Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023146.D
Acq On : 16 Jul 2016 14:20
Operator : UM/SJ
Sample : H4017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-13

Quant Time: Jul 18 01:20:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	101036	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	468752	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	343057	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	804694	20.00	ng		-0.01
75) Chrysene-d12	21.85	240	866512	20.00	ng		0.00
86) Perylene-d12	25.22	264	874660	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	700508	113.39	ng		0.00
7) Phenol-d6	7.31	99	1100960	113.79	ng		0.00
23) Nitrobenzene-d5	9.32	82	801802	73.24	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	539533	87.51	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1532383	70.36	ng		0.00
78) Terphenyl-d14	20.15	244	2057316	70.55	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.24	163	512254	18.28	ng		98
74) Fluoranthene	19.60	202	100087	2.07	ng		98
87) Benzo(b)fluoranthene	24.15	252	115538	2.29	ng	#	99
88) Benzo(k)fluoranthene	24.15	252	115538	2.41	ng	#	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023146.D
Acq On : 16 Jul 2016 14:20
Operator : UM/SJ
Sample : H4017-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C5-13

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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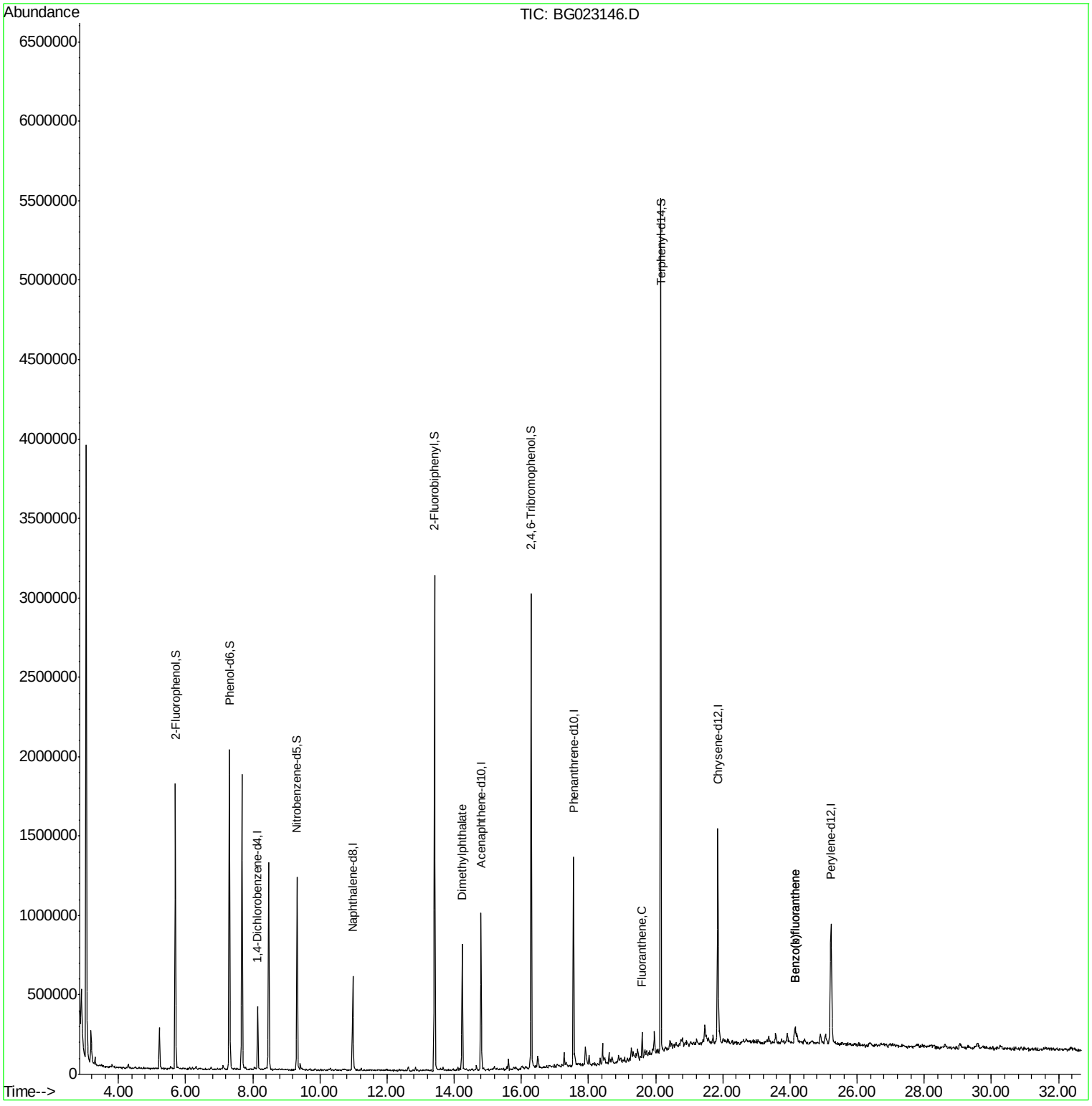
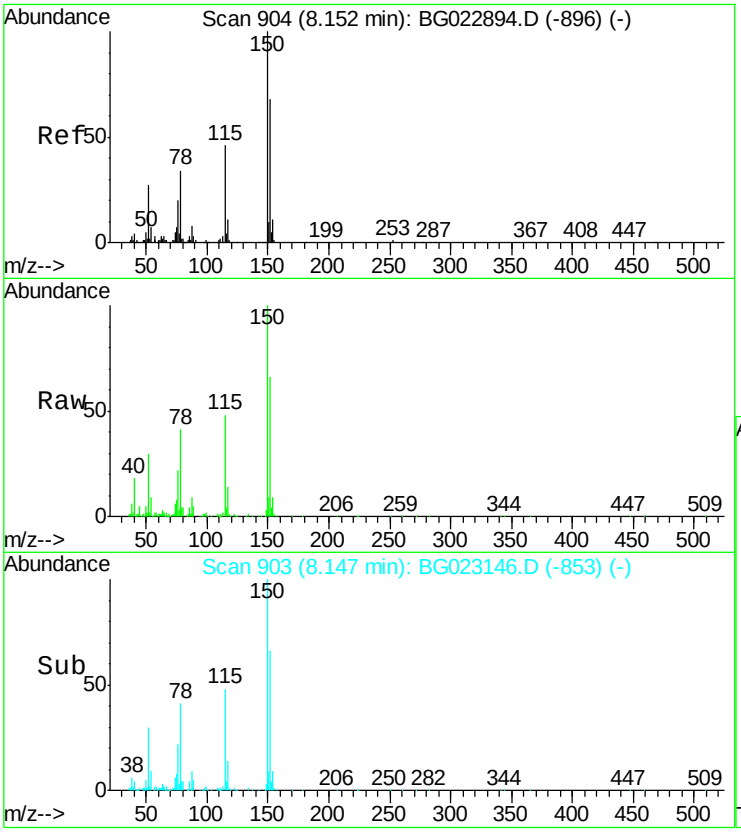


