Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
Data File : BG024051.D
Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Time: Sep 21 14:35:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49643	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	212322	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	177259	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	403800	20.00	ng	0.00
75) Chrysene-d12	21.79	240	438343	20.00	ng	-0.01
86) Perylene-d12	25.14	264	425305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	232004	82.05	ng	0.00
7) Phenol-d6	7.22	99	441772	101.50	ng	0.00
23) Nitrobenzene-d5	9.23	82	372815	78.39	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	153241	47.98	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	759091	61.40	ng	0.00
78) Terphenyl-d14	20.10	244	1287344	66.88	ng	0.00
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	12.91	237	95	7.11	ng	# 9
49) Dimethylphthalate	14.17	163	189057	12.44	ng	# 98
53) 2,4-Dinitrophenol	14.74	184	89	6.55	ng	# 10
74) Fluoranthene	19.55	202	57746	2.28	ng	89
77) Pyrene	19.92	202	60802	2.26	ng	# 90
83) Bis(2-ethylhexyl)phthalate	21.51	149	2900672	203.85	ng	# 51
84) Di-n-octyl phthalate	22.98	149	551933	23.65	ng	# 45

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
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Acq On : 21 Sep 2016 12:35
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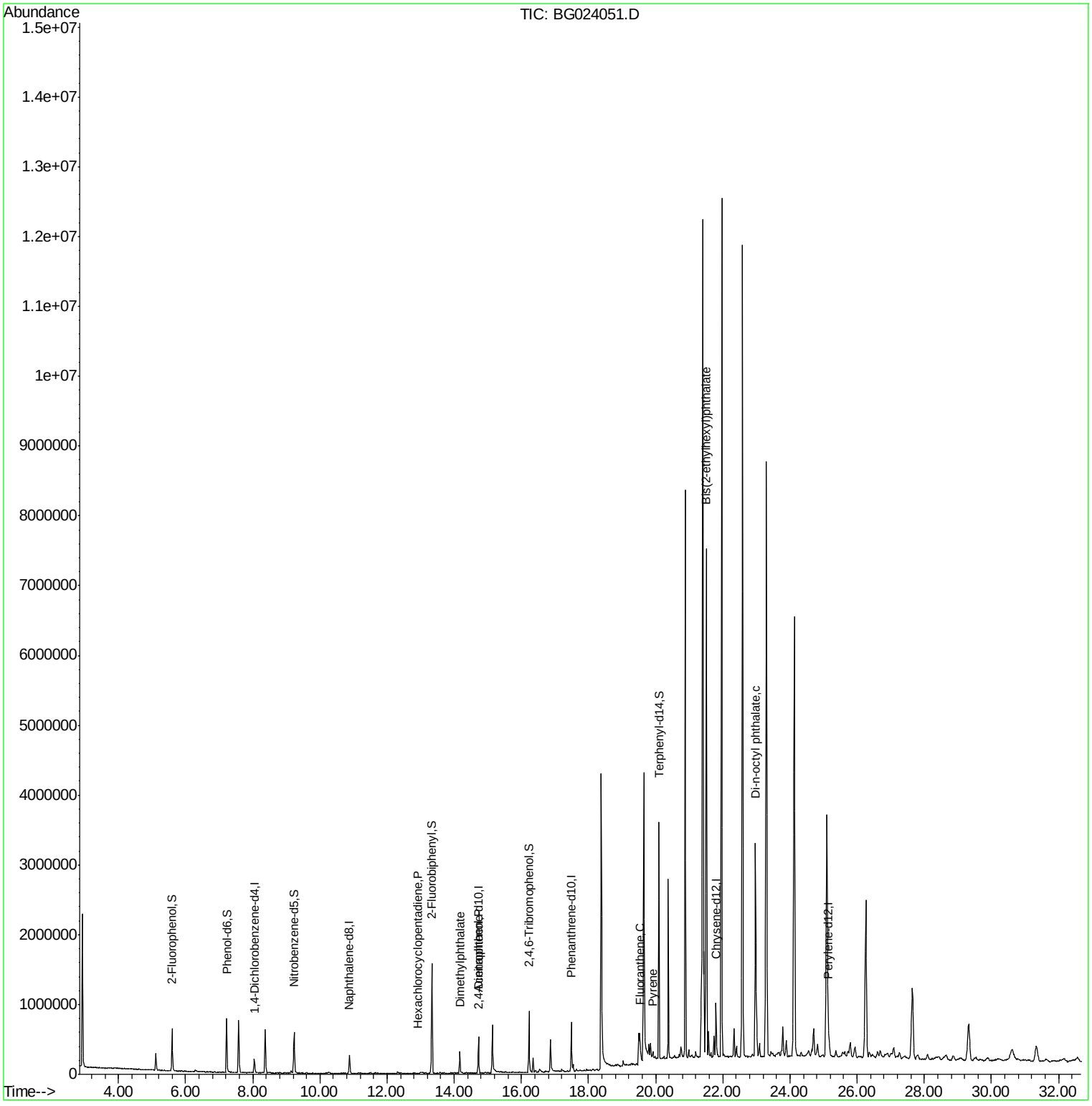
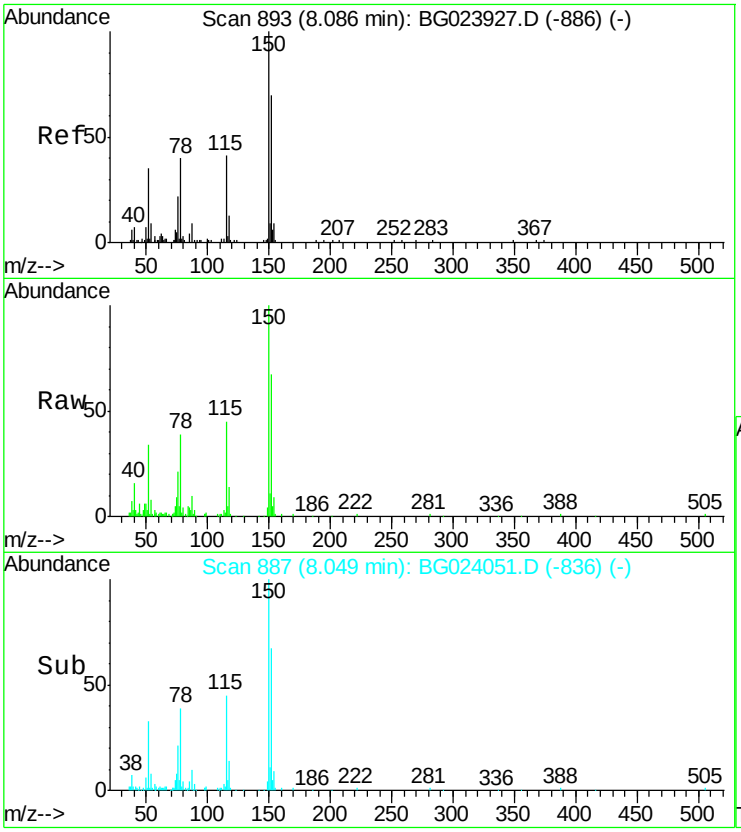


