Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022499.D
Acq On : 22 Jun 2016 14:49
Operator : UM/SJ
Sample : H3514-01RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-B1(0-5)CRE

Quant Time: Jun 22 16:06:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:27:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	40036	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	188055	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	96135	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	171453	20.00	ng		0.00
75) Chrysene-d12	21.64	240	130448	20.00	ng		0.00
86) Perylene-d12	24.85	264	113932	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	382251	184.60	ng		-0.01
7) Phenol-d6	7.17	99	535629	164.52	ng		-0.02
23) Nitrobenzene-d5	9.16	82	279896	103.77	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	113136	104.15	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	653366	103.57	ng		0.00
78) Terphenyl-d14	19.98	244	558886	101.71	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.08	163	58161	7.30	ng		99
70) Phenanthrene	17.42	178	33800	3.63	ng		98
74) Fluoranthene	19.43	202	64982	6.07	ng		94
77) Pyrene	19.79	202	60881	7.51	ng		97
80) Benzo(a)anthracene	21.62	228	30916	4.23	ng	#	91
82) Chrysene	21.69	228	33937	4.77	ng	#	90
83) Bis(2-ethylhexyl)phthalate	21.50	149	37052	6.70	ng		99
87) Benzo(b)fluoranthene	23.84	252	39869	6.00	ng	#	47
88) Benzo(k)fluoranthene	23.89	252	17170m	2.62	ng		

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

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S5-B1(0-5)CRE

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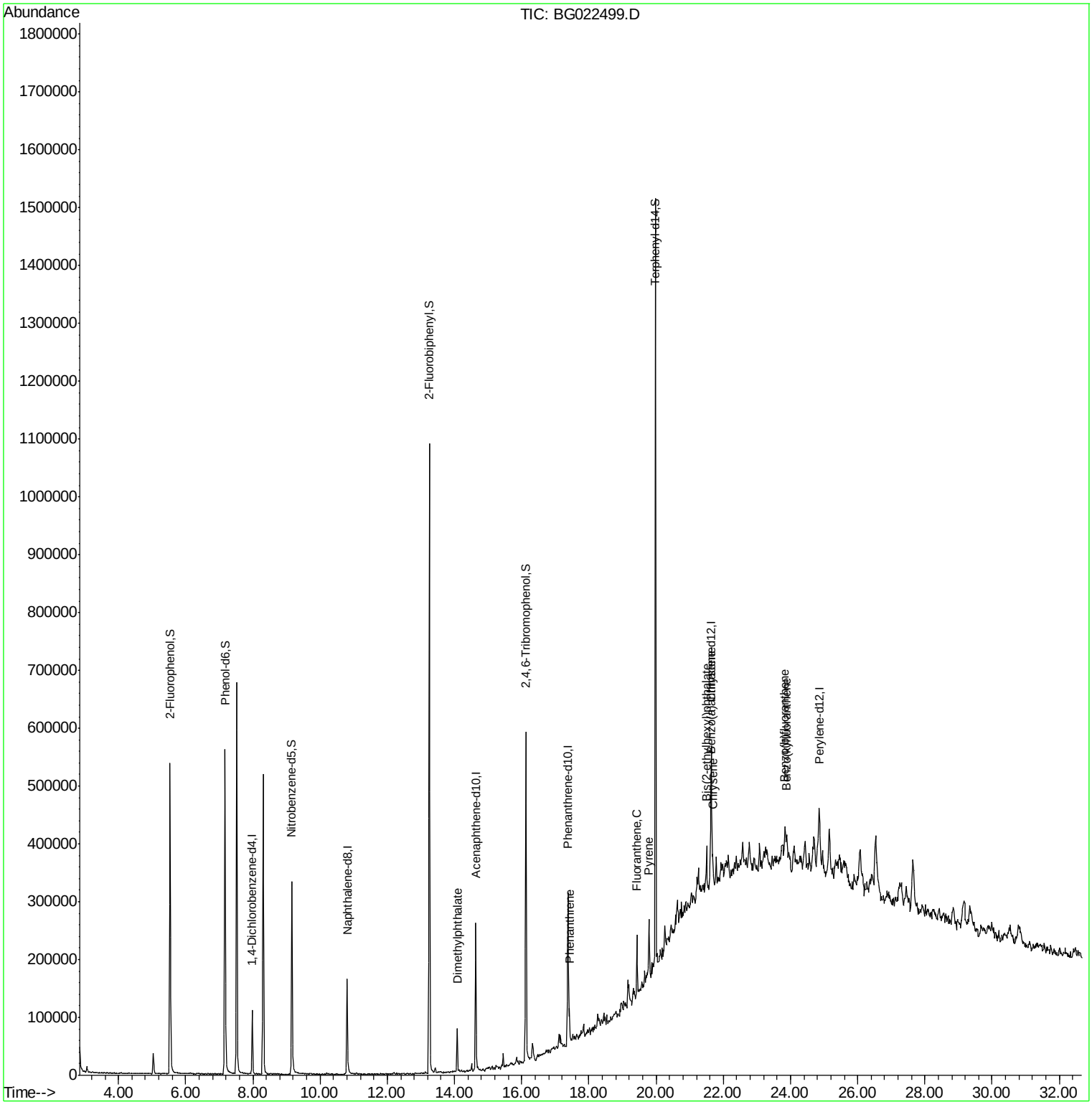
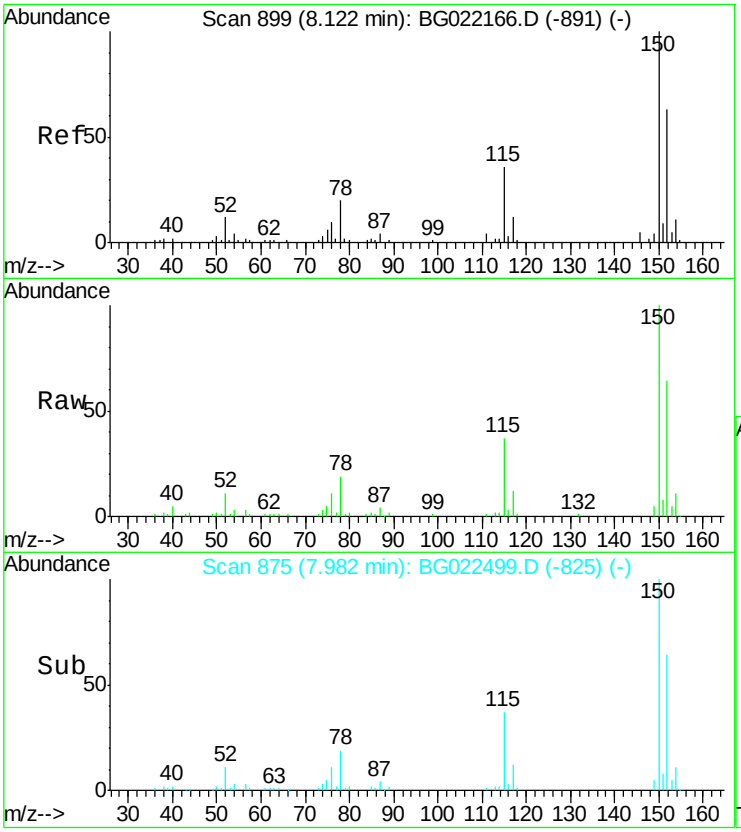


