Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
Data File : BM003454.D
Acq On : 10 Dec 2015 16:08
Operator : UM/IZ
Sample : G4713-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 10 17:32:17 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82641	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	358871	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	185270	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	347072	20.00	ng	0.00
75) Chrysene-d12	21.32	240	297628	20.00	ng	0.00
86) Perylene-d12	23.58	264	301440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	220311	47.40	ng	0.00
7) Phenol-d6	6.89	99	186719	28.93	ng	0.00
23) Nitrobenzene-d5	8.88	82	566571	97.89	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	181040	97.84	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1304834	95.95	ng	0.00
78) Terphenyl-d14	19.76	244	1100993	87.24	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.86	77	14114	4.46	ng	# 87
10) Phenol	6.92	94	103770	15.15	ng	# 72
20) 3+4-Methylphenols	8.49	107	16280	2.46	ng	98
32) Benzoic acid	9.85	122	129130	39.88	ng	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
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Acq On : 10 Dec 2015 16:08
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Misc :
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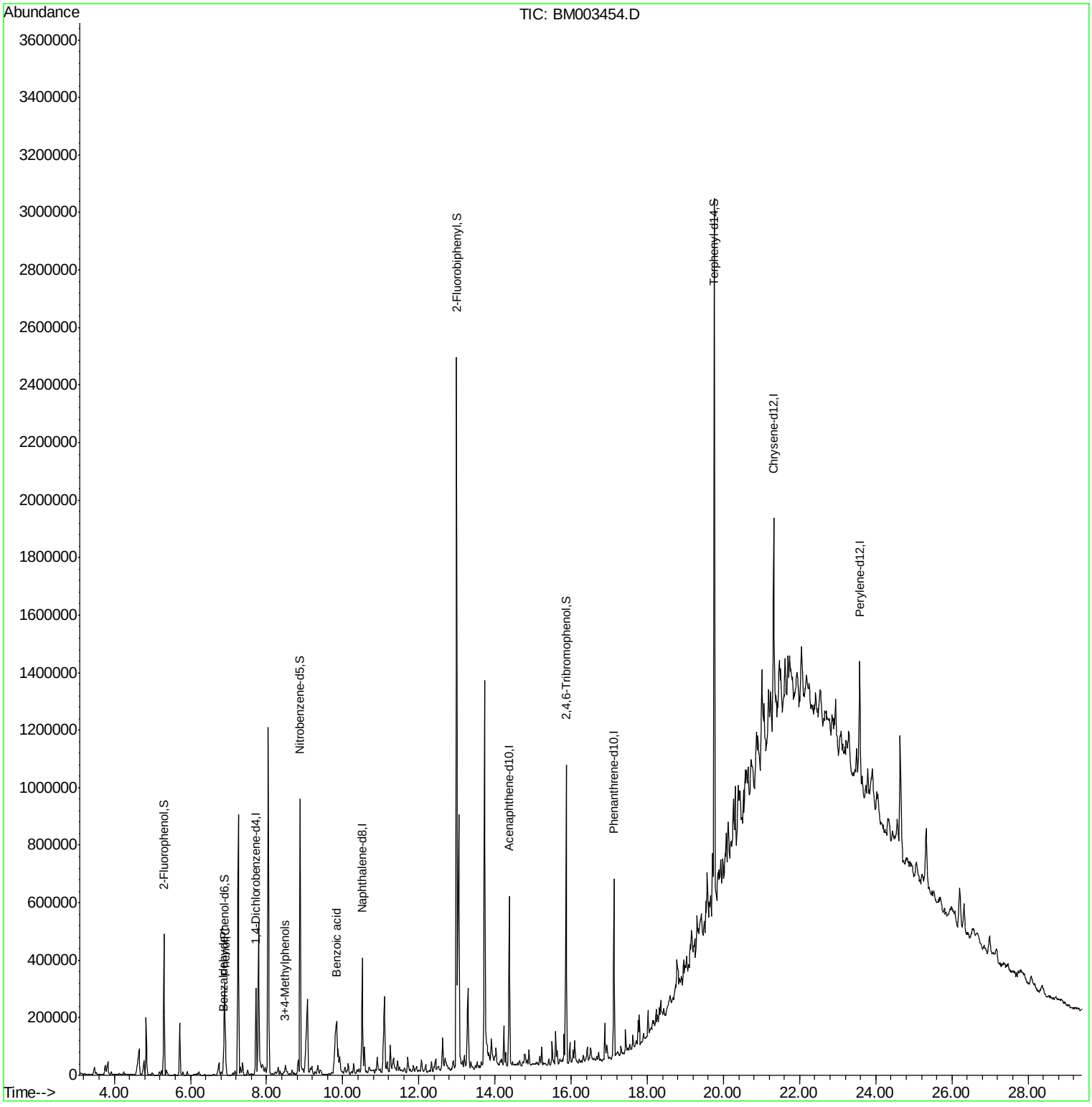
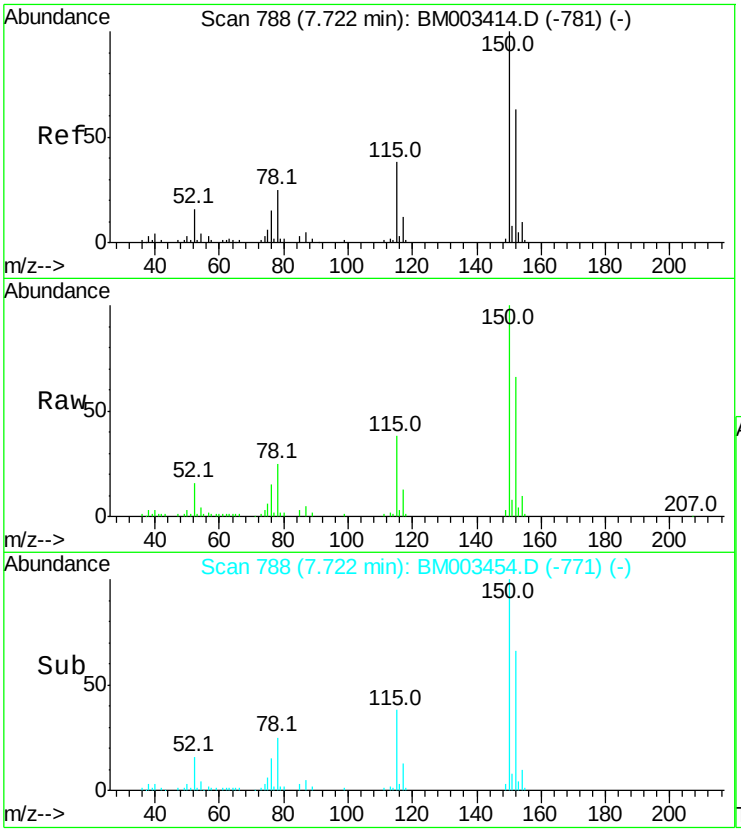


