Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
Data File : BM001225.D
Acq On : 06 May 2015 20:05
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: May 07 06:39:23 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	19508	5.00	ng		0.00
9) Naphthalene-d8	10.26	136	58870	5.00	ng		0.00
16) Acenaphthene-d10	14.15	164	32276	5.00	ng		0.00
23) Phenanthrene-d10	16.90	188	57726	5.00	ng		0.00
27) Chrysene-d12	21.09	240	64334	5.00	ng		0.00
29) Perylene-d12	23.23	264	57831	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	33115	10.39	ng		0.00
4) Phenol-d6	6.65	99	53146	12.33	ng		0.00
10) Nitrobenzene-d5	8.61	82	42655	12.73	ng		0.00
17) 2,4,6-Tribromophenol	15.64	330	18485	13.75	ng		0.00
20) 2-Fluorobiphenyl	12.76	172	98971	9.84	ng		0.00
28) Terphenyl-d14	19.55	244	90818	0.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	12275	9.70	ng		98
5) 2-Chlorophenol	7.05	128	29303	10.56	ng		96
6) Phenol	6.68	94	49033	11.34	ng		87
7) 2-Methylphenol	7.94	107	25635	11.24	ng	#	91
8) 3+4-Methylphenols	8.24	107	38602	13.01	ng	#	38
11) 2-Nitrophenol	9.39	139	17978	13.64	ng	#	69
12) 2,4-Dimethylphenol	9.46	122	34104	12.00	ng		87
13) 2,4-Dichlorophenol	9.92	162	35422	12.25	ng		91
14) 4-Chloro-3-methylphenol	11.55	107	38880	12.93	ng		91
15) 2-Methylnaphthalene	11.92	142	90882	10.81	ng		99
18) 2,4,6-Trichlorophenol	12.56	196	31021	13.11	ng		97
19) 2,4,5-Trichlorophenol	12.64	196	34668	13.00	ng		86
21) 2,4-Dinitrophenol	14.27	184	10258	24.11	ng		95
22) 4-Nitrophenol	14.38	139	18688	13.62	ng		96
24) 4,6-Dinitro-2-methylphenol	15.29	198	21129	20.96	ng	#	50
25) Hexachlorobenzene	16.21	284	44354	10.44	ng		99
26) Pentachlorophenol	16.56	266	15688	16.62	ng		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
Data File : BM001225.D
Acq On : 06 May 2015 20:05
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: May 07 06:39:23 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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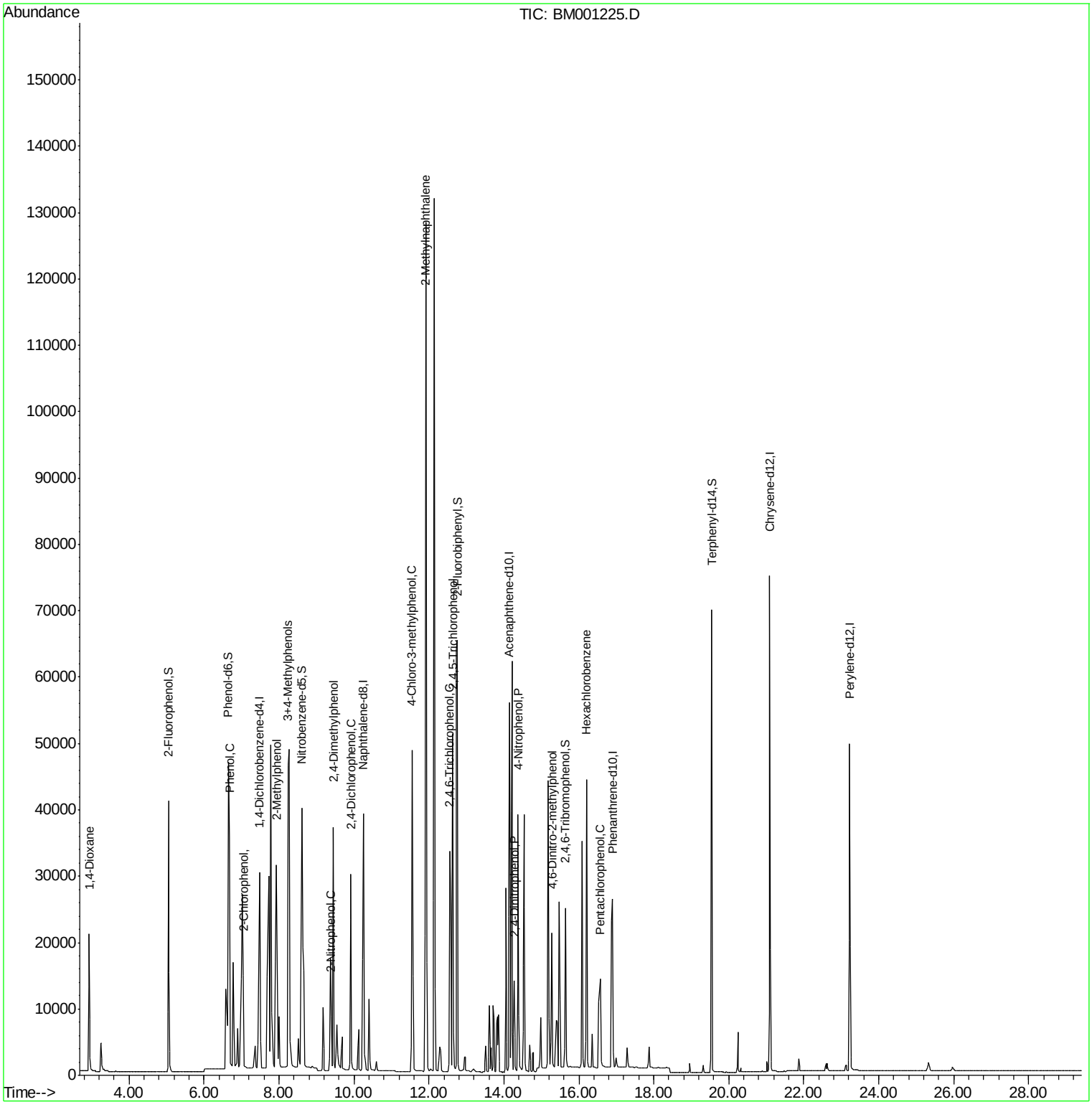
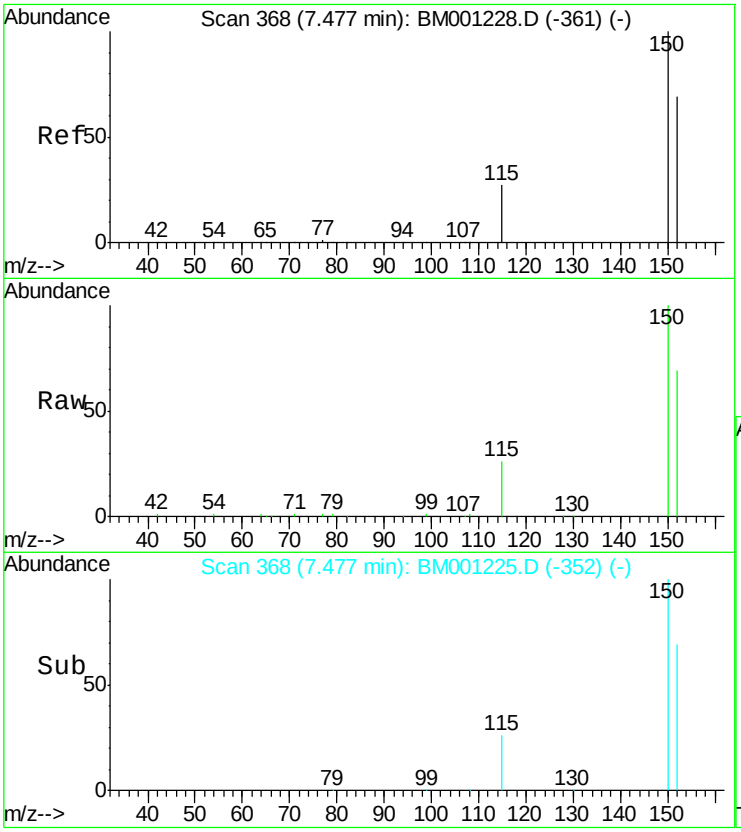


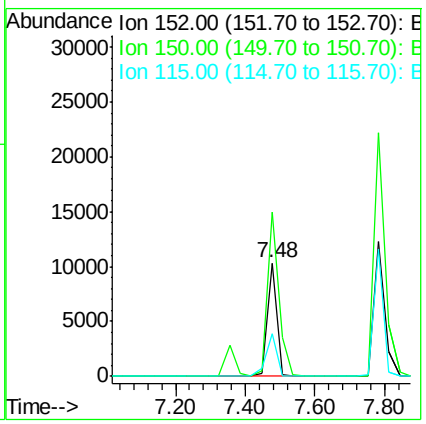


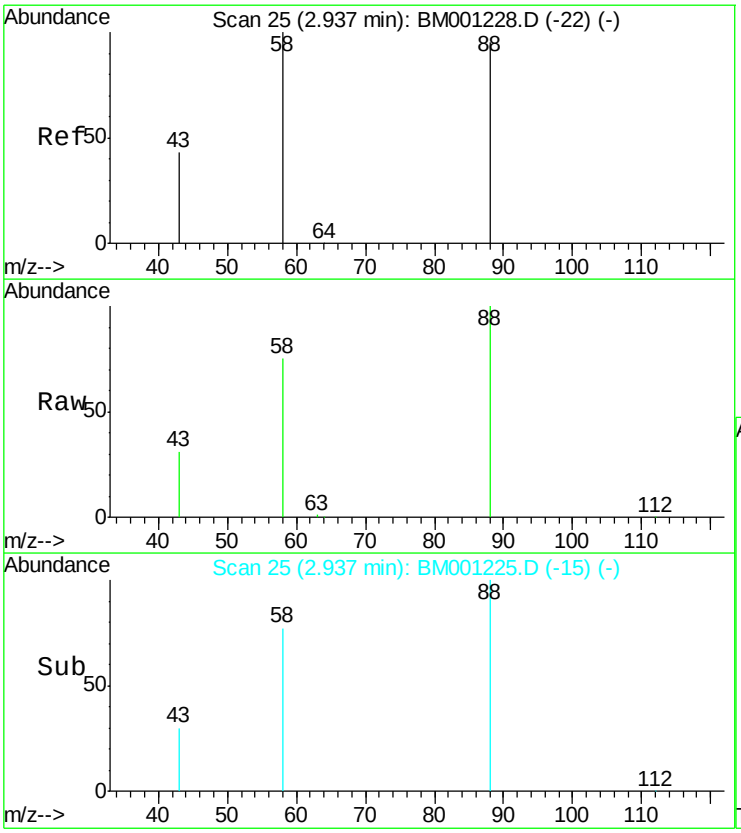
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 368
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 19508

