Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
Data File : BM002903.D
Acq On : 14 Oct 2015 18:52
Operator : UM/IZ
Sample : G3692-08 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PT-ACIDS-WP

Quant Time: Oct 15 01:04:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 01:02:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	83489	5.00	ng		0.01
8) Naphthalene-d8	11.50	136	339719	5.00	ng		0.00
14) Acenaphthene-d10	15.25	164	173610	5.00	ng		0.00
21) Phenanthrene-d10	17.95	188	408417	5.00	ng		0.00
24) Chrysene-d12	22.04	240	382314	5.00	ng		0.00
26) Perylene-d12	24.61	264	351167	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	6.12	112	93355	5.80	ng		-0.03
3) Phenol-d6	7.77	99	122862	5.36	ng		-0.03
9) Nitrobenzene-d5	9.85	82	66337	3.54	ng		-0.01
15) 2,4,6-Tribromophenol	16.71	330	39436	6.22	ng		0.00
18) 2-Fluorobiphenyl	13.87	172	224744	3.96	ng		0.00
25) Terphenyl-d14	20.48	244	217023	3.73	ng		0.00
Target Compounds							Qvalue
4) 2-Chlorophenol	8.20	128	64023	3.01	ng	#	71
5) Phenol	7.80	94	121111	5.38	ng		90
6) 2-Methylphenol	9.10	107	54936	3.19	ng	#	89
7) 3+4-Methylphenols	9.41	107	131881	6.19	ng	#	29
10) 2-Nitrophenol	10.62	139	28996	3.39	ng	#	74
11) 2,4-Dimethylphenol	10.64	122	68683	3.66	ng		91
12) 2,4-Dichlorophenol	11.17	162	88568	6.06	ng		97
13) 4-Chloro-3-methylphenol	12.74	107	119372	6.53	ng		87
16) 2,4,6-Trichlorophenol	13.72	196	16636	1.47	ng	#	73
17) 2,4,5-Trichlorophenol	13.83	196	19495	1.62	ng	#	92
19) 2,4-Dinitrophenol	15.43	184	4897	3.89	ng		96
20) 4-Nitrophenol	15.47	139	24017	3.38	ng	#	70
22) 4,6-Dinitro-2-methylphenol	16.38	198	5699	1.81	ng	#	73
23) Pentachlorophenol	17.62	266	18852	4.18	ng		91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
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Misc :
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Instrument :
BNA_M
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PT-ACIDS-WP

Quant Time: Oct 15 01:04:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 01:02:42 2015
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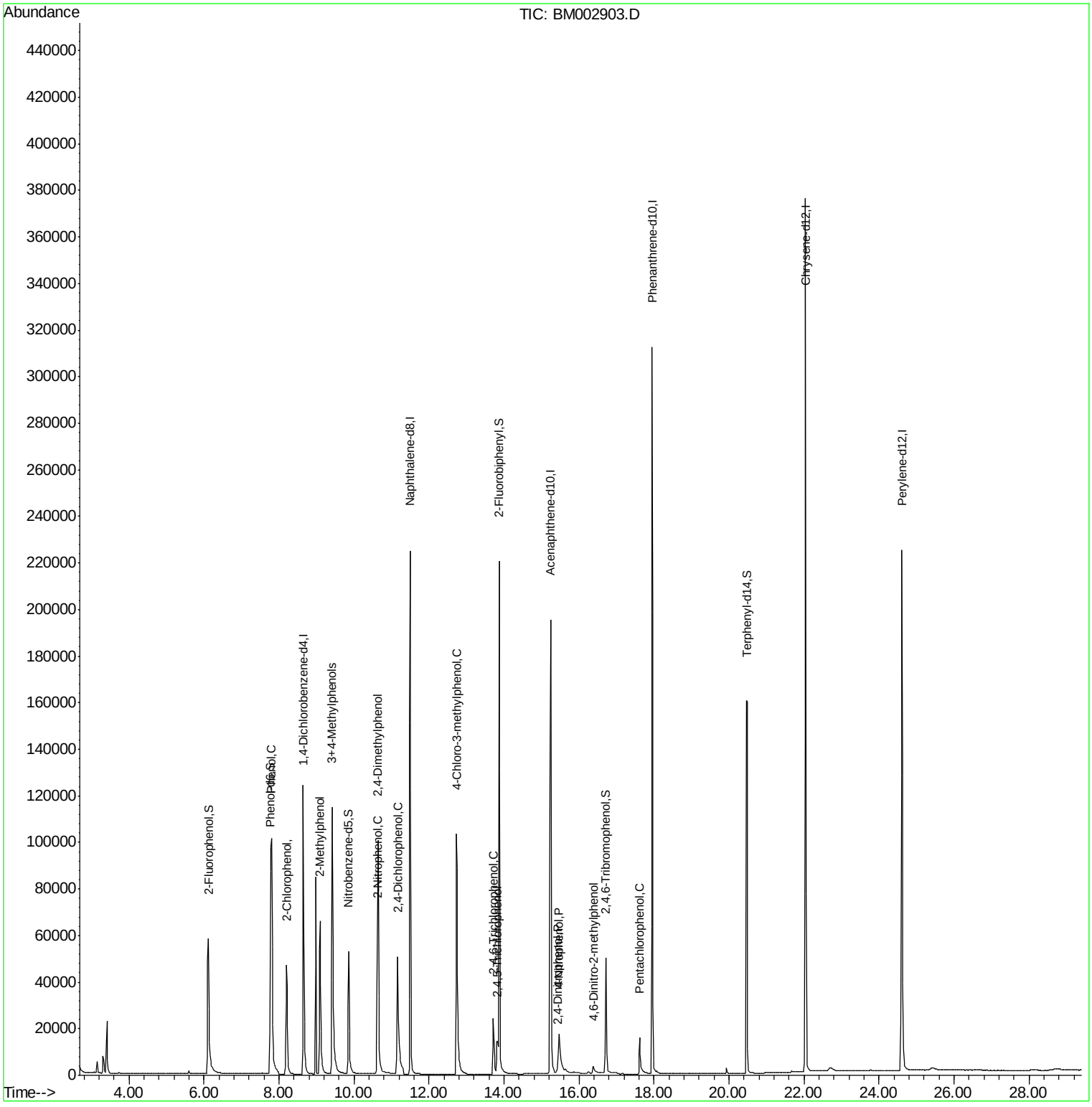
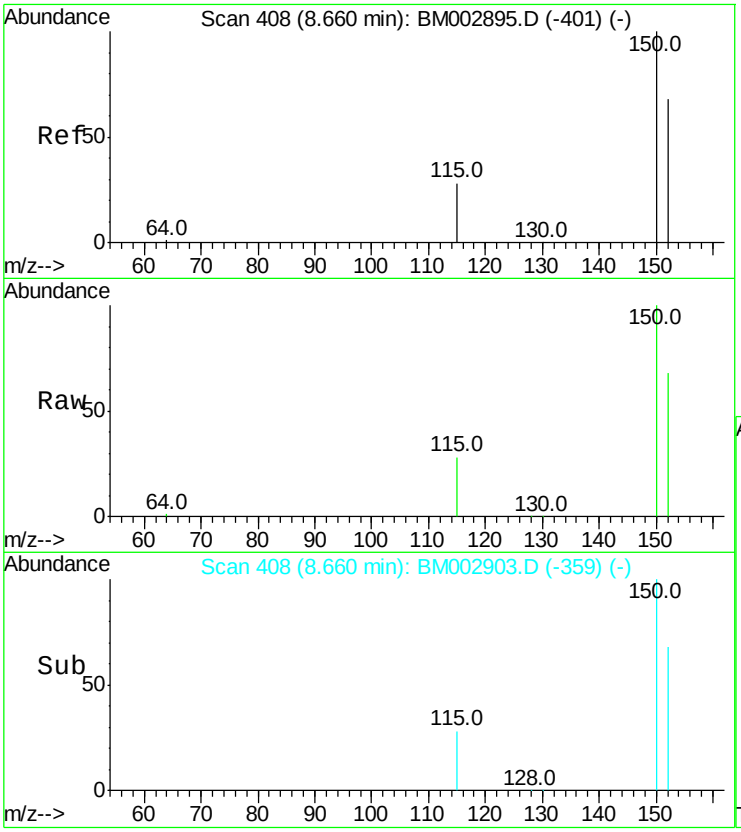


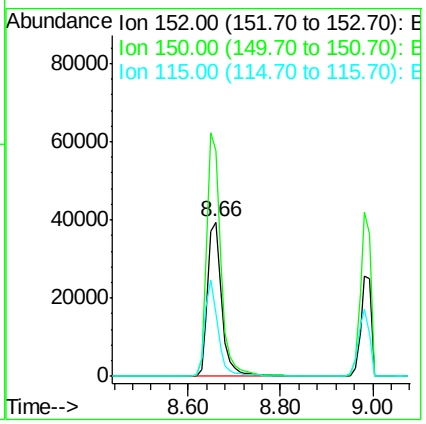


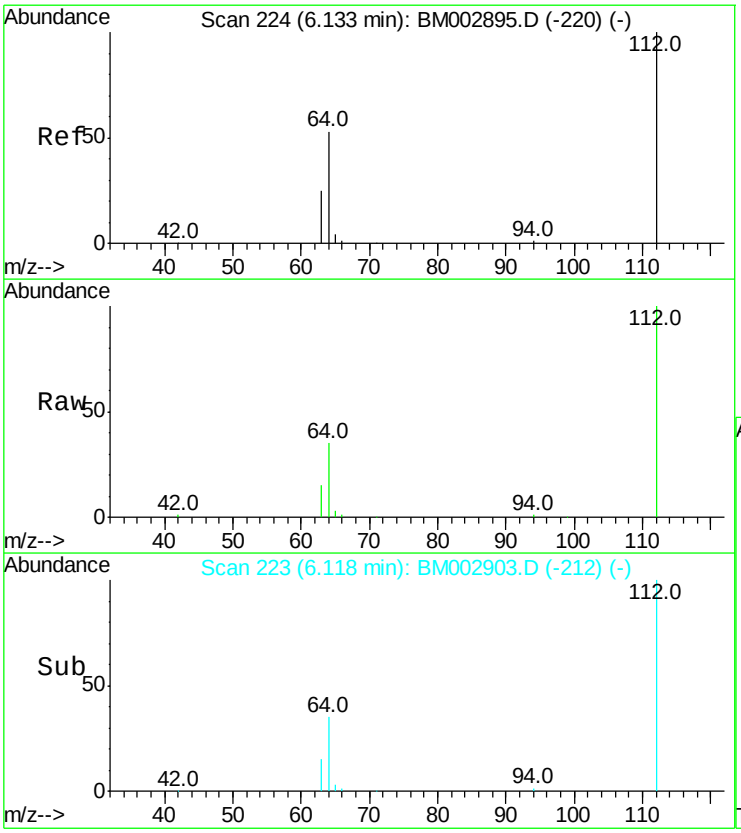
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 408
Delta R.T. 0.01 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:152 Resp: 83489

