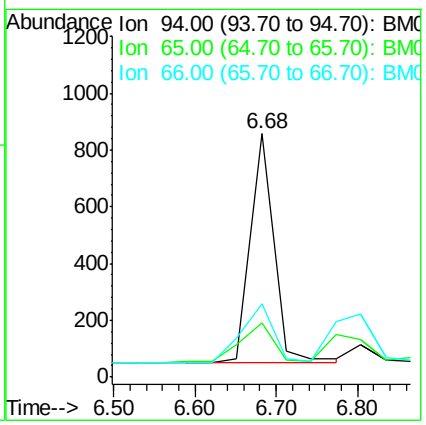


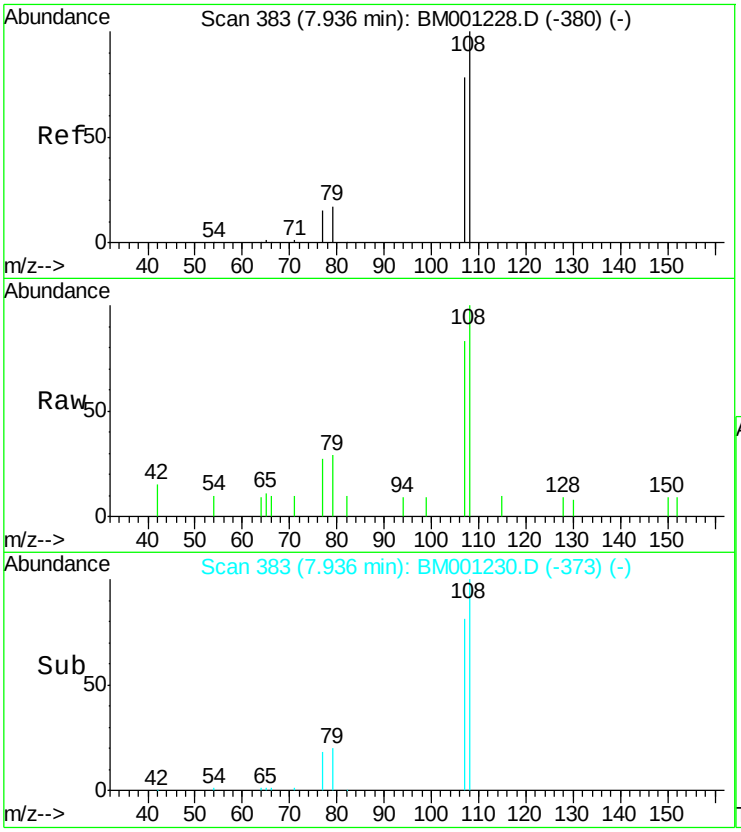


#6
Phenol
Concen: 0.47 ng
RT: 6.68 min Scan# 342
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion: 94 Resp: 1641

Ion	Ratio	Lower	Upper
94	100		
65	22.1	0.0	37.7
66	30.3	6.3	46.3



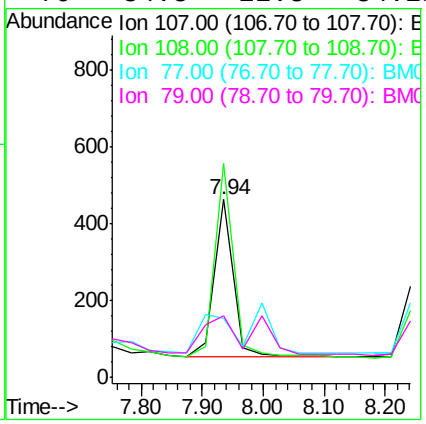


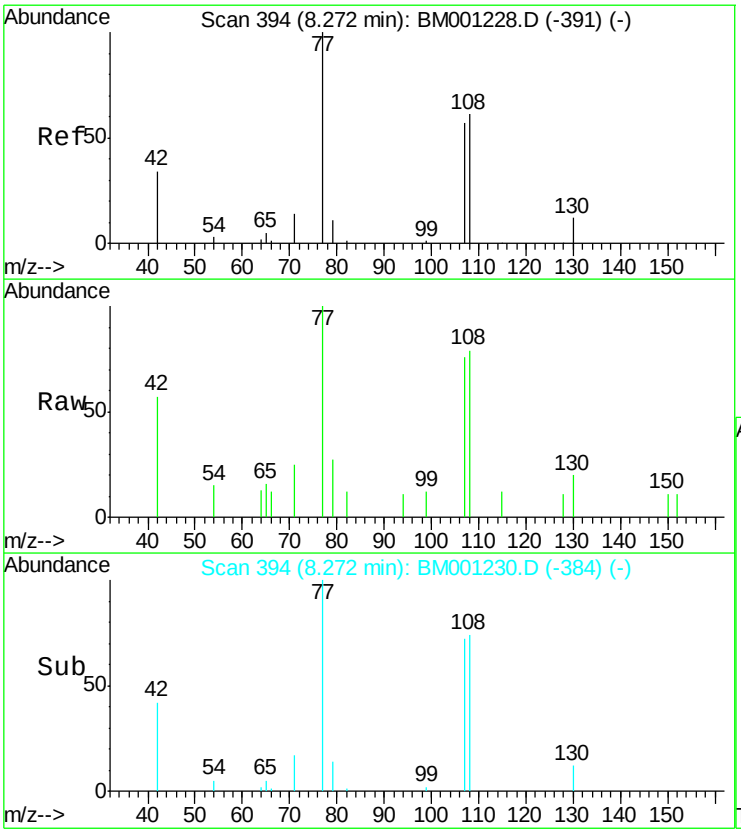
#7
2-Methylphenol
Concen: 0.49 ng
RT: 7.94 min Scan# 383
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:107 Resp: 894

Ion	Ratio	Lower	Upper
107	100		
108	120.3	100.9	151.3
77	32.9	20.3	30.5#
79	34.8	22.8	34.2#

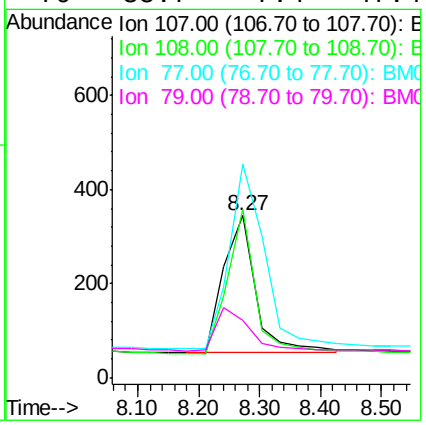


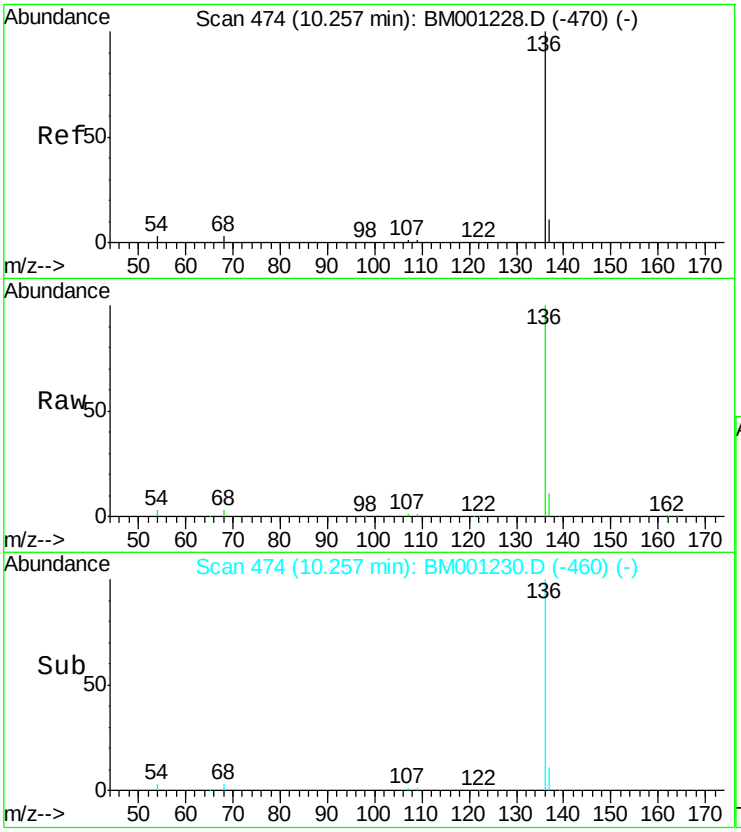


#8
3+4-Methylphenols
Concen: 0.45 ng
RT: 8.27 min Scan# 394
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:107 Resp: 1064