Ion	Ratio	Lower	Upper
152	100		
150	144.2	116.3	174.5
115	37.3	31.9	47.9

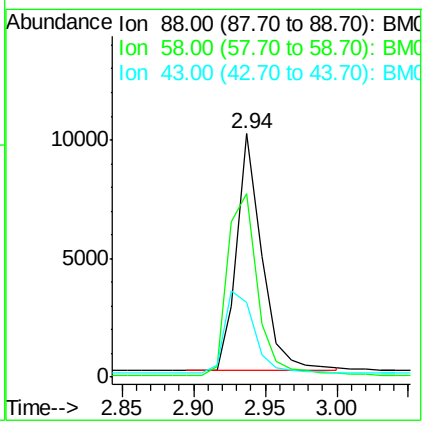


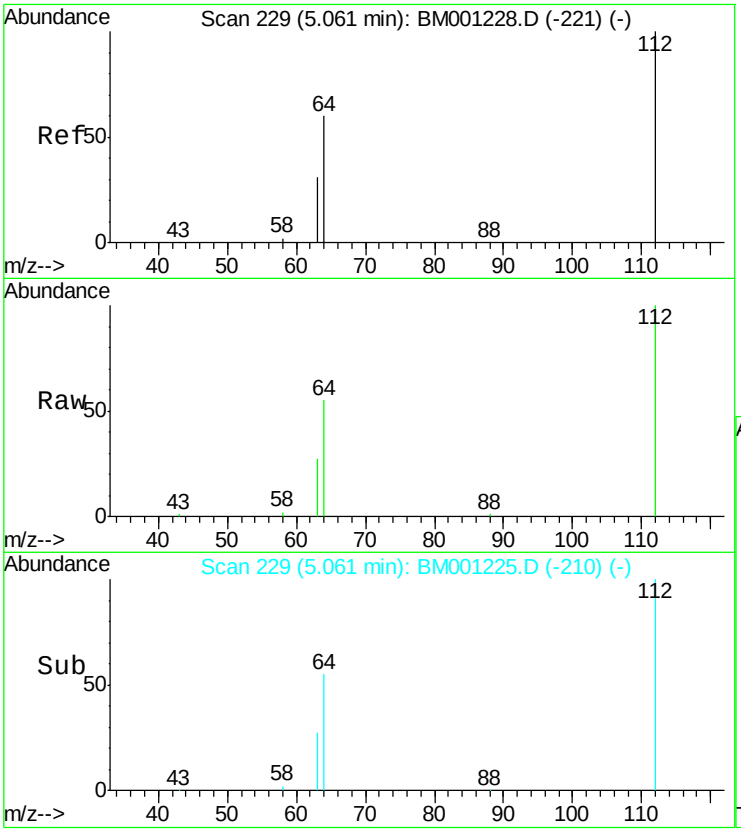


#2
1,4-Dioxane
Concen: 9.70 ng
RT: 2.94 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion: 88 Resp: 12275

Ion	Ratio	Lower	Upper
88	100		
58	91.9	75.5	113.3
43	41.0	32.7	49.1



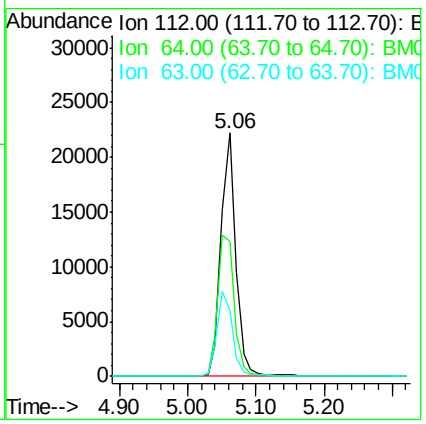


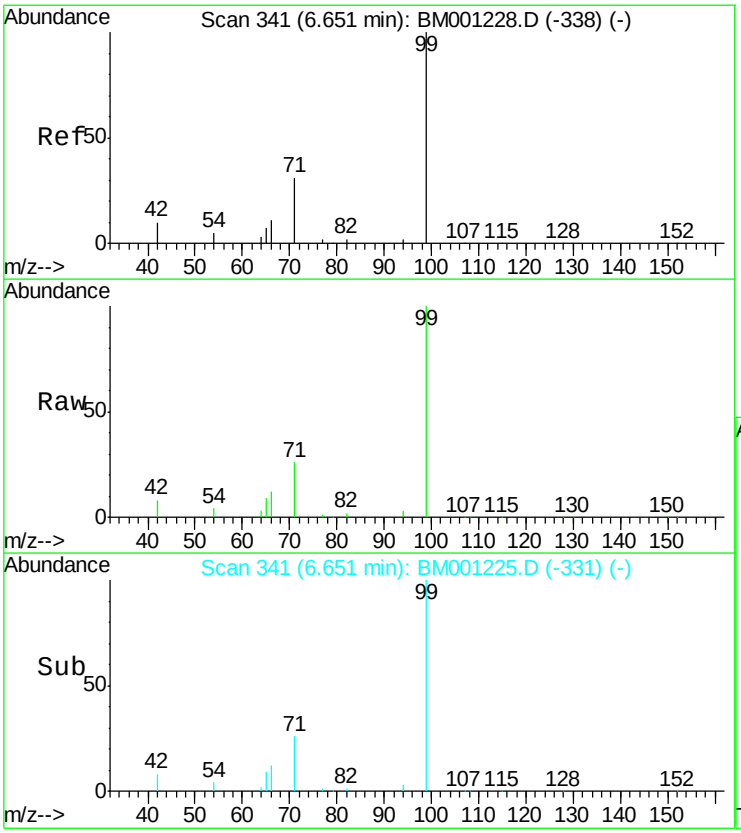
#3
2-Fluorophenol
Concen: 10.39 ng
RT: 5.06 min Scan# 229
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 33115

Ion	Ratio	Lower	Upper
112	100		
64	55.4	49.3	73.9
63	27.2	26.2	39.4

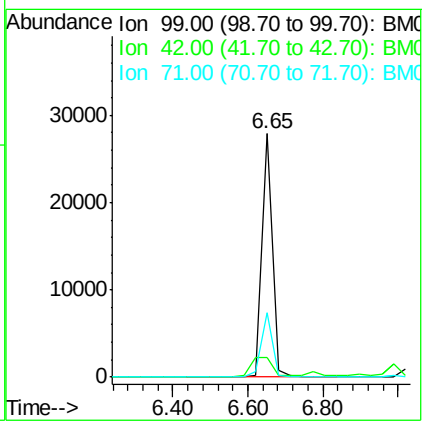


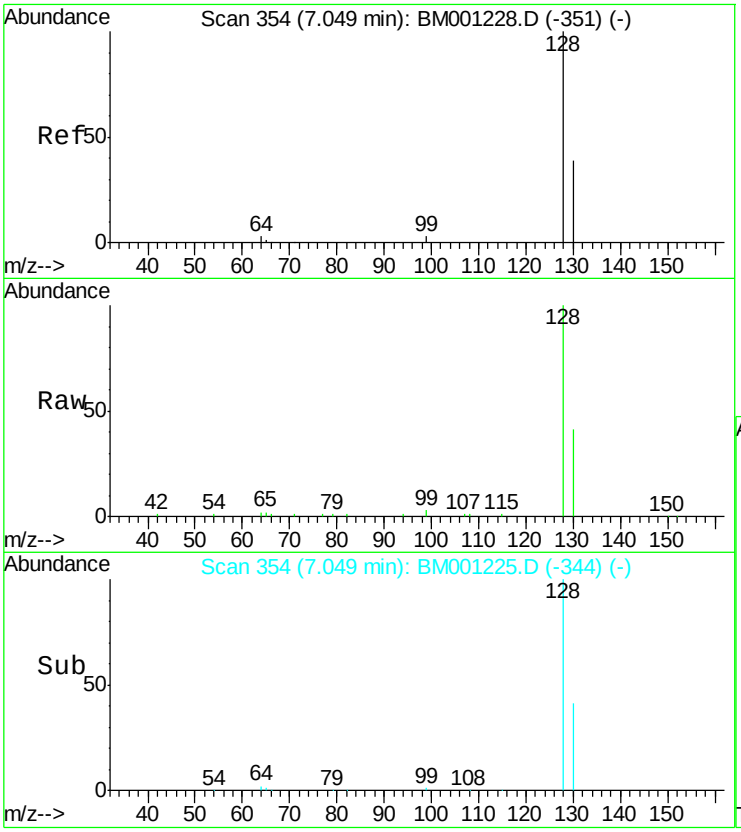


#4
Phenol-d6
Concen: 12.33 ng
RT: 6.65 min Scan# 341
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion: 99 Resp: 53146

Ion	Ratio	Lower	Upper
99	100		
42	8.0	12.1	18.1#
71	26.4	26.4	39.6#



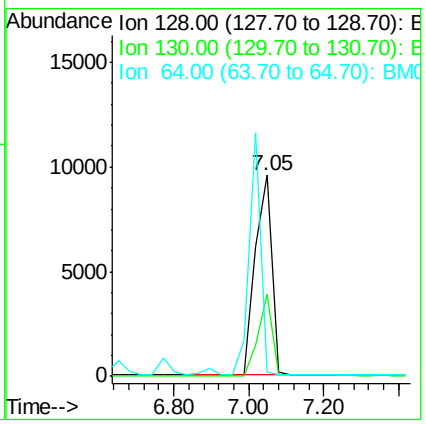


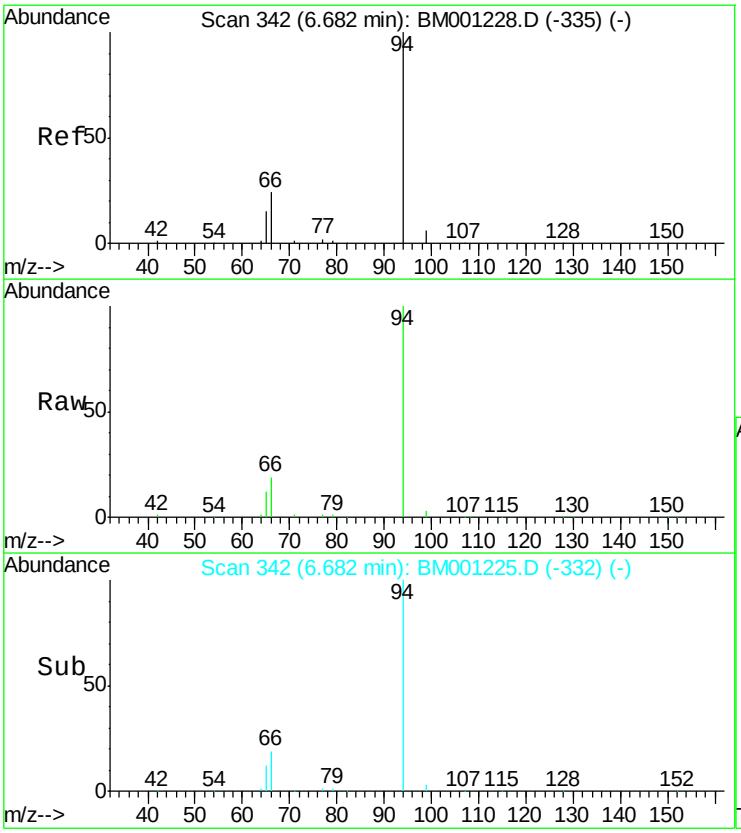
#5
2-Chlorophenol
Concen: 10.56 ng
RT: 7.05 min Scan# 354
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 29303