Ion	Ratio	Lower	Upper
152	100		
150	146.2	116.3	174.5
115	41.2	31.9	47.9

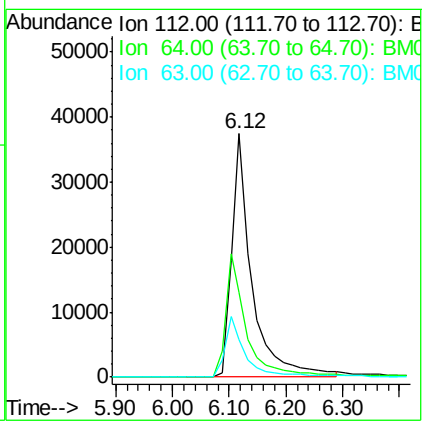


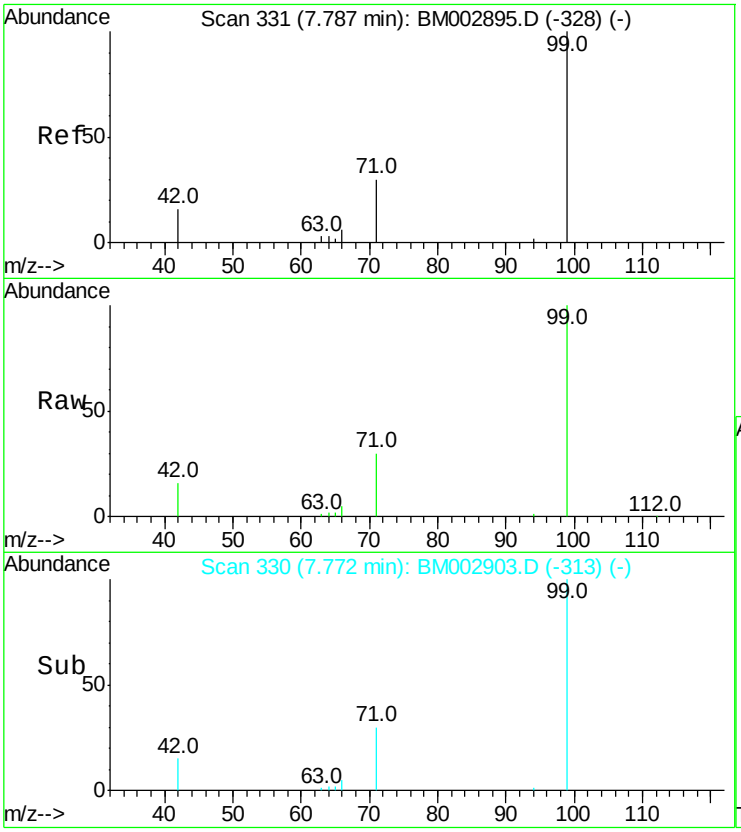


#2
2-Fluorophenol
Concen: 5.80 ng
RT: 6.12 min Scan# 223
Delta R.T. -0.03 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:112 Resp: 93355

Ion	Ratio	Lower	Upper
112	100		
64	35.1	49.3	73.9#
63	15.3	26.2	39.4#



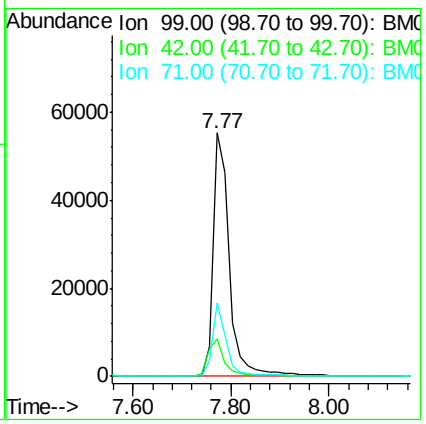


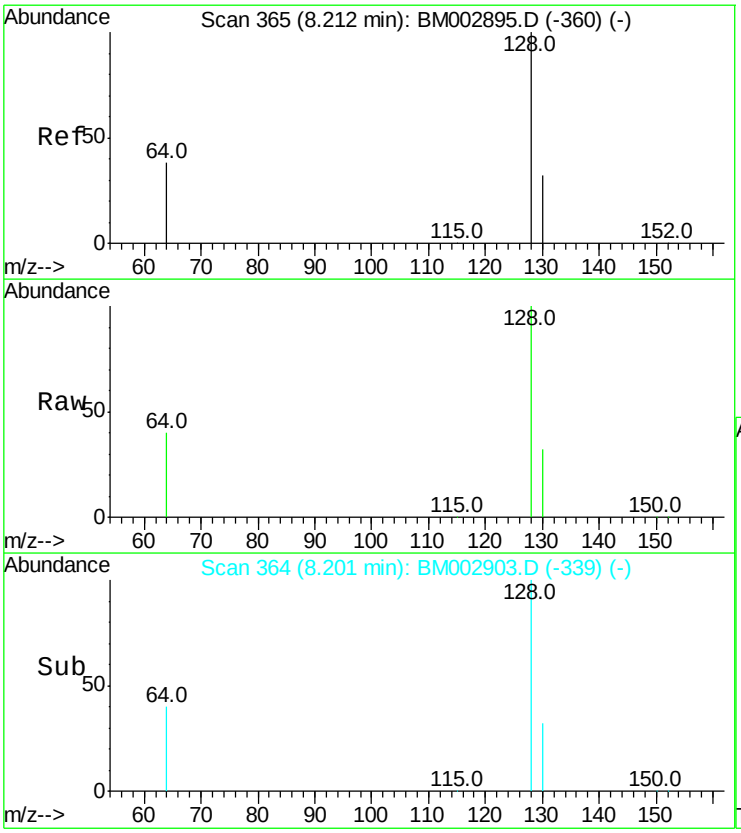
#3
Phenol-d6
Concen: 5.36 ng
RT: 7.77 min Scan# 330
Delta R.T. -0.03 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 99 Resp: 122862

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.1	18.1
71	30.4	26.4	39.6

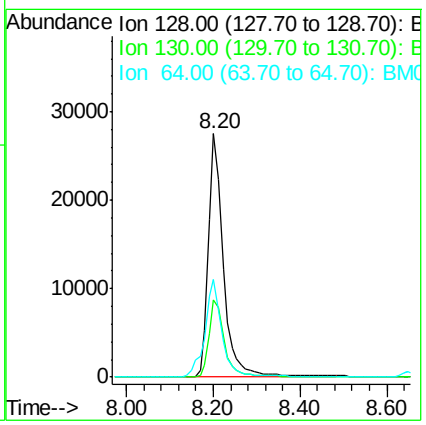


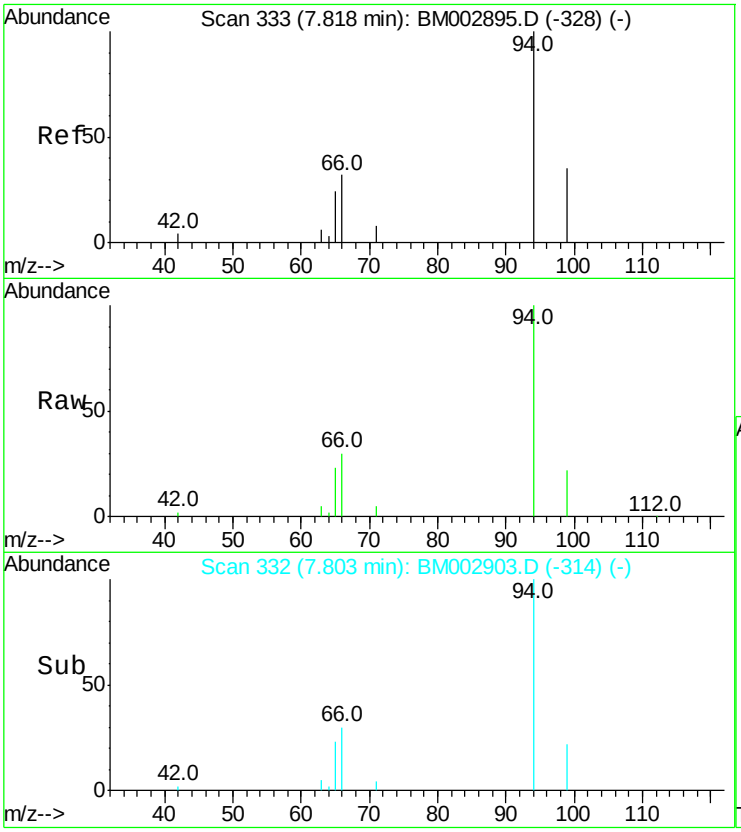


#4
2-Chlorophenol
Concen: 3.01 ng
RT: 8.20 min Scan# 364
Delta R.T. -0.01 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:128 Resp: 64023