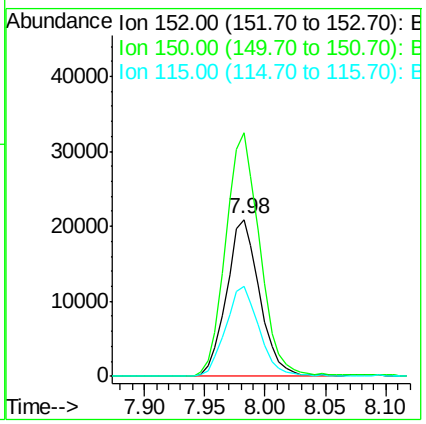


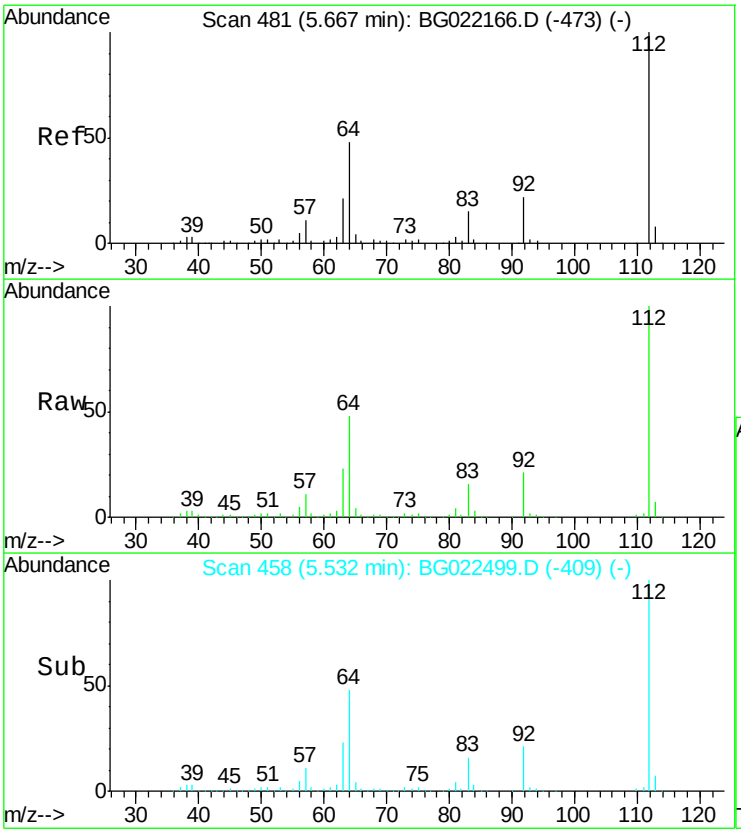
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion:152 Resp: 40036

Ion	Ratio	Lower	Upper
152	100		
150	155.0	130.1	195.1
115	57.7	62.2	93.2#

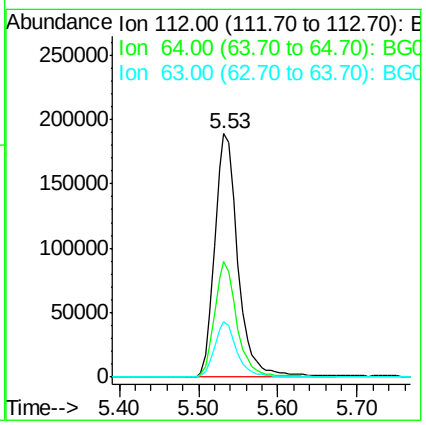


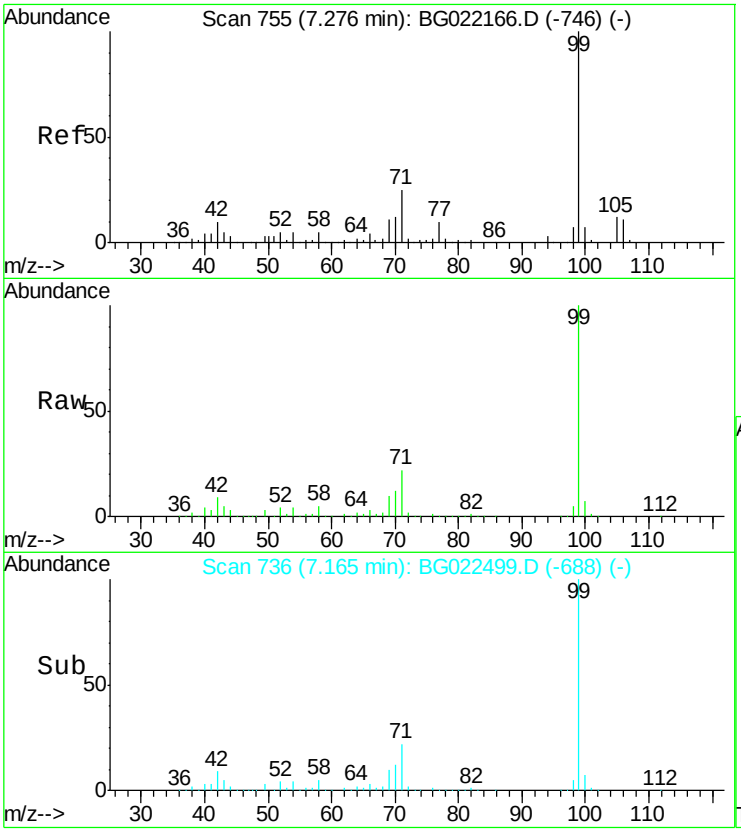


#5
2-Fluorophenol
Concen: 184.60 ng
RT: 5.53 min Scan# 458
Delta R.T. -0.01 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:112 Resp: 382251

Ion	Ratio	Lower	Upper
112	100		
64	47.6	51.1	76.7#
63	22.9	24.6	37.0#



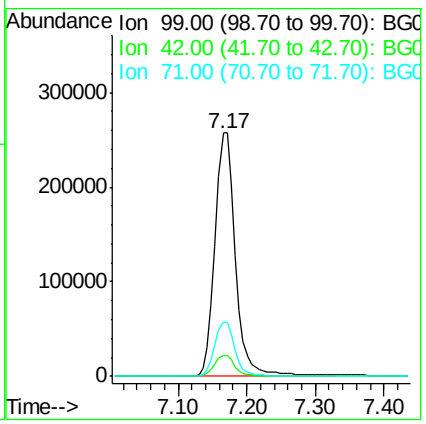


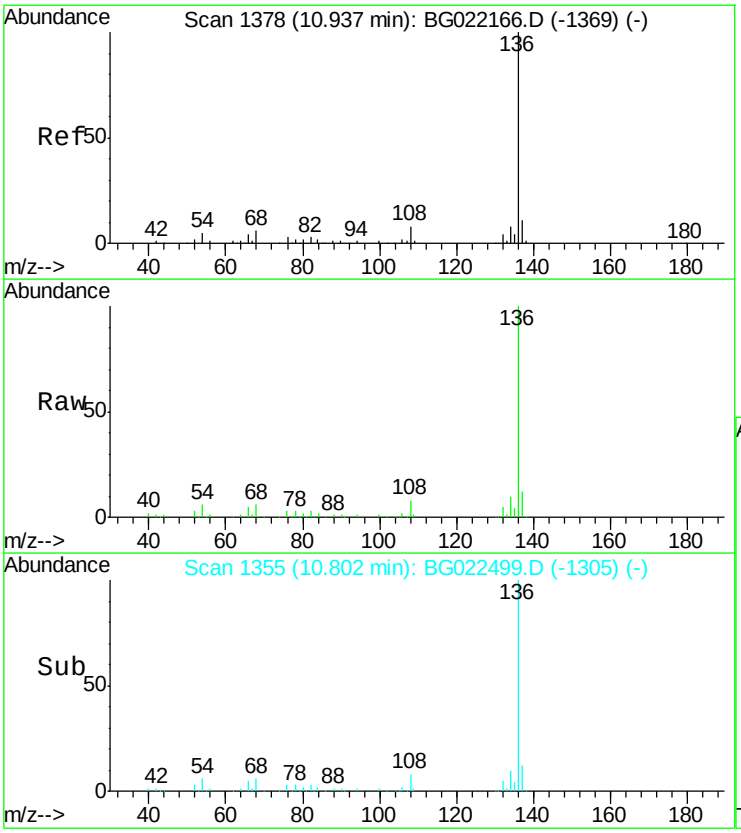
#7
Phenol-d6
Concen: 164.52 ng
RT: 7.17 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion: 99 Resp: 535629