Ion	Ratio	Lower	Upper
107	100		
108	103.8	86.3	126.3
77	131.6	151.7	191.7#
79	35.7	7.4	47.4



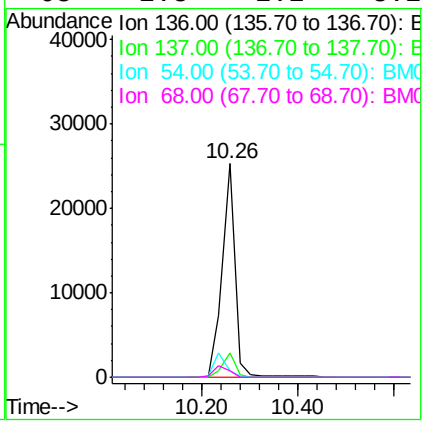


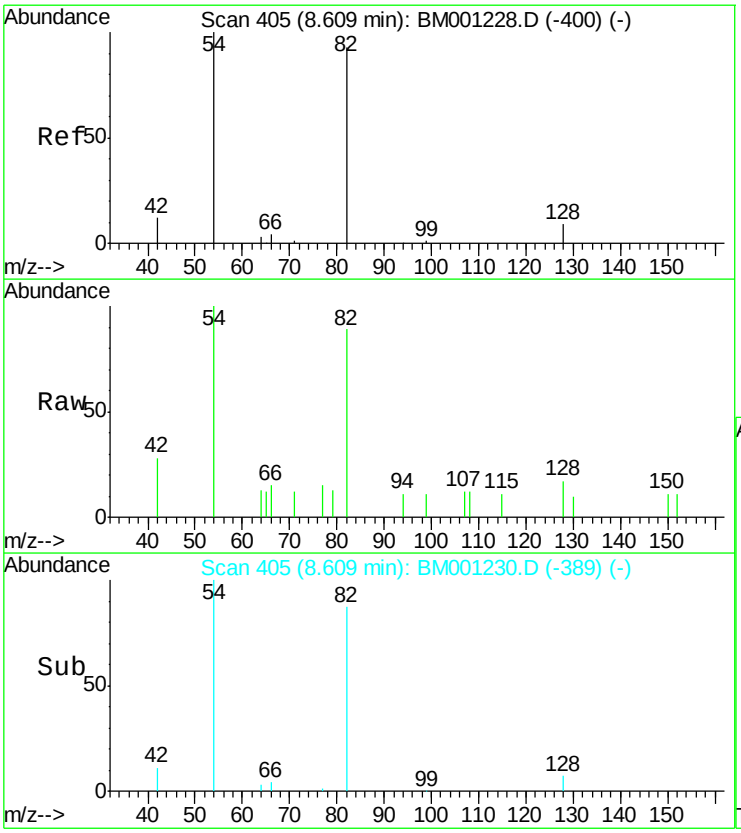
#9
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 474
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 46262

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	3.2	2.6	3.8
68	2.8	2.2	3.2

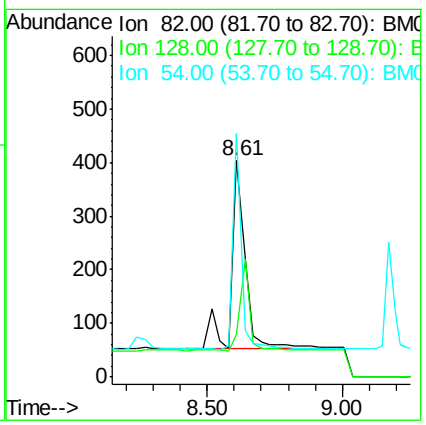


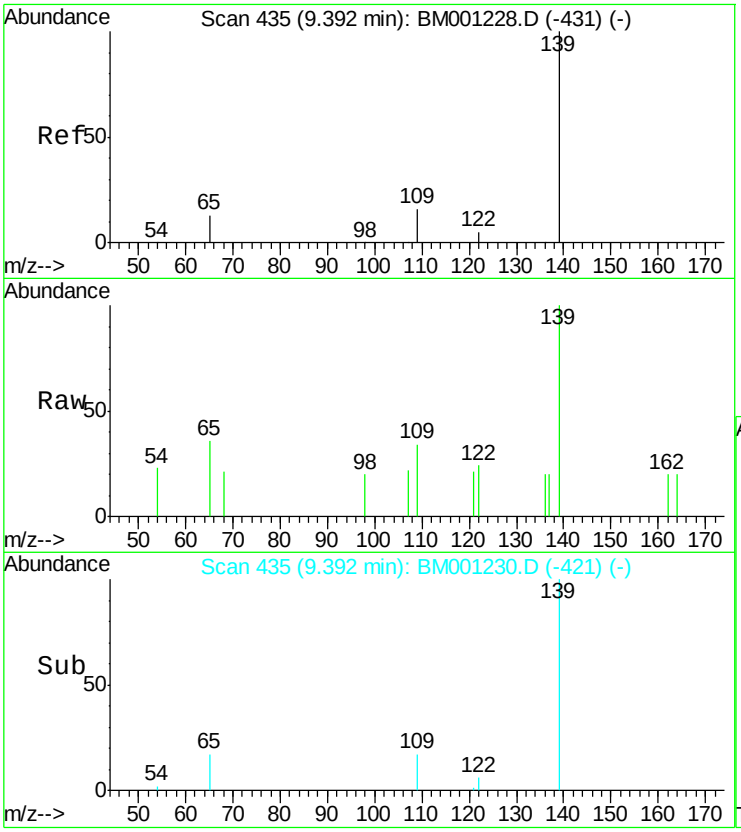


#10
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.61 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion: 82 Resp: 1290

Ion	Ratio	Lower	Upper
82	100		
128	0.0	0.0	0.0
54	68.4	59.0	88.6



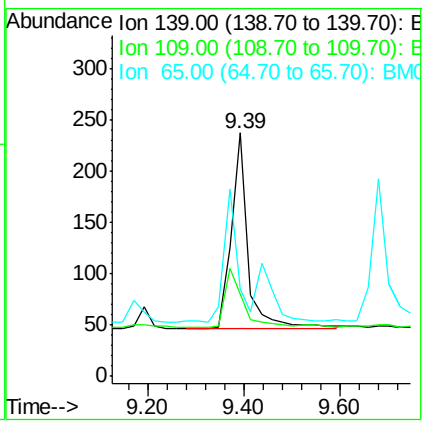


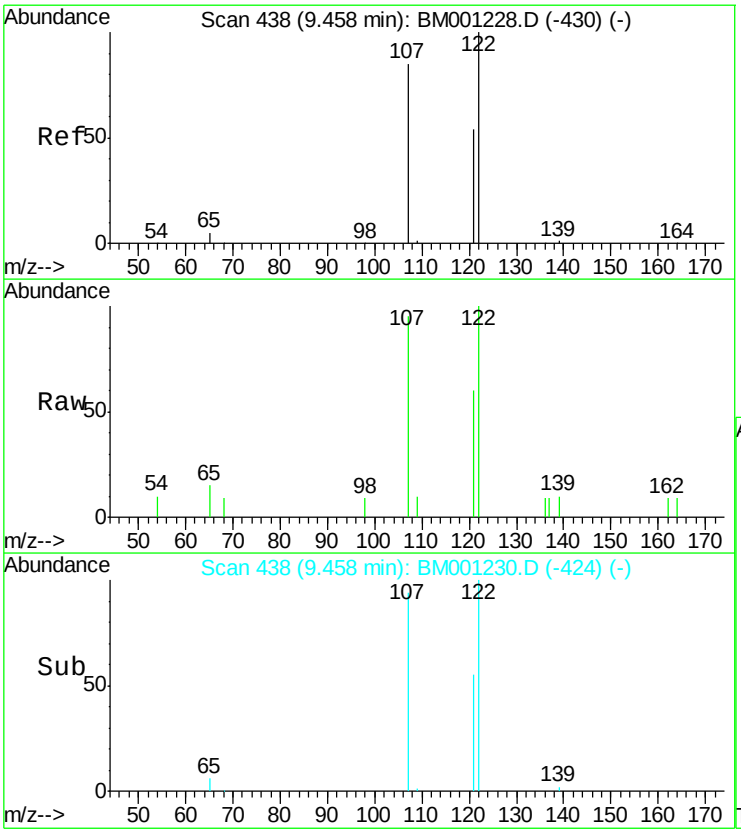
#11
2-Nitrophenol
Concen: 0.45 ng
RT: 9.39 min Scan# 435
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:139 Resp: 462