Ion	Ratio	Lower	Upper
128	100		
130	31.5	22.2	62.2
64	39.9	0.0	28.7#



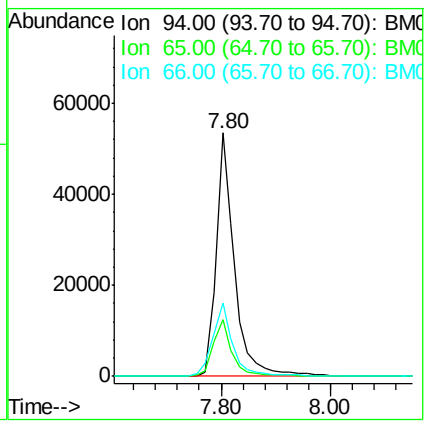


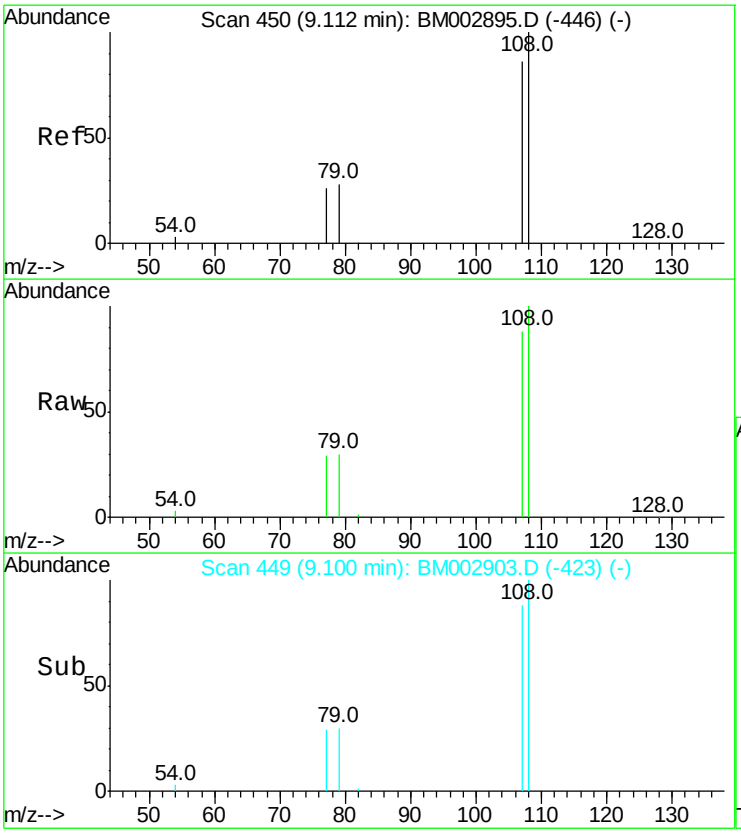
#5
Phenol
Concen: 5.38 ng
RT: 7.80 min Scan# 332
Delta R.T. -0.02 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 94 Resp: 121111

Ion	Ratio	Lower	Upper
94	100		
65	23.1	0.0	37.7
66	30.4	6.3	46.3

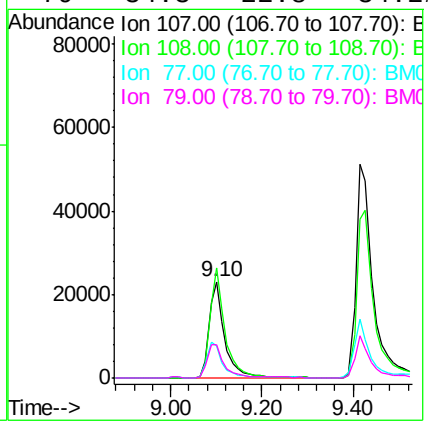


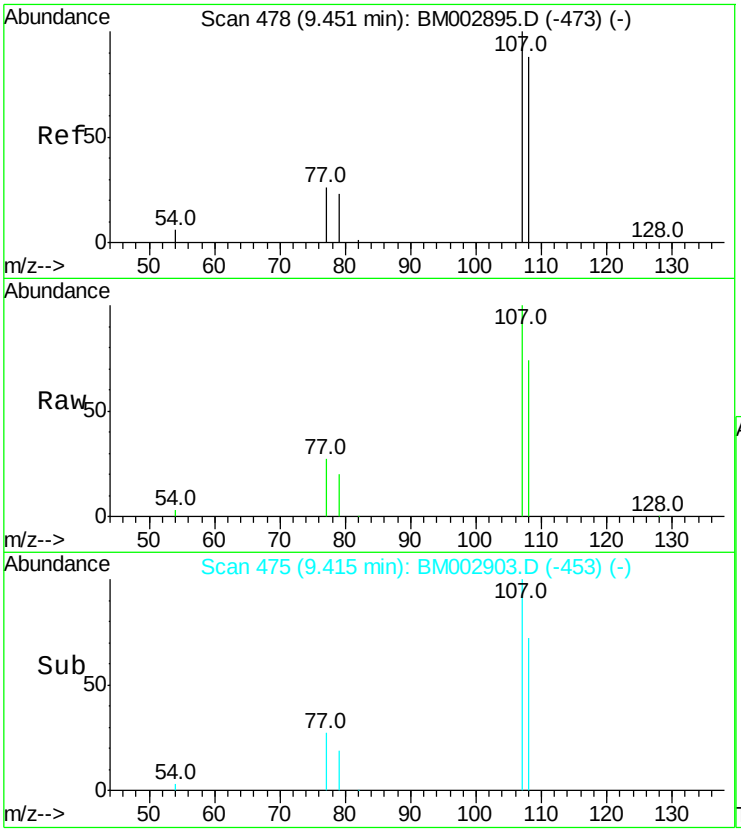


#6
2-Methylphenol
Concen: 3.19 ng
RT: 9.10 min Scan# 449
Delta R.T. -0.01 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:107 Resp: 54936

Ion	Ratio	Lower	Upper
107	100		
108	113.9	100.9	151.3
77	32.5	20.3	30.5#
79	34.3	22.8	34.2#



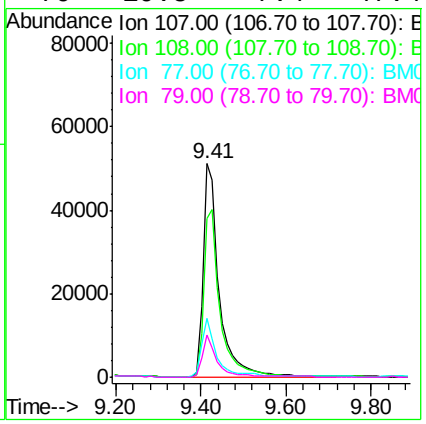


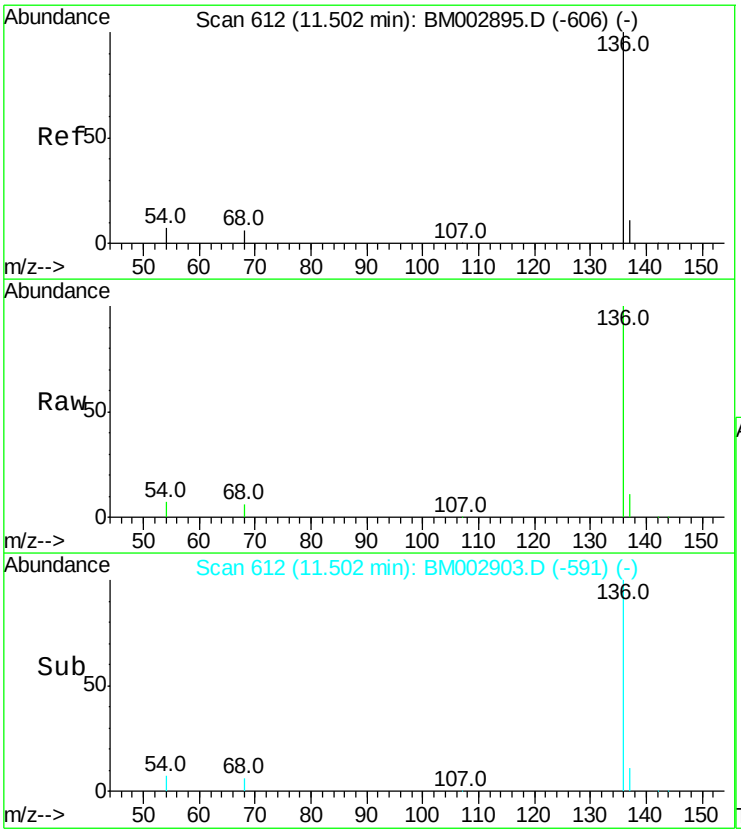
#7
3+4-Methylphenols
Concen: 6.19 ng
RT: 9.41 min Scan# 475
Delta R.T. -0.04 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:107 Resp: 131881

Ion	Ratio	Lower	Upper
107	100		
108	74.0	86.3	126.3#
77	27.4	151.7	191.7#
79	19.5	7.4	47.4

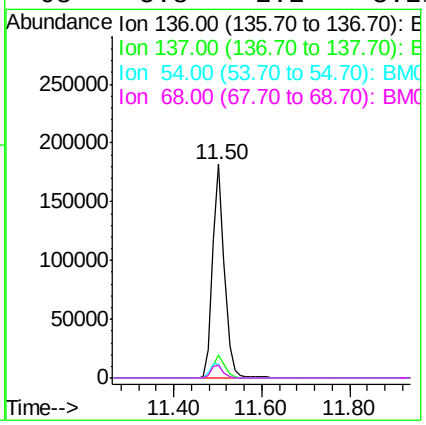


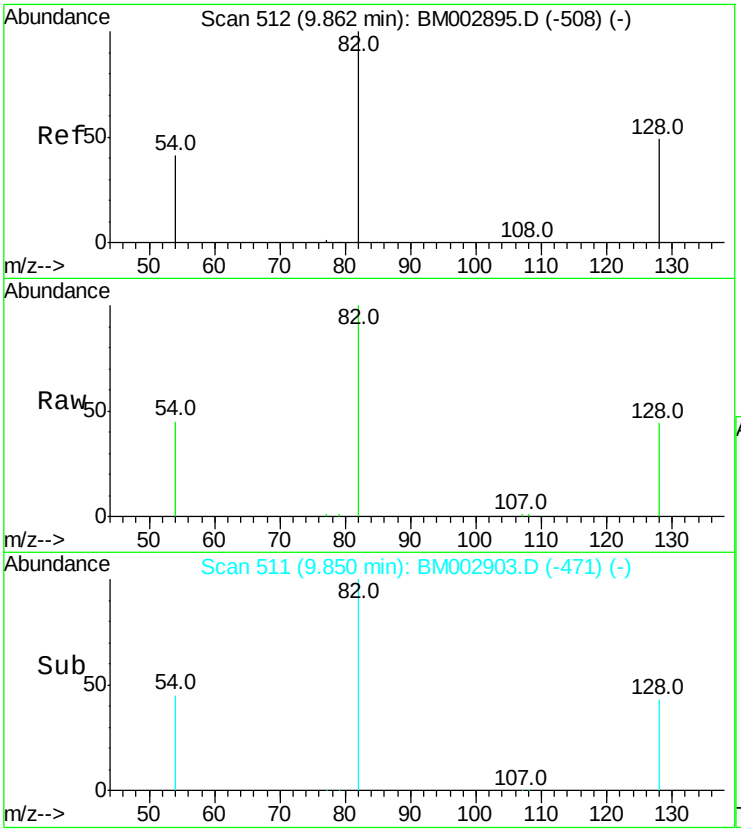


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 11.50 min Scan# 612
Delta R.T. -0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:136 Resp: 339719

