Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
Data File : BM002898.D
Acq On : 13 Oct 2015 22:12
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Oct 14 18:07:58 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 17:20:35 2015
Response via : Initial Calibration

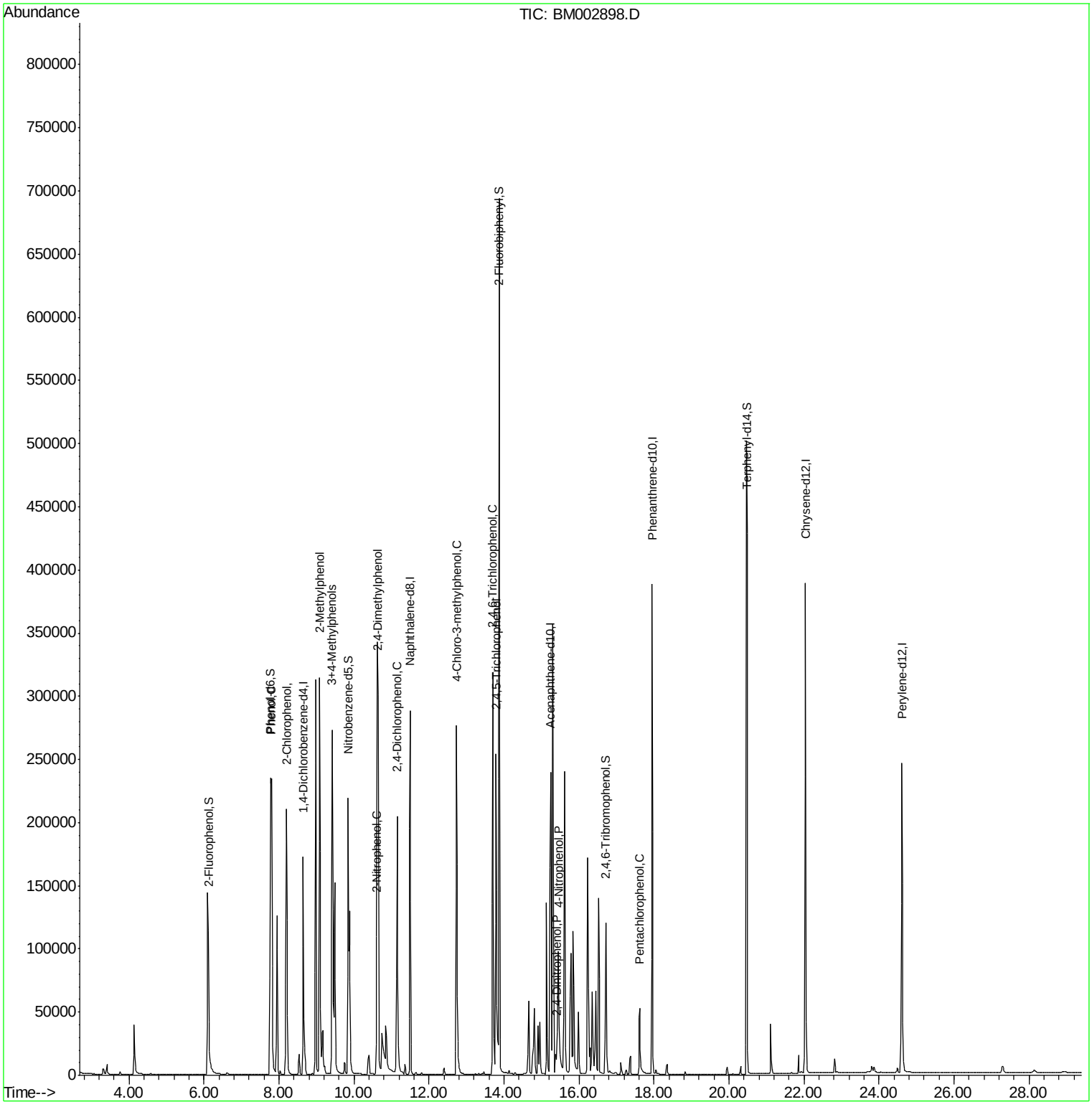
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	94663	5.00	ng		-0.01
8) Naphthalene-d8	11.50	136	405708	5.00	ng		0.00
14) Acenaphthene-d10	15.25	164	210227	5.00	ng		0.00
21) Phenanthrene-d10	17.95	188	456068	5.00	ng		0.00
24) Chrysene-d12	22.04	240	416552	5.00	ng		0.00
26) Perylene-d12	24.61	264	379983	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	6.12	112	198906	11.69	ng		-0.02
3) Phenol-d6	7.77	99	262644	10.10	ng		-0.02
9) Nitrobenzene-d5	9.84	82	231418	9.12	ng		-0.02
15) 2,4,6-Tribromophenol	16.71	330	93234	12.14	ng		0.00
18) 2-Fluorobiphenyl	13.87	172	658544	9.57	ng		0.00
25) Terphenyl-d14	20.48	244	621276	9.81	ng		0.00
Target Compounds							Qvalue
4) 2-Chlorophenol	8.20	128	250359	10.39	ng	#	76
5) Phenol	7.80	94	276484	10.02	ng		96
6) 2-Methylphenol	9.09	107	194357	9.94	ng	#	86
7) 3+4-Methylphenols	9.41	107	273441	11.31	ng	#	32
10) 2-Nitrophenol	10.61	139	125862	12.33	ng	#	79
11) 2,4-Dimethylphenol	10.64	122	245172	10.94	ng		94
12) 2,4-Dichlorophenol	11.15	162	214694	12.31	ng		92
13) 4-Chloro-3-methylphenol	12.74	107	250183	11.34	ng	#	71
16) 2,4,6-Trichlorophenol	13.70	196	165821	12.10	ng	#	74
17) 2,4,5-Trichlorophenol	13.79	196	180647	12.36	ng	#	98
19) 2,4-Dinitrophenol	15.40	184	29653	27.48	ng	#	66
20) 4-Nitrophenol	15.45	139	99605	2.79	ng	#	62
23) Pentachlorophenol	17.62	266	57239	16.54	ng		89

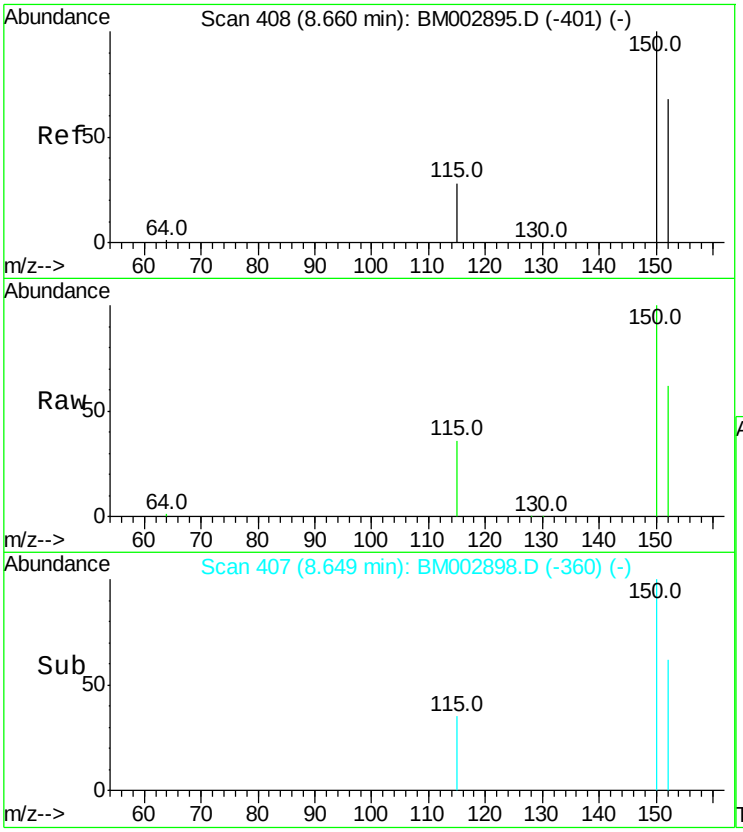
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
Data File : BM002898.D
Acq On : 13 Oct 2015 22:12
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Oct 14 18:07:58 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 17:20:35 2015
Response via : Initial Calibration



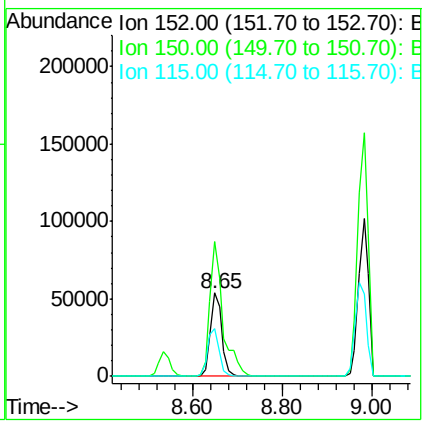


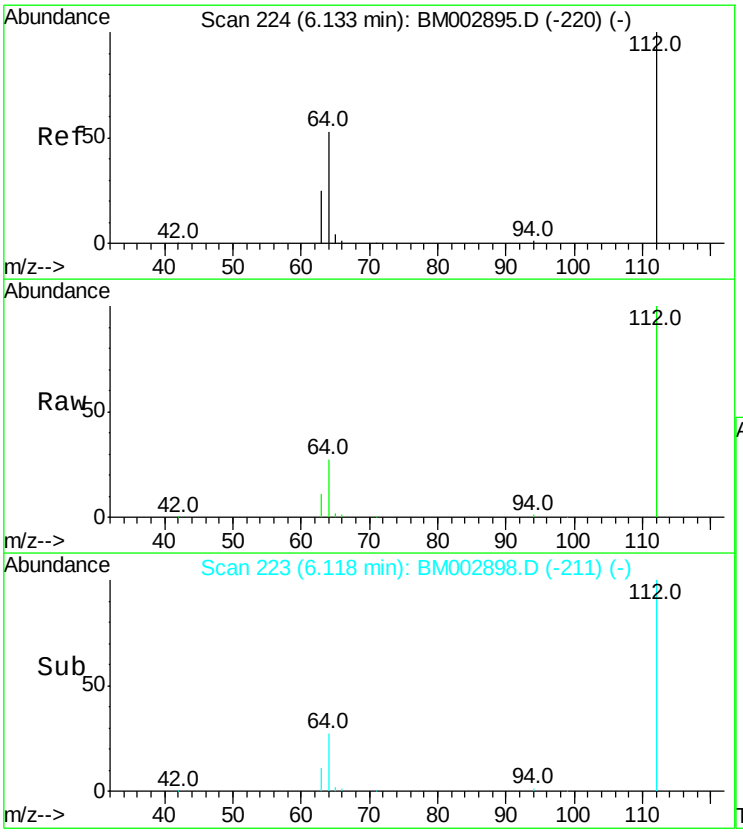
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.65 min Scan# 407
Delta R.T. -0.01 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 94663