Ion	Ratio	Lower	Upper
128	100		
130	41.2	22.2	62.2
64	2.1	0.0	28.7

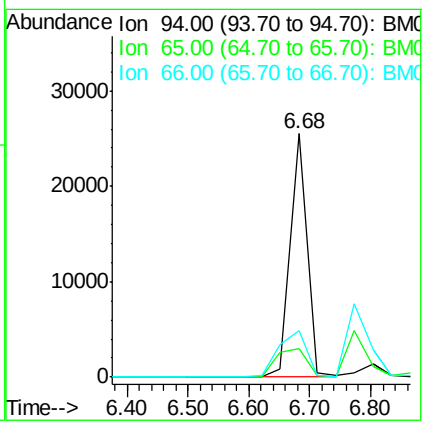


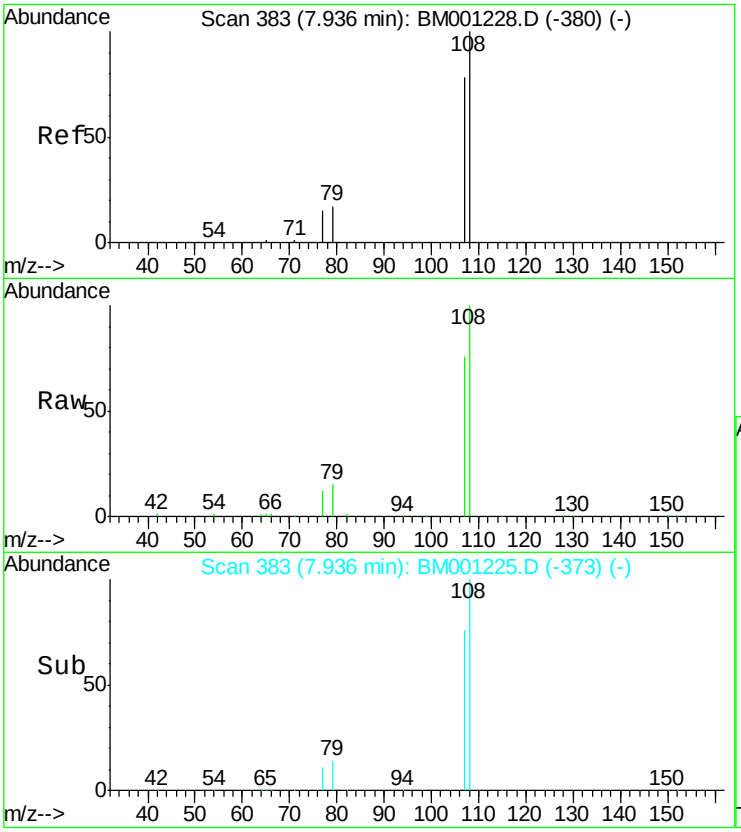


#6
Phenol
Concen: 11.34 ng
RT: 6.68 min Scan# 342
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion: 94 Resp: 49033

Ion	Ratio	Lower	Upper
94	100		
65	11.9	0.0	37.7
66	19.3	6.3	46.3



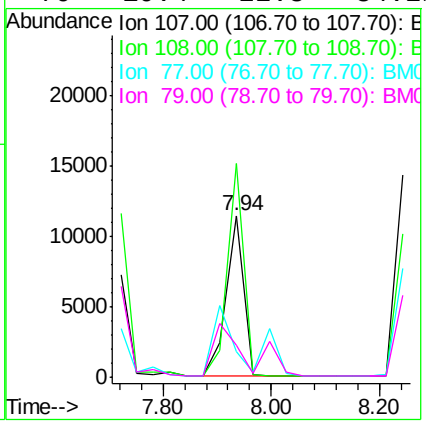


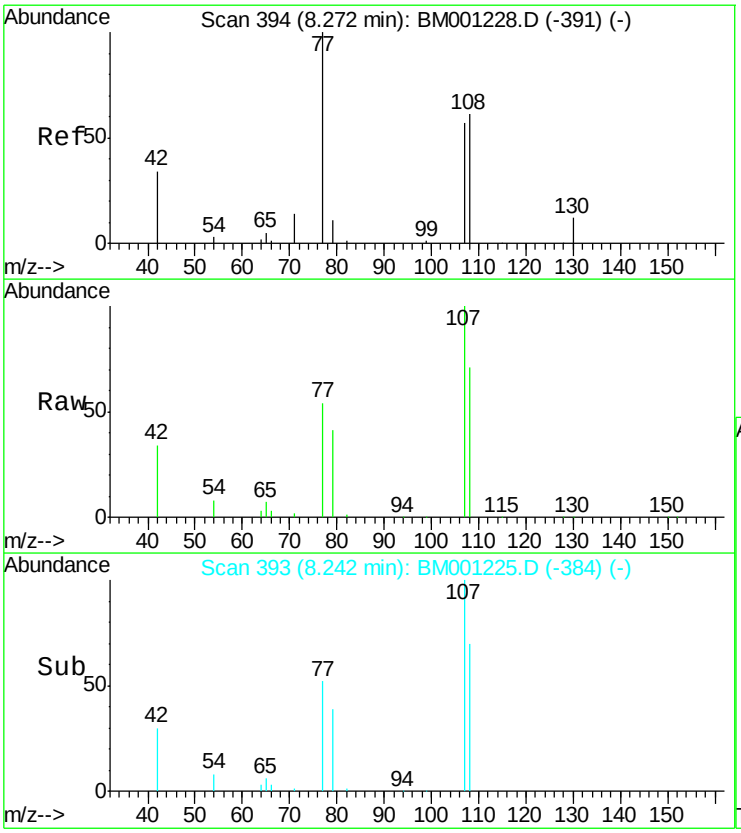
#7
2-Methylphenol
Concen: 11.24 ng
RT: 7.94 min Scan# 383
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 25635

Ion	Ratio	Lower	Upper
107	100		
108	132.2	100.9	151.3
77	15.6	20.3	30.5#
79	19.4	22.8	34.2#

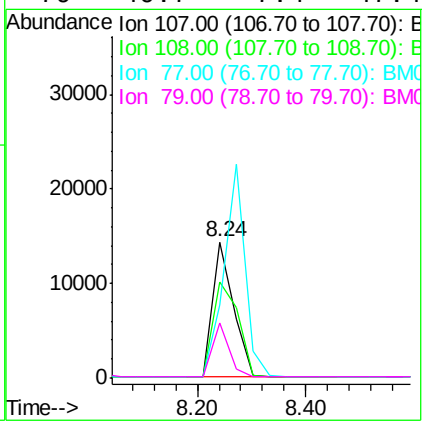


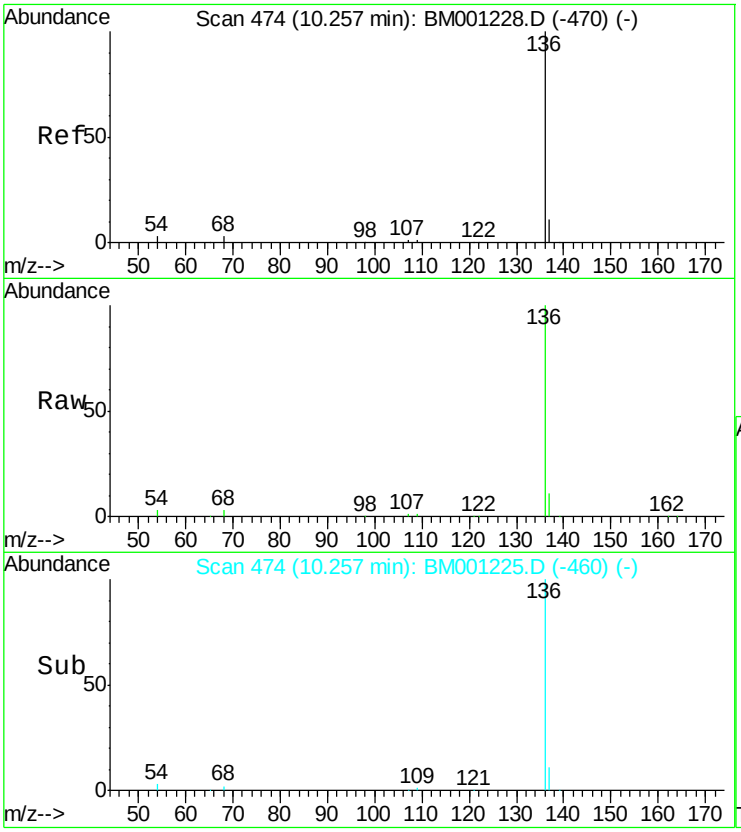


#8
3+4-Methylphenols
Concen: 13.01 ng
RT: 8.24 min Scan# 393
Delta R.T. -0.03 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:107 Resp: 38602

Ion	Ratio	Lower	Upper
107	100		
108	70.7	86.3	126.3#
77	53.6	151.7	191.7#
79	40.7	7.4	47.4



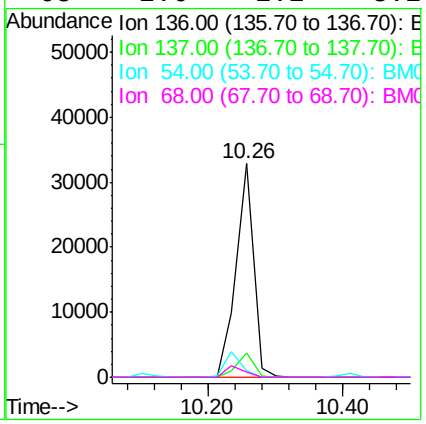


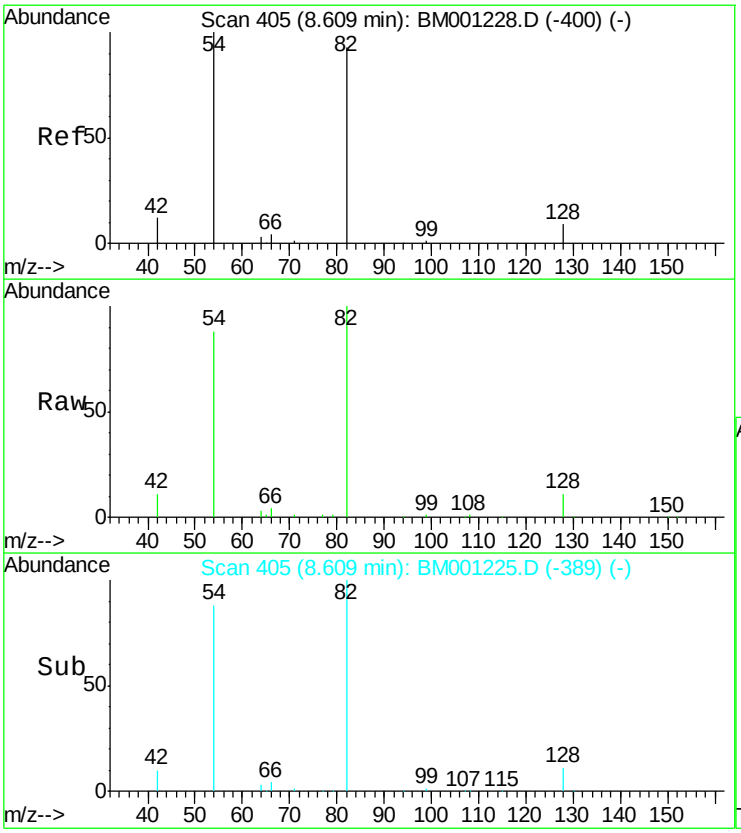
#9
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 474
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 58870

