Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003782.D
Acq On : 24 Dec 2015 17:32
Operator : UM/SJ
Sample : G4940-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COFF-S15-L1(0-2)-4

Quant Time: Dec 25 00:59:24 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	7.68	152	52220	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	228486	20.00	ng	-0.05
38) Acenaphthene-d10	14.33	164	131723	20.00	ng	-0.04
63) Phenanthrene-d10	17.08	188	303614	20.00	ng	-0.04
75) Chrysene-d12	21.28	240	324151	20.00	ng	-0.04
86) Perylene-d12	23.52	264	262040	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	439144	149.51	ng	-0.03
7) Phenol-d6	6.86	99	592565	145.29	ng	-0.03
23) Nitrobenzene-d5	8.84	82	354942	96.32	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	173969	132.24	ng	-0.03
44) 2-Fluorobiphenyl	12.95	172	759892	78.60	ng	-0.04
78) Terphenyl-d14	19.72	244	901385	65.58	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	13.79	163	174471	16.07	ng	99

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

Quantitation Report (LSC Reviewed)

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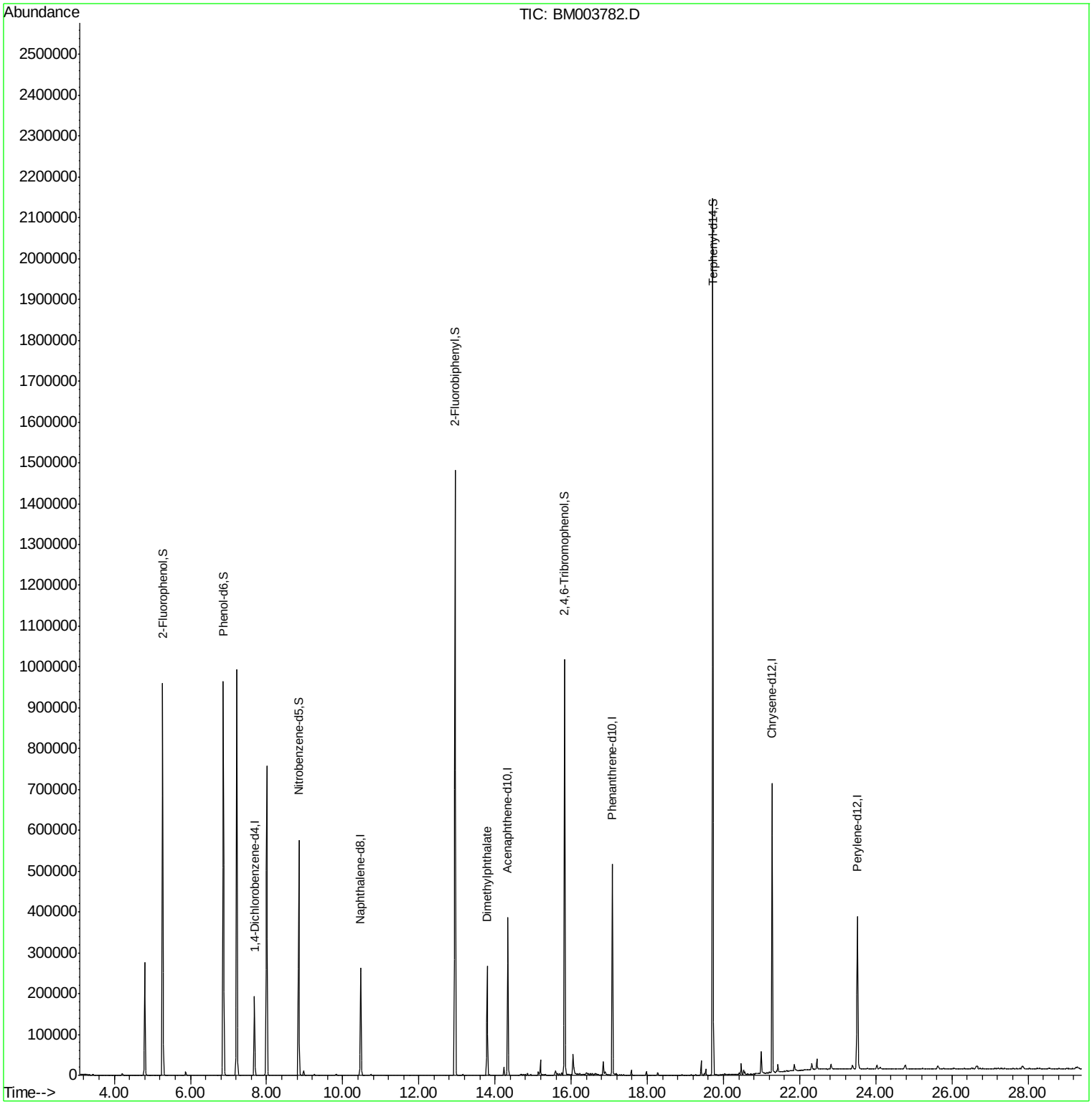
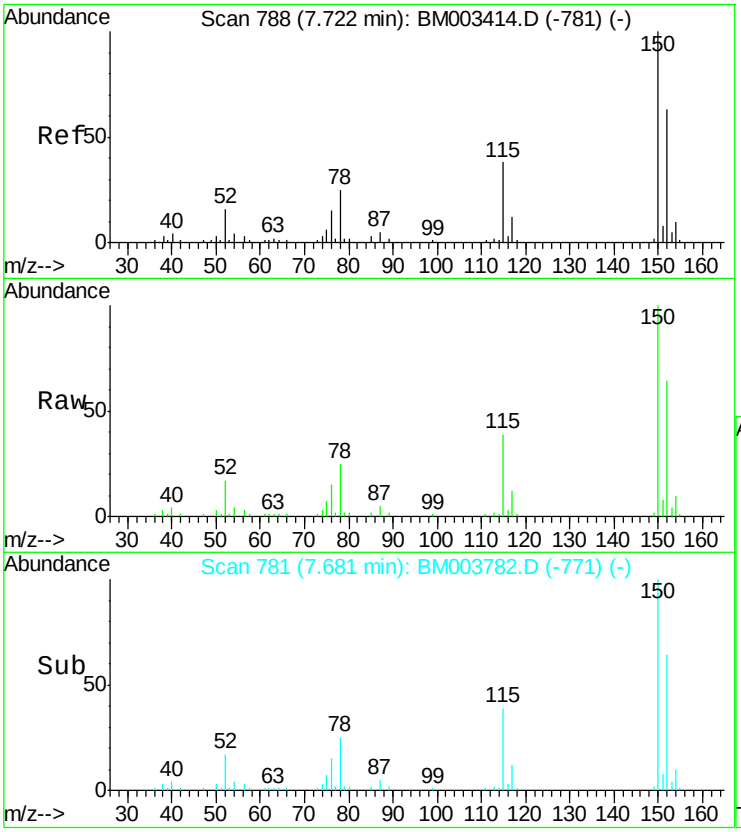