Ion	Ratio	Lower	Upper
152	100		
150	162.0	116.3	174.5
115	57.7	31.9	47.9#

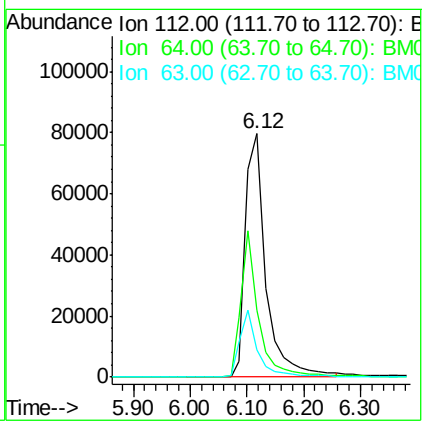


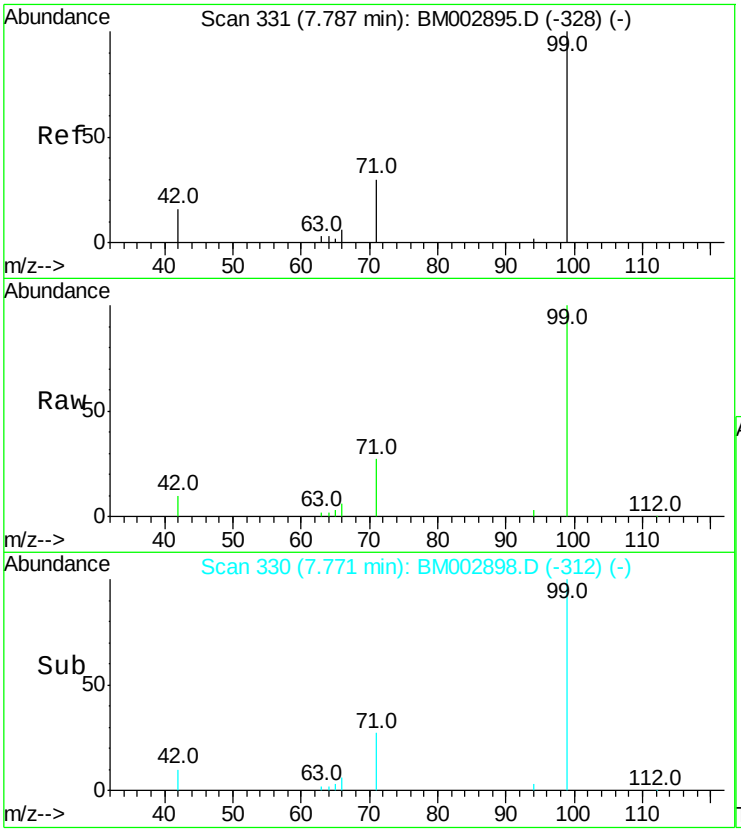


#2
2-Fluorophenol
Concen: 11.69 ng
RT: 6.12 min Scan# 223
Delta R.T. -0.02 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:112 Resp: 198906

Ion	Ratio	Lower	Upper
112	100		
64	27.3	49.3	73.9#
63	11.5	26.2	39.4#



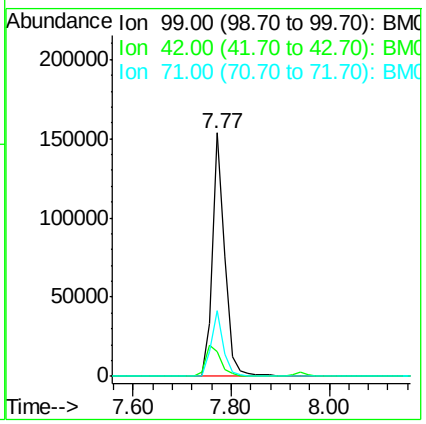


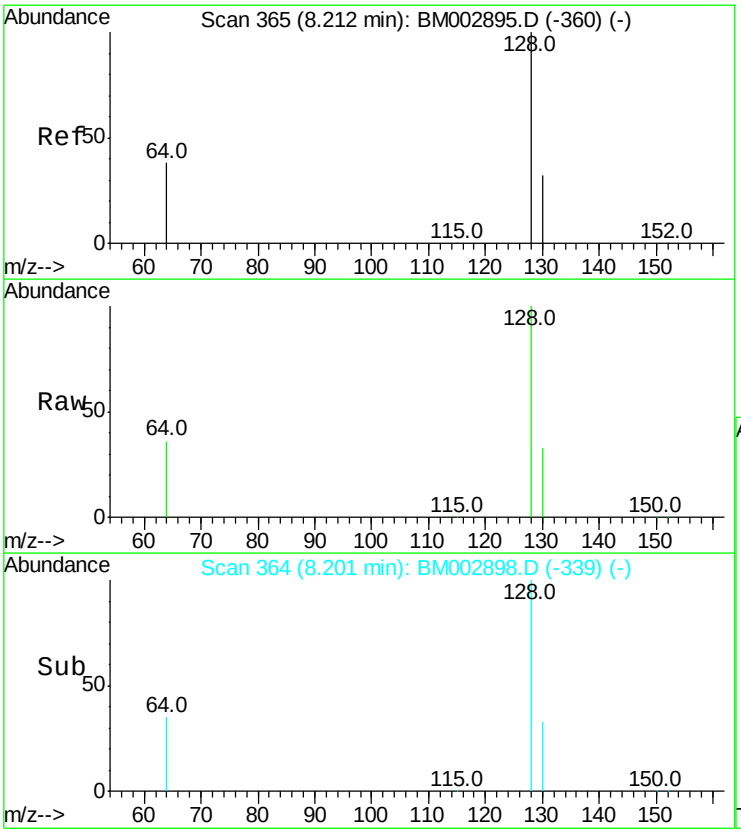
#3
Phenol-d6
Concen: 10.10 ng
RT: 7.77 min Scan# 330
Delta R.T. -0.02 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 262644

Ion	Ratio	Lower	Upper
99	100		
42	10.3	12.1	18.1#
71	27.0	26.4	39.6

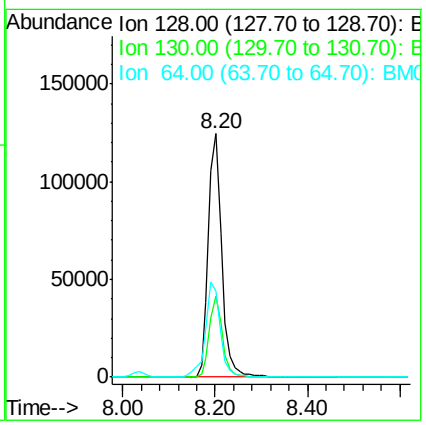


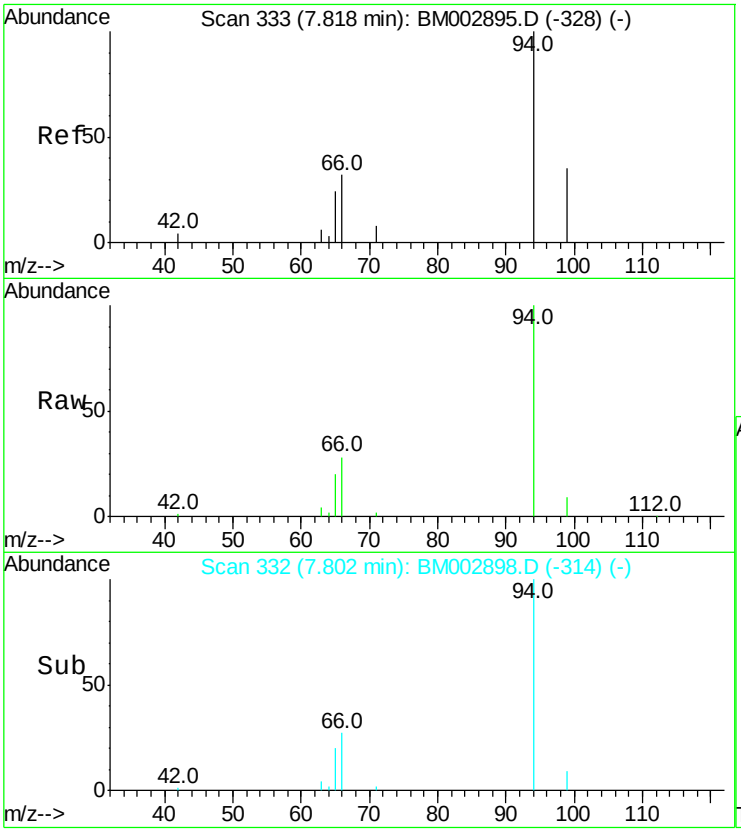


#4
2-Chlorophenol
Concen: 10.39 ng
RT: 8.20 min Scan# 364
Delta R.T. -0.01 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:128 Resp: 250359

