Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003739.D
Acq On : 23 Dec 2015 09:56
Operator : UM/SJ
Sample : G4969-13DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G4969-13DL

Quant Time: Dec 23 10:36:12 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	7.69	152	36941	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	147380	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	75847	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	171355	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	210313	20.00	ng	-0.03
86) Perylene-d12	23.53	264	214395	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	137446	66.15	ng	-0.03
7) Phenol-d6	6.86	99	162271	56.24	ng	-0.03
23) Nitrobenzene-d5	8.85	82	107705	45.31	ng	-0.04
41) 2,4,6-Tribromophenol	15.84	330	50848	67.13	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	262687	47.19	ng	-0.04
78) Terphenyl-d14	19.73	244	352346	39.51	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	367469	47.65	ng	100
37) 2-Methylnaphthalene	12.15	142	32583	6.16	ng	97
51) Acenaphthene	14.41	154	28854	6.05	ng	100
54) Dibenzofuran	14.74	168	27195	3.94	ng	95
57) Fluorene	15.40	166	21896	3.83	ng	94
70) Phenanthrene	17.13	178	50331	5.23	ng	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003739.D
Acq On : 23 Dec 2015 09:56
Operator : UM/SJ
Sample : G4969-13DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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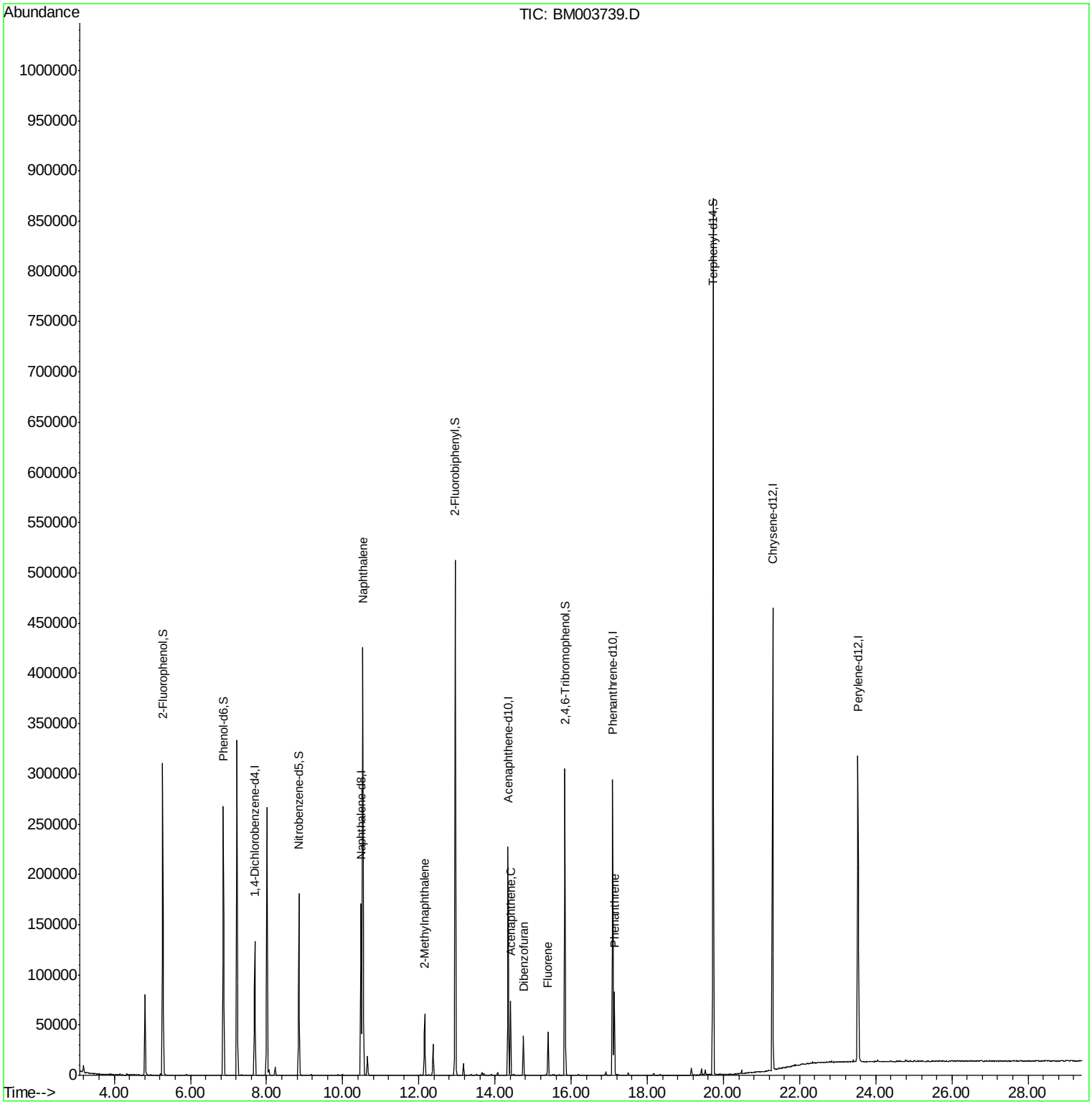
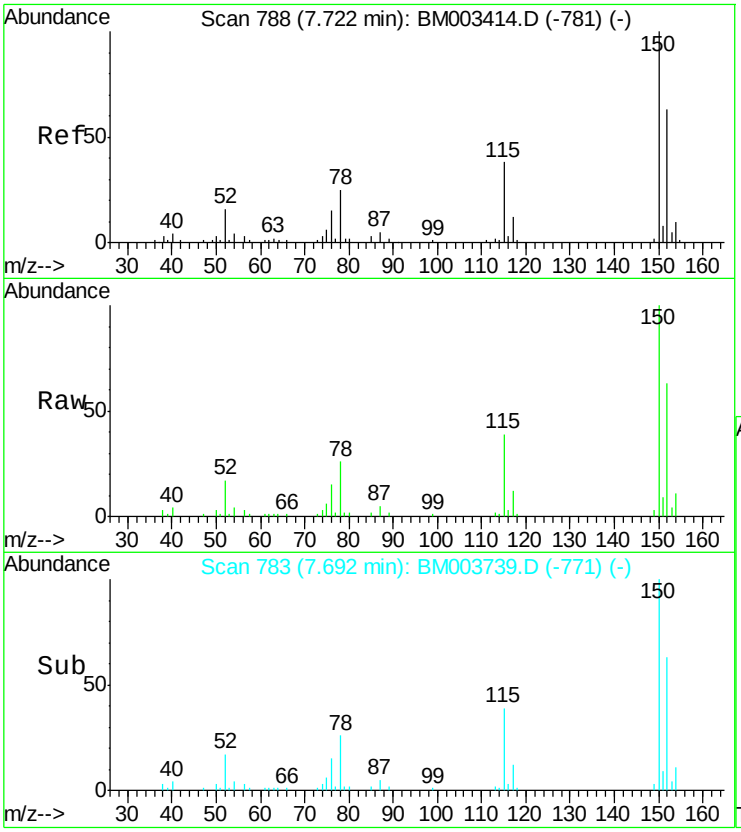
Quant Time: Dec 23 10:36:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration



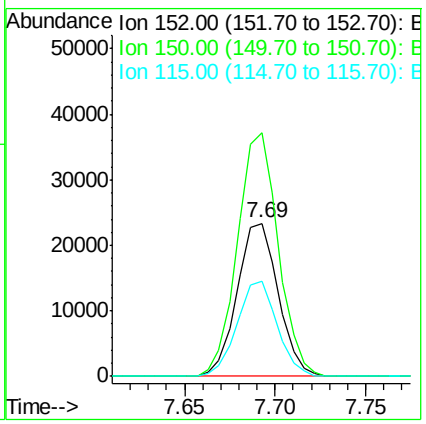


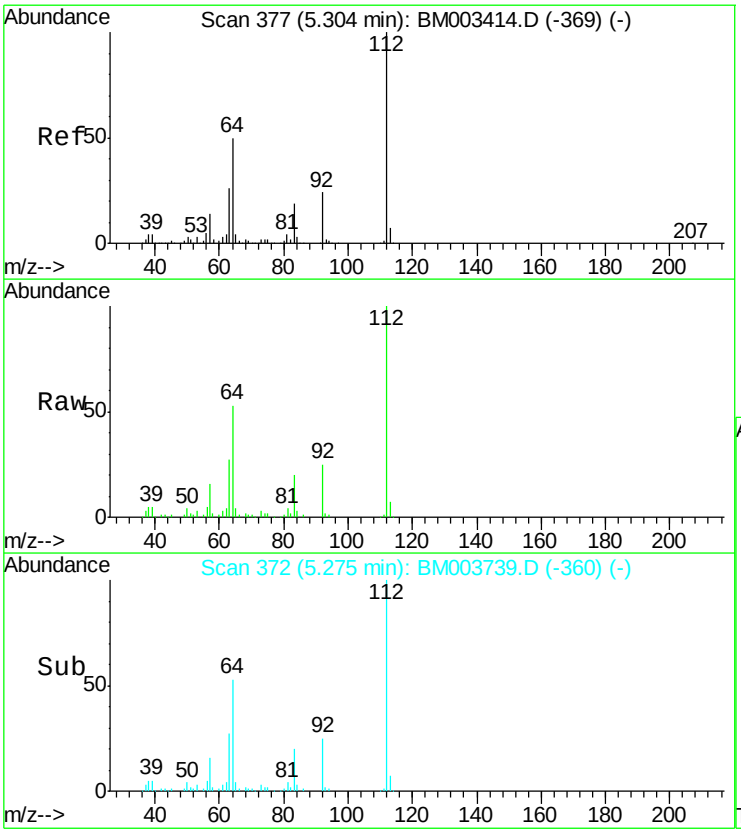
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tgt Ion:152 Resp: 36941

Ion	Ratio	Lower	Upper
152	100		
150	158.8	119.5	179.3
115	61.8	43.0	64.4

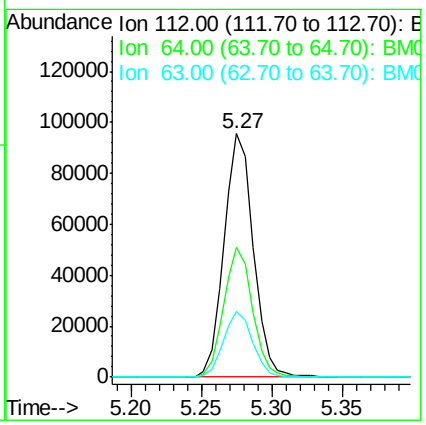


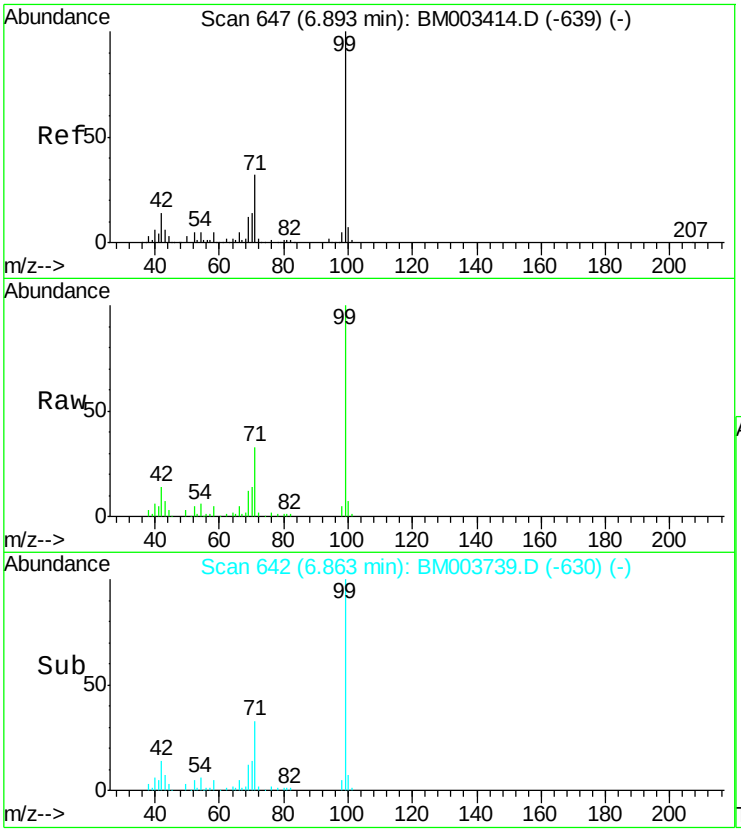


#5
2-Fluorophenol
Concen: 66.15 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:112 Resp: 137446