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	2.9	2.6	3.8
68	2.6	2.2	3.2

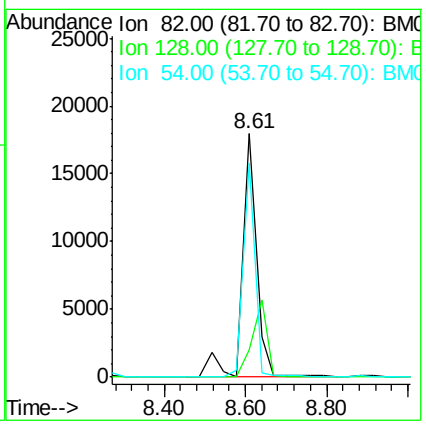


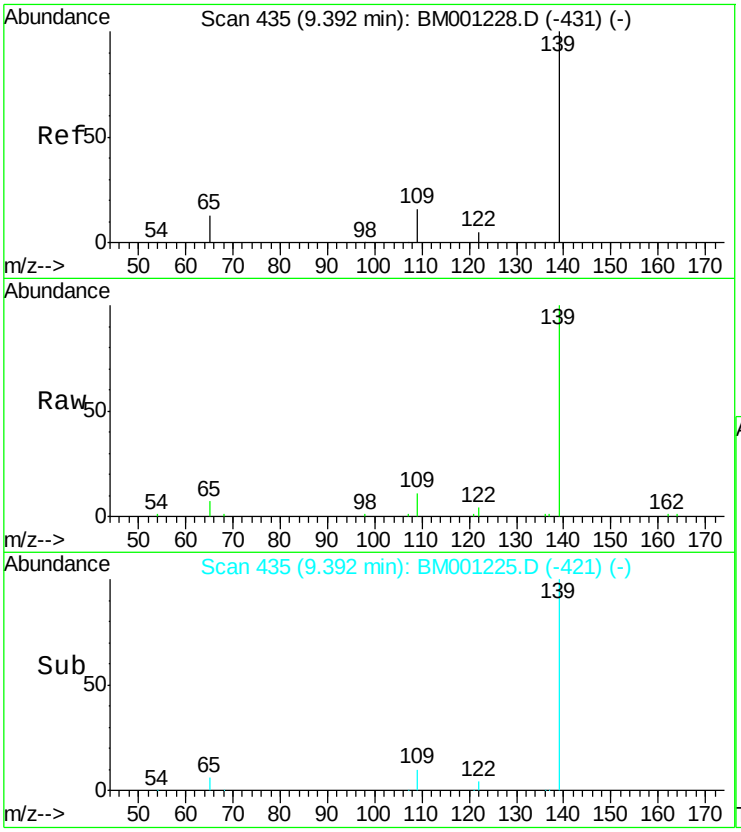


#10
Nitrobenzene-d5
Concen: 12.73 ng
RT: 8.61 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion: 82 Resp: 42655

Ion	Ratio	Lower	Upper
82	100		
128	0.0	0.0	0.0
54	71.2	59.0	88.6



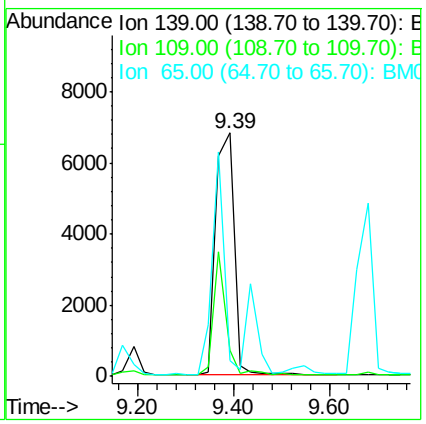


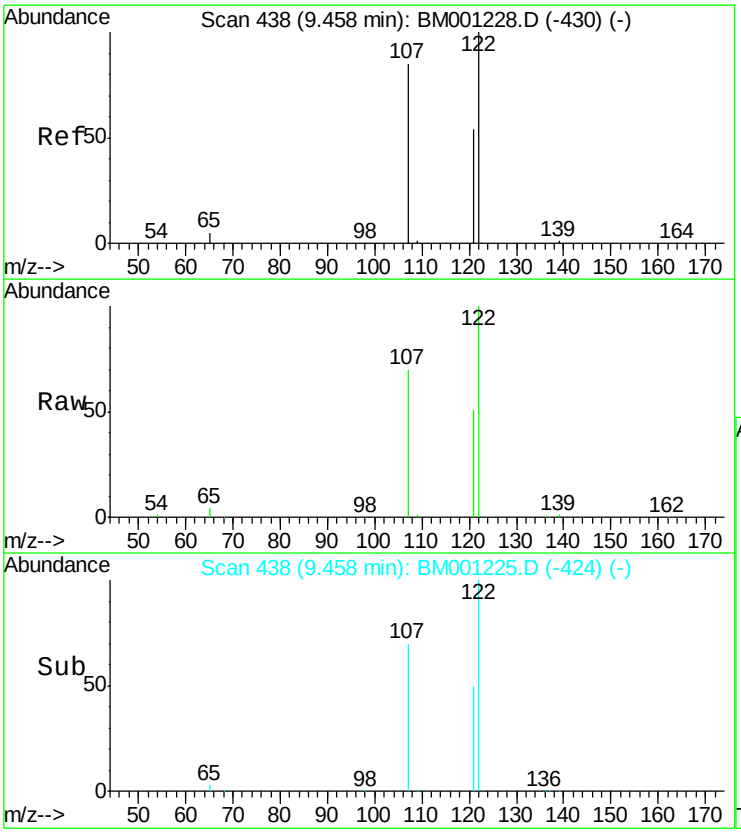
#11
2-Nitrophenol
Concen: 13.64 ng
RT: 9.39 min Scan# 435
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:139 Resp: 17978

Ion	Ratio	Lower	Upper
139	100		
109	10.8	19.5	29.3#
65	6.5	18.6	28.0#

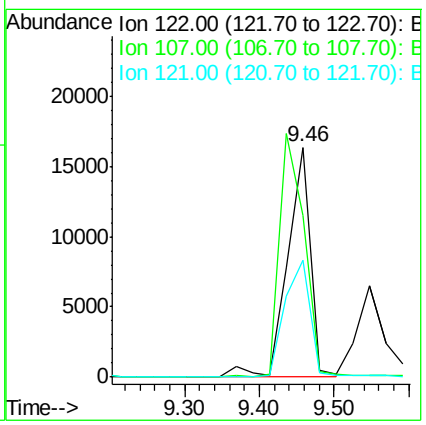


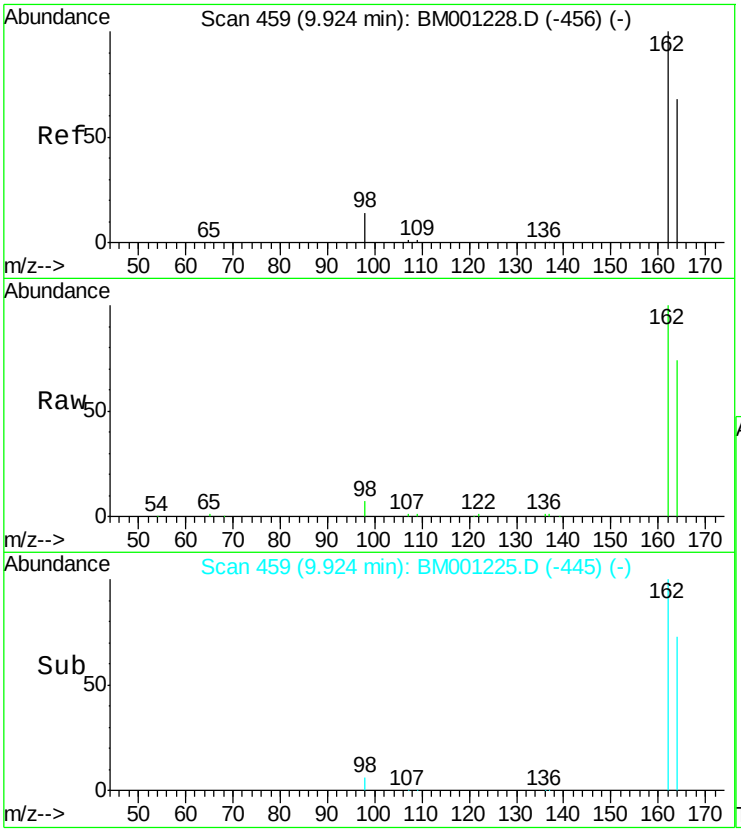


#12
2,4-Dimethylphenol
Concen: 12.00 ng
RT: 9.46 min Scan# 438
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:122 Resp: 34104

Ion	Ratio	Lower	Upper
122	100		
107	70.2	68.6	102.8
121	50.6	44.8	67.2



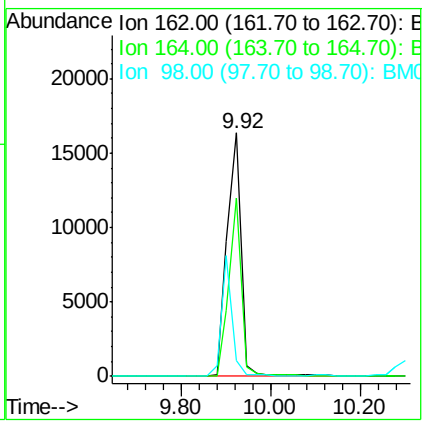


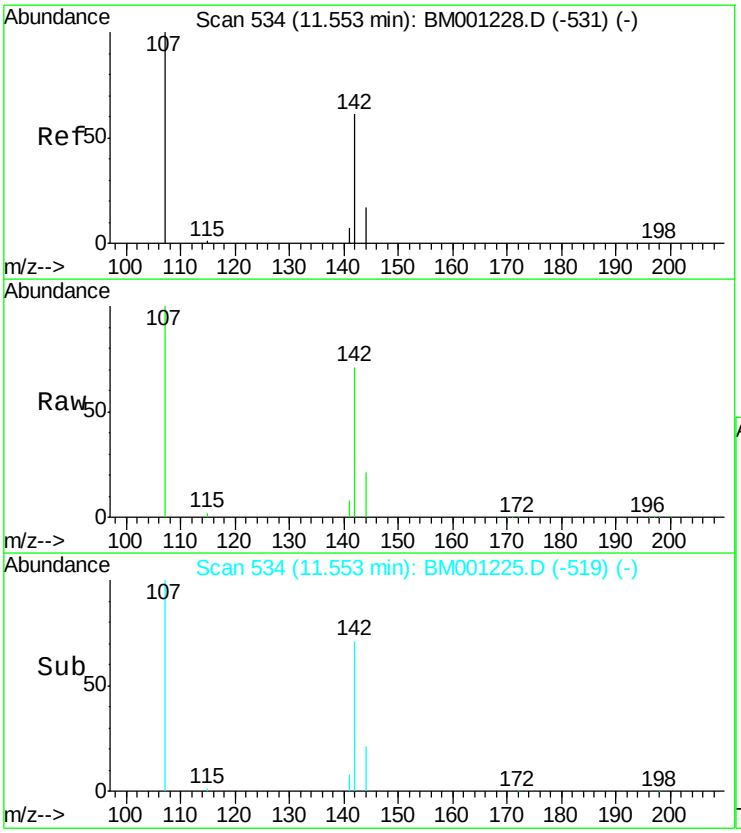
#13
2,4-Dichlorophenol
Concen: 12.25 ng
RT: 9.92 min Scan# 459
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 35422

