Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
Data File : BM001226.D
Acq On : 06 May 2015 20:41
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: May 07 06:39:31 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	18530	5.00	ng		0.00
9) Naphthalene-d8	10.26	136	54893	5.00	ng		0.00
16) Acenaphthene-d10	14.15	164	29917	5.00	ng		0.00
23) Phenanthrene-d10	16.90	188	52551	5.00	ng		0.00
27) Chrysene-d12	21.09	240	60514	5.00	ng		0.00
29) Perylene-d12	23.23	264	55611	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	15551	5.14	ng		0.00
4) Phenol-d6	6.65	99	23696	5.79	ng		0.00
10) Nitrobenzene-d5	8.61	82	18476	5.91	ng		0.00
17) 2,4,6-Tribromophenol	15.64	330	7846	6.30	ng		0.00
20) 2-Fluorobiphenyl	12.76	172	46440	4.98	ng		0.00
28) Terphenyl-d14	19.55	244	41599	0.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	5954	4.95	ng		98
5) 2-Chlorophenol	7.05	128	13748	5.22	ng		96
6) Phenol	6.68	94	22323	5.44	ng		88
7) 2-Methylphenol	7.94	107	11589	5.35	ng	#	93
8) 3+4-Methylphenols	8.24	107	17081	6.06	ng	#	38
11) 2-Nitrophenol	9.39	139	7474	6.08	ng	#	74
12) 2,4-Dimethylphenol	9.46	122	14931	5.64	ng		90
13) 2,4-Dichlorophenol	9.92	162	15574	5.78	ng		92
14) 4-Chloro-3-methylphenol	11.55	107	16647	5.94	ng		90
15) 2-Methylnaphthalene	11.92	142	40727	5.19	ng		99
18) 2,4,6-Trichlorophenol	12.56	196	12917	5.89	ng		98
19) 2,4,5-Trichlorophenol	12.64	196	14926	6.04	ng		88
21) 2,4-Dinitrophenol	14.27	184	3597	9.12	ng		96
22) 4-Nitrophenol	14.38	139	6727	5.29	ng		98
24) 4,6-Dinitro-2-methylphenol	15.29	198	7260	7.91	ng	#	54
25) Hexachlorobenzene	16.21	284	19749	5.10	ng		100
26) Pentachlorophenol	16.56	266	6008	6.99	ng		94

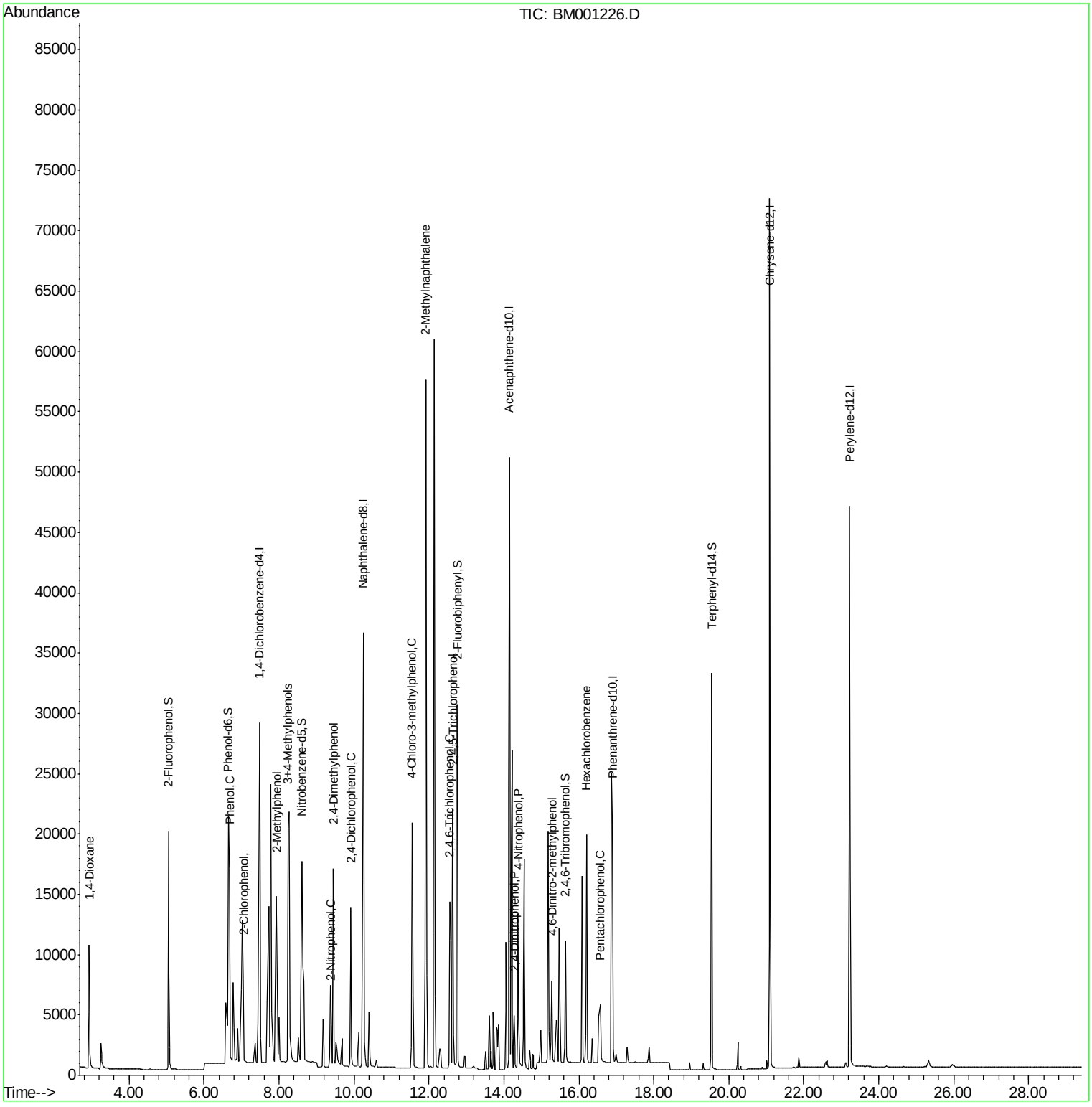
(#) = qualifier out of range (m) = manual integration (+) = signals summed

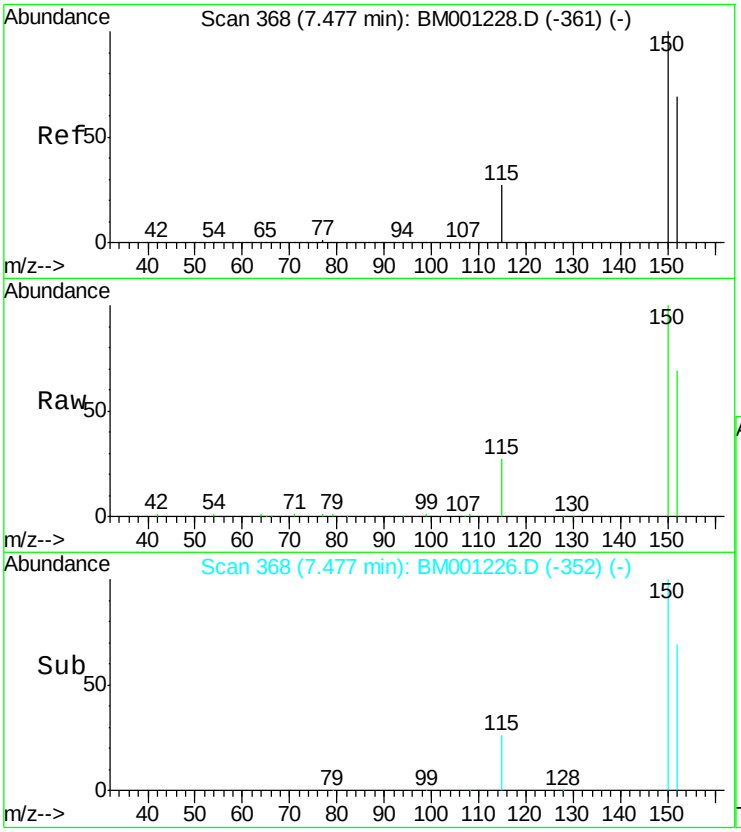
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
Data File : BM001226.D
Acq On : 06 May 2015 20:41
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: May 07 06:39:31 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



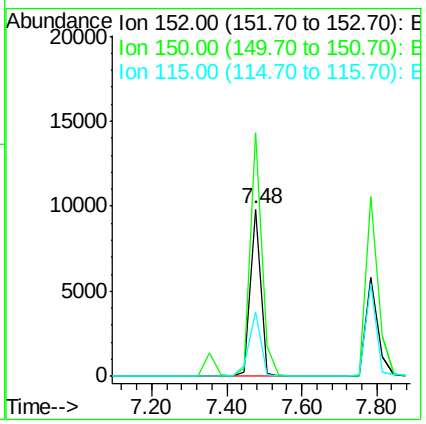


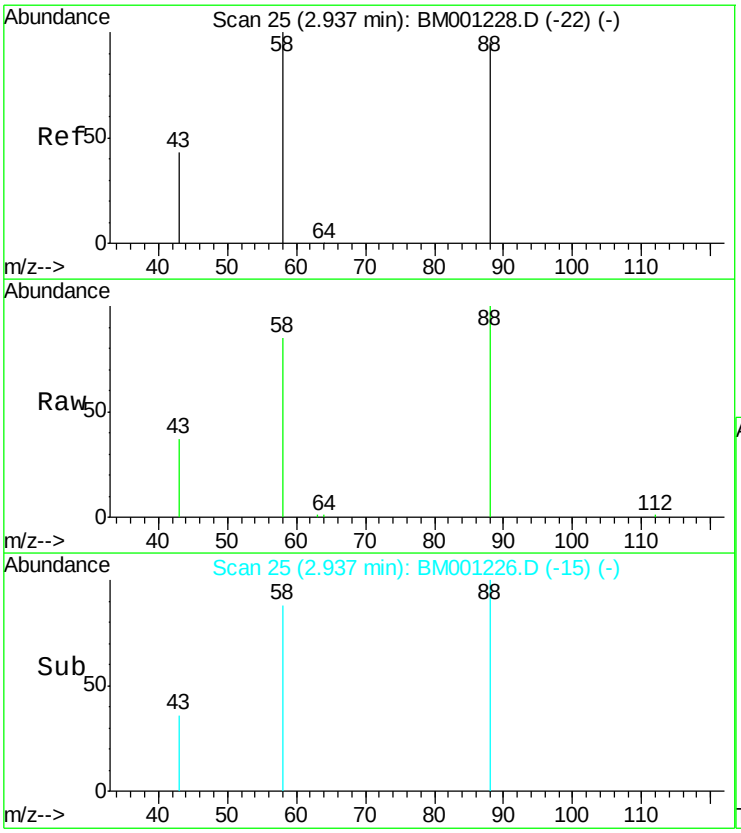
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 368
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 18530

