Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016774.D
Acq On : 28 Apr 2015 20:46
Operator : TP/IZ
Sample : G2022-20 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03-0-2.0

Quant Time: Apr 29 01:15:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	69098	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	296216	20.00	ng		0.00
38) Acenaphthene-d10	14.22	164	163942	20.00	ng		0.00
63) Phenanthrene-d10	16.97	188	300942	20.00	ng		0.00
75) Chrysene-d12	21.16	240	255099	20.00	ng		0.00
86) Perylene-d12	23.36	264	243109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	78299	18.39	ng		0.00
7) Phenol-d6	6.77	99	105981	17.74	ng		0.00
23) Nitrobenzene-d5	8.72	82	53266	11.36	ng		0.00
41) 2,4,6-Tribromophenol	15.72	330	20735	17.05	ng		0.00
44) 2-Fluorobiphenyl	12.84	172	127754	12.52	ng		0.00
78) Terphenyl-d14	19.60	244	125117	11.30	ng		-0.01
Target Compounds							Qvalue
70) Phenanthrene	17.01	178	52443	3.03	ng		99
74) Fluoranthene	19.04	202	81631	4.46	ng		95
77) Pyrene	19.39	202	73462	4.10	ng		96
80) Benzo(a)anthracene	21.14	228	35795	2.31	ng		98
82) Chrysene	21.19	228	32142	2.17	ng		98
84) Di-n-octyl phthalate	21.82	149	74919	3.75	ng	#	83
87) Benzo(b)fluoranthene	22.70	252	60305	4.08	ng	#	92
88) Benzo(k)fluoranthene	22.70	252	60305	4.18	ng	#	91
89) Benzo(a)pyrene	23.26	252	32078	2.31	ng		95

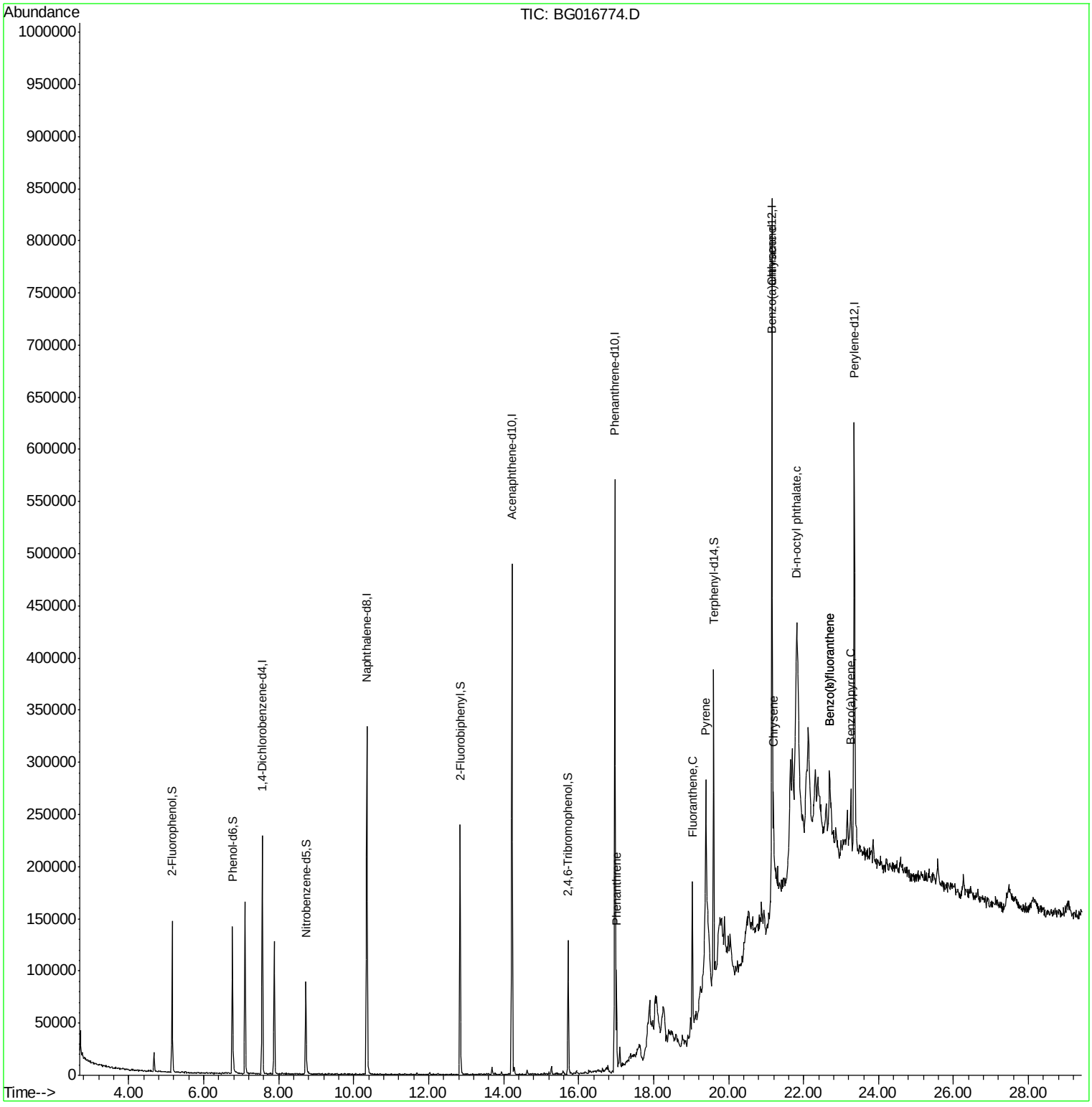
(#) = qualifier out of range (m) = manual integration (+) = signals summed

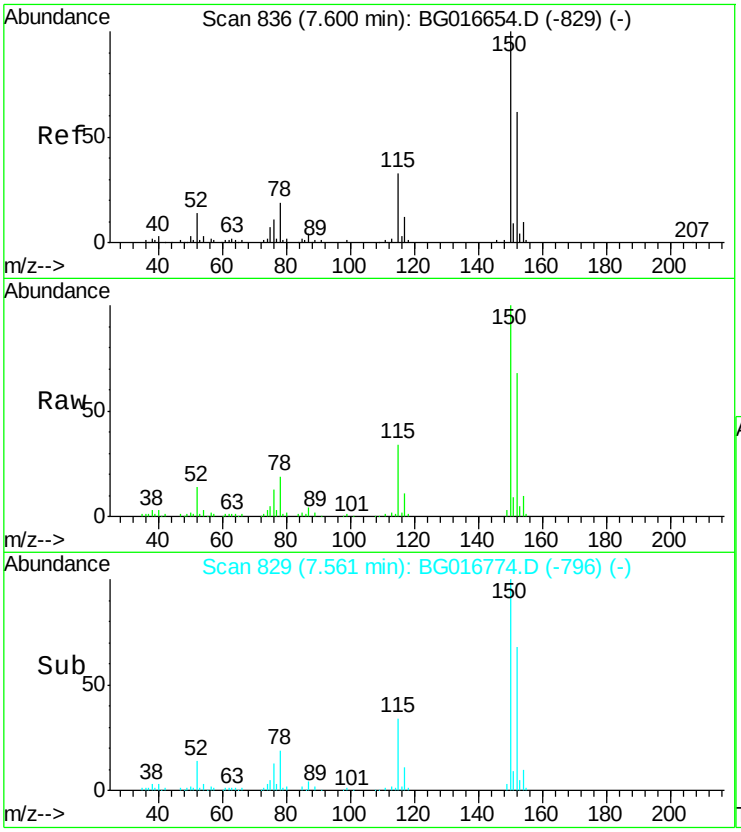
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016774.D
Acq On : 28 Apr 2015 20:46
Operator : TP/IZ
Sample : G2022-20 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Quant Time: Apr 29 01:15:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 00:55:31 2015
Response via : Initial Calibration