Ion	Ratio	Lower	Upper
112	100		
64	53.5	38.6	57.8
63	27.0	19.3	28.9



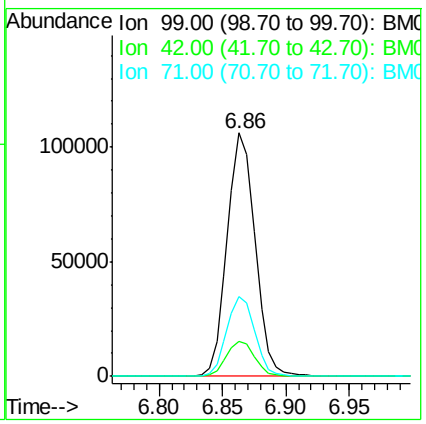


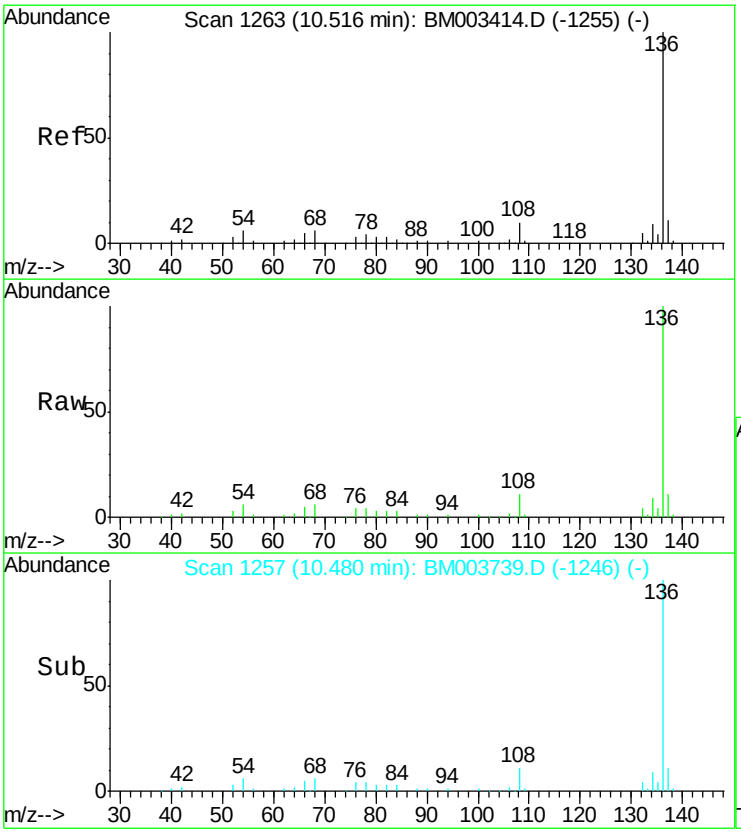
#7
Phenol-d6
Concen: 56.24 ng
RT: 6.86 min Scan# 642
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tgt Ion: 99 Resp: 162271

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.4
71	32.8	23.4	35.2

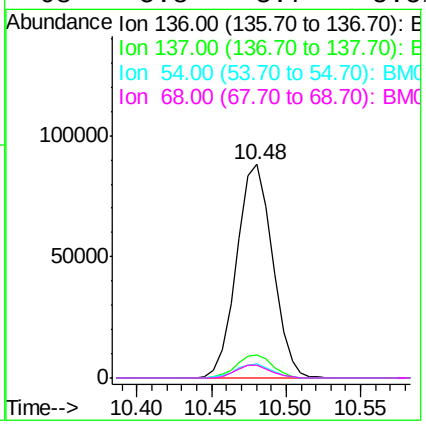


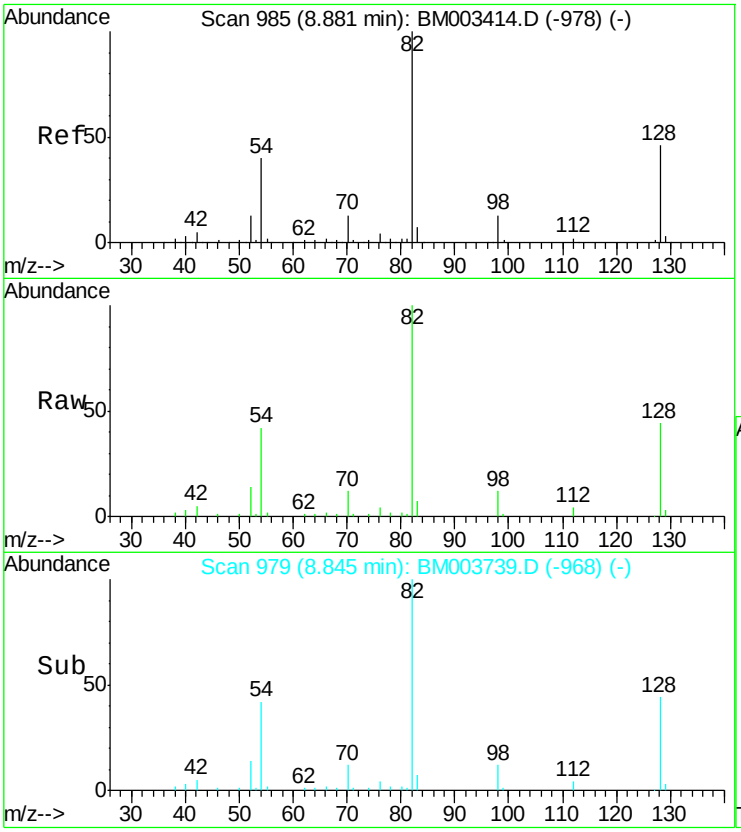


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:136 Resp: 147380

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.3	4.6	6.8
68	5.8	3.7	5.5#



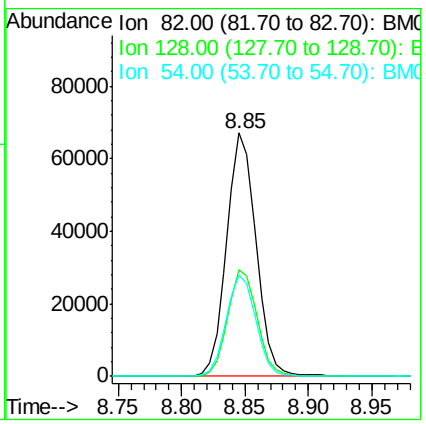


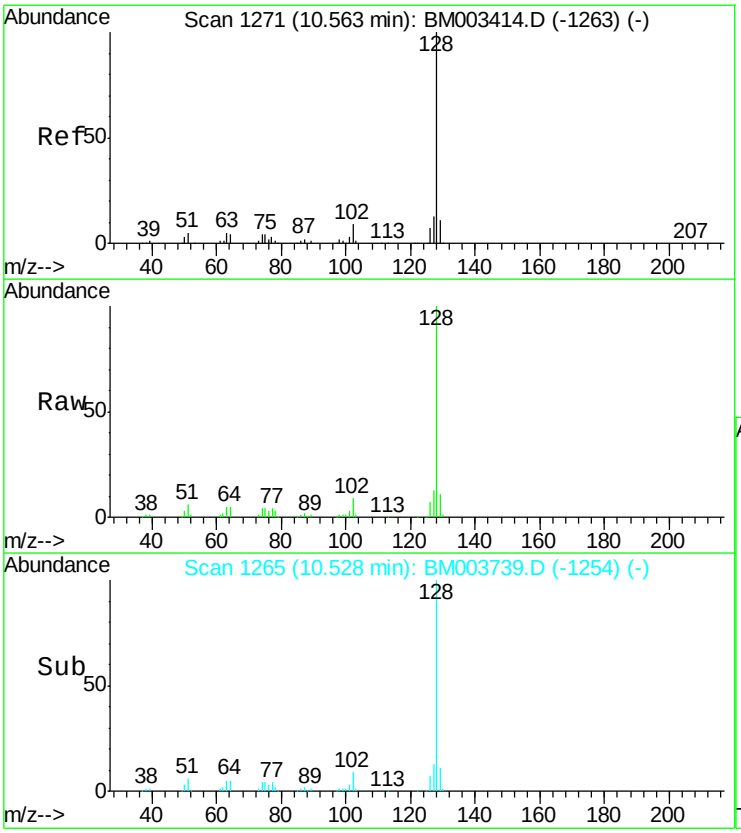
#23
Nitrobenzene-d5
Concen: 45.31 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.04 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tgt Ion: 82 Resp: 107705

Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.8	49.2
54	41.7	40.6	60.8

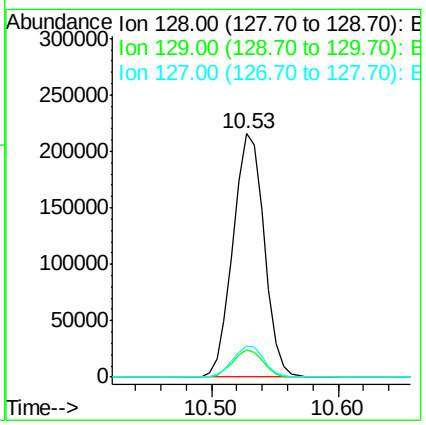


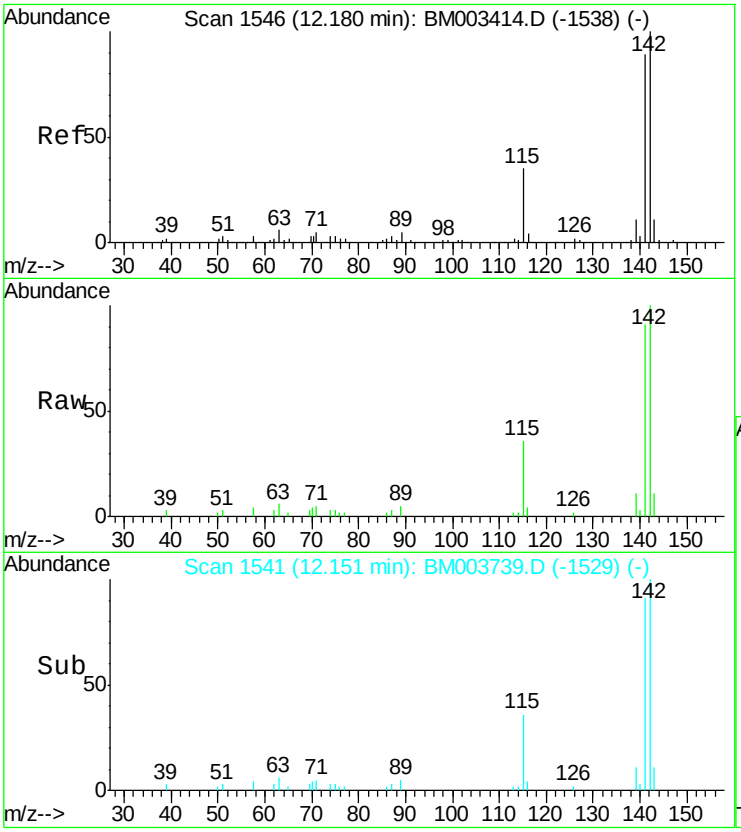


#31
Naphthalene
Concen: 47.65 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.04 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:128 Resp: 367469

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6



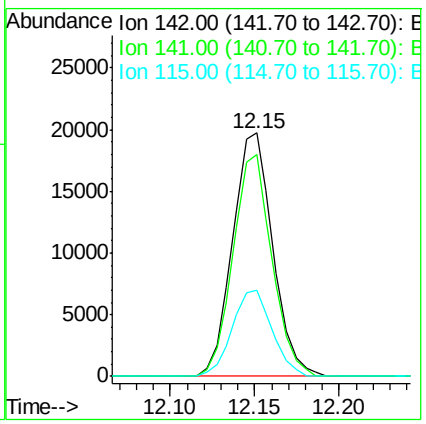


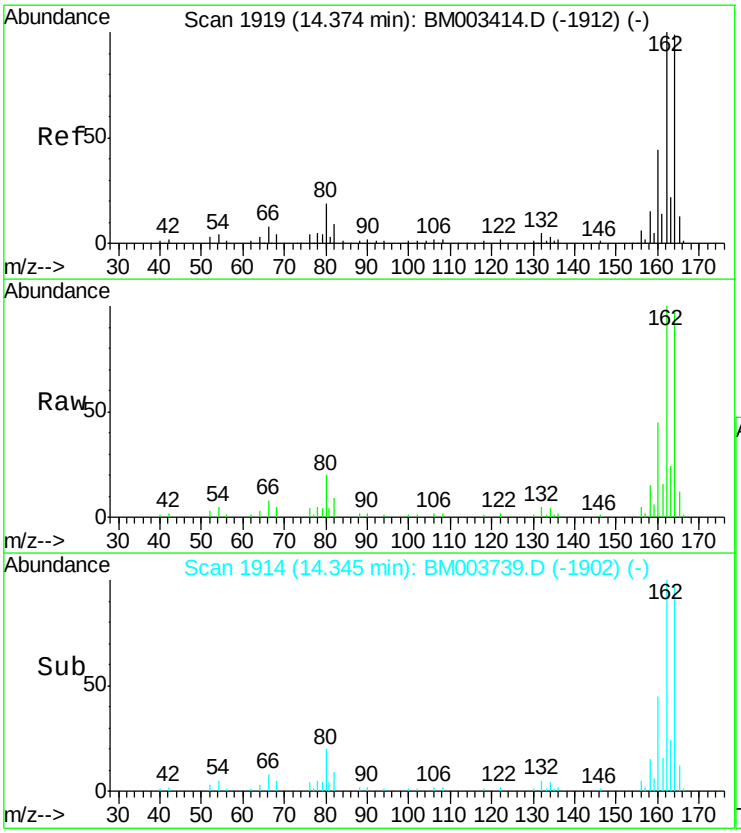
#37
2-Methylnaphthalene
Concen: 6.16 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tgt Ion:142 Resp: 32583