Ion	Ratio	Lower	Upper
162	100		
164	73.5	49.2	89.2
98	6.5	0.0	37.4

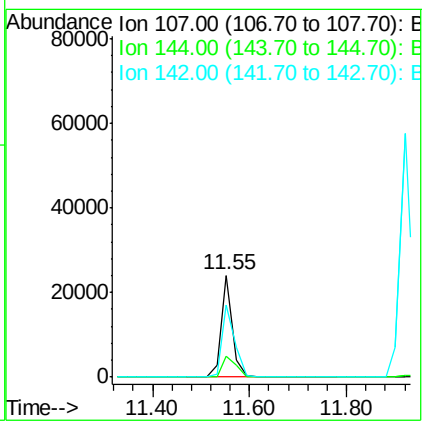


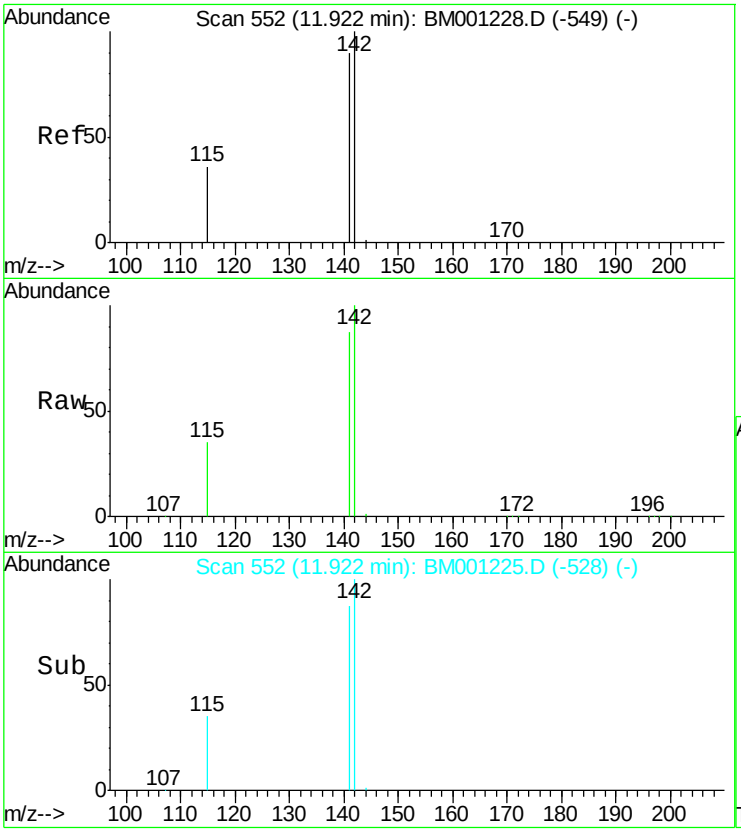


#14
4-Chloro-3-methylphenol
Concen: 12.93 ng
RT: 11.55 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:107 Resp: 38880

Ion	Ratio	Lower	Upper
107	100		
144	20.8	16.2	24.2
142	70.9	49.8	74.6



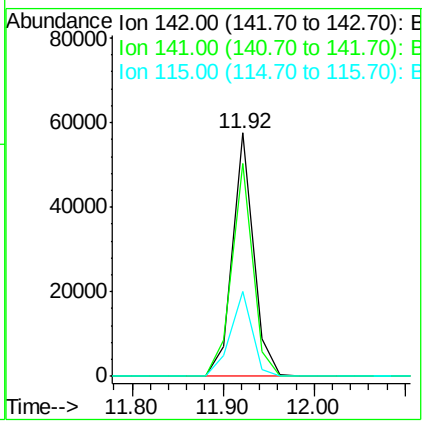


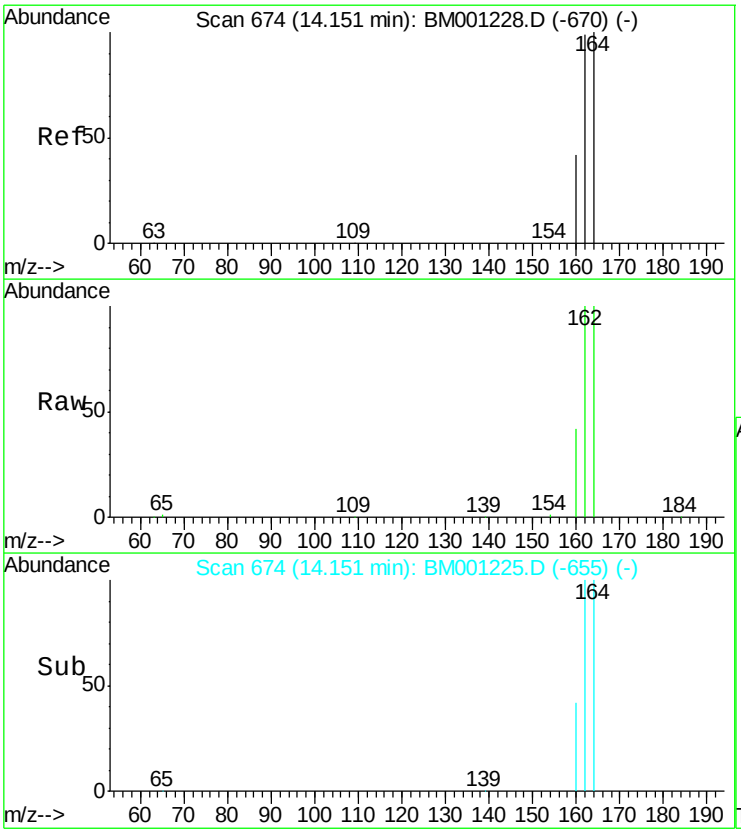
#15
2-Methylnaphthalene
Concen: 10.81 ng
RT: 11.92 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 90882

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.0
115	35.9	29.3	43.9

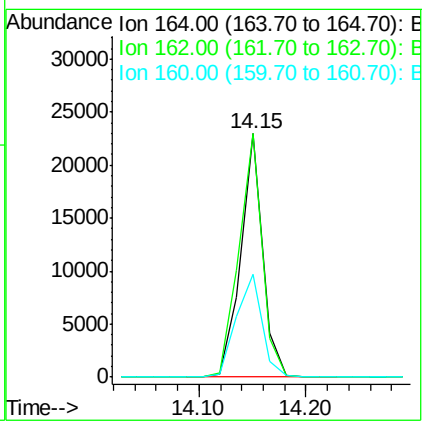


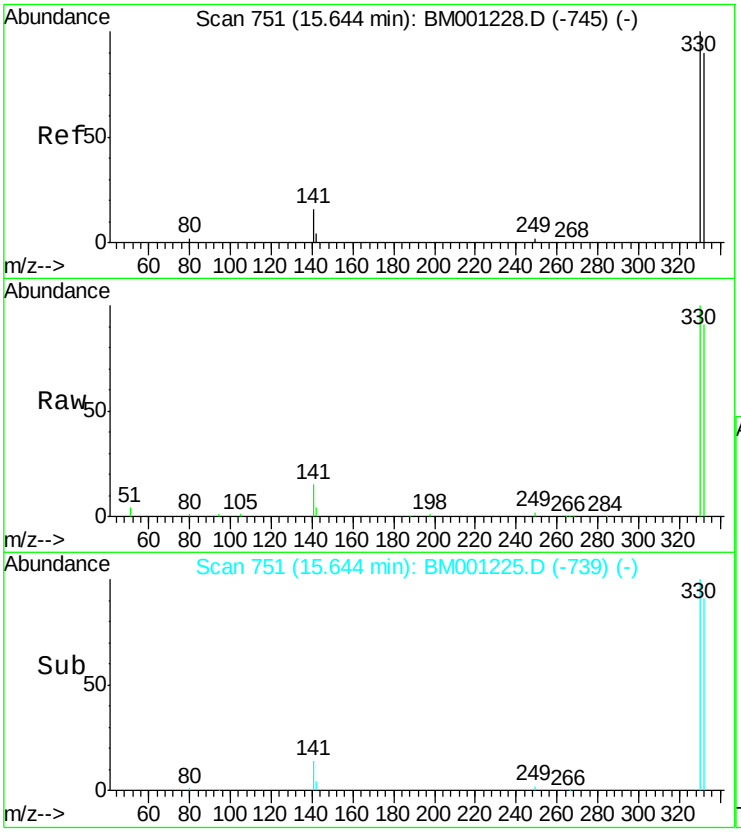


#16
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.15 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:164 Resp: 32276