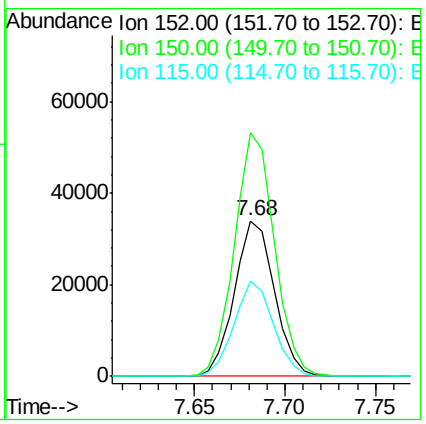


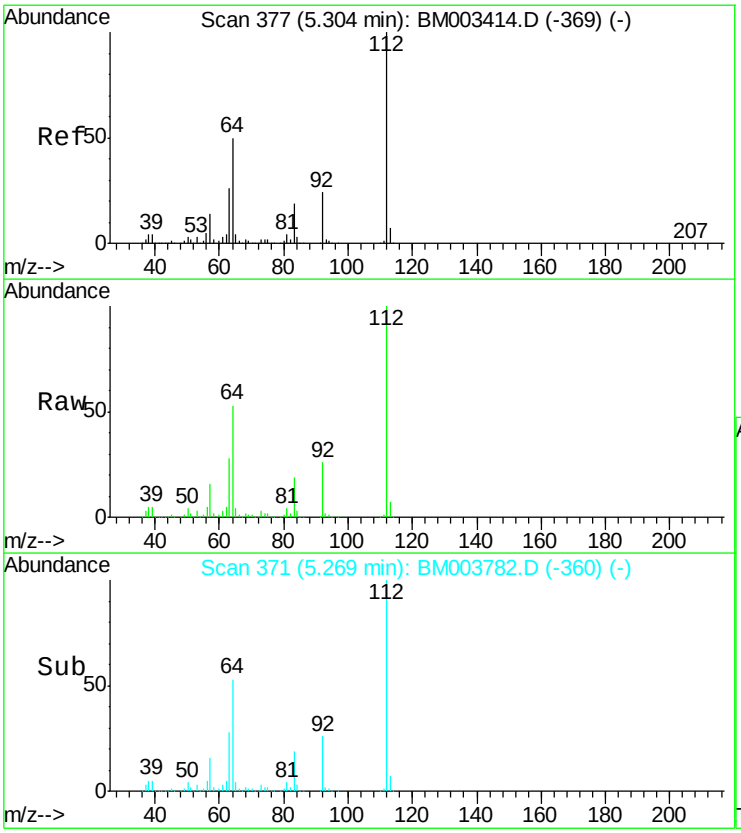
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Instrument :
BNA_M
ClientSampleId :
COFF-S15-L1(0-2)-4