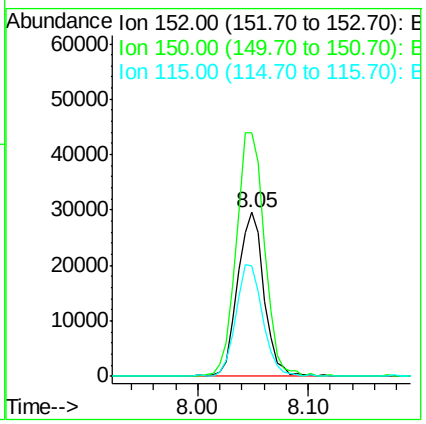


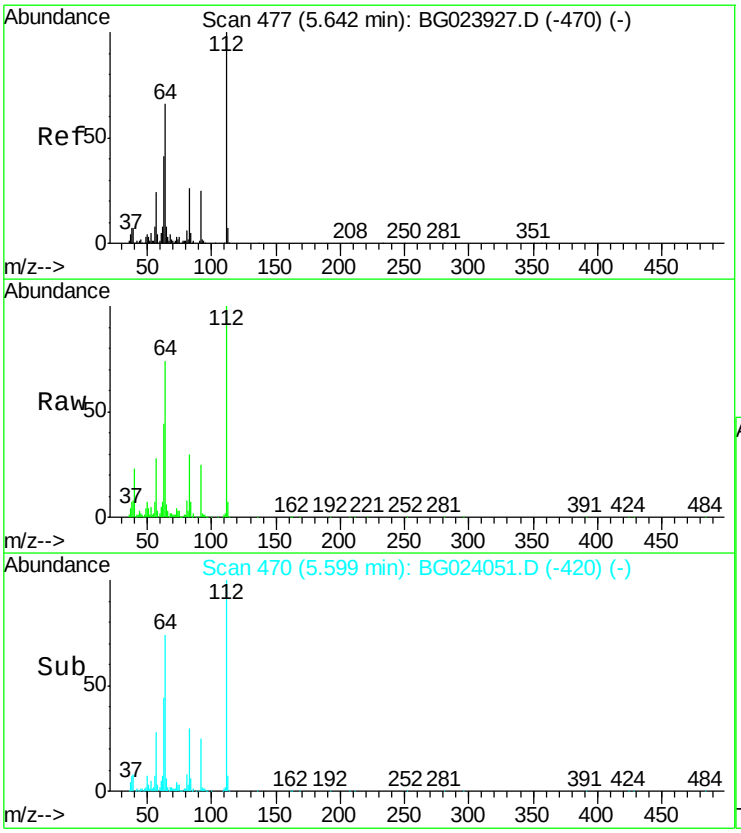
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:152 Resp: 49643

Ion	Ratio	Lower	Upper
152	100		
150	148.7	144.7	217.1
115	67.4	64.0	96.0

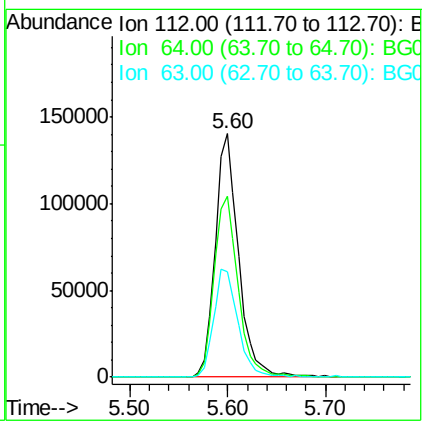


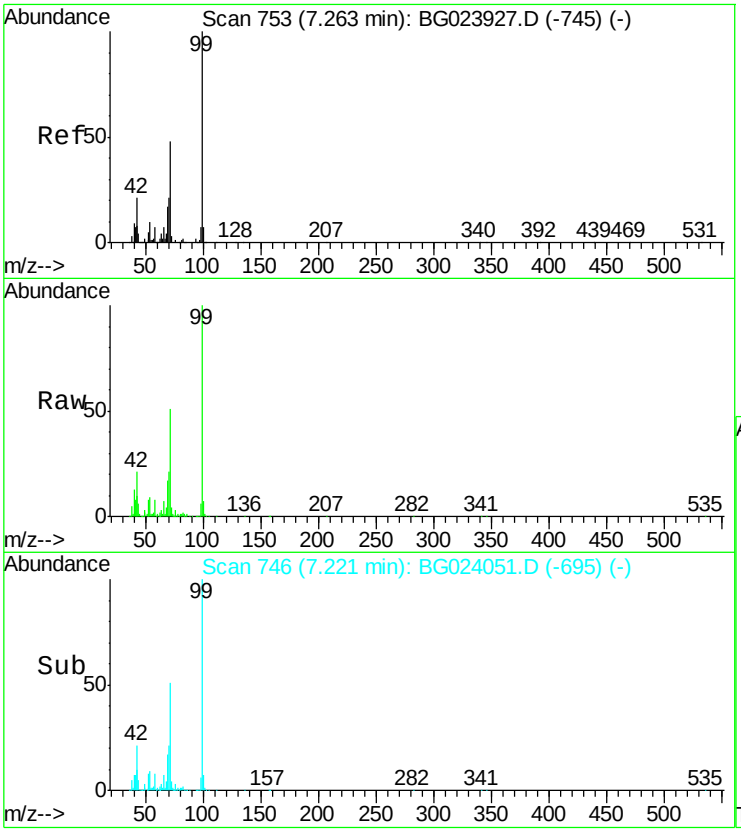


#5
2-Fluorophenol
Concen: 82.05 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Tgt Ion:112 Resp: 232004

Ion	Ratio	Lower	Upper
112	100		
64	74.2	59.0	88.4
63	43.5	37.8	56.8



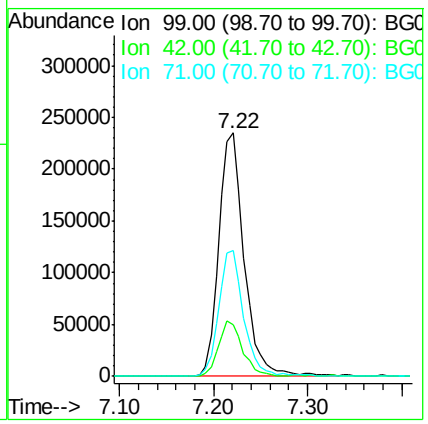


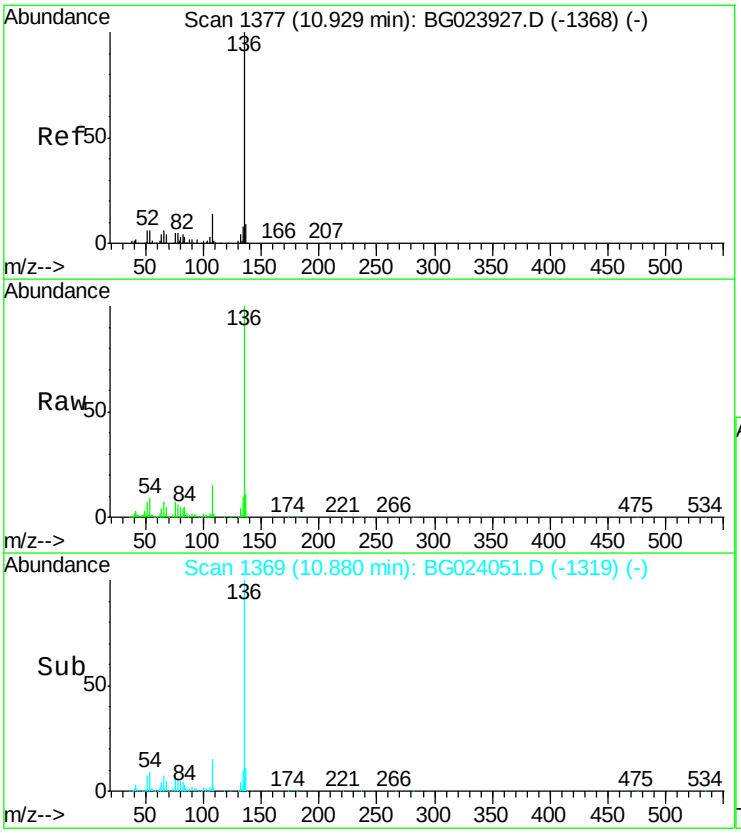
#7
Phenol-d6
Concen: 101.50 ng
RT: 7.22 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion: 99 Resp: 441772