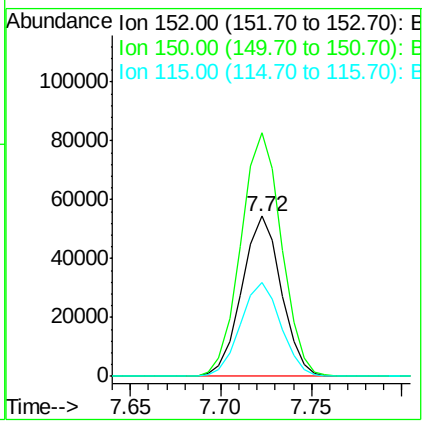


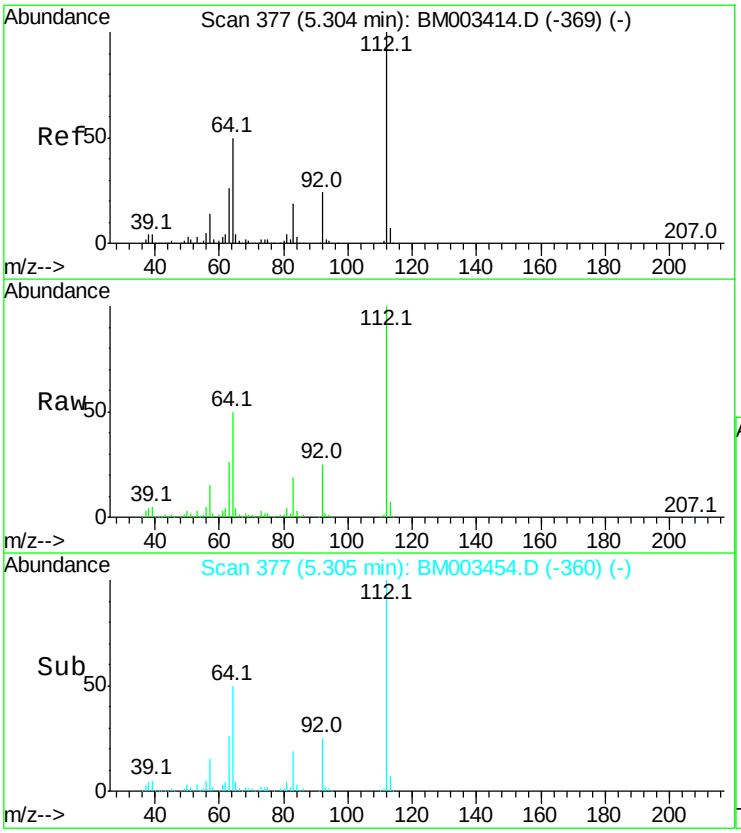
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 82641

Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.5	179.3
115	58.5	43.0	64.4

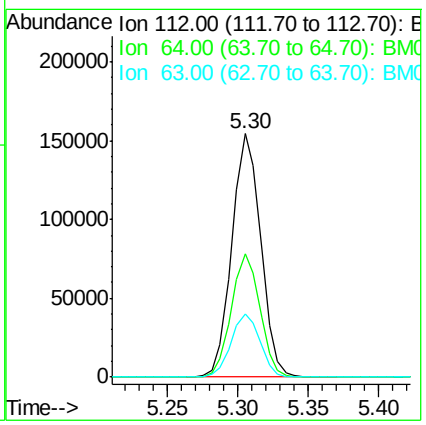


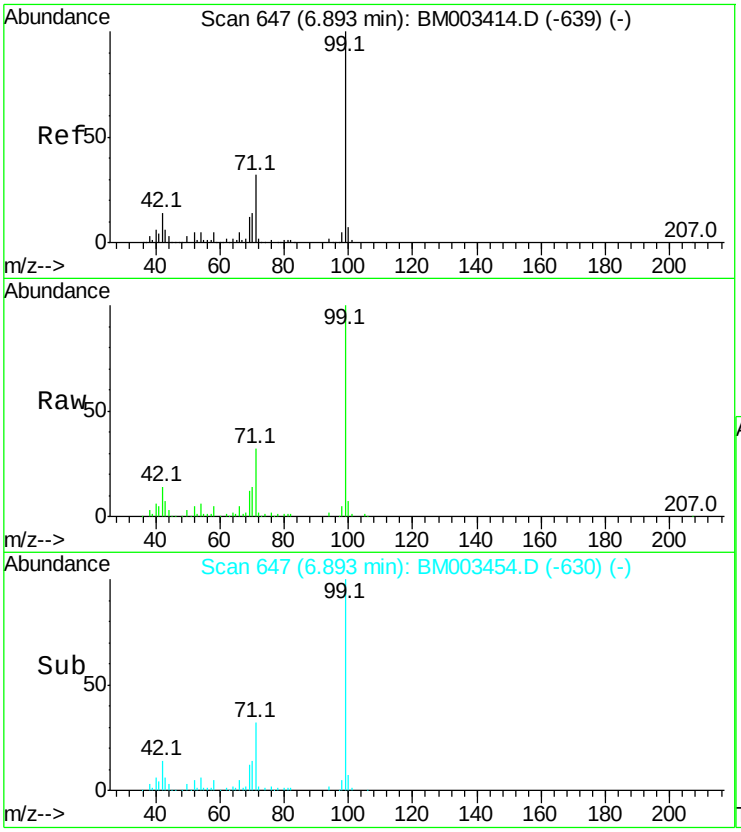


#5
2-Fluorophenol
Concen: 47.40 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion:112 Resp: 220311