Tgt Ion:152 Resp: 52220

Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	60.8	43.0	64.4

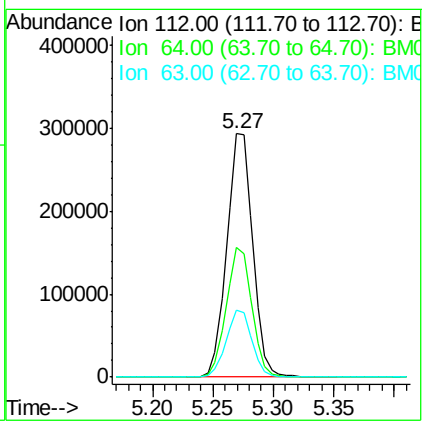


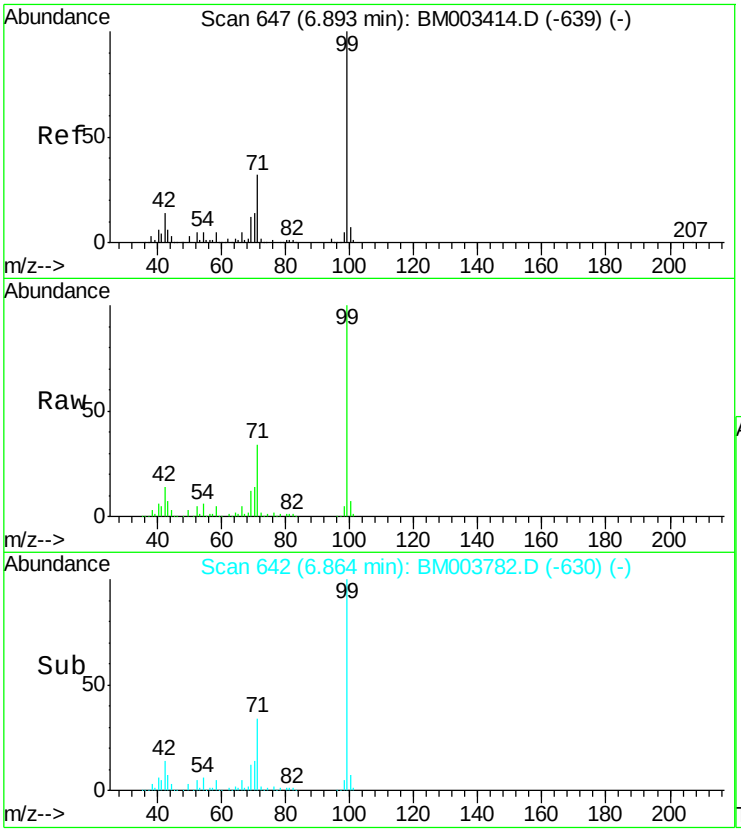


#5
2-Fluorophenol
Concen: 149.51 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.03 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Tgt Ion:112 Resp: 439144

Ion	Ratio	Lower	Upper
112	100		
64	53.4	38.6	57.8
63	27.6	19.3	28.9



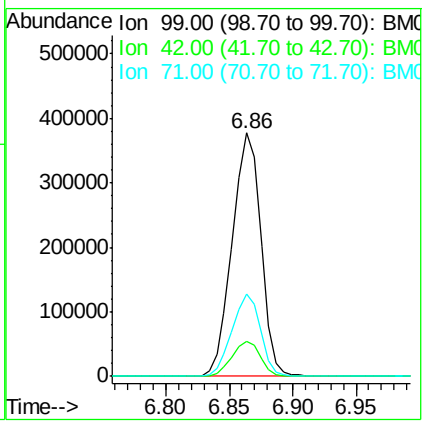


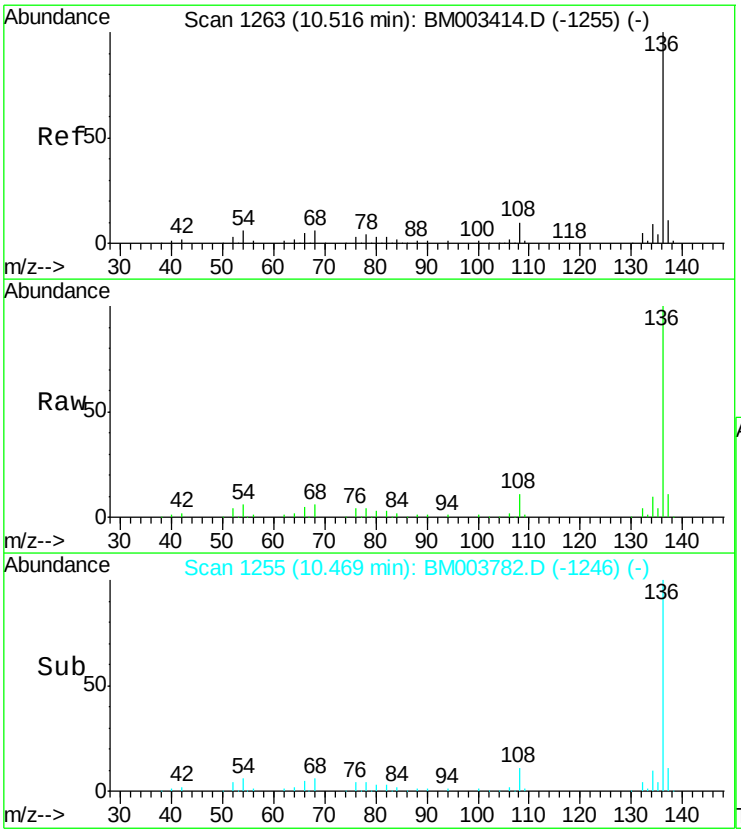
#7
Phenol-d6
Concen: 145.29 ng
RT: 6.86 min Scan# 642
Delta R.T. -0.03 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Instrument :
BNA_M
ClientSampleId :
COFF-S15-L1(0-2)-4