Ion	Ratio	Lower	Upper
152	100		
150	145.5	116.3	174.5
115	38.6	31.9	47.9

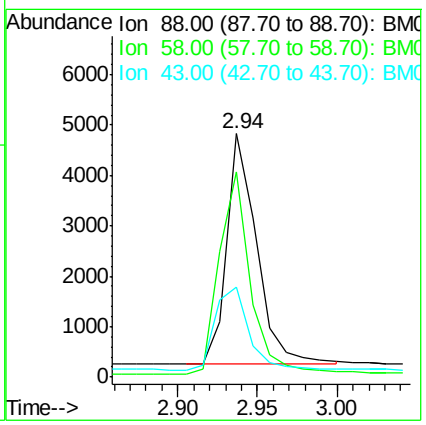


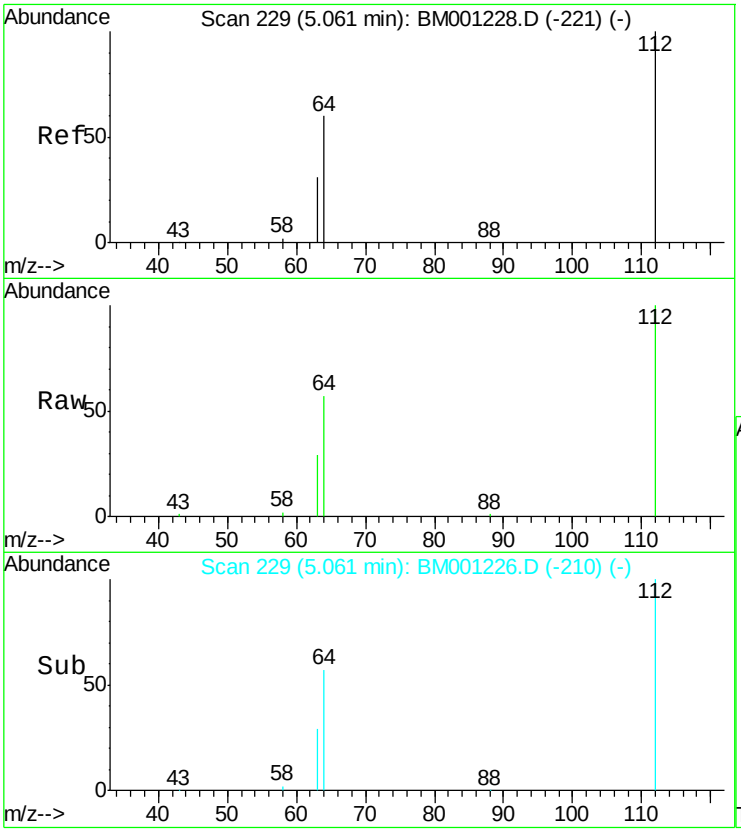


#2
1,4-Dioxane
Concen: 4.95 ng
RT: 2.94 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion: 88 Resp: 5954

Ion	Ratio	Lower	Upper
88	100		
58	91.3	75.5	113.3
43	41.1	32.7	49.1



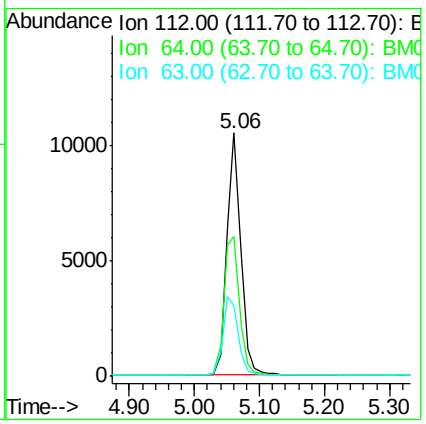


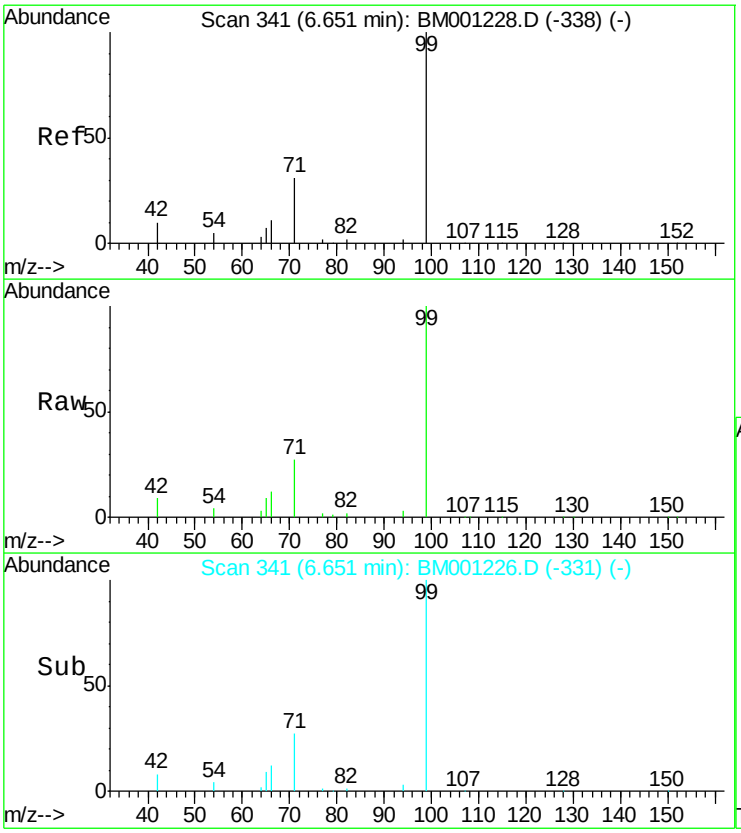
#3
2-Fluorophenol
Concen: 5.14 ng
RT: 5.06 min Scan# 229
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 15551

Ion	Ratio	Lower	Upper
112	100		
64	57.4	49.3	73.9
63	29.1	26.2	39.4

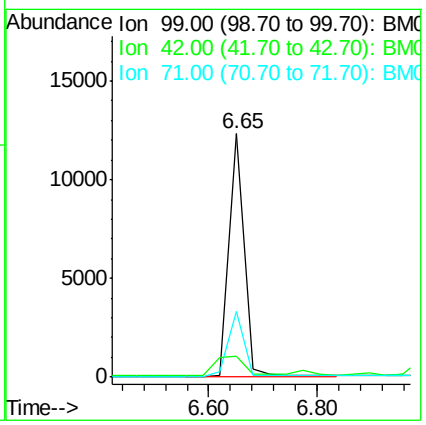


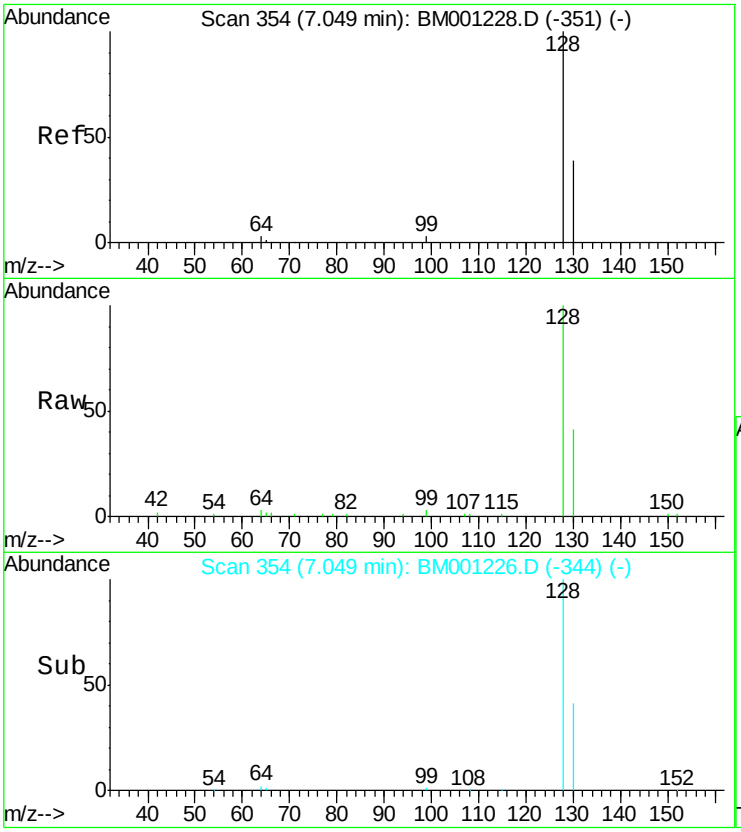


#4
Phenol-d6
Concen: 5.79 ng
RT: 6.65 min Scan# 341
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion: 99 Resp: 23696

Ion	Ratio	Lower	Upper
99	100		
42	8.7	12.1	18.1#
71	26.9	26.4	39.6



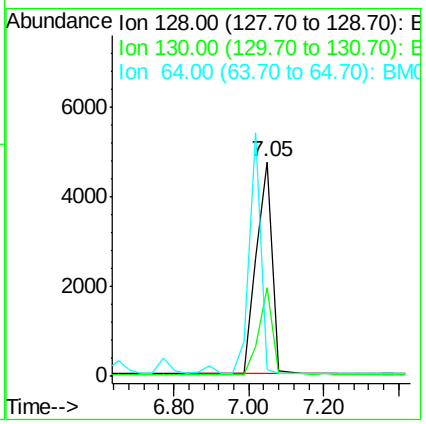


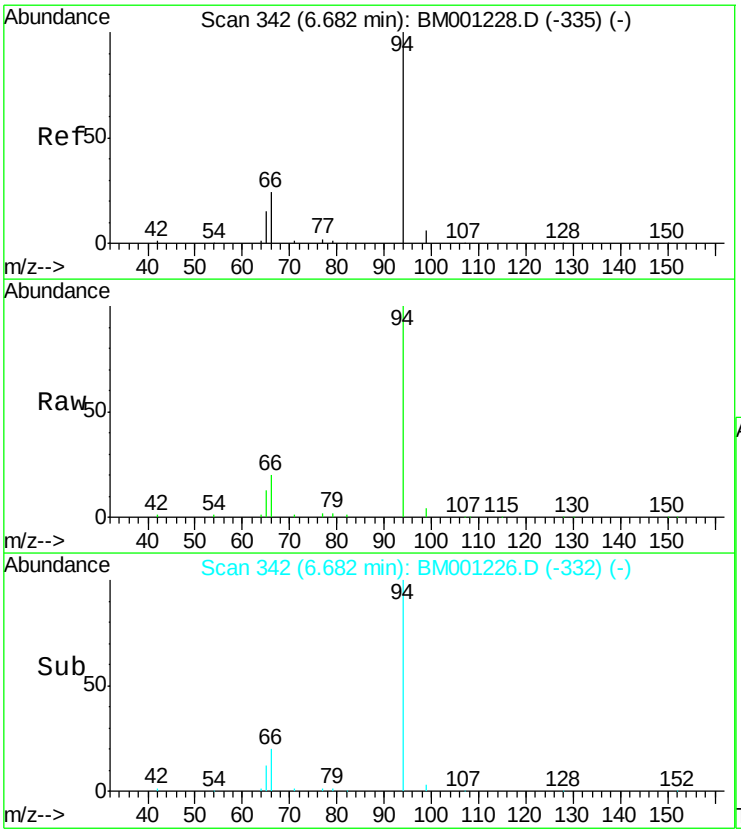
#5
2-Chlorophenol
Concen: 5.22 ng
RT: 7.05 min Scan# 354
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 13748