Ion	Ratio	Lower	Upper
139	100		
109	34.0	19.5	29.3#
65	35.7	18.6	28.0#

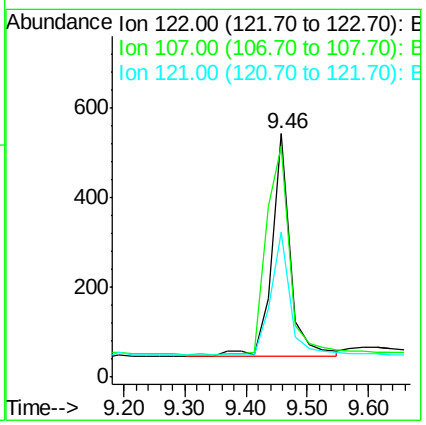


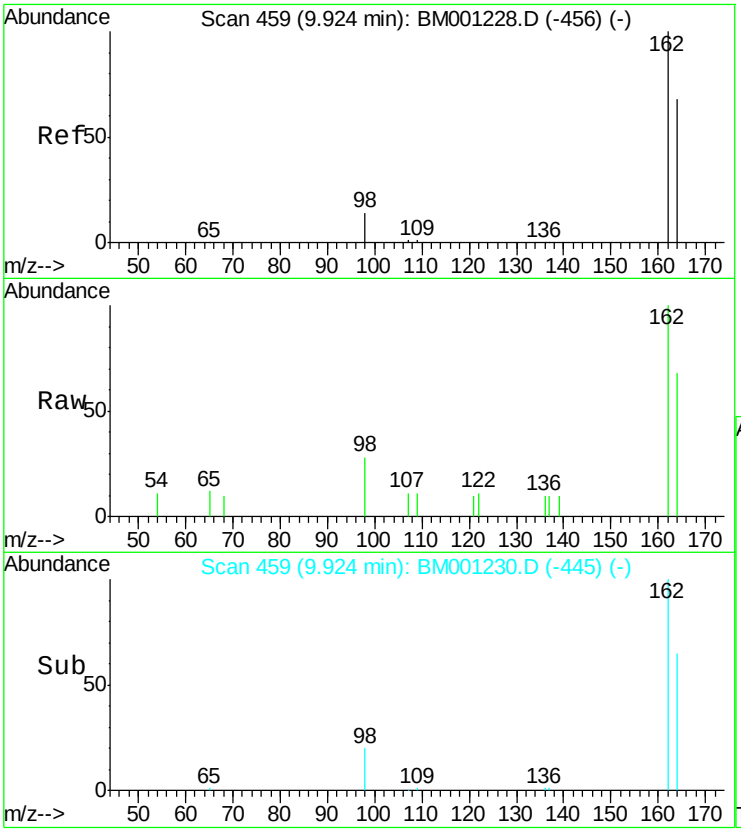


#12
2,4-Dimethylphenol
Concen: 0.46 ng
RT: 9.46 min Scan# 438
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:122 Resp: 1033

Ion	Ratio	Lower	Upper
122	100		
107	95.0	68.6	102.8
121	59.9	44.8	67.2



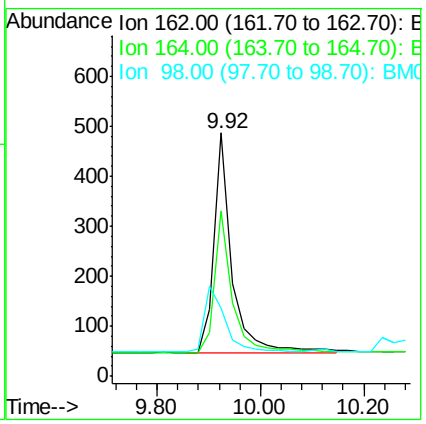


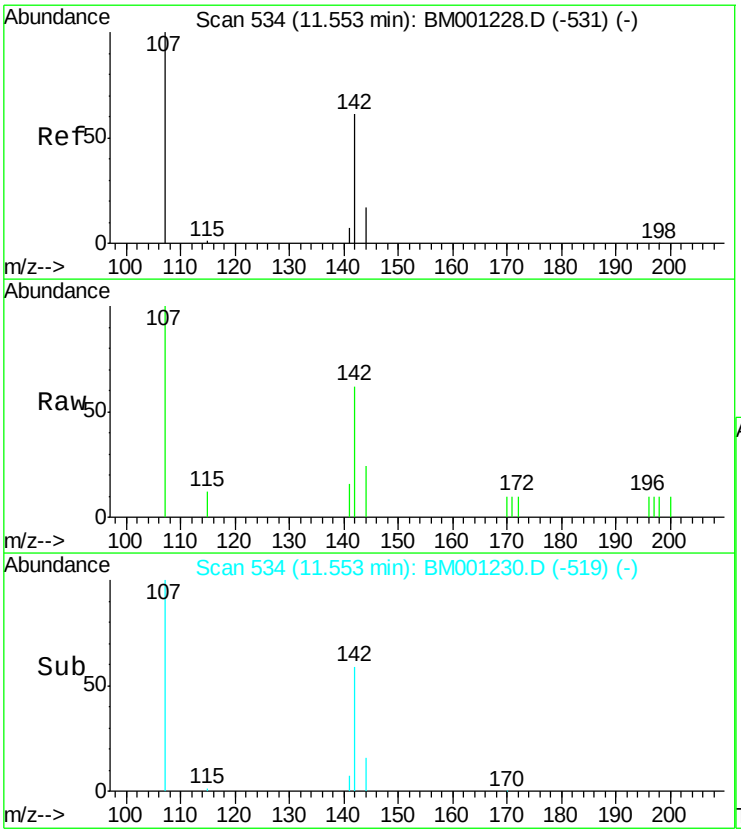
#13
2,4-Dichlorophenol
Concen: 0.47 ng
RT: 9.92 min Scan# 459
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:162 Resp: 1061

Ion	Ratio	Lower	Upper
162	100		
164	68.0	49.2	89.2
98	27.7	0.0	37.4

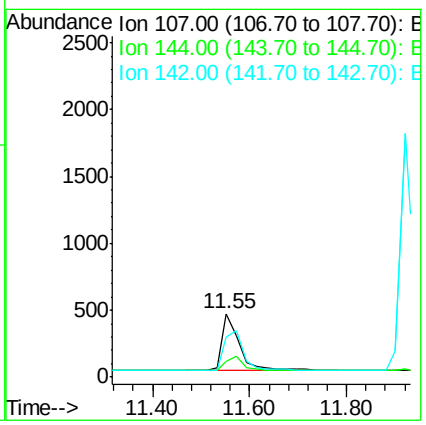


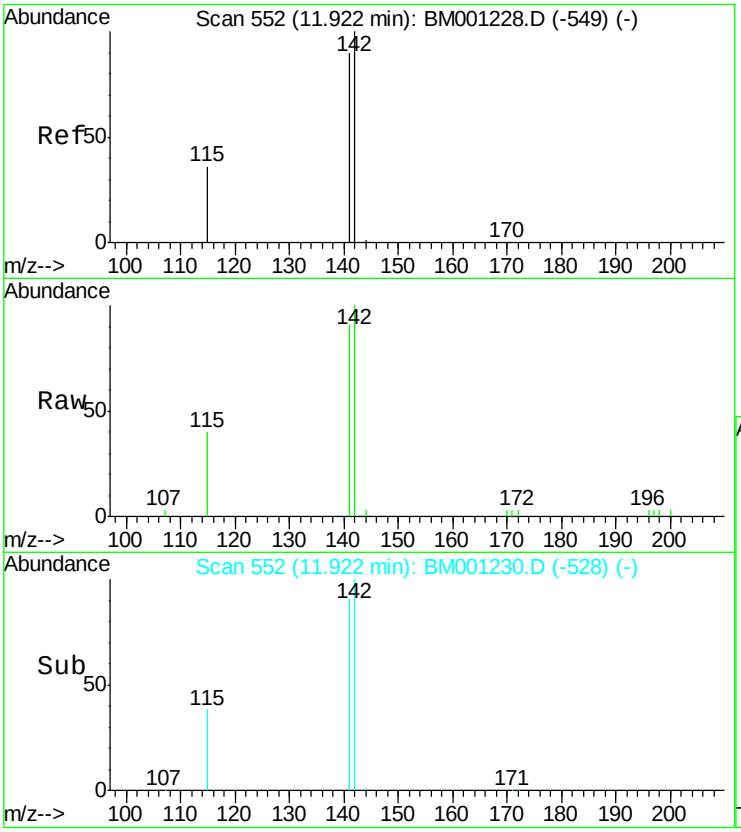


#14
4-Chloro-3-methylphenol
Concen: 0.45 ng
RT: 11.55 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:107 Resp: 1074