Tgt Ion: 99 Resp: 592565

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.4
71	34.1	23.4	35.2

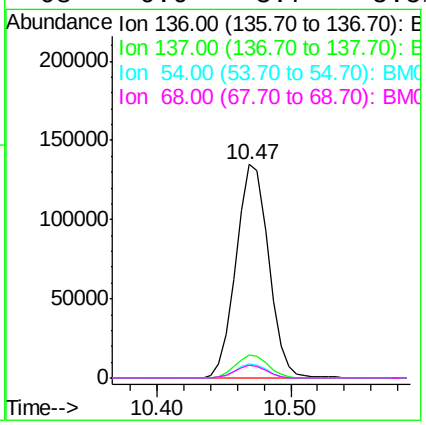


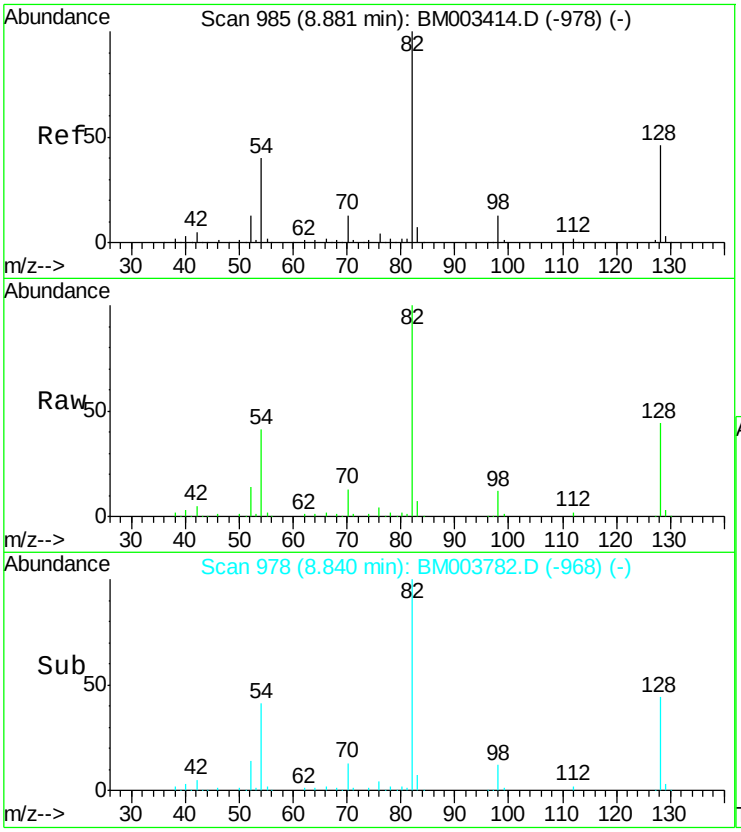


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Tgt Ion:136 Resp: 228486

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.5	4.6	6.8
68	6.0	3.7	5.5#



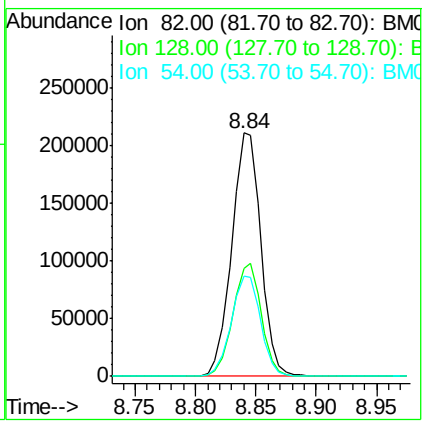


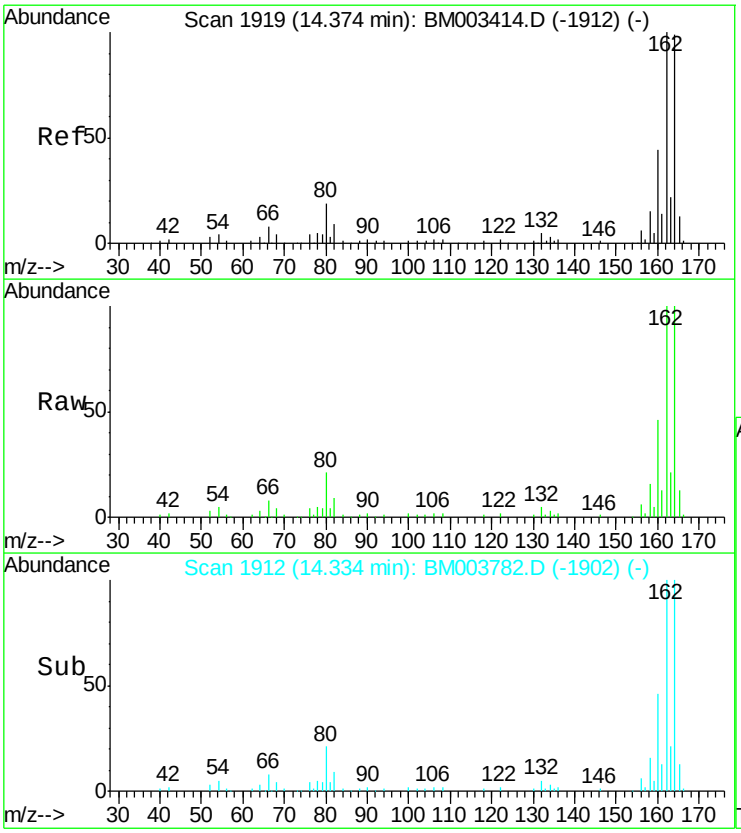
#23
Nitrobenzene-d5
Concen: 96.32 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Instrument :
BNA_M
ClientSampleId :
COFF-S15-L1(0-2)-4