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.7	2.6	3.8#
68	5.8	2.2	3.2#



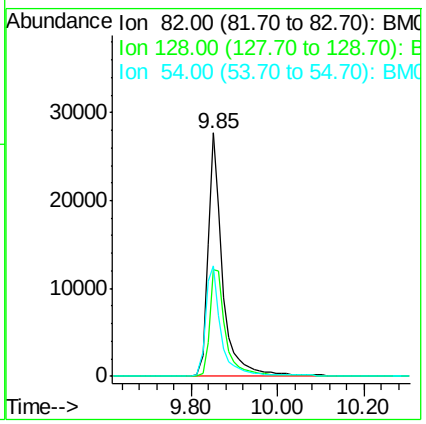


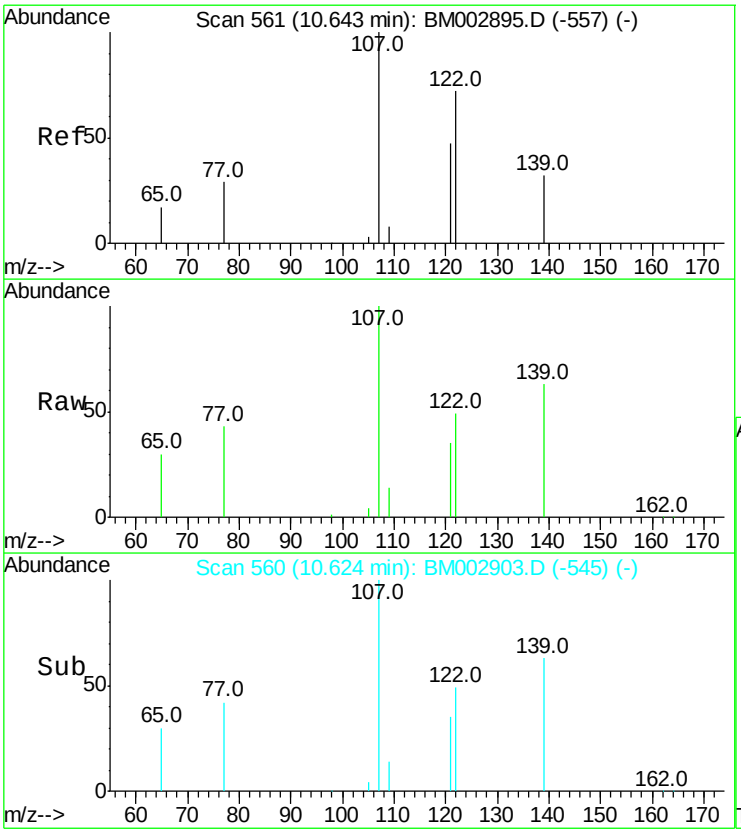
#9
Nitrobenzene-d5
Concen: 3.54 ng
RT: 9.85 min Scan# 511
Delta R.T. -0.01 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 82 Resp: 66337

Ion	Ratio	Lower	Upper
82	100		
128	49.9	0.0	0.0#
54	49.2	59.0	88.6#

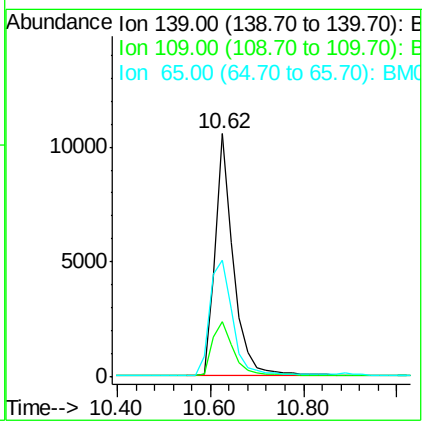


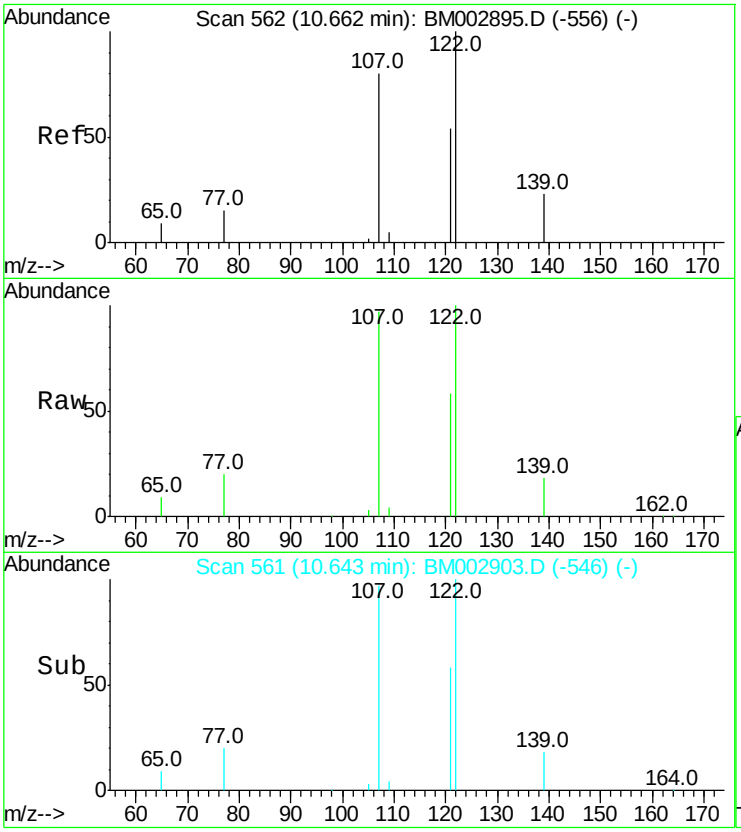


#10
2-Nitrophenol
Concen: 3.39 ng
RT: 10.62 min Scan# 560
Delta R.T. -0.02 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:139 Resp: 28996

Ion	Ratio	Lower	Upper
139	100		
109	23.0	19.5	29.3
65	48.1	18.6	28.0#



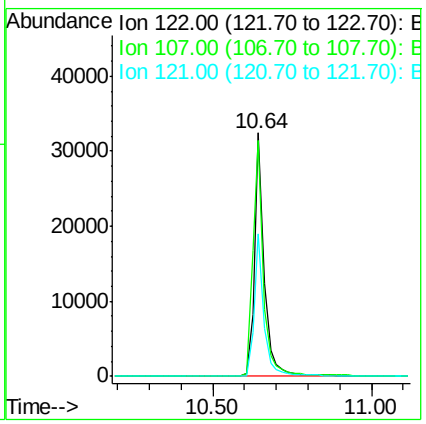


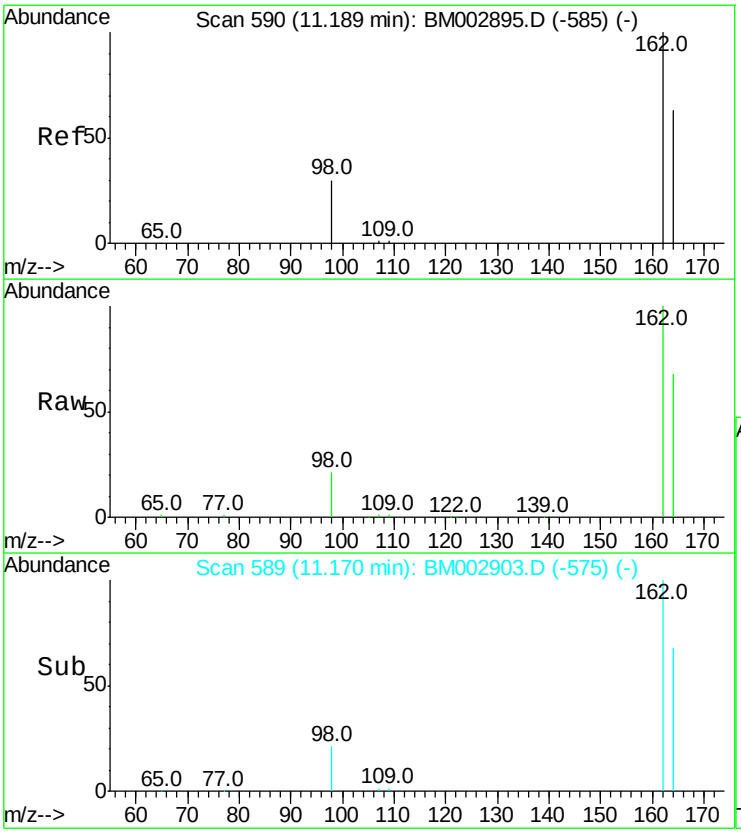
#11
2,4-Dimethylphenol
Concen: 3.66 ng
RT: 10.64 min Scan# 561
Delta R.T. -0.02 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:122 Resp: 68683