Ion	Ratio	Lower	Upper
112	100		
64	50.4	38.6	57.8
63	26.0	19.3	28.9



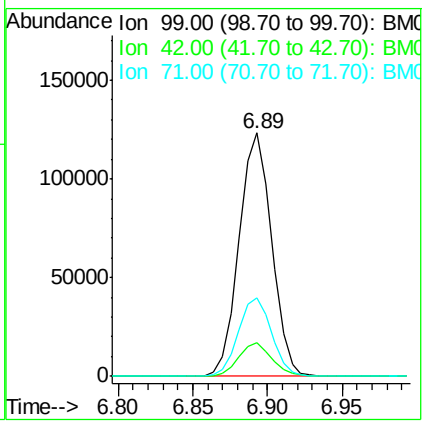


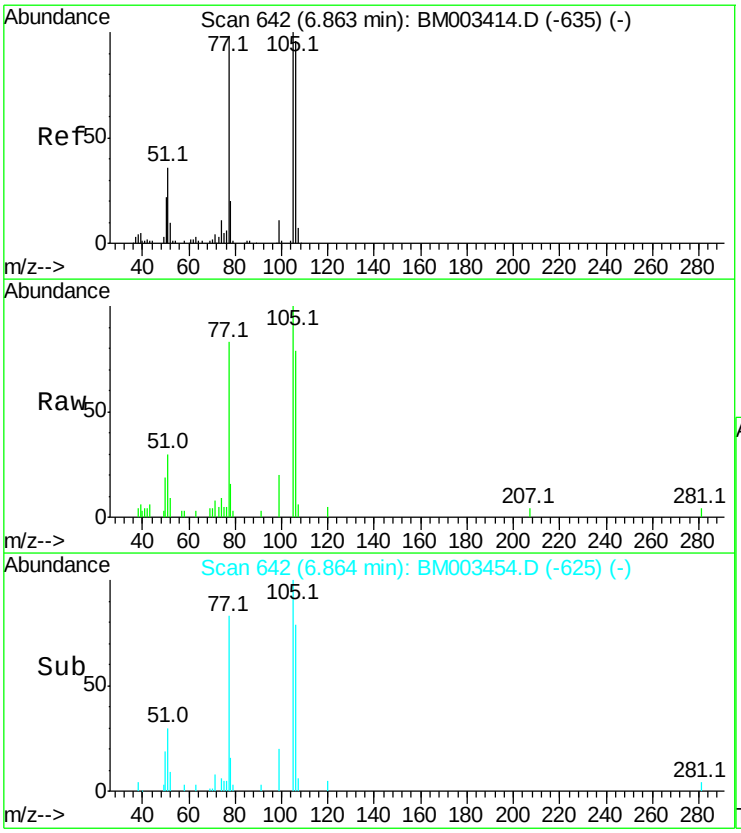
#7
Phenol-d6
Concen: 28.93 ng
RT: 6.89 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 186719

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.0	16.4
71	32.4	23.4	35.2

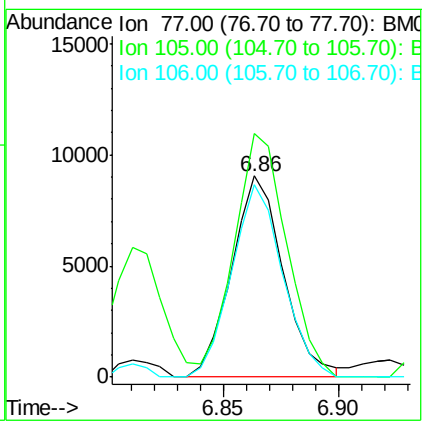


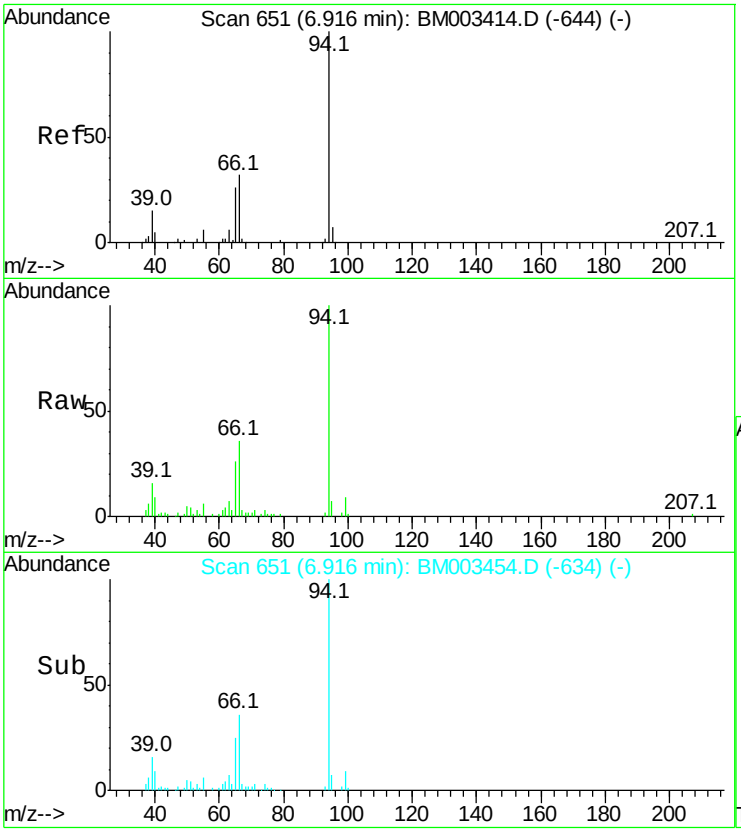


#9
Benzaldehyde
Concen: 4.46 ng
RT: 6.86 min Scan# 642
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion: 77 Resp: 14114