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	35.6	25.4	38.0

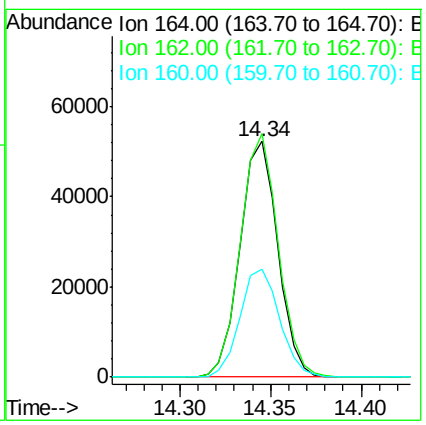


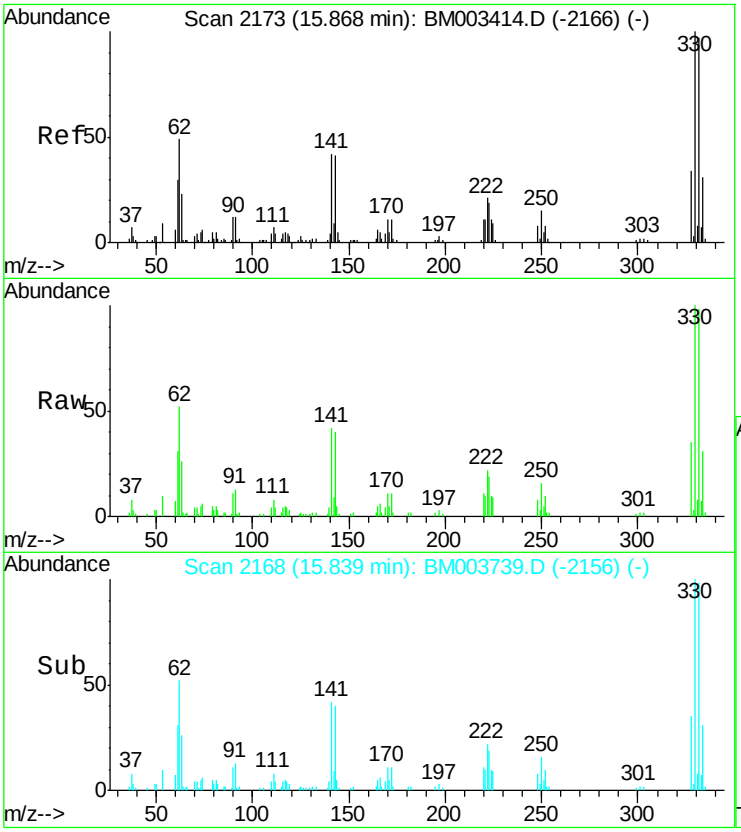


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:164 Resp: 75847

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.4	123.6
160	46.0	35.8	53.6



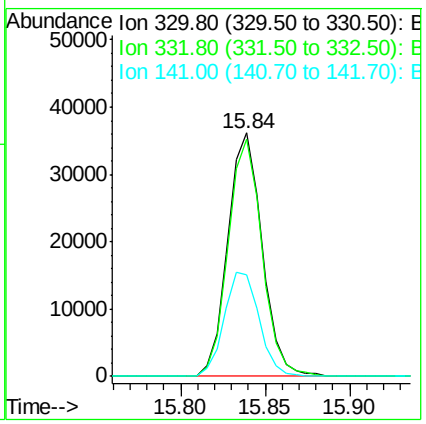


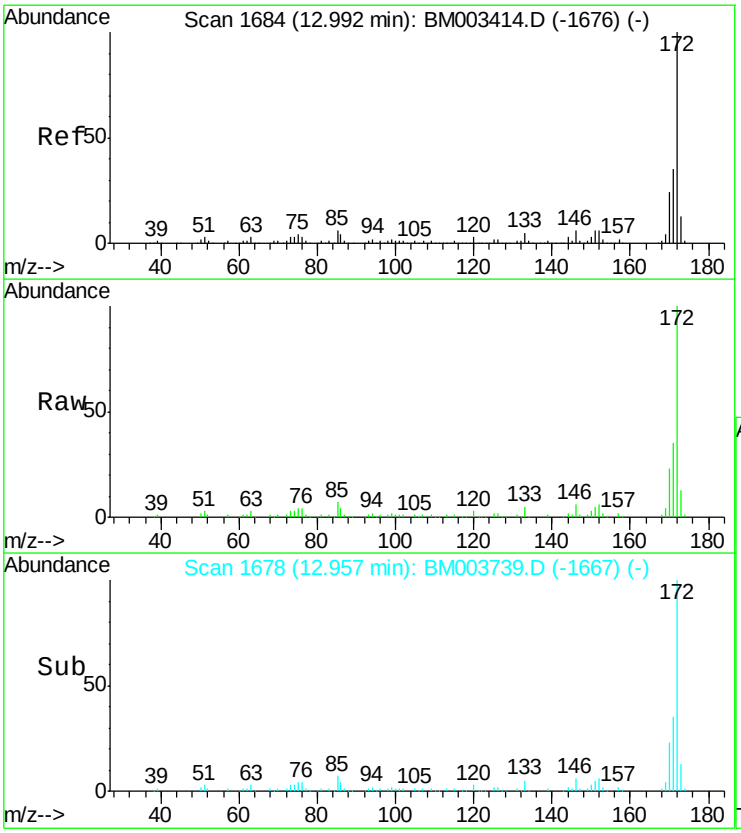
#41
2,4,6-Tribromophenol
Concen: 67.13 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tgt Ion:330 Resp: 50848

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	43.7	0.0	0.0#

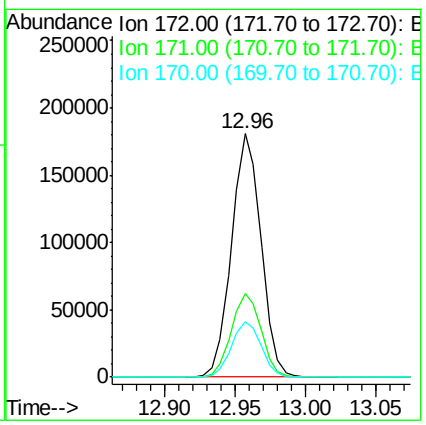


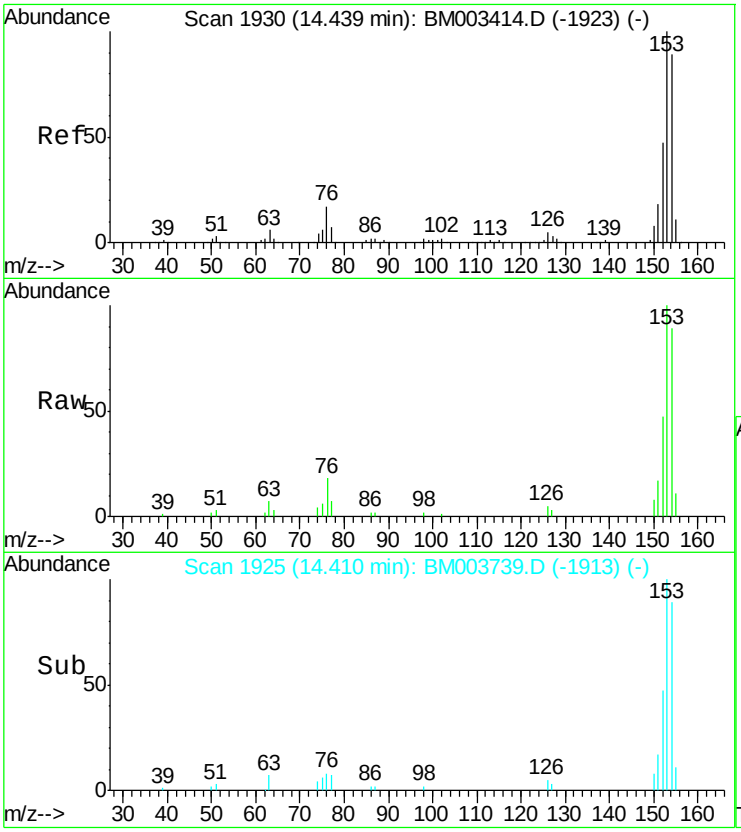


#44
2-Fluorobiphenyl
Concen: 47.19 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.04 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:172 Resp: 262687