Ion	Ratio	Lower	Upper
107	100		
144	23.8	16.2	24.2
142	62.4	49.8	74.6



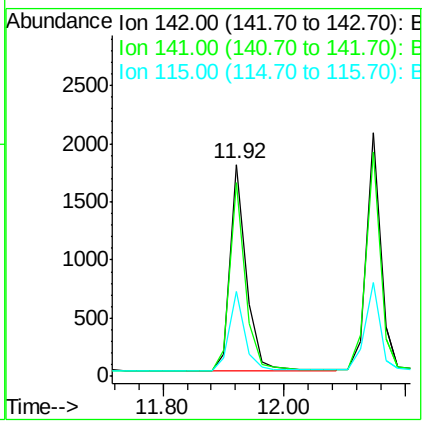


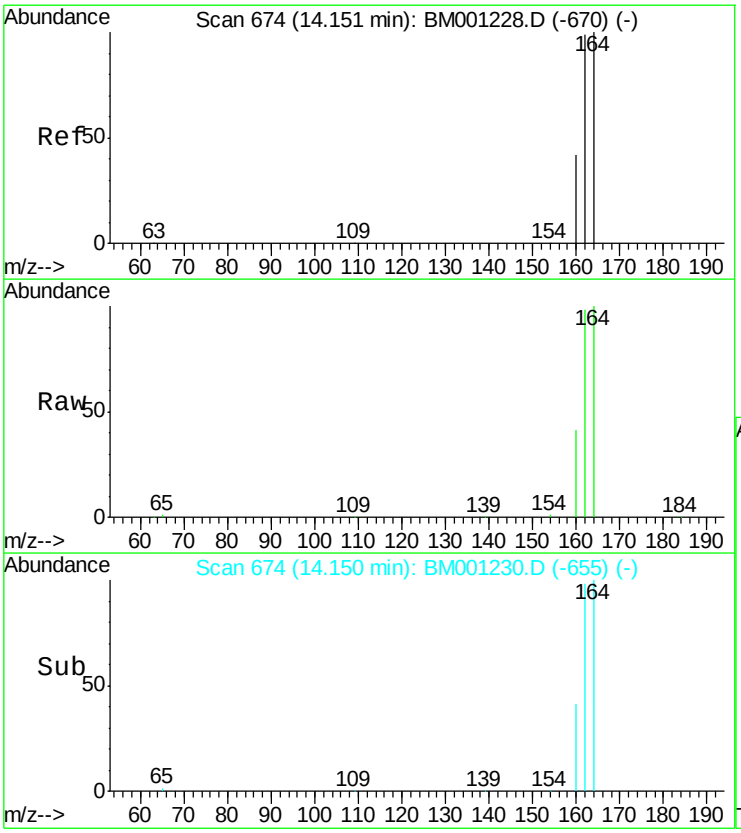
#15
2-Methylnaphthalene
Concen: 0.50 ng
RT: 11.92 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:142 Resp: 3272

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.0
115	36.8	29.3	43.9

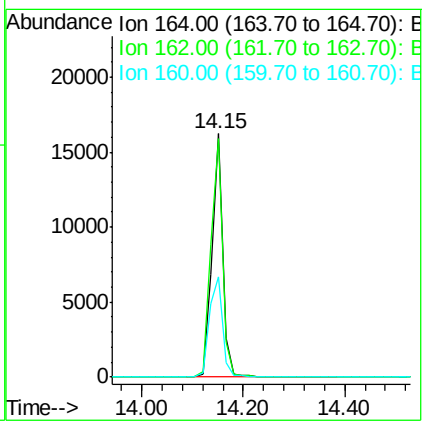


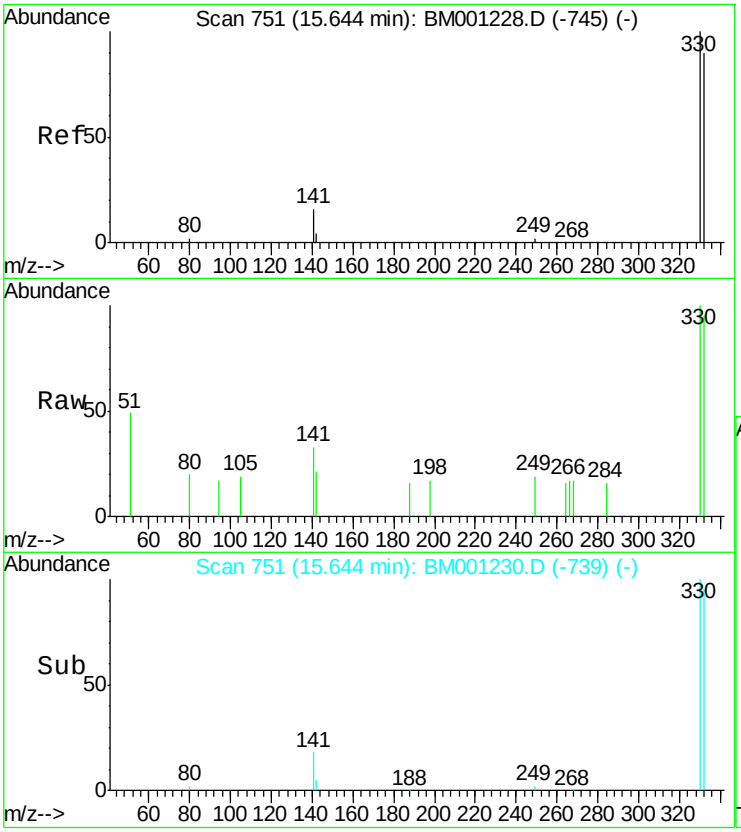


#16
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.15 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:164 Resp: 24165

Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.2	118.8
160	41.0	33.7	50.5



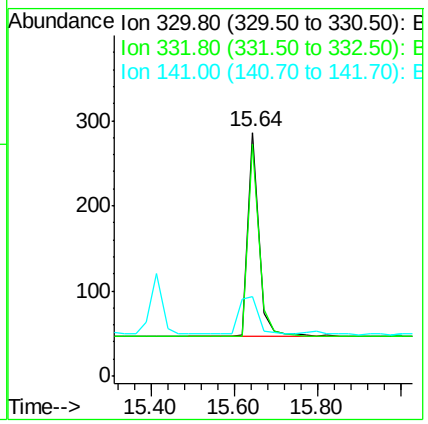


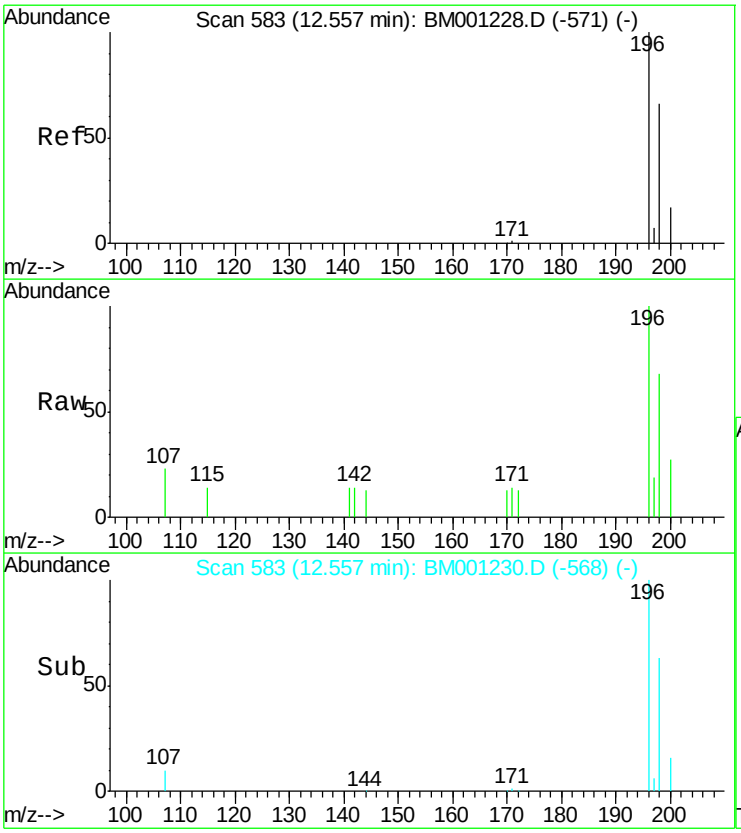
#17
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.64 min Scan# 751
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:330 Resp: 446