Ion	Ratio	Lower	Upper
99	100		
42	8.6	16.4	24.6#
71	22.4	25.0	37.4#

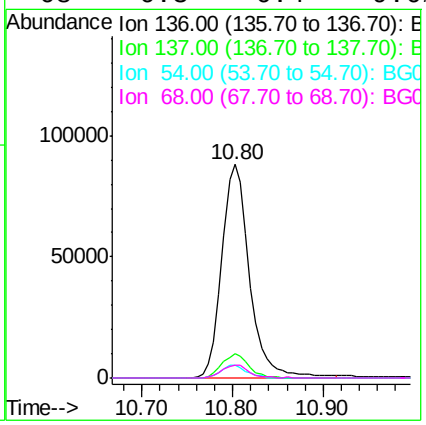


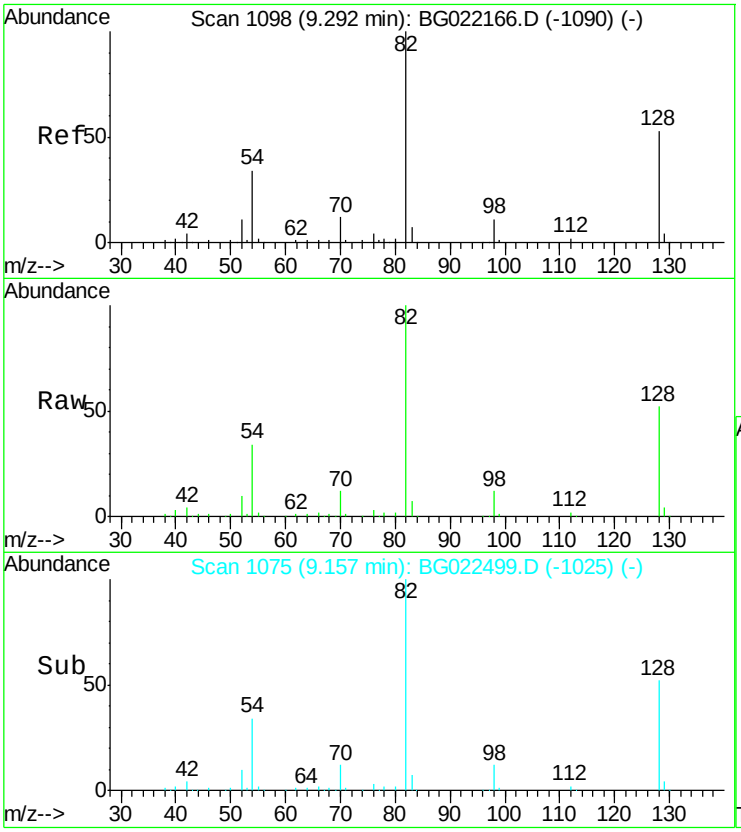


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:136 Resp: 188055

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	6.3	9.6	14.4#
68	6.3	6.4	9.6#



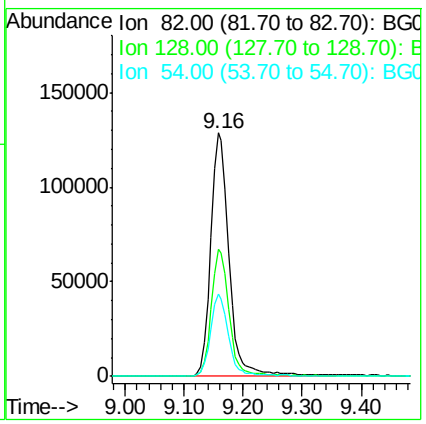


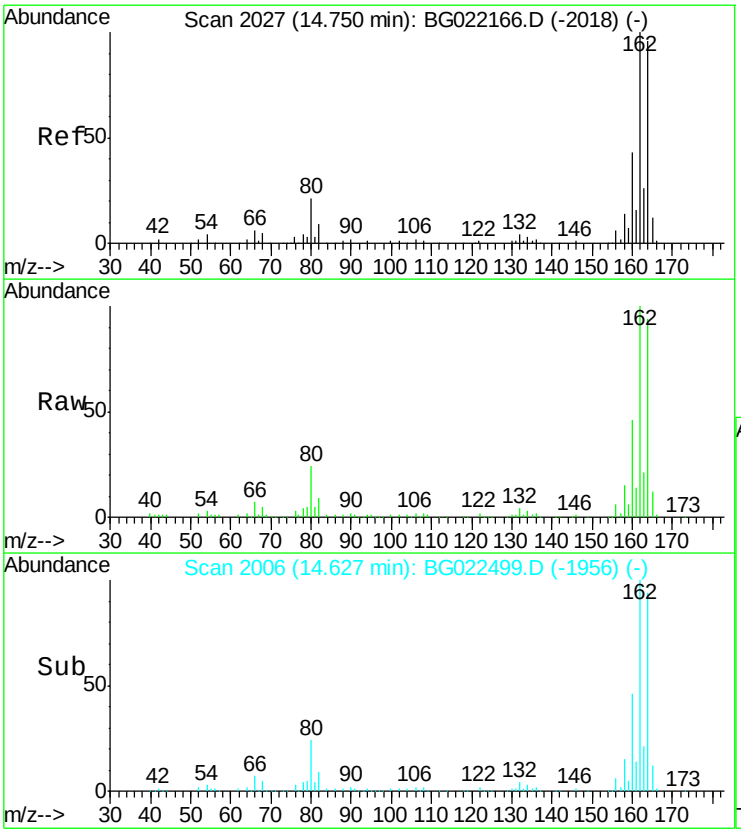
#23
Nitrobenzene-d5
Concen: 103.77 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion: 82 Resp: 279896