Ion	Ratio	Lower	Upper
128	100		
130	33.3	22.2	62.2
64	35.6	0.0	28.7#



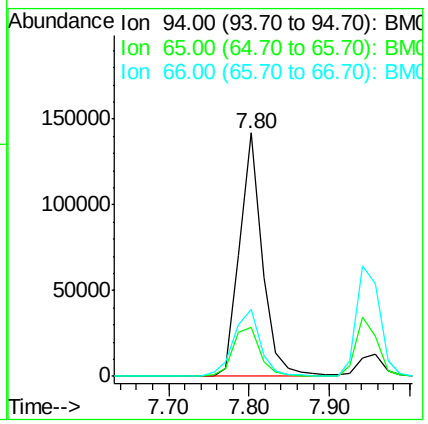


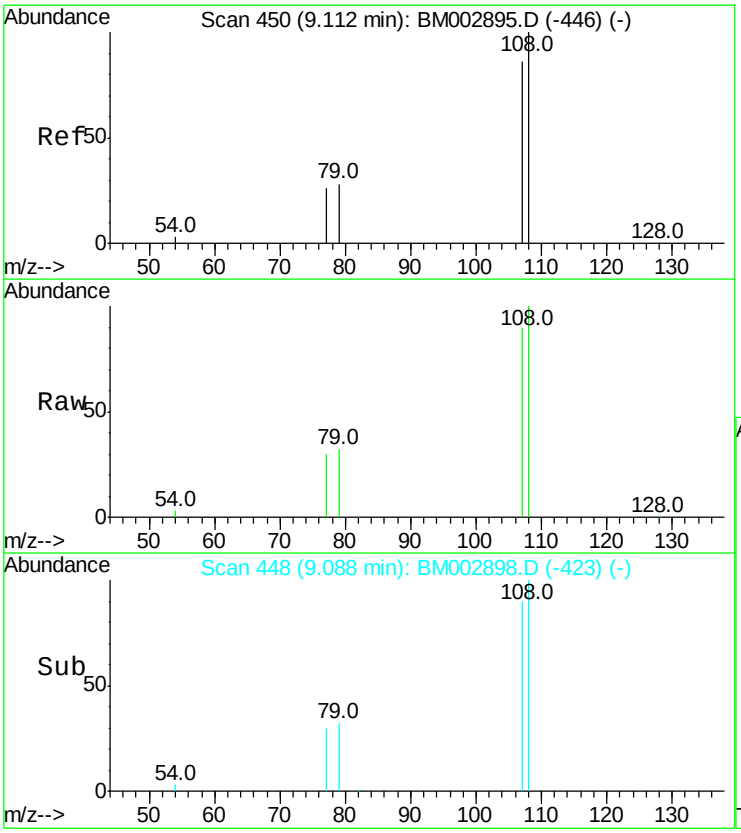
#5
Phenol
Concen: 10.02 ng
RT: 7.80 min Scan# 332
Delta R.T. -0.02 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 94 Resp: 276484

Ion	Ratio	Lower	Upper
94	100		
65	20.2	0.0	37.7
66	27.5	6.3	46.3

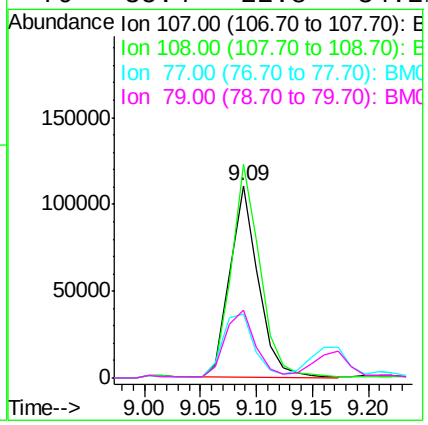


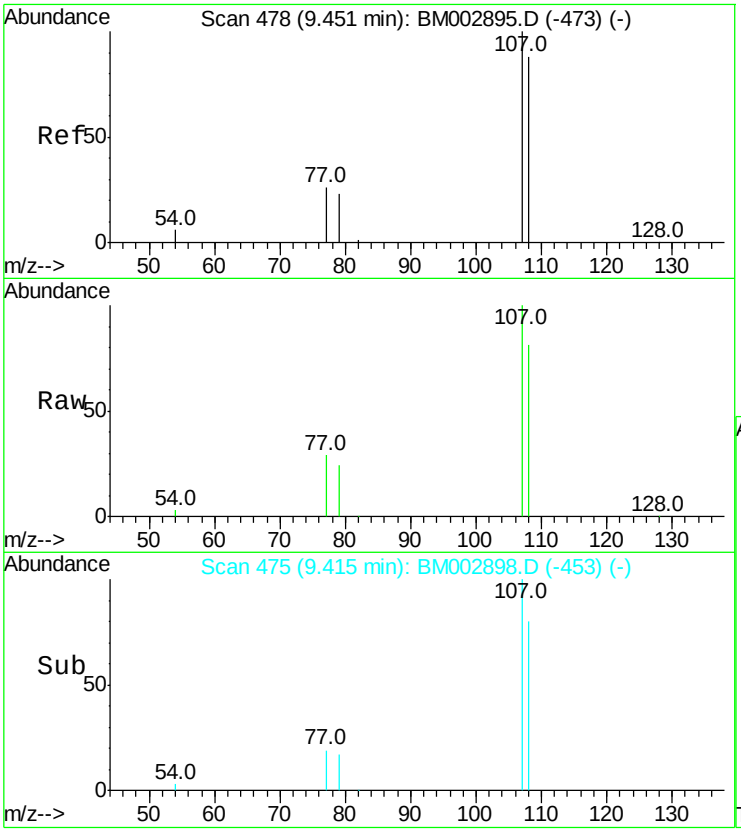


#6
2-Methylphenol
Concen: 9.94 ng
RT: 9.09 min Scan# 448
Delta R.T. -0.02 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:107 Resp: 194357

Ion	Ratio	Lower	Upper
107	100		
108	111.1	100.9	151.3
77	33.5	20.3	30.5#
79	35.4	22.8	34.2#



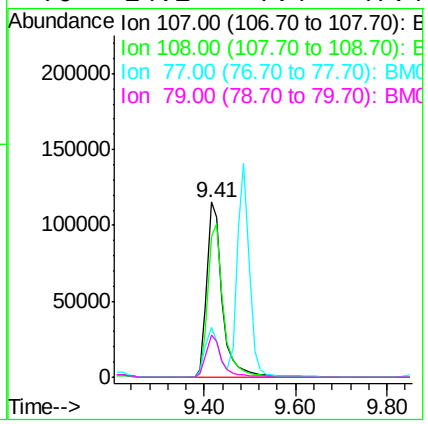


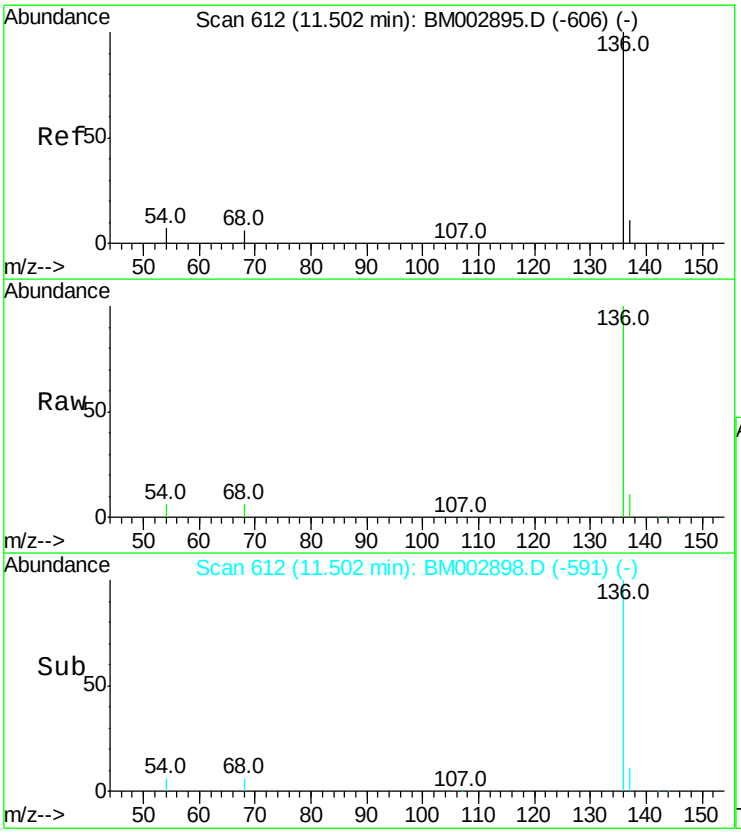
#7
3+4-Methylphenols
Concen: 11.31 ng
RT: 9.41 min Scan# 475
Delta R.T. -0.04 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 273441

Ion	Ratio	Lower	Upper
107	100		
108	80.5	86.3	126.3#
77	28.7	151.7	191.7#
79	24.1	7.4	47.4