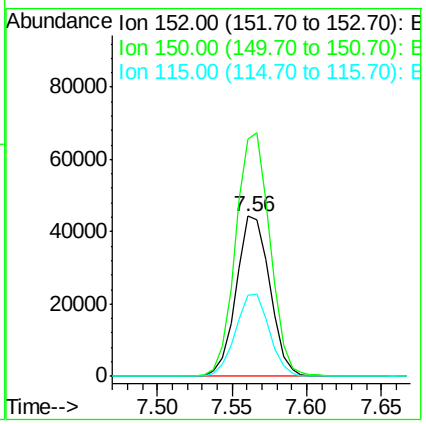


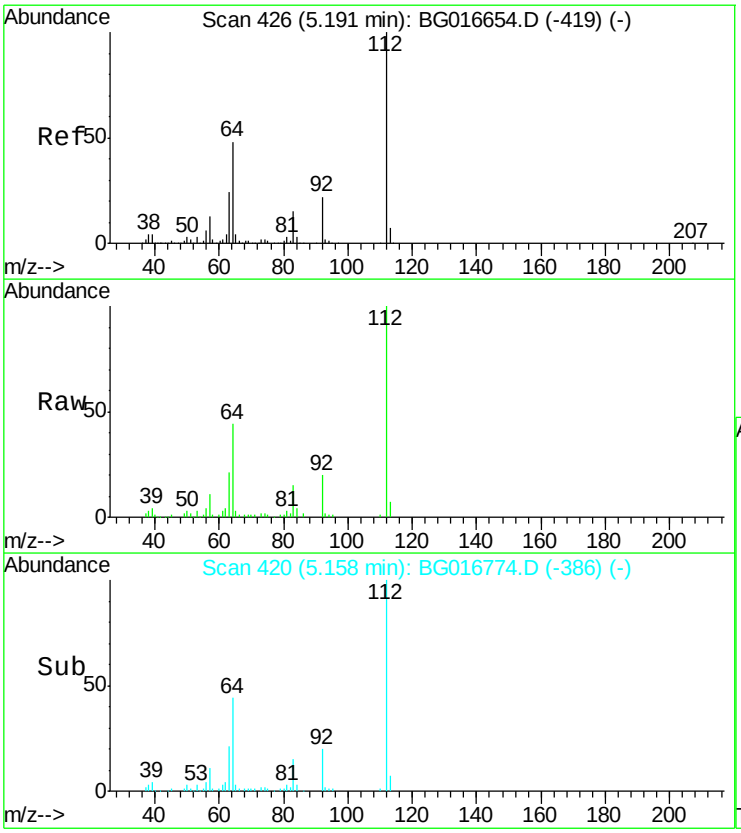
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion:152 Resp: 69098

Ion	Ratio	Lower	Upper
152	100		
150	147.9	129.6	194.4
115	50.6	43.0	64.6

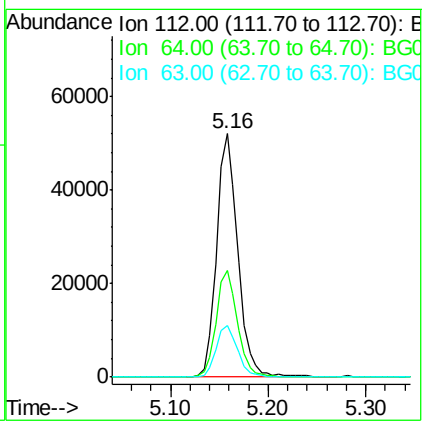


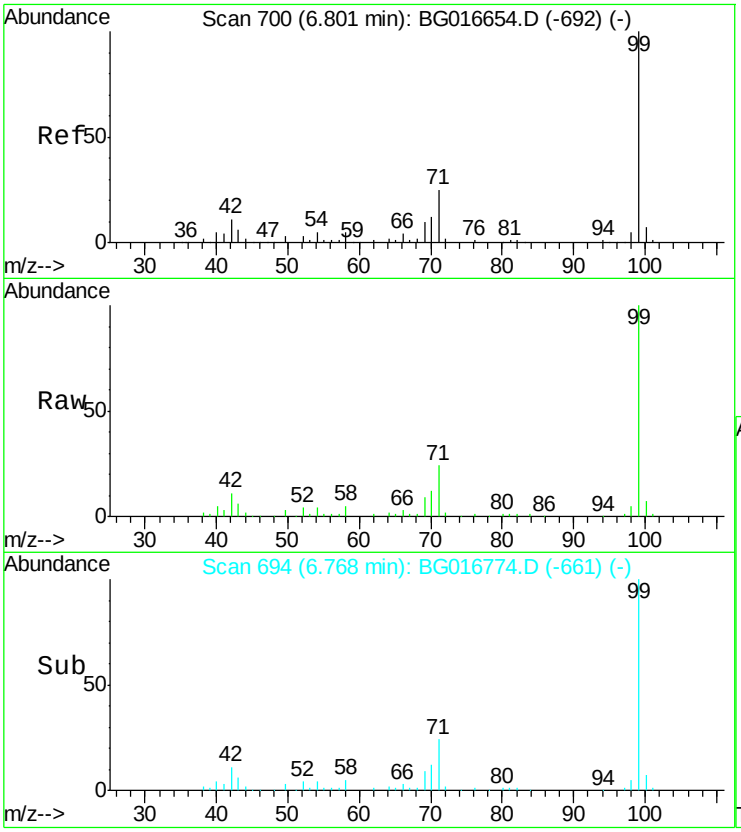


#5
2-Fluorophenol
Concen: 18.39 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:112 Resp: 78299

Ion	Ratio	Lower	Upper
112	100		
64	43.7	38.3	57.5
63	21.5	18.9	28.3



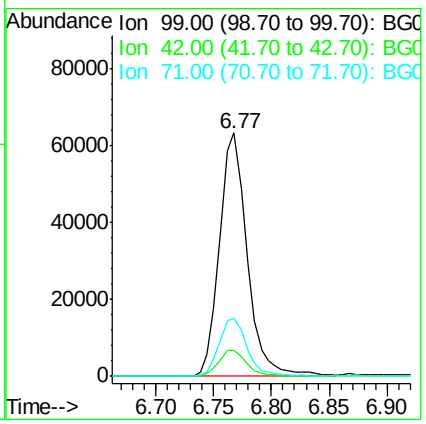


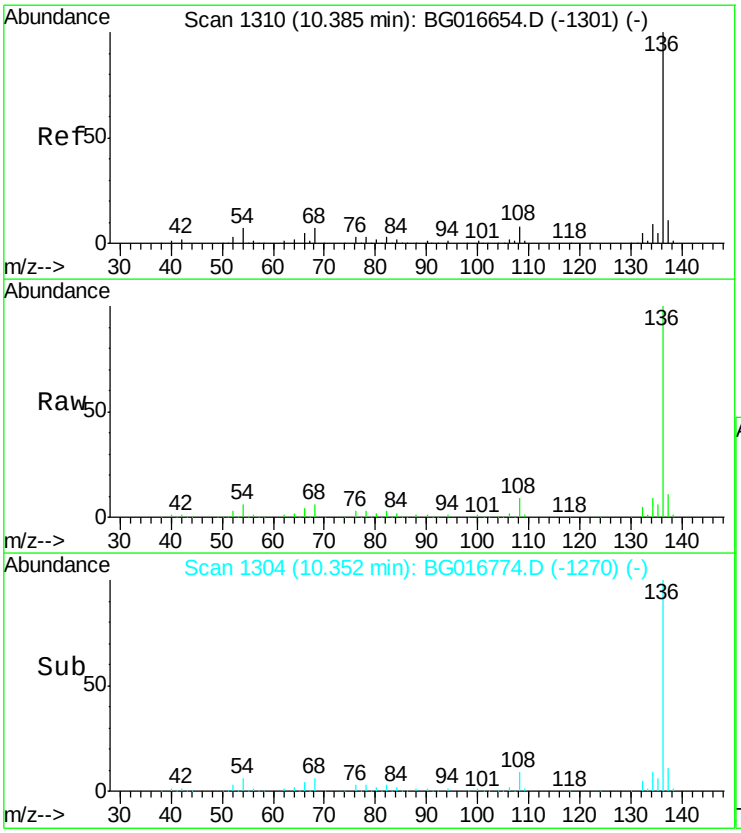
#7
Phenol-d6
Concen: 17.74 ng
RT: 6.77 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion: 99 Resp: 105981

Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.8	13.2
71	24.0	19.9	29.9

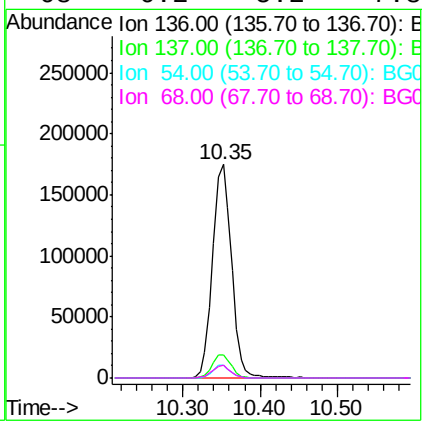


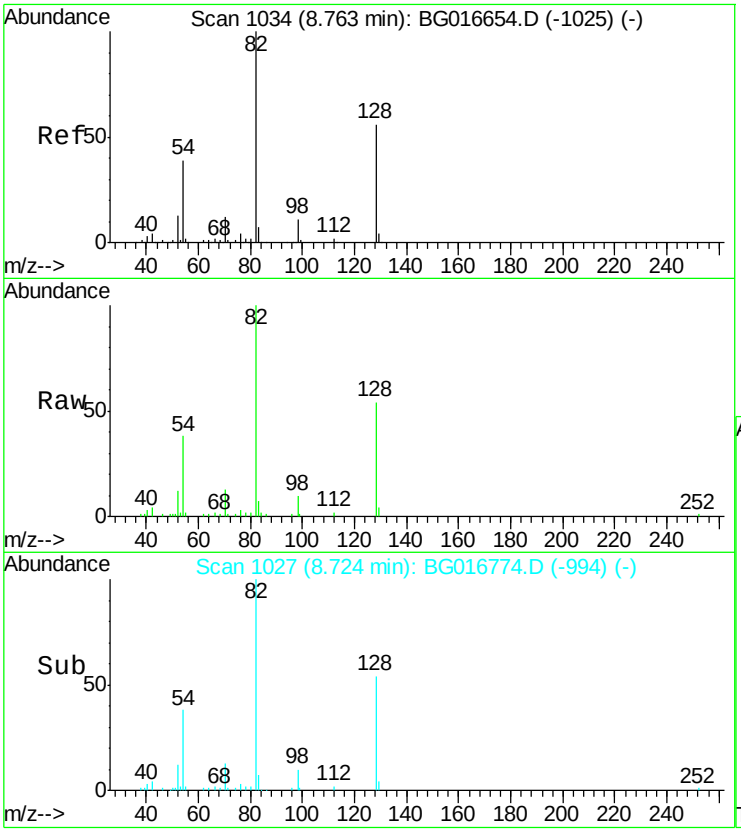


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:136 Resp: 296216

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	5.8	5.4	8.2
68	6.2	5.2	7.8



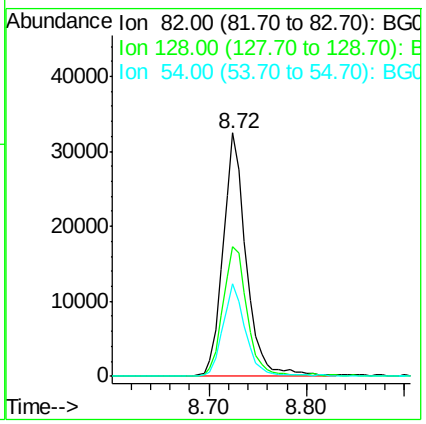


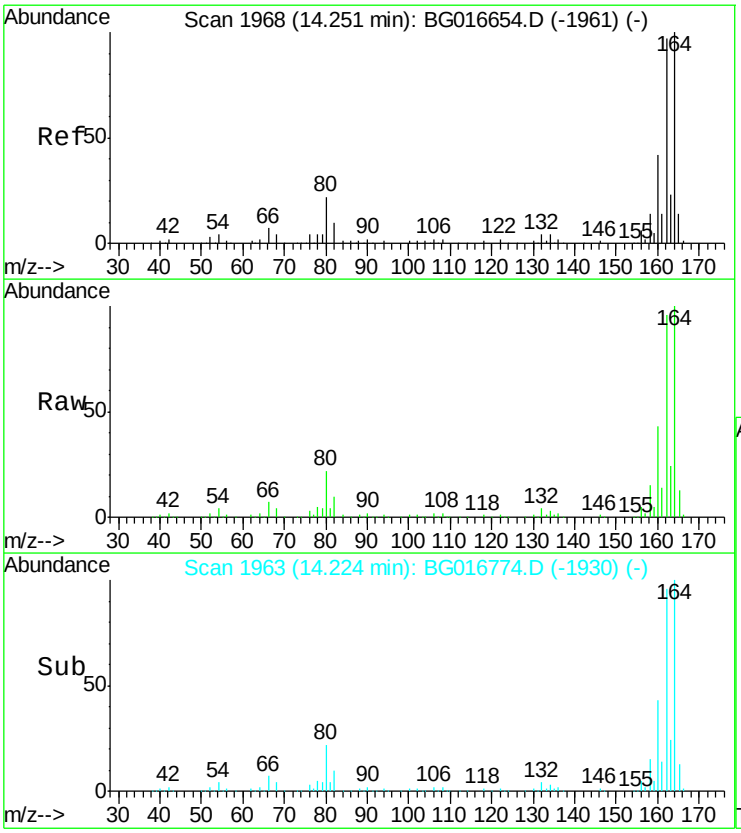
#23
Nitrobenzene-d5
Concen: 11.36 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion: 82 Resp: 53266