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.2	118.8
160	42.1	33.7	50.5



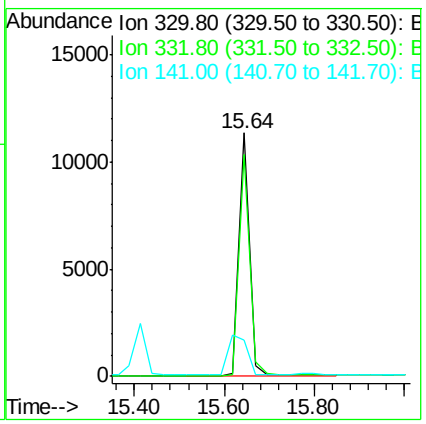


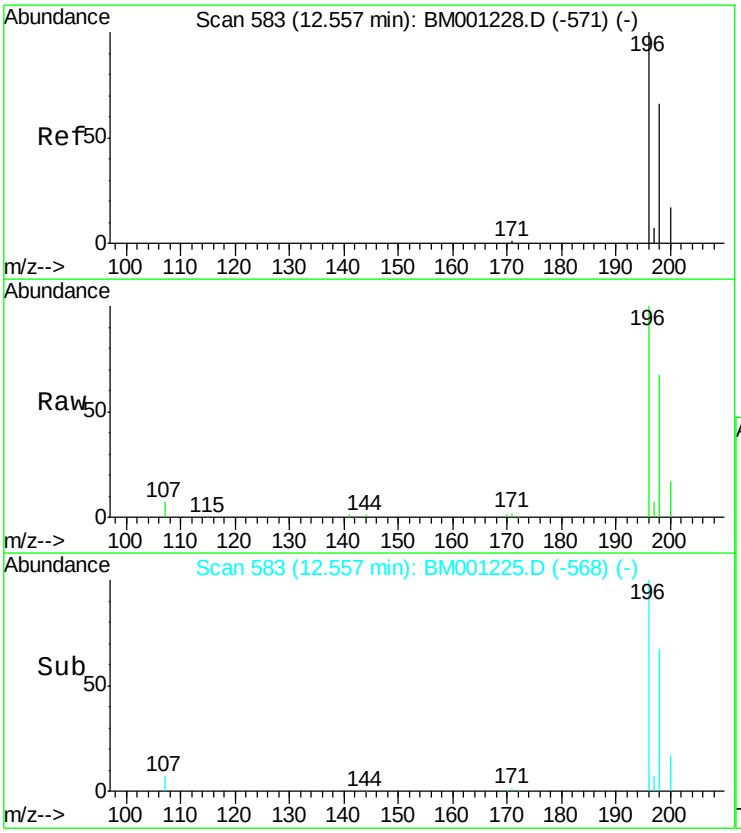
#17
2,4,6-Tribromophenol
Concen: 13.75 ng
RT: 15.64 min Scan# 751
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 18485

Ion	Ratio	Lower	Upper
330	100		
332	92.7	74.0	111.0
141	0.0	24.1	36.1#

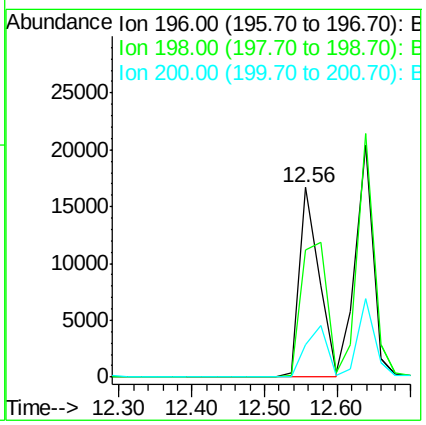


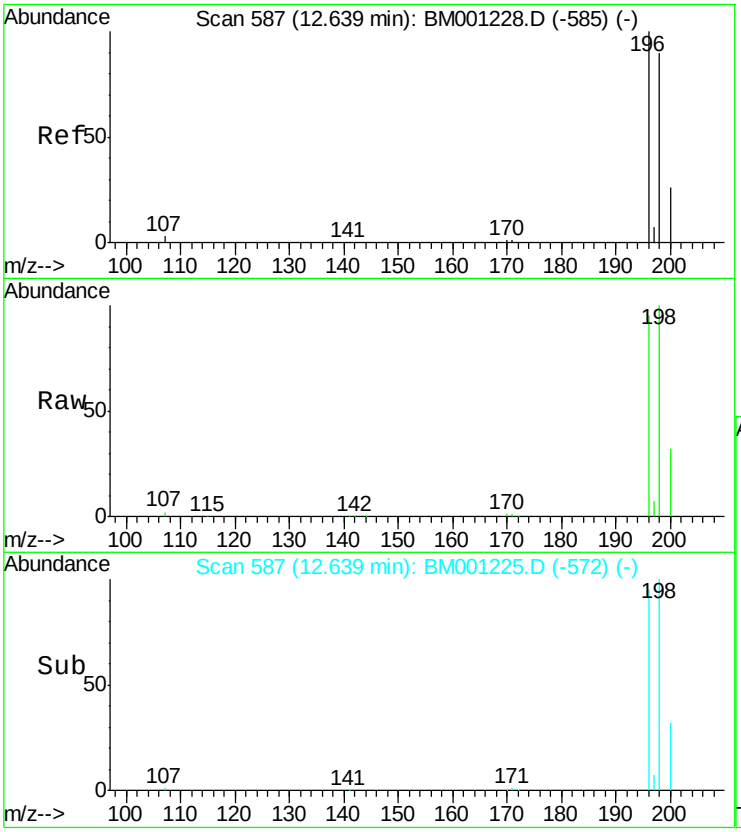


#18
2,4,6-Trichlorophenol
Concen: 13.11 ng
RT: 12.56 min Scan# 583
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:196 Resp: 31021

Ion	Ratio	Lower	Upper
196	100		
198	67.0	54.2	81.2
200	17.1	17.1	25.7



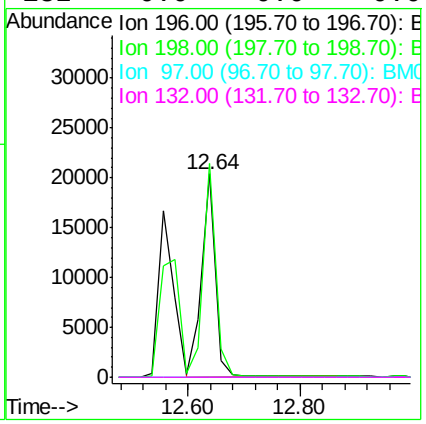


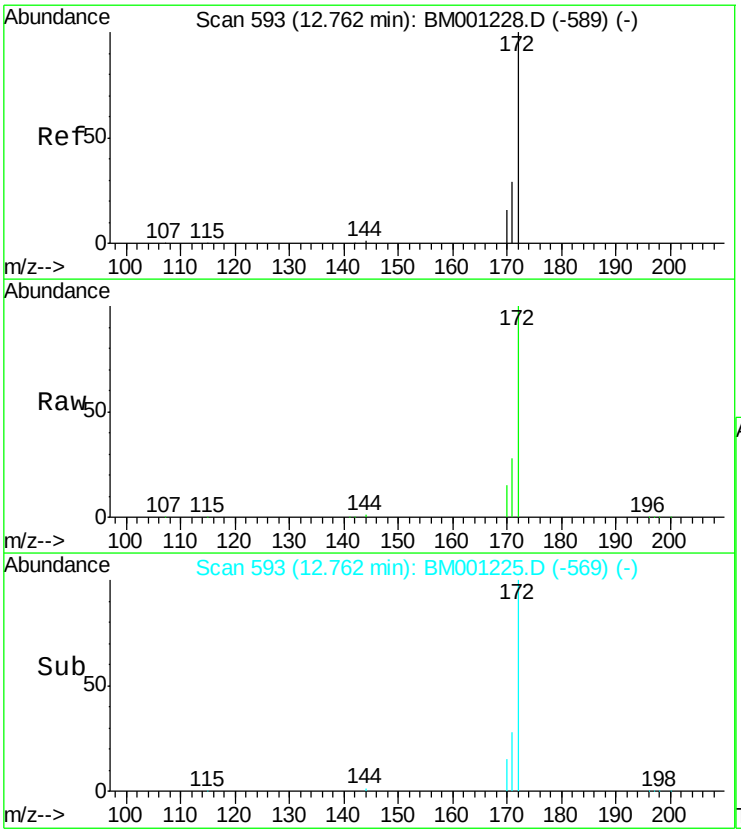
#19
2,4,5-Trichlorophenol
Concen: 13.00 ng
RT: 12.64 min Scan# 587
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 34668

Ion	Ratio	Lower	Upper
196	100		
198	105.1	73.6	110.4
97	0.0	0.0	0.0
132	0.0	0.0	0.0

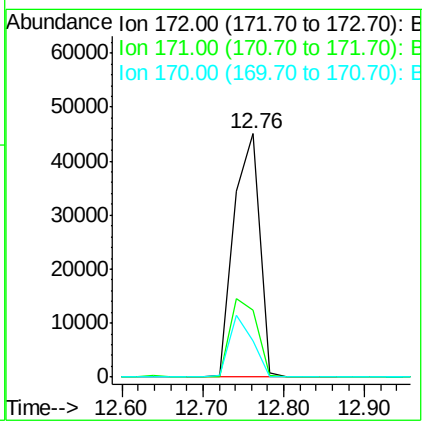


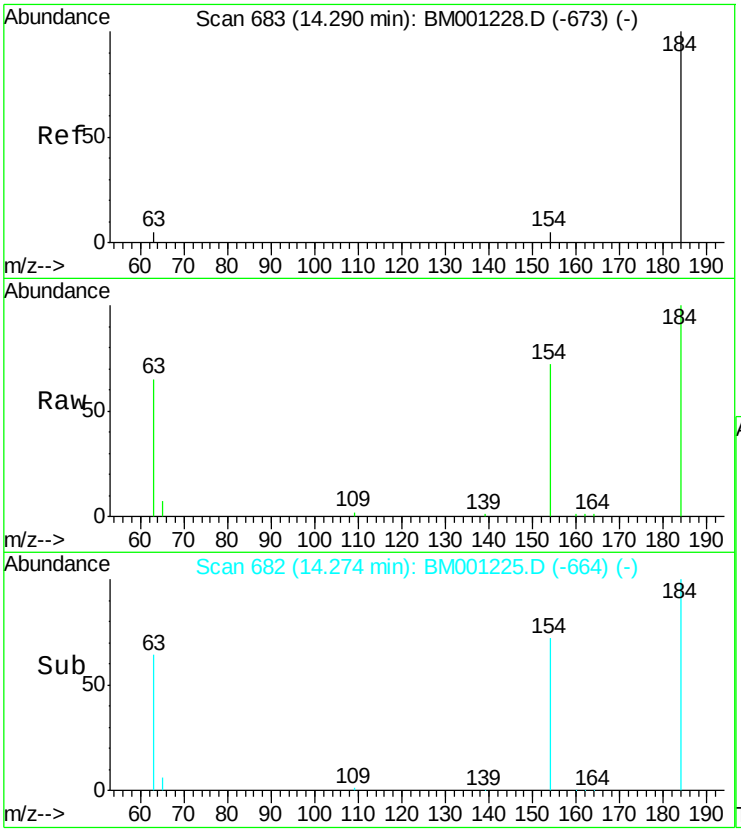


#20
2-Fluorobiphenyl
Concen: 9.84 ng
RT: 12.76 min Scan# 593
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:172 Resp: 98971

