Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
Data File : BM001227.D
Acq On : 06 May 2015 21:17
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Quant Time: May 07 06:39:40 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	18625	5.00	ng		0.00
9) Naphthalene-d8	10.26	136	53711	5.00	ng		0.00
16) Acenaphthene-d10	14.15	164	28827	5.00	ng		0.00
23) Phenanthrene-d10	16.90	188	49851	5.00	ng		0.00
27) Chrysene-d12	21.09	240	58948	5.00	ng		0.00
29) Perylene-d12	23.23	264	54009	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	6039	1.99	ng		0.00
4) Phenol-d6	6.65	99	8737	2.12	ng		0.00
10) Nitrobenzene-d5	8.61	82	6573	2.15	ng		0.00
17) 2,4,6-Tribromophenol	15.64	330	2584	2.15	ng		0.00
20) 2-Fluorobiphenyl	12.76	172	17887	1.99	ng		0.00
28) Terphenyl-d14	19.55	244	15770	0.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	2356	1.95	ng		98
5) 2-Chlorophenol	7.05	128	5235	1.98	ng		97
6) Phenol	6.68	94	8291	2.01	ng		93
7) 2-Methylphenol	7.94	107	4357	2.00	ng		96
8) 3+4-Methylphenols	8.24	107	6130	2.16	ng	#	39
11) 2-Nitrophenol	9.39	139	2585	2.15	ng	#	84
12) 2,4-Dimethylphenol	9.46	122	5498	2.12	ng		94
13) 2,4-Dichlorophenol	9.92	162	5647	2.14	ng		96
14) 4-Chloro-3-methylphenol	11.55	107	5813	2.12	ng		94
15) 2-Methylnaphthalene	11.92	142	15787	2.06	ng		100
18) 2,4,6-Trichlorophenol	12.56	196	4466	2.11	ng		99
19) 2,4,5-Trichlorophenol	12.64	196	5214	2.19	ng		96
21) 2,4-Dinitrophenol	14.29	184	950	2.50	ng	#	70
22) 4-Nitrophenol	14.38	139	1749	1.43	ng		91
24) 4,6-Dinitro-2-methylphenol	15.29	198	1990	2.29	ng	#	72
25) Hexachlorobenzene	16.21	284	7622	2.08	ng		99
26) Pentachlorophenol	16.56	266	1870	2.29	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050615\
Data File : BM001227.D
Acq On : 06 May 2015 21:17
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Quant Time: May 07 06:39:40 2015
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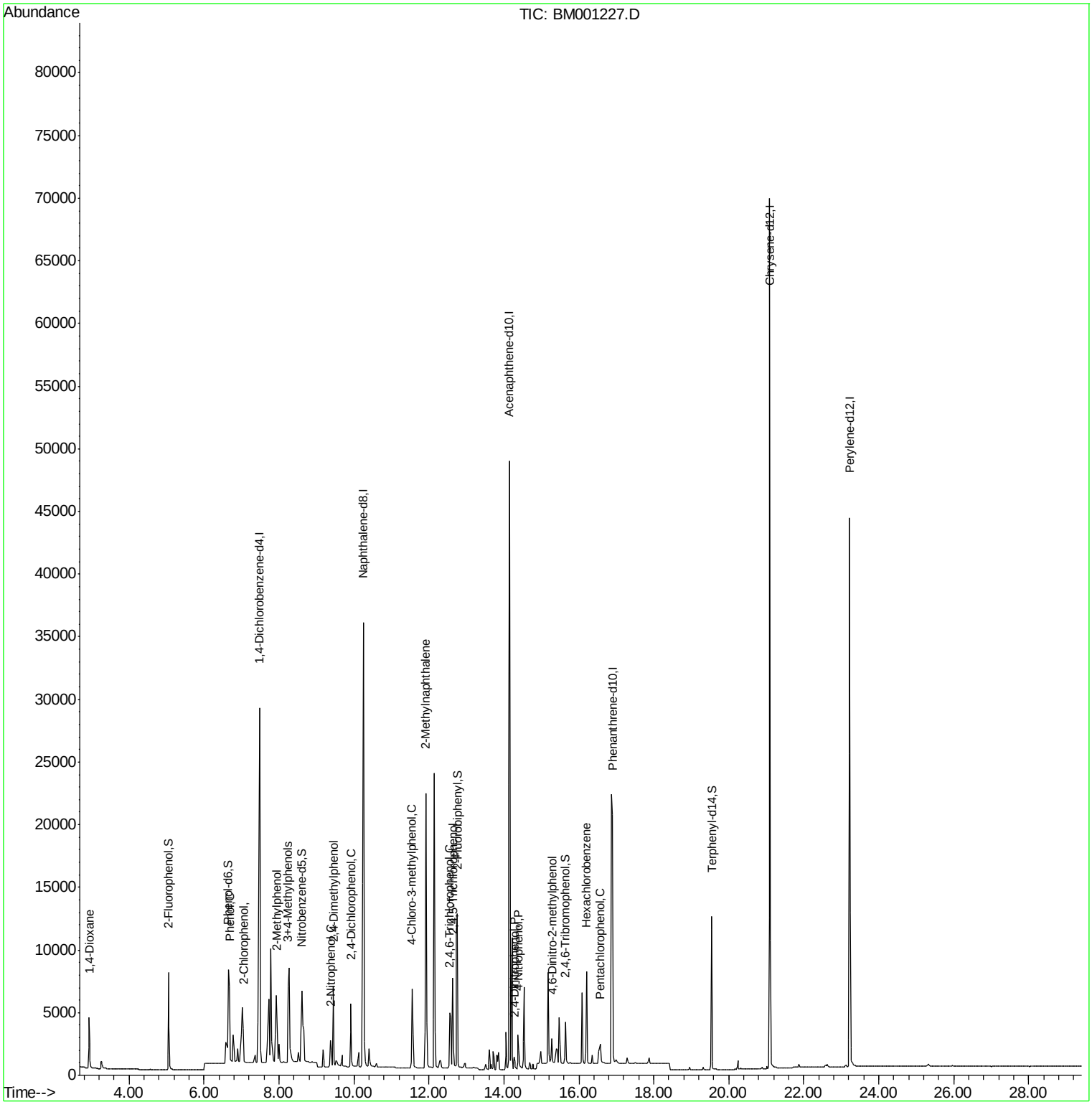
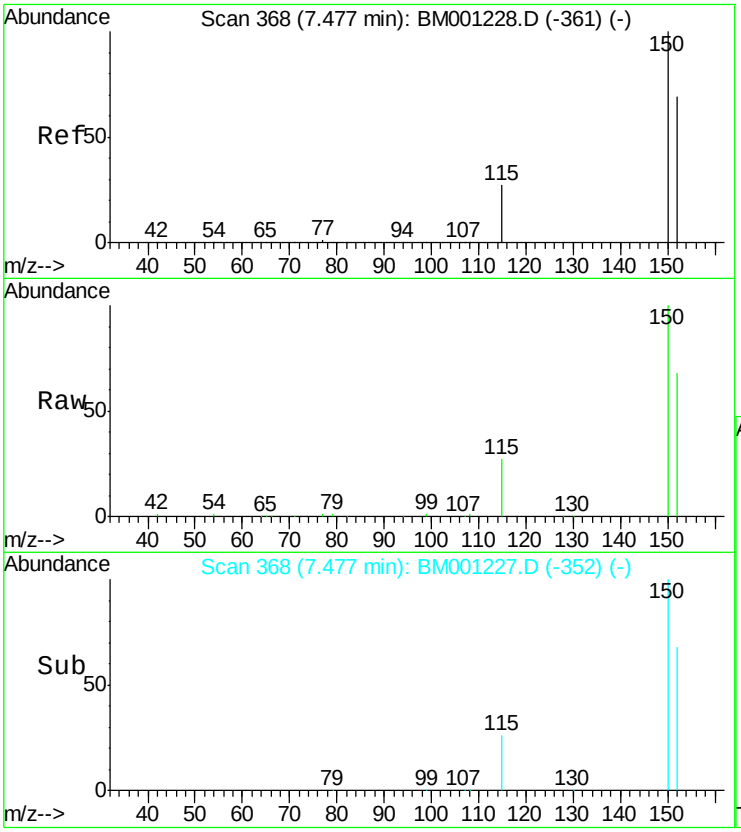


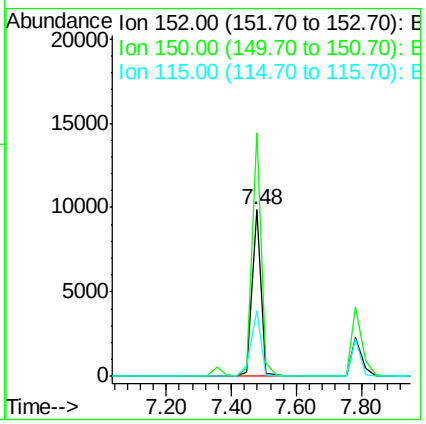


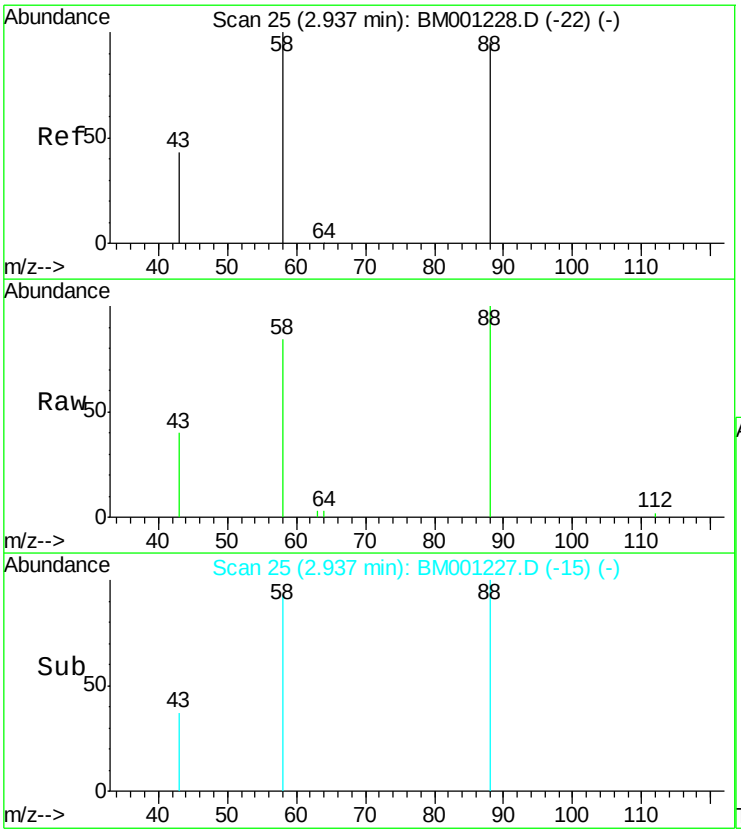
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 368
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 18625