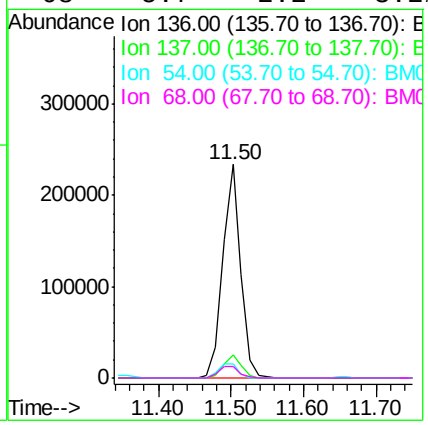


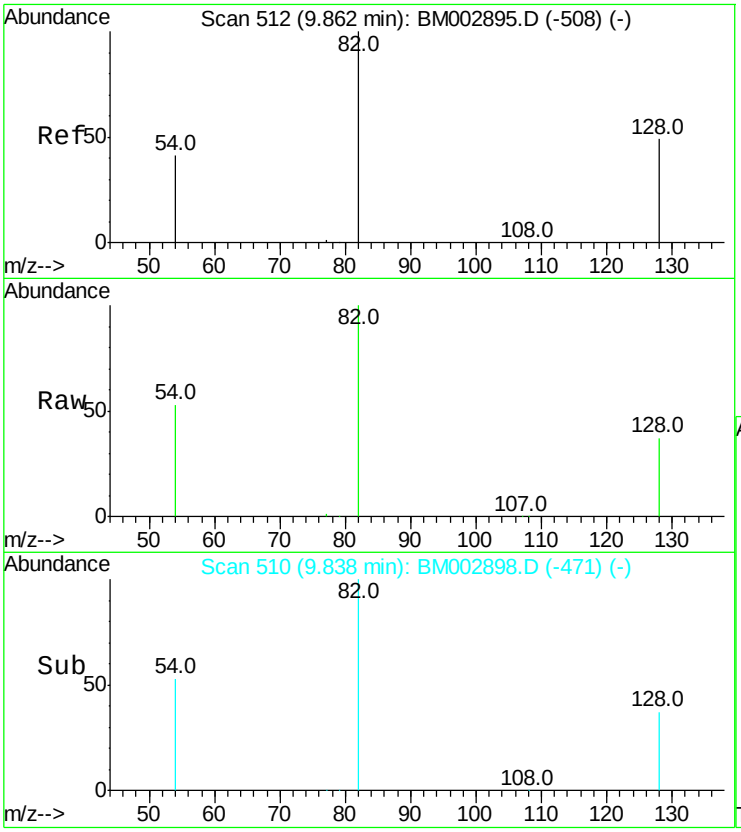


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 11.50 min Scan# 612
Delta R.T. -0.00 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:136 Resp: 405708

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.4	2.6	3.8#
68	5.7	2.2	3.2#



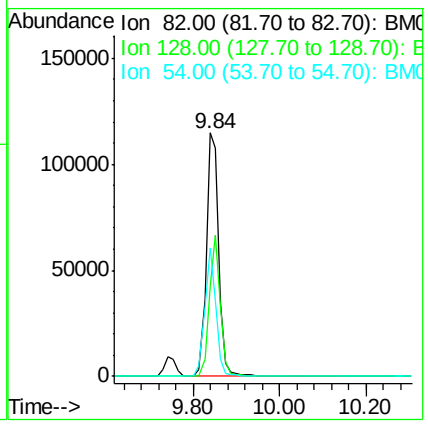


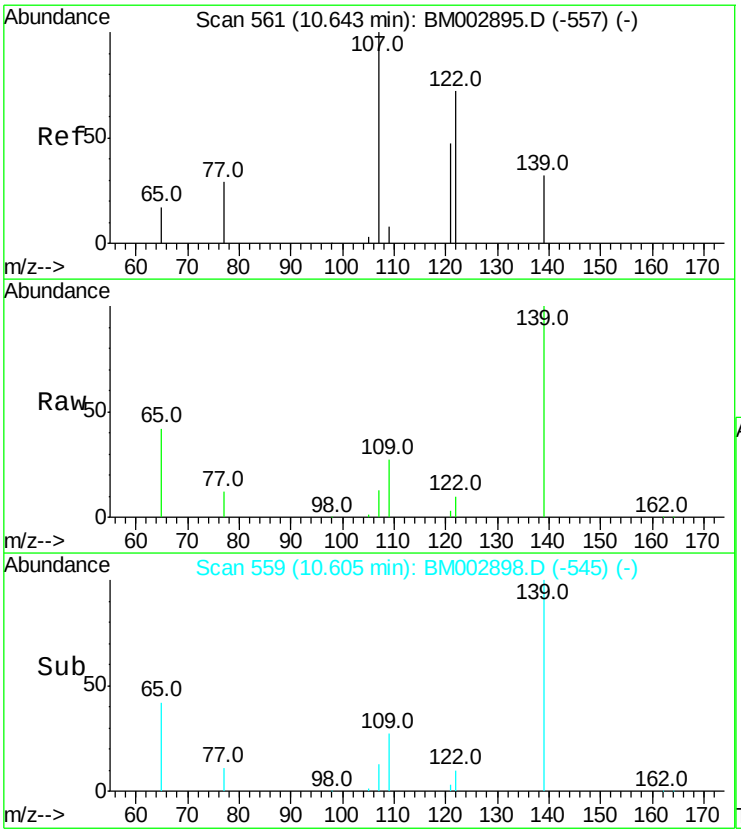
#9
Nitrobenzene-d5
Concen: 9.12 ng
RT: 9.84 min Scan# 510
Delta R.T. -0.02 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 231418

Ion	Ratio	Lower	Upper
82	100		
128	52.0	0.0	0.0#
54	47.6	59.0	88.6#

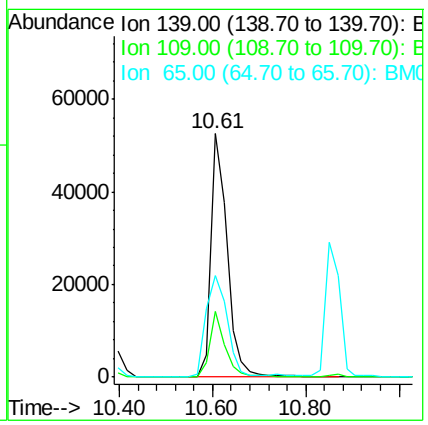


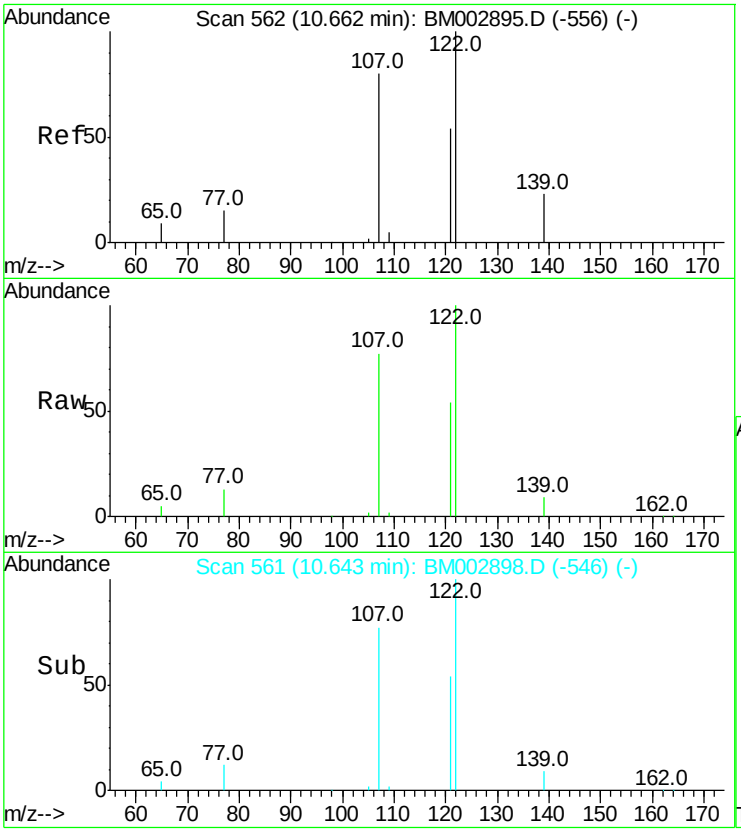


#10
2-Nitrophenol
Concen: 12.33 ng
RT: 10.61 min Scan# 559
Delta R.T. -0.04 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:139 Resp: 125862

Ion	Ratio	Lower	Upper
139	100		
109	27.1	19.5	29.3
65	41.9	18.6	28.0#



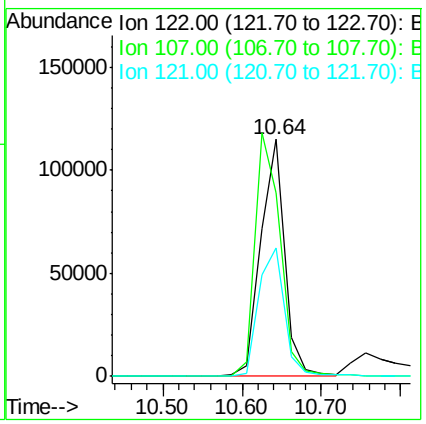


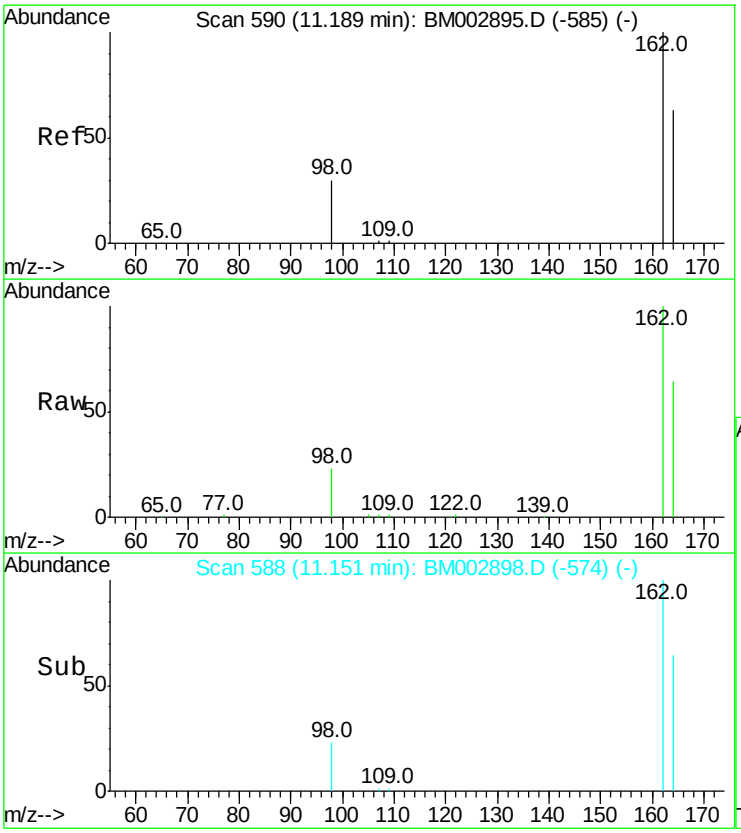
#11
2,4-Dimethylphenol
Concen: 10.94 ng
RT: 10.64 min Scan# 561
Delta R.T. -0.02 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 245172