Ion	Ratio	Lower	Upper
82	100		
128	53.5	44.7	67.1
54	38.1	30.9	46.3

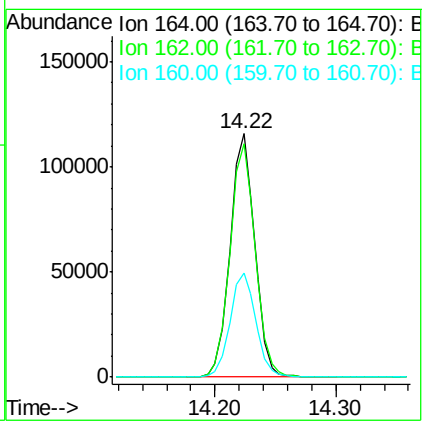


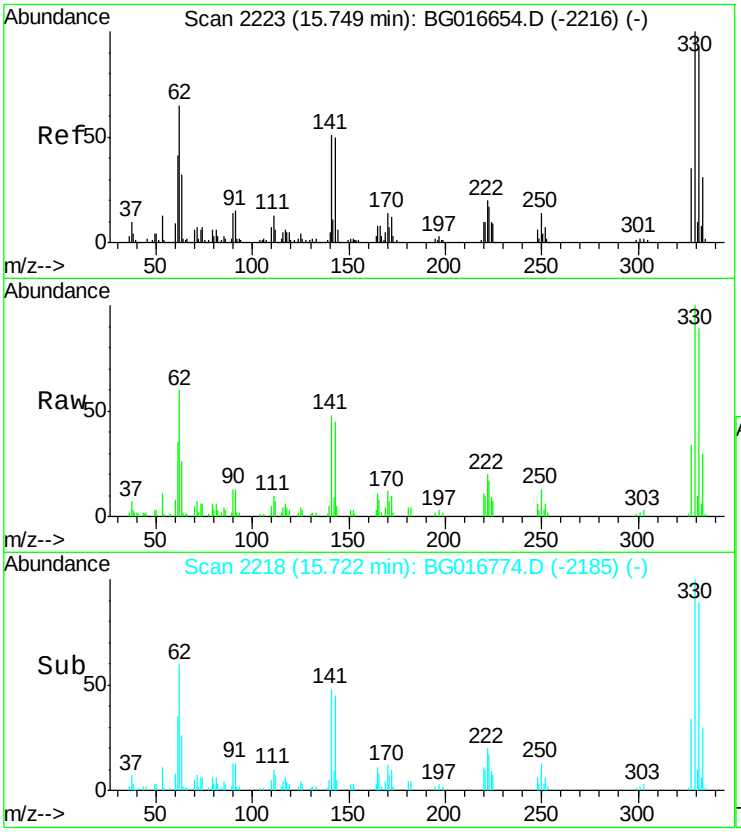


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:164 Resp: 163942

Ion	Ratio	Lower	Upper
164	100		
162	95.7	77.3	115.9
160	42.5	33.7	50.5



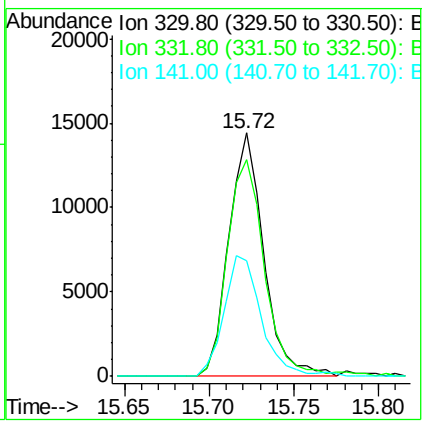


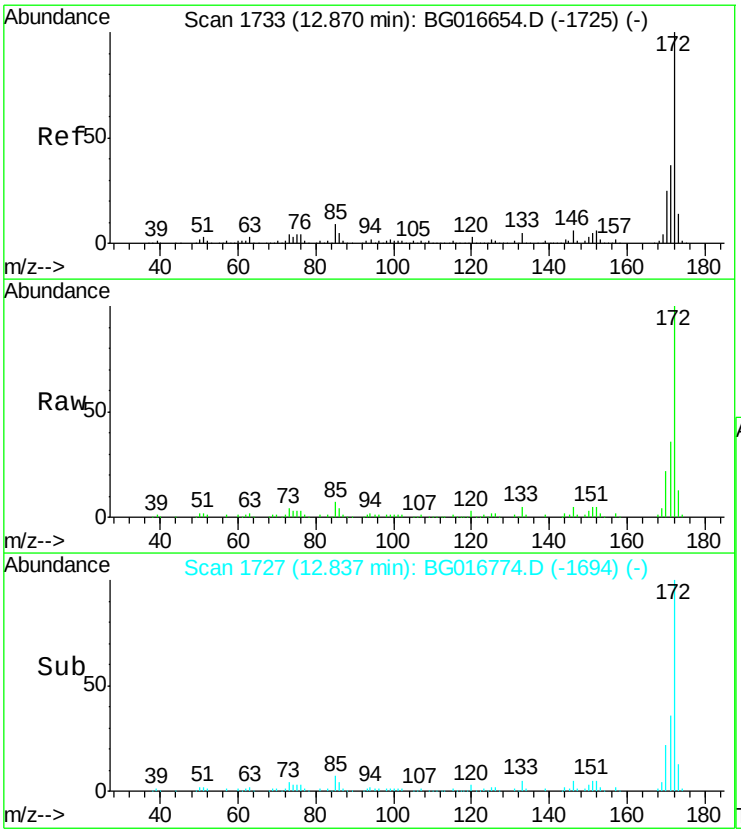
#41
2,4,6-Tribromophenol
Concen: 17.05 ng
RT: 15.72 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion:330 Resp: 20735

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	53.0	43.0	64.6

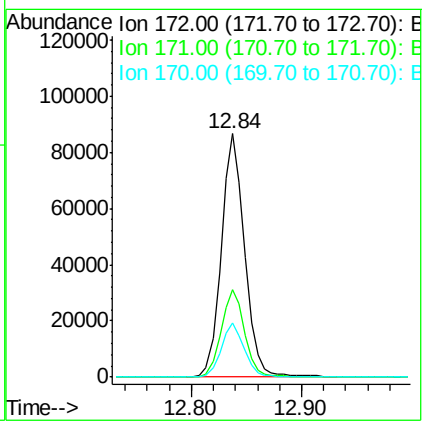


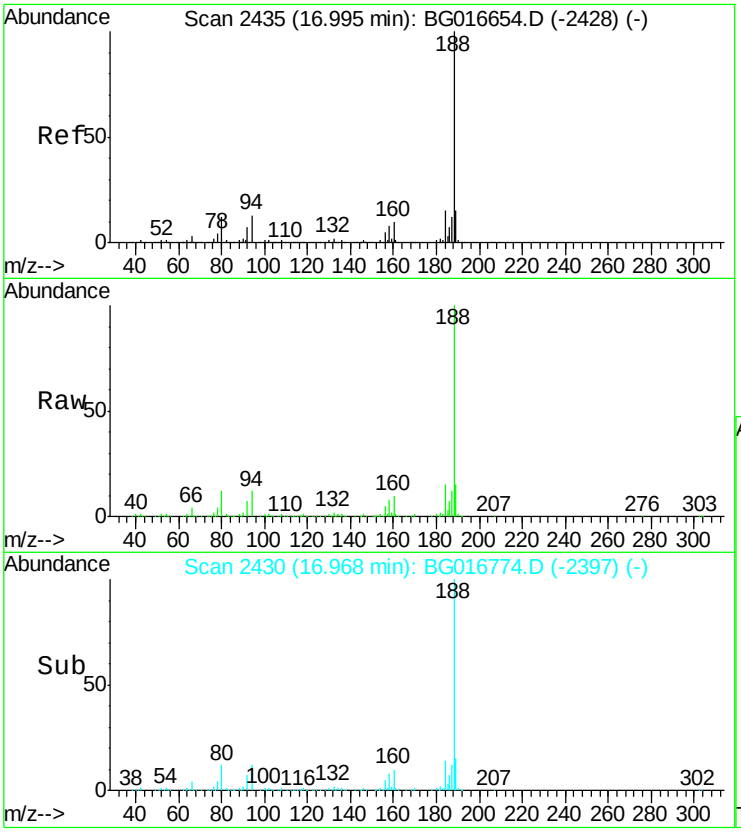


#44
2-Fluorobiphenyl
Concen: 12.52 ng
RT: 12.84 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:172 Resp: 127754

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	22.3	19.8	29.8



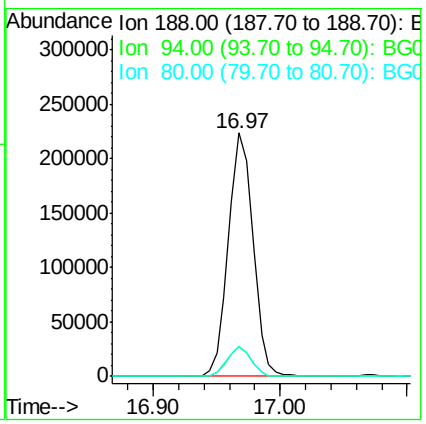


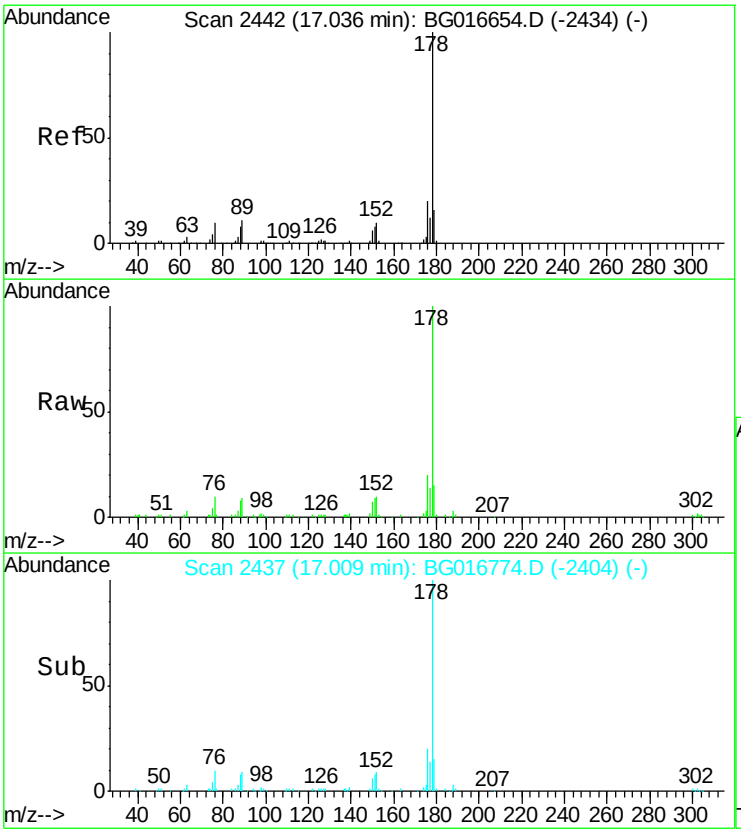
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion:188 Resp: 300942

Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.7	16.1
80	12.4	9.9	14.9

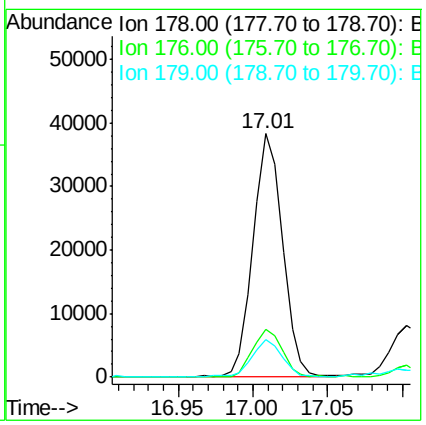


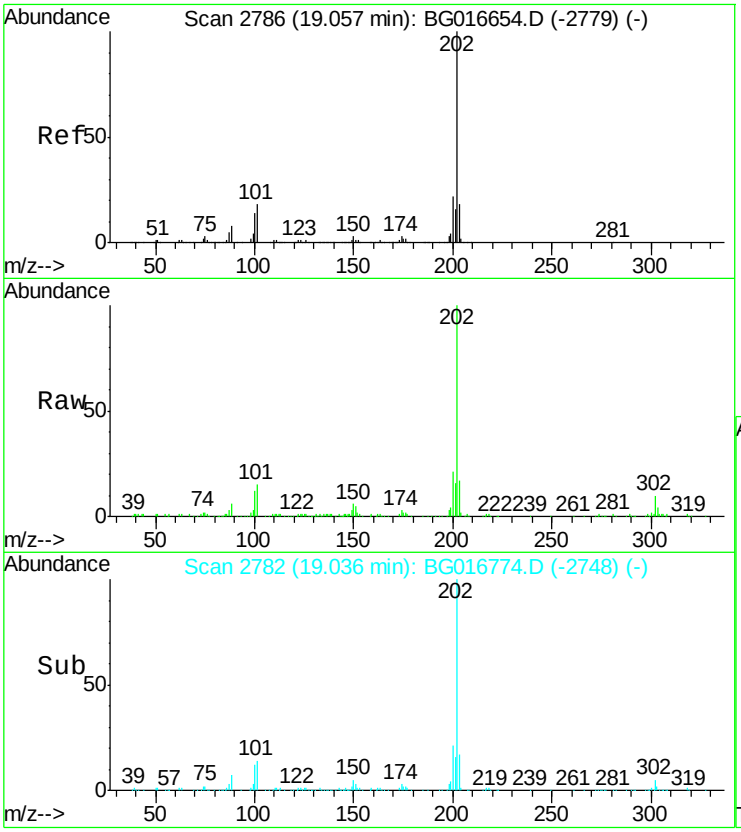


#70
Phenanthrene
Concen: 3.03 ng
RT: 17.01 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:178 Resp: 52443

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.4	12.8	19.2



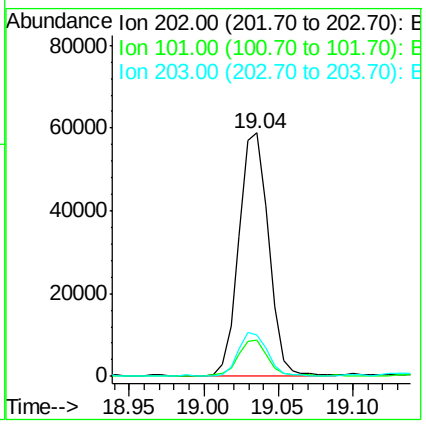


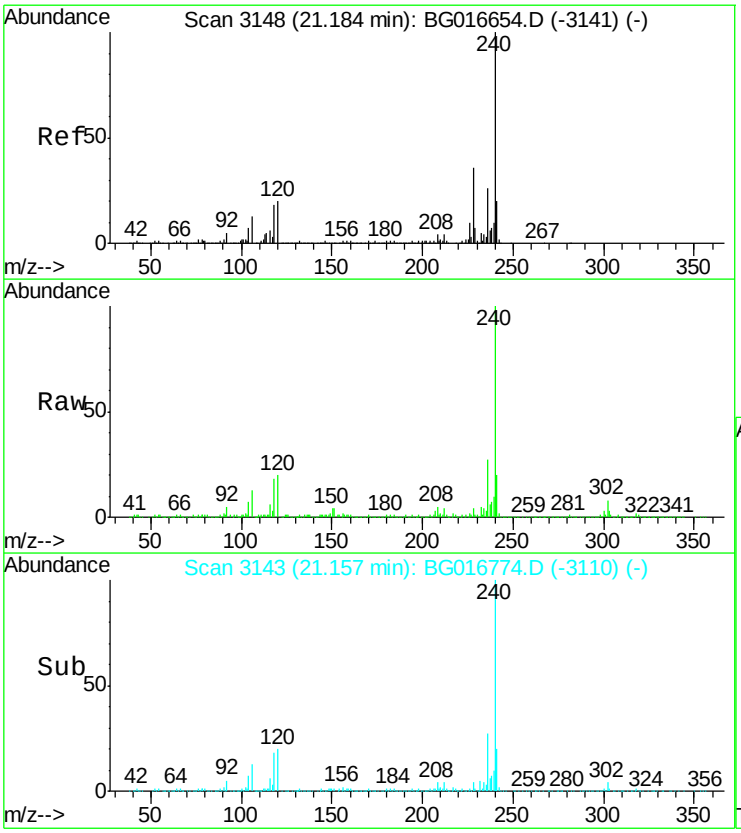
#74
Fluoranthene
Concen: 4.46 ng
RT: 19.04 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion:202 Resp: 81631