Ion	Ratio	Lower	Upper
152	100		
150	146.4	116.3	174.5
115	39.1	31.9	47.9

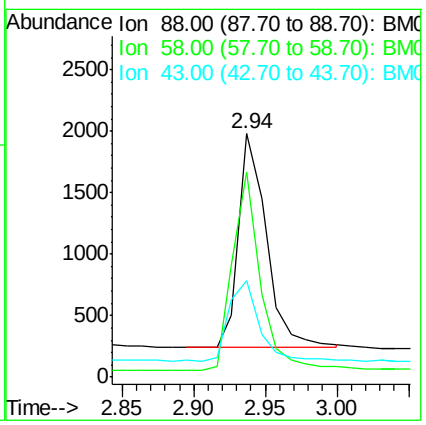


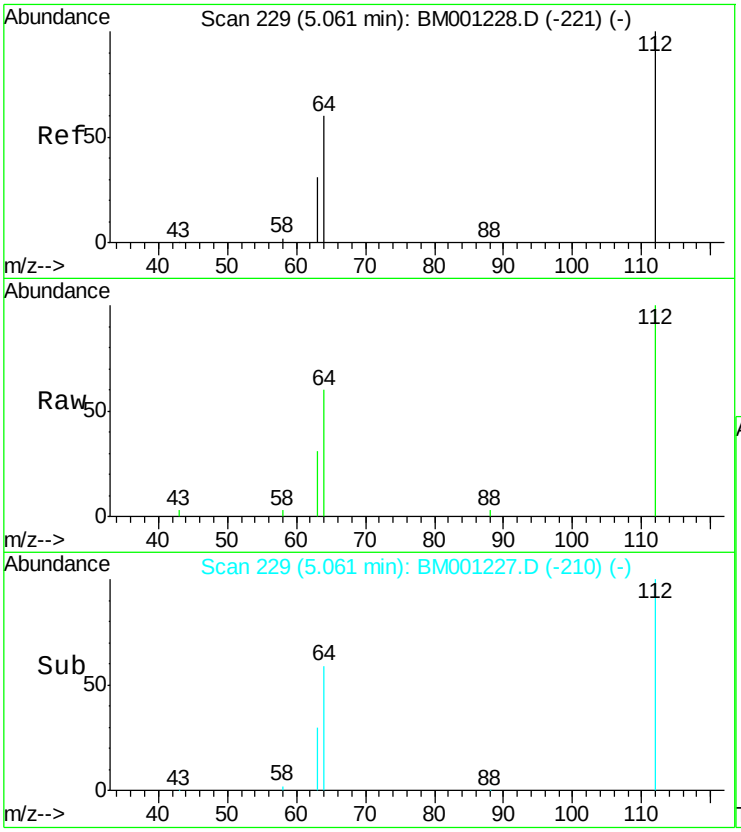


#2
1,4-Dioxane
Concen: 1.95 ng
RT: 2.94 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion: 88 Resp: 2356

Ion	Ratio	Lower	Upper
88	100		
58	91.8	75.5	113.3
43	40.2	32.7	49.1



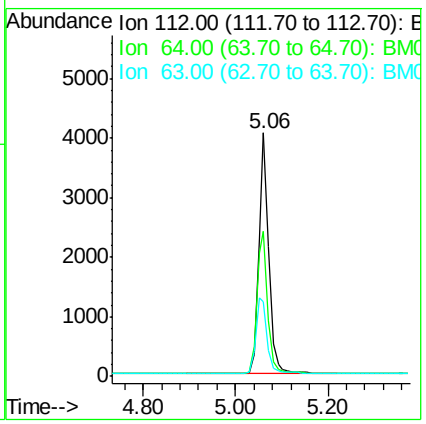


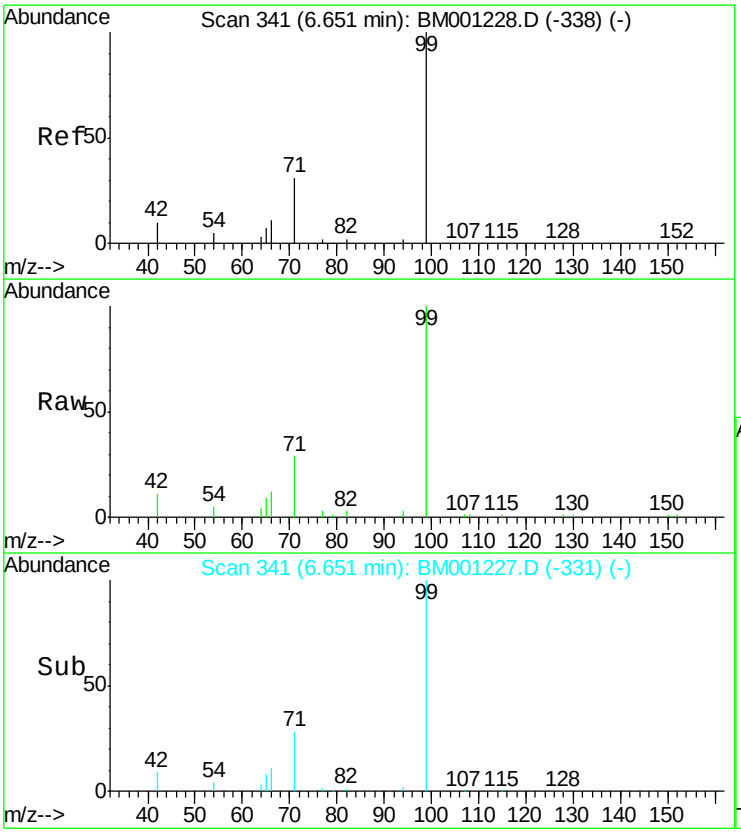
#3
2-Fluorophenol
Concen: 1.99 ng
RT: 5.06 min Scan# 229
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:112 Resp: 6039

Ion	Ratio	Lower	Upper
112	100		
64	59.8	49.3	73.9
63	30.6	26.2	39.4

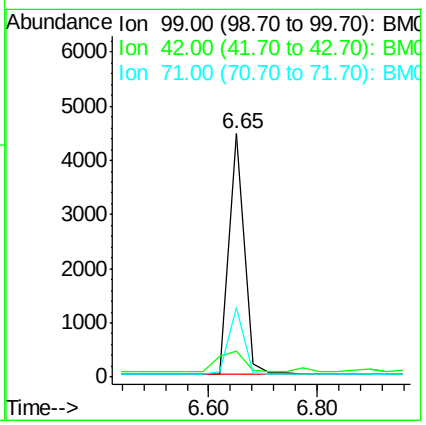


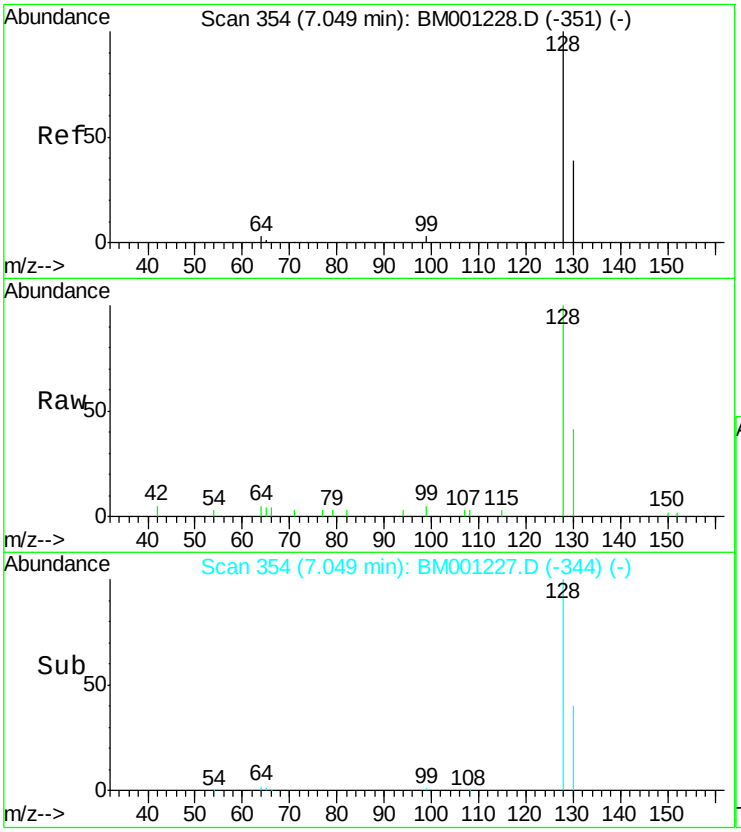


#4
Phenol-d6
Concen: 2.12 ng
RT: 6.65 min Scan# 341
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion: 99 Resp: 8737

Ion	Ratio	Lower	Upper
99	100		
42	10.9	12.1	18.1#
71	28.7	26.4	39.6



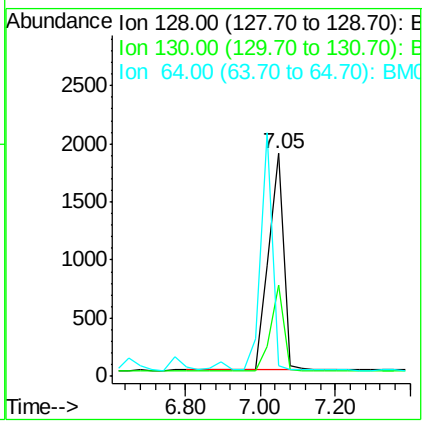


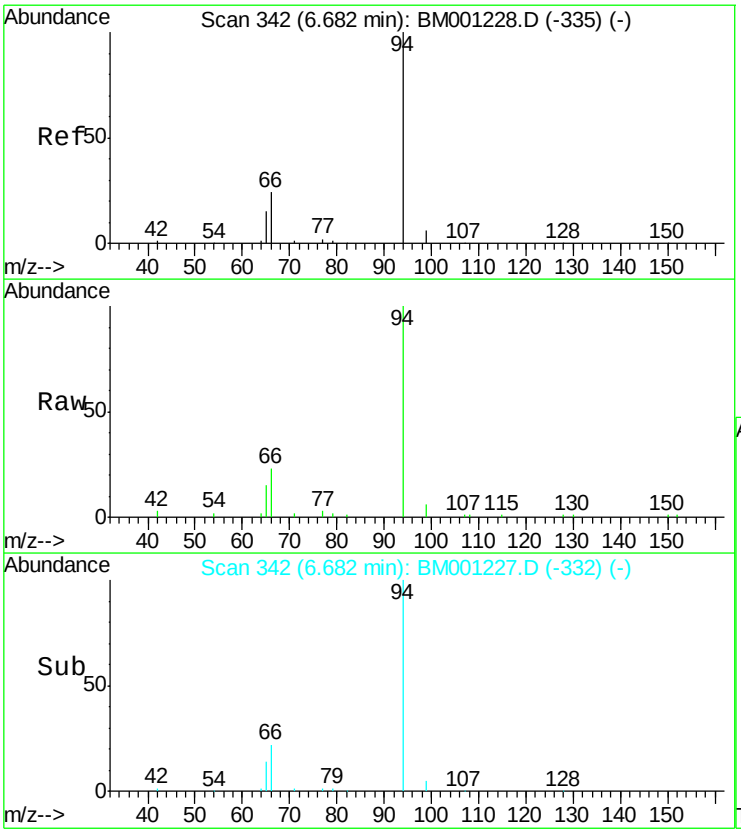
#5
2-Chlorophenol
Concen: 1.98 ng
RT: 7.05 min Scan# 354
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:128 Resp: 5235