Ion	Ratio	Lower	Upper
128	100		
130	41.2	22.2	62.2
64	3.0	0.0	28.7

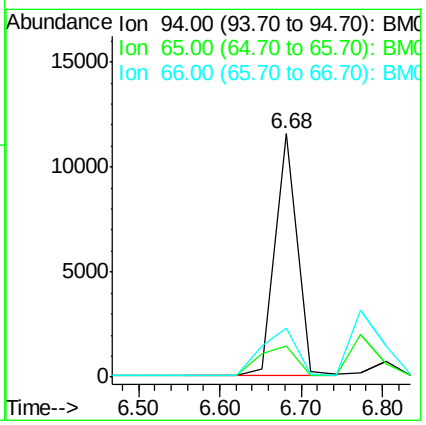


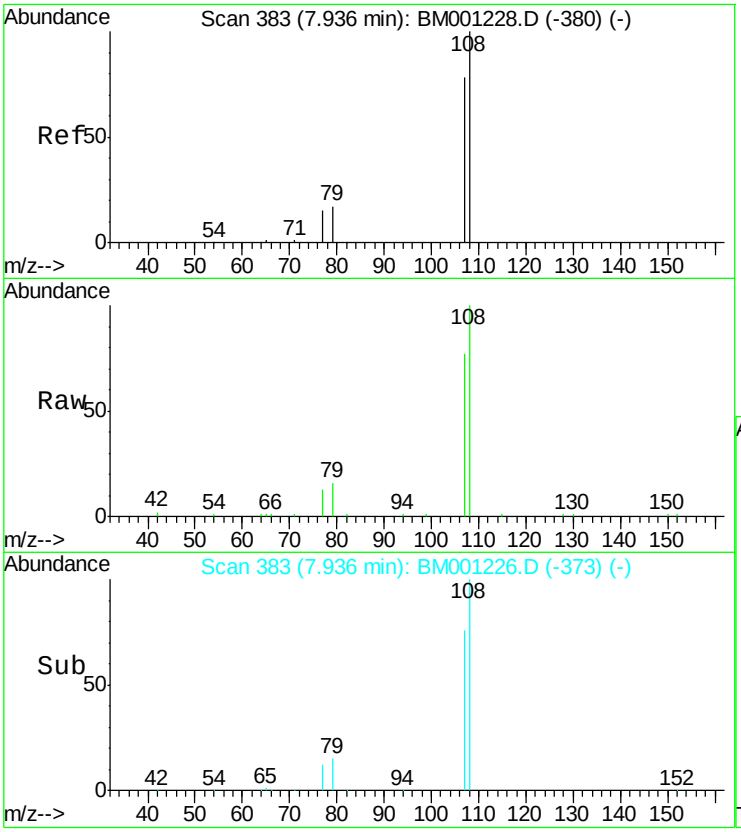


#6
Phenol
Concen: 5.44 ng
RT: 6.68 min Scan# 342
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion: 94 Resp: 22323

Ion	Ratio	Lower	Upper
94	100		
65	12.5	0.0	37.7
66	20.2	6.3	46.3



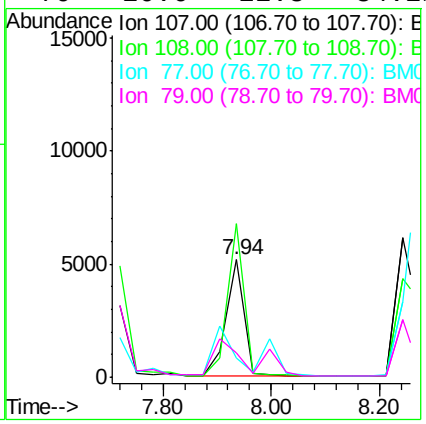


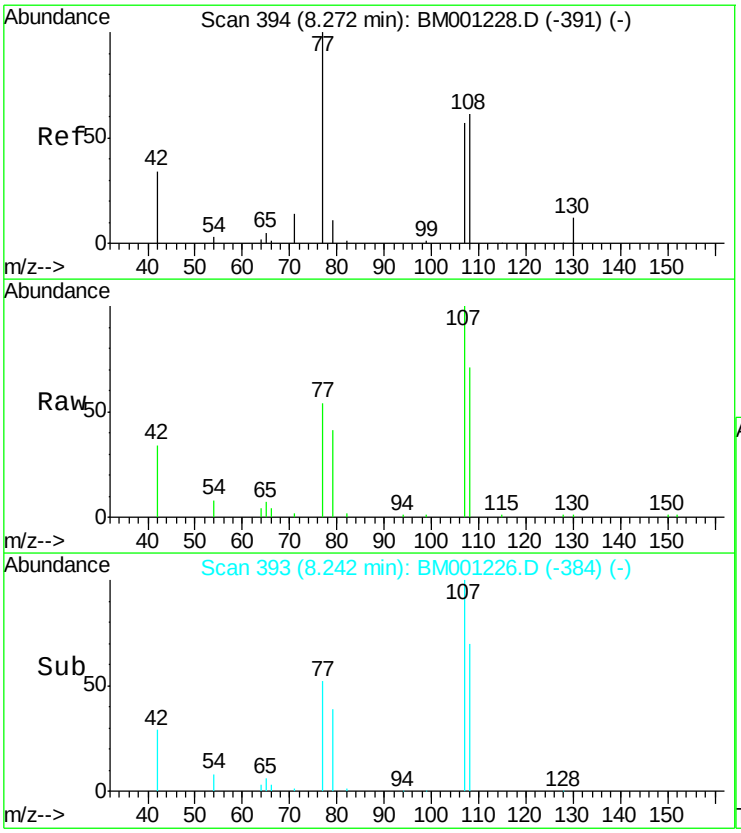
#7
2-Methylphenol
Concen: 5.35 ng
RT: 7.94 min Scan# 383
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 11589

Ion	Ratio	Lower	Upper
107	100		
108	130.4	100.9	151.3
77	16.7	20.3	30.5#
79	20.6	22.8	34.2#

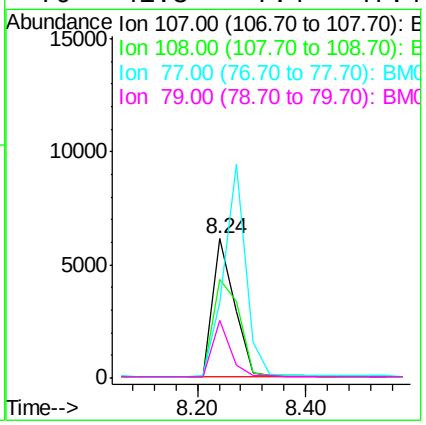


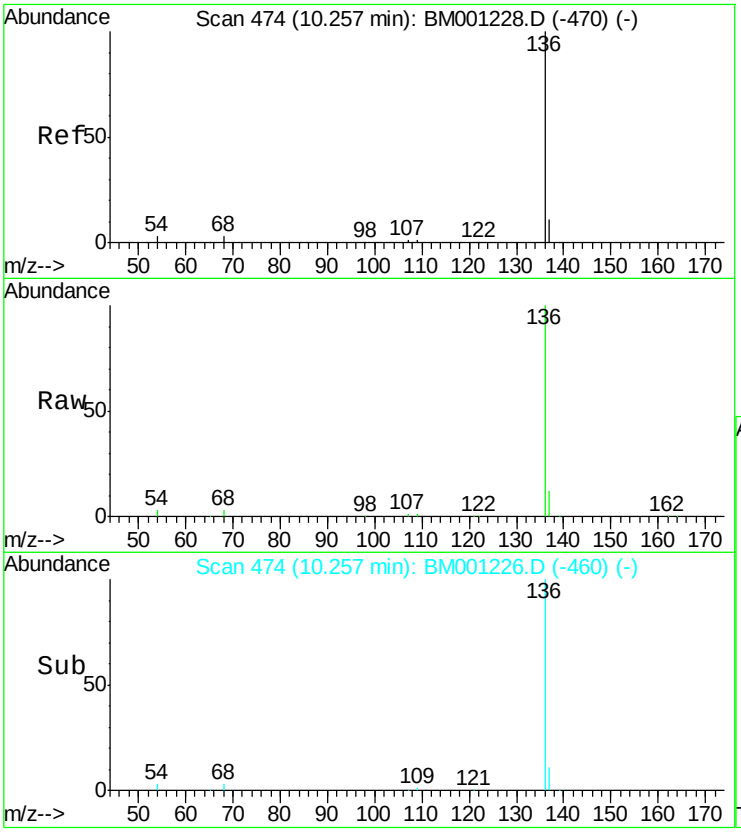


#8
3+4-Methylphenols
Concen: 6.06 ng
RT: 8.24 min Scan# 393
Delta R.T. -0.03 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:107 Resp: 17081

Ion	Ratio	Lower	Upper
107	100		
108	70.8	86.3	126.3#
77	54.1	151.7	191.7#
79	41.3	7.4	47.4



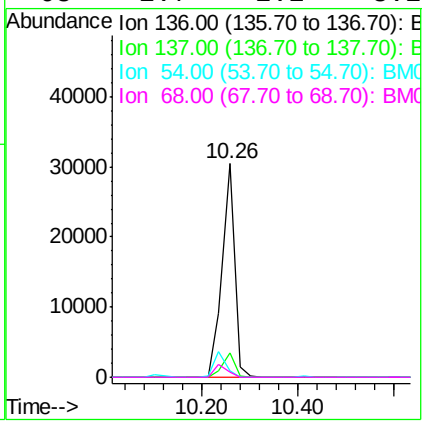


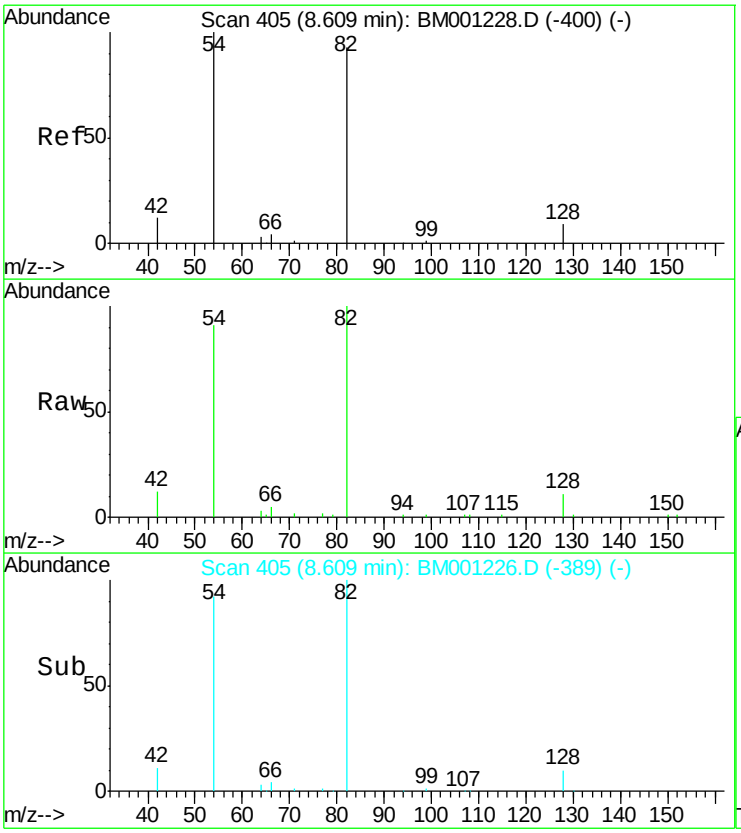
#9
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 474
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 54893

