Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024055.D
Acq On : 21 Sep 2016 15:09
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Time: Sep 21 15:49:48 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59589	20.00	ng	-0.05
21) Naphthalene-d8	10.88	136	273645	20.00	ng	-0.05
38) Acenaphthene-d10	14.72	164	211899	20.00	ng	-0.05
63) Phenanthrene-d10	17.49	188	413033	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	427574	20.00	ng	-0.05
86) Perylene-d12	25.14	264	426898	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	274894	80.99	ng	-0.05
7) Phenol-d6	7.22	99	536994	102.78	ng	-0.05
23) Nitrobenzene-d5	9.23	82	461132	75.23	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	153495	40.21	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	937320	63.42	ng	-0.04
78) Terphenyl-d14	20.10	244	1265493	67.40	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.17	163	216323	11.91	ng	# 99
74) Fluoranthene	19.55	202	55075	2.13	ng	92
77) Pyrene	19.91	202	58339	2.22	ng	94

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

Quantitation Report (LSC Reviewed)

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Acq On : 21 Sep 2016 15:09
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Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

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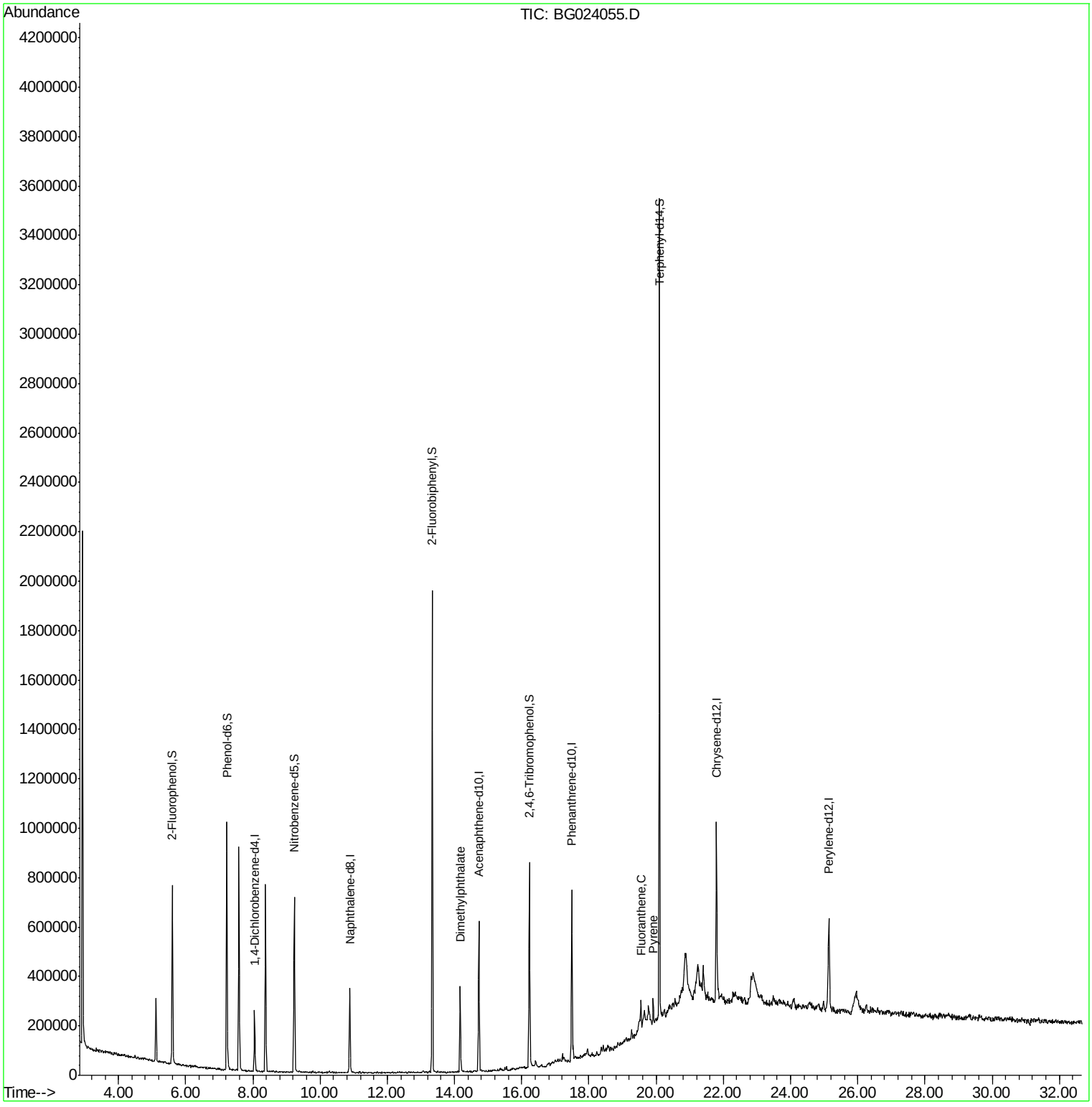
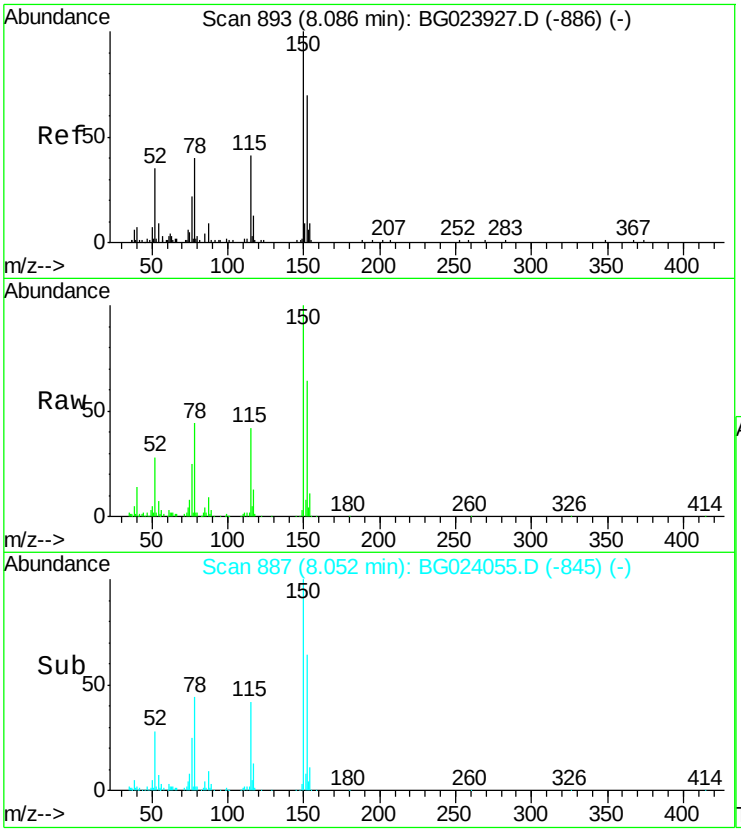