Ion	Ratio	Lower	Upper
128	100		
130	40.9	22.2	62.2
64	5.0	0.0	28.7

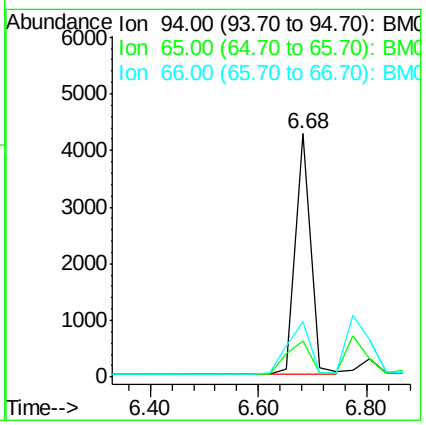


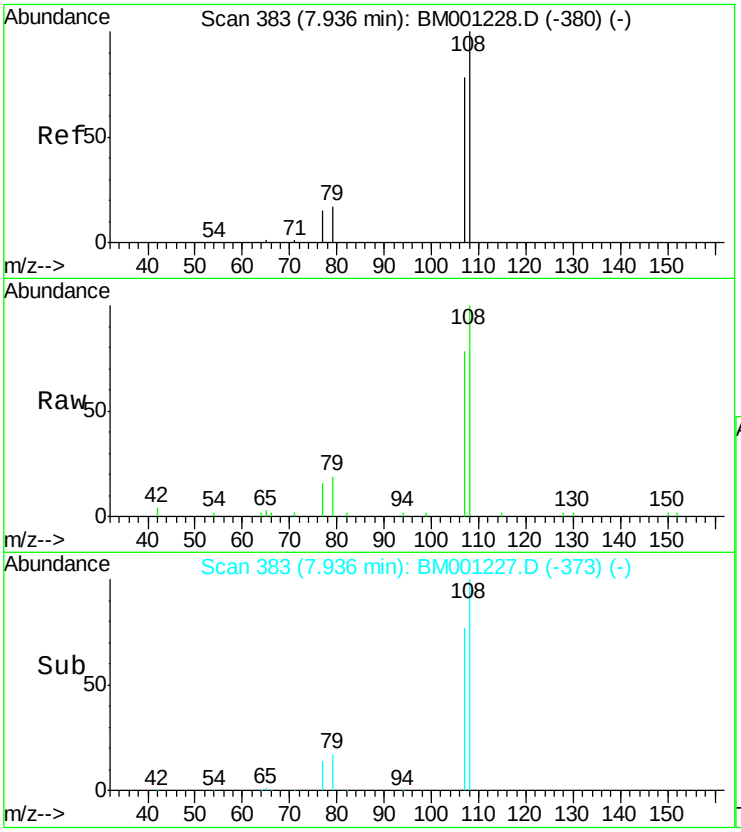


#6
Phenol
Concen: 2.01 ng
RT: 6.68 min Scan# 342
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion: 94 Resp: 8291

Ion	Ratio	Lower	Upper
94	100		
65	14.7	0.0	37.7
66	22.6	6.3	46.3



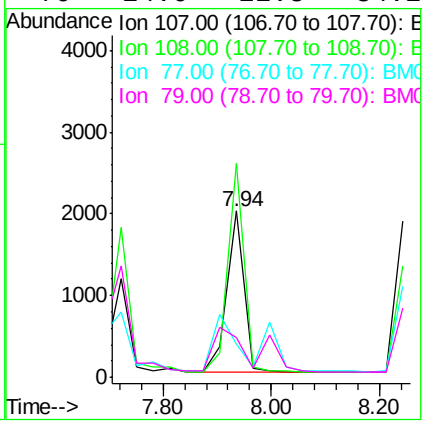


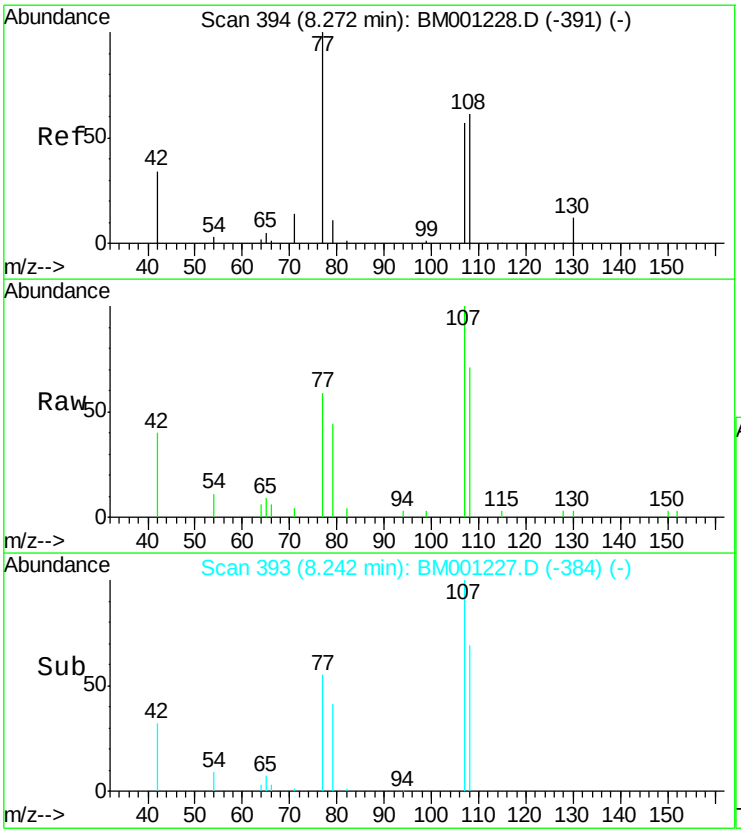
#7
2-Methylphenol
Concen: 2.00 ng
RT: 7.94 min Scan# 383
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:107 Resp: 4357

Ion	Ratio	Lower	Upper
107	100		
108	128.6	100.9	151.3
77	20.4	20.3	30.5
79	24.0	22.8	34.2

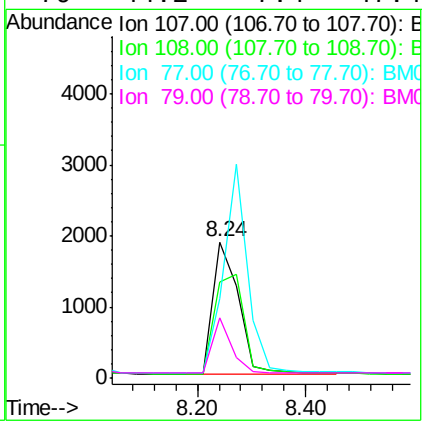


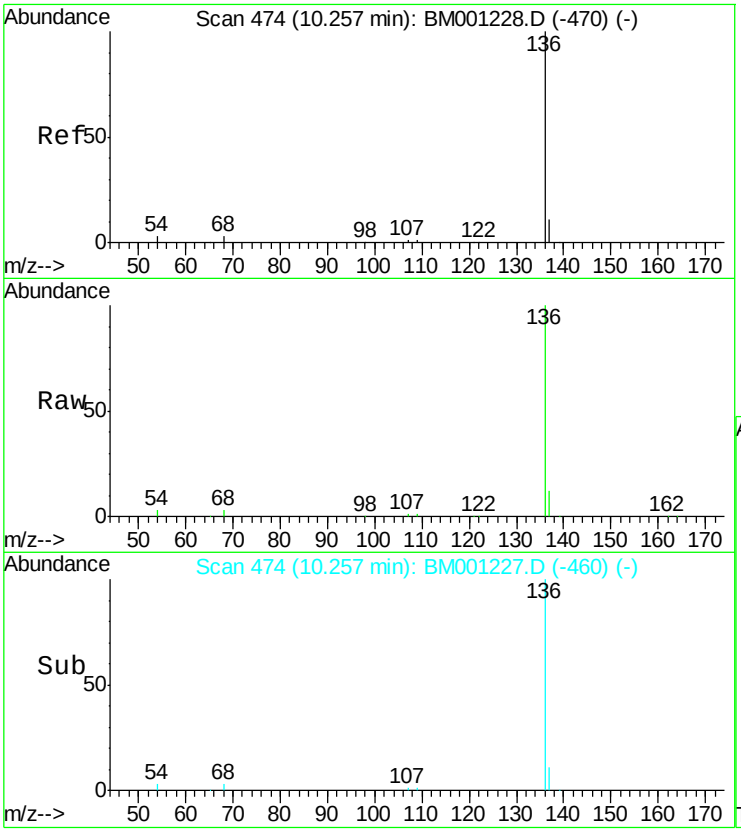


#8
3+4-Methylphenols
Concen: 2.16 ng
RT: 8.24 min Scan# 393
Delta R.T. -0.03 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:107 Resp: 6130

Ion	Ratio	Lower	Upper
107	100		
108	71.2	86.3	126.3#
77	58.7	151.7	191.7#
79	44.2	7.4	47.4



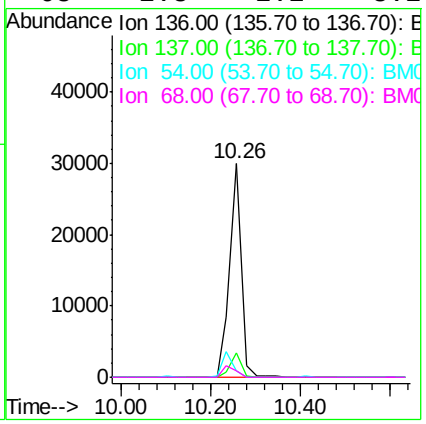


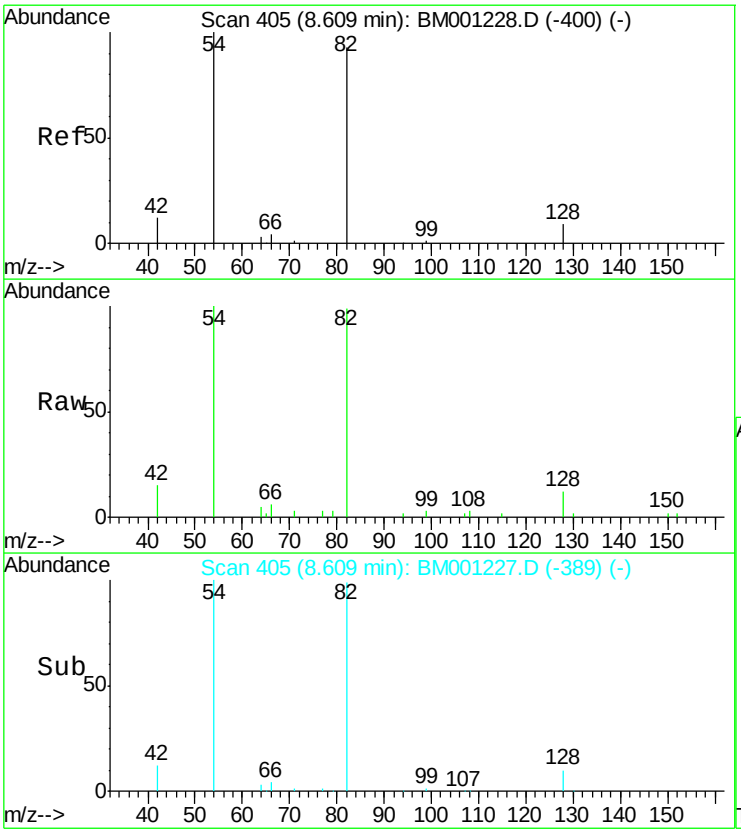
#9
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 474
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:136 Resp: 53711