Ion	Ratio	Lower	Upper
77	100		
105	121.1	78.8	118.8#
106	95.8	73.7	113.7



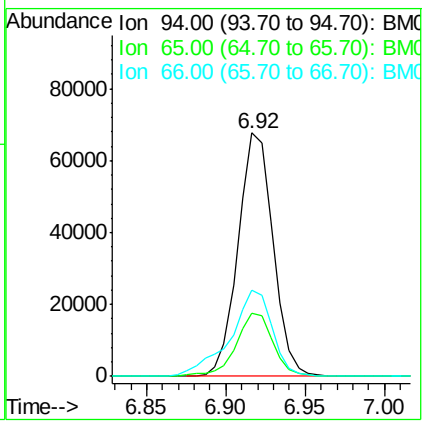


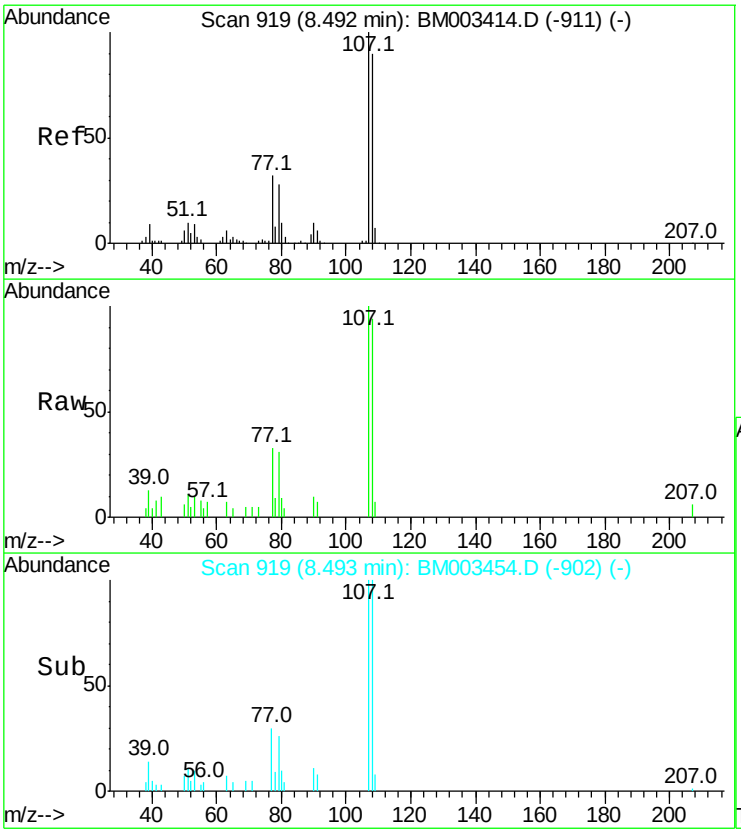
#10
Phenol
Concen: 15.15 ng
RT: 6.92 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 103770

Ion	Ratio	Lower	Upper
94	100		
65	25.8	18.8	58.8
66	35.5	39.9	79.9#

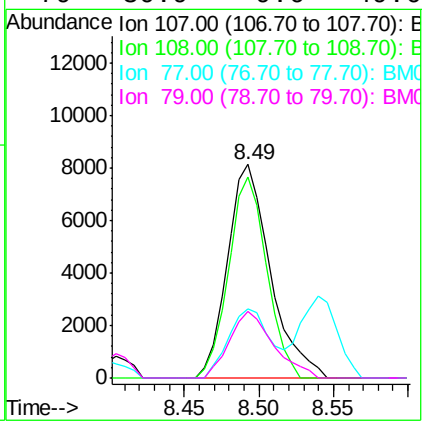


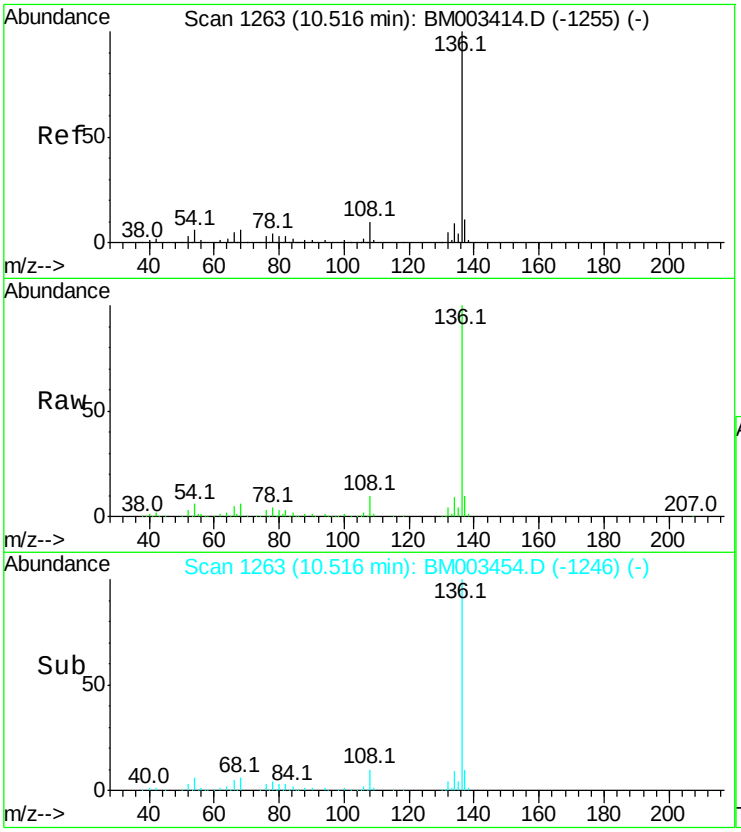


#20
3+4-Methylphenols
Concen: 2.46 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion:107 Resp: 16280

Ion	Ratio	Lower	Upper
107	100		
108	94.0	73.2	113.2
77	32.6	10.7	50.7
79	30.9	9.6	49.6