Ion	Ratio	Lower	Upper
82	100		
128	52.3	33.4	50.0#
54	33.9	46.1	69.1#

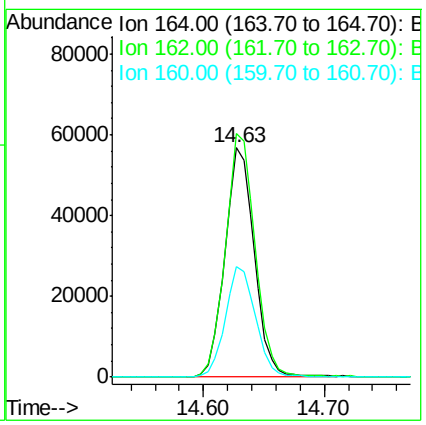


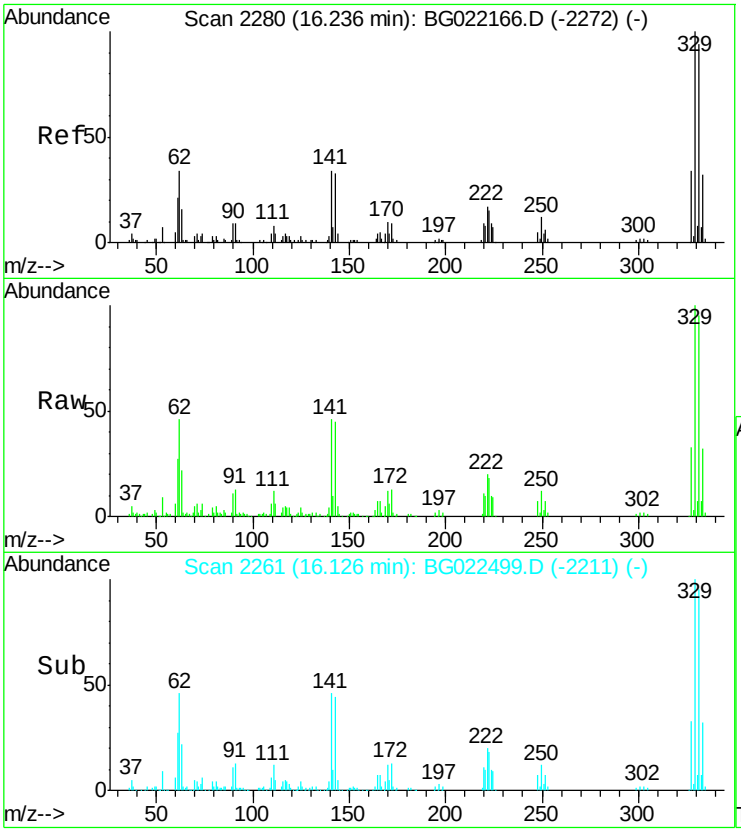


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:164 Resp: 96135

Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.0	117.0
160	48.4	32.9	49.3



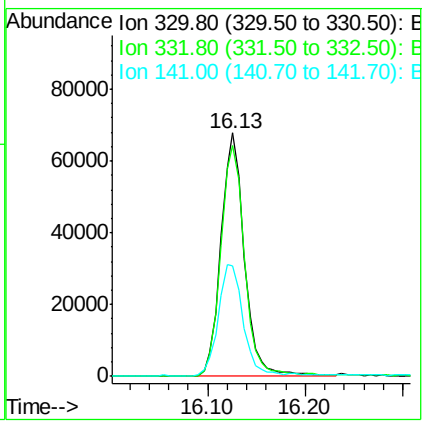


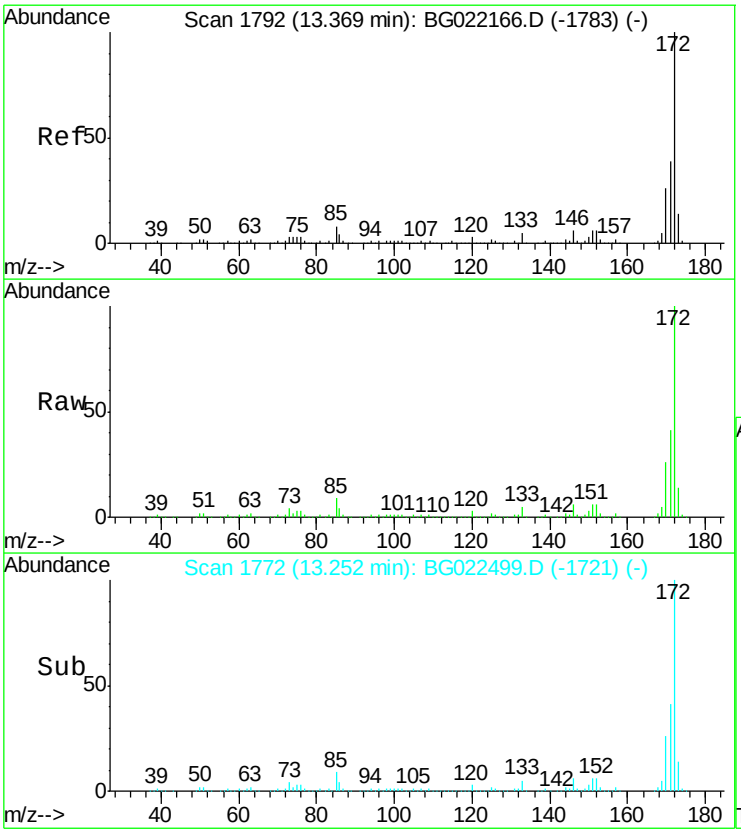
#41
2,4,6-Tribromophenol
Concen: 104.15 ng
RT: 16.13 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion:330 Resp: 113136

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	47.8	33.8	50.8

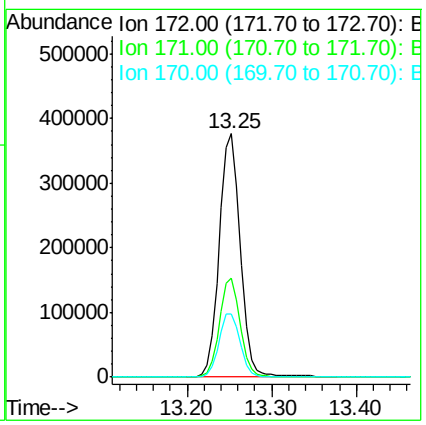


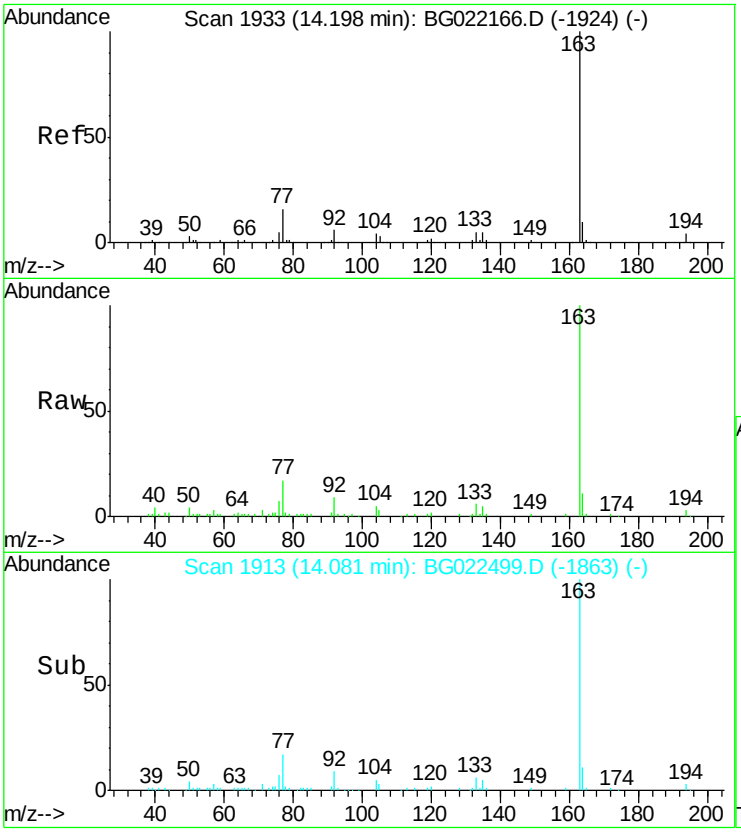


#44
2-Fluorobiphenyl
Concen: 103.57 ng
RT: 13.25 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:172 Resp: 653366

Ion	Ratio	Lower	Upper
172	100		
171	40.5	27.8	41.6
170	26.1	19.6	29.4



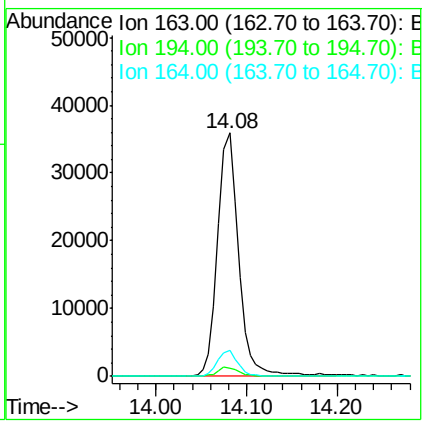


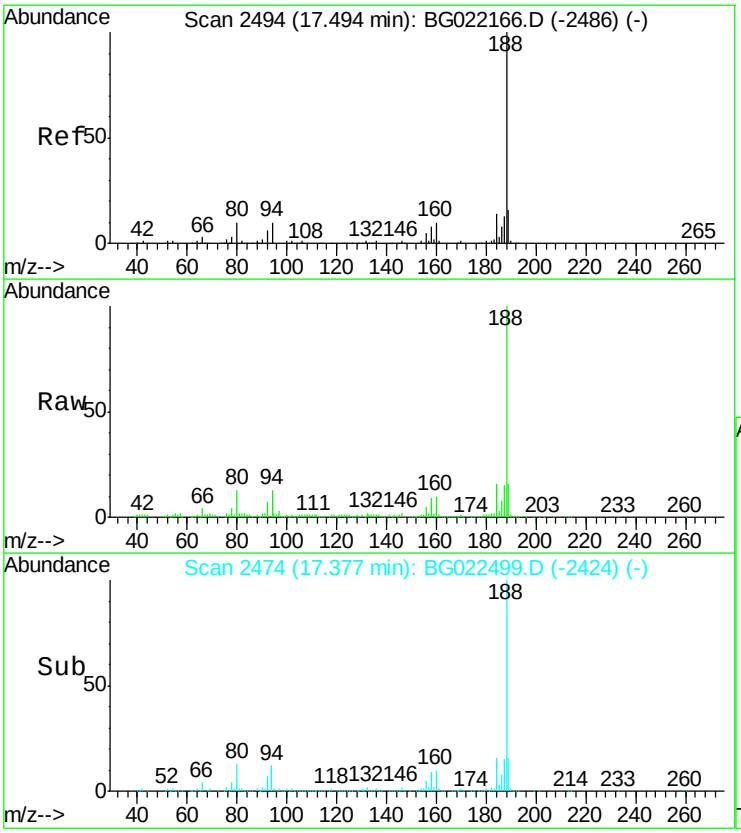
#49
Dimethylphthalate
Concen: 7.30 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion:163 Resp: 58161