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.8	26.6
71	51.4	41.5	62.3

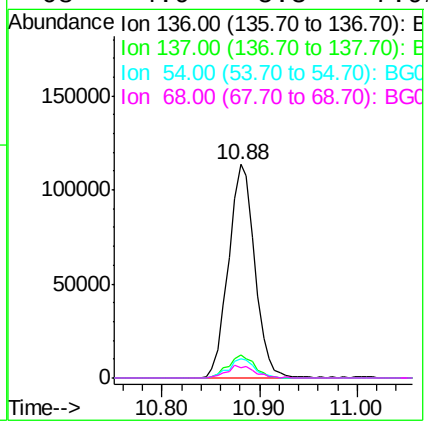


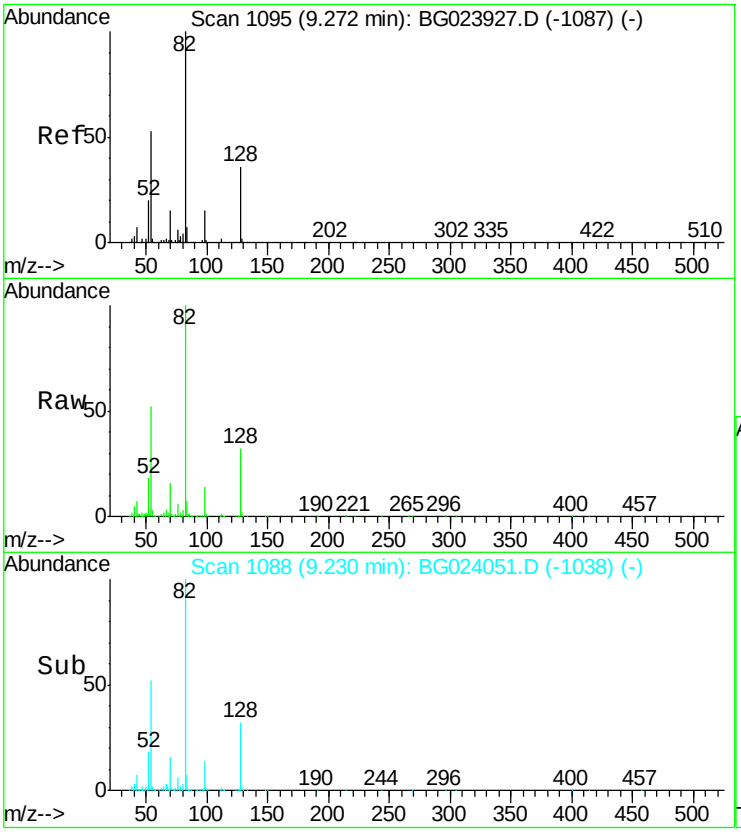


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Tgt Ion:136 Resp: 212322

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.9	7.3	10.9
68	4.9	5.3	7.9#



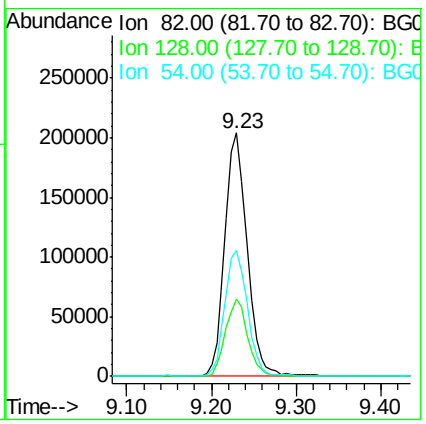


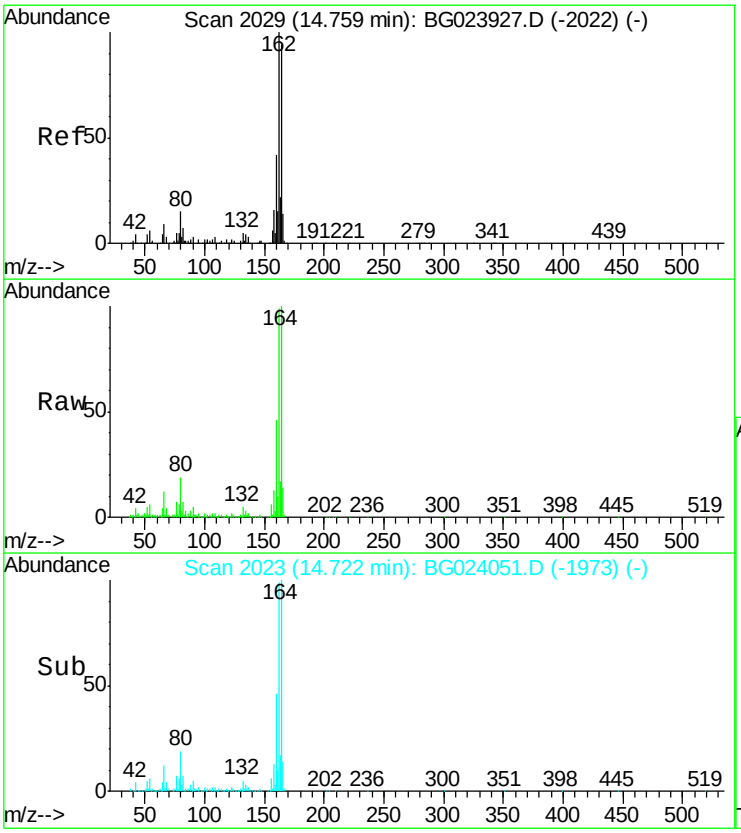
#23
Nitrobenzene-d5
Concen: 78.39 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion: 82 Resp: 372815

Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	51.8	41.4	62.0

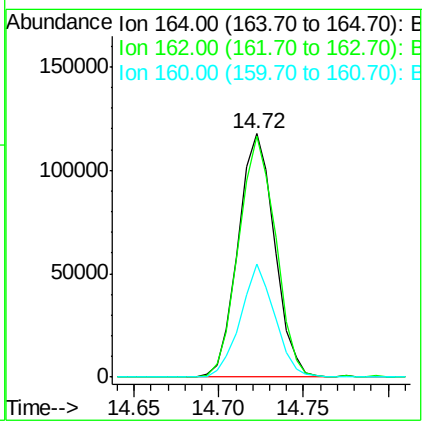


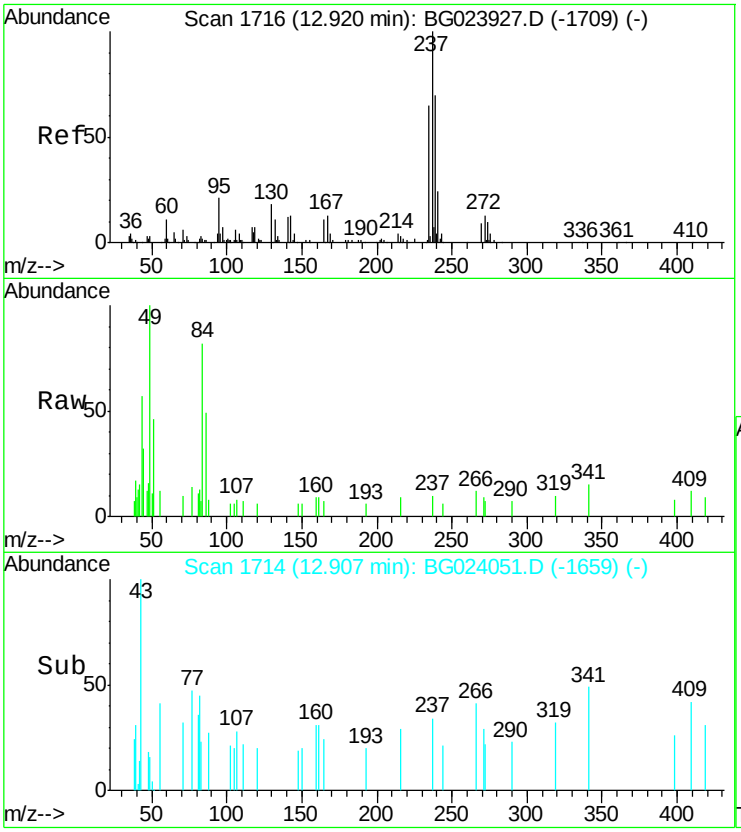


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Tgt Ion:164 Resp: 177259

Ion	Ratio	Lower	Upper
164	100		
162	99.2	87.7	131.5
160	46.3	37.2	55.8



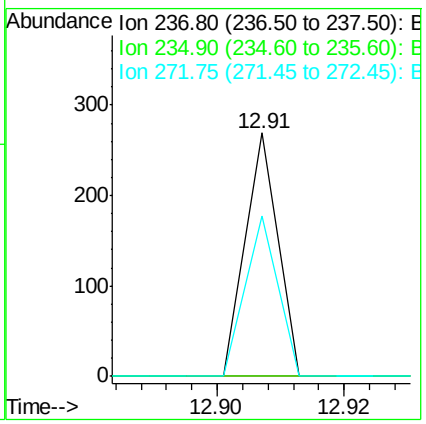


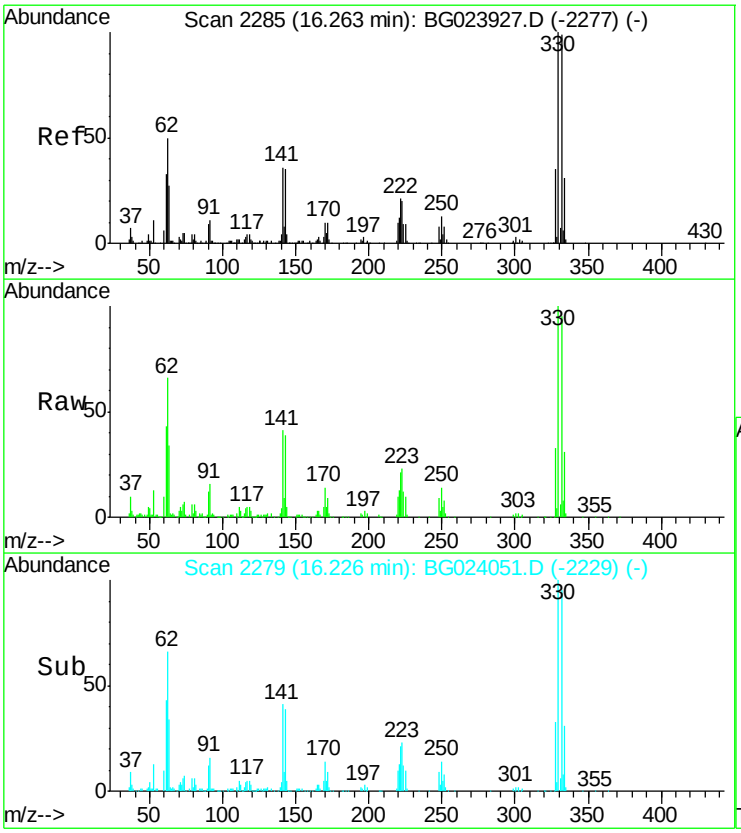
#40
Hexachlorocyclopentadiene
Concen: 7.11 ng
RT: 12.91 min Scan# 1714
Delta R.T. 0.02 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:237 Resp: 95

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	66.2	0.0	30.9#

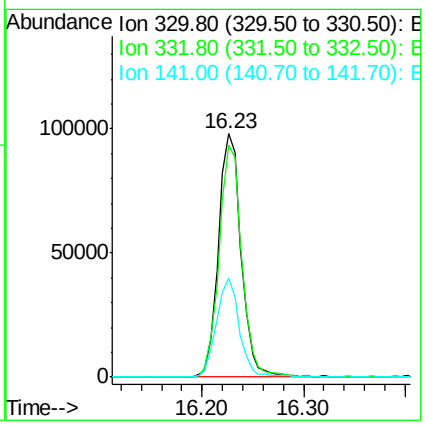


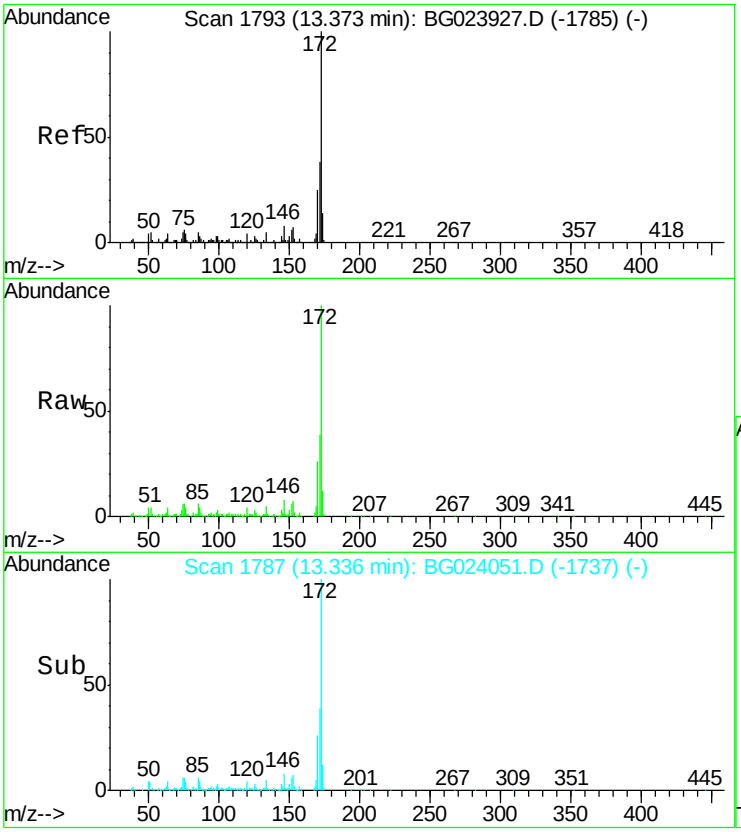


#41
2,4,6-Tribromophenol
Concen: 47.98 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Tgt Ion:330 Resp: 153241