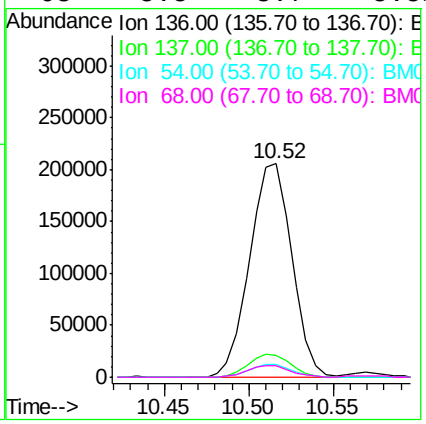


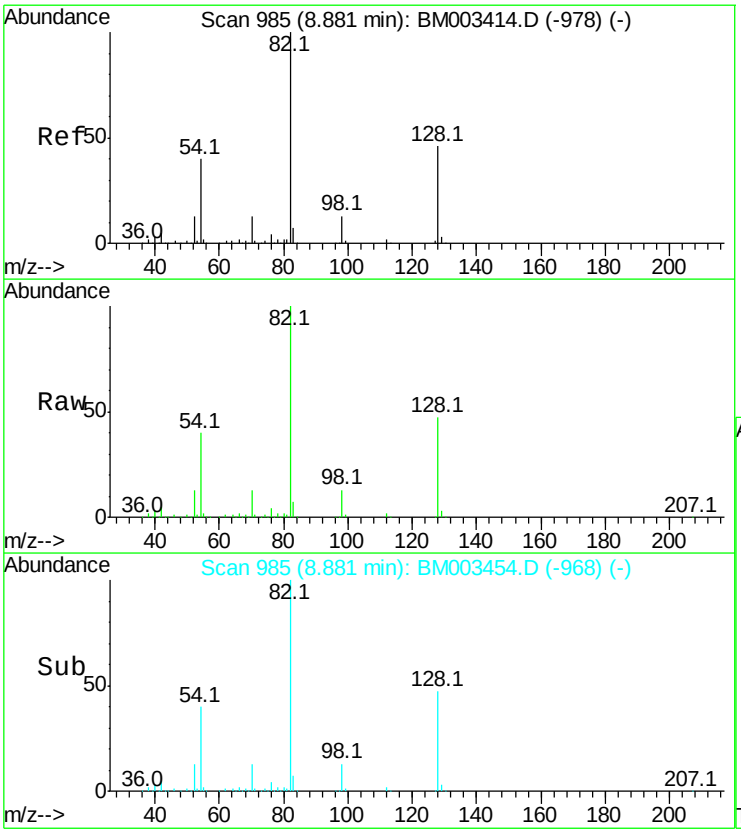
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 358871

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	5.8	4.6	6.8
68	5.5	3.7	5.5#

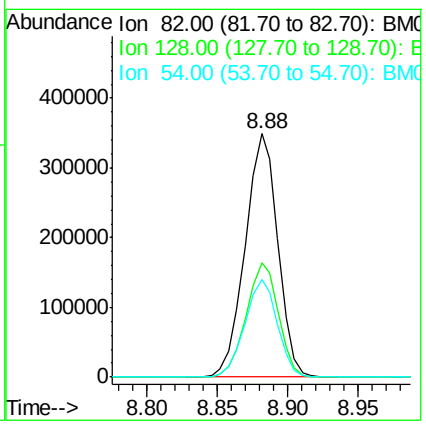


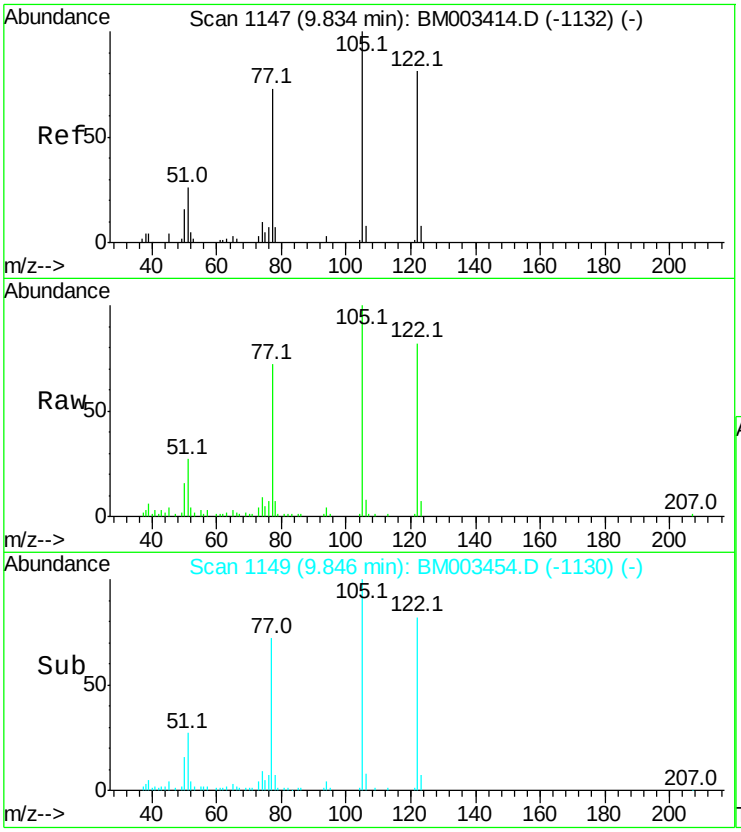


#23
Nitrobenzene-d5
Concen: 97.89 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion: 82 Resp: 566571

Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.8	49.2
54	39.9	40.6	60.8#



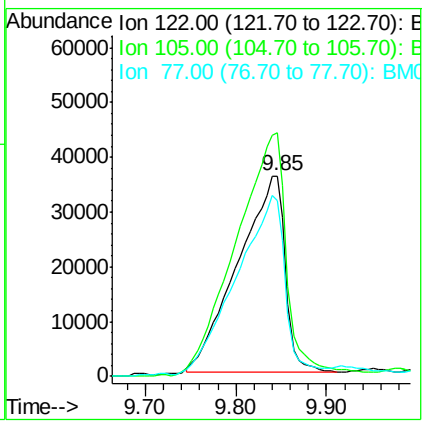


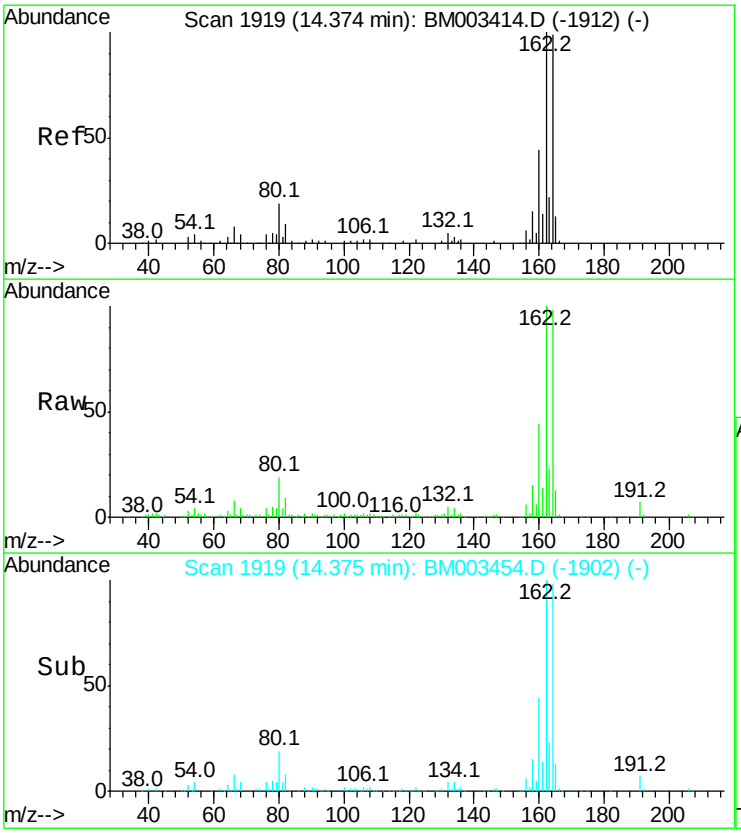
#32
Benzoic acid
Concen: 39.88 ng
RT: 9.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 129130