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



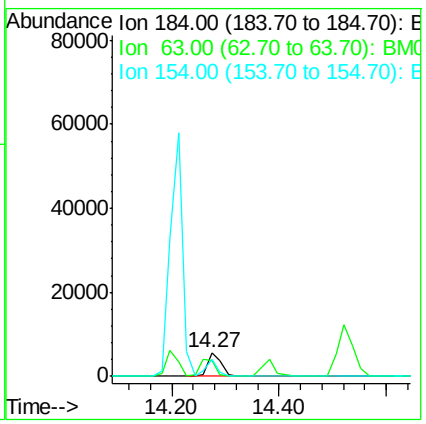


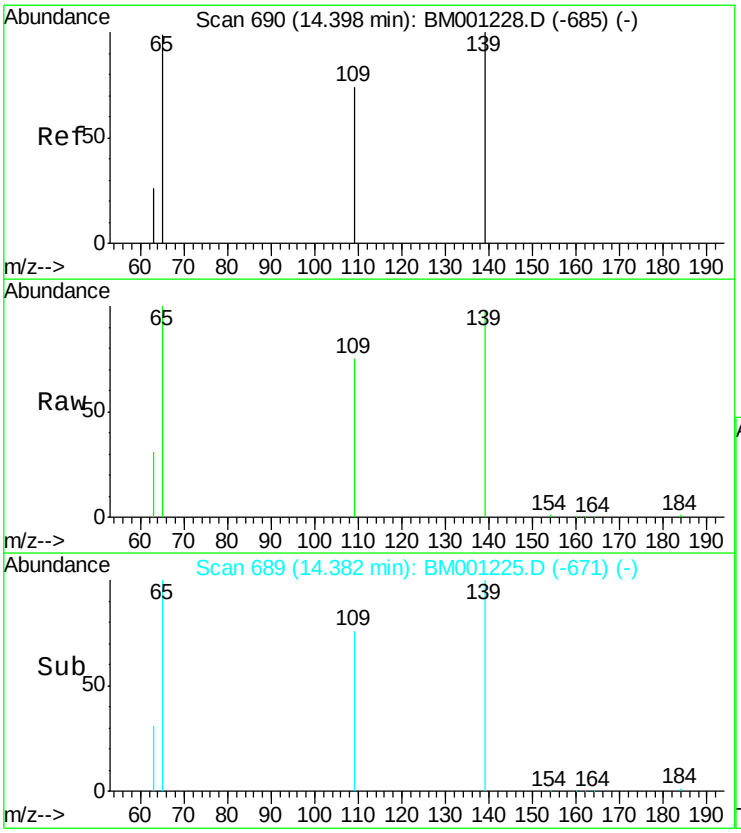
#21
2,4-Dinitrophenol
Concen: 24.11 ng
RT: 14.27 min Scan# 682
Delta R.T. -0.02 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 10258

Ion	Ratio	Lower	Upper
184	100		
63	64.7	52.0	78.0
154	71.8	51.4	77.2

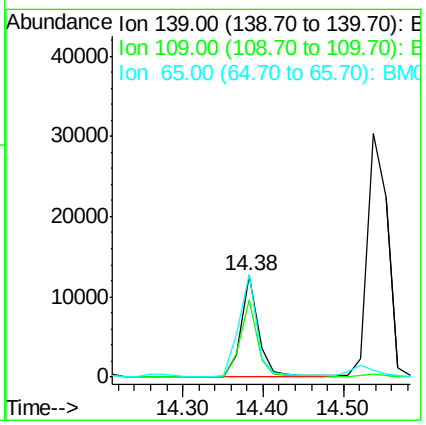


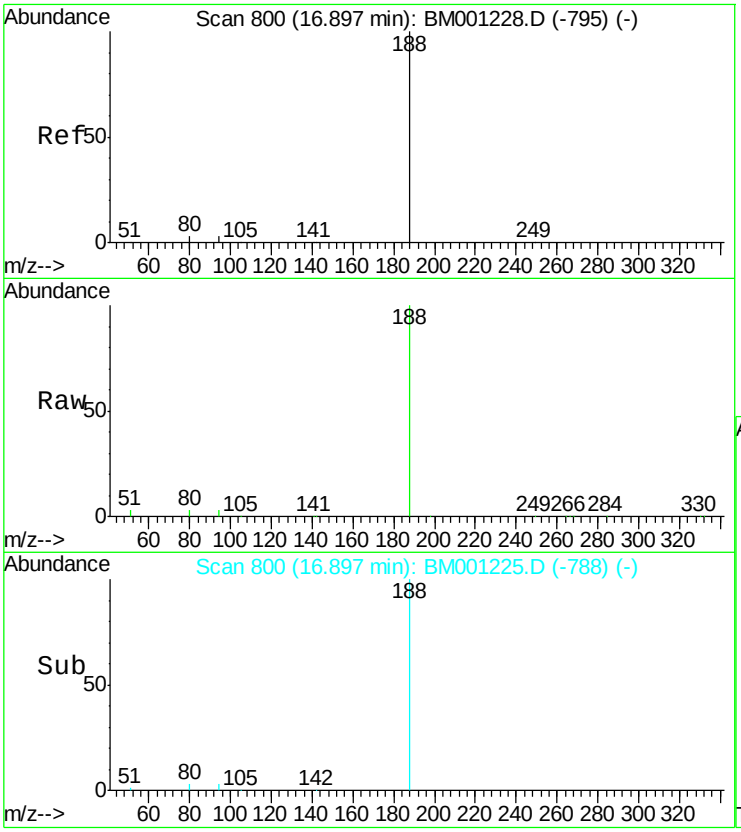


#22
4-Nitrophenol
Concen: 13.62 ng
RT: 14.38 min Scan# 689
Delta R.T. -0.02 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:139 Resp: 18688

Ion	Ratio	Lower	Upper
139	100		
109	76.0	60.0	100.0
65	101.9	85.7	125.7



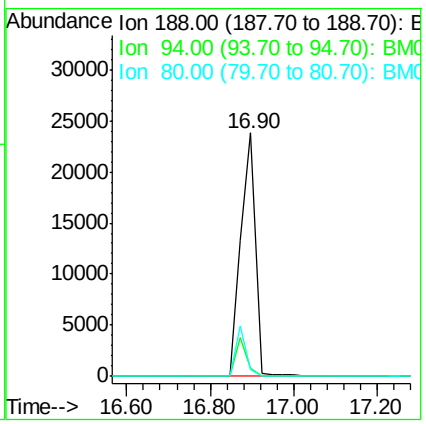


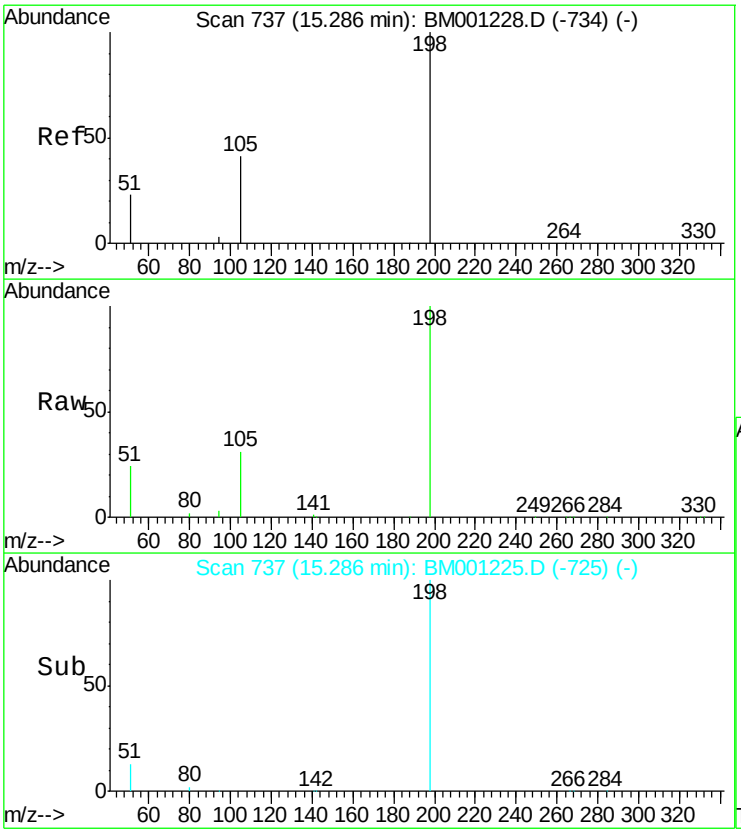
#23
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.90 min Scan# 800
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 57726

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

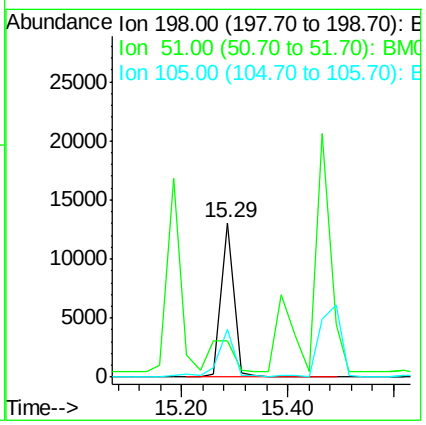


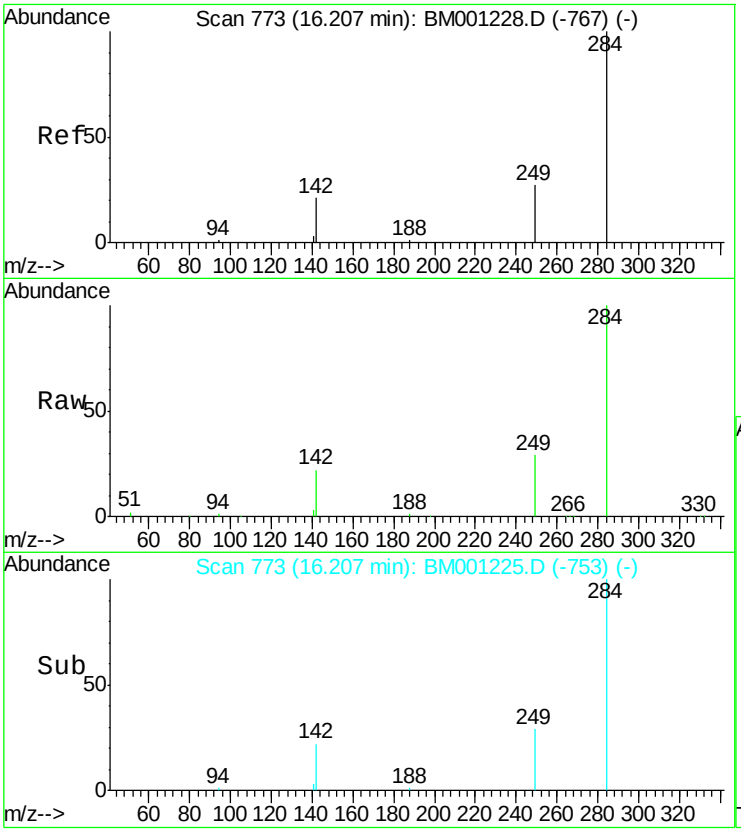


#24
4,6-Dinitro-2-methylphenol
Concen: 20.96 ng
RT: 15.29 min Scan# 737
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:198 Resp: 21129