Ion	Ratio	Lower	Upper
330	100		
332	93.5	74.0	111.0
141	31.6	24.1	36.1

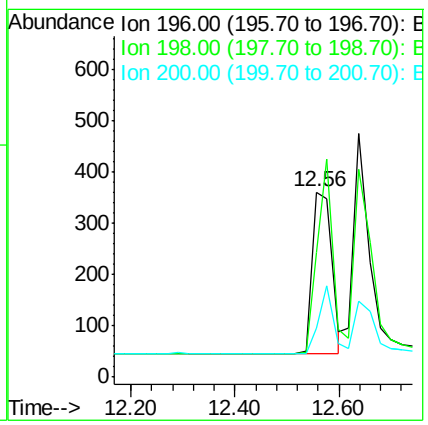


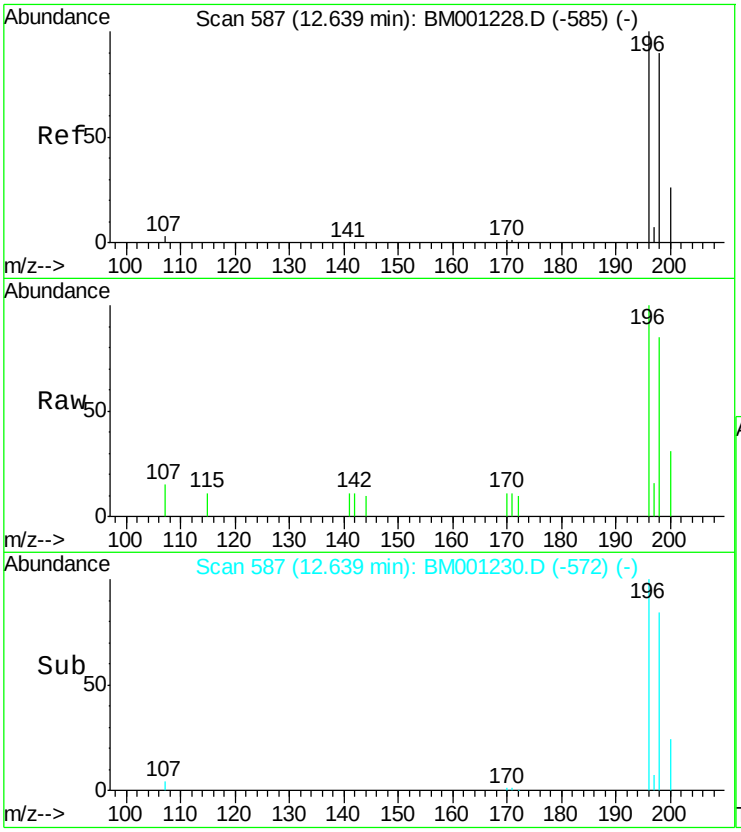


#18
2,4,6-Trichlorophenol
Concen: 0.46 ng
RT: 12.56 min Scan# 583
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:196 Resp: 809

Ion	Ratio	Lower	Upper
196	100		
198	67.8	54.2	81.2
200	26.7	17.1	25.7#



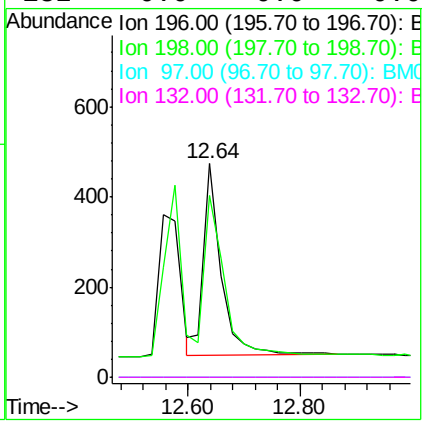


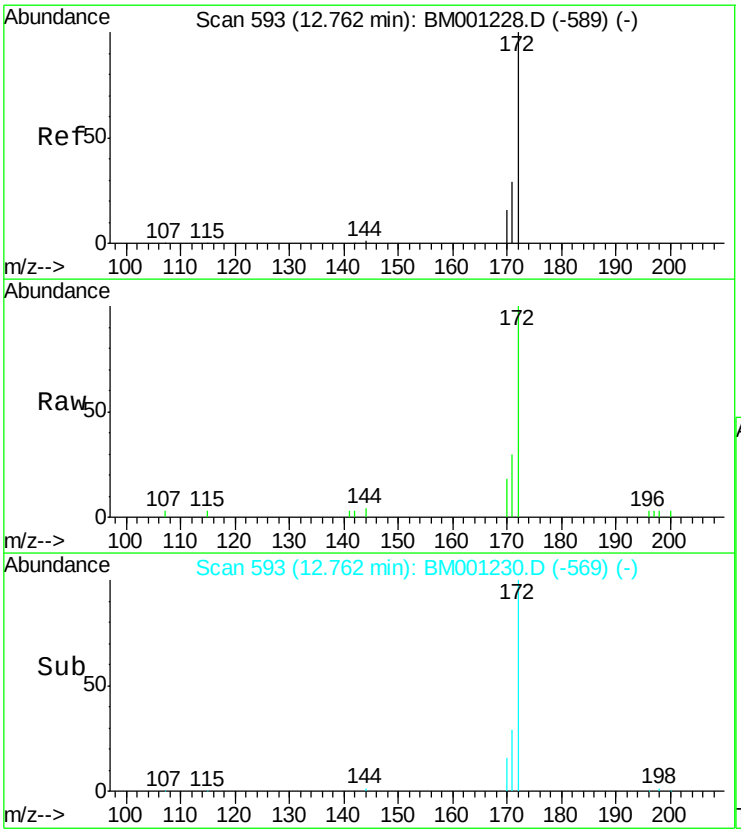
#19
2,4,5-Trichlorophenol
Concen: 0.46 ng
RT: 12.64 min Scan# 587
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:196 Resp: 927

Ion	Ratio	Lower	Upper
196	100		
198	85.2	73.6	110.4
97	0.0	0.0	0.0
132	0.0	0.0	0.0