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	3.0	2.6	3.8
68	2.7	2.2	3.2

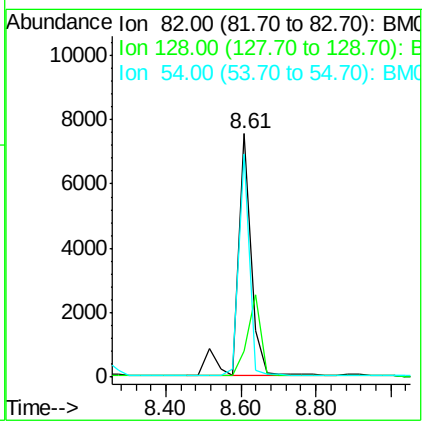


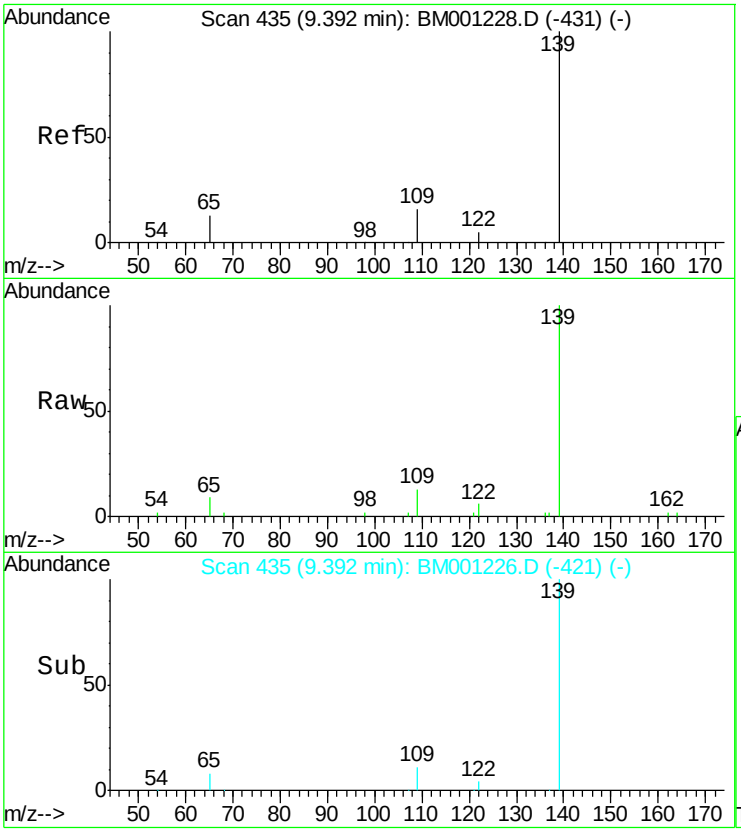


#10
Nitrobenzene-d5
Concen: 5.91 ng
RT: 8.61 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion: 82 Resp: 18476

Ion	Ratio	Lower	Upper
82	100		
128	0.0	0.0	0.0
54	72.4	59.0	88.6



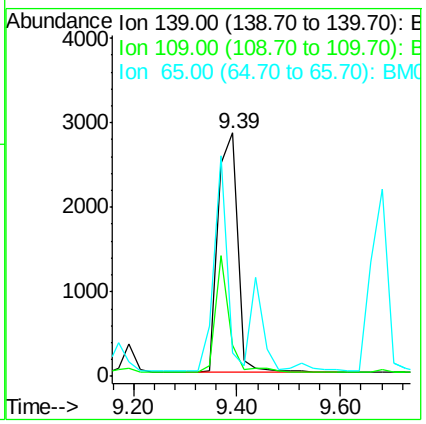


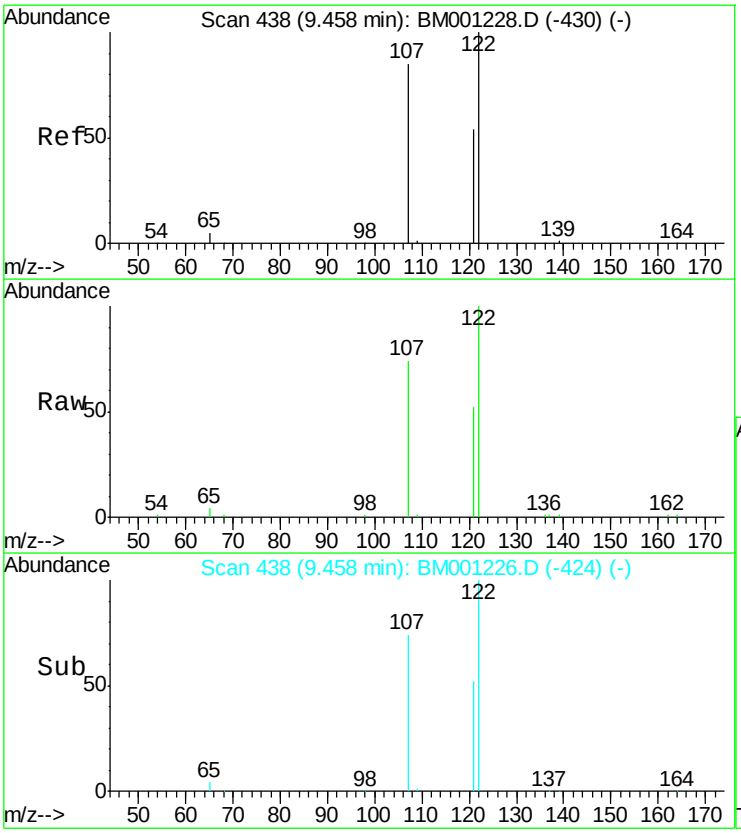
#11
2-Nitrophenol
Concen: 6.08 ng
RT: 9.39 min Scan# 435
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:139 Resp: 7474

Ion	Ratio	Lower	Upper
139	100		
109	12.7	19.5	29.3#
65	9.5	18.6	28.0#

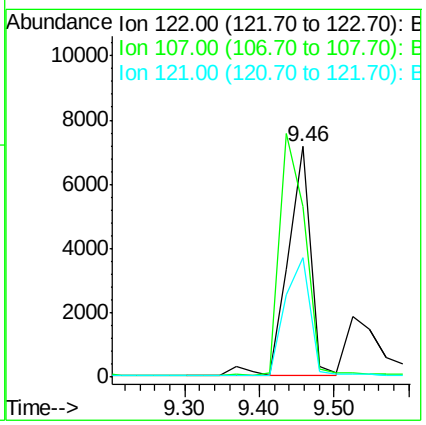


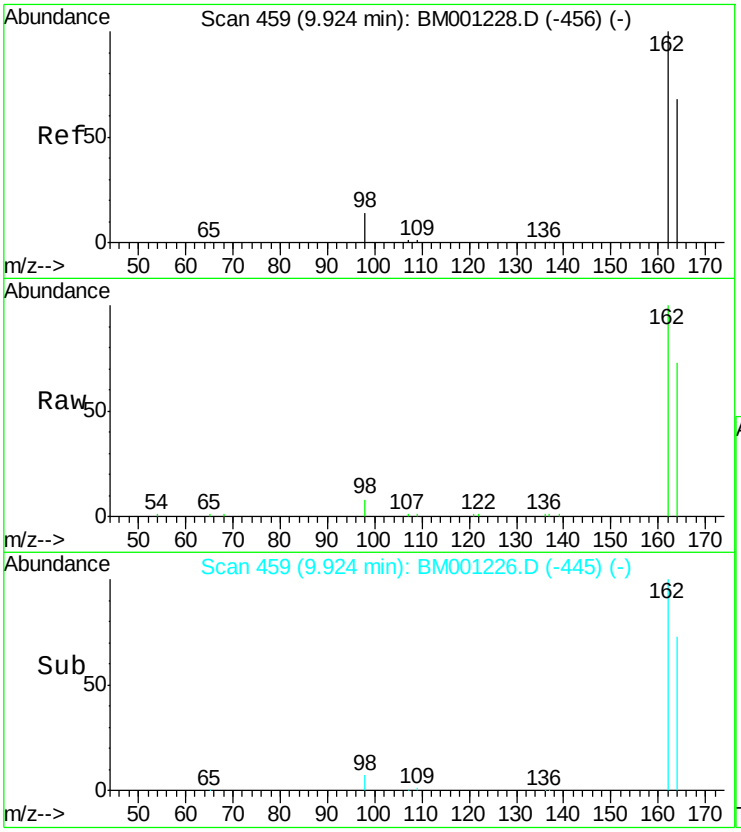


#12
2,4-Dimethylphenol
Concen: 5.64 ng
RT: 9.46 min Scan# 438
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:122 Resp: 14931

Ion	Ratio	Lower	Upper
122	100		
107	74.0	68.6	102.8
121	51.9	44.8	67.2



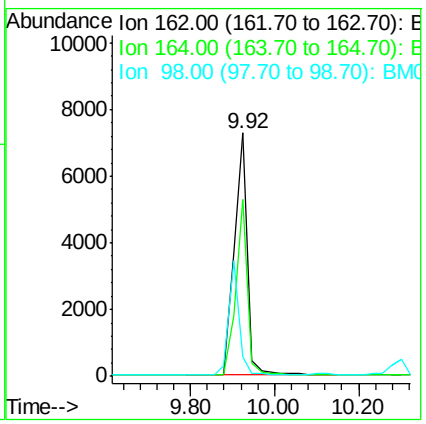


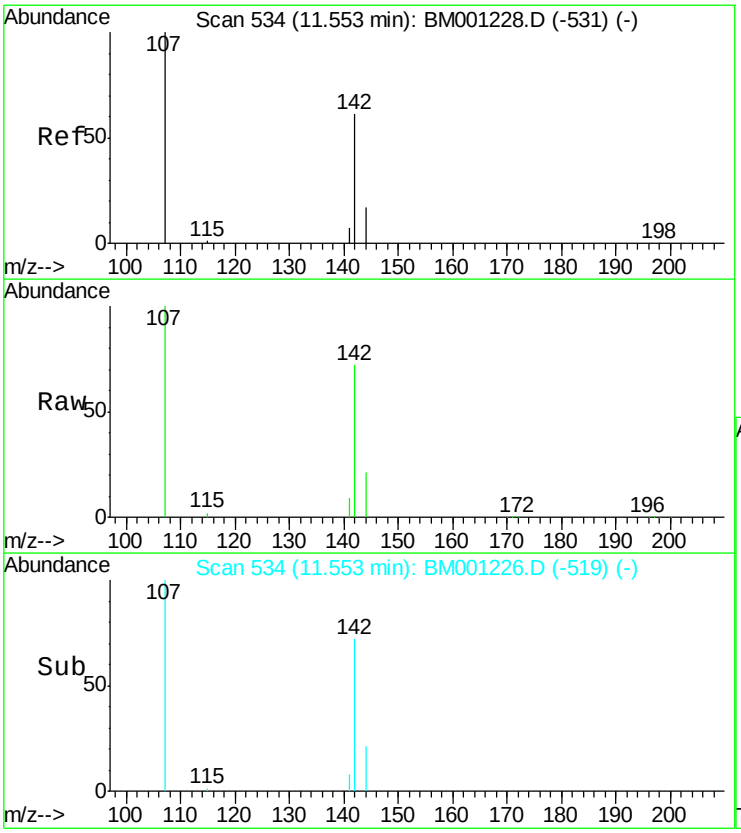
#13
2,4-Dichlorophenol
Concen: 5.78 ng
RT: 9.92 min Scan# 459
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 15574