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.6
164	10.6	8.1	12.1

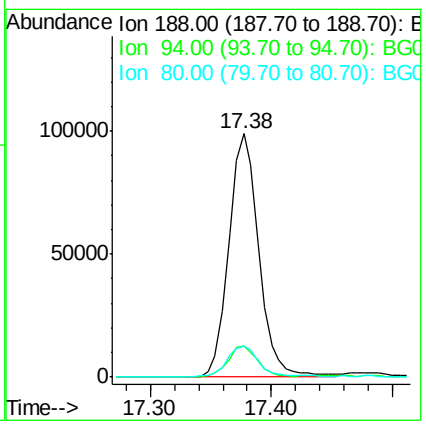


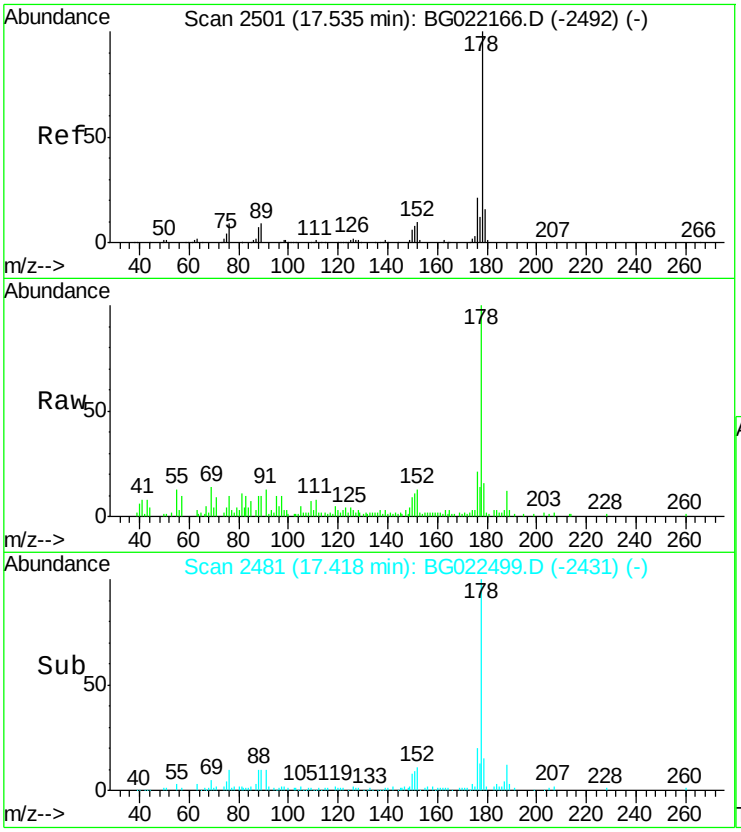


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:188 Resp: 171453

Ion	Ratio	Lower	Upper
188	100		
94	12.6	7.5	11.3#
80	13.0	8.6	13.0#



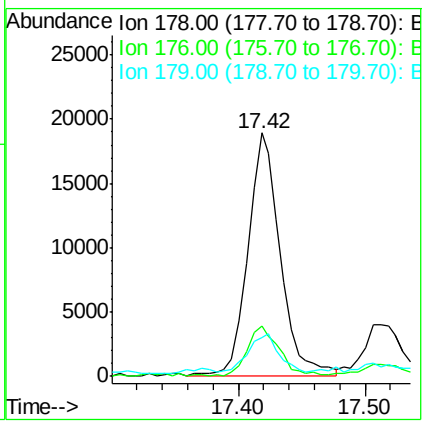


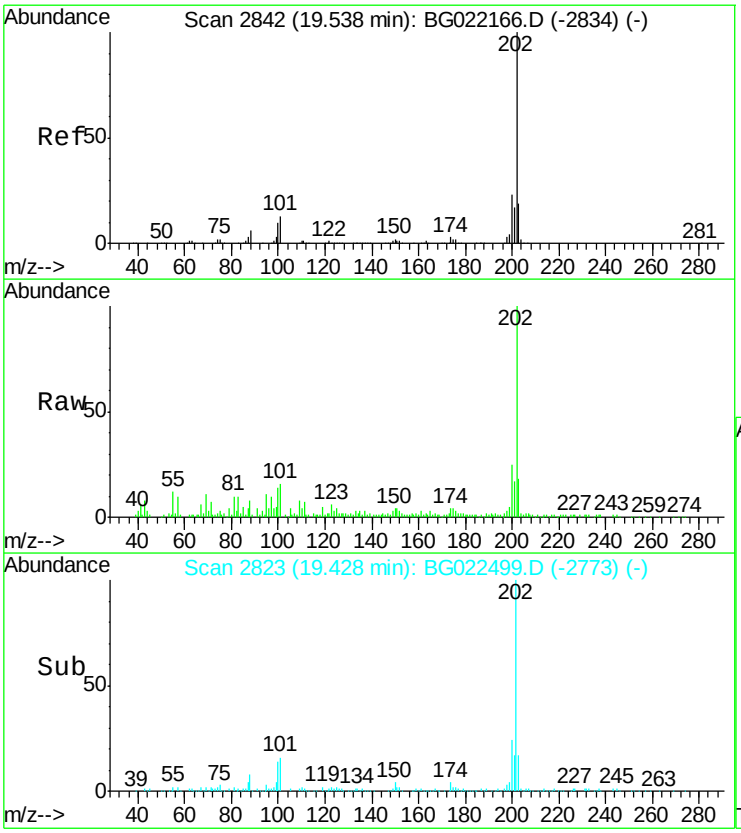
#70
Phenanthrene
Concen: 3.63 ng
RT: 17.42 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion:178 Resp: 33800

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.1	12.0	18.0

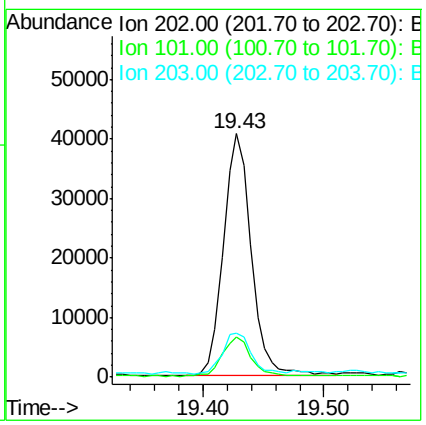


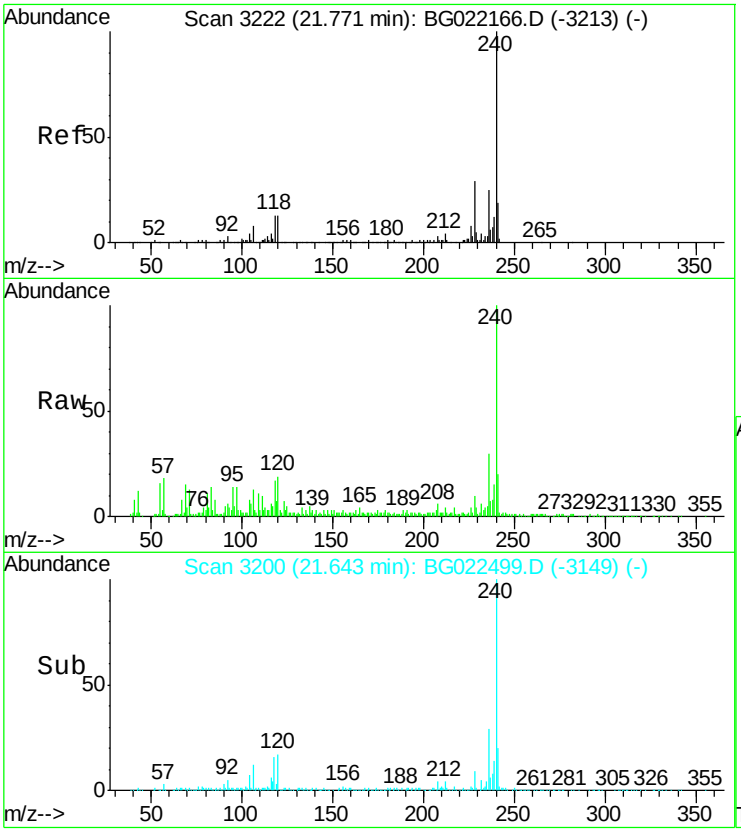


#74
Fluoranthene
Concen: 6.07 ng
RT: 19.43 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:202 Resp: 64982