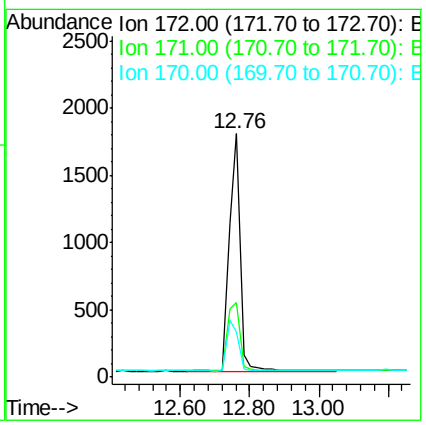


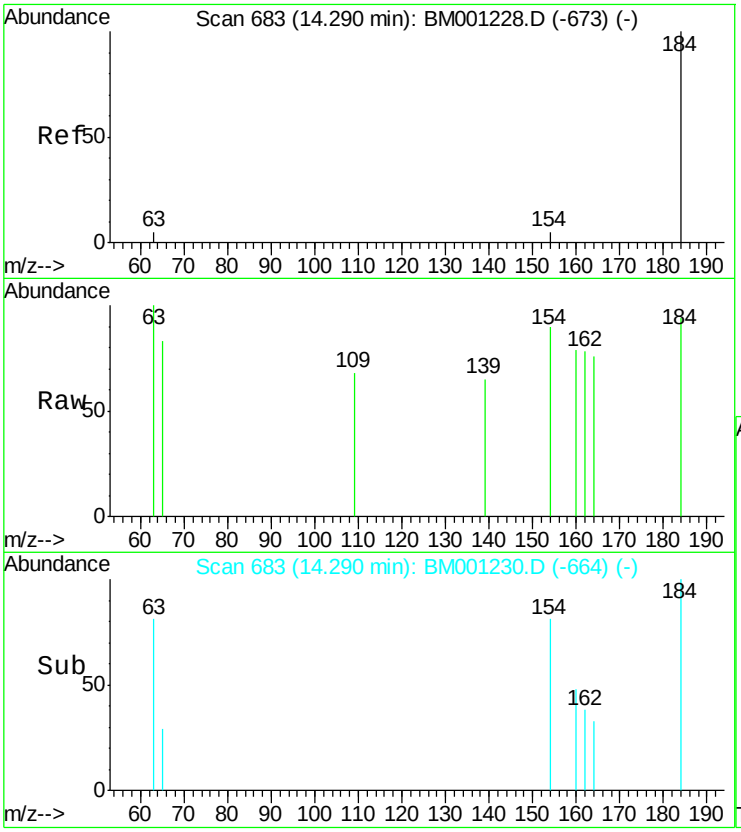


#20
2-Fluorobiphenyl
Concen: 0.51 ng
RT: 12.76 min Scan# 593
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:172 Resp: 3828

Ion	Ratio	Lower	Upper
172	100		
171	33.3	0.0	0.0#
170	0.0	0.0	0.0



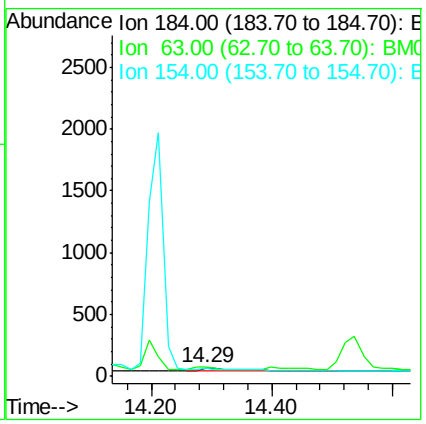


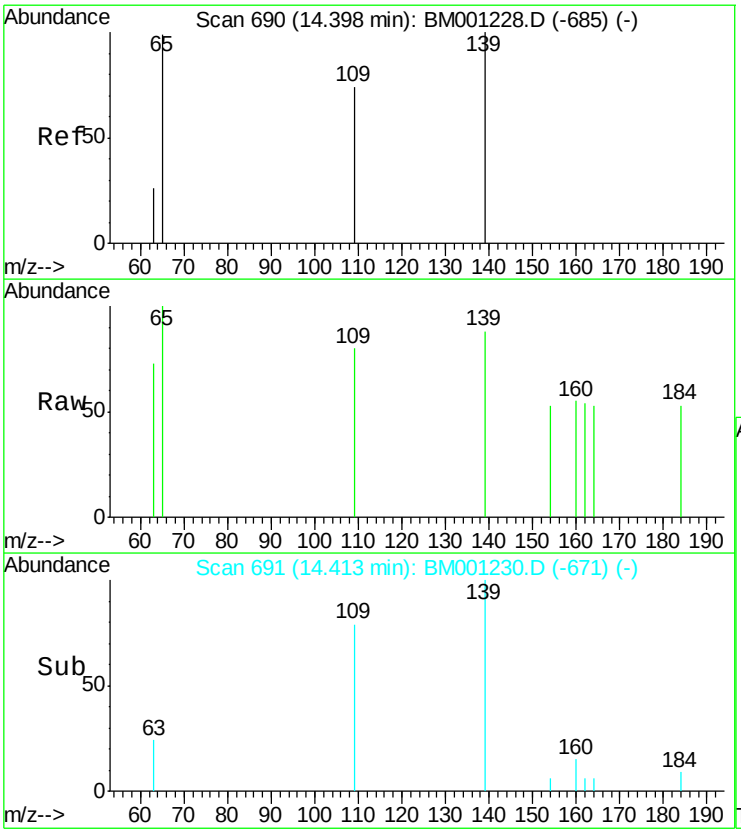
#21
2,4-Dinitrophenol
Concen: 0.31 ng
RT: 14.29 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:184 Resp: 99

Ion	Ratio	Lower	Upper
184	100		
63	105.9	52.0	78.0#
154	95.6	51.4	77.2#

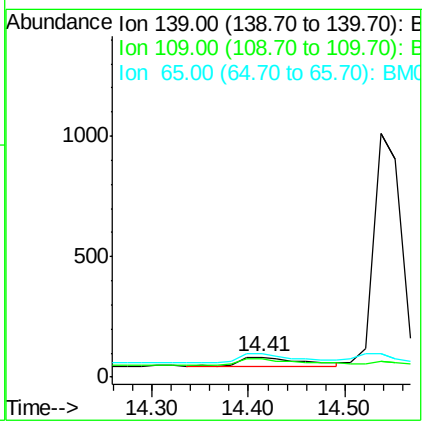


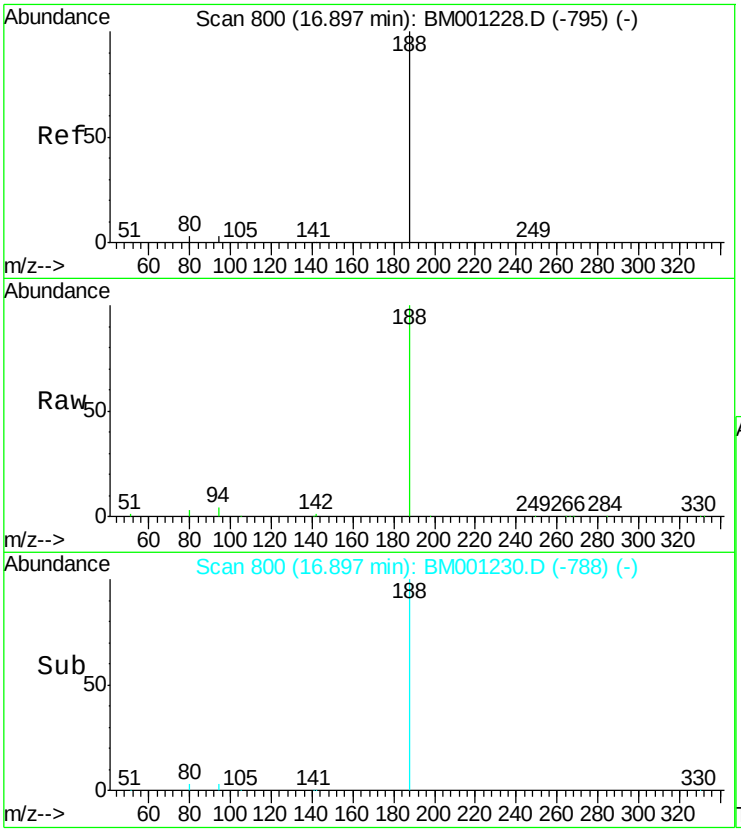


#22
4-Nitrophenol
Concen: 0.15 ng
RT: 14.41 min Scan# 691
Delta R.T. 0.02 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:139 Resp: 158