Ion	Ratio	Lower	Upper
122	100		
107	97.0	68.6	102.8
121	58.4	44.8	67.2

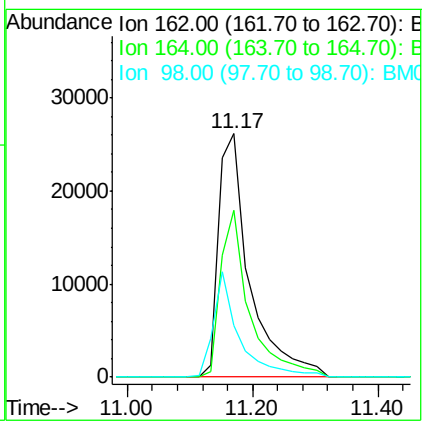


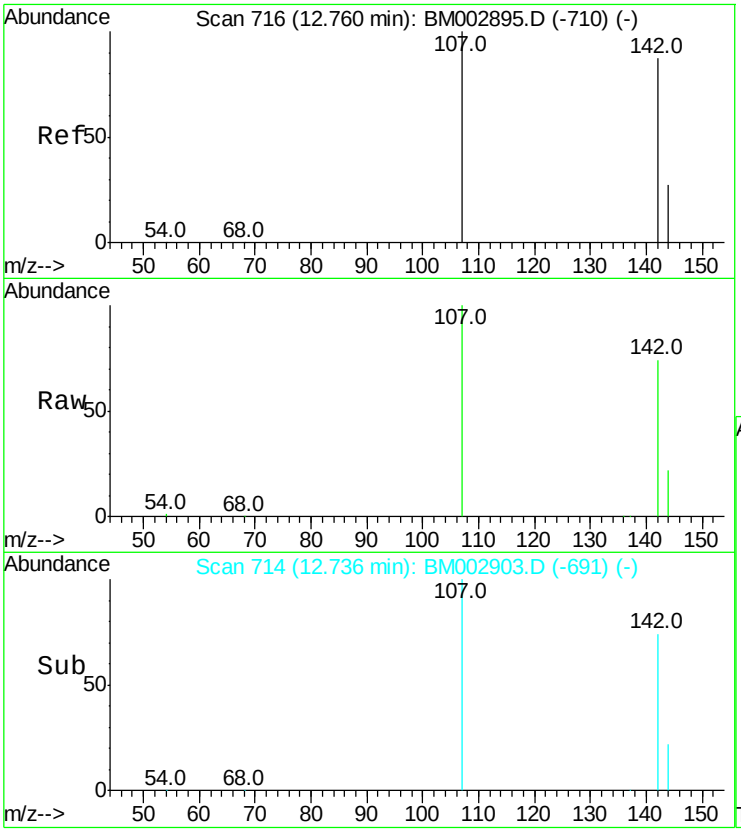


#12
2,4-Dichlorophenol
Concen: 6.06 ng
RT: 11.17 min Scan# 589
Delta R.T. -0.04 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:162 Resp: 88568

Ion	Ratio	Lower	Upper
162	100		
164	68.3	49.2	89.2
98	21.4	0.0	37.4



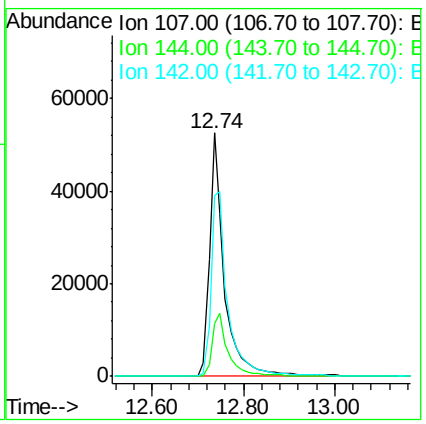


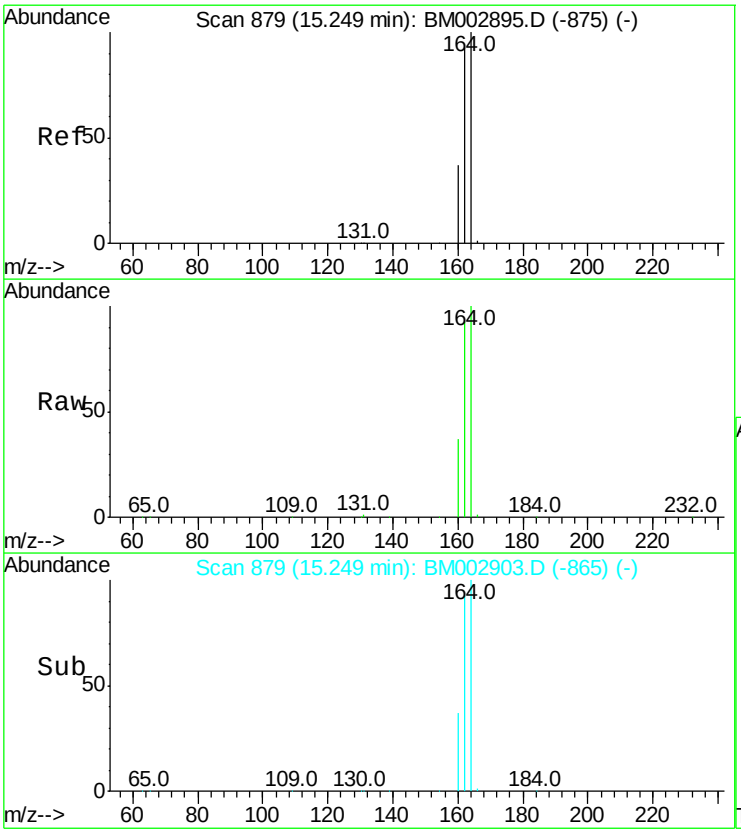
#13
4-Chloro-3-methylphenol
Concen: 6.53 ng
RT: 12.74 min Scan# 714
Delta R.T. -0.02 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:107 Resp: 119372

Ion	Ratio	Lower	Upper
107	100		
144	21.7	16.2	24.2
142	74.2	49.8	74.6

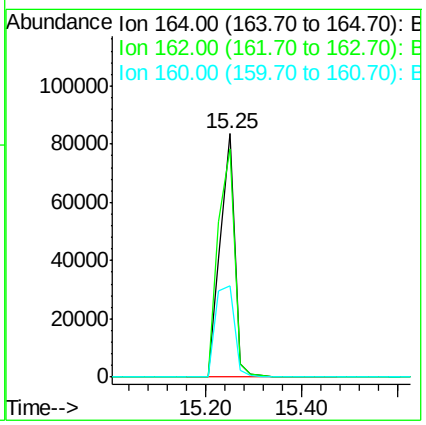


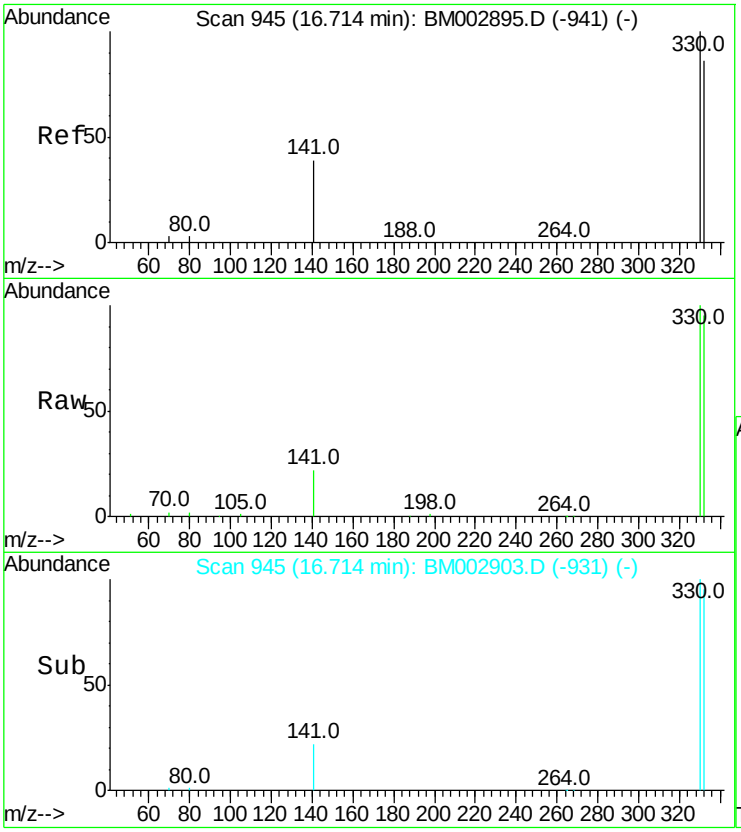


#14
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:164 Resp: 173610

Ion	Ratio	Lower	Upper
164	100		
162	93.5	79.2	118.8
160	37.3	33.7	50.5



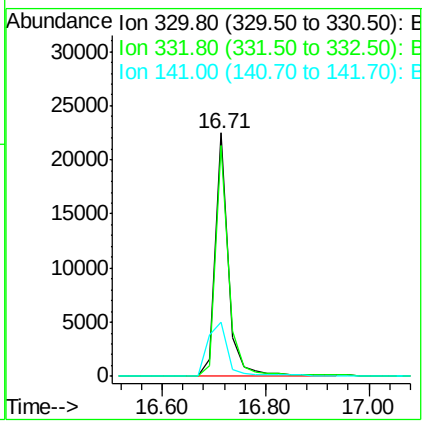


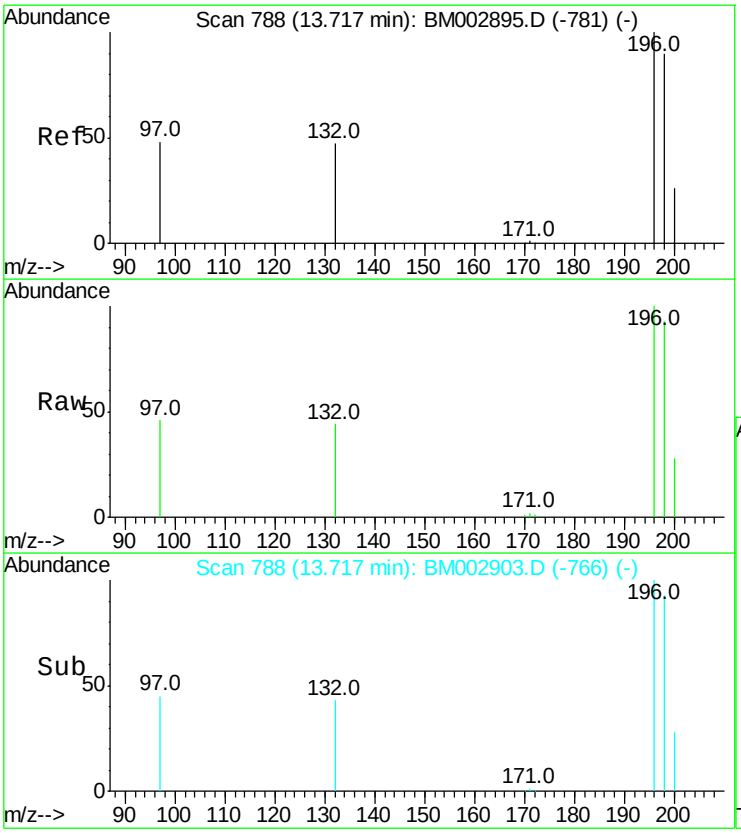
#15
2,4,6-Tribromophenol
Concen: 6.22 ng
RT: 16.71 min Scan# 945
Delta R.T. -0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:330 Resp: 39436