Tgt Ion: 82 Resp: 354942

Ion	Ratio	Lower	Upper
82	100		
128	44.5	32.8	49.2
54	41.2	40.6	60.8

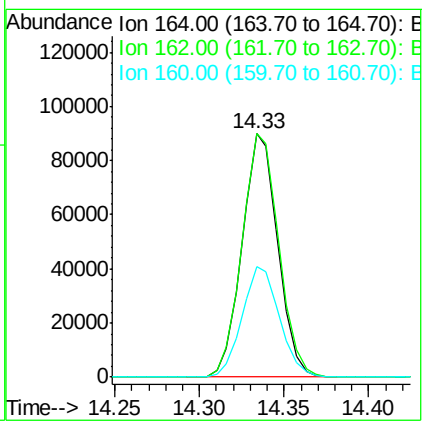


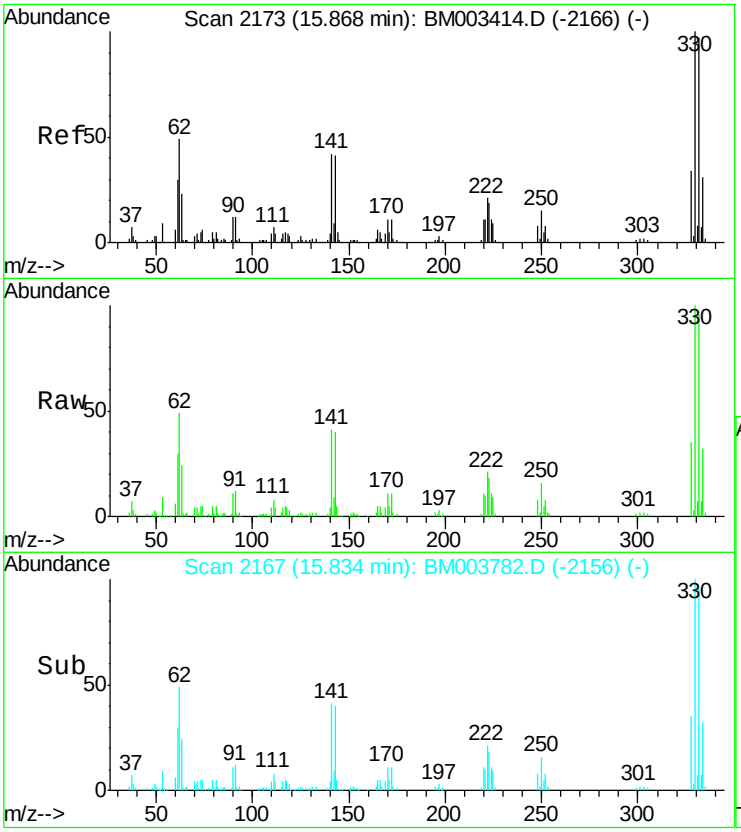


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.04 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Tgt Ion:164 Resp: 131723

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.4	123.6
160	45.6	35.8	53.6



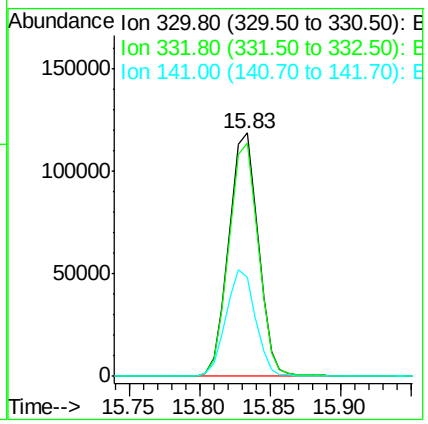


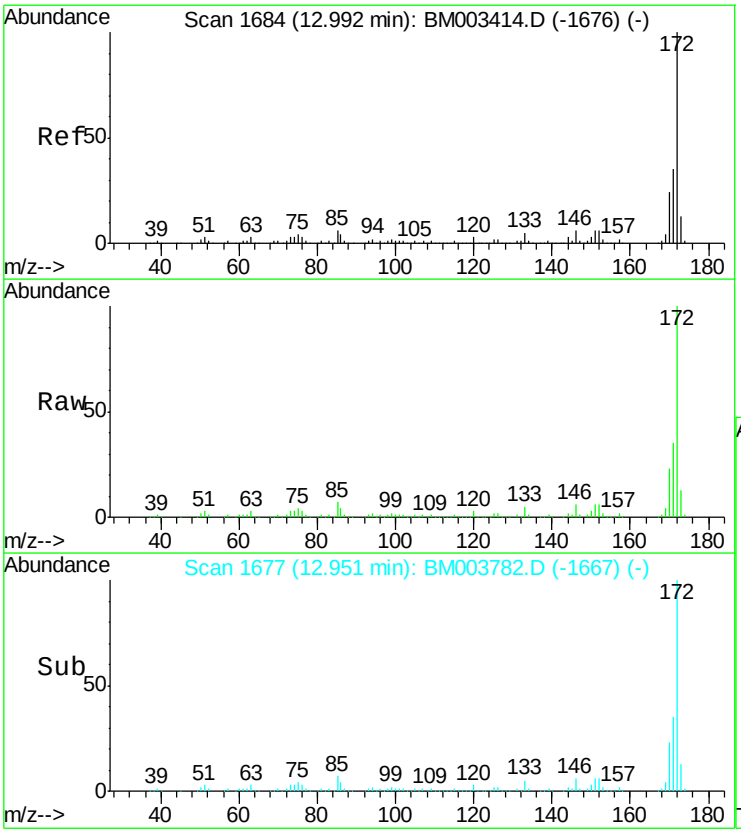
#41
2,4,6-Tribromophenol
Concen: 132.24 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Instrument :
BNA_M
ClientSampleId :
COFF-S15-L1(0-2)-4