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.0	18.8	28.2



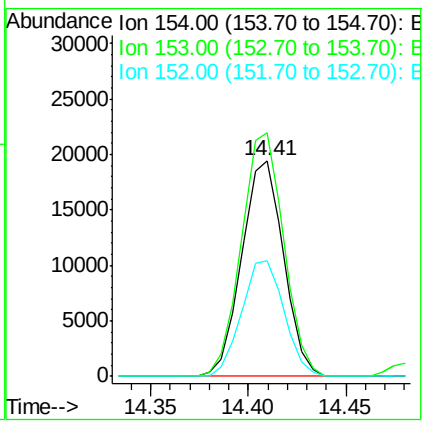


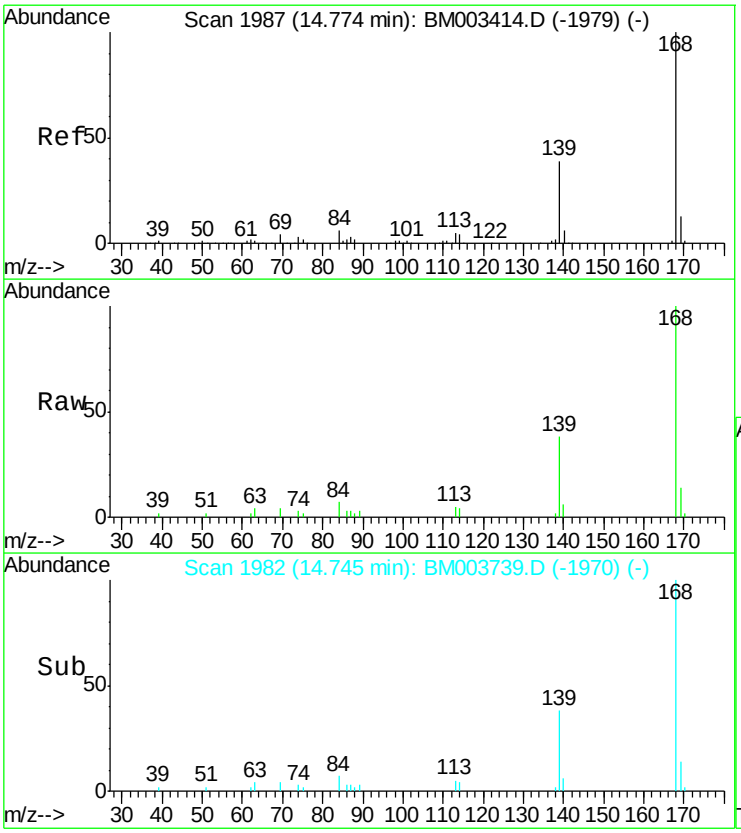
#51
Acenaphthene
Concen: 6.05 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tgt Ion:154 Resp: 28854

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.0	135.0
152	53.4	42.6	63.8

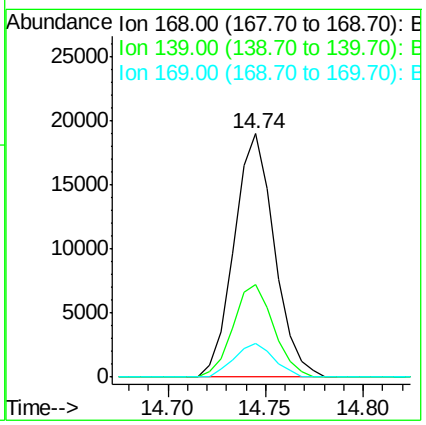


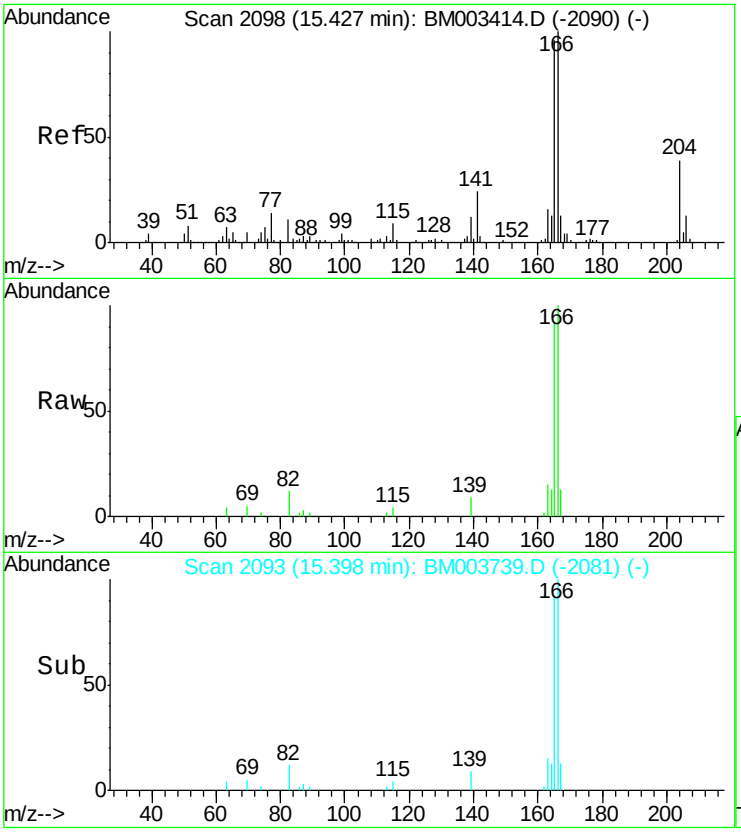


#54
Dibenzofuran
Concen: 3.94 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:168 Resp: 27195