Ion	Ratio	Lower	Upper
139	100		
109	90.5	60.0	100.0
65	113.1	85.7	125.7



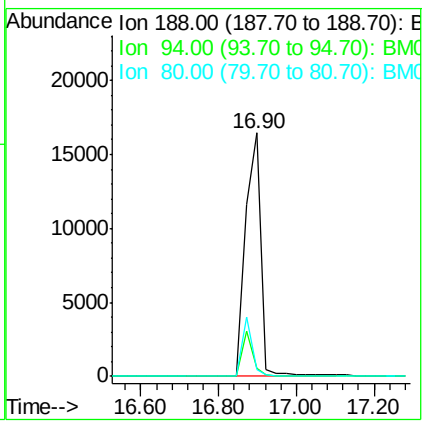


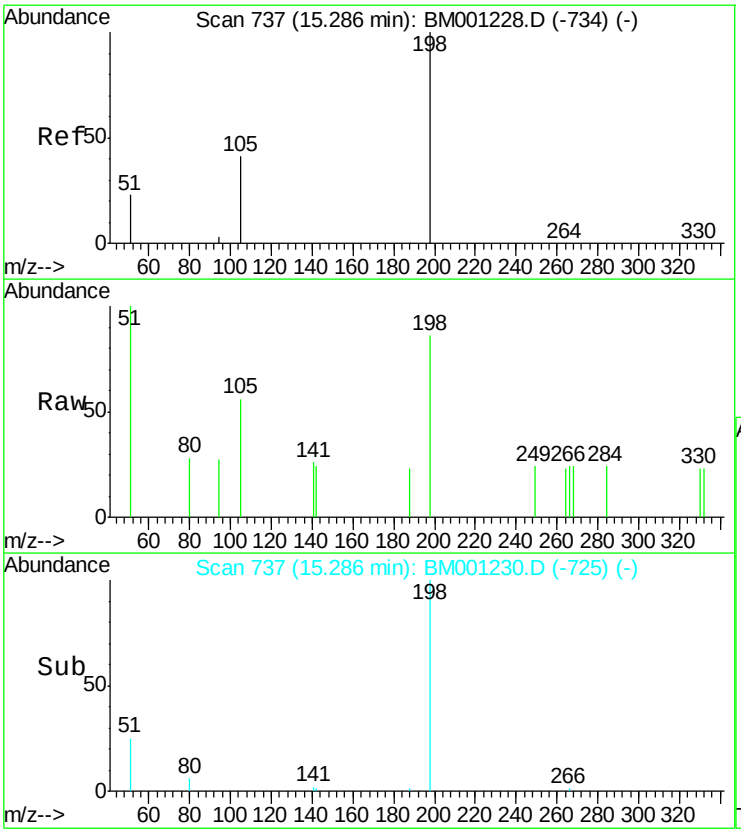
#23
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.90 min Scan# 800
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 44533

Ion	Ratio	Lower	Upper
188	100		
94	3.5	2.9	4.3
80	3.0	2.5	3.7

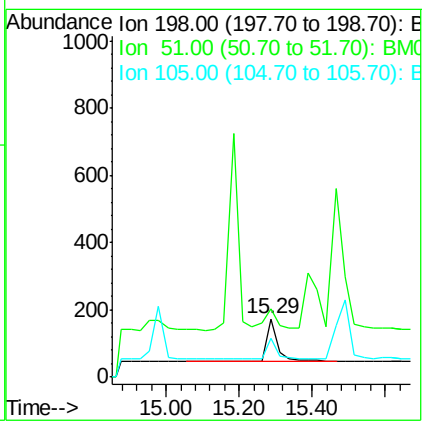


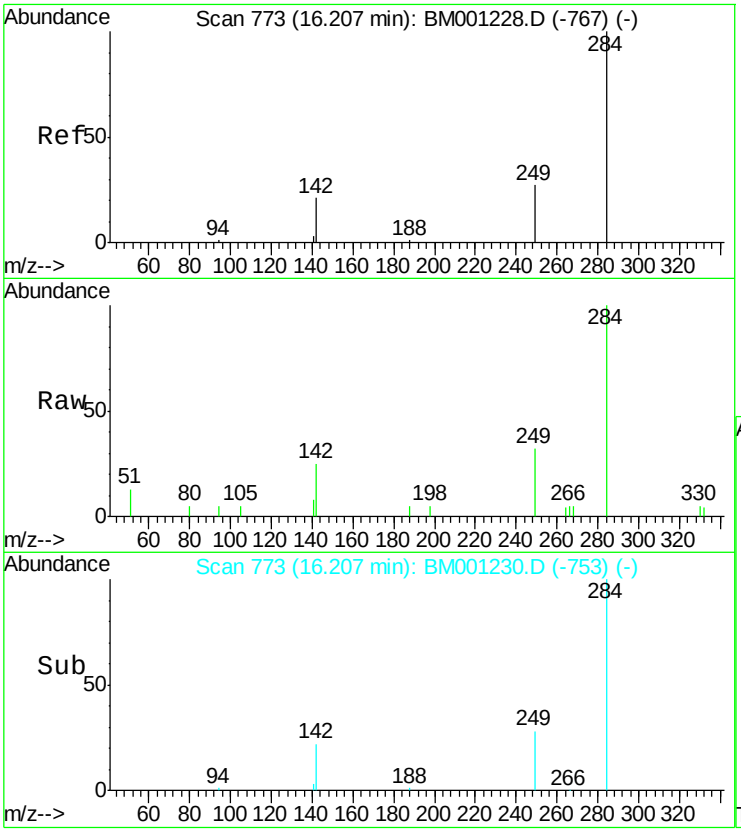


#24
4,6-Dinitro-2-methylphenol
Concen: 0.34 ng
RT: 15.29 min Scan# 737
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:198 Resp: 268

Ion	Ratio	Lower	Upper
198	100		
51	116.1	60.8	100.8#
105	65.5	30.0	70.0



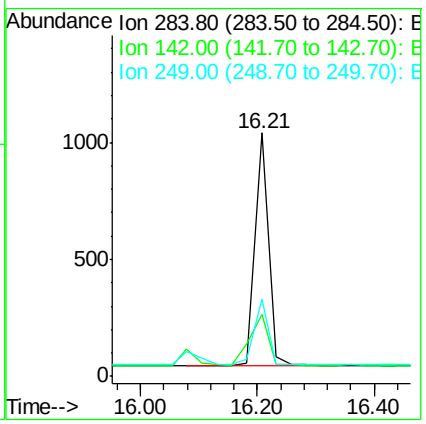


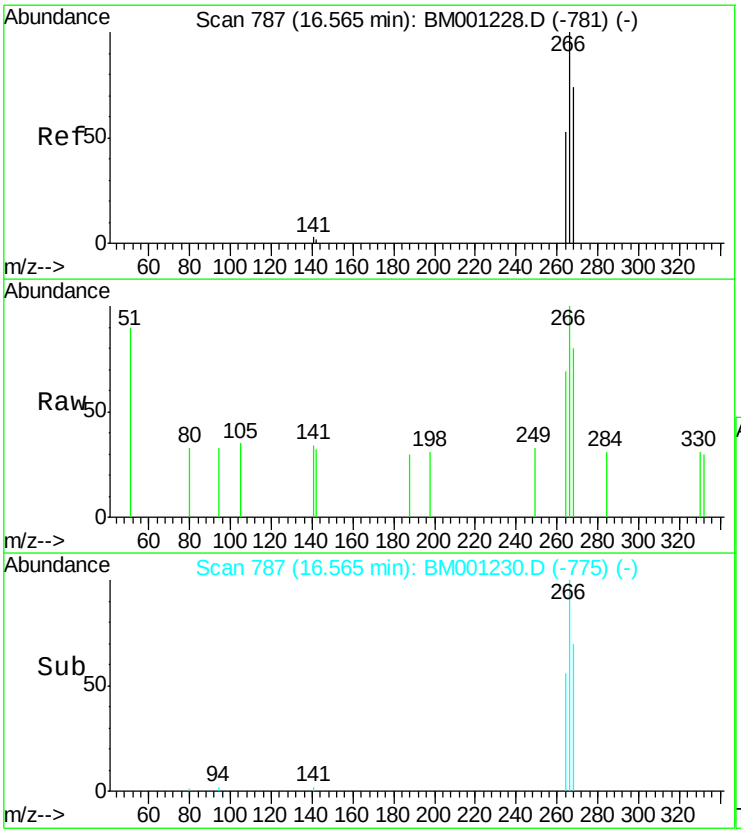
#25
Hexachlorobenzene
Concen: 0.49 ng
RT: 16.21 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:284 Resp: 1611