Ion	Ratio	Lower	Upper
162	100		
164	72.9	49.2	89.2
98	8.0	0.0	37.4

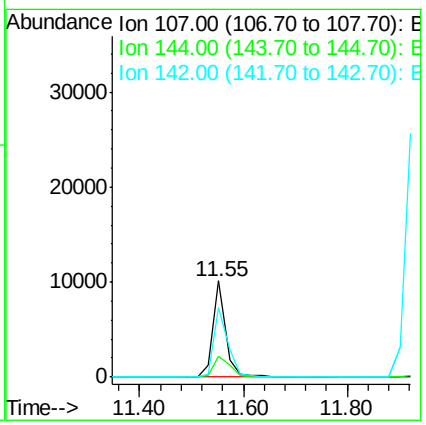


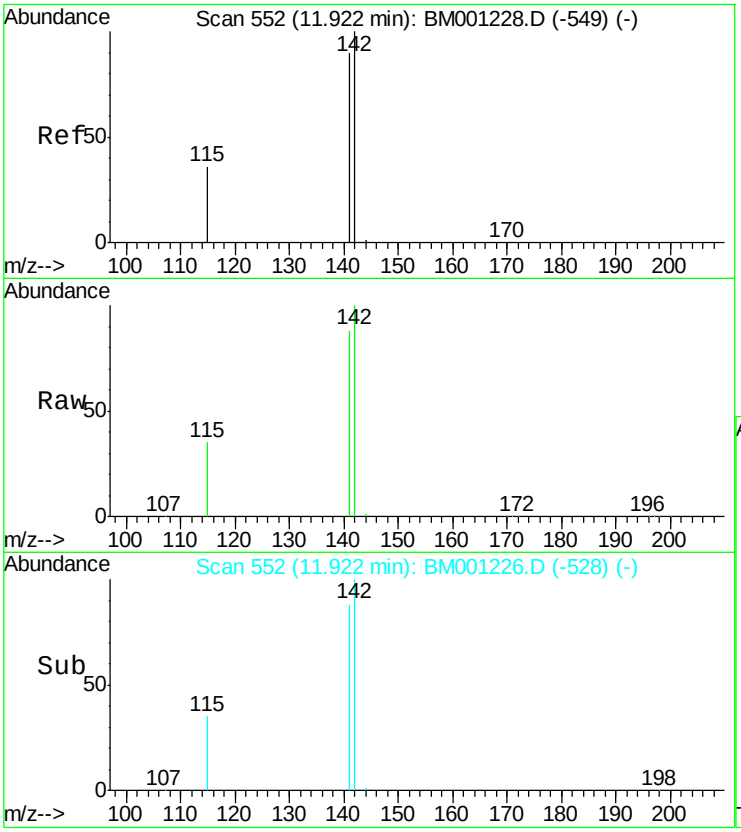


#14
4-Chloro-3-methylphenol
Concen: 5.94 ng
RT: 11.55 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:107 Resp: 16647

Ion	Ratio	Lower	Upper
107	100		
144	21.1	16.2	24.2
142	71.7	49.8	74.6



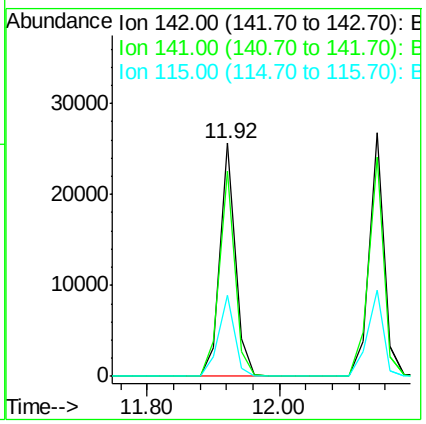


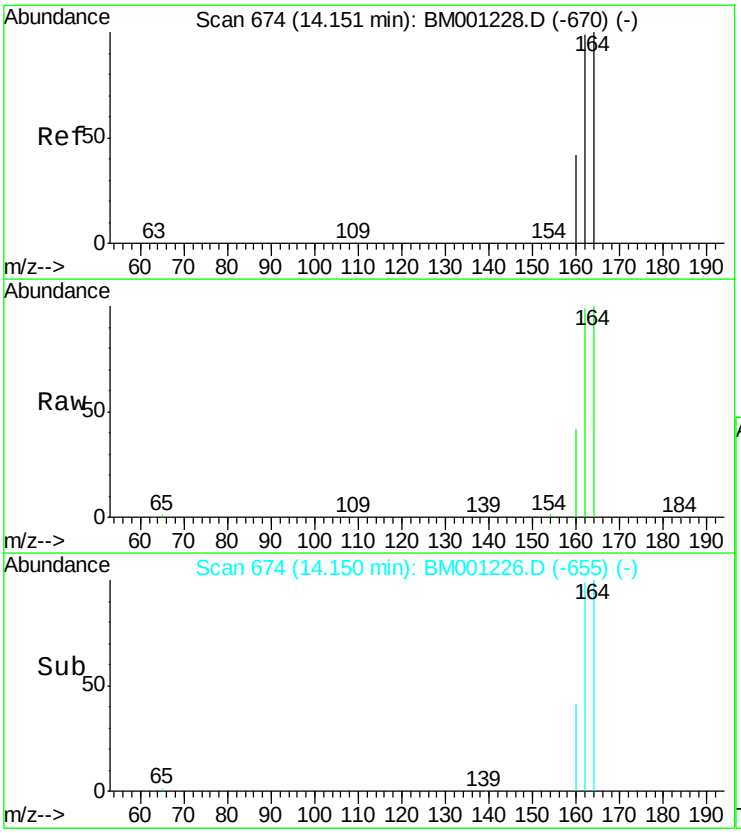
#15
2-Methylnaphthalene
Concen: 5.19 ng
RT: 11.92 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 40727

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.0
115	35.8	29.3	43.9

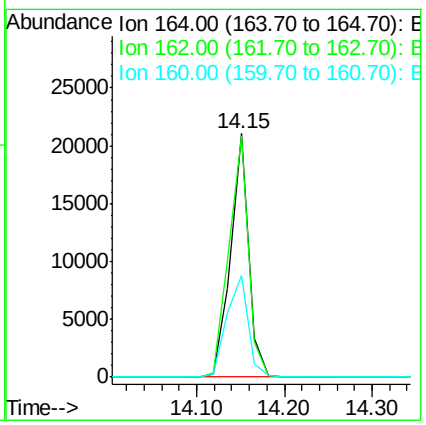


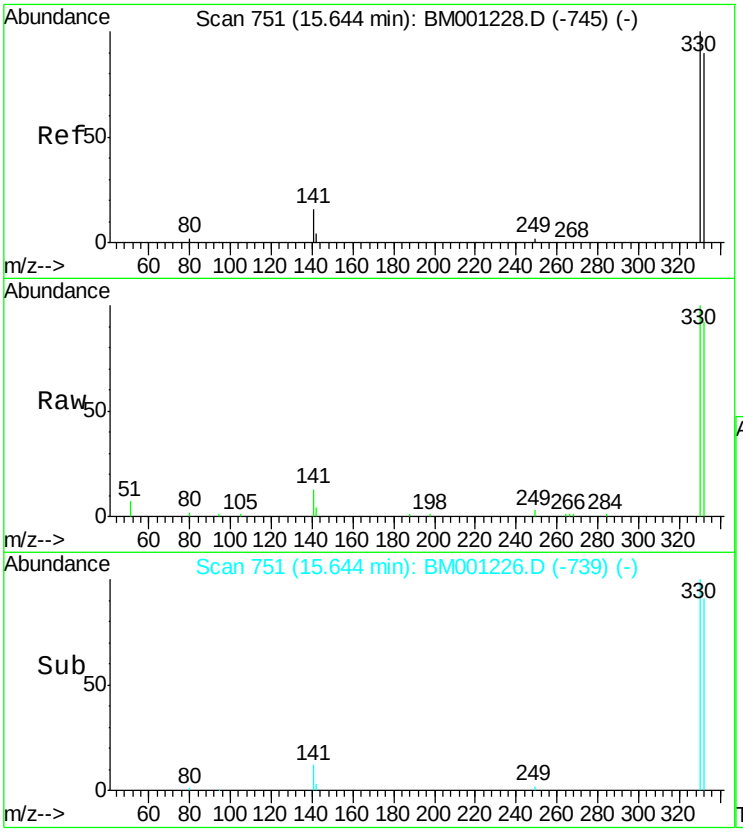


#16
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.15 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:164 Resp: 29917