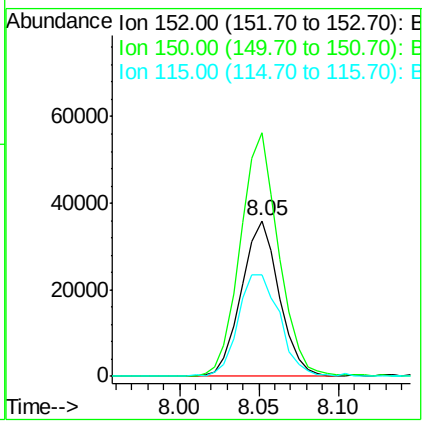


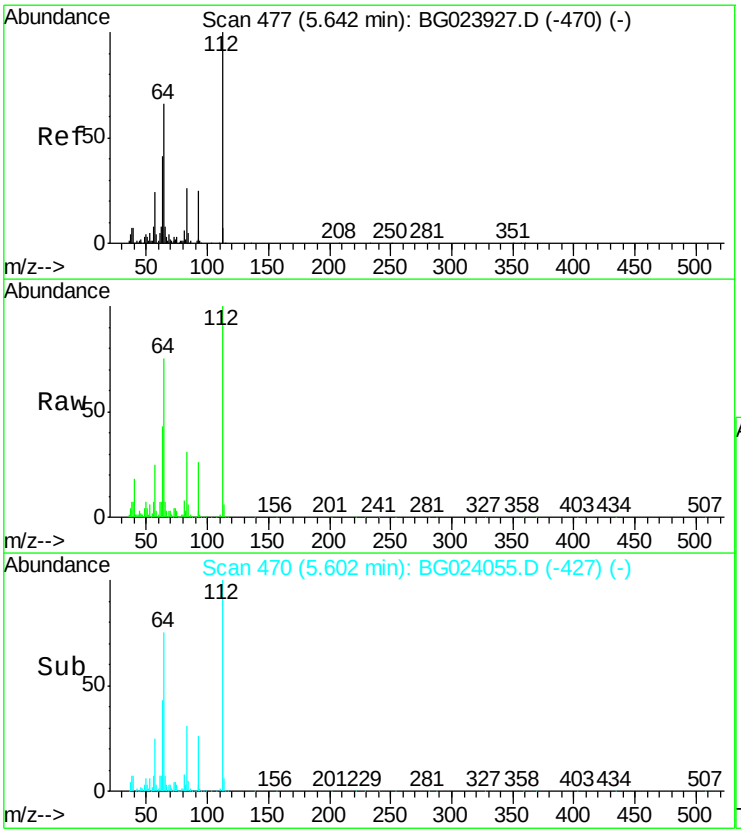
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.05 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:152 Resp: 59589

Ion	Ratio	Lower	Upper
152	100		
150	156.2	144.7	217.1
115	65.0	64.0	96.0

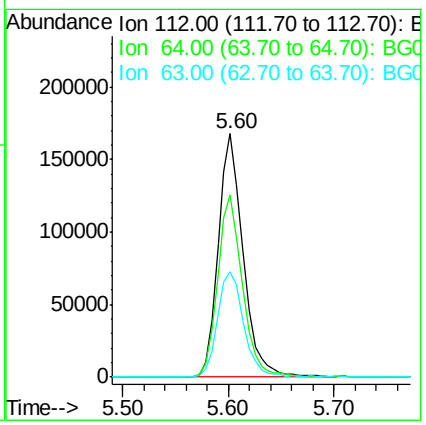


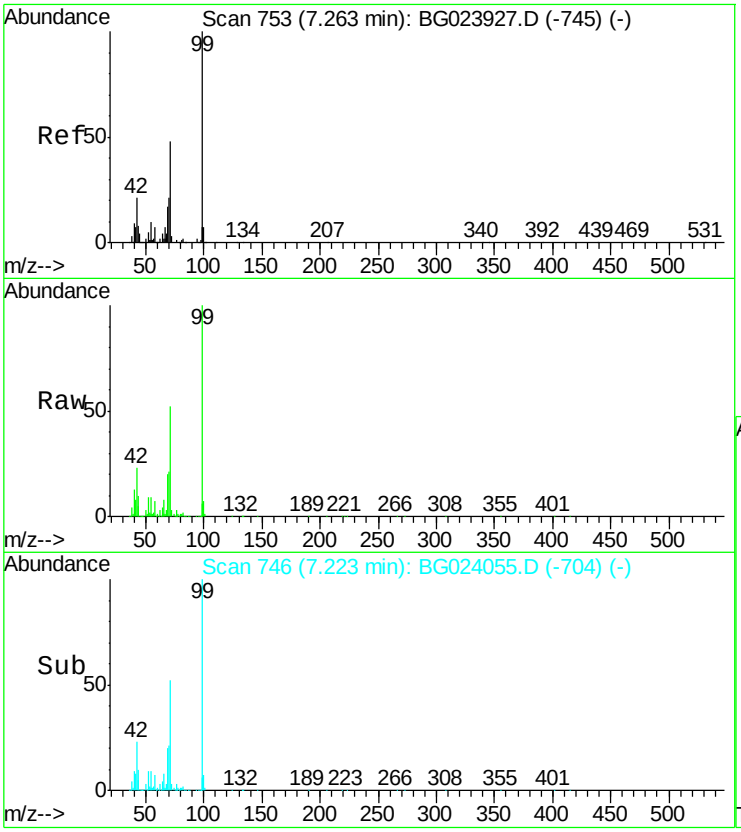


#5
2-Fluorophenol
Concen: 80.99 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.05 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Tgt Ion:112 Resp: 274894