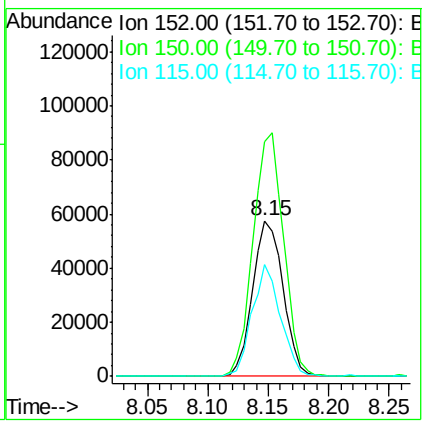


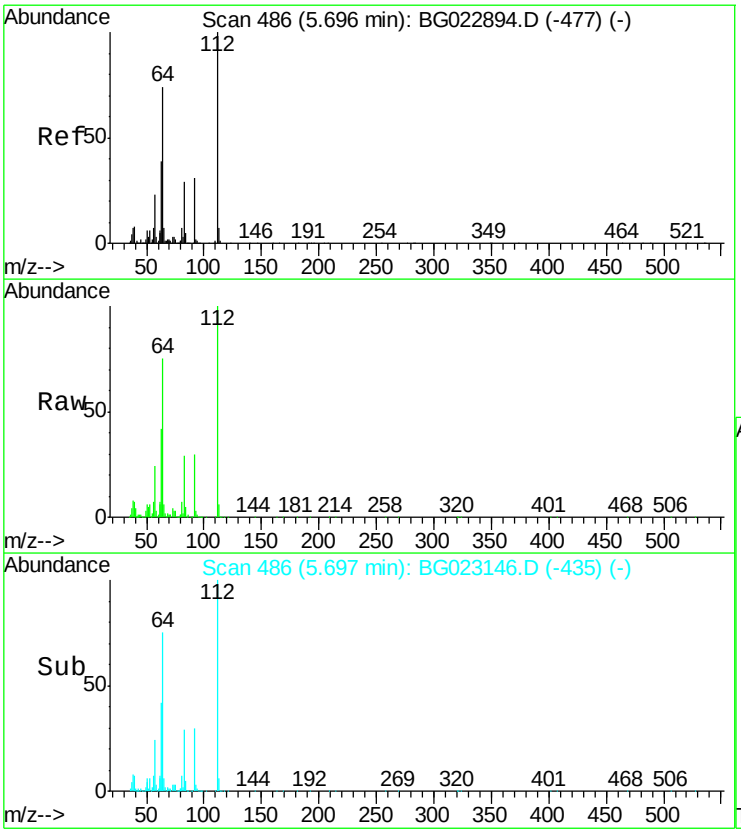
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Instrument :
BNA_G
ClientSampleId :
C5-13

Tgt Ion:152 Resp: 101036

Ion	Ratio	Lower	Upper
152	100		
150	151.0	144.7	217.1
115	72.2	64.0	96.0

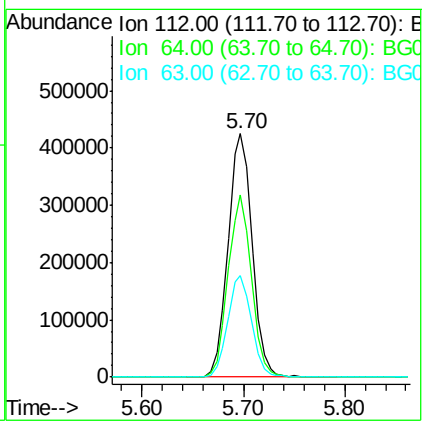


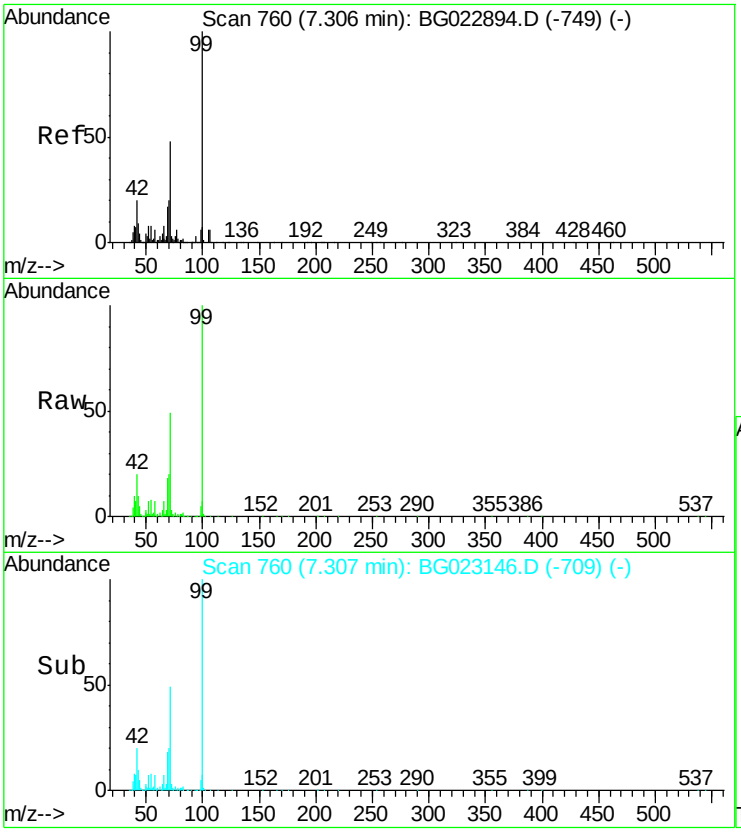


#5
2-Fluorophenol
Concen: 113.39 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Tgt Ion:112 Resp: 700508

Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	41.8	37.8	56.8



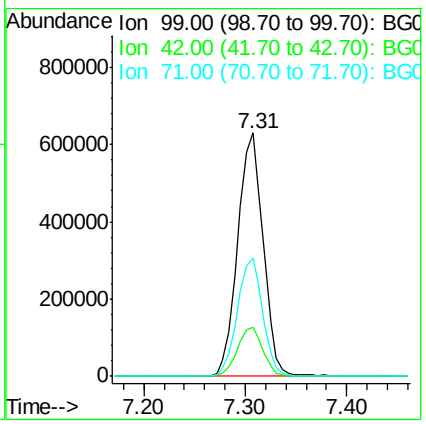


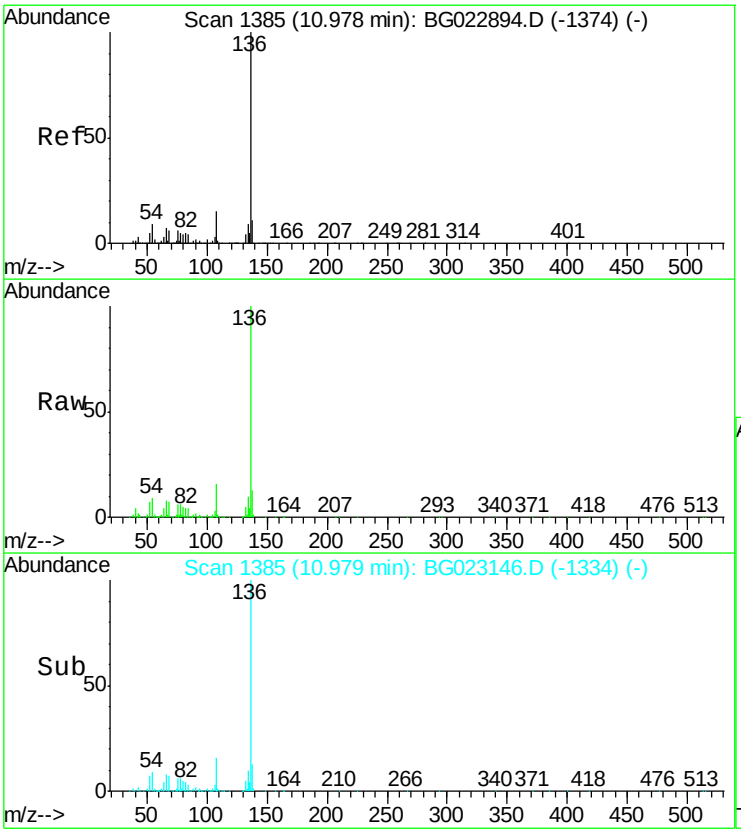
#7
Phenol-d6
Concen: 113.79 ng
RT: 7.31 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Instrument :
BNA_G
ClientSampleId :
C5-13

Tgt Ion: 99 Resp: 1100960

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.8	26.6
71	48.7	41.5	62.3

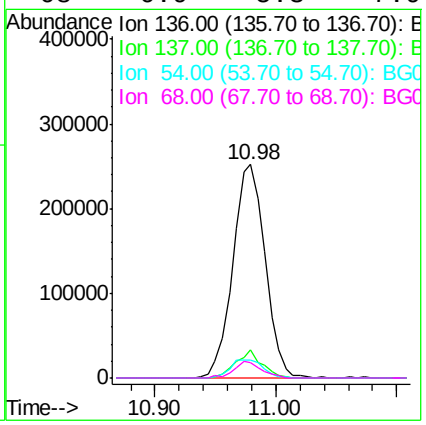


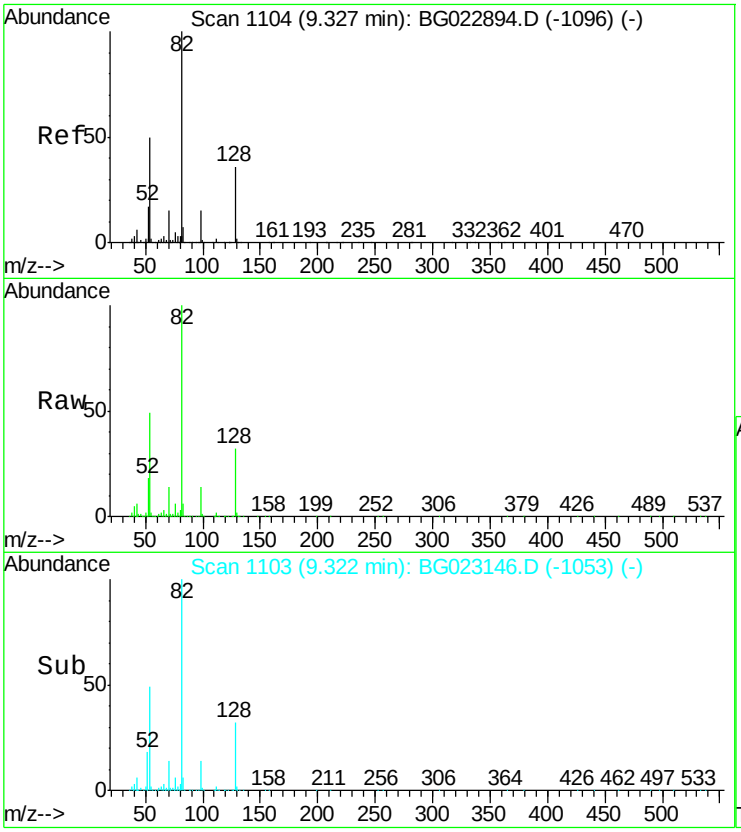


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Tgt Ion:136 Resp: 468752

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.6	14.4
54	8.7	7.3	10.9
68	6.9	5.3	7.9