Ion	Ratio	Lower	Upper
122	100		
107	77.5	68.6	102.8
121	54.1	44.8	67.2

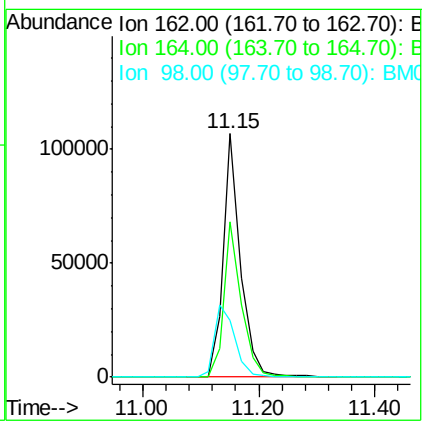


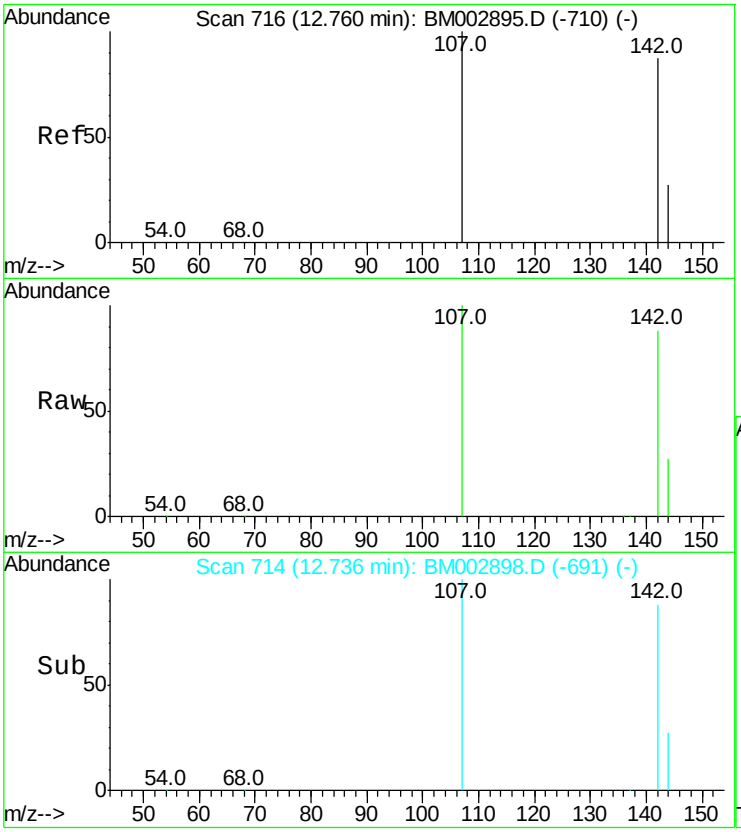


#12
2,4-Dichlorophenol
Concen: 12.31 ng
RT: 11.15 min Scan# 588
Delta R.T. -0.04 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:162 Resp: 214694

Ion	Ratio	Lower	Upper
162	100		
164	63.5	49.2	89.2
98	23.4	0.0	37.4



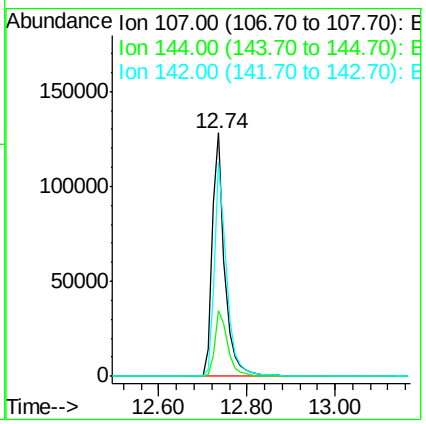


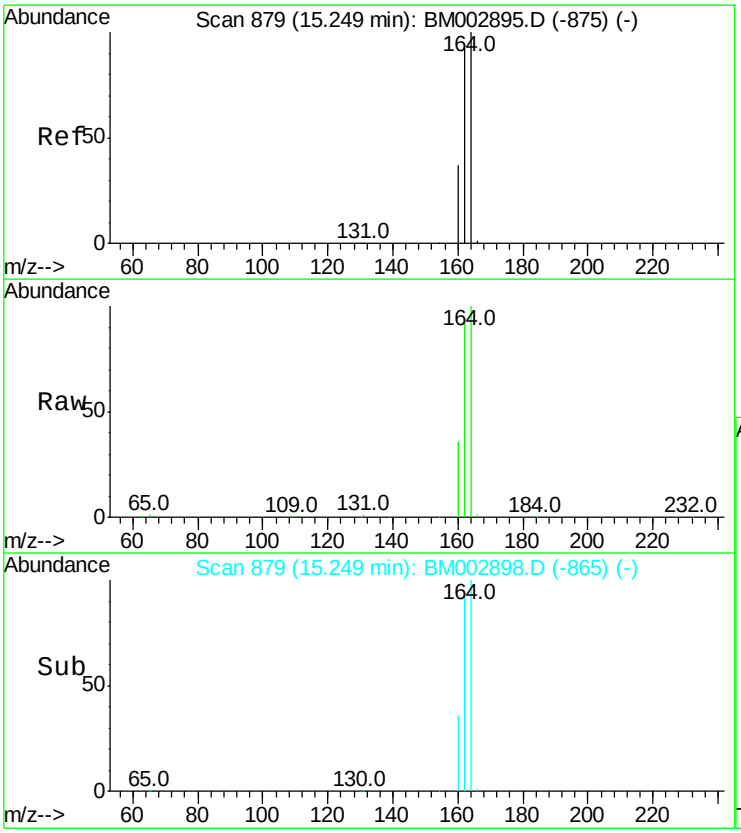
#13
4-Chloro-3-methylphenol
Concen: 11.34 ng
RT: 12.74 min Scan# 714
Delta R.T. -0.02 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 250183