Ion	Ratio	Lower	Upper
112	100		
64	75.0	59.0	88.4
63	43.1	37.8	56.8



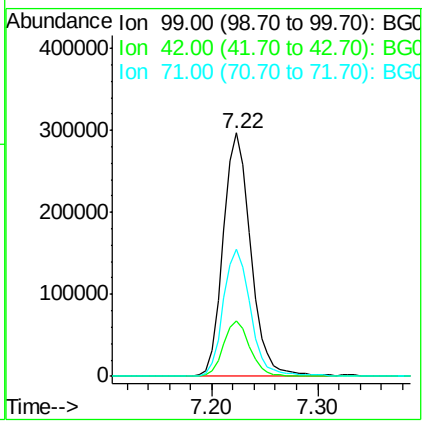


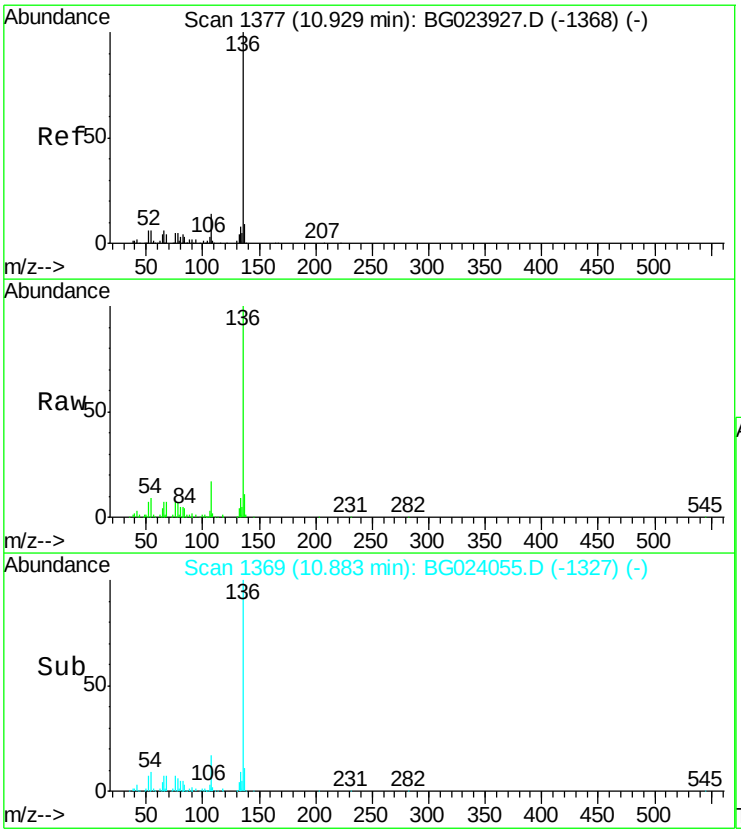
#7
Phenol-d6
Concen: 102.78 ng
RT: 7.22 min Scan# 746
Delta R.T. -0.05 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion: 99 Resp: 536994

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.8	26.6
71	52.3	41.5	62.3

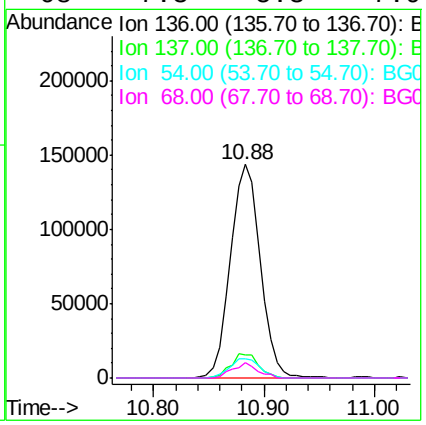


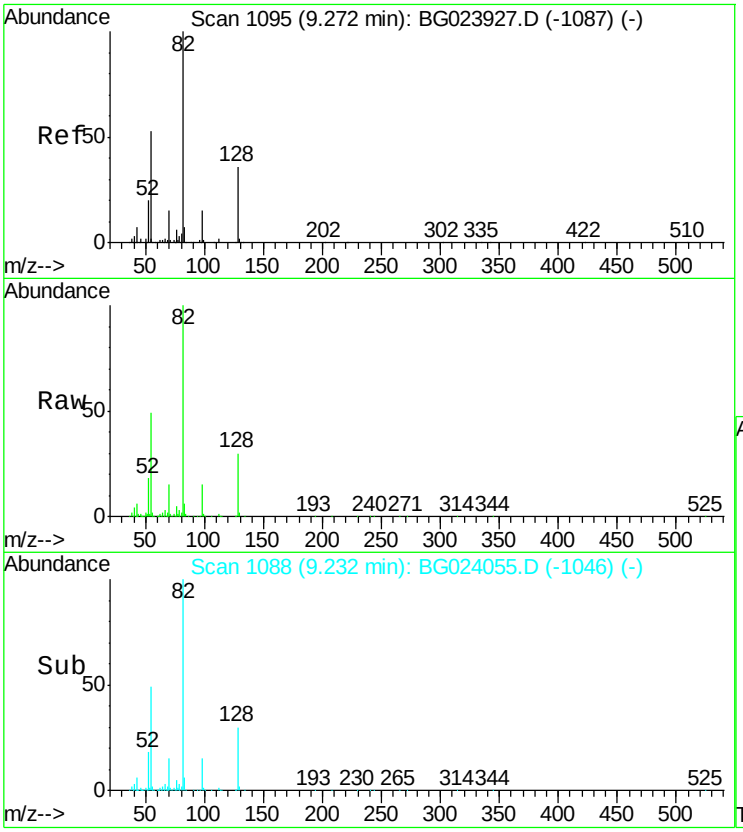


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.05 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Tgt Ion:136 Resp: 273645