Tgt Ion:330 Resp: 173969

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	43.6	0.0	0.0#

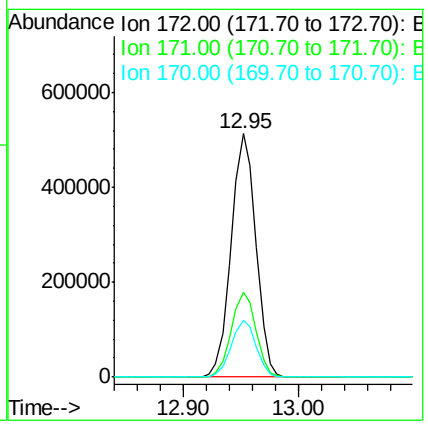


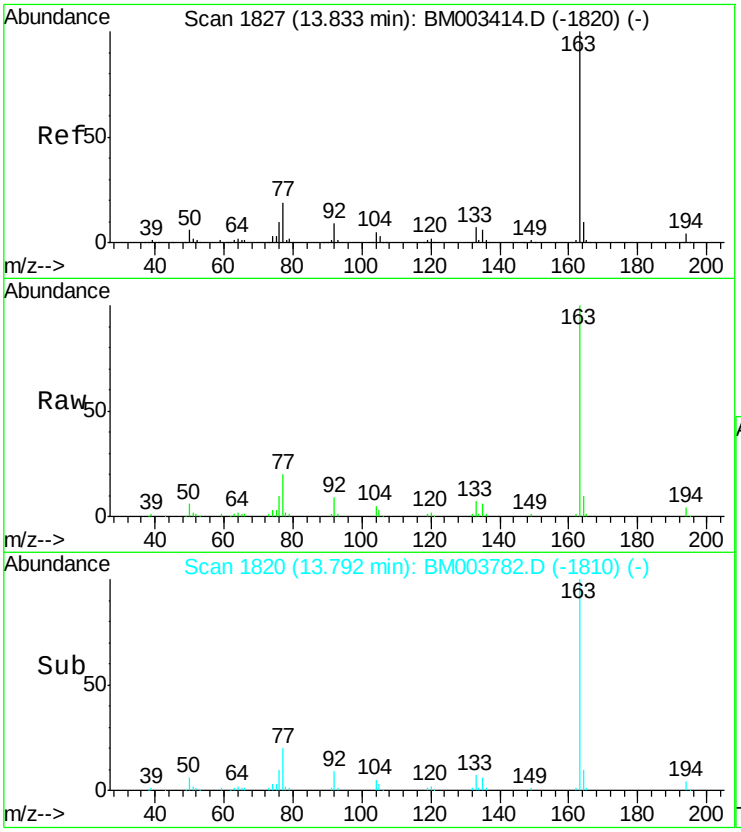


#44
2-Fluorobiphenyl
Concen: 78.60 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.04 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Tgt Ion:172 Resp: 759892