Ion	Ratio	Lower	Upper
107	100		
144	27.1	16.2	24.2#
142	88.0	49.8	74.6#

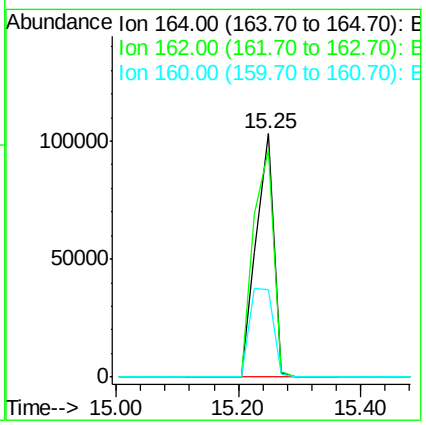


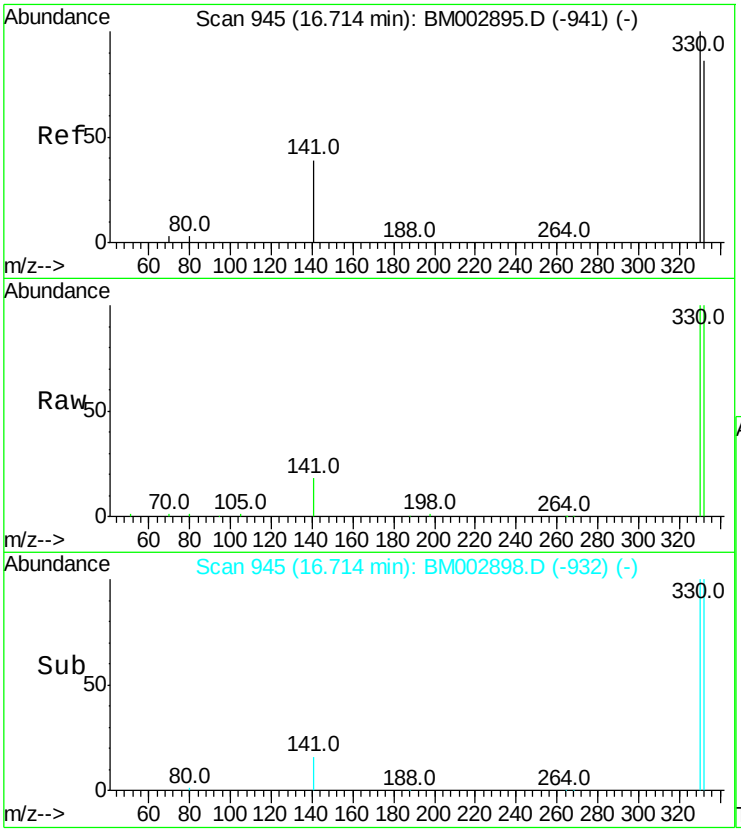


#14
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:164 Resp: 210227

Ion	Ratio	Lower	Upper
164	100		
162	93.1	79.2	118.8
160	36.1	33.7	50.5



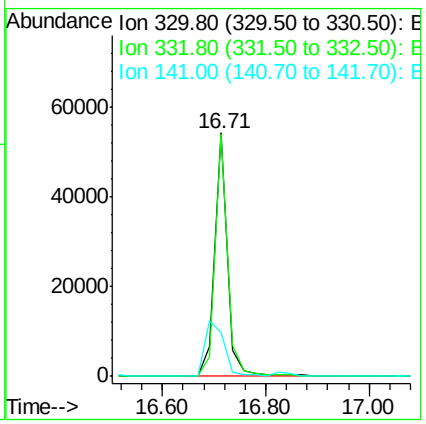


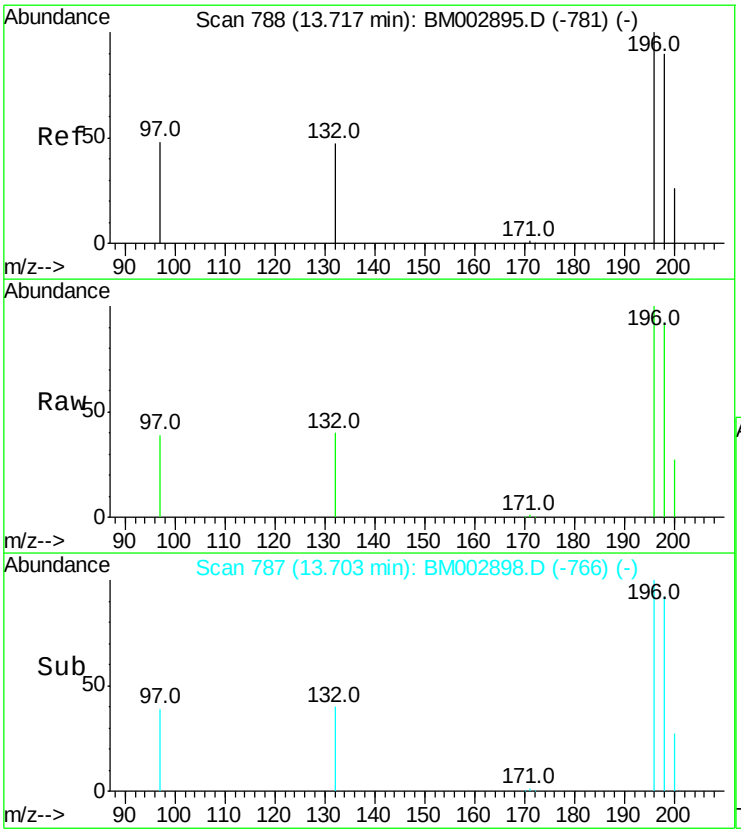
#15
2,4,6-Tribromophenol
Concen: 12.14 ng
RT: 16.71 min Scan# 945
Delta R.T. -0.00 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 93234

Ion	Ratio	Lower	Upper
330	100		
332	98.0	74.0	111.0
141	0.0	24.1	36.1#

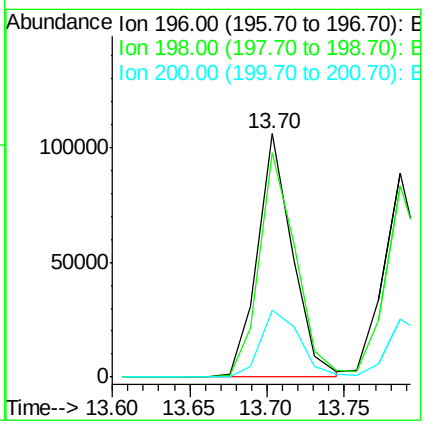


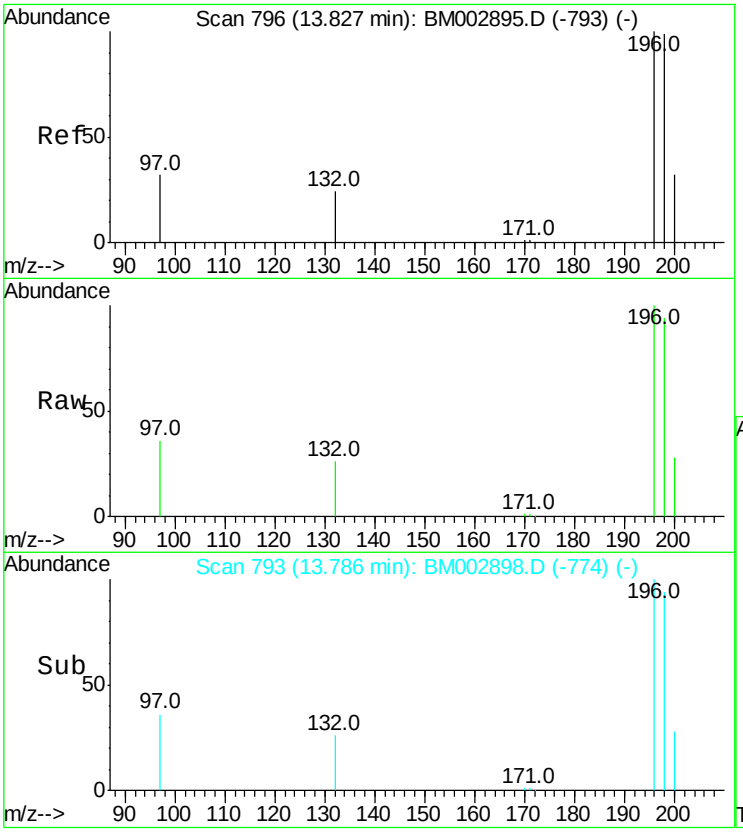


#16
2,4,6-Trichlorophenol
Concen: 12.10 ng
RT: 13.70 min Scan# 787
Delta R.T. -0.01 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:196 Resp: 165821

Ion	Ratio	Lower	Upper
196	100		
198	92.3	54.2	81.2#
200	27.4	17.1	25.7#



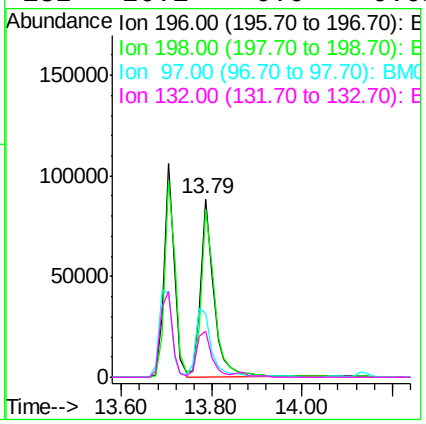


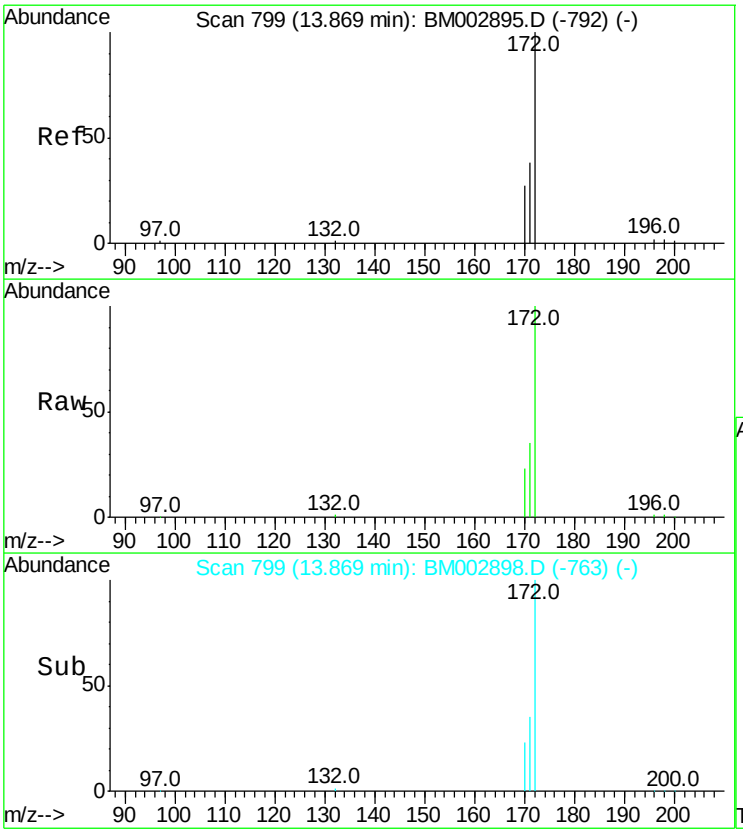
#17
2,4,5-Trichlorophenol
Concen: 12.36 ng
RT: 13.79 min Scan# 793
Delta R.T. -0.04 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 180647

Ion	Ratio	Lower	Upper
196	100		
198	93.9	73.6	110.4
97	36.0	0.0	0.0#
132	26.1	0.0	0.0#