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	3.2	2.6	3.8
68	2.8	2.2	3.2

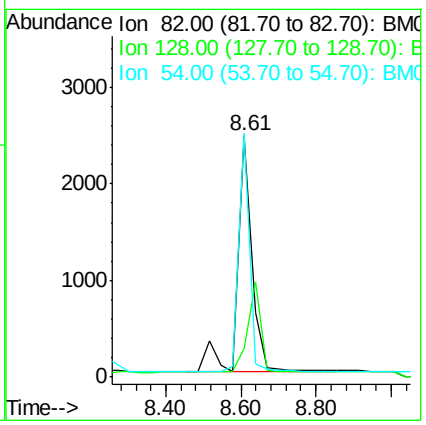


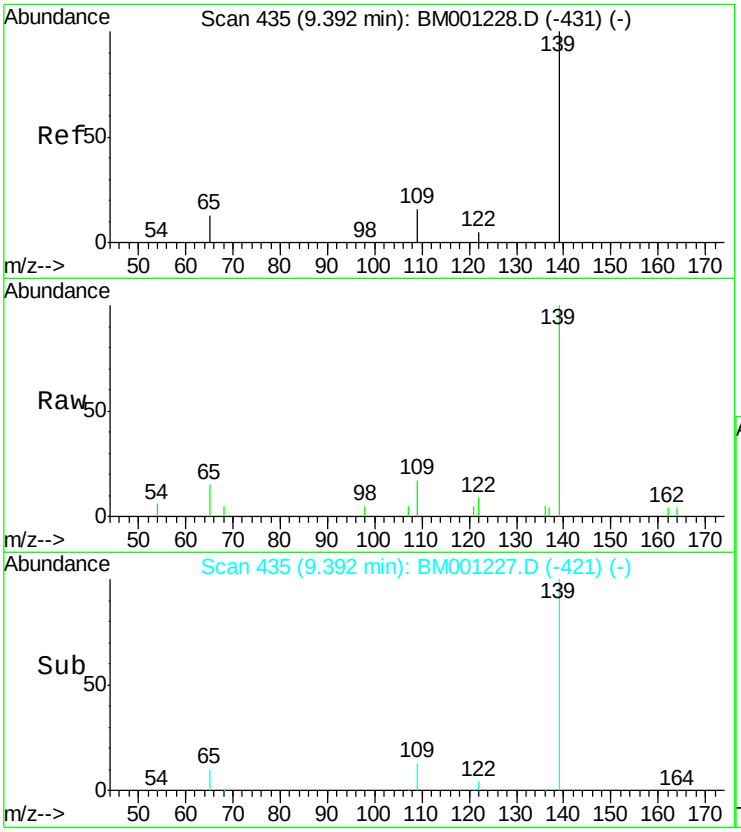


#10
Nitrobenzene-d5
Concen: 2.15 ng
RT: 8.61 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion: 82 Resp: 6573

Ion	Ratio	Lower	Upper
82	100		
128	0.0	0.0	0.0
54	75.4	59.0	88.6



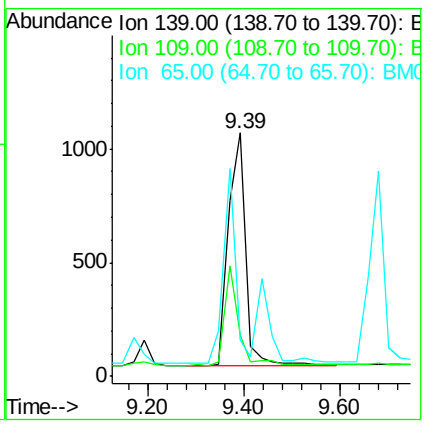


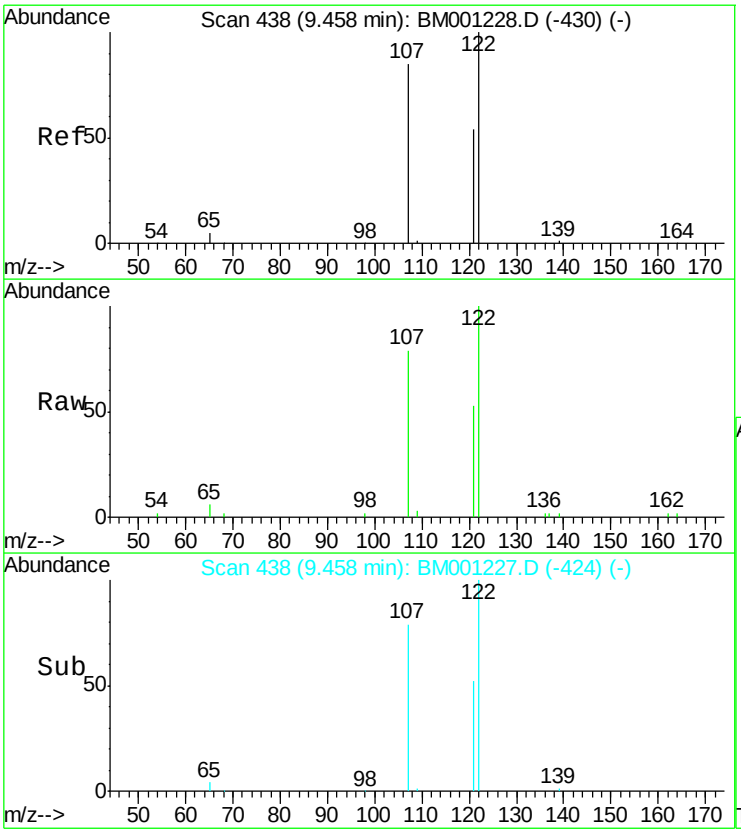
#11
2-Nitrophenol
Concen: 2.15 ng
RT: 9.39 min Scan# 435
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:139 Resp: 2585

Ion	Ratio	Lower	Upper
139	100		
109	17.0	19.5	29.3#
65	15.1	18.6	28.0#

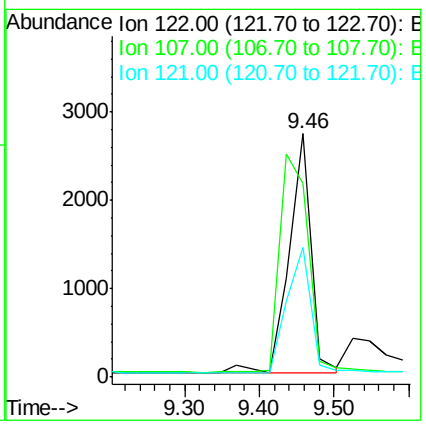


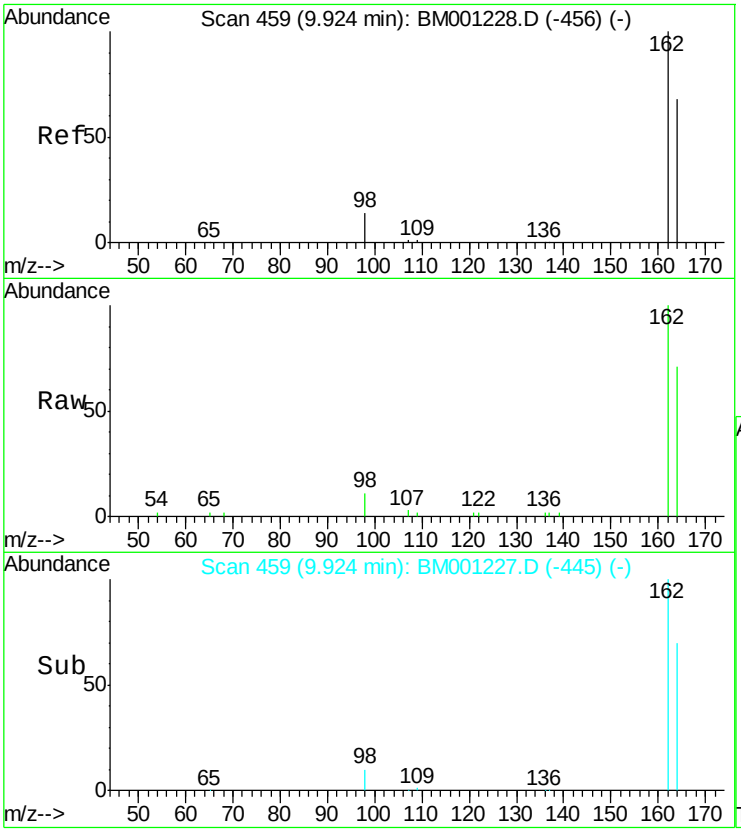


#12
2,4-Dimethylphenol
Concen: 2.12 ng
RT: 9.46 min Scan# 438
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:122 Resp: 5498

Ion	Ratio	Lower	Upper
122	100		
107	79.5	68.6	102.8
121	53.3	44.8	67.2



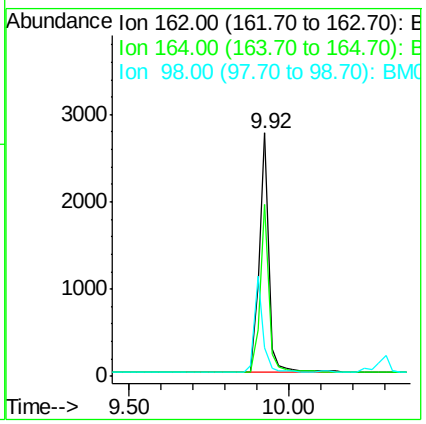


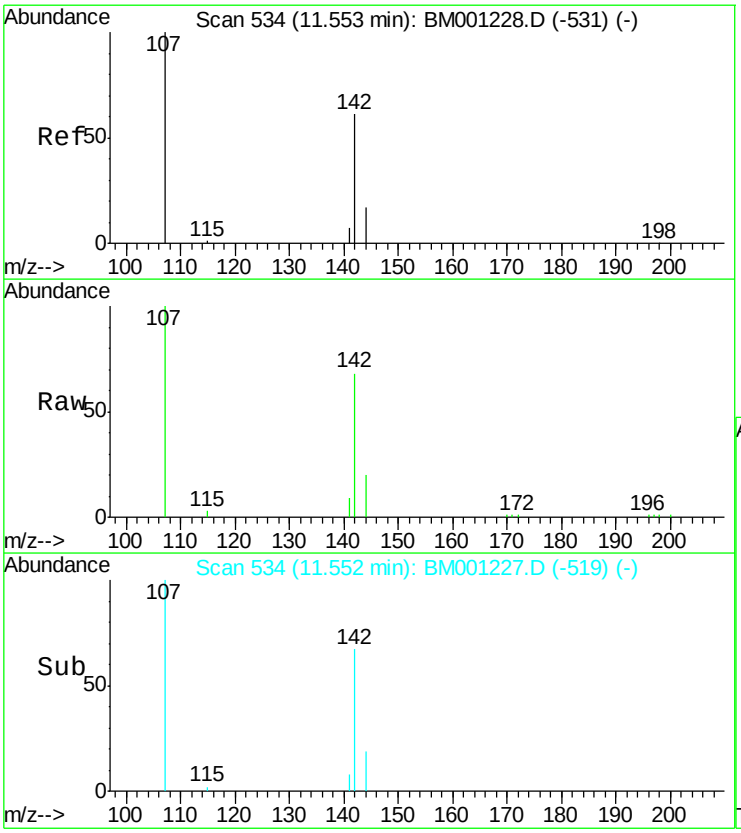
#13
2,4-Dichlorophenol
Concen: 2.14 ng
RT: 9.92 min Scan# 459
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:162 Resp: 5647