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	8.9	7.3	10.9
68	7.3	5.3	7.9



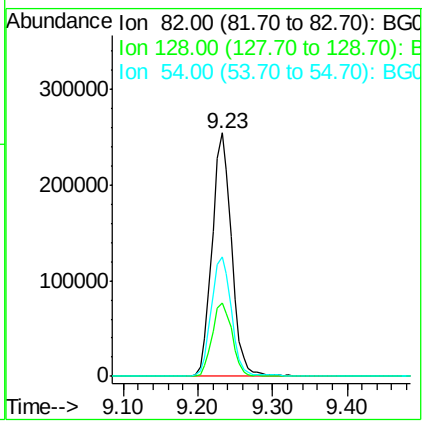


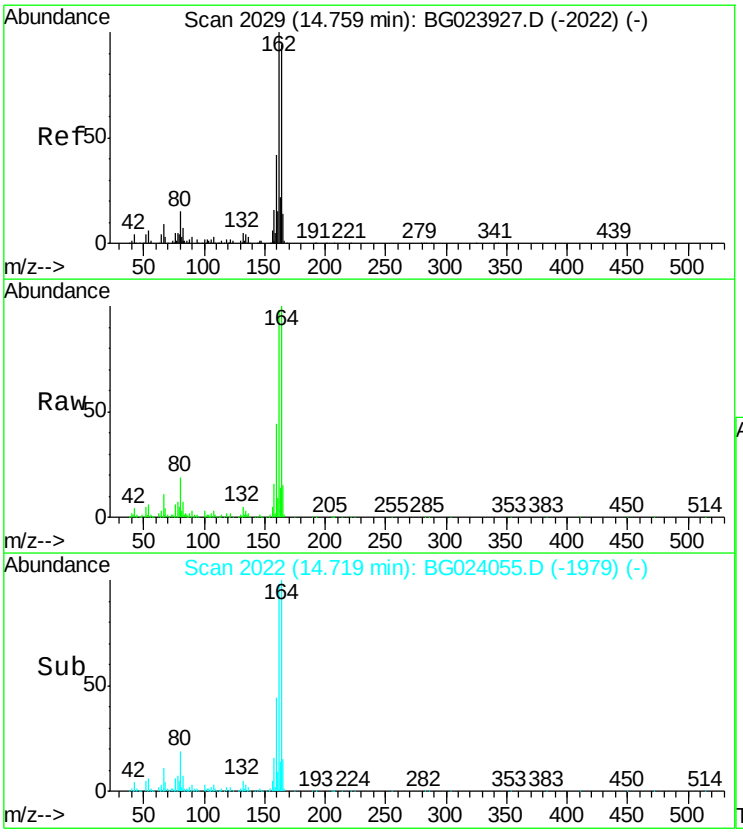
#23
Nitrobenzene-d5
Concen: 75.23 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.05 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion: 82 Resp: 461132

Ion	Ratio	Lower	Upper
82	100		
128	30.0	24.4	36.6
54	49.2	41.4	62.0

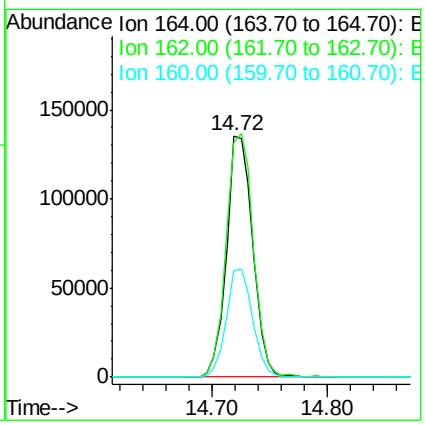


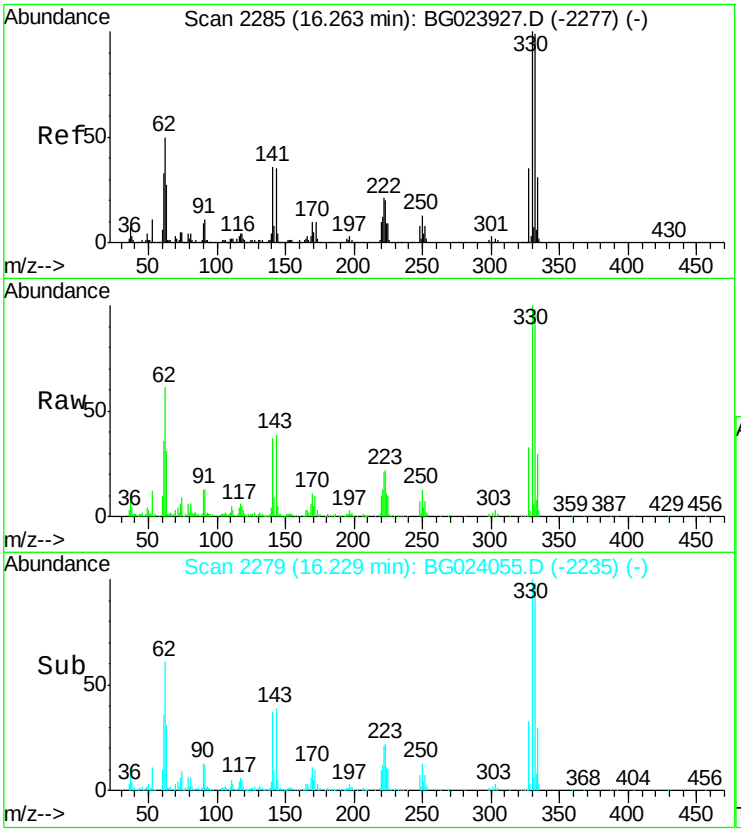


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.05 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Tgt Ion:164 Resp: 211899