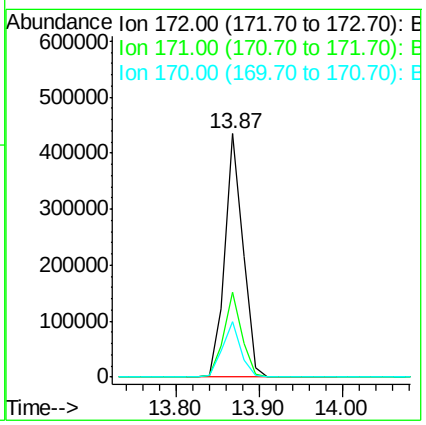


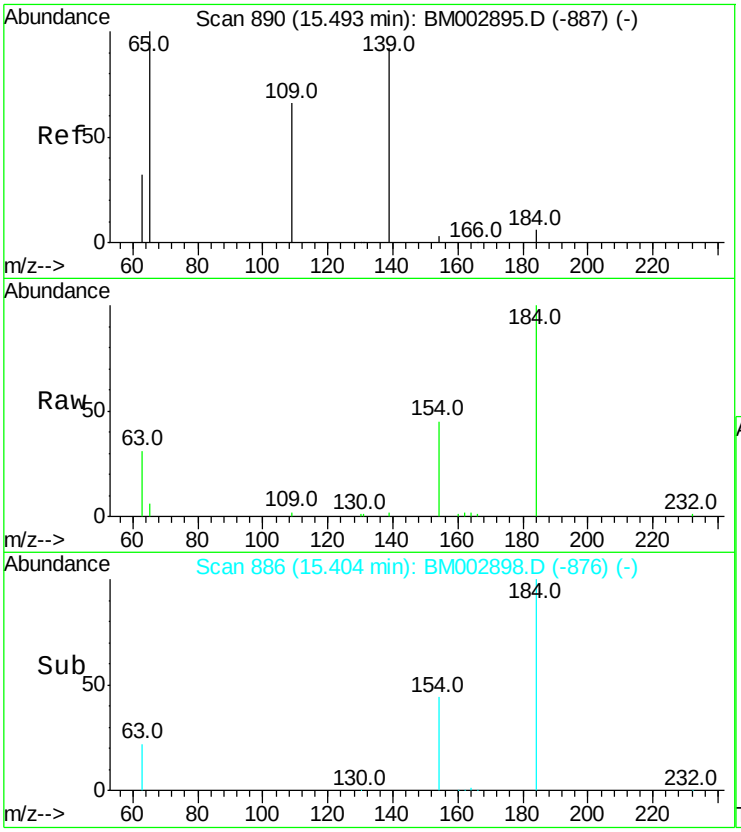


#18
2-Fluorobiphenyl
Concen: 9.57 ng
RT: 13.87 min Scan# 799
Delta R.T. -0.00 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:172 Resp: 658544

Ion	Ratio	Lower	Upper
172	100		
171	34.4	0.0	0.0#
170	22.6	0.0	0.0#



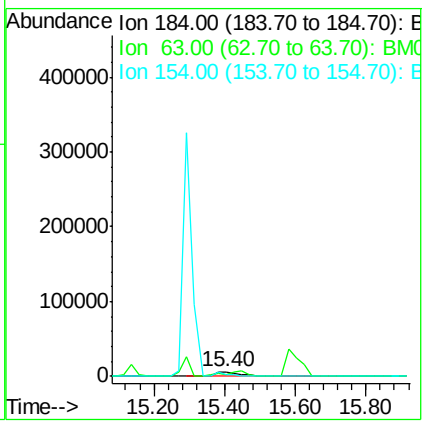


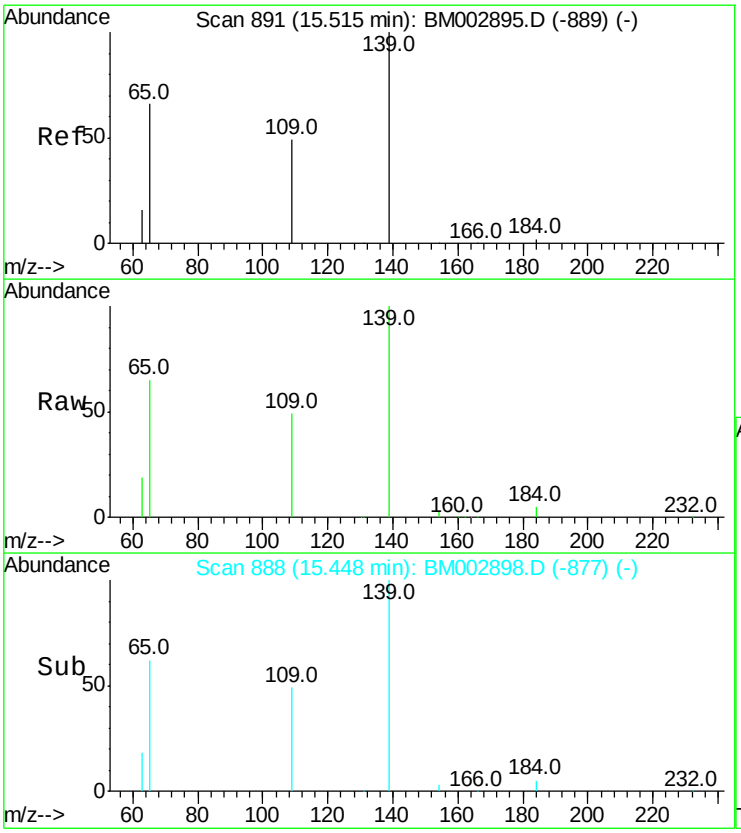
#19
2,4-Dinitrophenol
Concen: 27.48 ng
RT: 15.40 min Scan# 886
Delta R.T. -0.09 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 29653

Ion	Ratio	Lower	Upper
184	100		
63	30.9	52.0	78.0#
154	44.8	51.4	77.2#

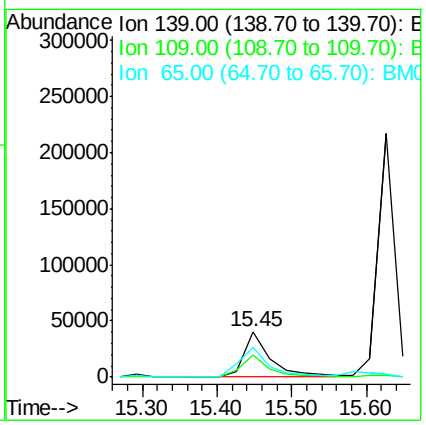


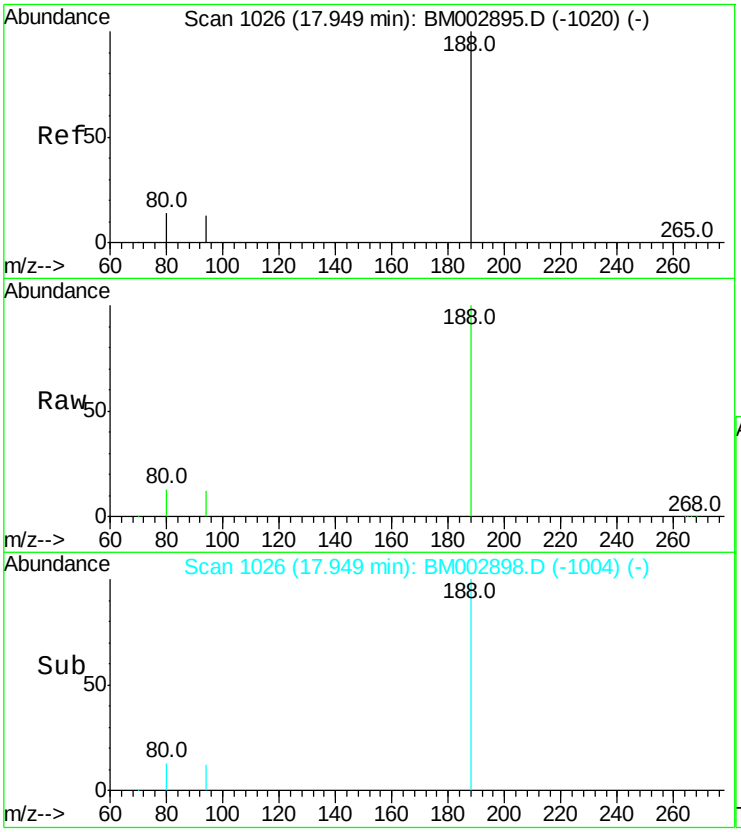


#20
4-Nitrophenol
Concen: 2.79 ng
RT: 15.45 min Scan# 888
Delta R.T. -0.07 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:139 Resp: 99605

Ion	Ratio	Lower	Upper
139	100		
109	49.1	60.0	100.0#
65	64.9	85.7	125.7#



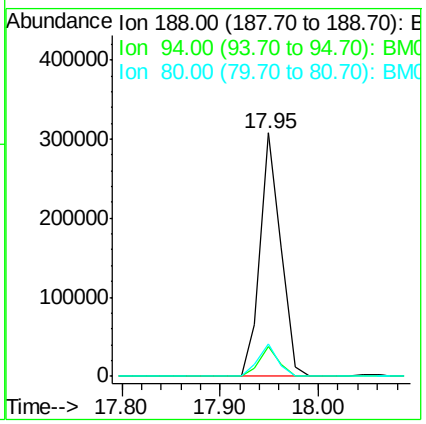


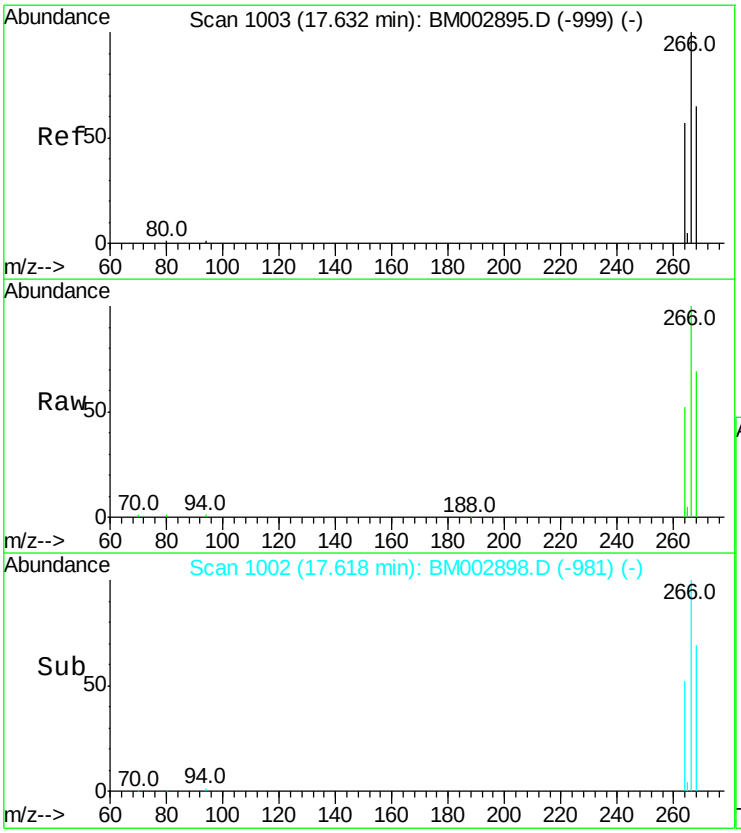
#21
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 456068