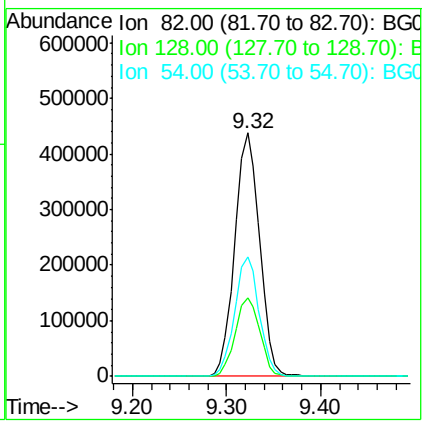


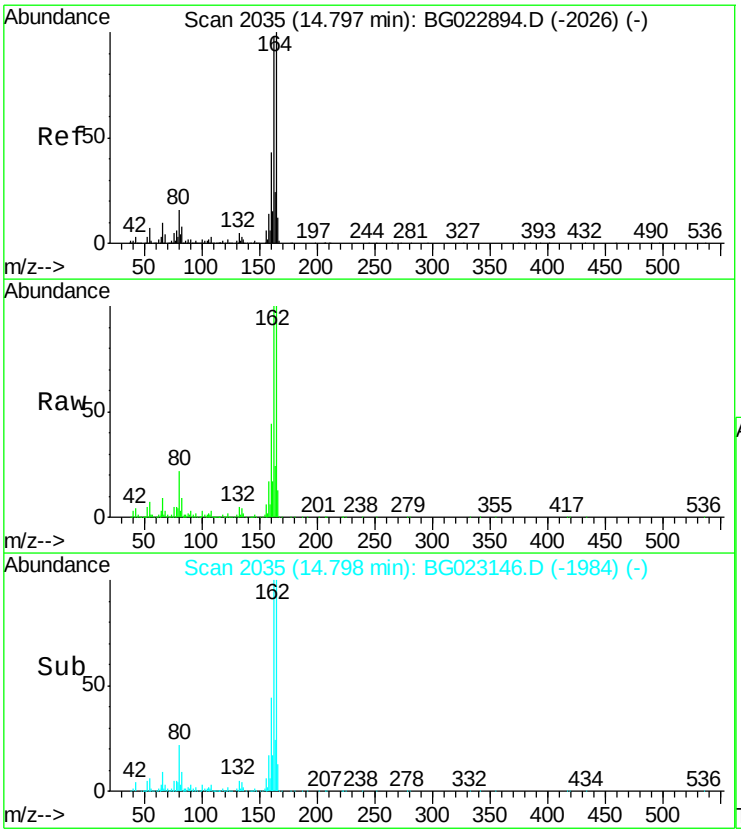
#23
Nitrobenzene-d5
Concen: 73.24 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Instrument :
BNA_G
ClientSampleId :
C5-13