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	40.7	31.7	47.5



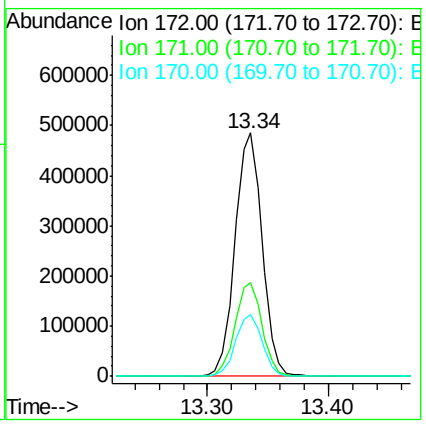


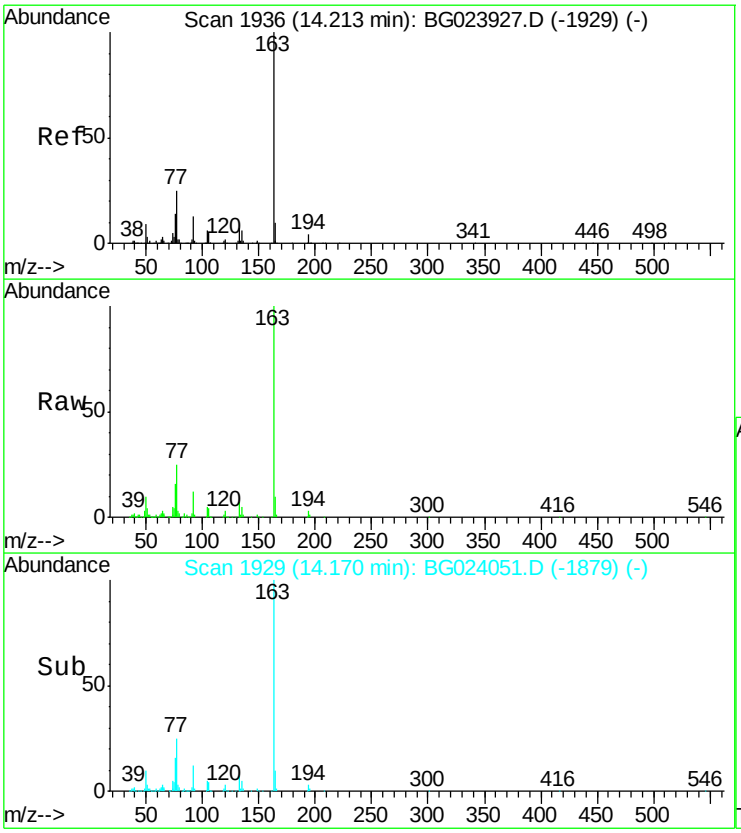
#44
2-Fluorobiphenyl
Concen: 61.40 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:172 Resp: 759091

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.6	47.4
170	25.5	21.3	31.9

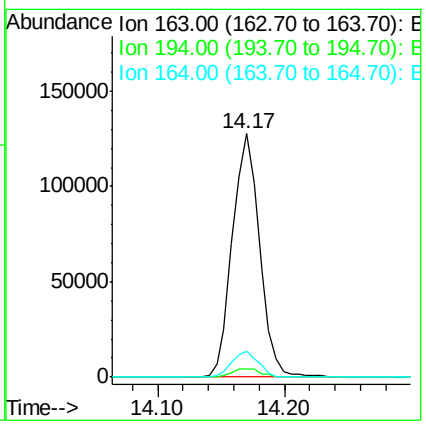


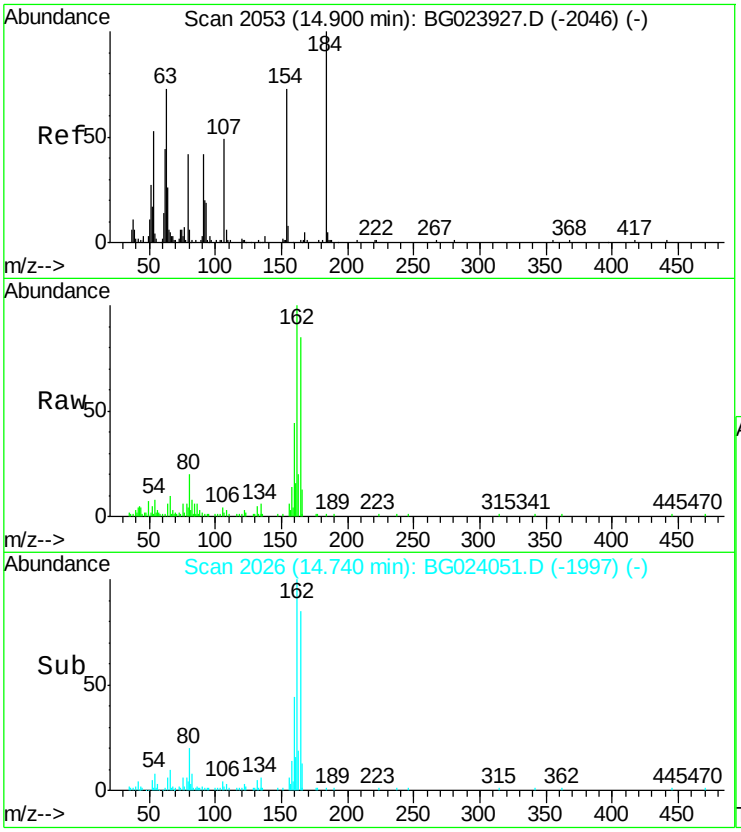


#49
Dimethylphthalate
Concen: 12.44 ng
RT: 14.17 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Tgt Ion:163 Resp: 189057