Ion	Ratio	Lower	Upper
188	100		
94	12.4	2.9	4.3#
80	13.4	2.5	3.7#

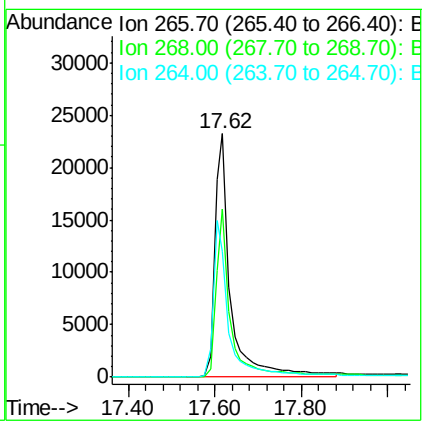


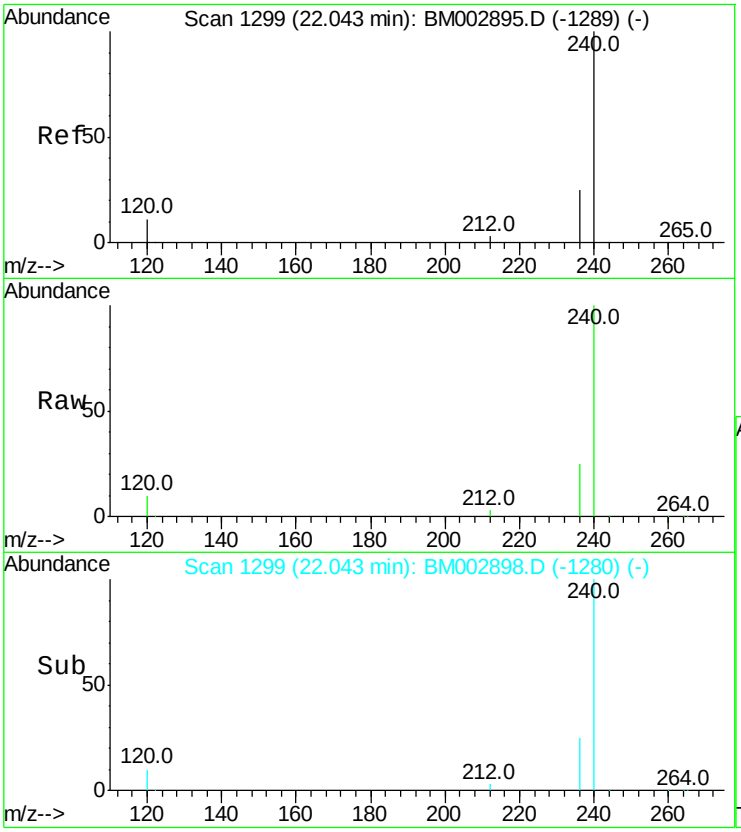


#23
Pentachlorophenol
Concen: 16.54 ng
RT: 17.62 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:266 Resp: 57239

Ion	Ratio	Lower	Upper
266	100		
268	68.9	62.6	94.0
264	51.9	47.9	71.9



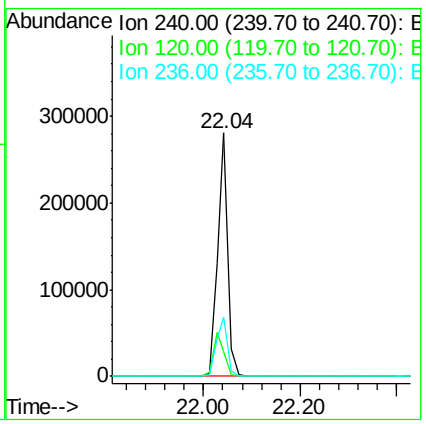


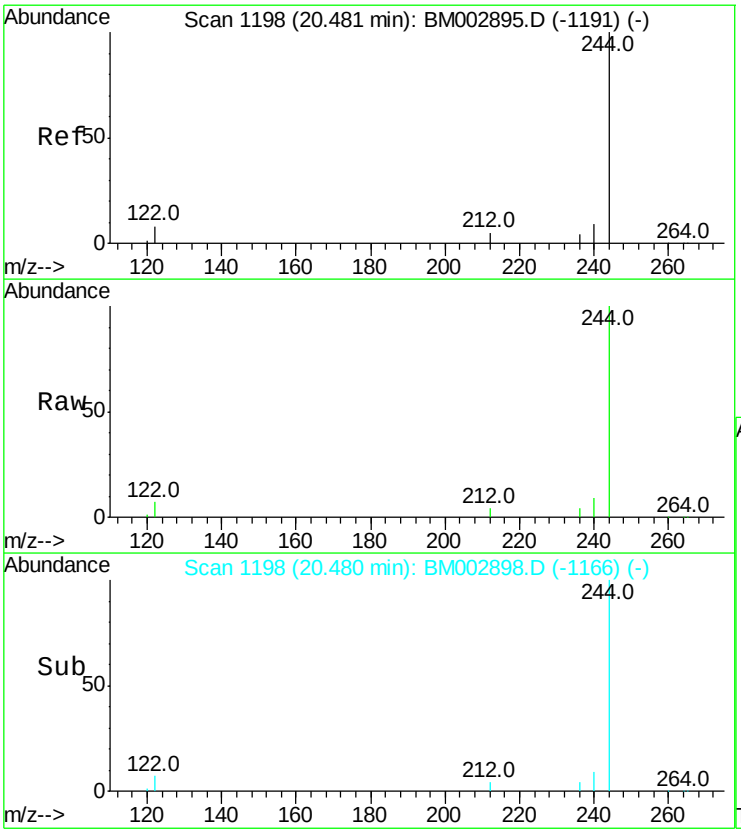
#24
Chrysene-d12
Concen: 5.00 ng
RT: 22.04 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 416552

Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.4	15.6#
236	24.5	22.0	33.0

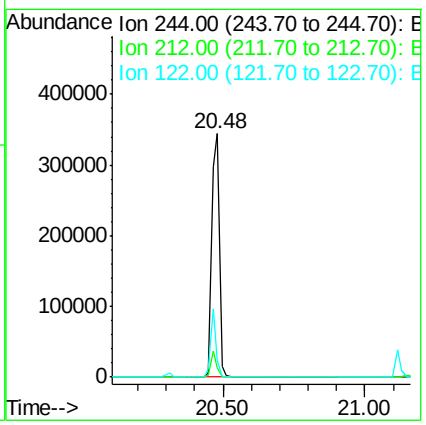


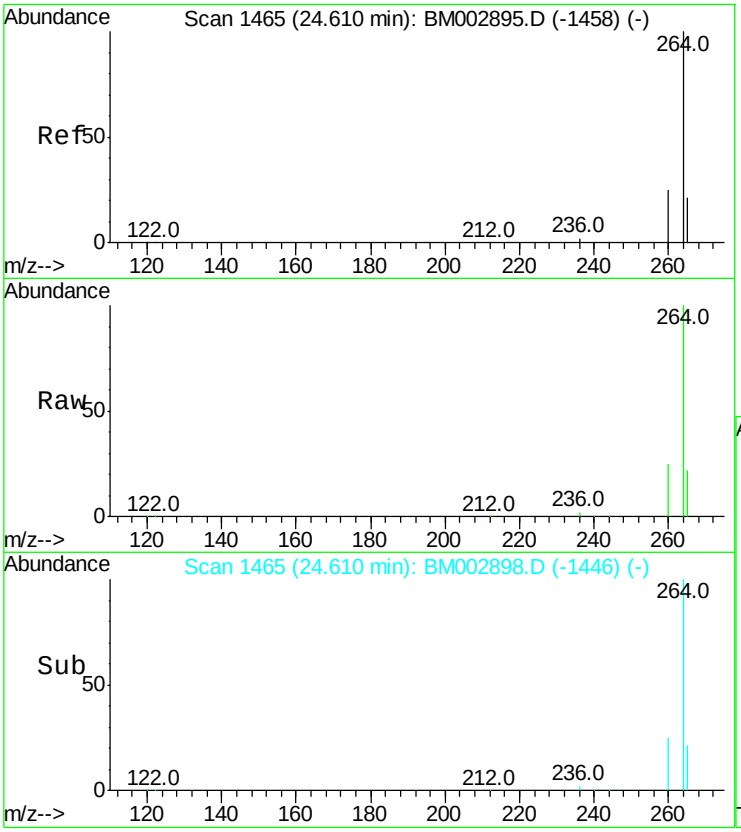


#25
Terphenyl-d14
Concen: 9.81 ng
RT: 20.48 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM002898.D
Acq: 13 Oct 2015 22:12

Tgt Ion:244 Resp: 621276

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.3	10.9
122	19.8	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: BM002898.D
Acq: 13 Oct 2015 22:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 379983

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.8	17.4	26.2