Ion	Ratio	Lower	Upper
162	100		
164	70.7	49.2	89.2
98	11.5	0.0	37.4

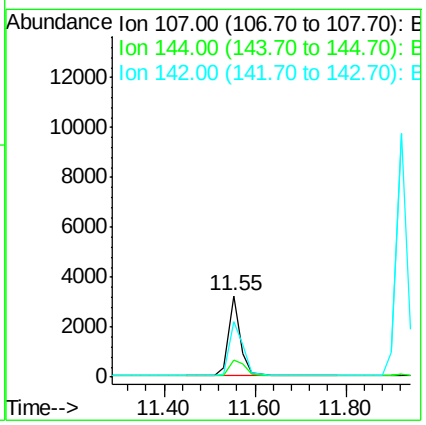


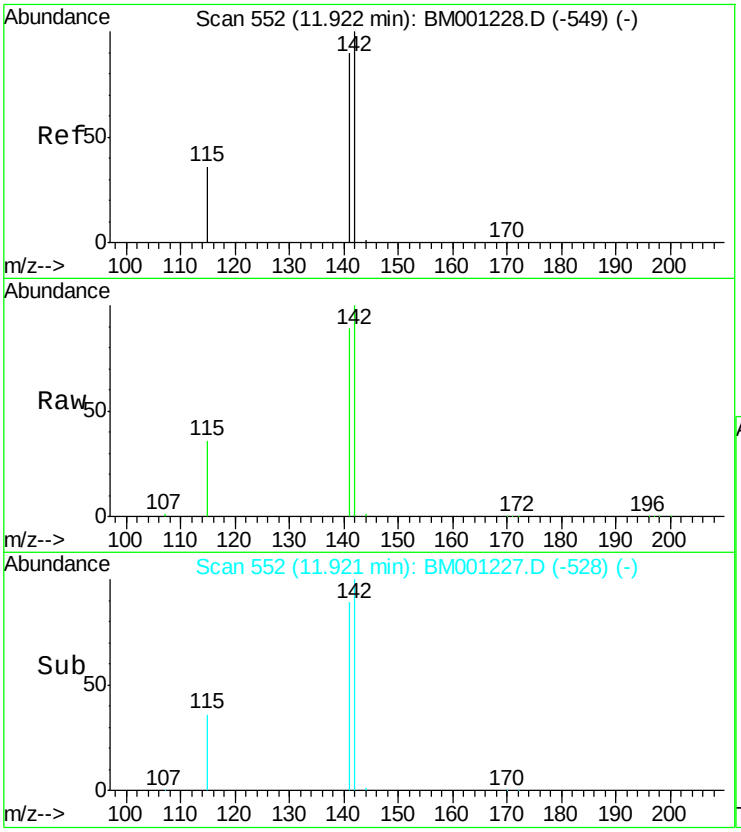


#14
4-Chloro-3-methylphenol
Concen: 2.12 ng
RT: 11.55 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:107 Resp: 5813

Ion	Ratio	Lower	Upper
107	100		
144	20.5	16.2	24.2
142	67.8	49.8	74.6



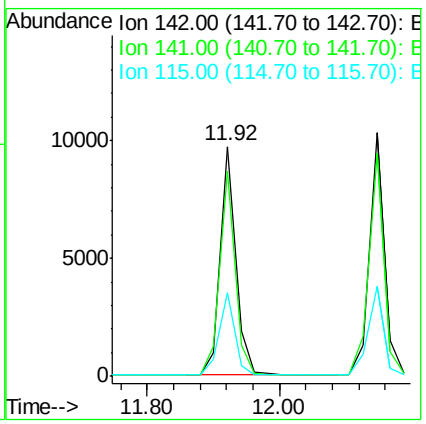


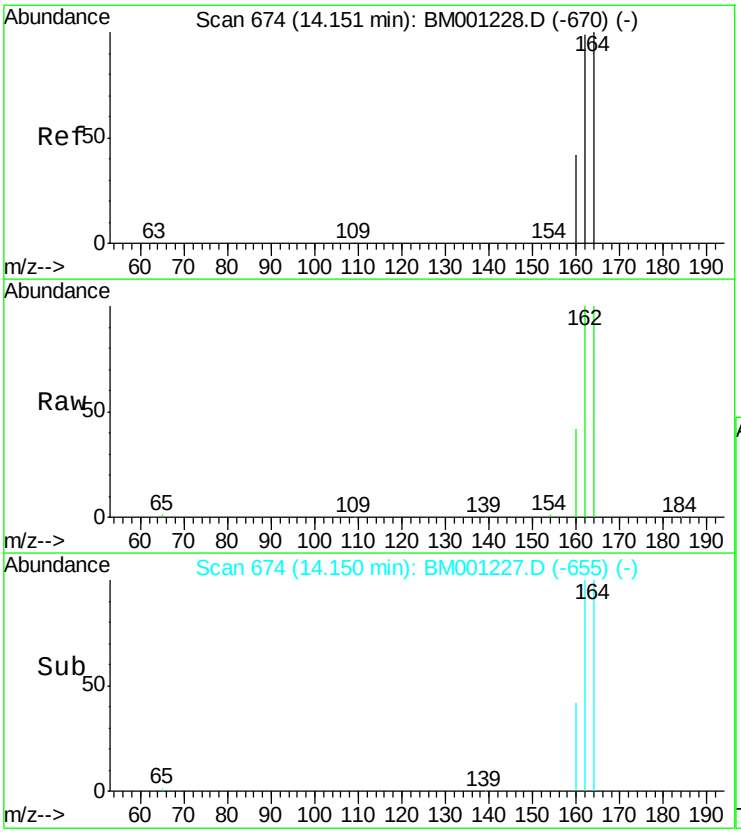
#15
2-Methylnaphthalene
Concen: 2.06 ng
RT: 11.92 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:142 Resp: 15787

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.0
115	36.3	29.3	43.9

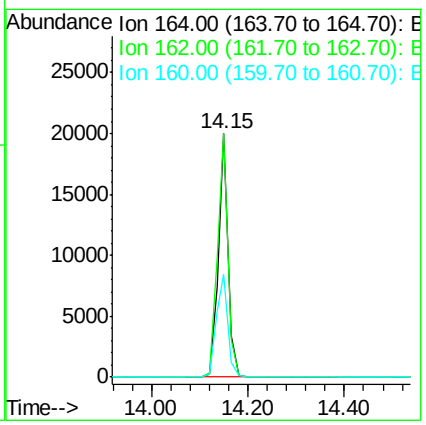


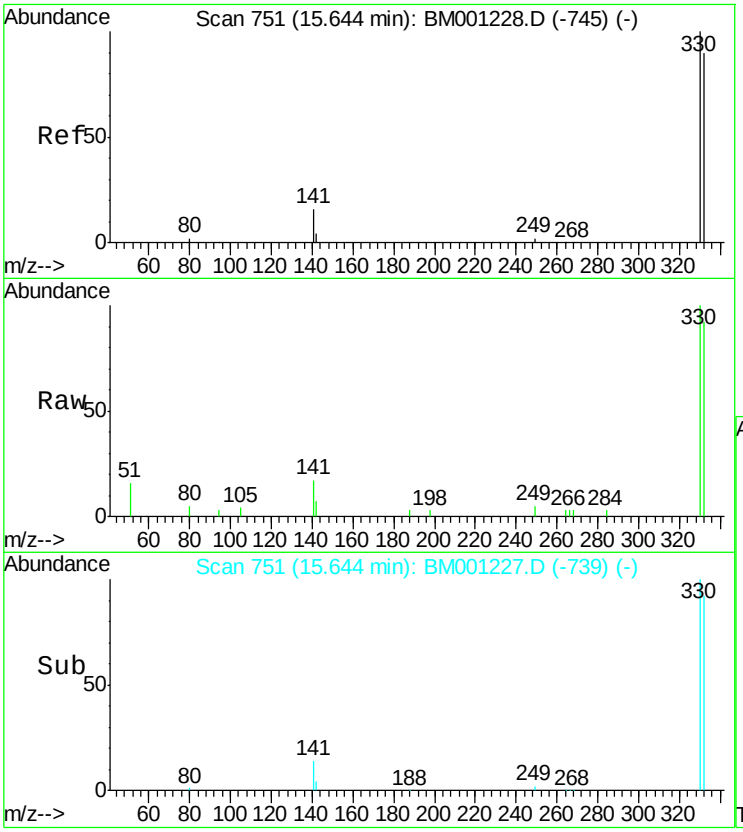


#16
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.15 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:164 Resp: 28827