Tgt Ion: 82 Resp: 801802

Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	49.2	41.4	62.0

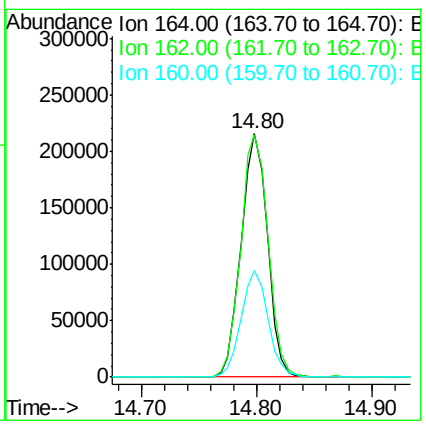


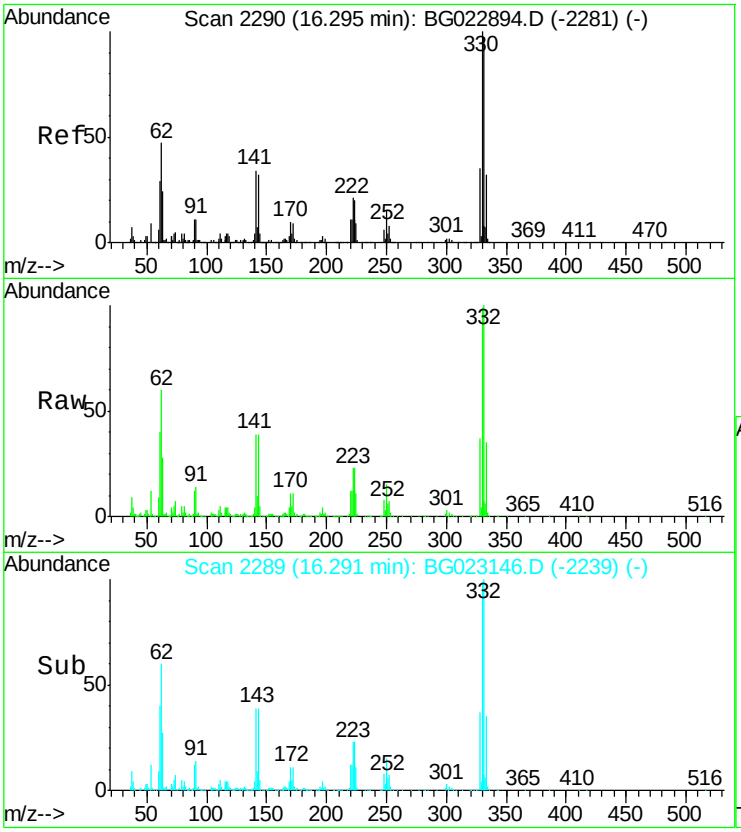


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Tgt Ion:164 Resp: 343057

Ion	Ratio	Lower	Upper
164	100		
162	99.8	87.7	131.5
160	44.0	37.2	55.8



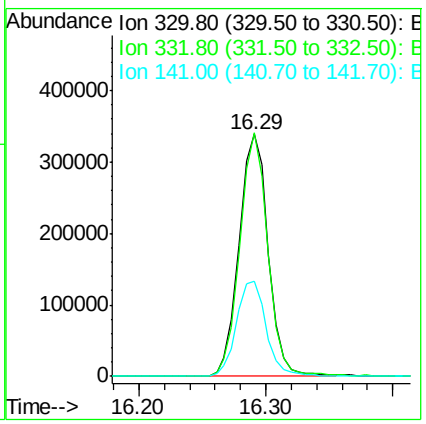


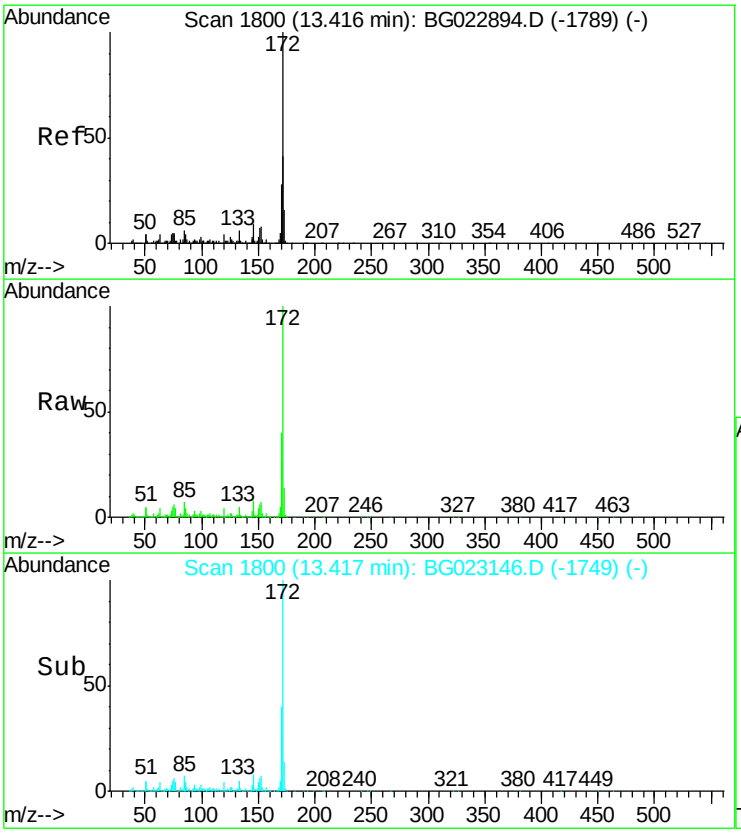
#41
2,4,6-Tribromophenol
Concen: 87.51 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Instrument :
BNA_G
ClientSampleId :
C5-13

Tgt Ion:330 Resp: 539533

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	39.9	31.7	47.5

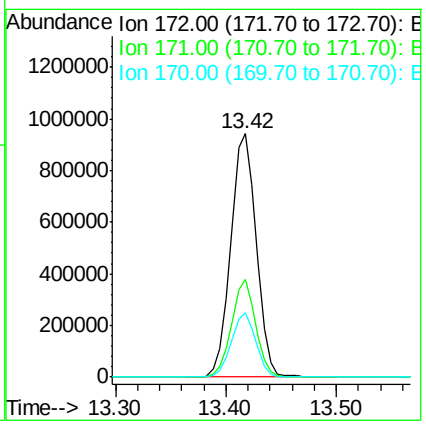


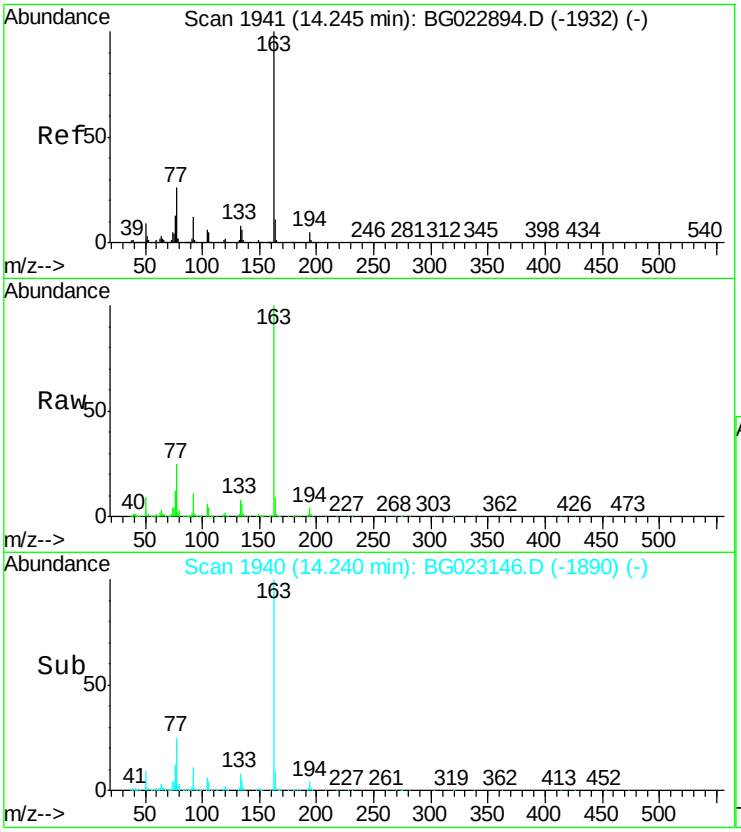


#44
2-Fluorobiphenyl
Concen: 70.36 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Tgt Ion:172 Resp: 1532383

Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.6	47.4
170	26.2	21.3	31.9



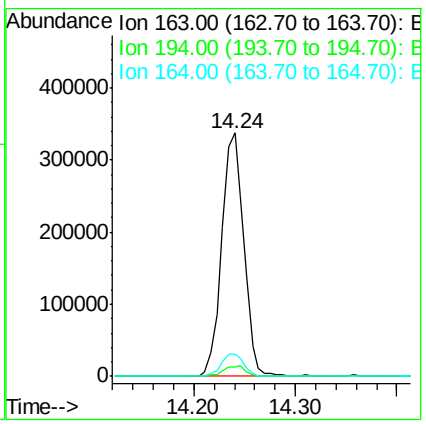


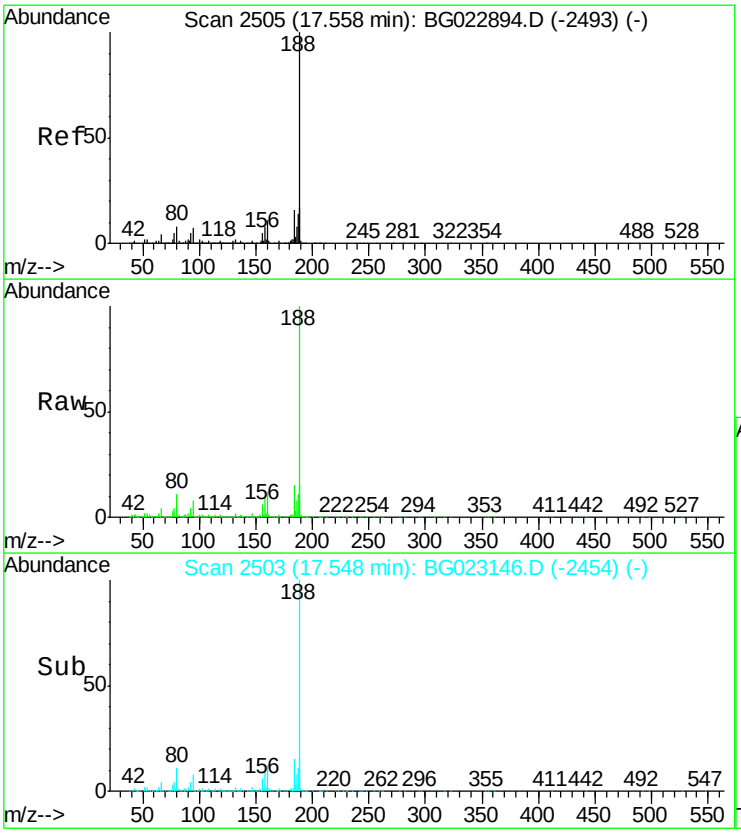
#49
Dimethylphthalate
Concen: 18.28 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Instrument :
BNA_G
ClientSampleId :
C5-13

Tgt Ion:163 Resp: 512254

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.1	8.1	12.1

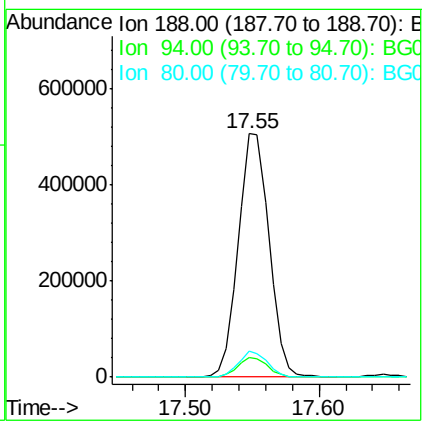


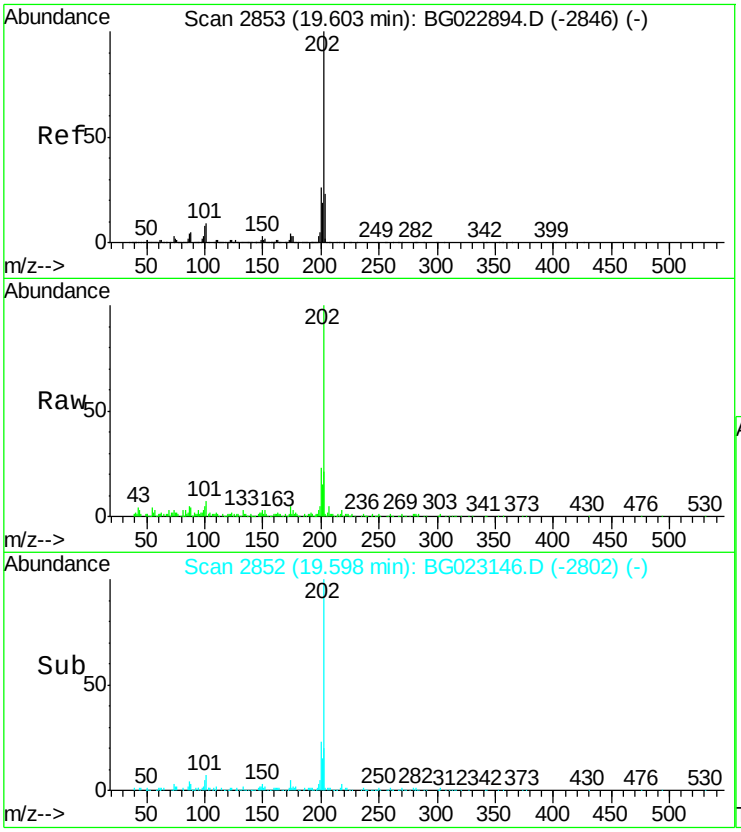


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Tgt Ion:188 Resp: 804694

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.2	7.8#
80	10.7	7.2	10.8



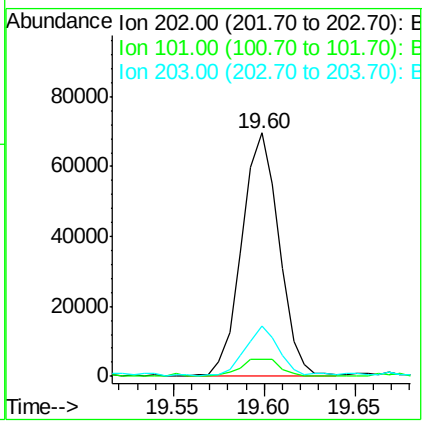


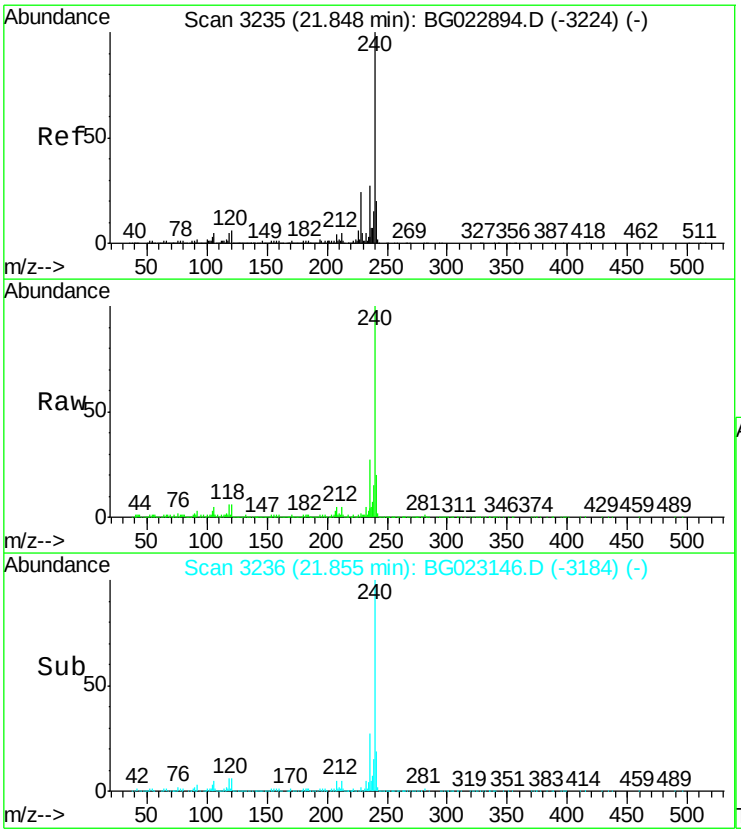
#74
Fluoranthene
Concen: 2.07 ng
RT: 19.60 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Instrument :
BNA_G
ClientSampleId :
C5-13