Ion	Ratio	Lower	Upper
168	100		
139	38.2	27.3	40.9
169	13.7	10.6	16.0



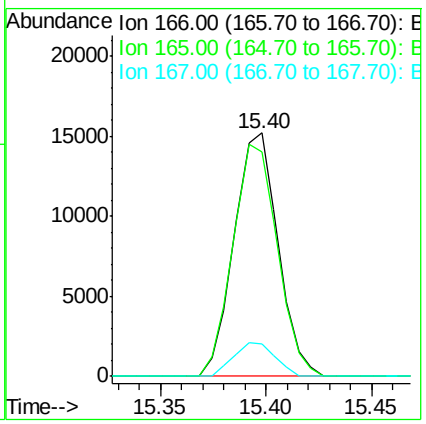


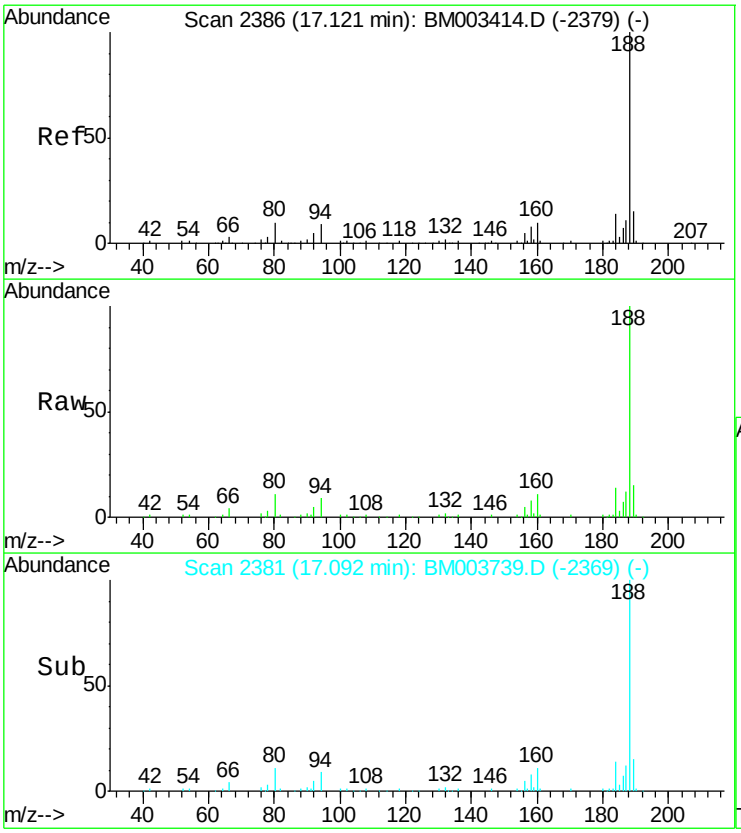
#57
Fluorene
Concen: 3.83 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tgt Ion:166 Resp: 21896