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.0	111.0
141	33.3	24.1	36.1

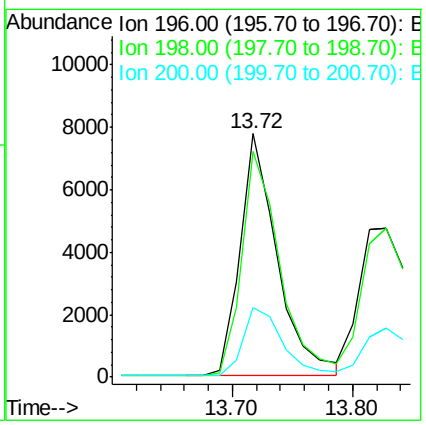


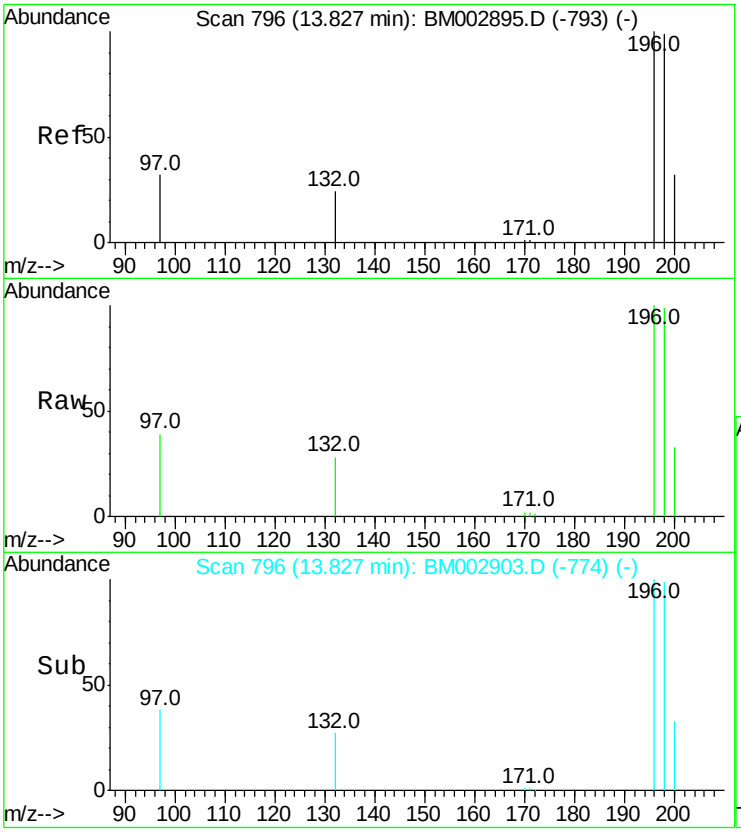


#16
2,4,6-Trichlorophenol
Concen: 1.47 ng
RT: 13.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:196 Resp: 16636

Ion	Ratio	Lower	Upper
196	100		
198	92.7	54.2	81.2#
200	28.4	17.1	25.7#



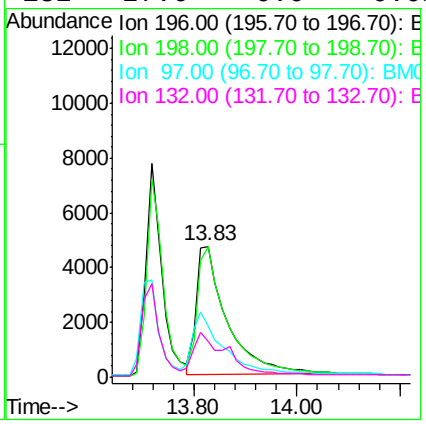


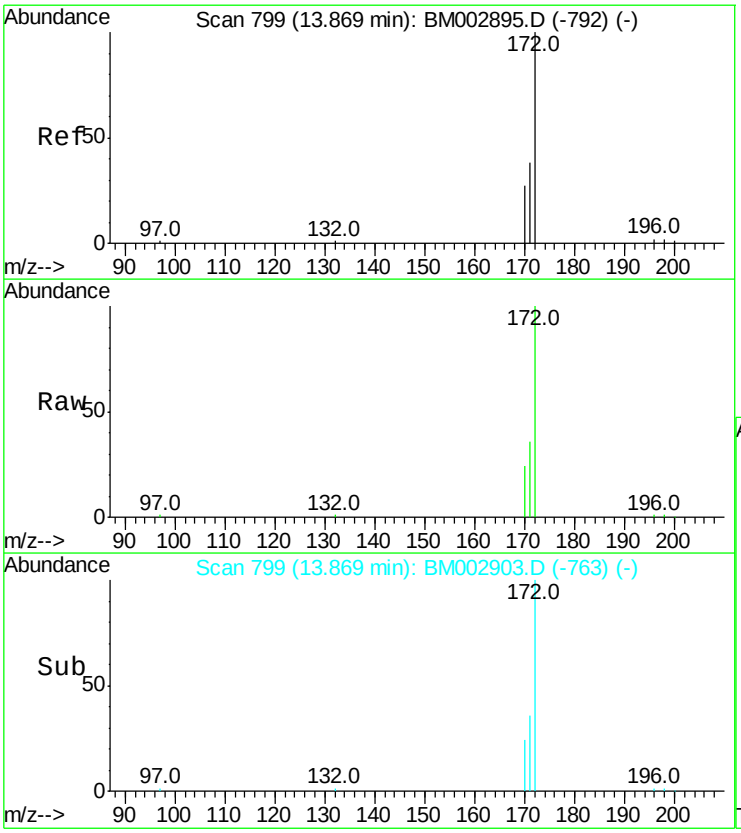
#17
2,4,5-Trichlorophenol
Concen: 1.62 ng
RT: 13.83 min Scan# 796
Delta R.T. 0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:196 Resp: 19495

Ion	Ratio	Lower	Upper
196	100		
198	99.4	73.6	110.4
97	39.1	0.0	0.0#
132	27.6	0.0	0.0#

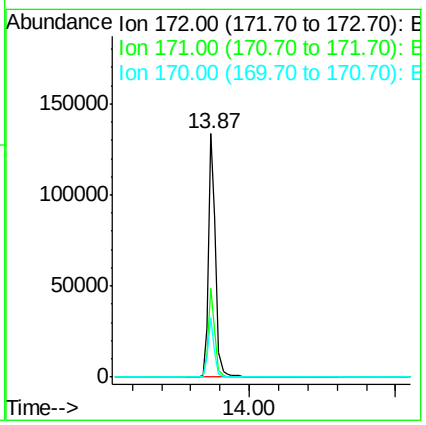


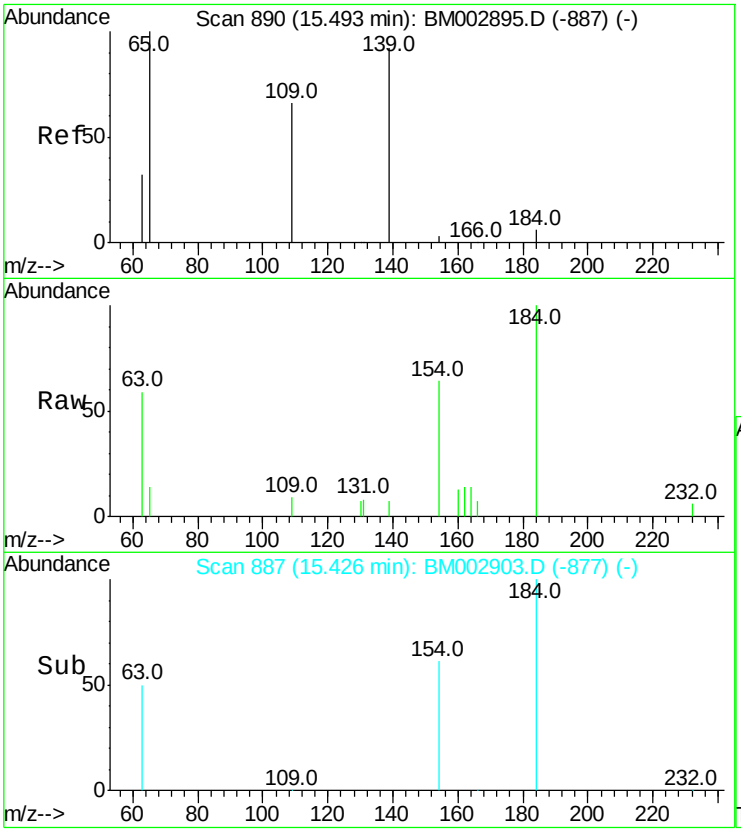


#18
2-Fluorobiphenyl
Concen: 3.96 ng
RT: 13.87 min Scan# 799
Delta R.T. -0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:172 Resp: 224744