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.2	118.8
160	42.5	33.7	50.5



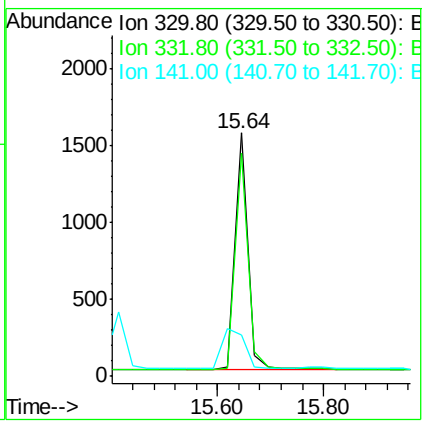


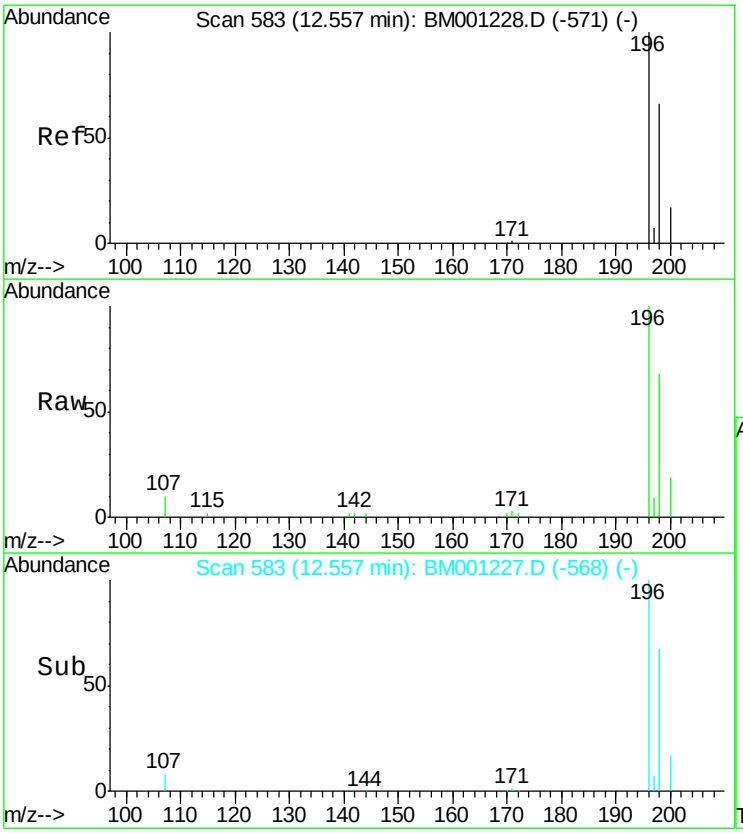
#17
2,4,6-Tribromophenol
Concen: 2.15 ng
RT: 15.64 min Scan# 751
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:330 Resp: 2584

Ion	Ratio	Lower	Upper
330	100		
332	93.0	74.0	111.0
141	0.0	24.1	36.1#

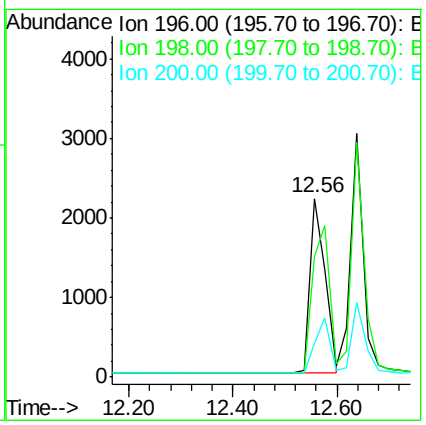


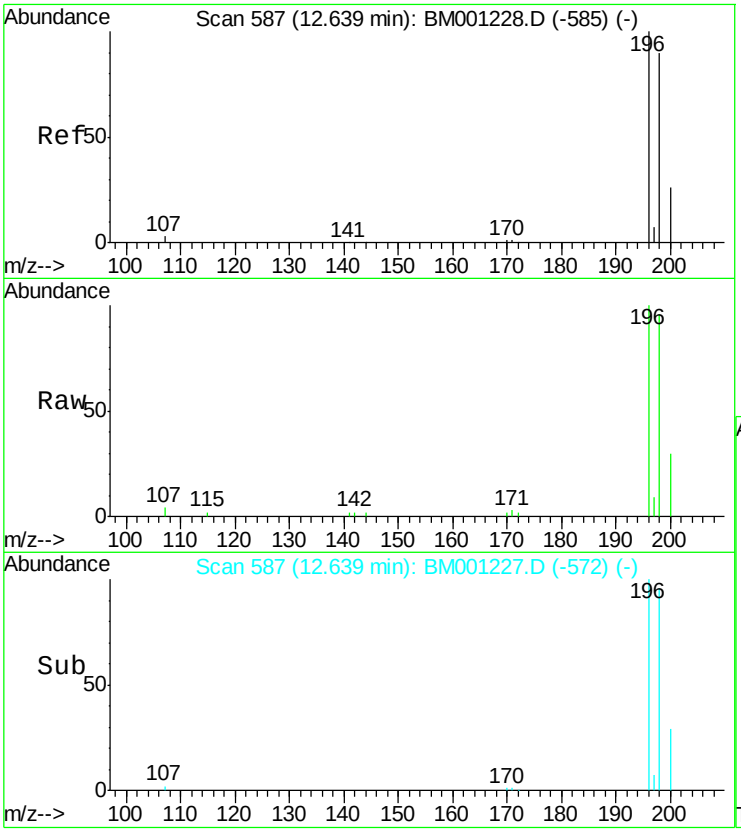


#18
2,4,6-Trichlorophenol
Concen: 2.11 ng
RT: 12.56 min Scan# 583
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:196 Resp: 4466

Ion	Ratio	Lower	Upper
196	100		
198	67.6	54.2	81.2
200	18.8	17.1	25.7



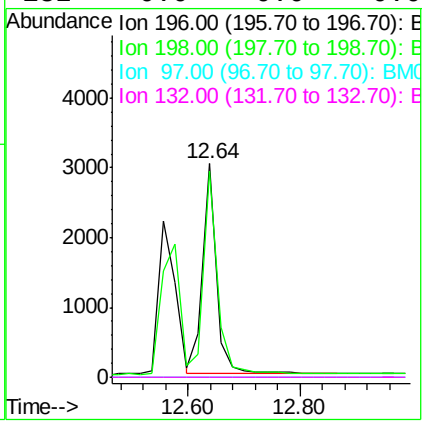


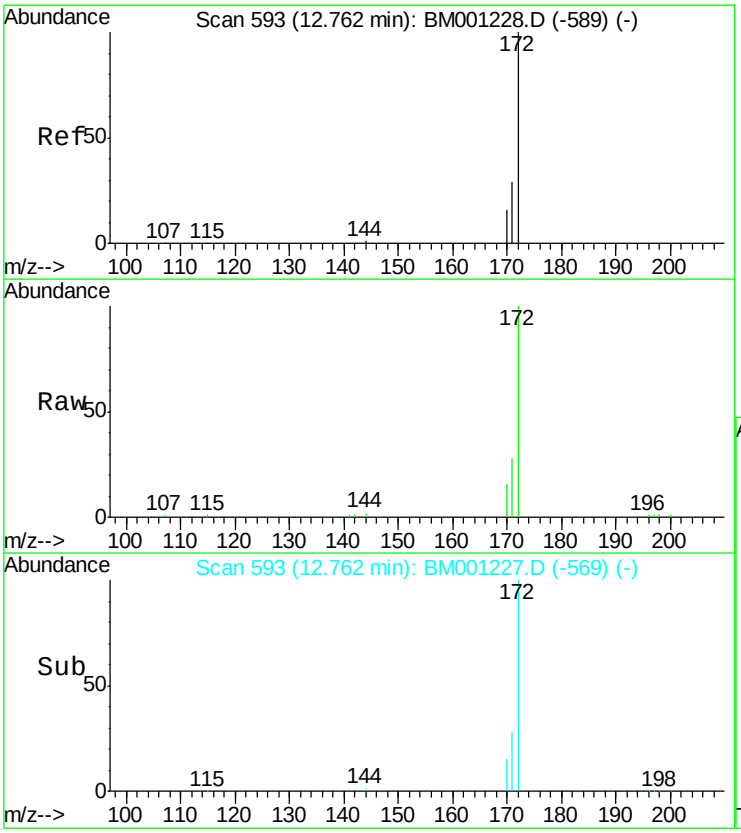
#19
2,4,5-Trichlorophenol
Concen: 2.19 ng
RT: 12.64 min Scan# 587
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:196 Resp: 5214

Ion	Ratio	Lower	Upper
196	100		
198	96.2	73.6	110.4
97	0.0	0.0	0.0
132	0.0	0.0	0.0

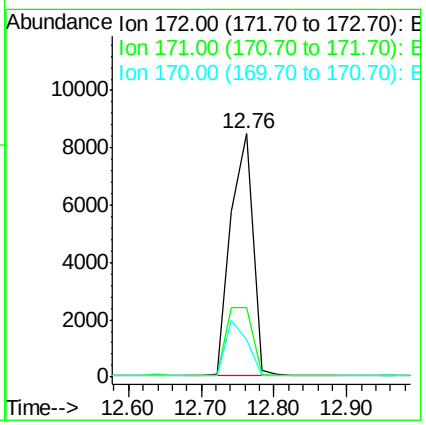


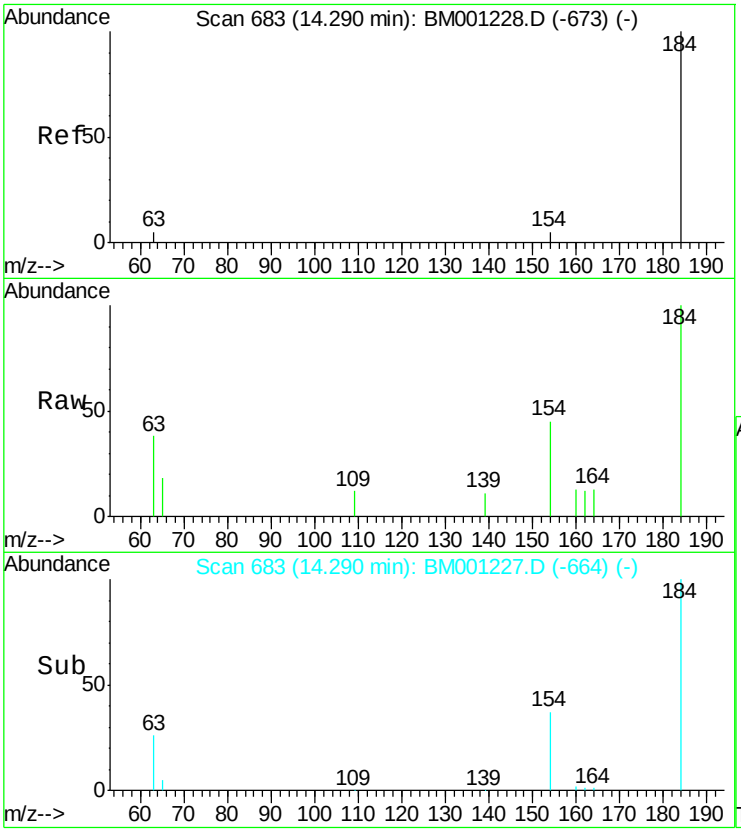


#20
2-Fluorobiphenyl
Concen: 1.99 ng
RT: 12.76 min Scan# 593
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:172 Resp: 17887