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.6	5.4#
164	10.4	8.1	12.1



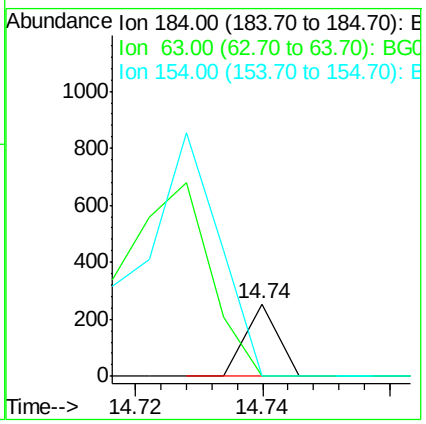


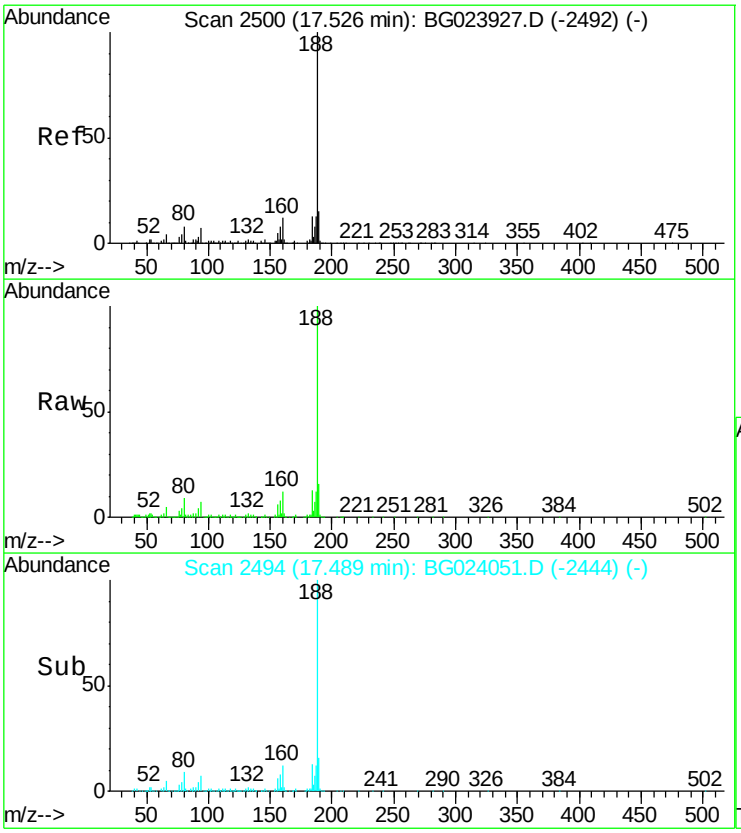
#53
2,4-Dinitrophenol
Concen: 6.55 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.13 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:184 Resp: 89

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#

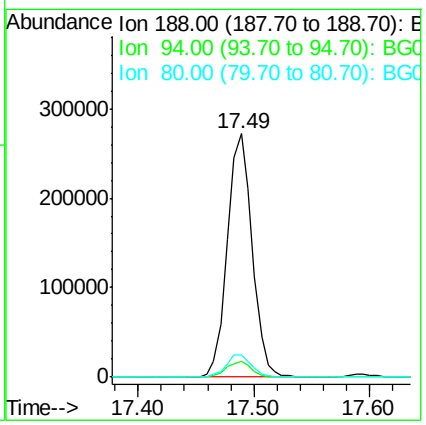


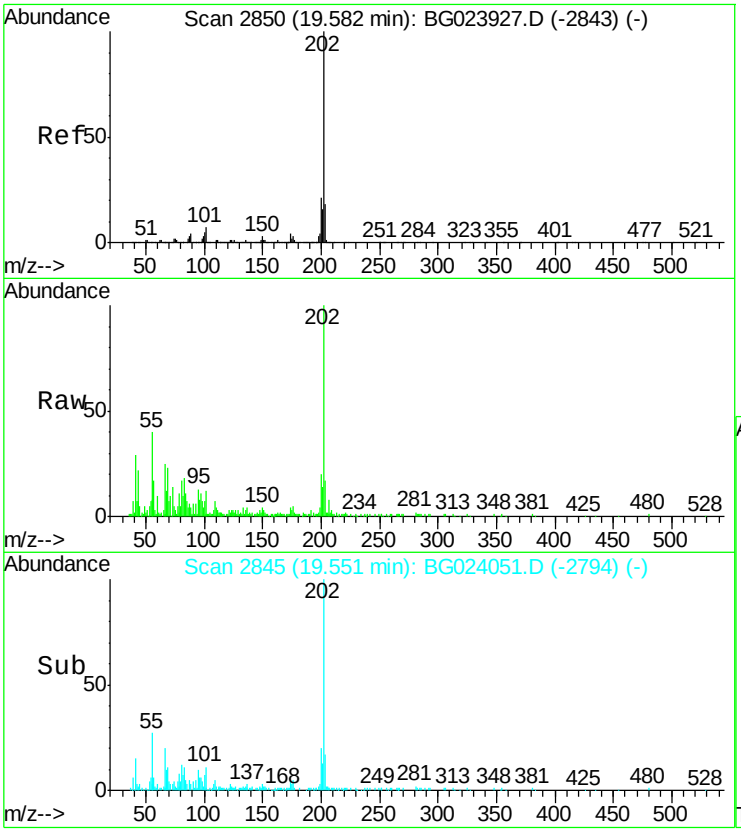


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Tgt Ion:188 Resp: 403800

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.2	7.8
80	9.1	7.2	10.8



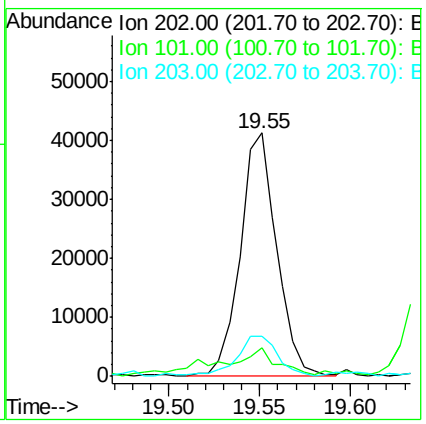


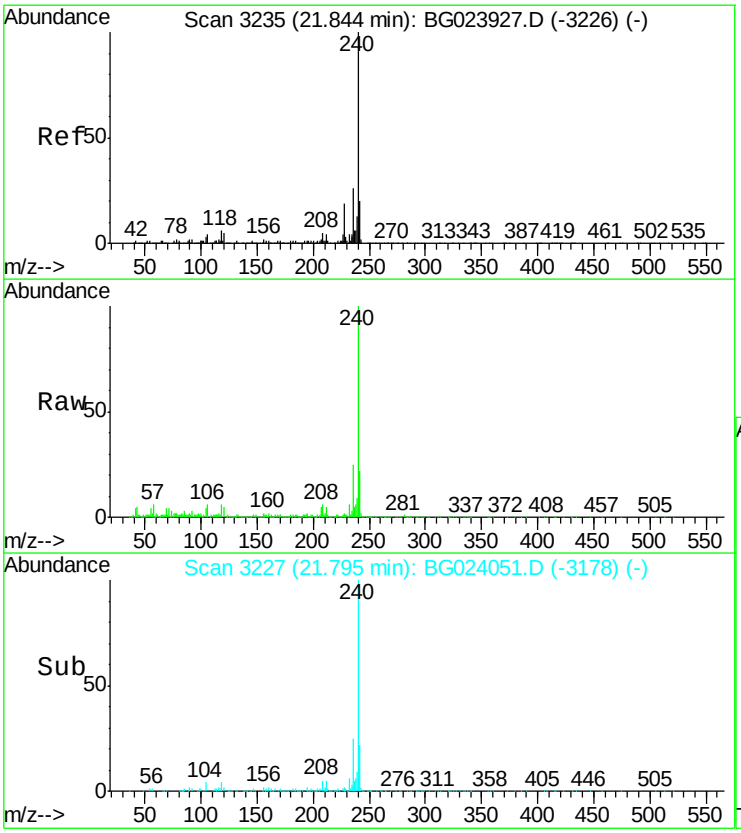
#74
Fluoranthene
Concen: 2.28 ng
RT: 19.55 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:202 Resp: 57746