Ion	Ratio	Lower	Upper
198	100		
51	23.7	60.8	100.8#
105	31.3	30.0	70.0



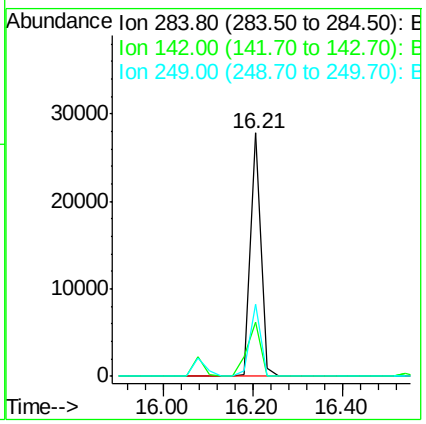


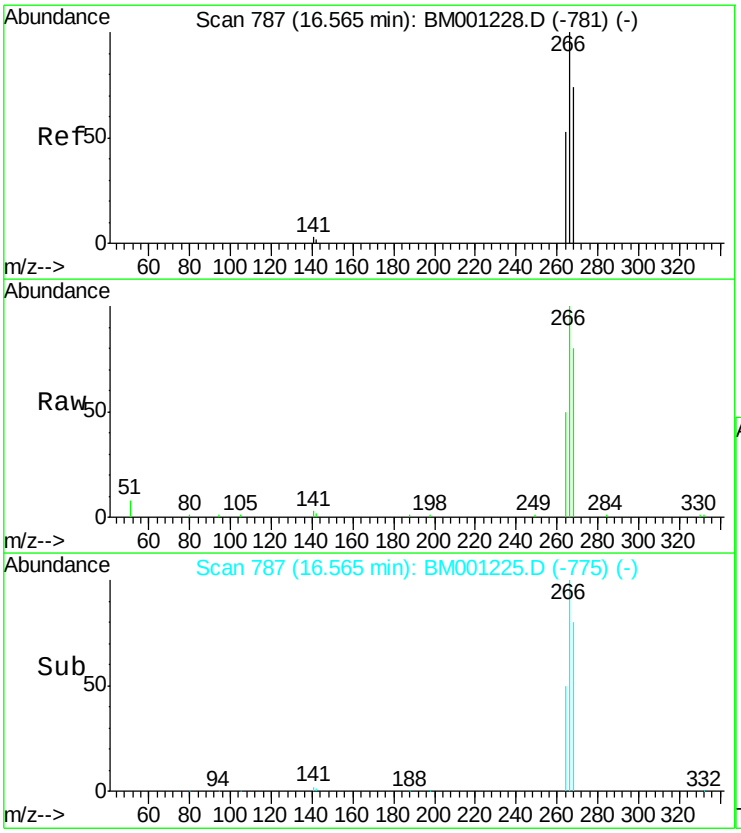
#25
Hexachlorobenzene
Concen: 10.44 ng
RT: 16.21 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 44354

Ion	Ratio	Lower	Upper
284	100		
142	29.3	23.3	34.9
249	30.2	23.3	34.9

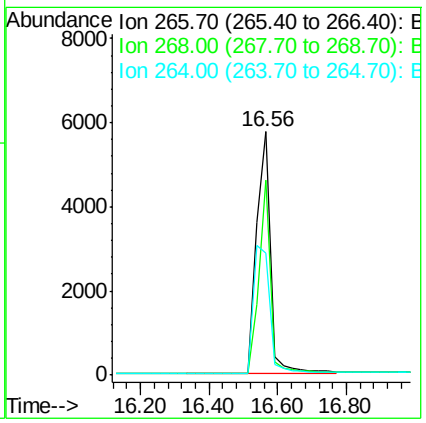


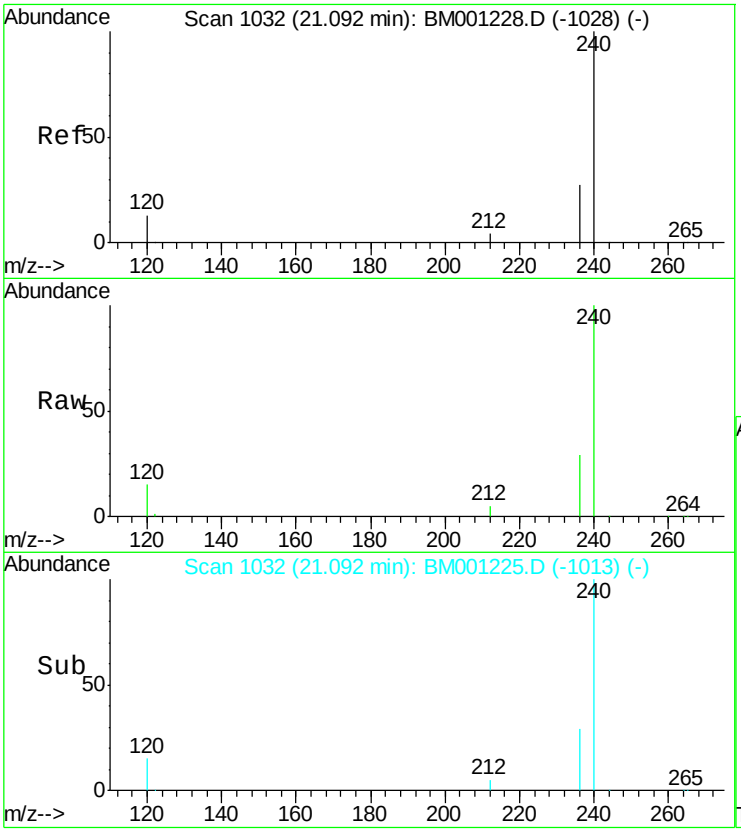


#26
Pentachlorophenol
Concen: 16.62 ng
RT: 16.56 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:266 Resp: 15688

Ion	Ratio	Lower	Upper
266	100		
268	80.2	62.6	94.0
264	50.2	47.9	71.9



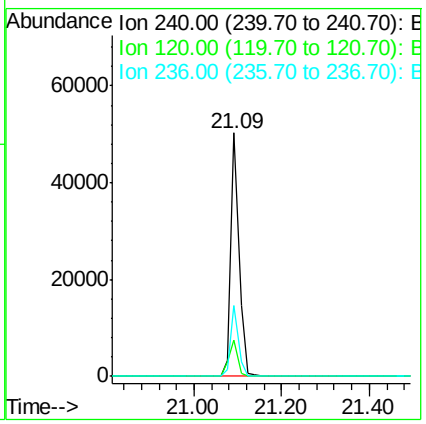


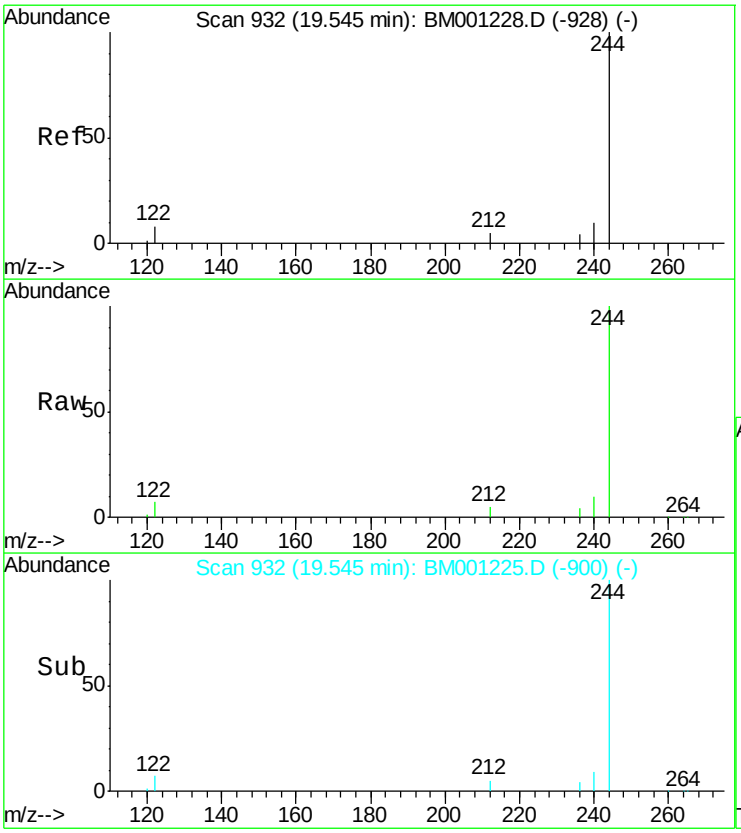
#27
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 64334

Ion	Ratio	Lower	Upper
240	100		
120	14.7	10.4	15.6
236	29.2	22.0	33.0

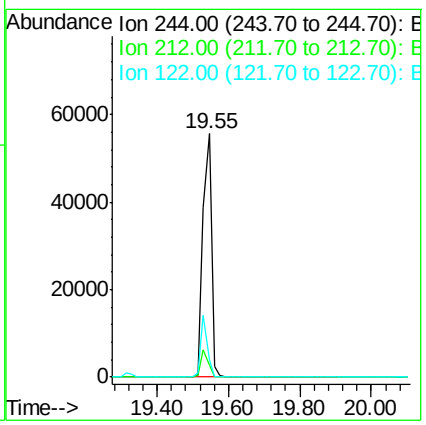


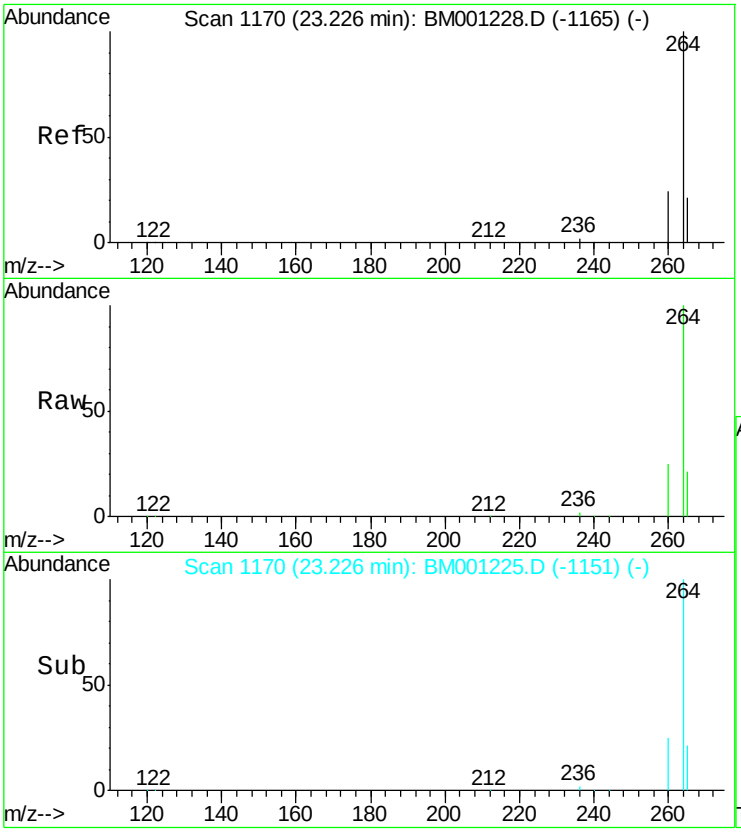


#28
Terphenyl-d14
Concen: 0.07 ng
RT: 19.55 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001225.D
Acq: 06 May 2015 20:05

Tgt Ion:244 Resp: 90818

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	19.4	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: BM001225.D
Acq: 06 May 2015 20:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 57831

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.3	17.4	26.2