Ion	Ratio	Lower	Upper
284	100		
142	29.2	23.3	34.9
249	29.6	23.3	34.9

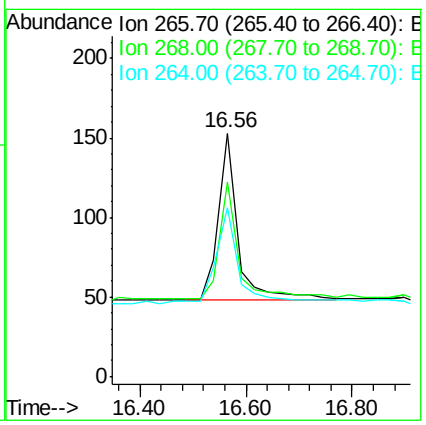


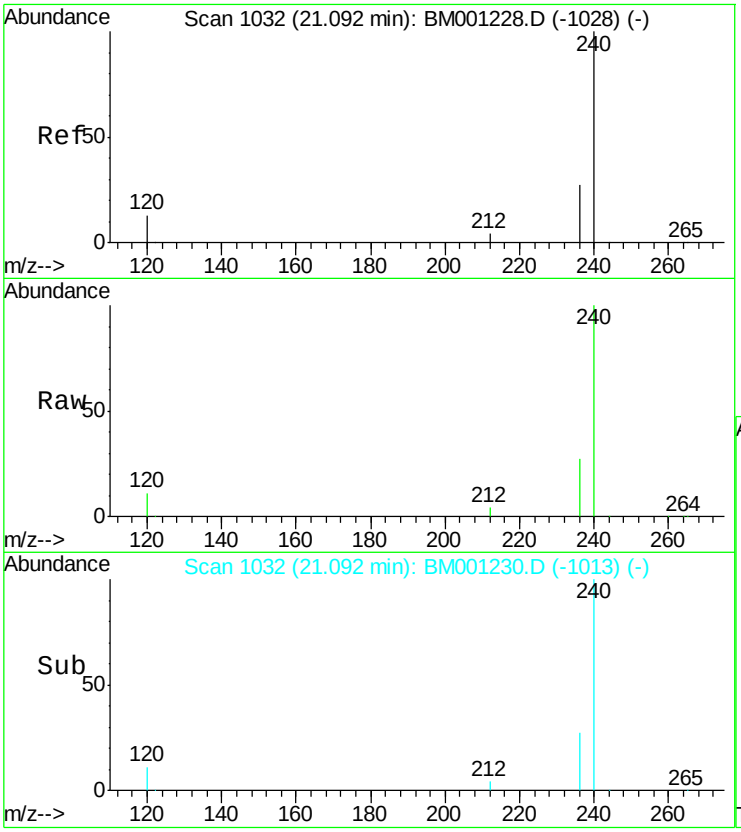


#26
Pentachlorophenol
Concen: 0.37 ng
RT: 16.56 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:266 Resp: 267

Ion	Ratio	Lower	Upper
266	100		
268	79.7	62.6	94.0
264	69.3	47.9	71.9



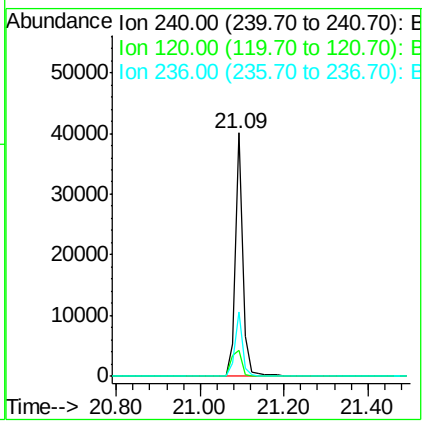


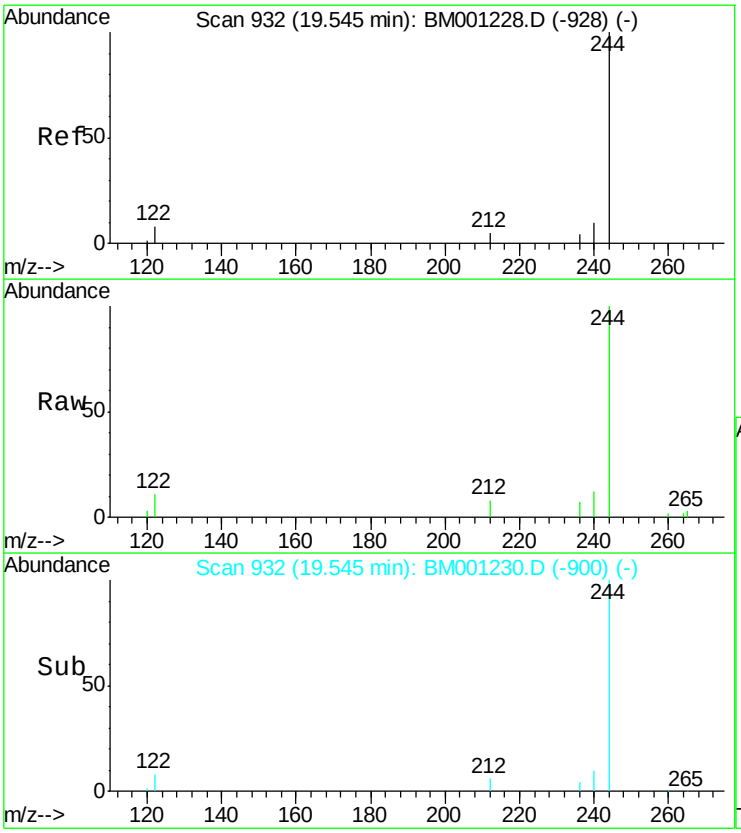
#27
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:240 Resp: 50149

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.4	15.6
236	26.7	22.0	33.0

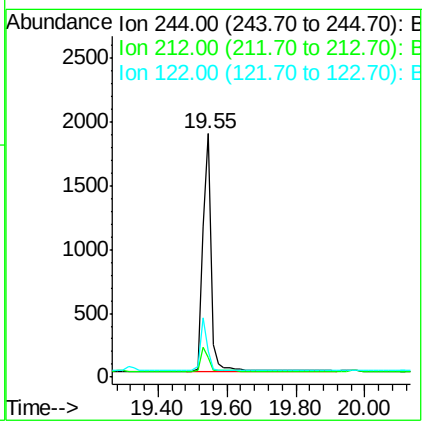


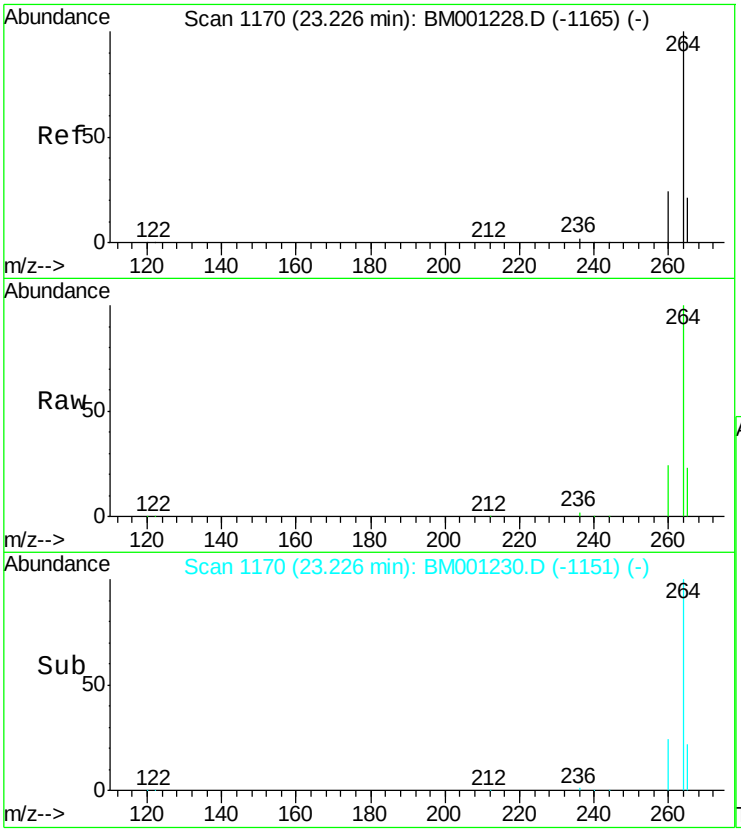


#28
Terphenyl-d14
Concen: 0.00 ng
RT: 19.55 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Tgt Ion:244 Resp: 3205

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	18.9	14.8	22.2





#29
Perylene-d12
Concen: 5.00 ng
RT: 23.23 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BM001230.D
Acq: 06 May 2015 23:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 45469

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.5	17.4	26.2