Tgt Ion:202 Resp: 100087

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.4
203	20.9	1.7	41.7

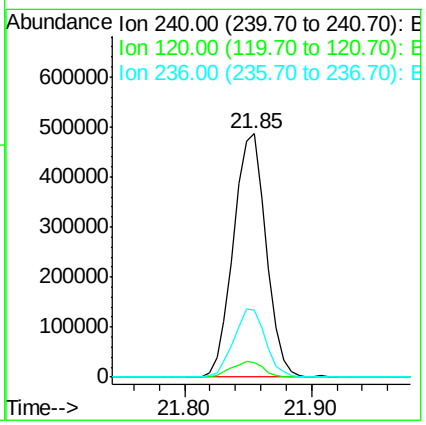


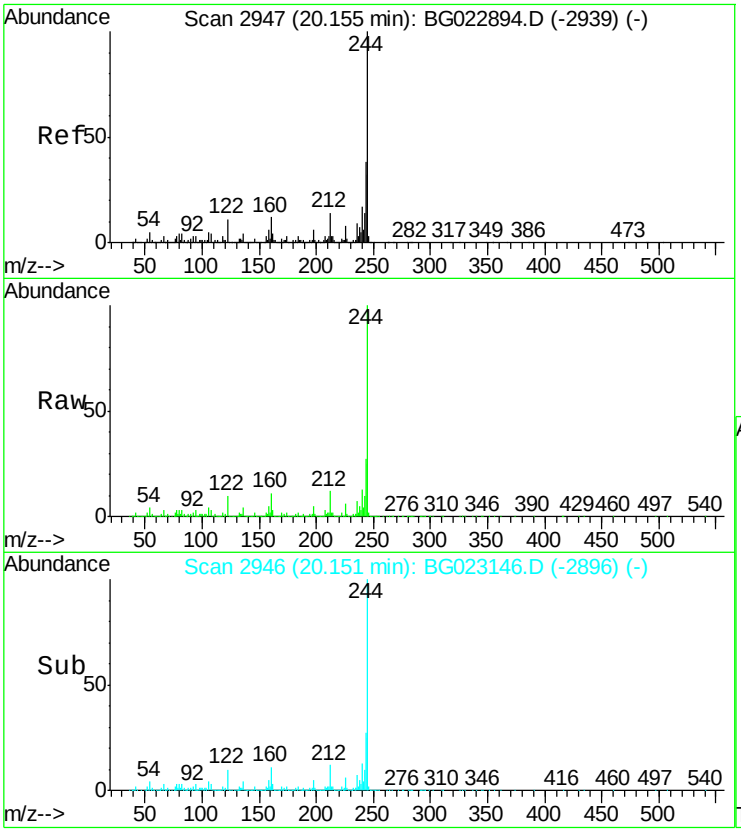


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Tgt Ion:240 Resp: 866512

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.1	6.1
236	27.5	21.1	31.7



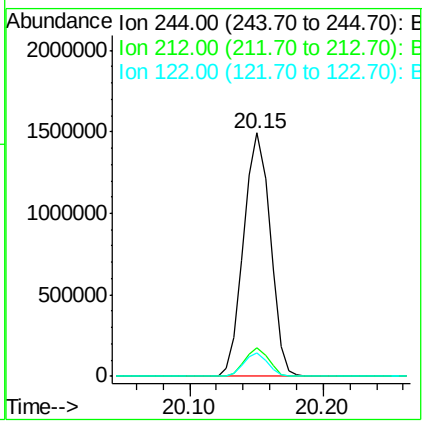


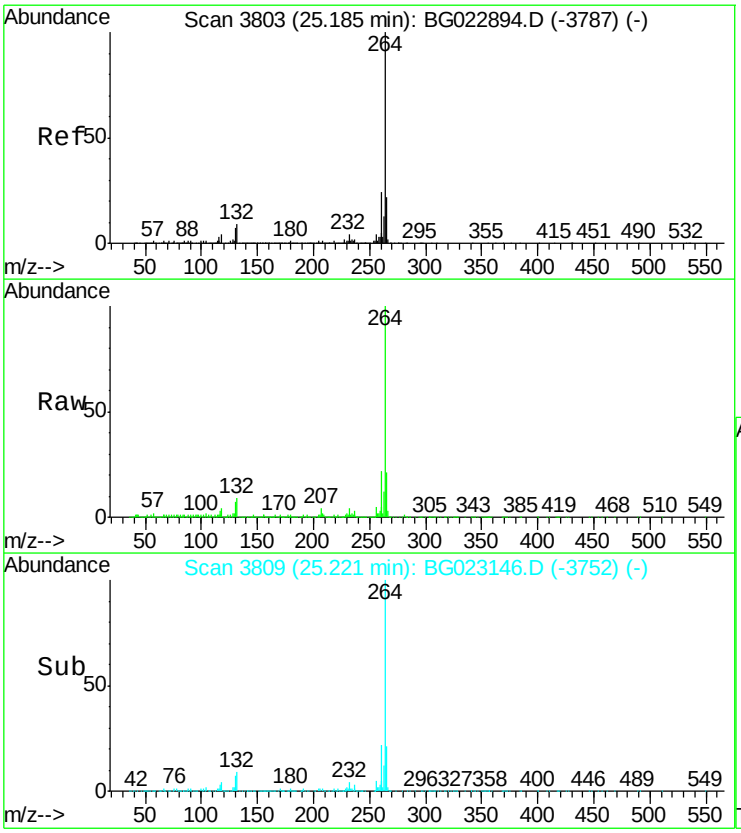
#78
Terphenyl-d14
Concen: 70.55 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Instrument :
BNA_G
ClientSampleId :
C5-13