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	31.0
203	18.1	0.0	37.9



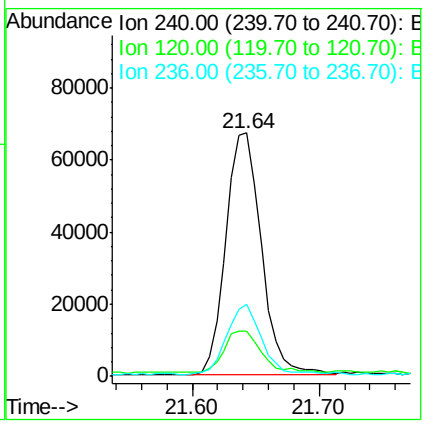


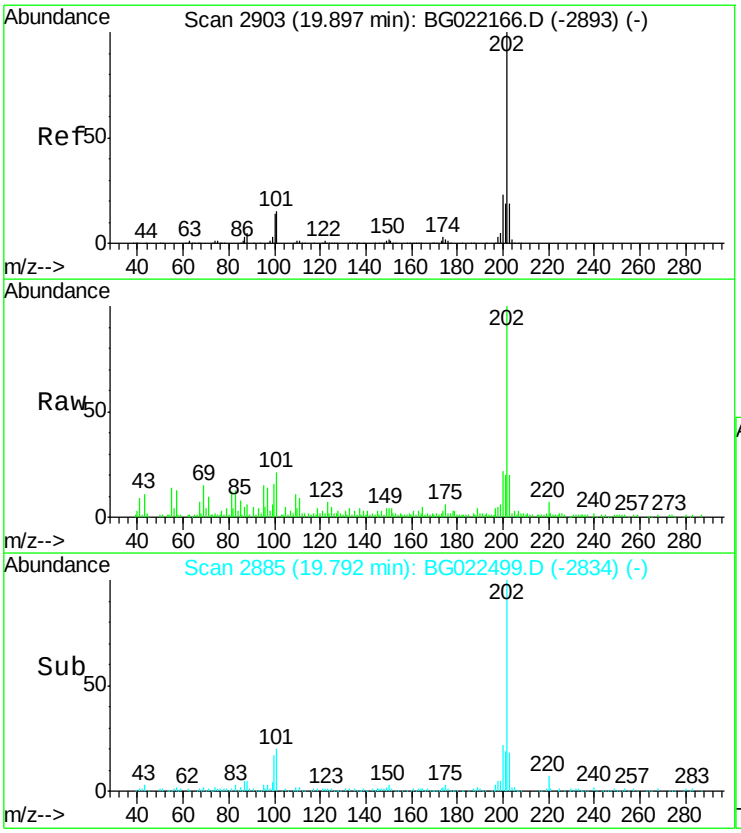
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. 0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion:240 Resp: 130448

Ion	Ratio	Lower	Upper
240	100		
120	18.6	8.4	12.6#
236	29.5	19.6	29.4#

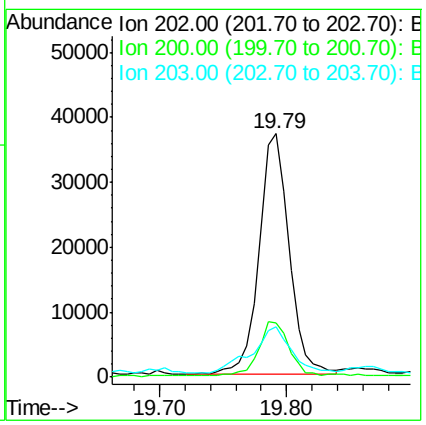


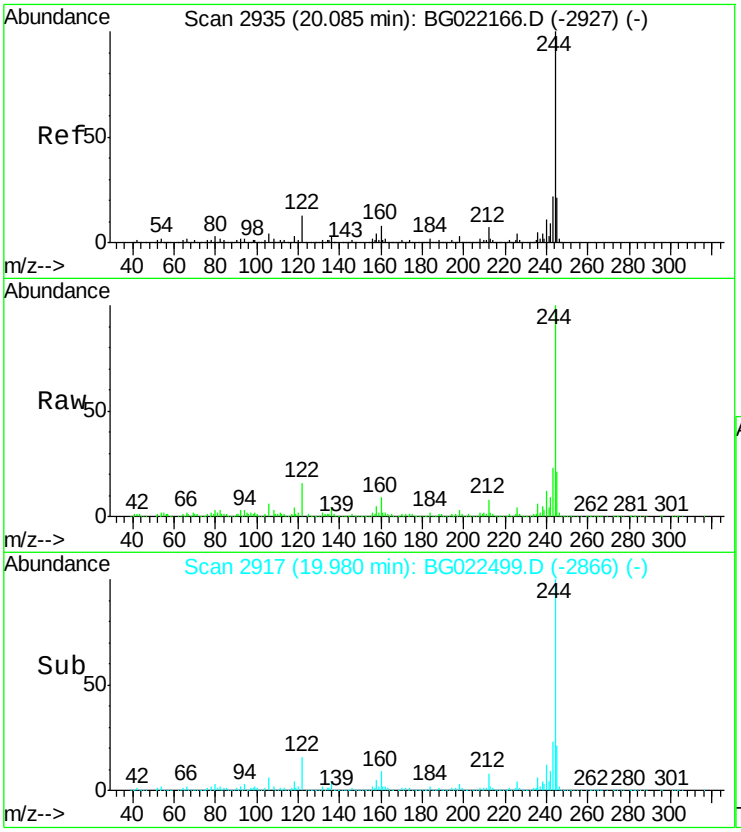


#77
Pyrene
Concen: 7.51 ng
RT: 19.79 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:202 Resp: 60881