Ion	Ratio	Lower	Upper
164	100		
162	97.6	87.7	131.5
160	44.2	37.2	55.8



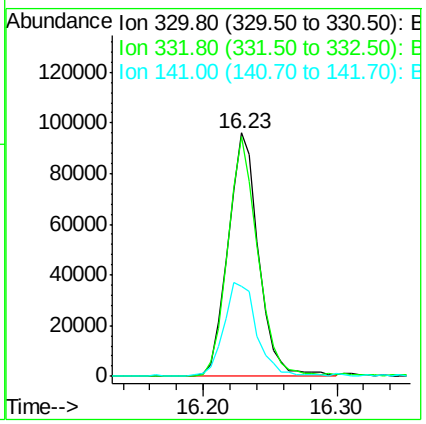


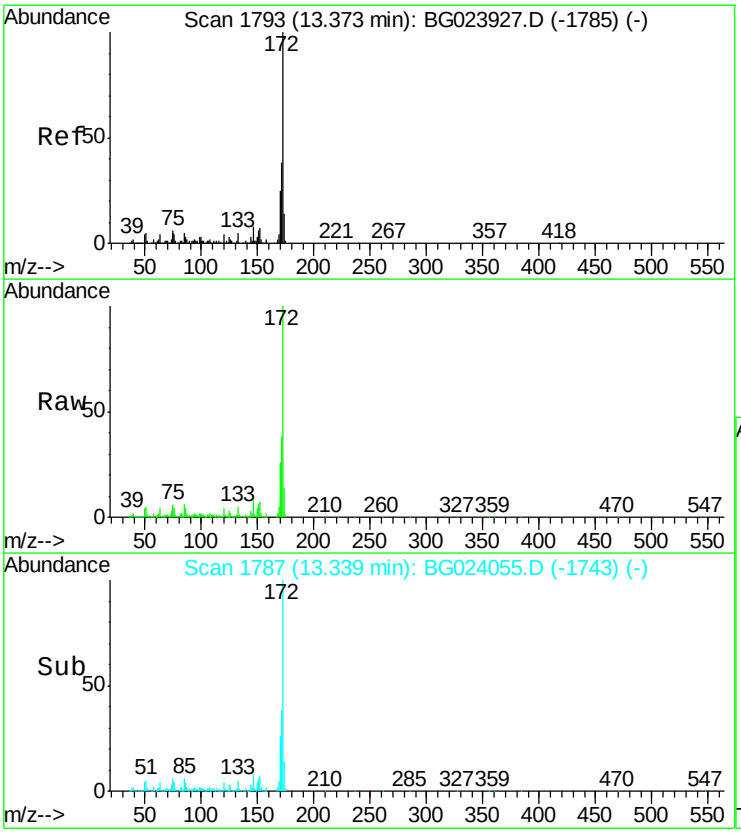
#41
2,4,6-Tribromophenol
Concen: 40.21 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.04 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:330 Resp: 153495

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	41.9	31.7	47.5

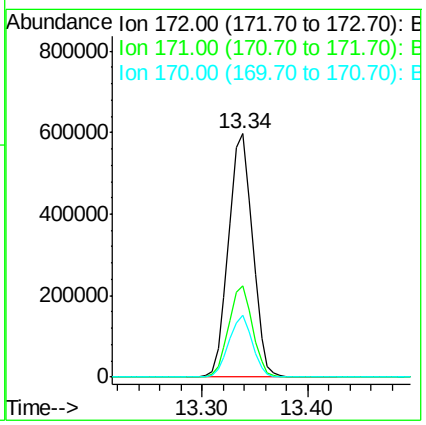


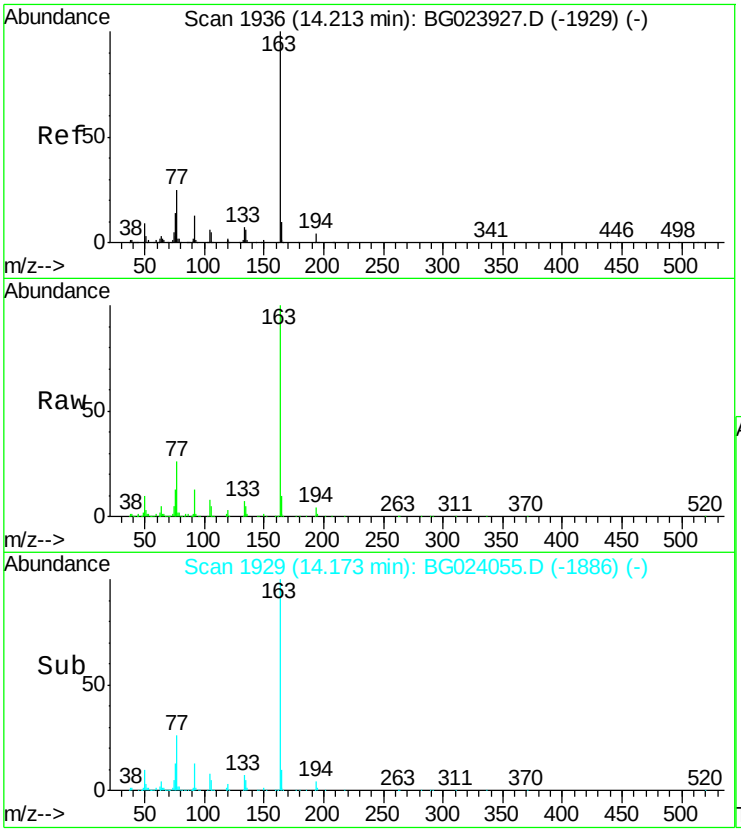


#44
2-Fluorobiphenyl
Concen: 63.42 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.04 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Tgt Ion:172 Resp: 937320