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	27.4
203	16.7	1.7	41.7

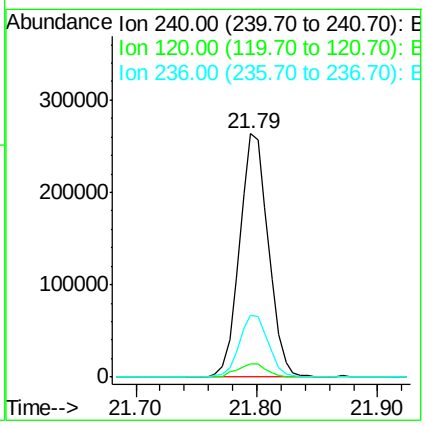


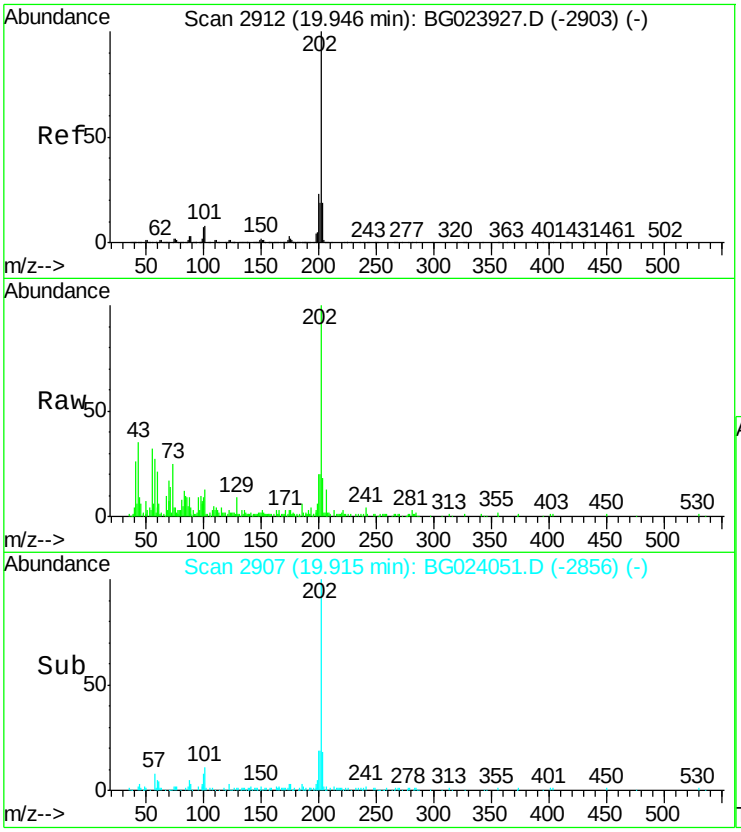


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Tgt Ion:240 Resp: 438343

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.1	6.1
236	25.4	21.1	31.7



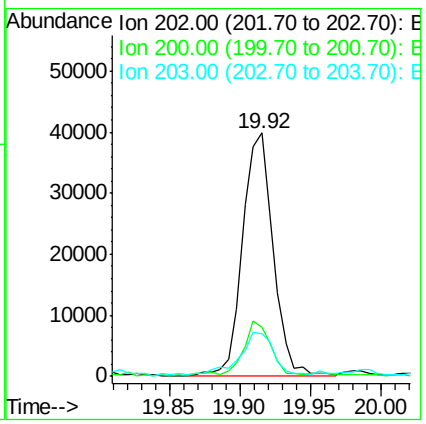


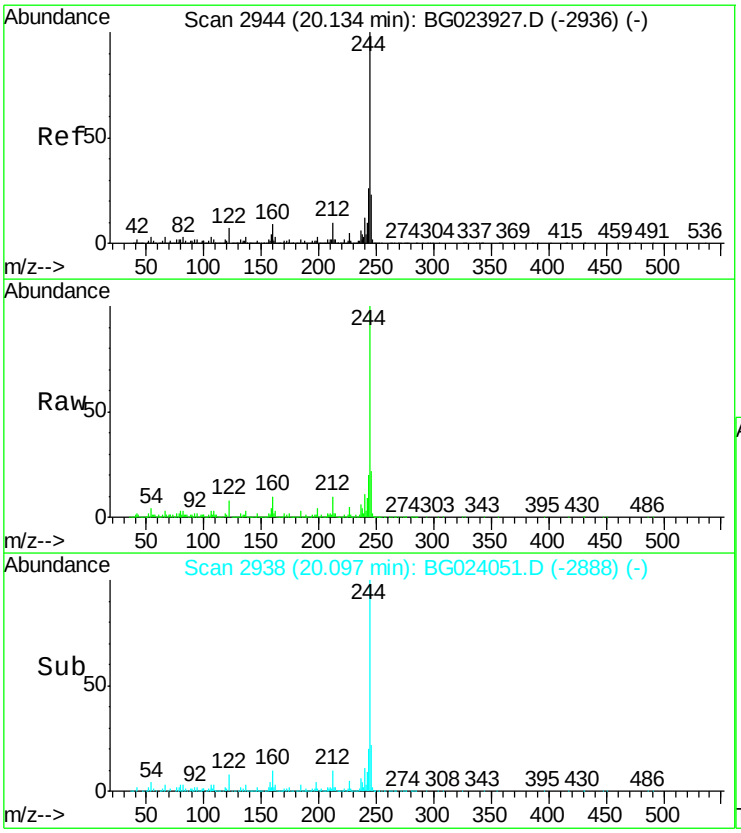
#77
Pyrene
Concen: 2.26 ng
RT: 19.92 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:202 Resp: 60802