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	20.5	15.0	22.4



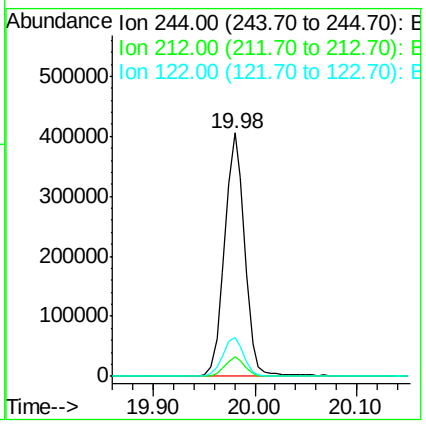


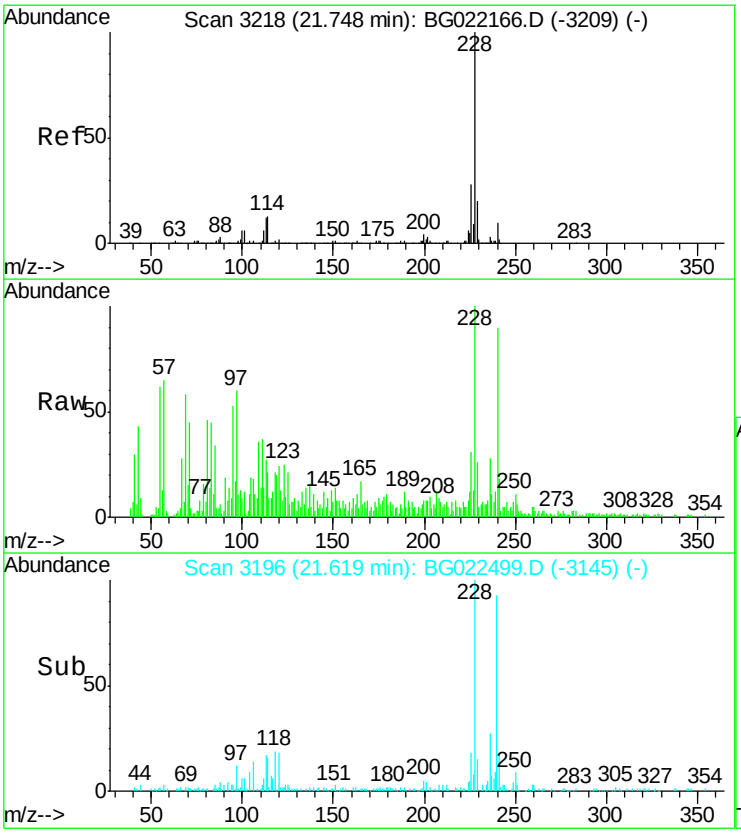
#78
Terphenyl-d14
Concen: 101.71 ng
RT: 19.98 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion:244 Resp: 558886

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	16.2	8.6	12.8#

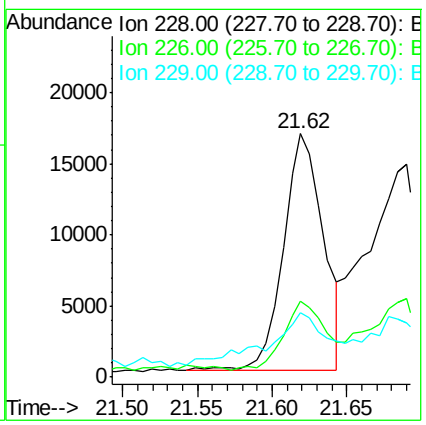


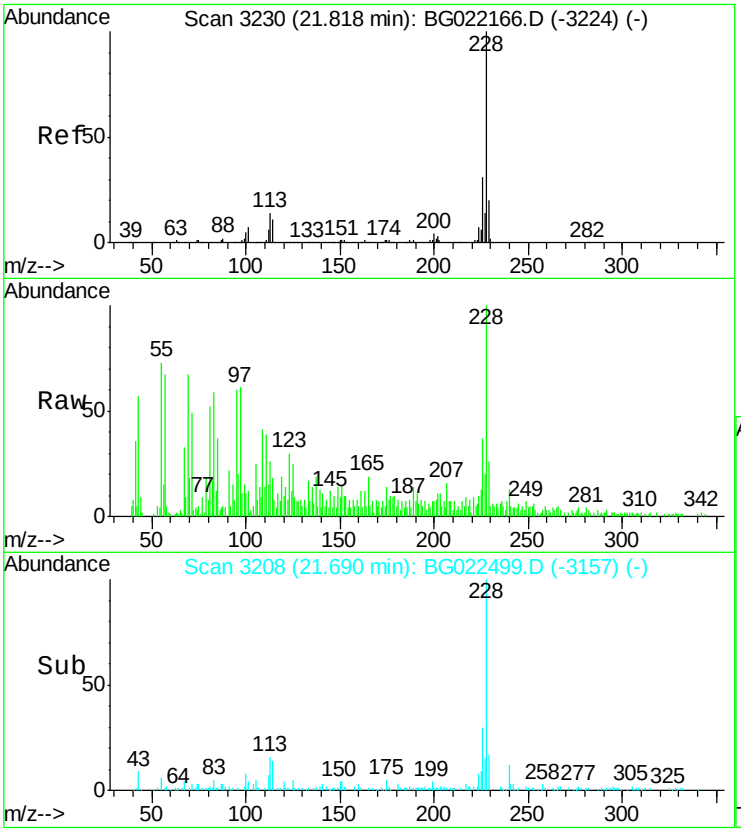


#80
Benzo(a)anthracene
Concen: 4.23 ng
RT: 21.62 min Scan# 3196
Delta R.T. 0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:228 Resp: 30916

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	34.0
229	26.3	16.1	24.1#



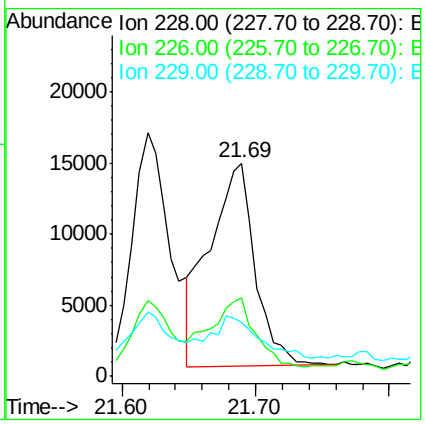


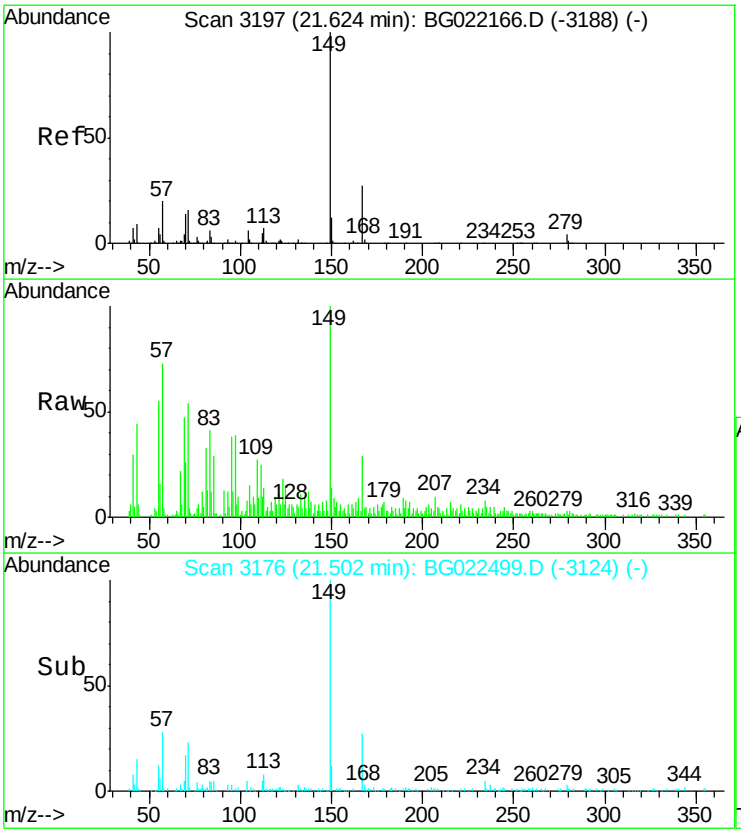
#82
Chrysene
Concen: 4.77 ng
RT: 21.69 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion:228 Resp: 33937