Ion	Ratio	Lower	Upper
166	100		
165	92.1	79.0	118.4
167	13.3	10.3	15.5

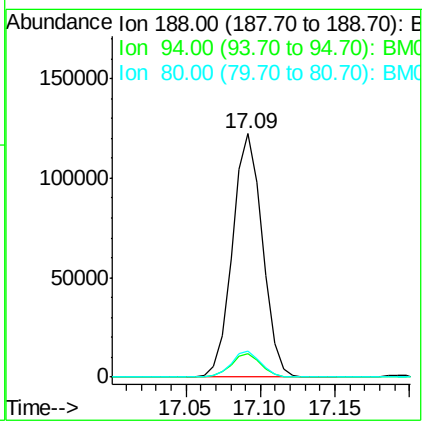


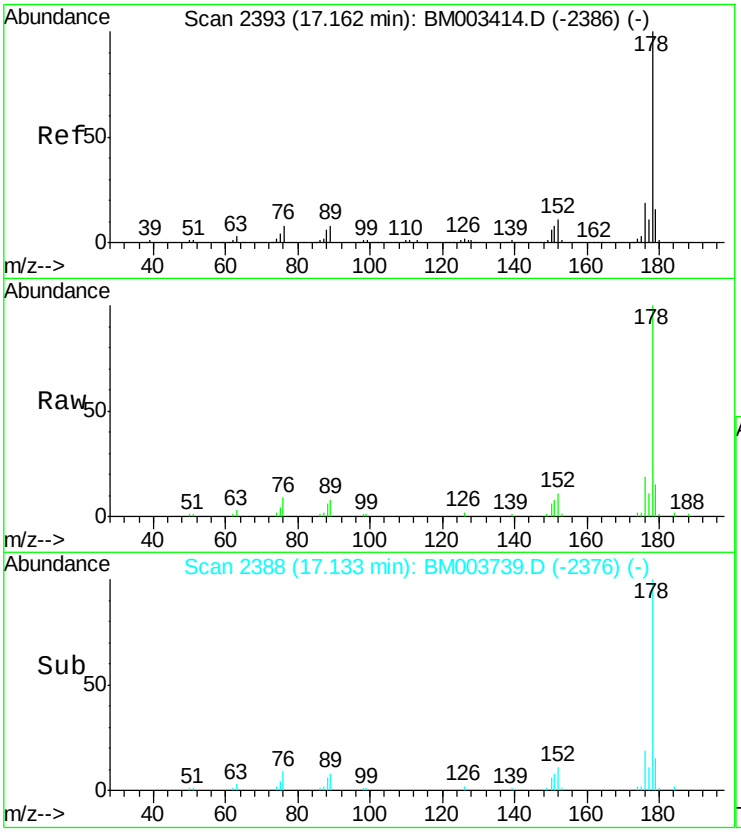


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:188 Resp: 171355

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.7	13.1
80	10.5	9.3	13.9



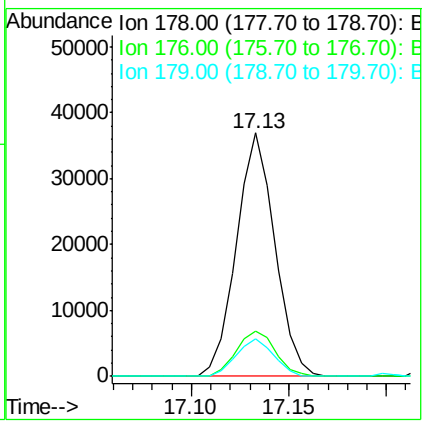


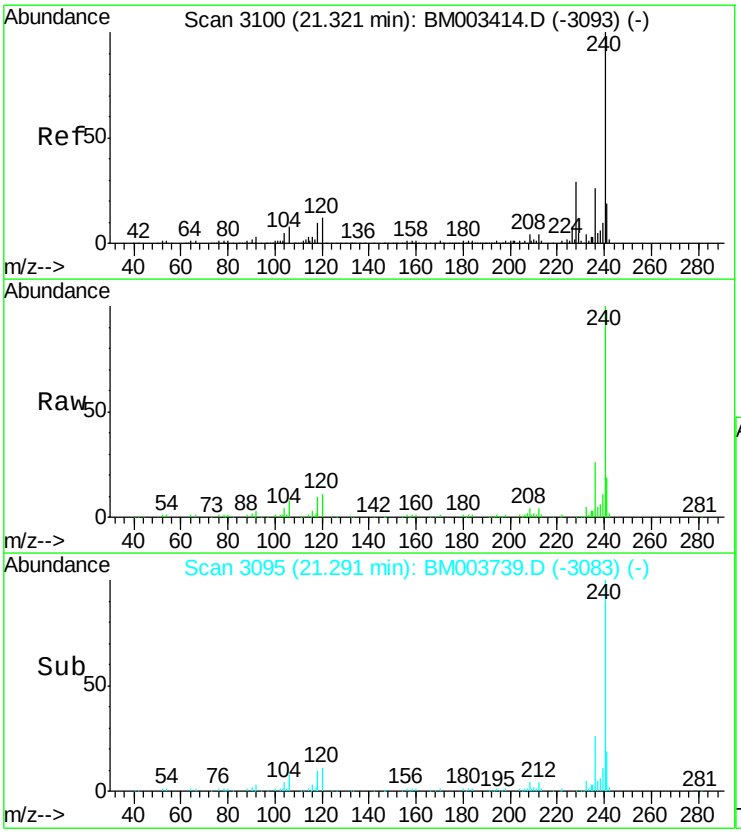
#70
Phenanthrene
Concen: 5.23 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tgt Ion:178 Resp: 50331

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.2	12.1	18.1

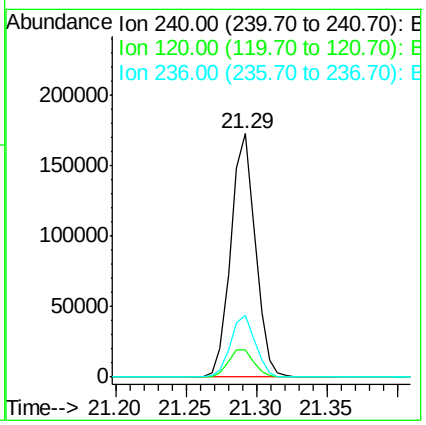


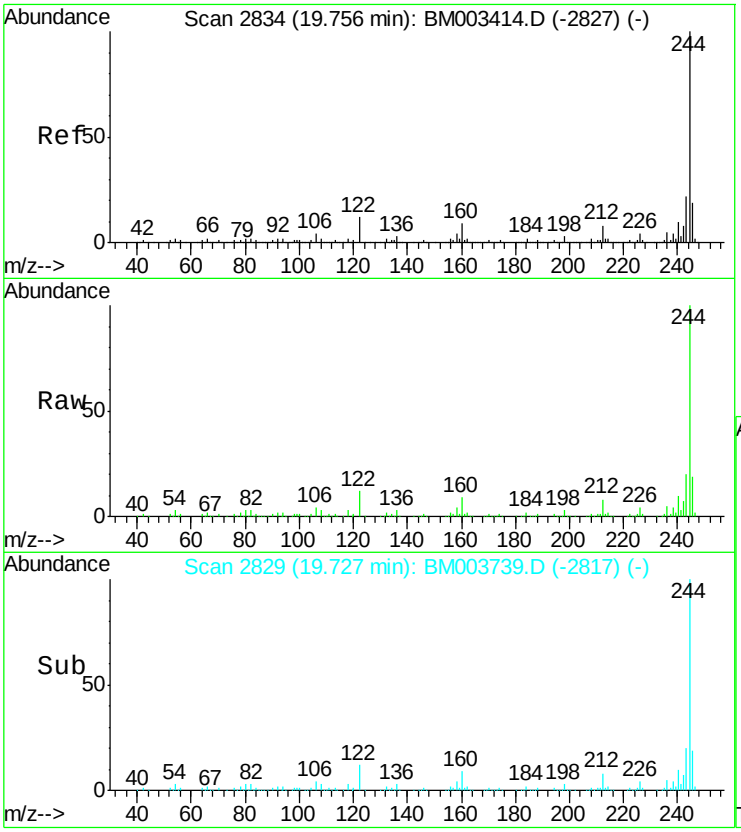


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:240 Resp: 210313

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	25.6	20.0	30.0



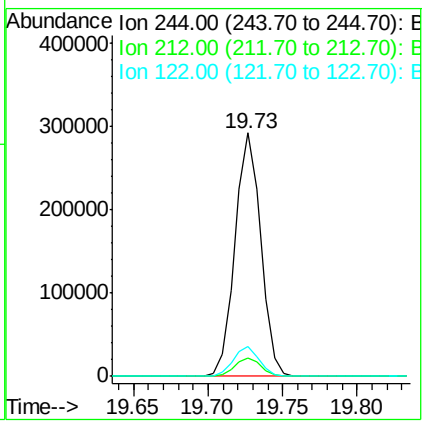


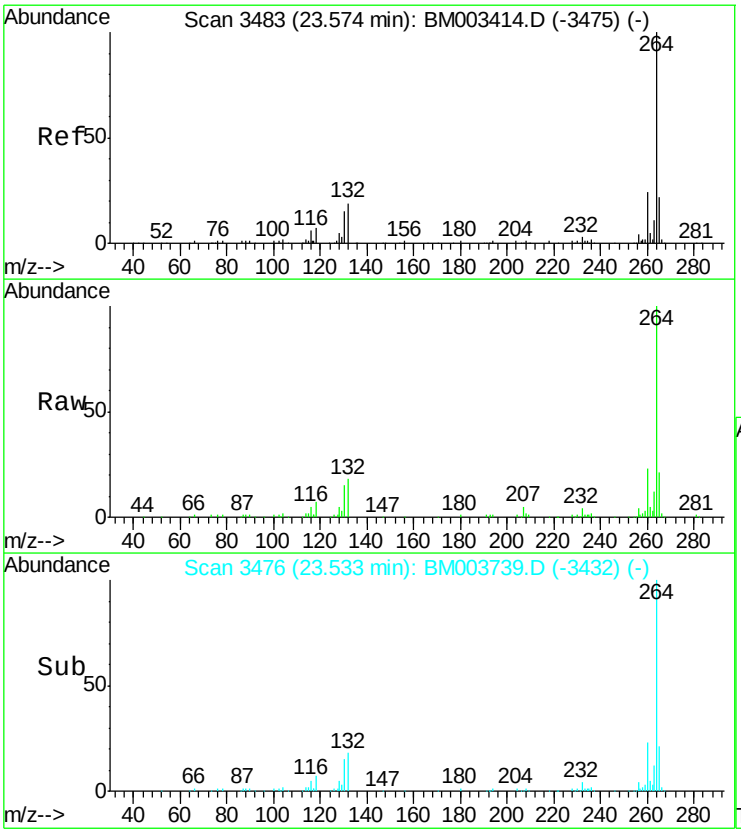
#78
Terphenyl-d14
Concen: 39.51 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.03 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Instrument :
BNA_M
ClientSampleId :
G4969-13DL

Tgt Ion:244 Resp: 352346

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	12.2	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM003739.D
Acq: 23 Dec 2015 09:56

Tgt Ion:264 Resp: 214395

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.2	17.3	25.9