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.2	118.8
160	41.6	33.7	50.5



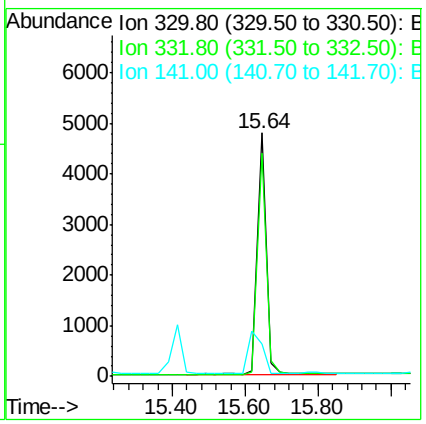


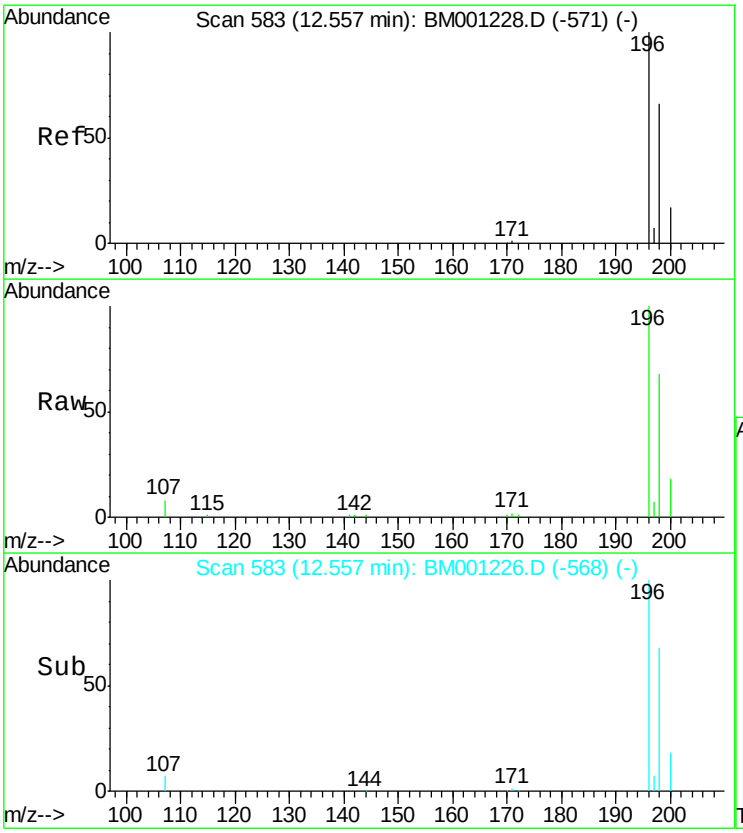
#17
2,4,6-Tribromophenol
Concen: 6.30 ng
RT: 15.64 min Scan# 751
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 7846

Ion	Ratio	Lower	Upper
330	100		
332	92.5	74.0	111.0
141	0.0	24.1	36.1#

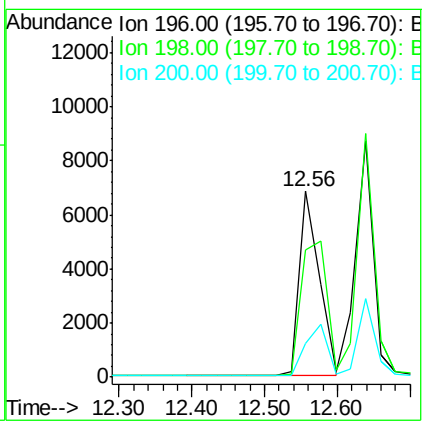


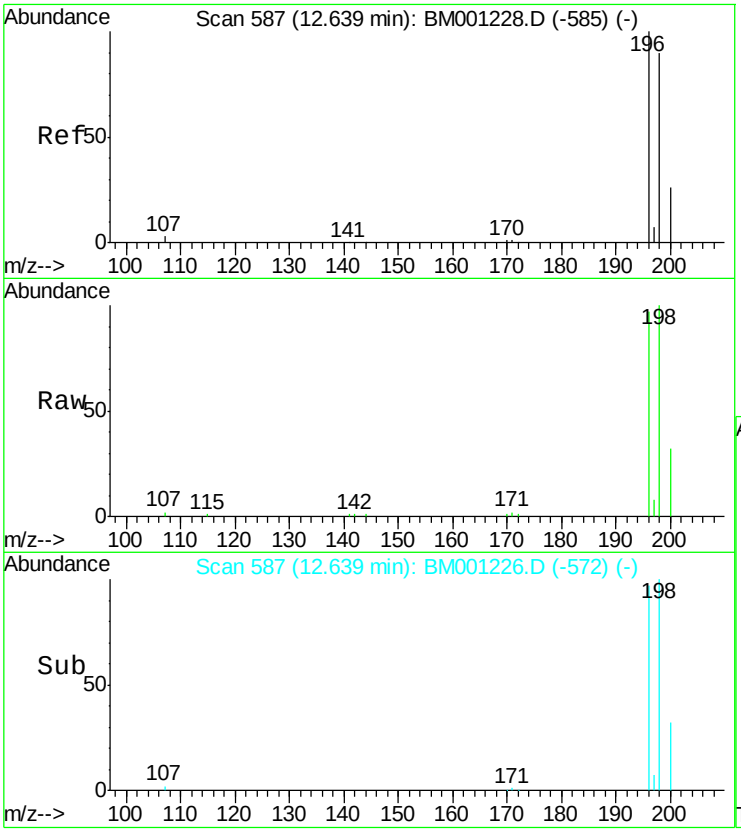


#18
2,4,6-Trichlorophenol
Concen: 5.89 ng
RT: 12.56 min Scan# 583
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:196 Resp: 12917

Ion	Ratio	Lower	Upper
196	100		
198	68.5	54.2	81.2
200	18.1	17.1	25.7



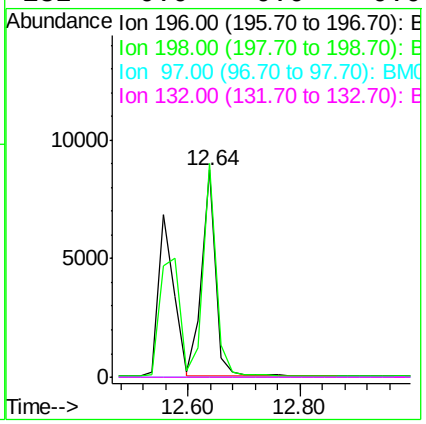


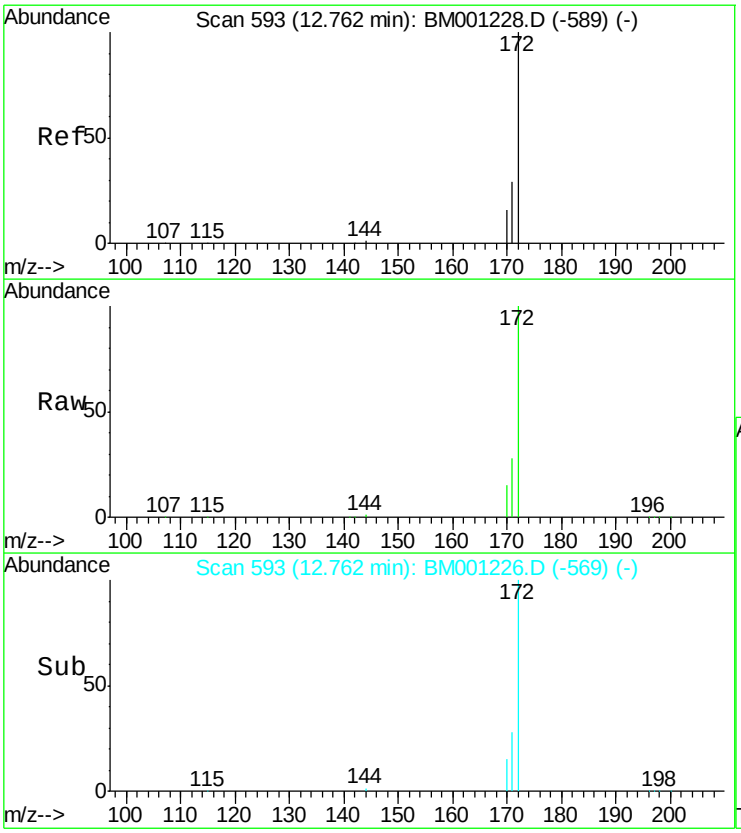
#19
2,4,5-Trichlorophenol
Concen: 6.04 ng
RT: 12.64 min Scan# 587
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 14926

Ion	Ratio	Lower	Upper
196	100		
198	103.1	73.6	110.4
97	0.0	0.0	0.0
132	0.0	0.0	0.0

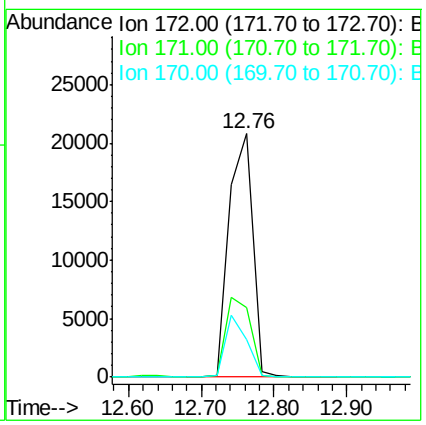


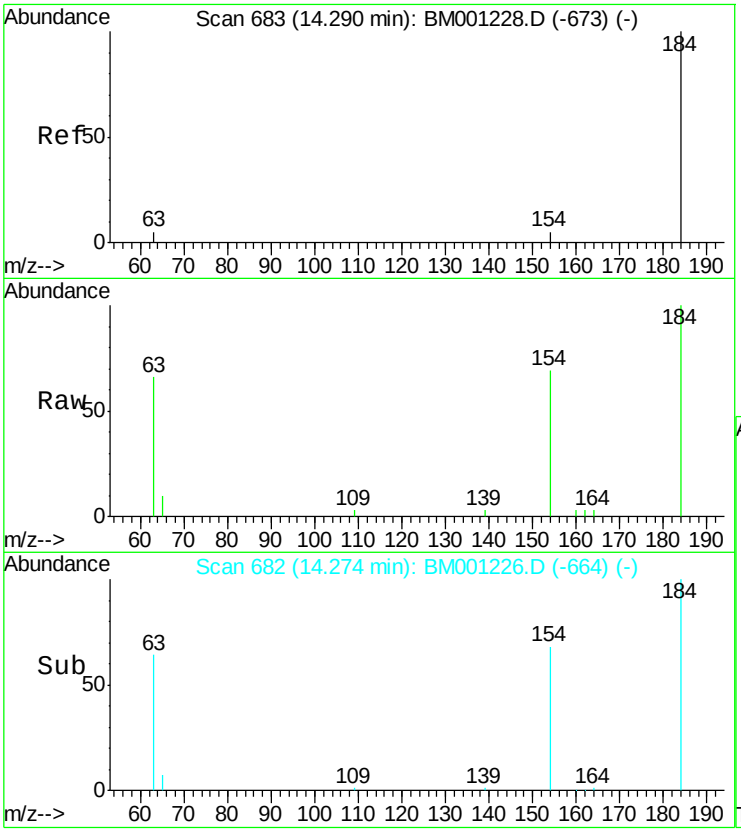


#20
2-Fluorobiphenyl
Concen: 4.98 ng
RT: 12.76 min Scan# 593
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:172 Resp: 46440