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.2	18.8	28.2



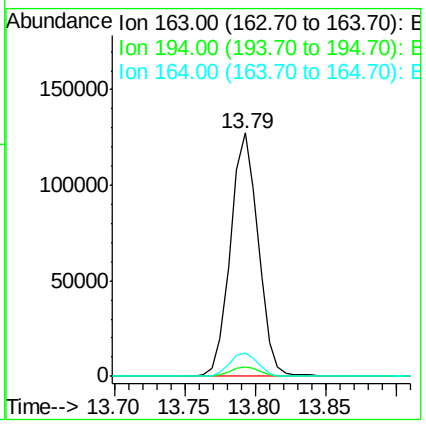


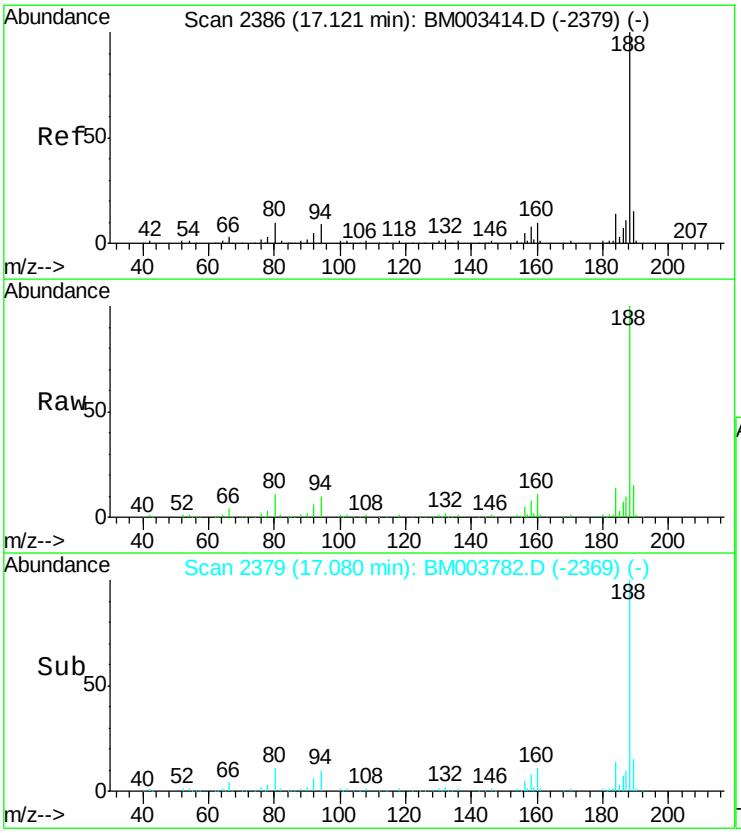
#49
Dimethylphthalate
Concen: 16.07 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Instrument :
BNA_M
ClientSampleId :
COFF-S15-L1(0-2)-4