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.6	47.4
170	25.6	21.3	31.9



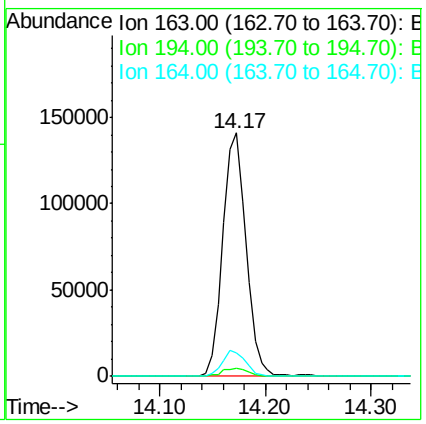


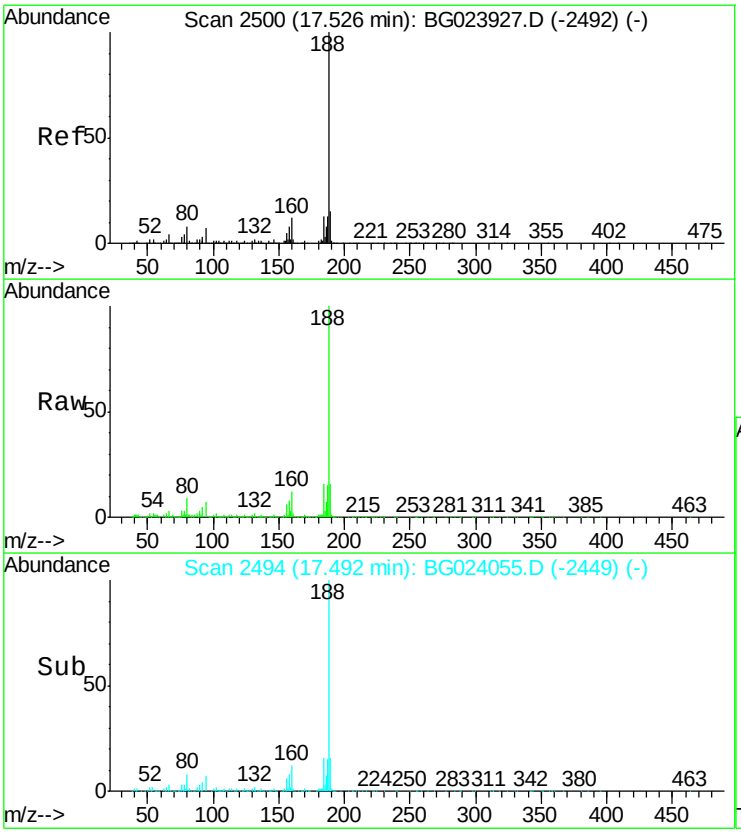
#49
Dimethylphthalate
Concen: 11.91 ng
RT: 14.17 min Scan# 1929
Delta R.T. -0.05 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:163 Resp: 216323

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.6	5.4#
164	9.8	8.1	12.1

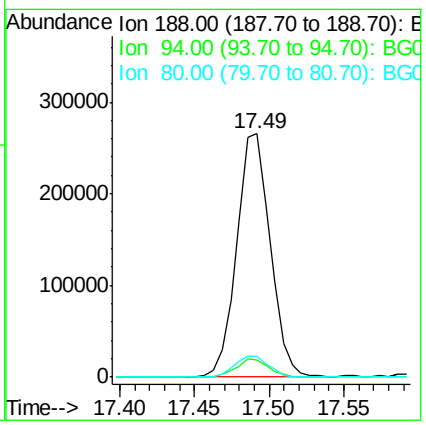


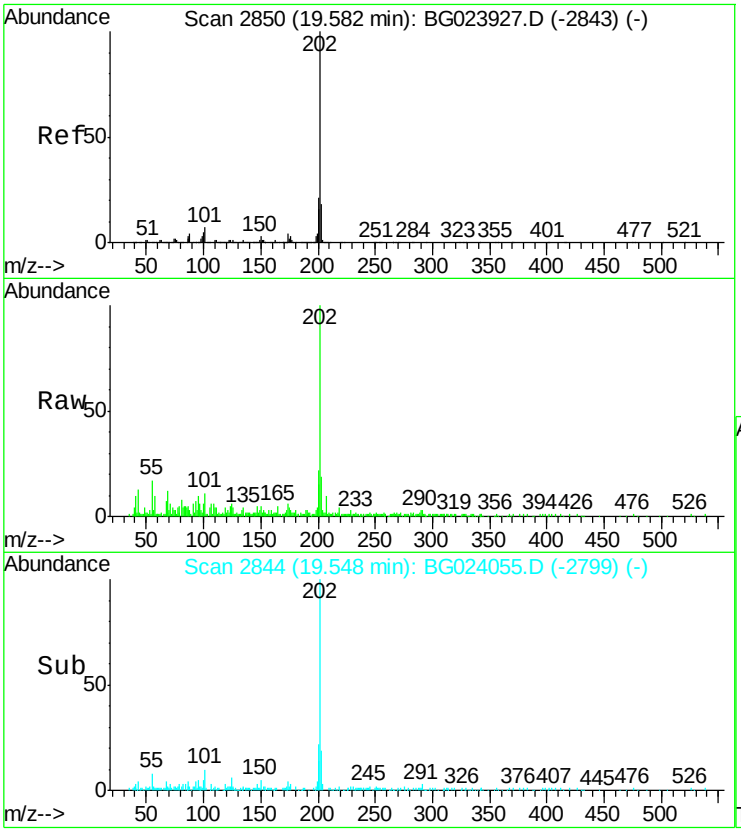


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.03 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Tgt Ion:188 Resp: 413033