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



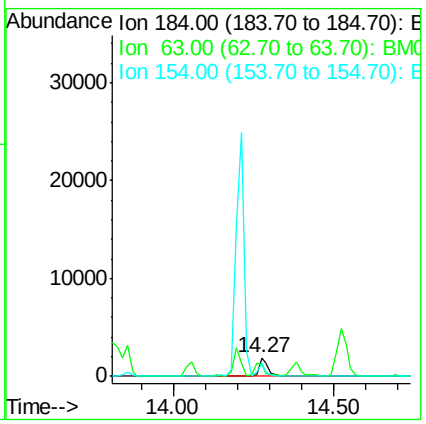


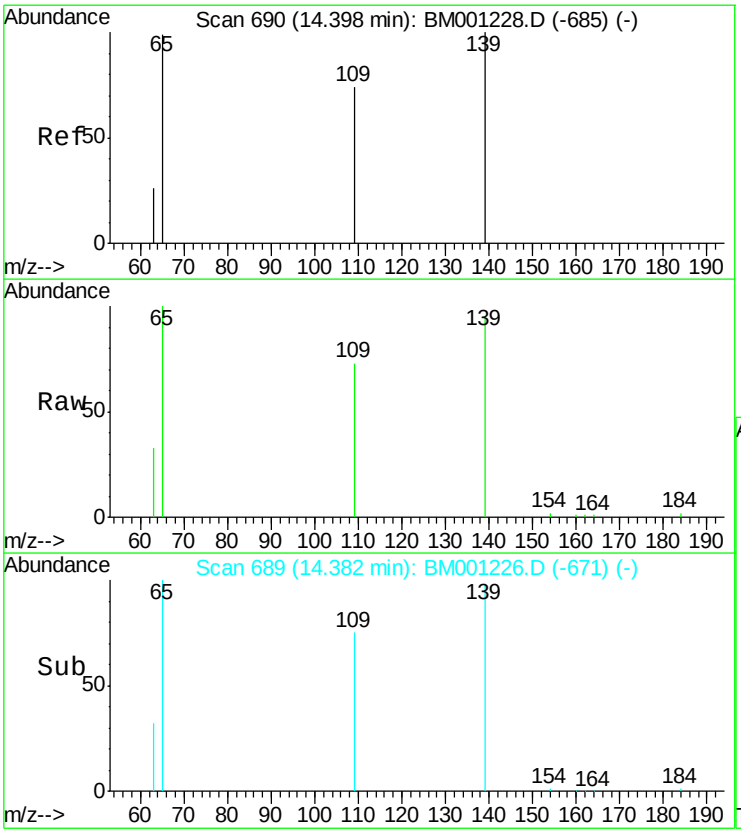
#21
2,4-Dinitrophenol
Concen: 9.12 ng
RT: 14.27 min Scan# 682
Delta R.T. -0.02 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 3597

Ion	Ratio	Lower	Upper
184	100		
63	66.4	52.0	78.0
154	68.9	51.4	77.2

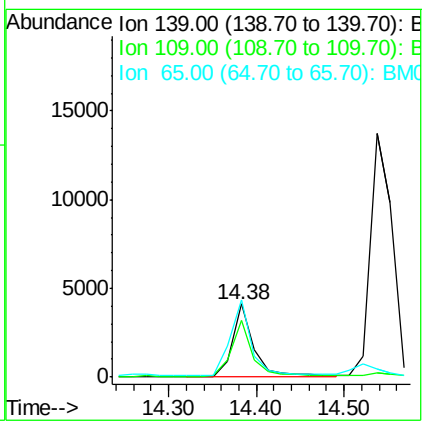


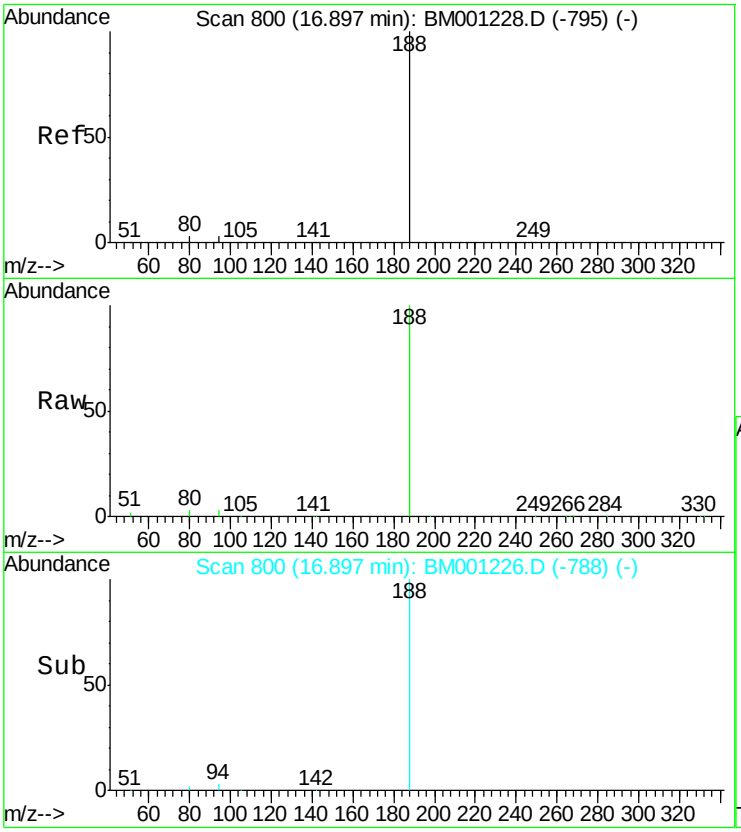


#22
4-Nitrophenol
Concen: 5.29 ng
RT: 14.38 min Scan# 689
Delta R.T. -0.02 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:139 Resp: 6727

Ion	Ratio	Lower	Upper
139	100		
109	76.6	60.0	100.0
65	105.5	85.7	125.7



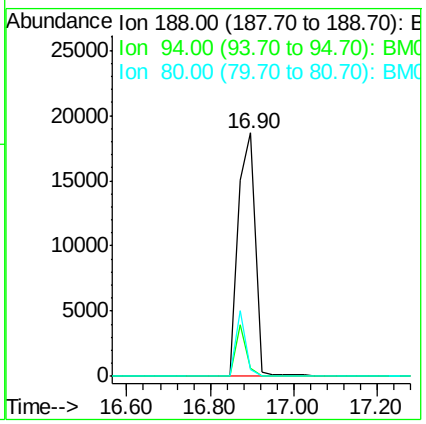


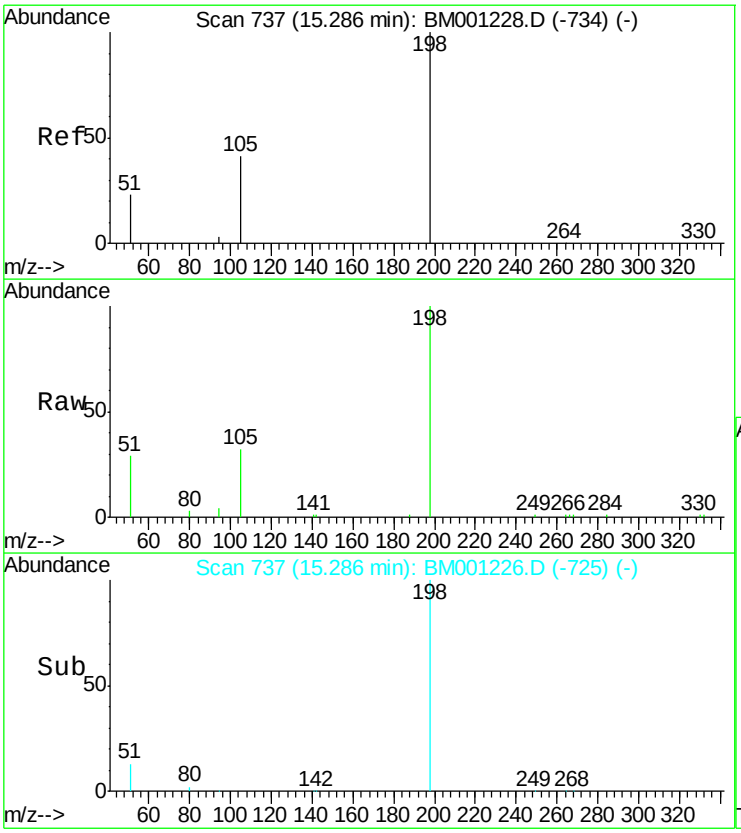
#23
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.90 min Scan# 800
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 52551

Ion	Ratio	Lower	Upper
188	100		
94	3.5	2.9	4.3
80	2.8	2.5	3.7

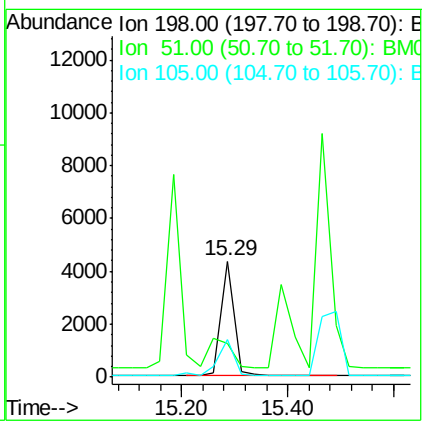


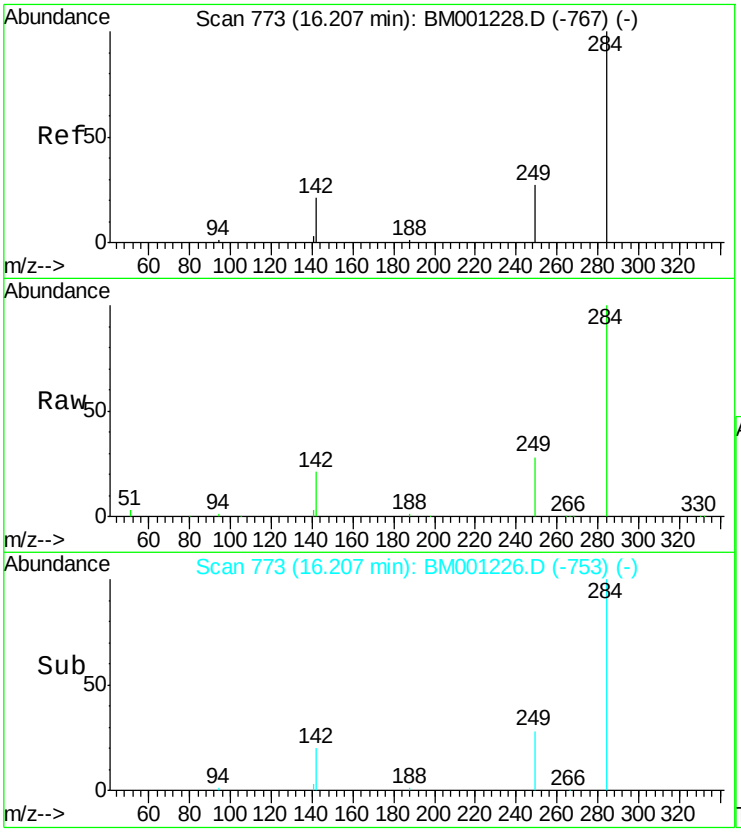


#24
4,6-Dinitro-2-methylphenol
Concen: 7.91 ng
RT: 15.29 min Scan# 737
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:198 Resp: 7260