Ion	Ratio	Lower	Upper
122	100		
105	121.6	99.9	139.9
77	87.7	73.7	113.7

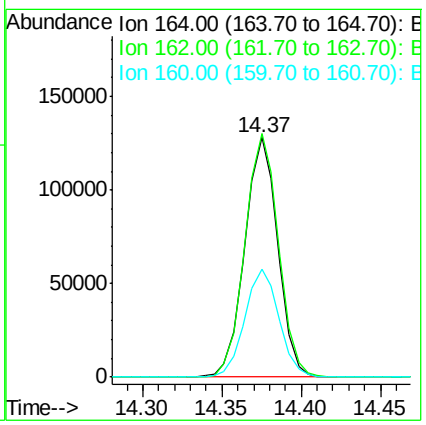


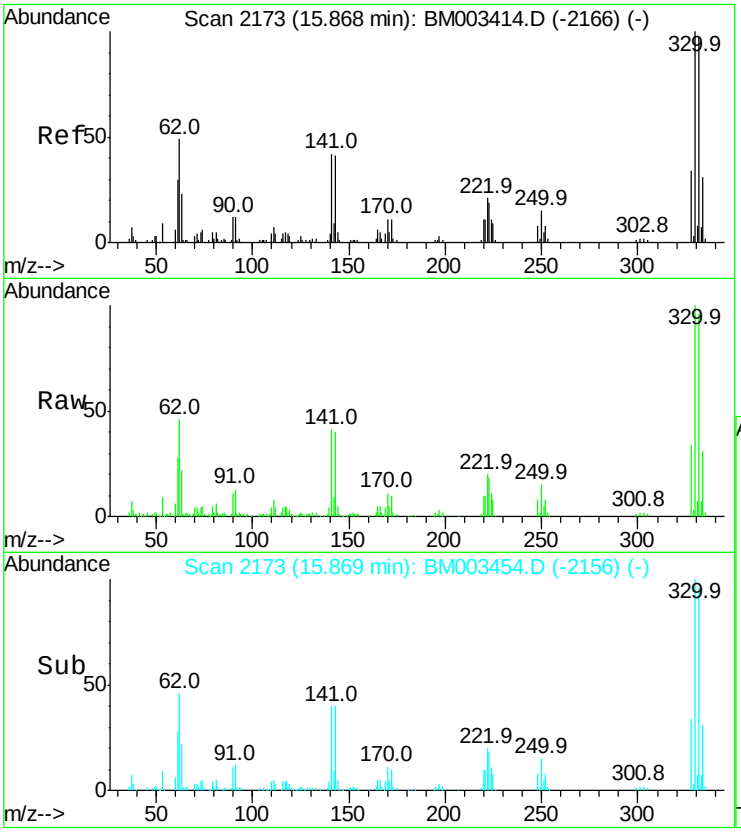


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion:164 Resp: 185270

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.4	123.6
160	44.9	35.8	53.6



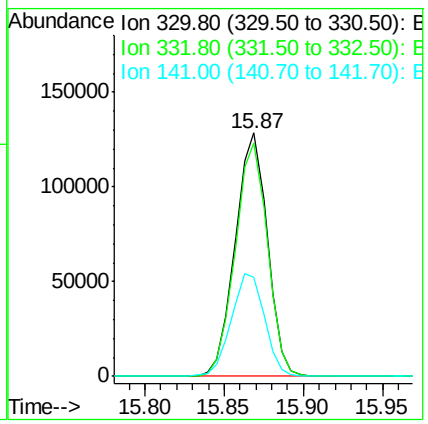


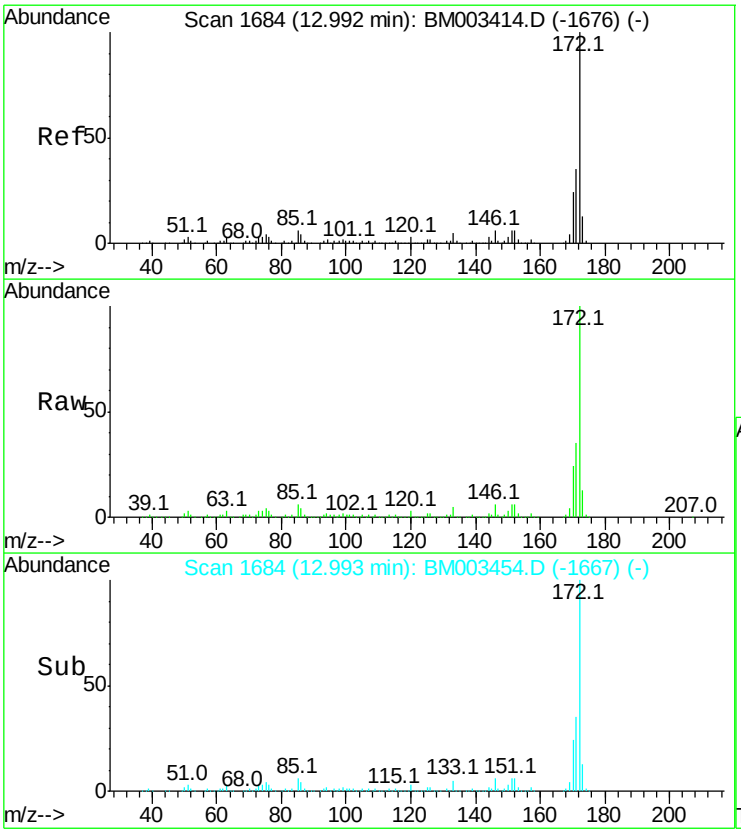
#41
2,4,6-Tribromophenol
Concen: 97.84 ng
RT: 15.87 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 181040

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	43.1	0.0	0.0#

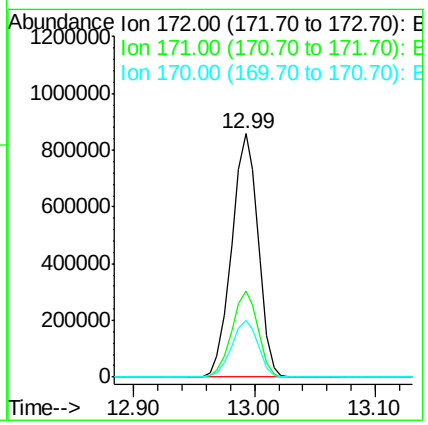


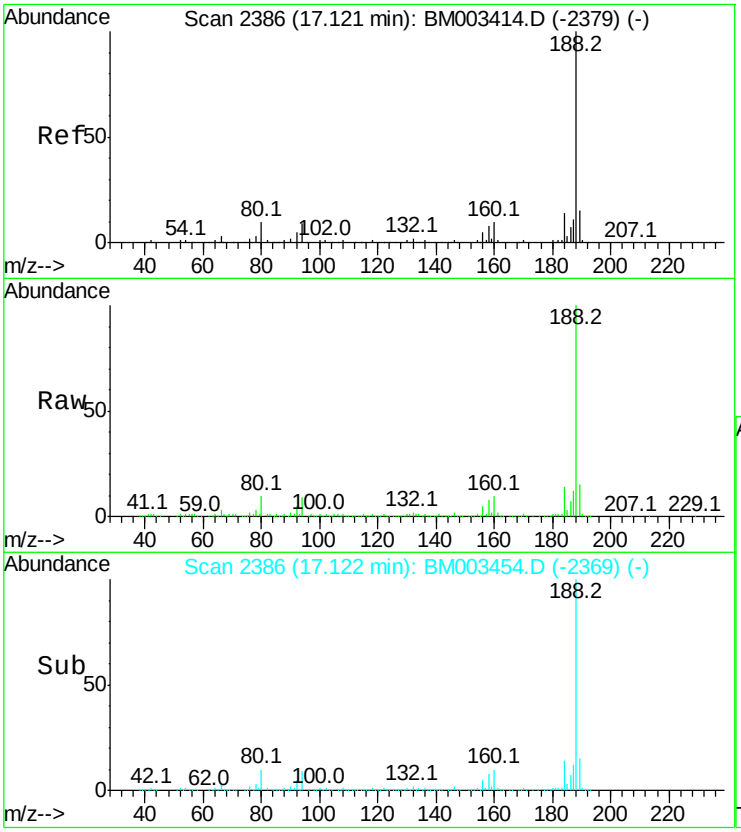


#44
2-Fluorobiphenyl
Concen: 95.95 ng
RT: 12.99 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion:172 Resp: 1304834

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.5	18.8	28.2



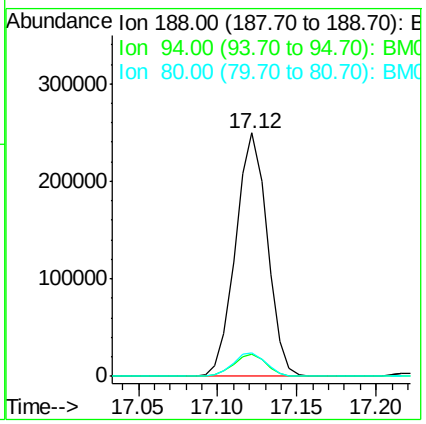


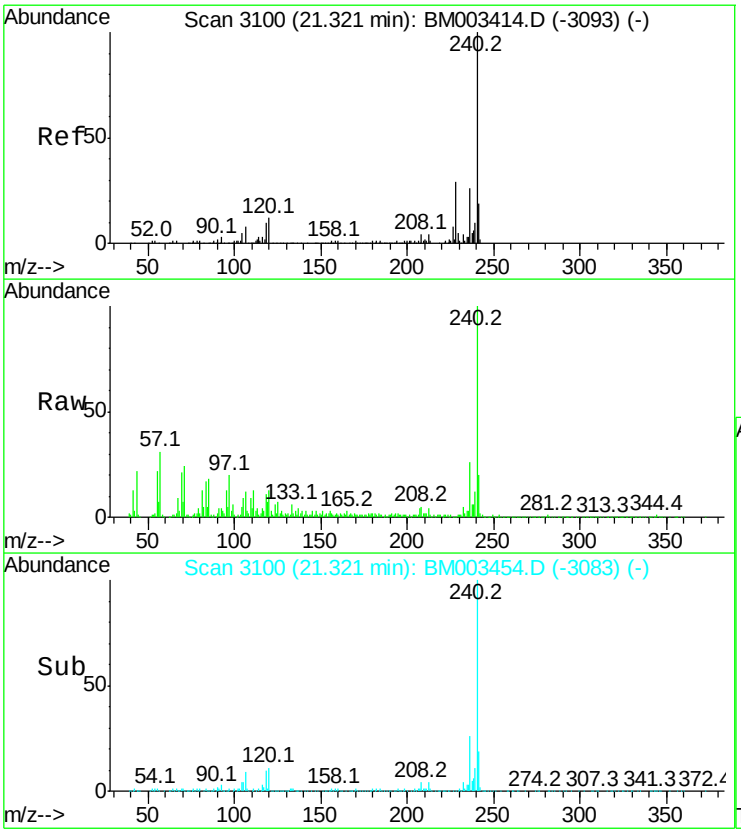
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 347072