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



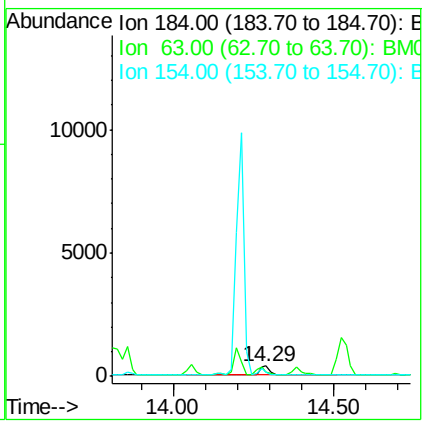


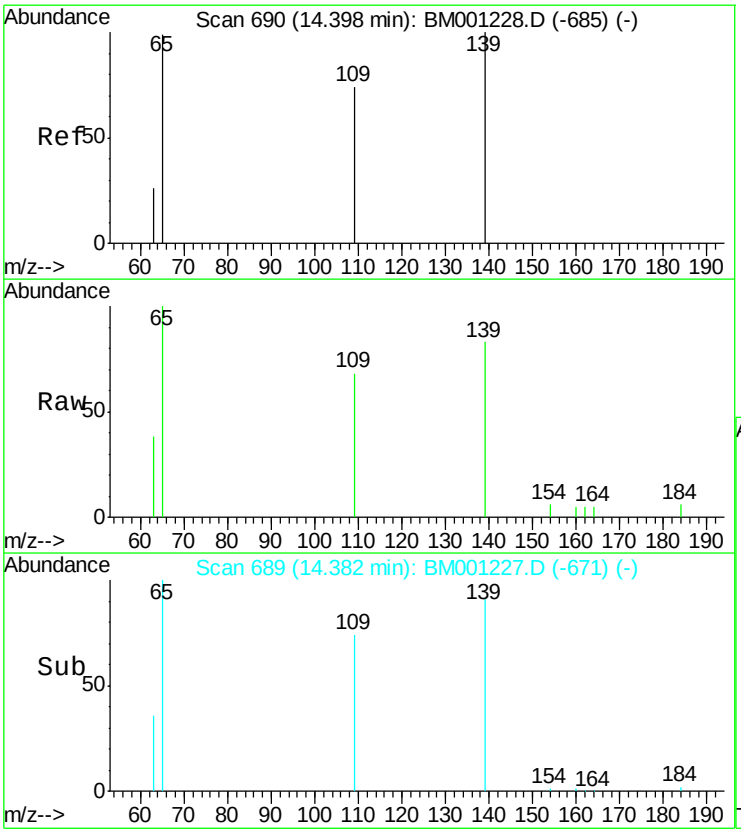
#21
2,4-Dinitrophenol
Concen: 2.50 ng
RT: 14.29 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:184 Resp: 950

Ion	Ratio	Lower	Upper
184	100		
63	37.7	52.0	78.0#
154	44.7	51.4	77.2#

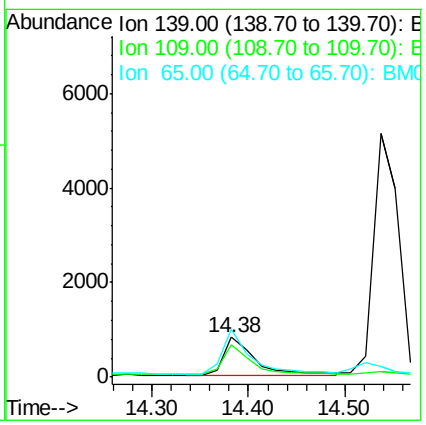


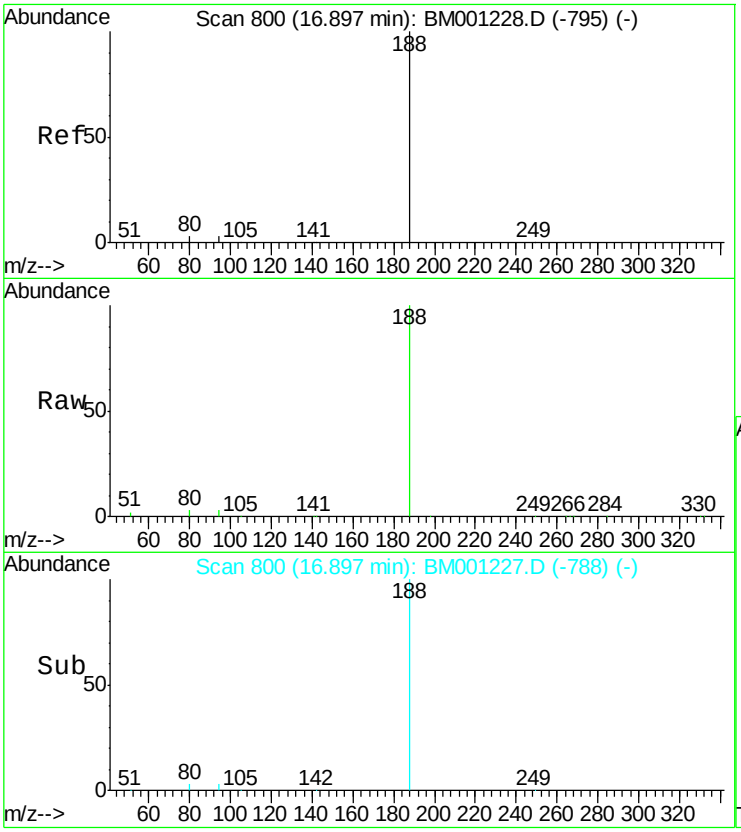


#22
4-Nitrophenol
Concen: 1.43 ng
RT: 14.38 min Scan# 689
Delta R.T. -0.02 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:139 Resp: 1749

Ion	Ratio	Lower	Upper
139	100		
109	81.4	60.0	100.0
65	120.5	85.7	125.7



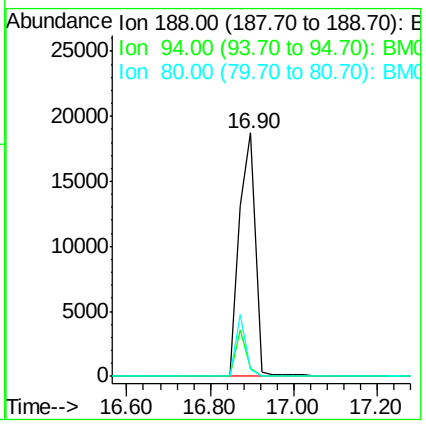


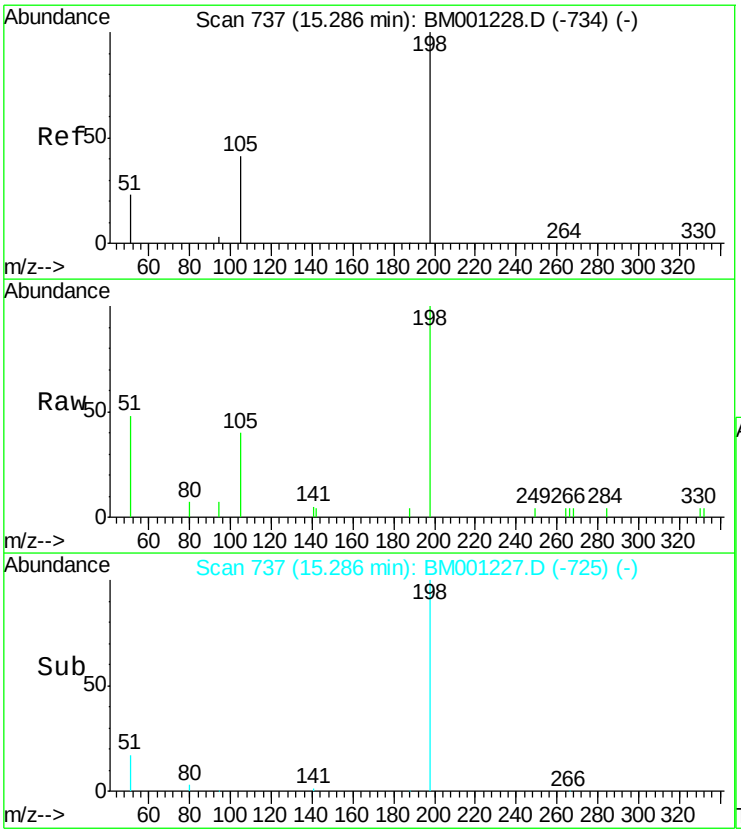
#23
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.90 min Scan# 800
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:188 Resp: 49851

Ion	Ratio	Lower	Upper
188	100		
94	3.4	2.9	4.3
80	2.9	2.5	3.7

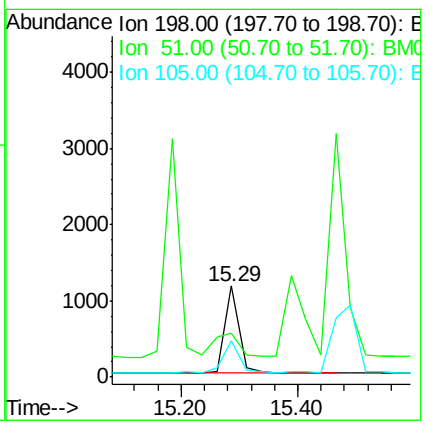


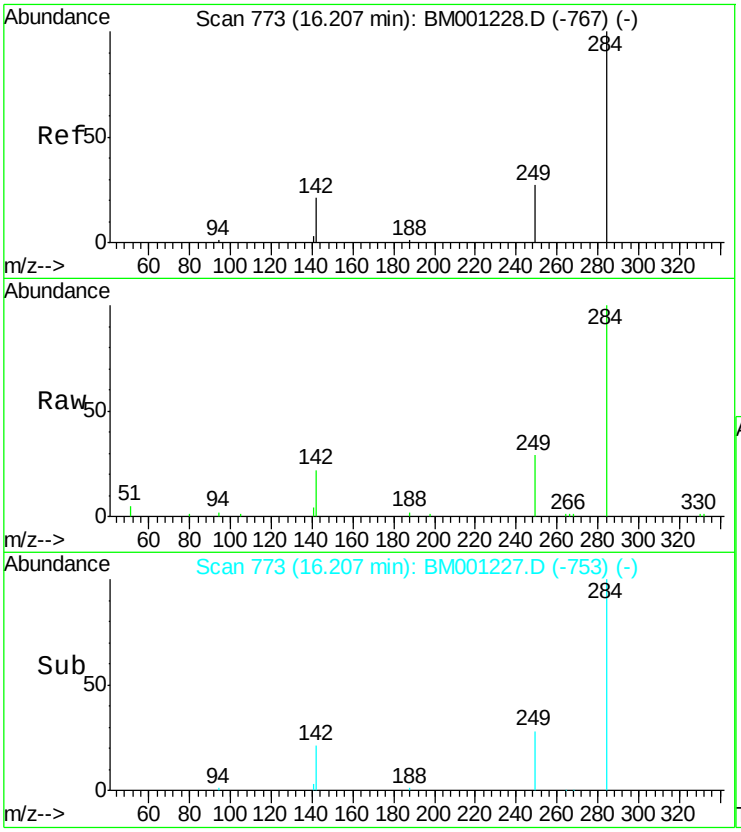


#24
4,6-Dinitro-2-methylphenol
Concen: 2.29 ng
RT: 15.29 min Scan# 737
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:198 Resp: 1990