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	38.1
203	16.9	0.0	38.4

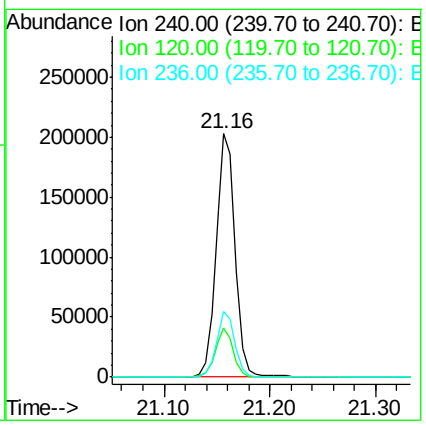


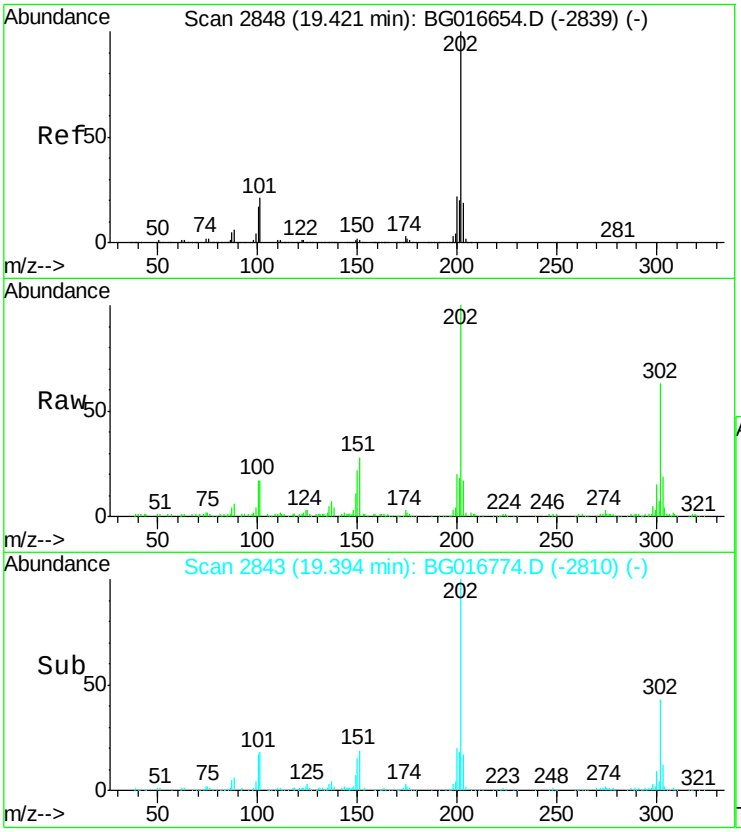


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:240 Resp: 255099

Ion	Ratio	Lower	Upper
240	100		
120	20.4	16.3	24.5
236	26.8	21.1	31.7



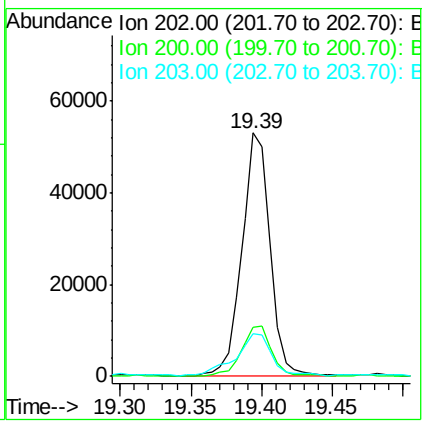


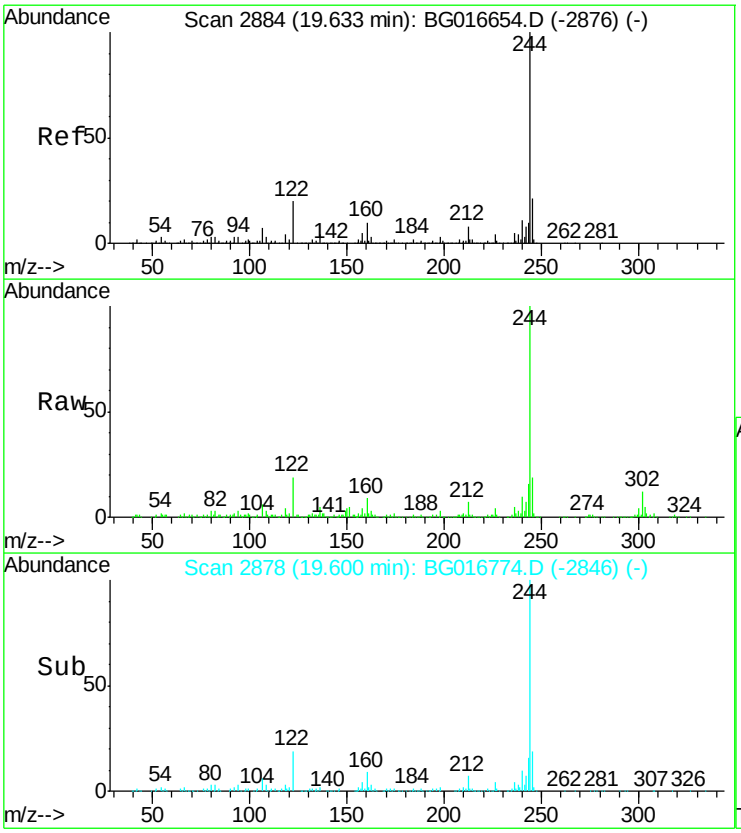
#77
Pyrene
Concen: 4.10 ng
RT: 19.39 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion:202 Resp: 73462

Ion	Ratio	Lower	Upper
202	100		
200	20.2	18.0	27.0
203	17.3	14.9	22.3

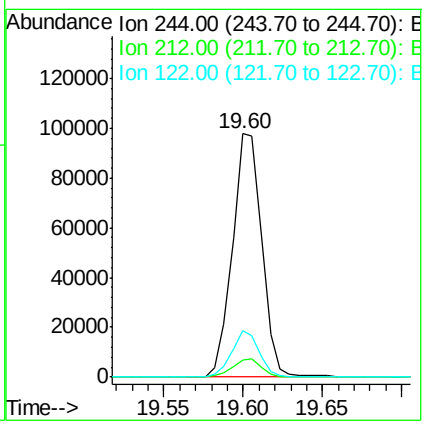


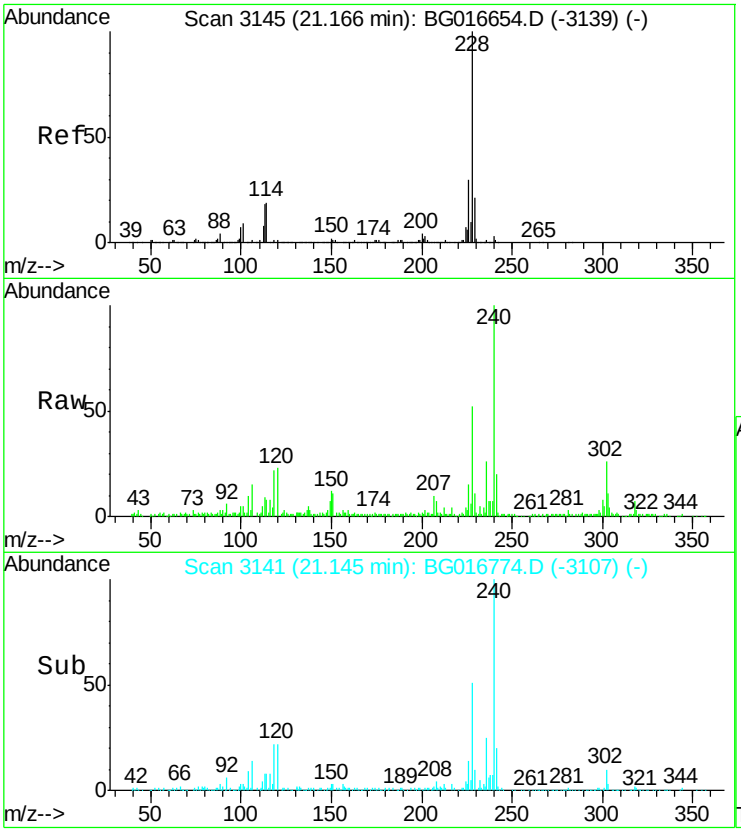


#78
Terphenyl-d14
Concen: 11.30 ng
RT: 19.60 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:244 Resp: 125117