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.2	7.8
80	8.6	7.2	10.8



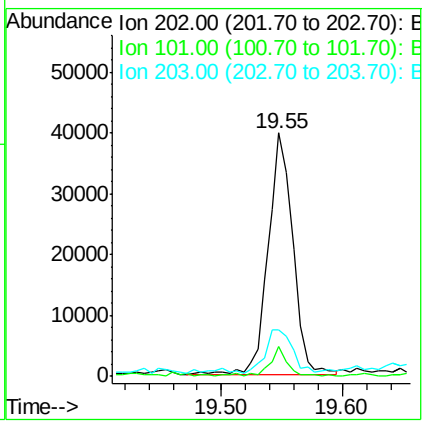


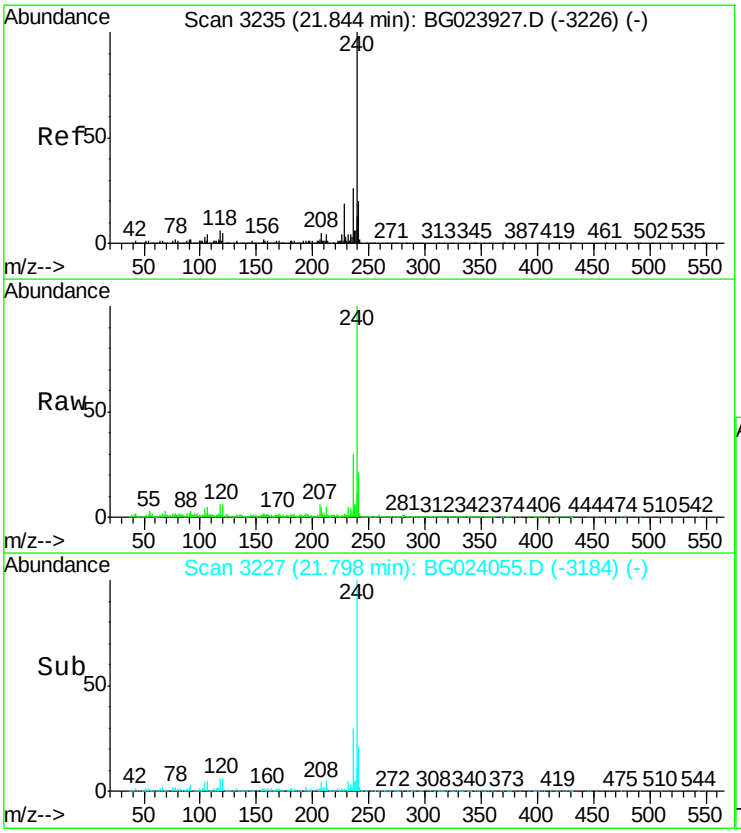
#74
Fluoranthene
Concen: 2.13 ng
RT: 19.55 min Scan# 2844
Delta R.T. -0.03 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:202 Resp: 55075

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	27.4
203	19.1	1.7	41.7

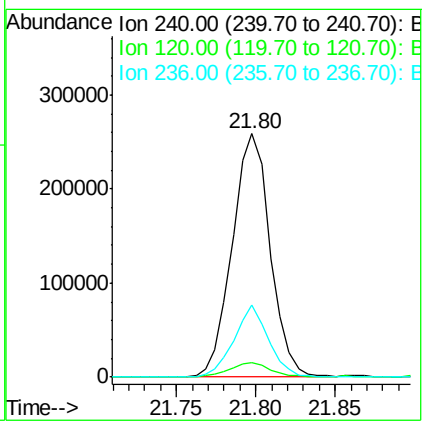


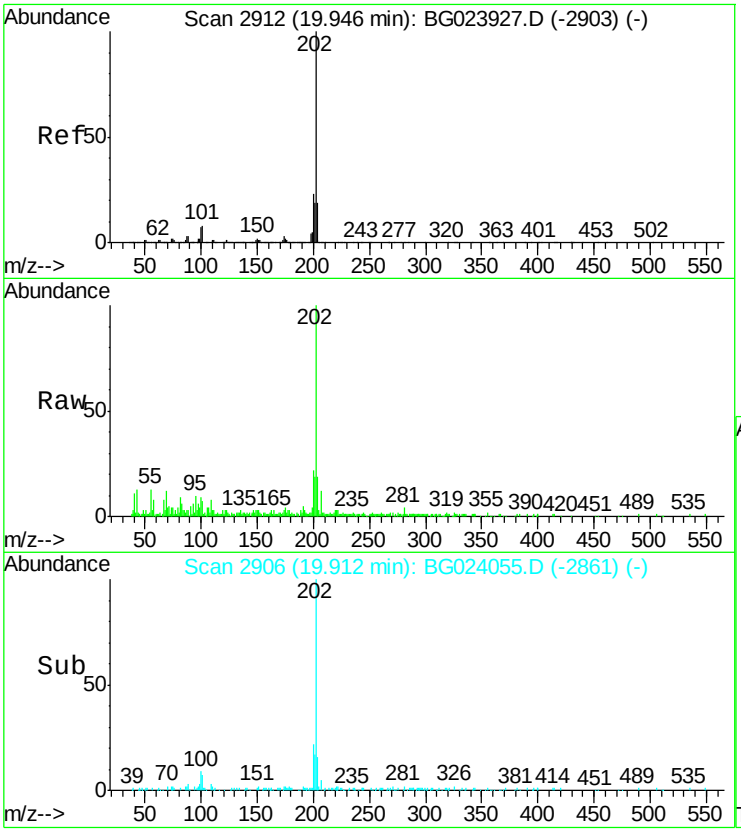


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3227
Delta R.T. -0.05 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Tgt Ion:240 Resp: 427574