Ion	Ratio	Lower	Upper
172	100		
171	34.5	0.0	0.0#
170	22.6	0.0	0.0#



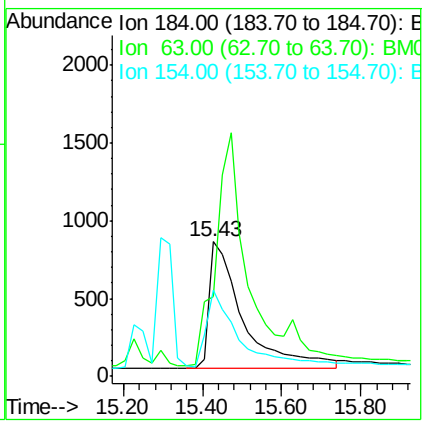


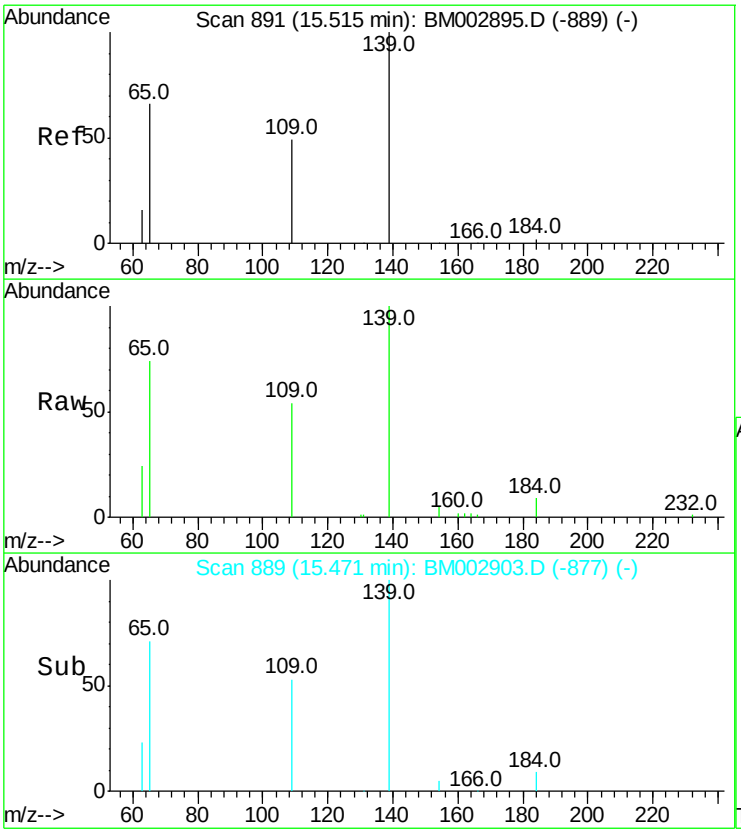
#19
2,4-Dinitrophenol
Concen: 3.89 ng
RT: 15.43 min Scan# 887
Delta R.T. -0.09 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:184 Resp: 4897

Ion	Ratio	Lower	Upper
184	100		
63	59.1	52.0	78.0
154	64.3	51.4	77.2

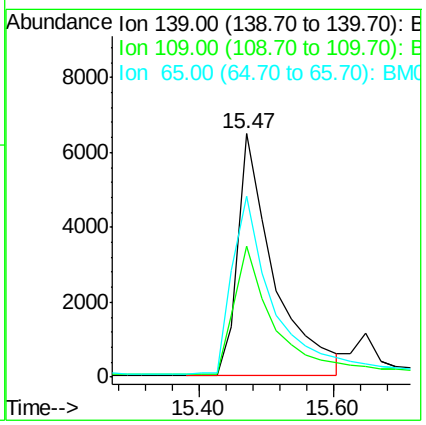


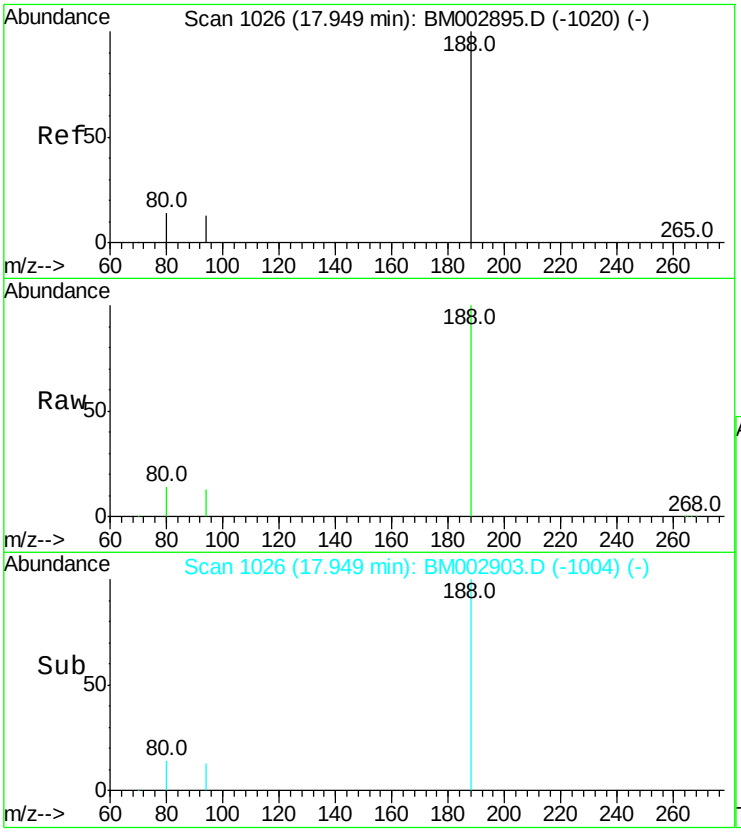


#20
4-Nitrophenol
Concen: 3.38 ng
RT: 15.47 min Scan# 889
Delta R.T. -0.04 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:139 Resp: 24017

Ion	Ratio	Lower	Upper
139	100		
109	53.7	60.0	100.0#
65	74.1	85.7	125.7#



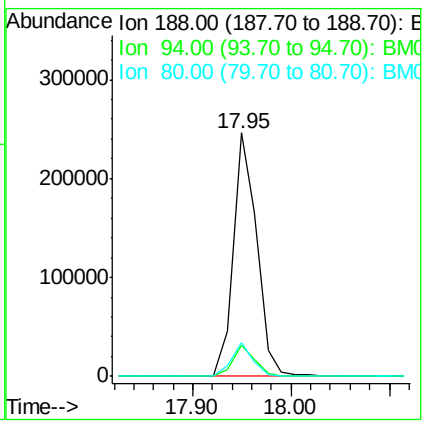


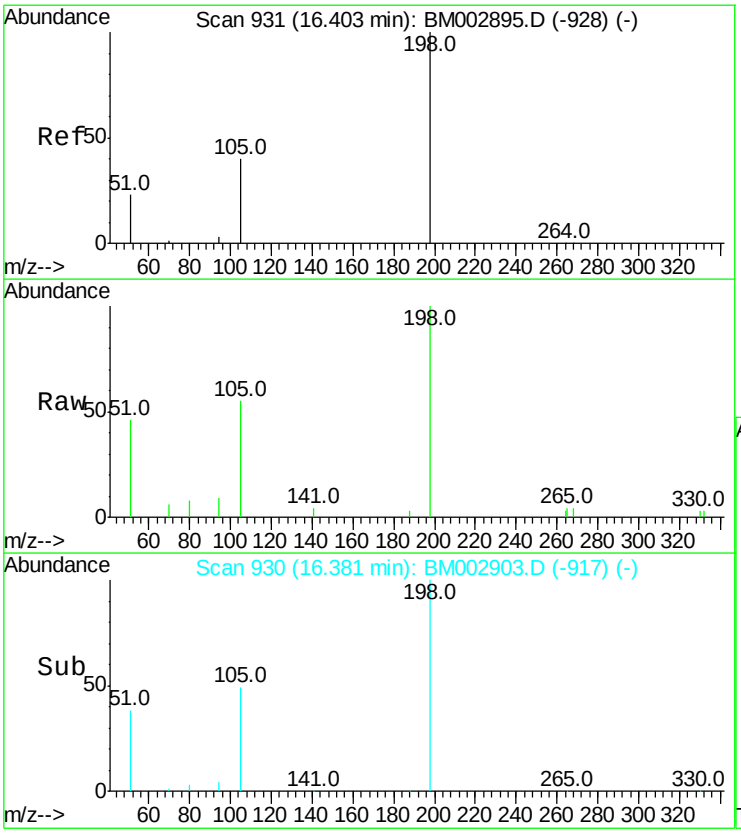
#21
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:188 Resp: 408417

Ion	Ratio	Lower	Upper
188	100		
94	12.6	2.9	4.3#
80	13.9	2.5	3.7#

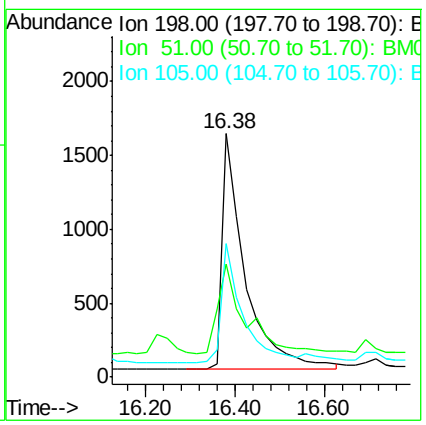


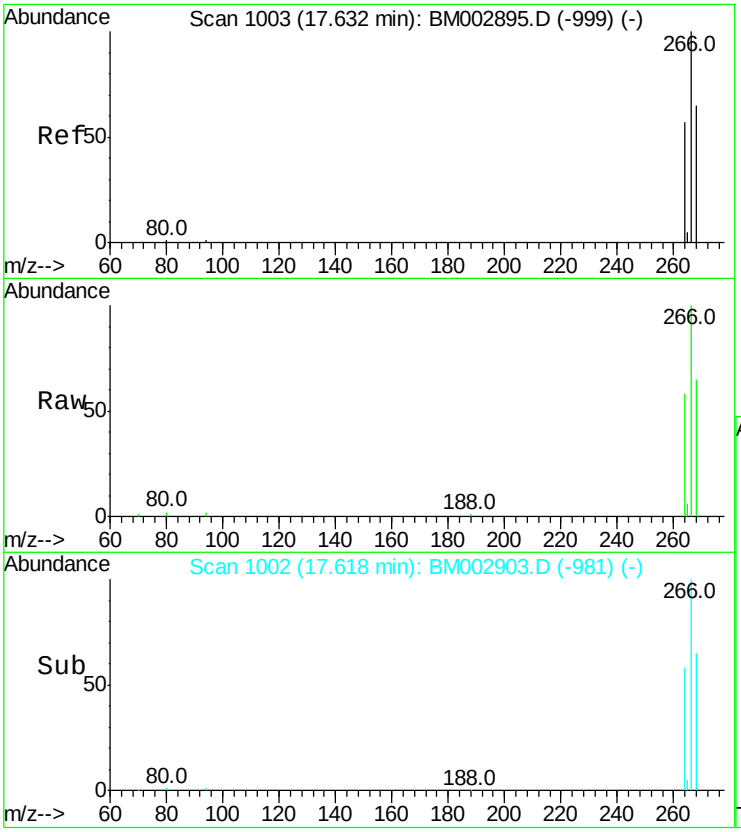


#22
4,6-Dinitro-2-methylphenol
Concen: 1.81 ng
RT: 16.38 min Scan# 930
Delta R.T. -0.02 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:198 Resp: 5699