Ion	Ratio	Lower	Upper
198	100		
51	48.3	60.8	100.8#
105	39.6	30.0	70.0



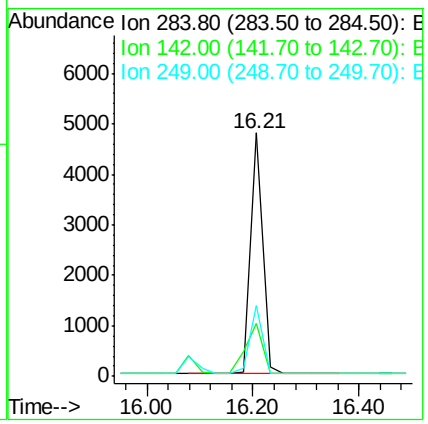


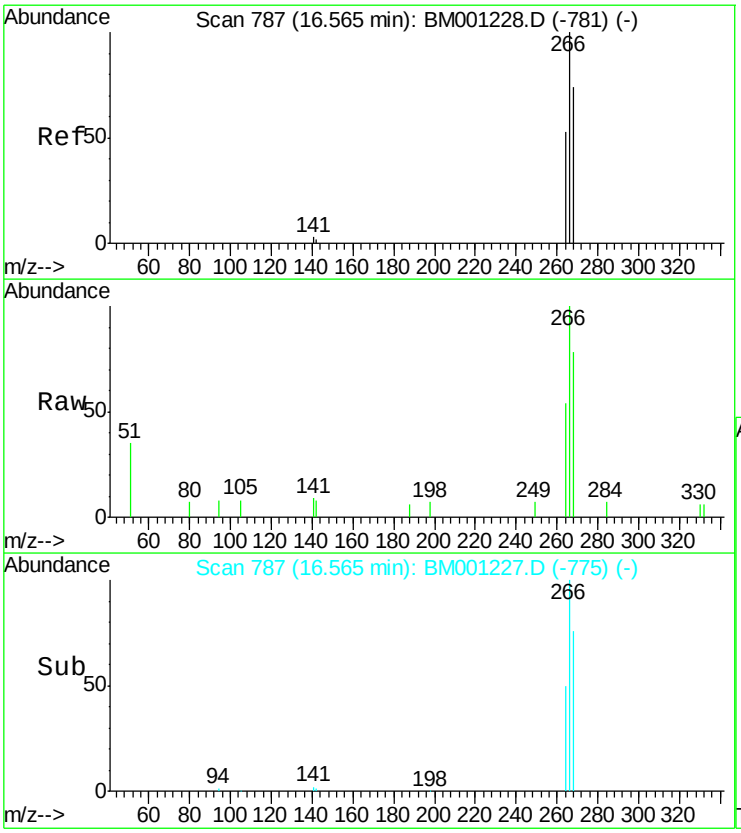
#25
Hexachlorobenzene
Concen: 2.08 ng
RT: 16.21 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:284 Resp: 7622

Ion	Ratio	Lower	Upper
284	100		
142	29.2	23.3	34.9
249	29.5	23.3	34.9

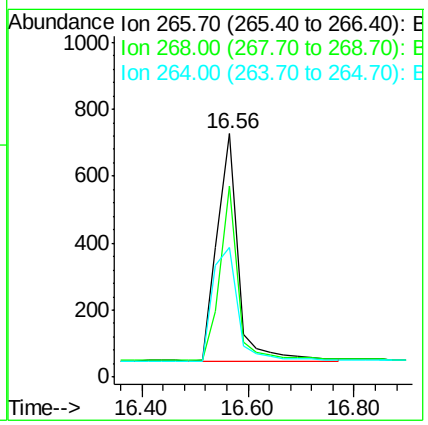


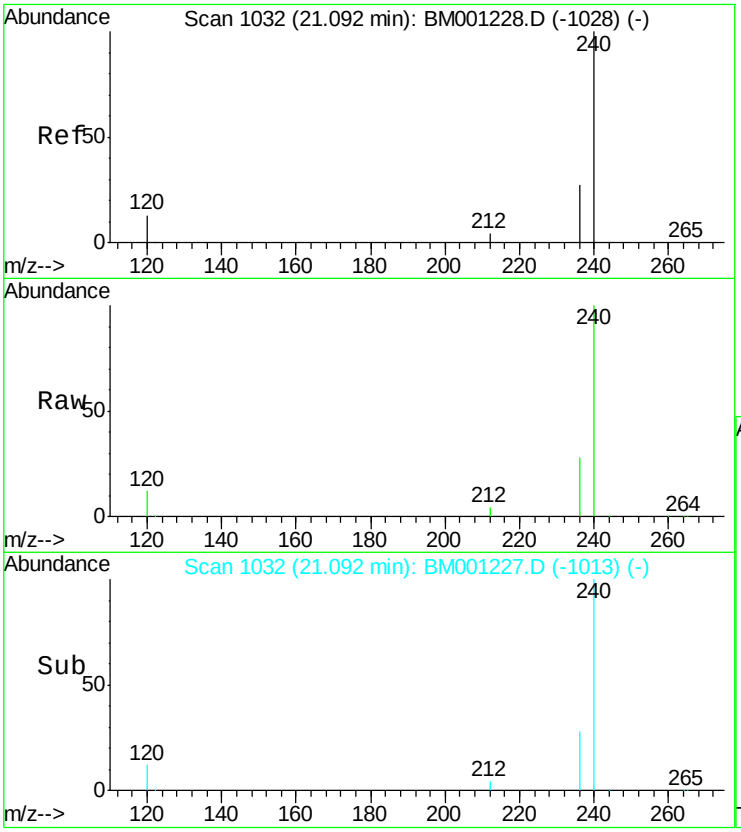


#26
Pentachlorophenol
Concen: 2.29 ng
RT: 16.56 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:266 Resp: 1870

Ion	Ratio	Lower	Upper
266	100		
268	78.3	62.6	94.0
264	53.5	47.9	71.9



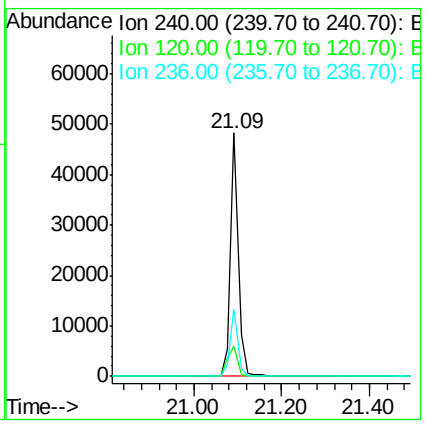


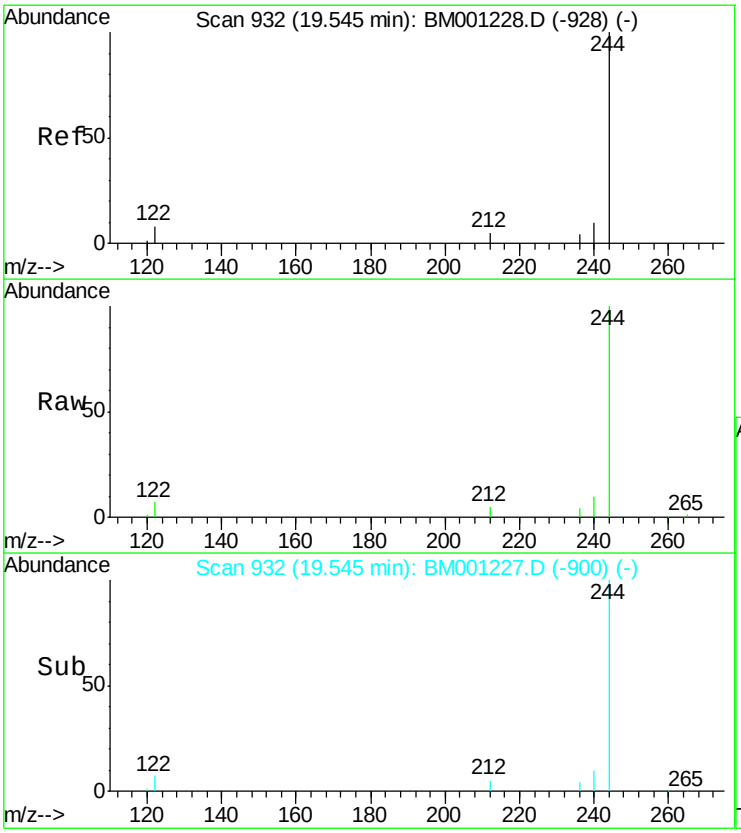
#27
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:240 Resp: 58948

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.4	15.6
236	27.8	22.0	33.0

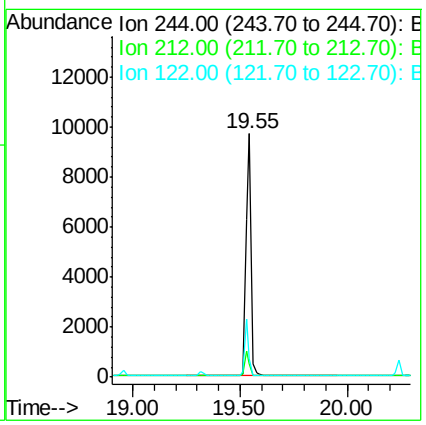


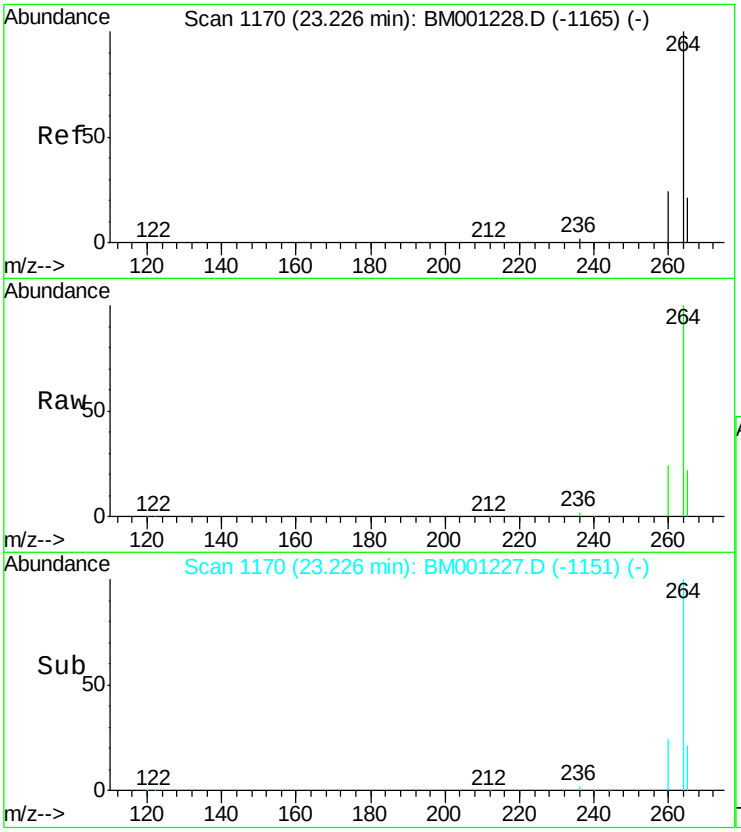


#28
Terphenyl-d14
Concen: 0.01 ng
RT: 19.55 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Tgt Ion:244 Resp: 15770

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	18.9	14.8	22.2





#29
Perylene-d12
Concen: 5.00 ng
RT: 23.23 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BM001227.D
Acq: 06 May 2015 21:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:264 Resp: 54009

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.2	17.4	26.2