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.4	9.6
122	19.2	15.9	23.9



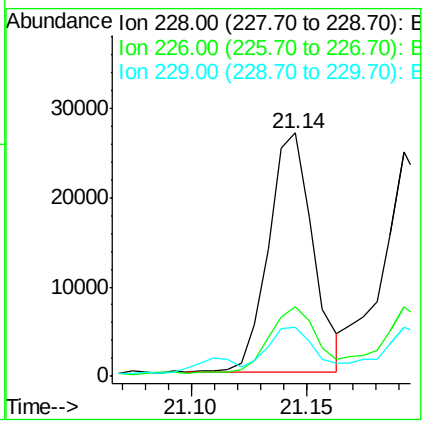


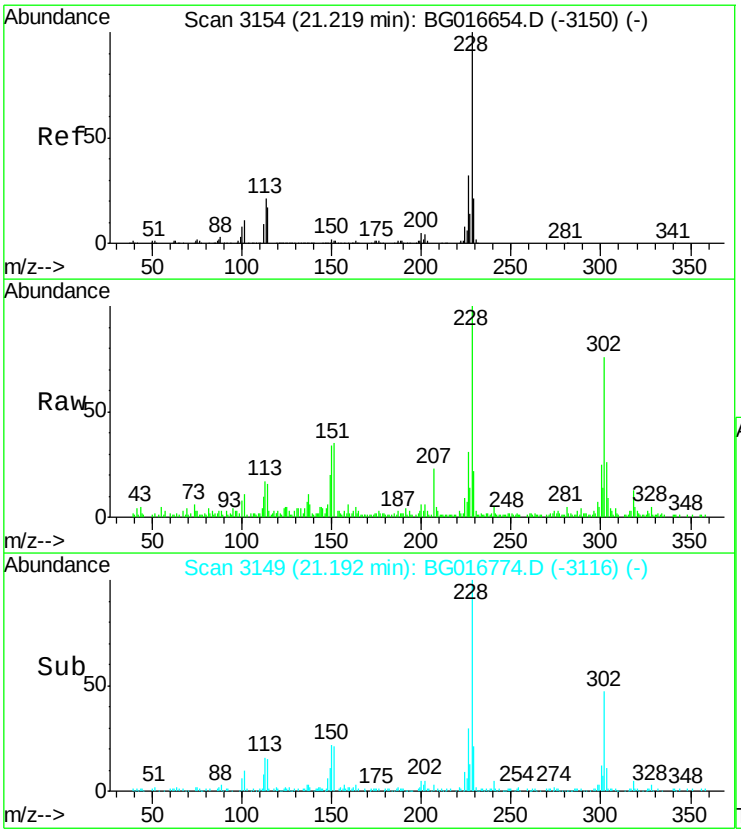
#80
Benzo(a)anthracene
Concen: 2.31 ng
RT: 21.14 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion:228 Resp: 35795

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.8	35.6
229	20.2	17.0	25.4

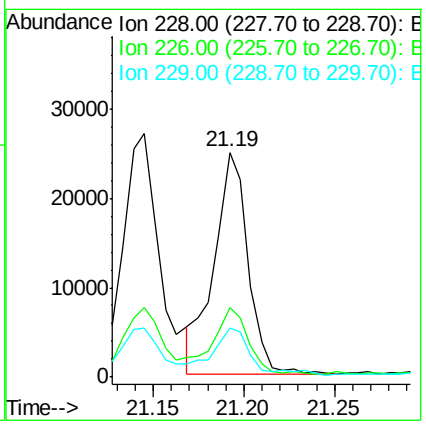


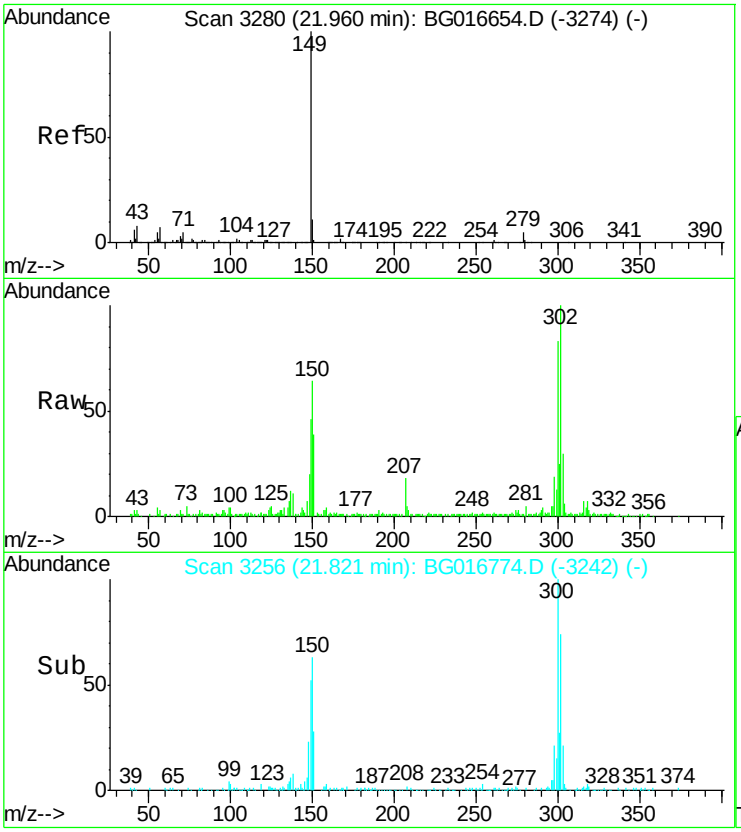


#82
Chrysene
Concen: 2.17 ng
RT: 21.19 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:228 Resp: 32142

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	21.9	16.5	24.7



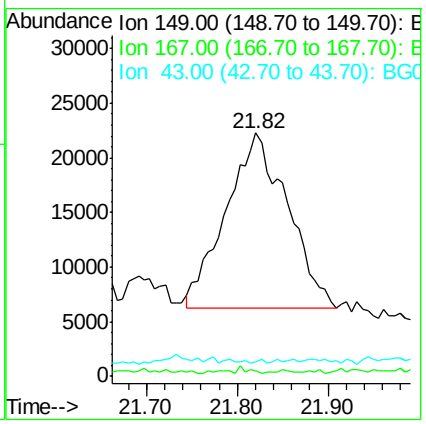


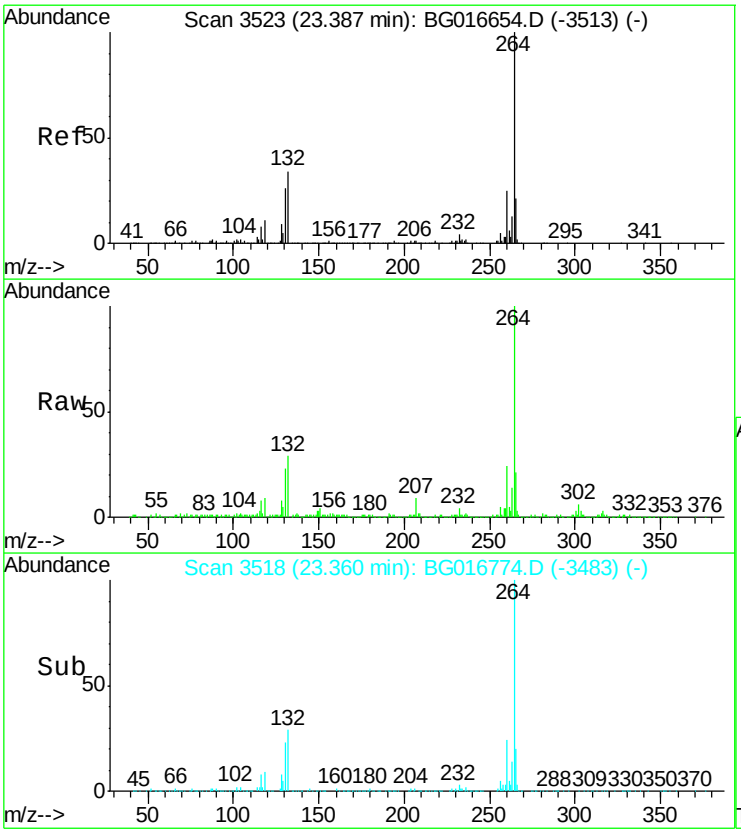
#84
Di-n-octyl phthalate
Concen: 3.75 ng
RT: 21.82 min Scan# 3256
Delta R.T. -0.12 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion:149 Resp: 74919