Tgt Ion:244 Resp: 2057316

Ion	Ratio	Lower	Upper
244	100		
212	11.8	10.8	16.2
122	9.6	8.0	12.0

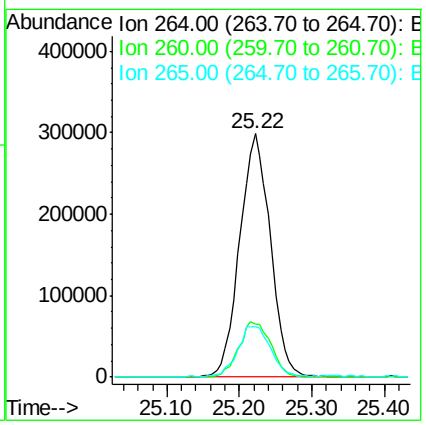


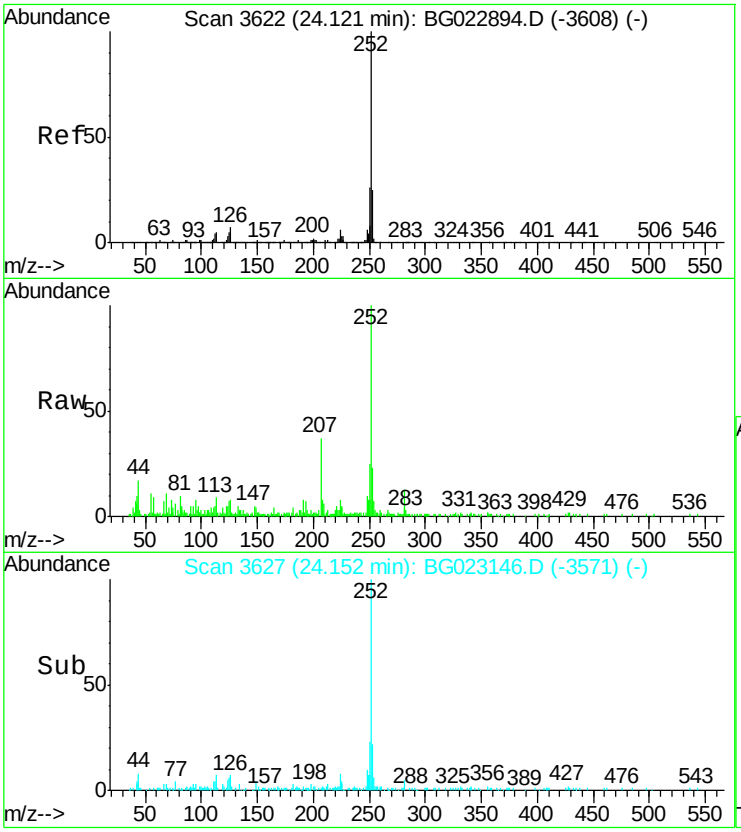


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3809
Delta R.T. 0.04 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Tgt Ion:264 Resp: 874660

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	20.7	18.9	28.3



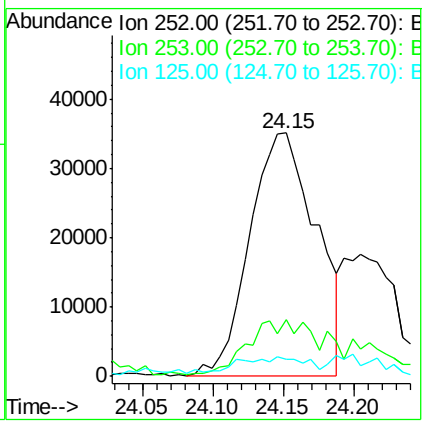


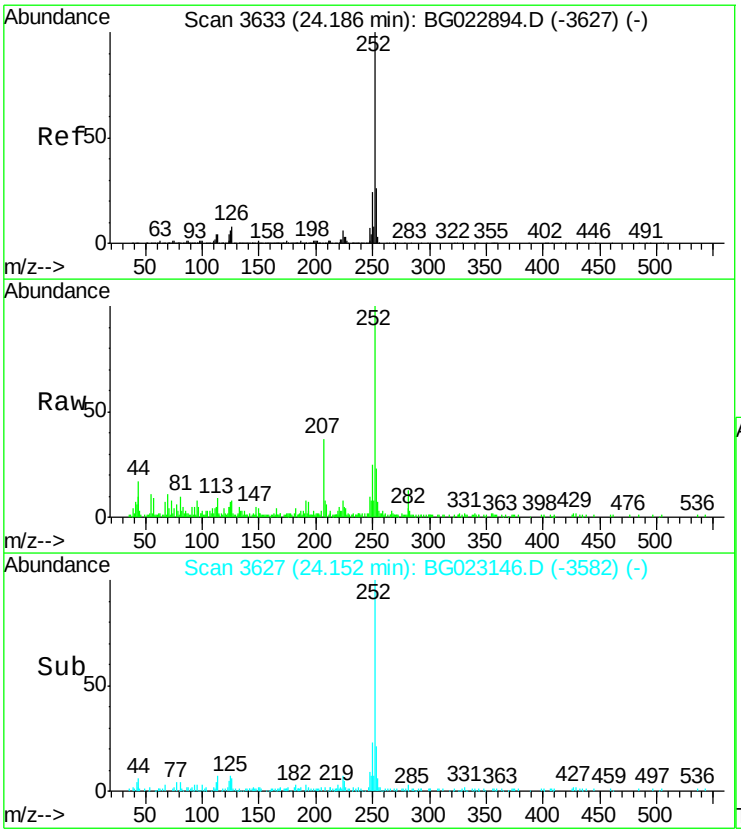
#87
Benzo(b)fluoranthene
Concen: 2.29 ng
RT: 24.15 min Scan# 3627
Delta R.T. 0.03 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Instrument :
BNA_G
ClientSampleId :
C5-13

Tgt Ion:252 Resp: 115538

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	6.8	3.9	5.9#





#88
Benzo(k)fluoranthene
Concen: 2.41 ng
RT: 24.15 min Scan# 3627
Delta R.T. -0.03 min
Lab File: BG023146.D
Acq: 16 Jul 2016 14:20

Tgt Ion:252 Resp: 115538

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	6.8	3.2	4.8#