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.7	13.1
80	9.6	9.3	13.9

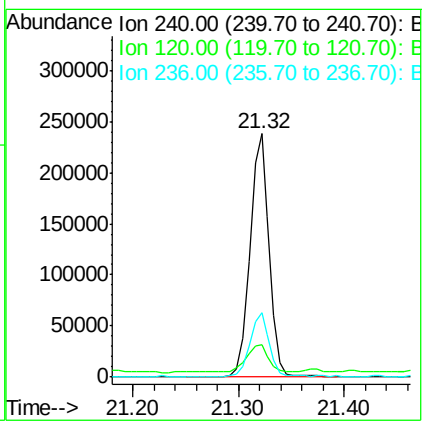


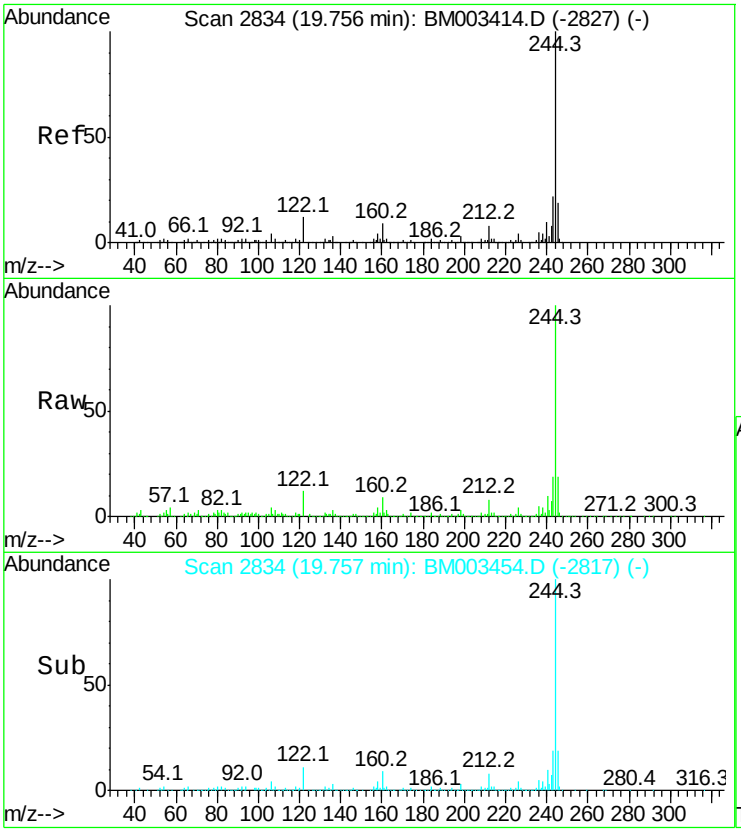


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion:240 Resp: 297628

Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.2	12.2#
236	26.5	20.0	30.0



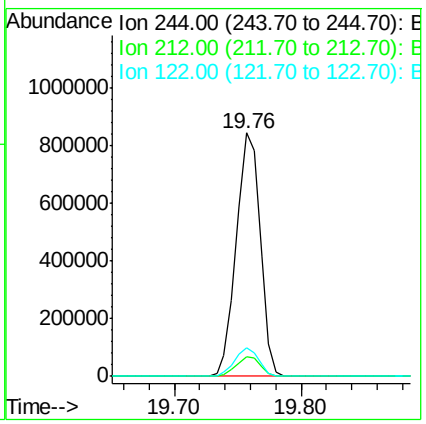


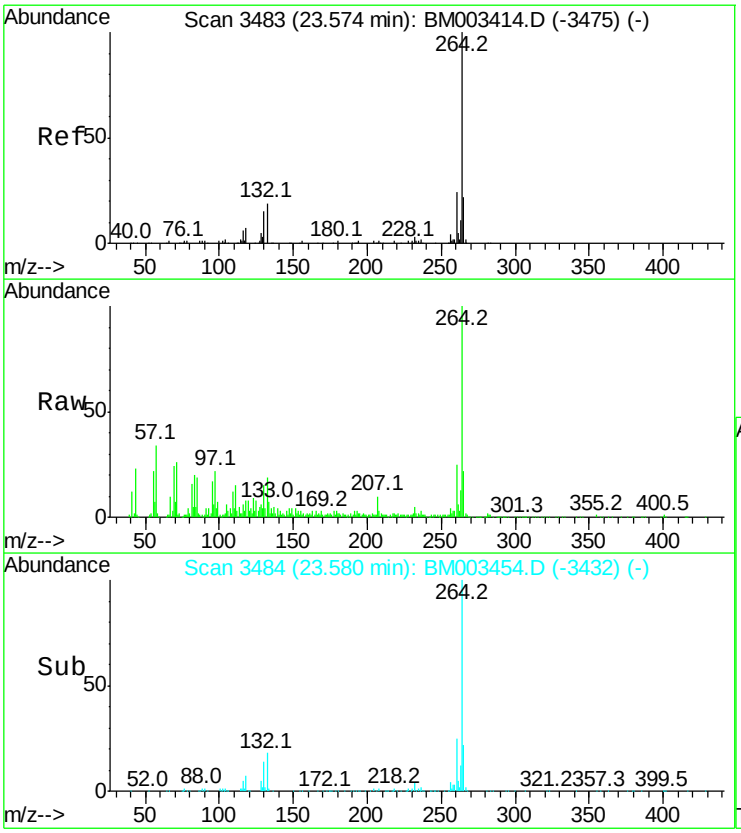
#78
Terphenyl-d14
Concen: 87.24 ng
RT: 19.76 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 1100993

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	11.6	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.58 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion:264 Resp: 301440

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.4	17.3	25.9