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.2	5.7	8.5#

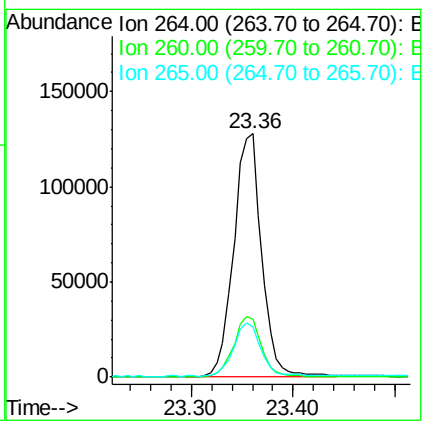


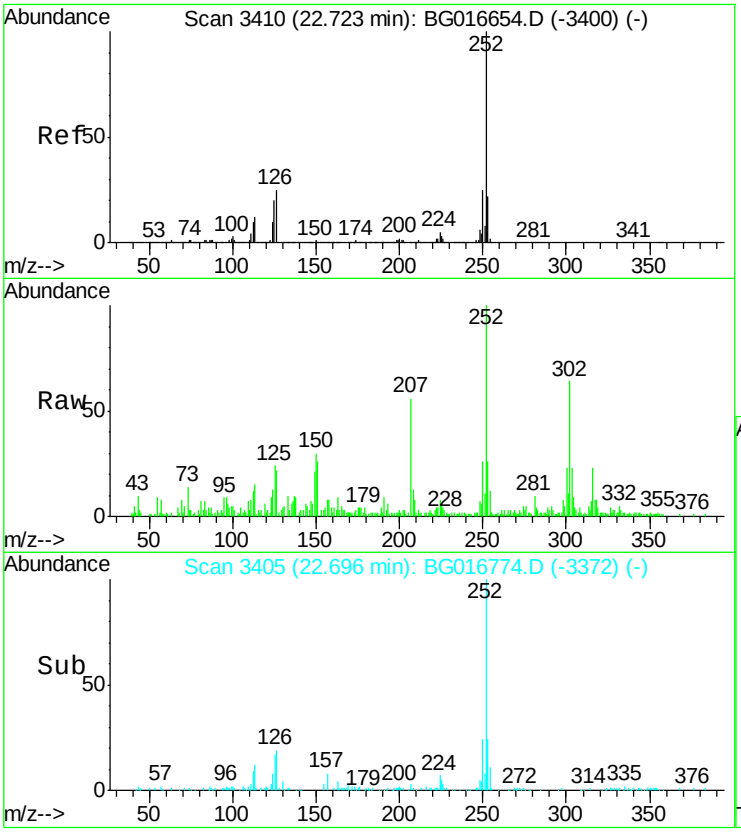


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.01 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:264 Resp: 243109

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	20.8	16.8	25.2



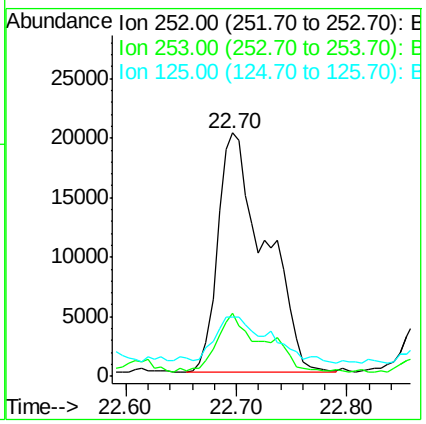


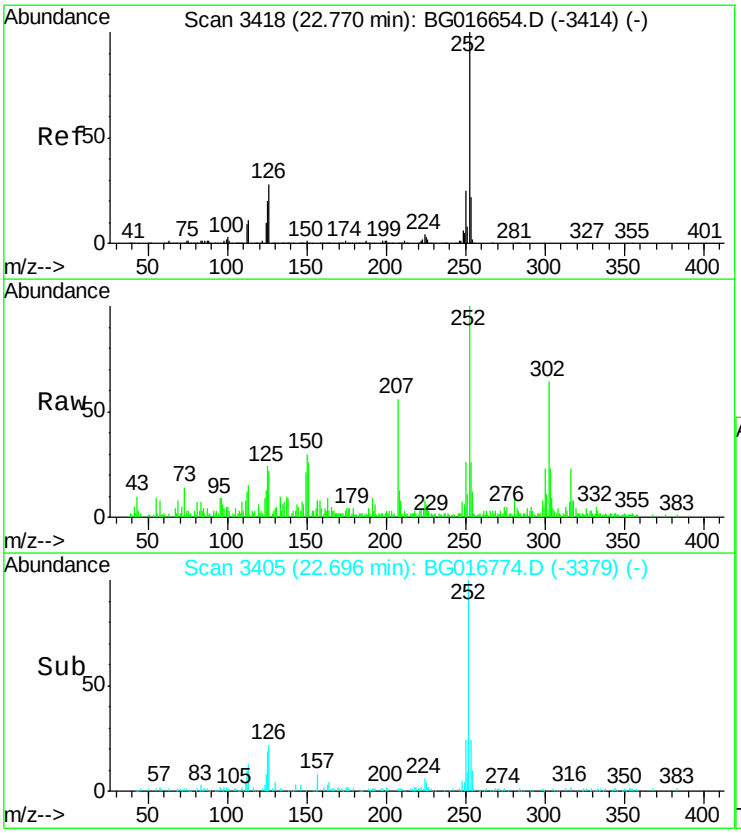
#87
Benzo(b)fluoranthene
Concen: 4.08 ng
RT: 22.70 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion:252 Resp: 60305

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	24.2	15.8	23.8#

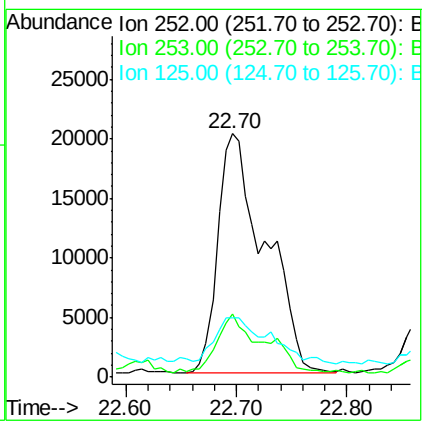


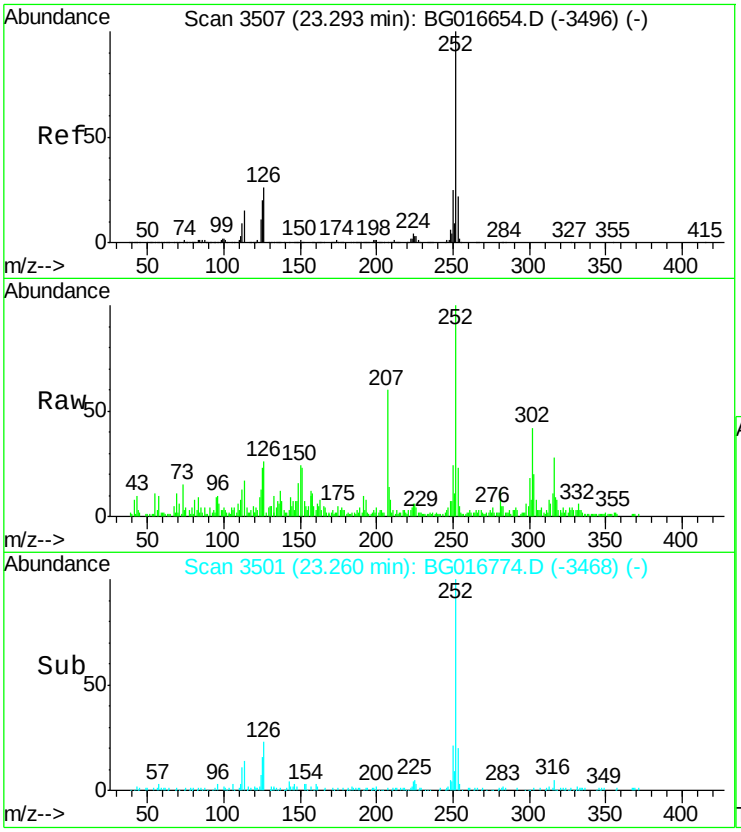


#88
Benzo(k)fluoranthene
Concen: 4.18 ng
RT: 22.70 min Scan# 3405
Delta R.T. -0.05 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Tgt Ion:252 Resp: 60305

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.6	26.4
125	24.2	15.5	23.3#





#89
Benzo(a)pyrene
Concen: 2.31 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG016774.D
Acq: 28 Apr 2015 20:46

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

Tgt Ion:252 Resp: 32078

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	23.1	16.3	24.5