Ion	Ratio	Lower	Upper
198	100		
51	28.9	60.8	100.8#
105	31.9	30.0	70.0



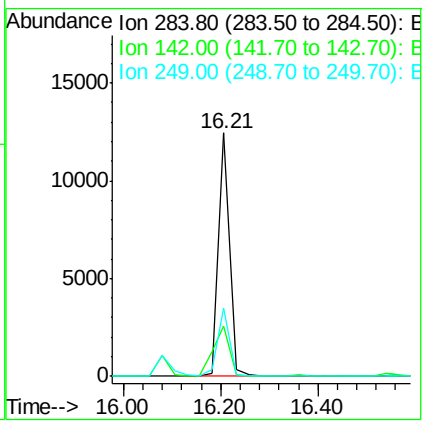


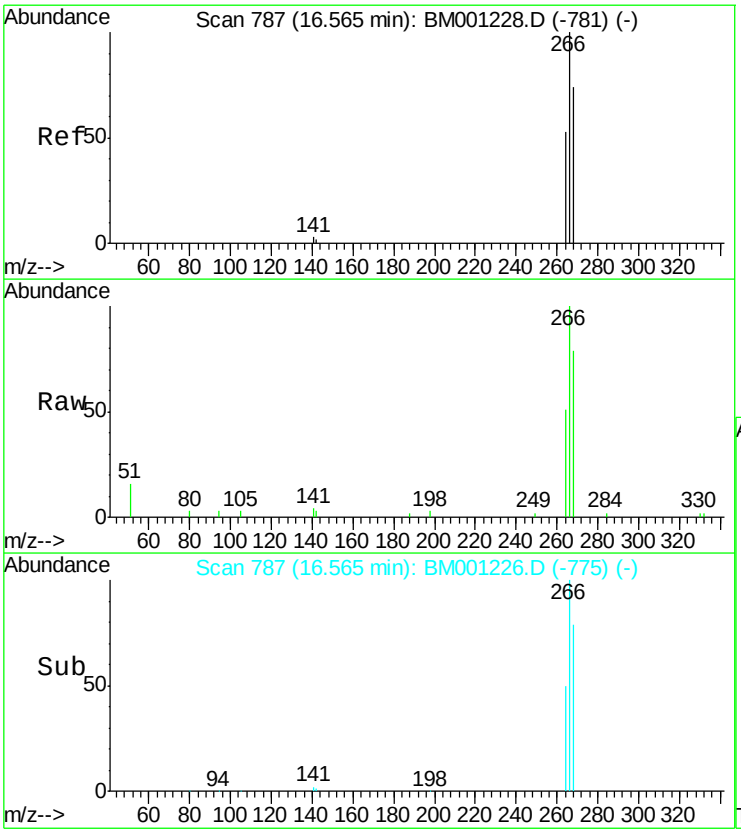
#25
Hexachlorobenzene
Concen: 5.10 ng
RT: 16.21 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 19749

Ion	Ratio	Lower	Upper
284	100		
142	29.4	23.3	34.9
249	29.2	23.3	34.9

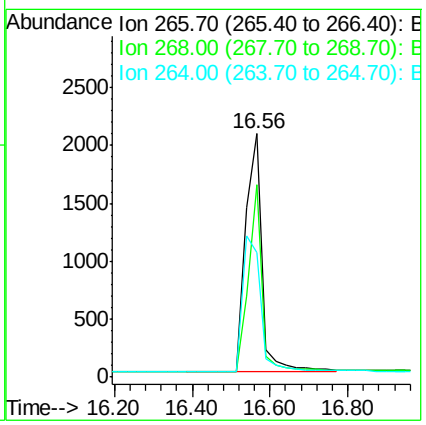


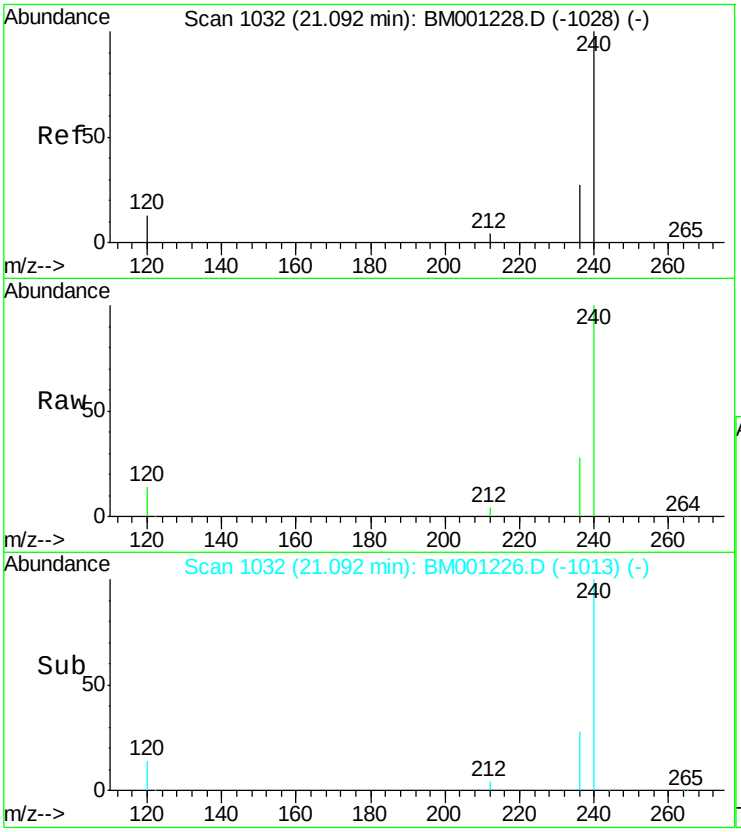


#26
Pentachlorophenol
Concen: 6.99 ng
RT: 16.56 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:266 Resp: 6008

Ion	Ratio	Lower	Upper
266	100		
268	79.2	62.6	94.0
264	51.3	47.9	71.9



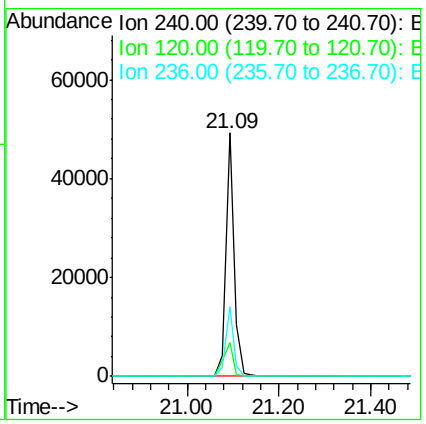


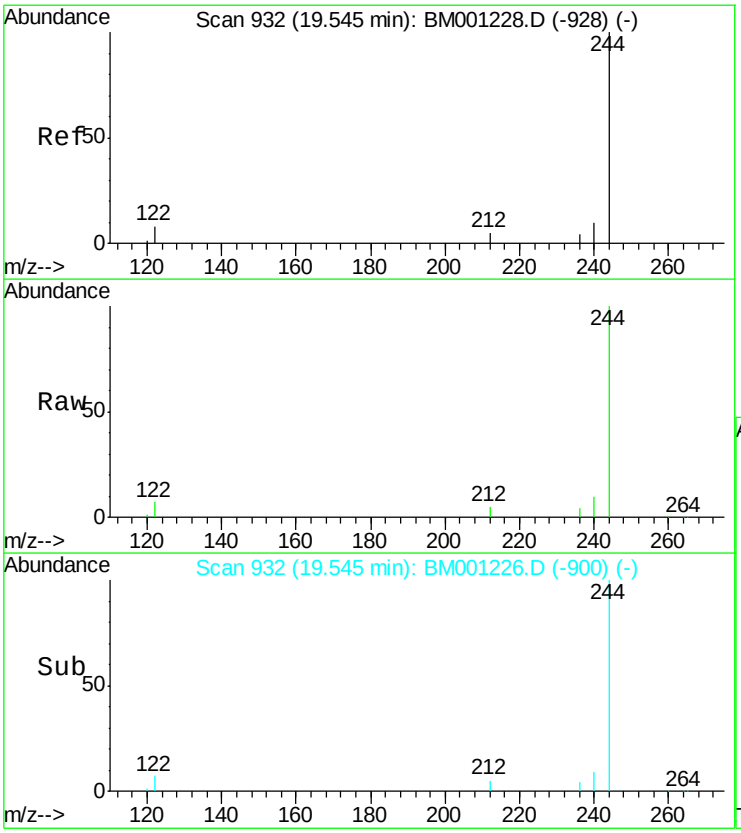
#27
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 60514

Ion	Ratio	Lower	Upper
240	100		
120	13.8	10.4	15.6
236	28.4	22.0	33.0

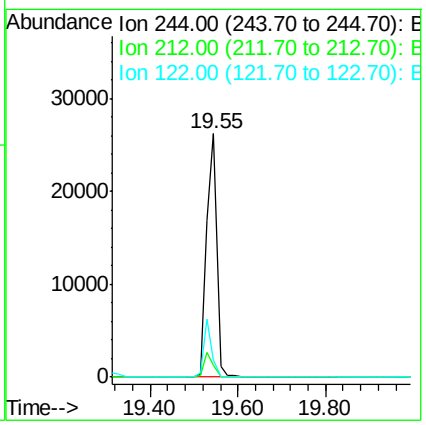


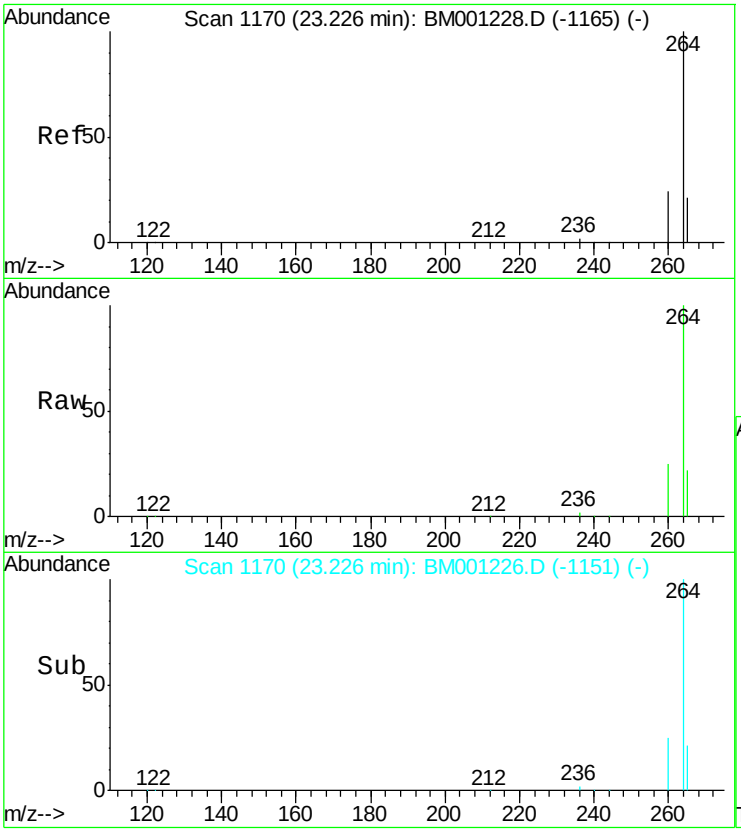


#28
Terphenyl-d14
Concen: 0.03 ng
RT: 19.55 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001226.D
Acq: 06 May 2015 20:41

Tgt Ion:244 Resp: 41599

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	19.0	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: BM001226.D
Acq: 06 May 2015 20:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 55611

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.8	17.4	26.2