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.1	6.1#
236	29.7	21.1	31.7



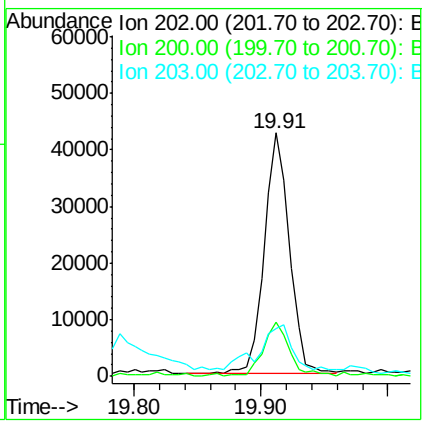


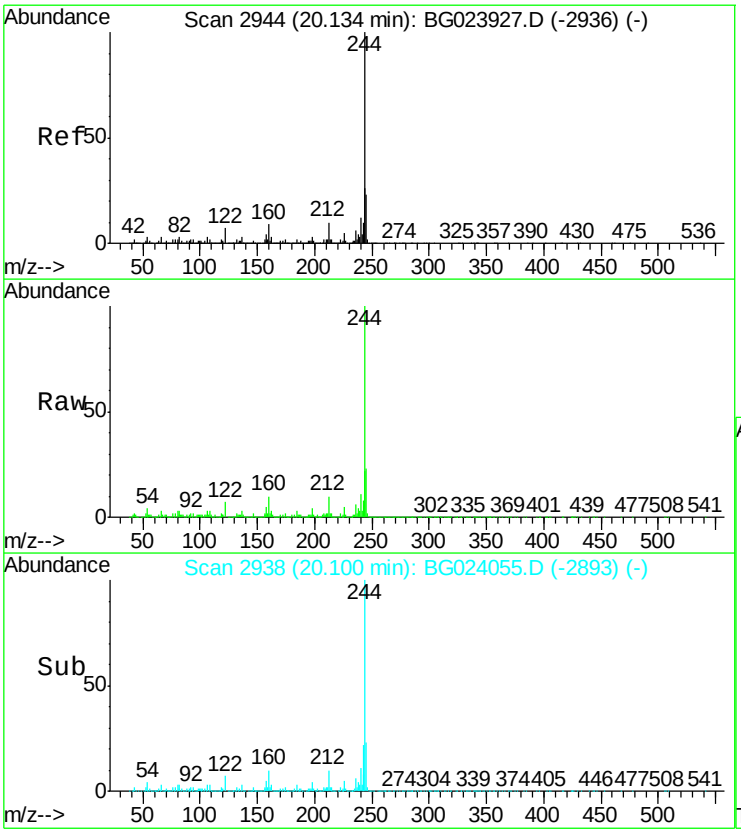
#77
Pyrene
Concen: 2.22 ng
RT: 19.91 min Scan# 2906
Delta R.T. -0.03 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:202 Resp: 58339

Ion	Ratio	Lower	Upper
202	100		
200	22.4	21.2	31.8
203	19.5	16.8	25.2

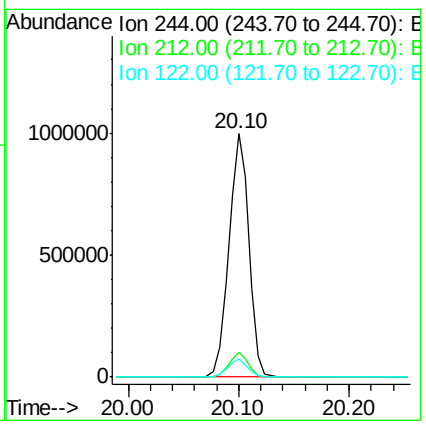


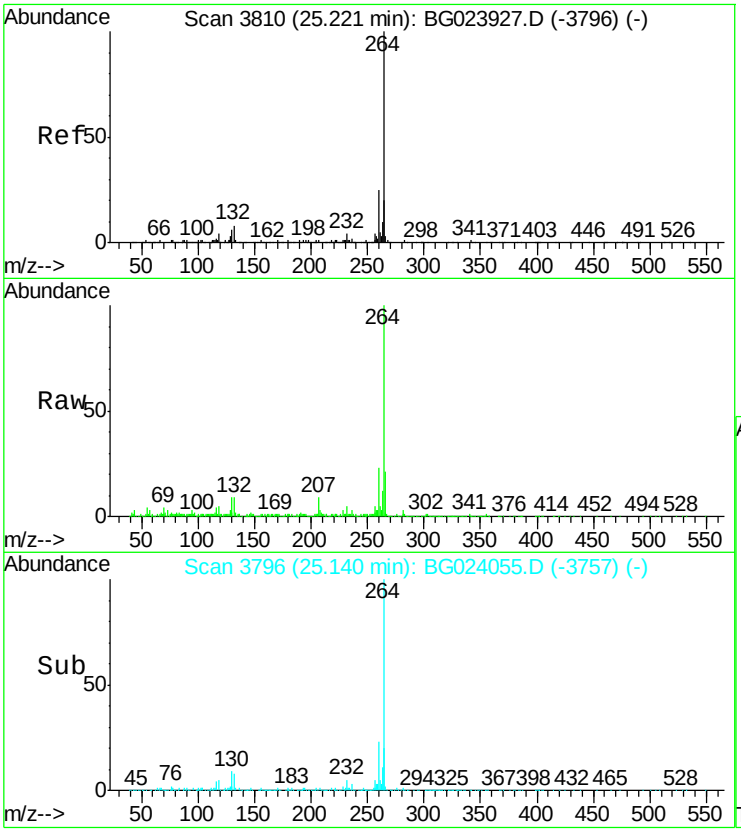


#78
Terphenyl-d14
Concen: 67.40 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.03 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Tgt Ion:244 Resp: 1265493

Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.8	16.2#
122	7.4	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3796
Delta R.T. -0.07 min
Lab File: BG024055.D
Acq: 21 Sep 2016 15:09

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:264 Resp: 426898

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	20.8	18.9	28.3