Ion	Ratio	Lower	Upper
198	100		
51	46.3	60.8	100.8#
105	54.8	30.0	70.0



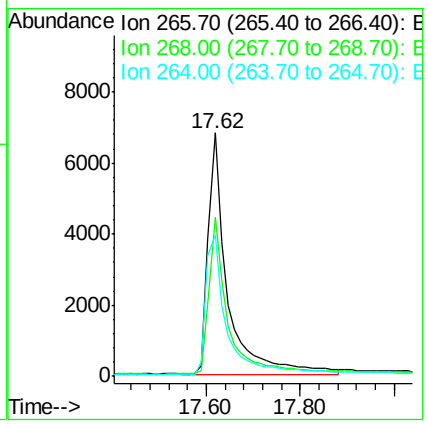


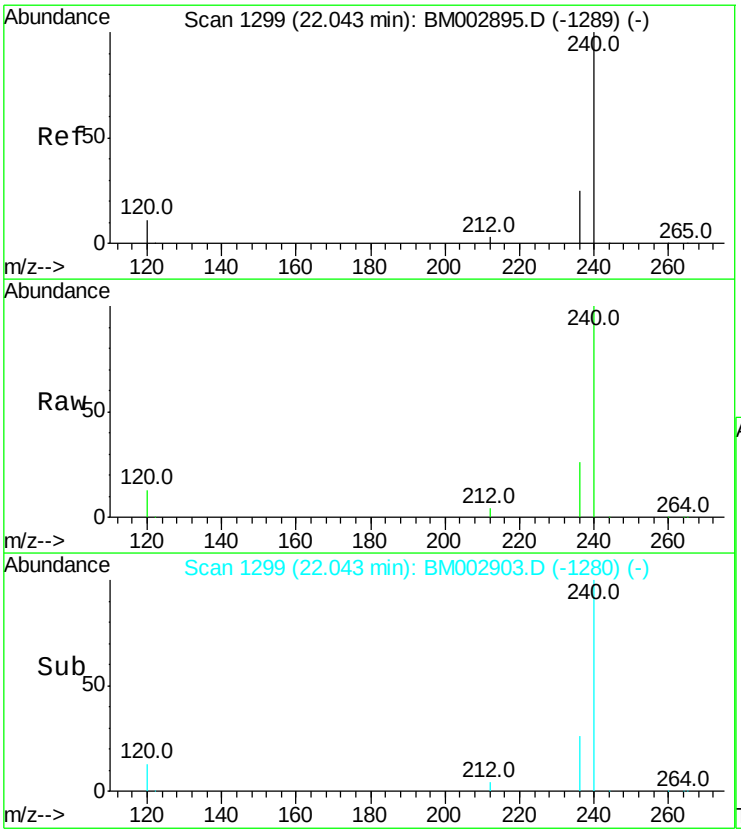
#23
Pentachlorophenol
Concen: 4.18 ng
RT: 17.62 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:266 Resp: 18852

Ion	Ratio	Lower	Upper
266	100		
268	65.4	62.6	94.0
264	58.2	47.9	71.9

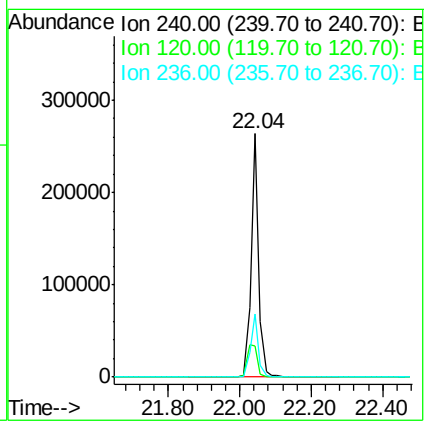


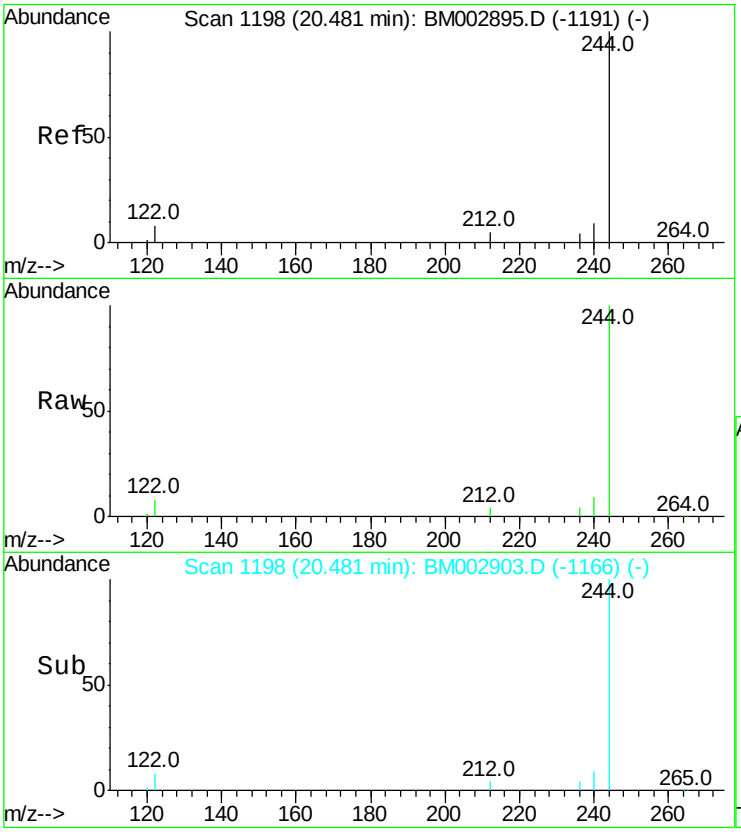


#24
Chrysene-d12
Concen: 5.00 ng
RT: 22.04 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:240 Resp: 382314

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.4	15.6
236	25.7	22.0	33.0



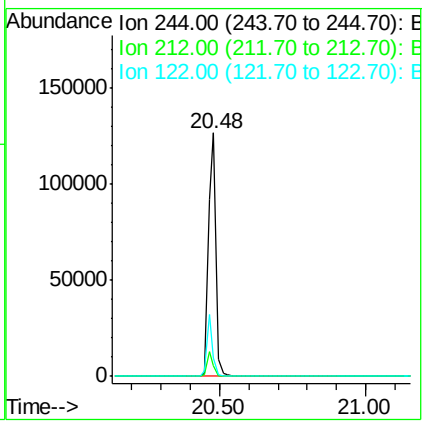


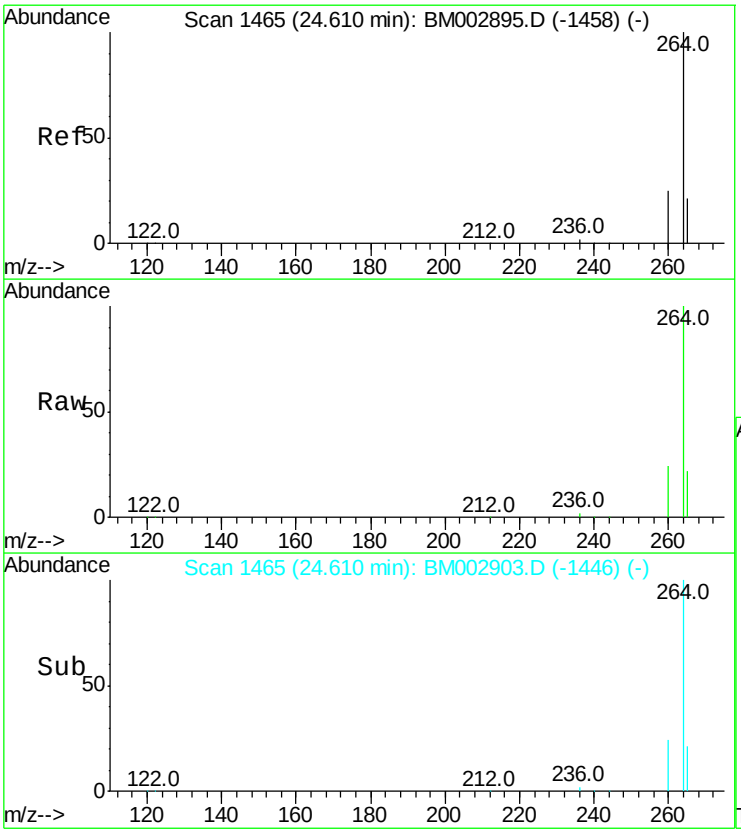
#25
Terphenyl-d14
Concen: 3.73 ng
RT: 20.48 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:244 Resp: 217023

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.3	10.9
122	19.5	14.8	22.2





#26
Perylene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM002903.D
Acq: 14 Oct 2015 18:52

Tgt Ion:264 Resp: 351167

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.0	17.4	26.2