Ion	Ratio	Lower	Upper
202	100		
200	20.3	21.2	31.8#
203	17.7	16.8	25.2

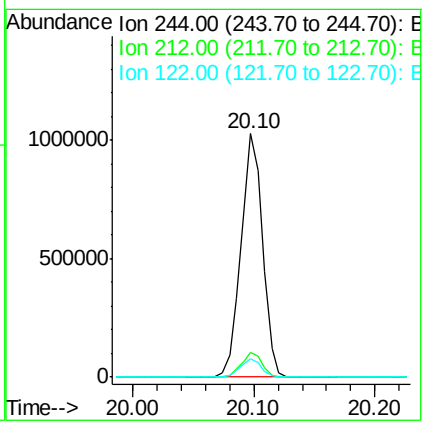


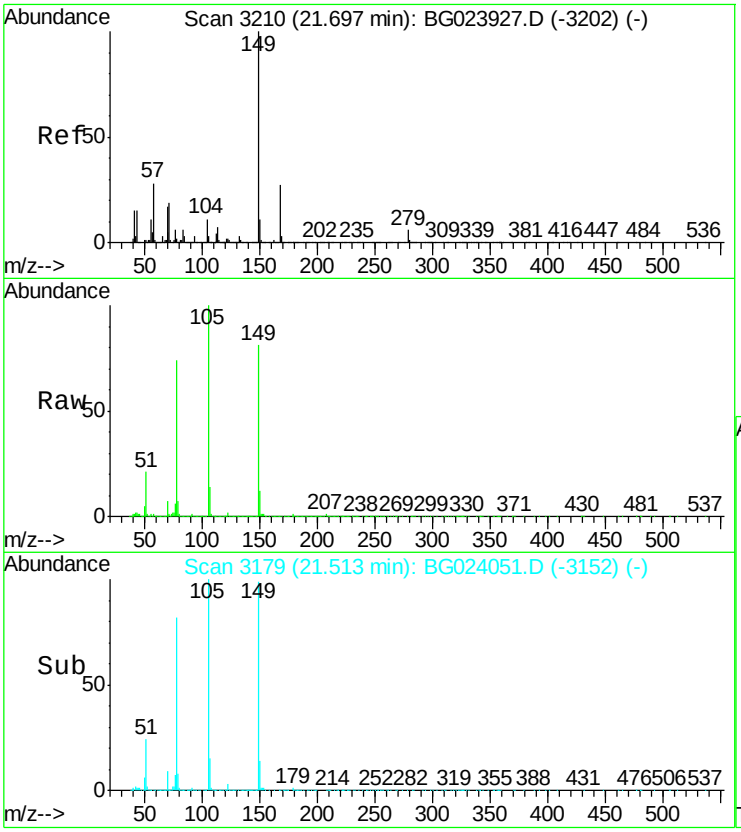


#78
Terphenyl-d14
Concen: 66.88 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Tgt Ion:244 Resp: 1287344

Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.8	16.2#
122	7.5	8.0	12.0#



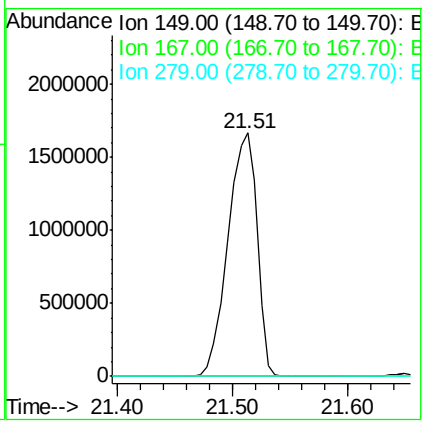


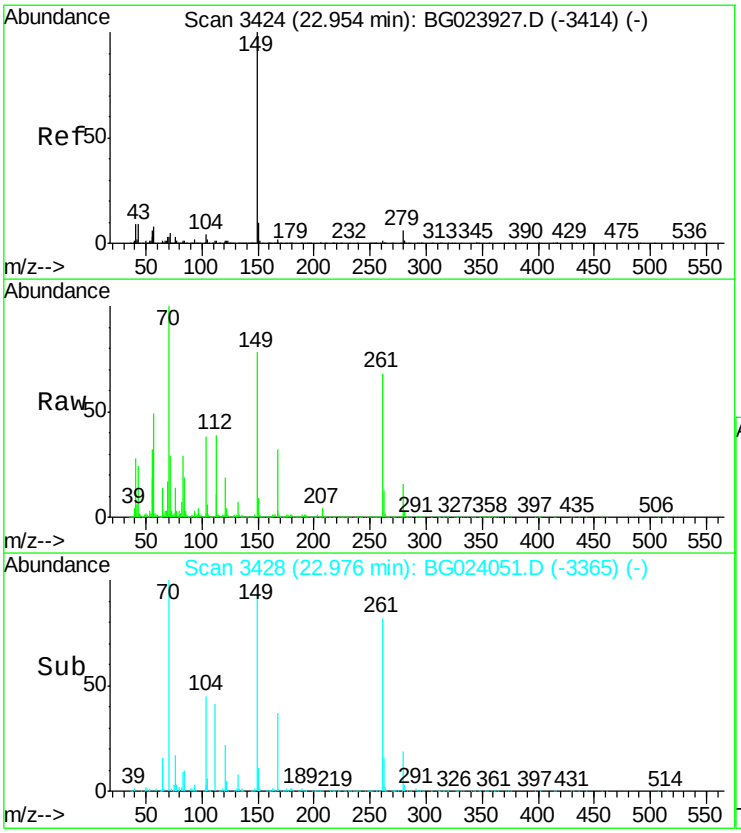
#83
Bis(2-ethylhexyl)phthalate
Concen: 203.85 ng
RT: 21.51 min Scan# 3179
Delta R.T. -0.14 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:149 Resp: 2900672

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.0	36.0#
279	0.0	4.8	7.2#

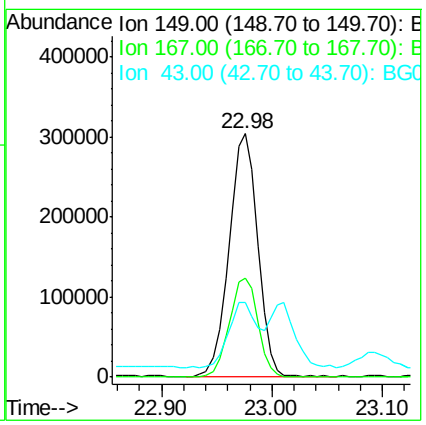


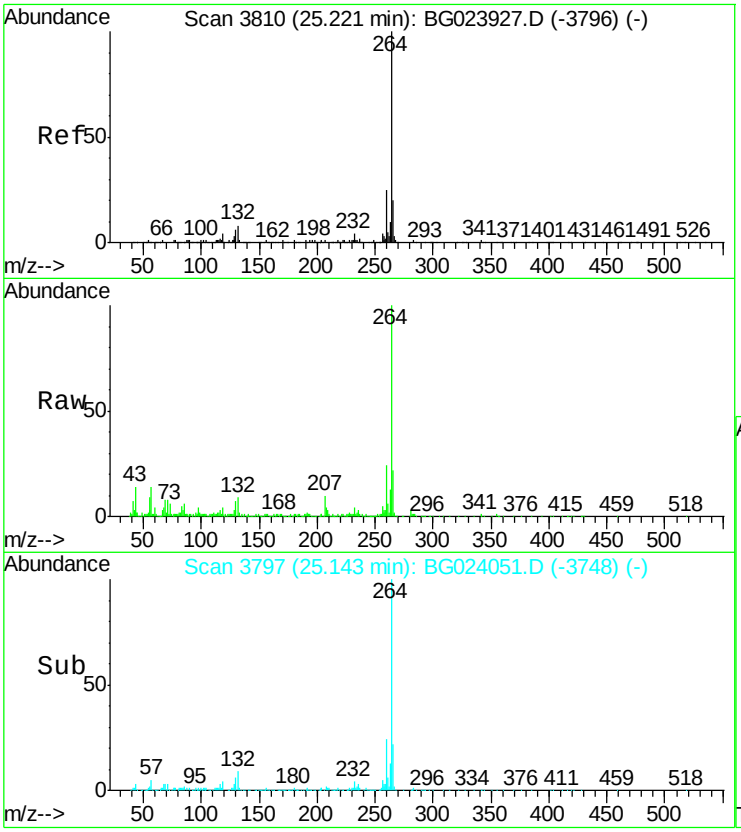


#84
Di-n-octyl phthalate
Concen: 23.65 ng
RT: 22.98 min Scan# 3428
Delta R.T. 0.07 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Tgt Ion:149 Resp: 551933

Ion	Ratio	Lower	Upper
149	100		
167	40.6	1.5	2.3#
43	28.5	8.8	13.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3797
Delta R.T. -0.01 min
Lab File: BG024051.D
Acq: 21 Sep 2016 12:35

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-02

Tgt Ion:264 Resp: 425305

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.3	18.9	28.3