Tgt Ion:163 Resp: 174471

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.8	8.2	12.2

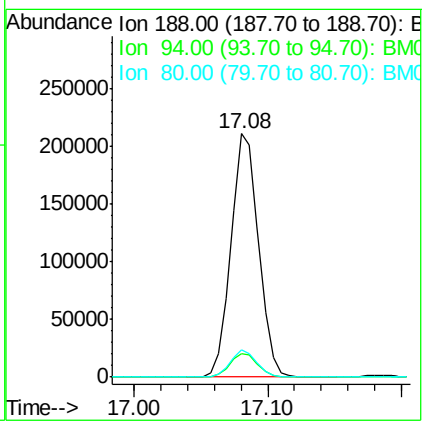


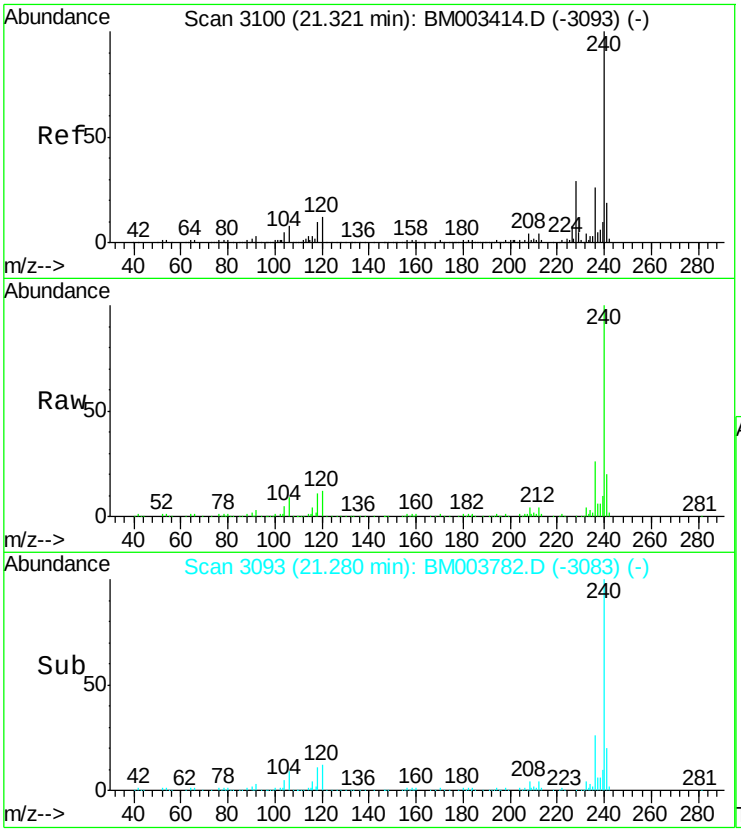


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Tgt Ion:188 Resp: 303614

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.7	13.1
80	11.0	9.3	13.9



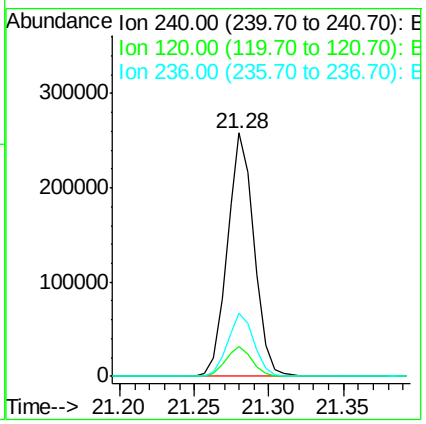


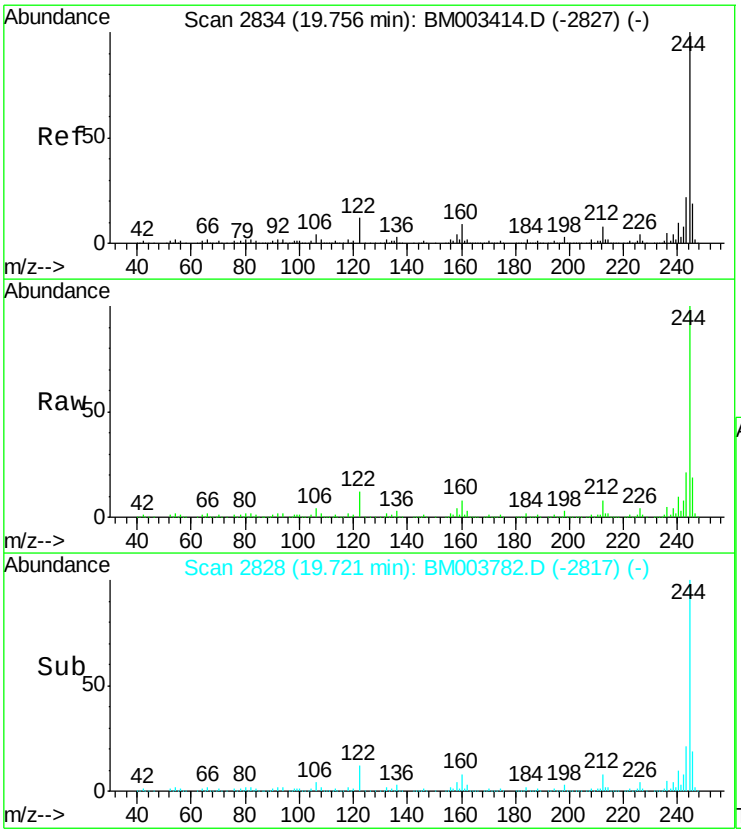
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Instrument :
BNA_M
ClientSampleId :
COFF-S15-L1(0-2)-4

Tgt Ion:240 Resp: 324151

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.2	12.2#
236	26.1	20.0	30.0

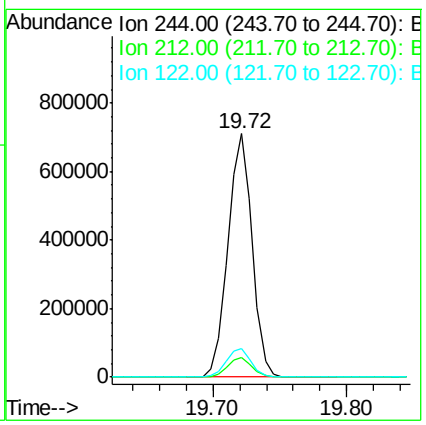


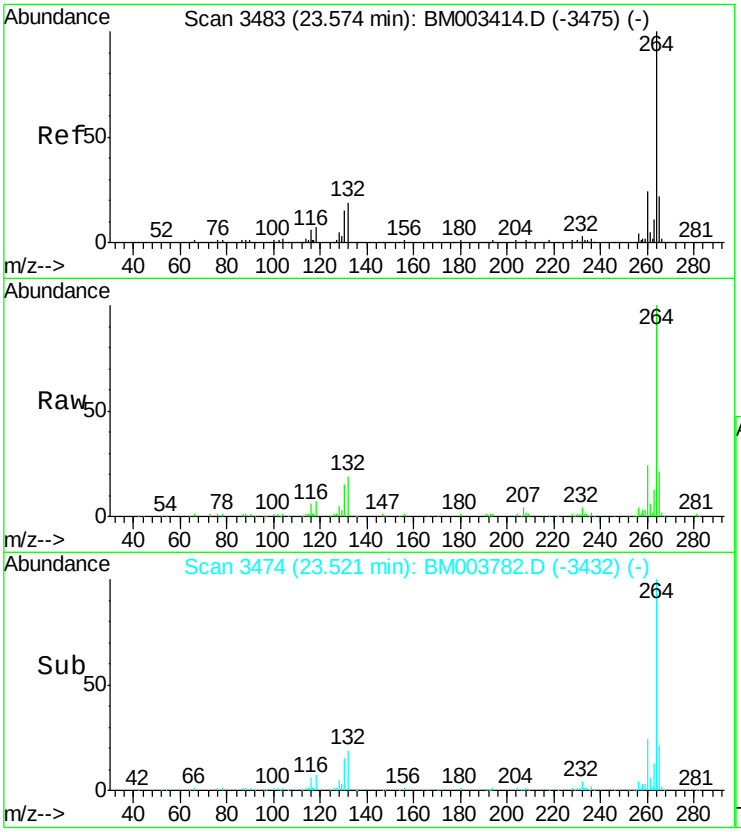


#78
Terphenyl-d14
Concen: 65.58 ng
RT: 19.72 min Scan# 2828
Delta R.T. -0.03 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Tgt Ion:244 Resp: 901385

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	11.9	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3474
Delta R.T. -0.05 min
Lab File: BM003782.D
Acq: 24 Dec 2015 17:32

Instrument :
BNA_M
ClientSampleId :
COFF-S15-L1(0-2)-4

Tgt Ion:264 Resp: 262040

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.4	17.3	25.9