Ion	Ratio	Lower	Upper
228	100		
226	36.6	25.4	38.0
229	25.6	15.9	23.9#

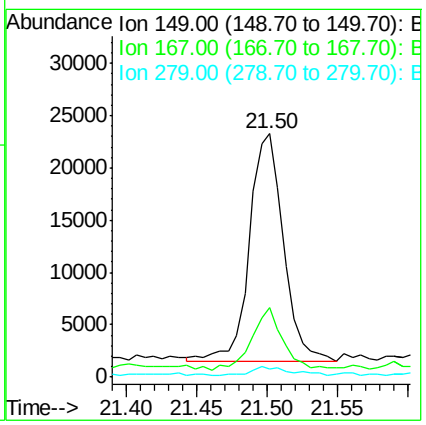


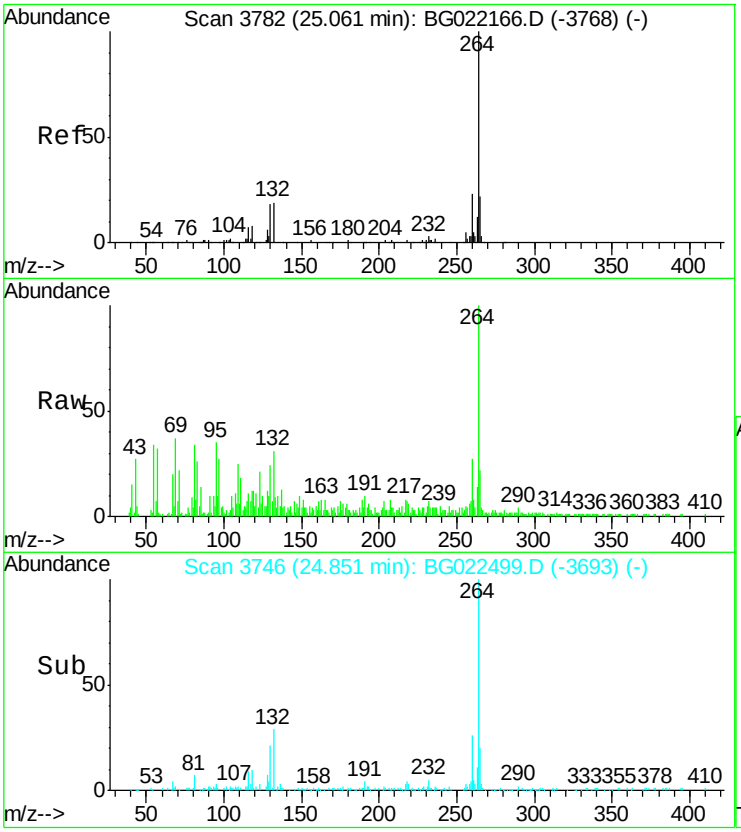


#83
Bis(2-ethylhexyl)phthalate
Concen: 6.70 ng
RT: 21.50 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:149 Resp: 37052

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	3.5	3.2	4.8



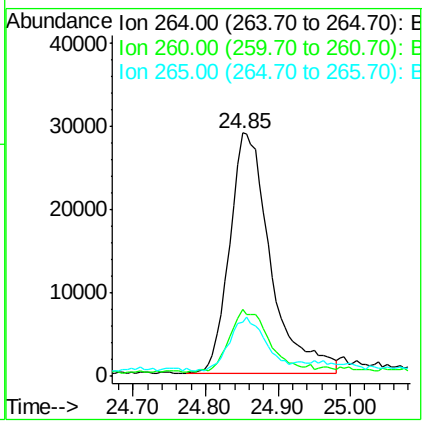


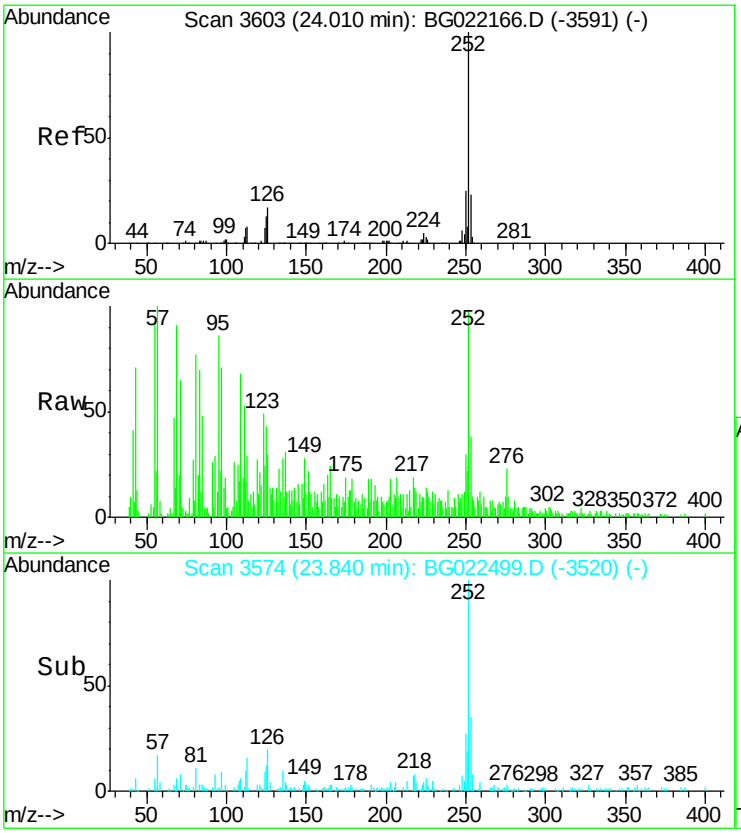
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3746
Delta R.T. 0.01 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion:264 Resp: 113932

Ion	Ratio	Lower	Upper
264	100		
260	27.4	20.2	30.4
265	22.4	17.8	26.8

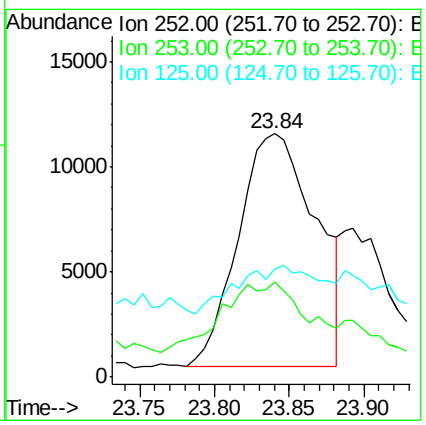


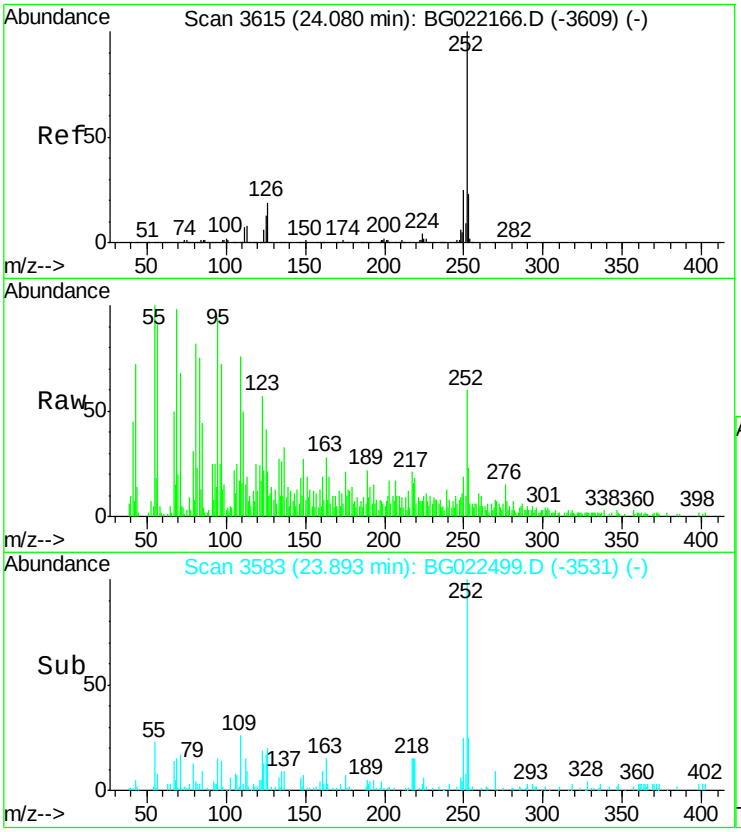


#87
Benzo(b)fluoranthene
Concen: 6.00 ng
RT: 23.84 min Scan# 3574
Delta R.T. 0.02 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Tgt Ion:252 Resp: 39869

Ion	Ratio	Lower	Upper
252	100		
253	39.0	17.5	26.3#
125	44.2	8.6	13.0#





#88
Benzo(k)fluoranthene
Concen: 2.62 ng m
RT: 23.89 min Scan# 3583
Delta R.T. 0.01 min
Lab File: BG022499.D
Acq: 22 Jun 2016 14:49

Instrument :
BNA_G
ClientSampleId :
S5-B1(0-5)CRE

Tgt Ion:252 Resp: 17170

Ion	Ratio	Lower	Upper
252	100		
253	38.5	17.8	26.8#
125	68.2	8.3	12.5#