Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
Data File : BG024033.D
Acq On : 20 Sep 2016 00:38
Operator : UM/SJ
Sample : H4821-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SW1-3

Quant Time: Sep 20 01:25:37 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 01:00:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45970	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	196403	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	170891	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	395545	20.00	ng		0.00
75) Chrysene-d12	21.80	240	436917	20.00	ng		0.00
86) Perylene-d12	25.14	264	425349	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	177731	67.88	ng		0.00
7) Phenol-d6	7.23	99	177639	44.07	ng		0.00
23) Nitrobenzene-d5	9.24	82	480970	109.33	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	377652	122.66	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1003395	84.18	ng		0.00
78) Terphenyl-d14	20.10	244	1650189	86.01	ng		0.00
Target Compounds							Qvalue
40) Hexachlorocyclopentadiene	12.85	237	94	7.11	ng		92
49) Dimethylphthalate	14.18	163	153423	10.47	ng		99
53) 2,4-Dinitrophenol	14.92	184	58	6.53	ng	#	10

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

Quantitation Report (Not Reviewed)

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Instrument :
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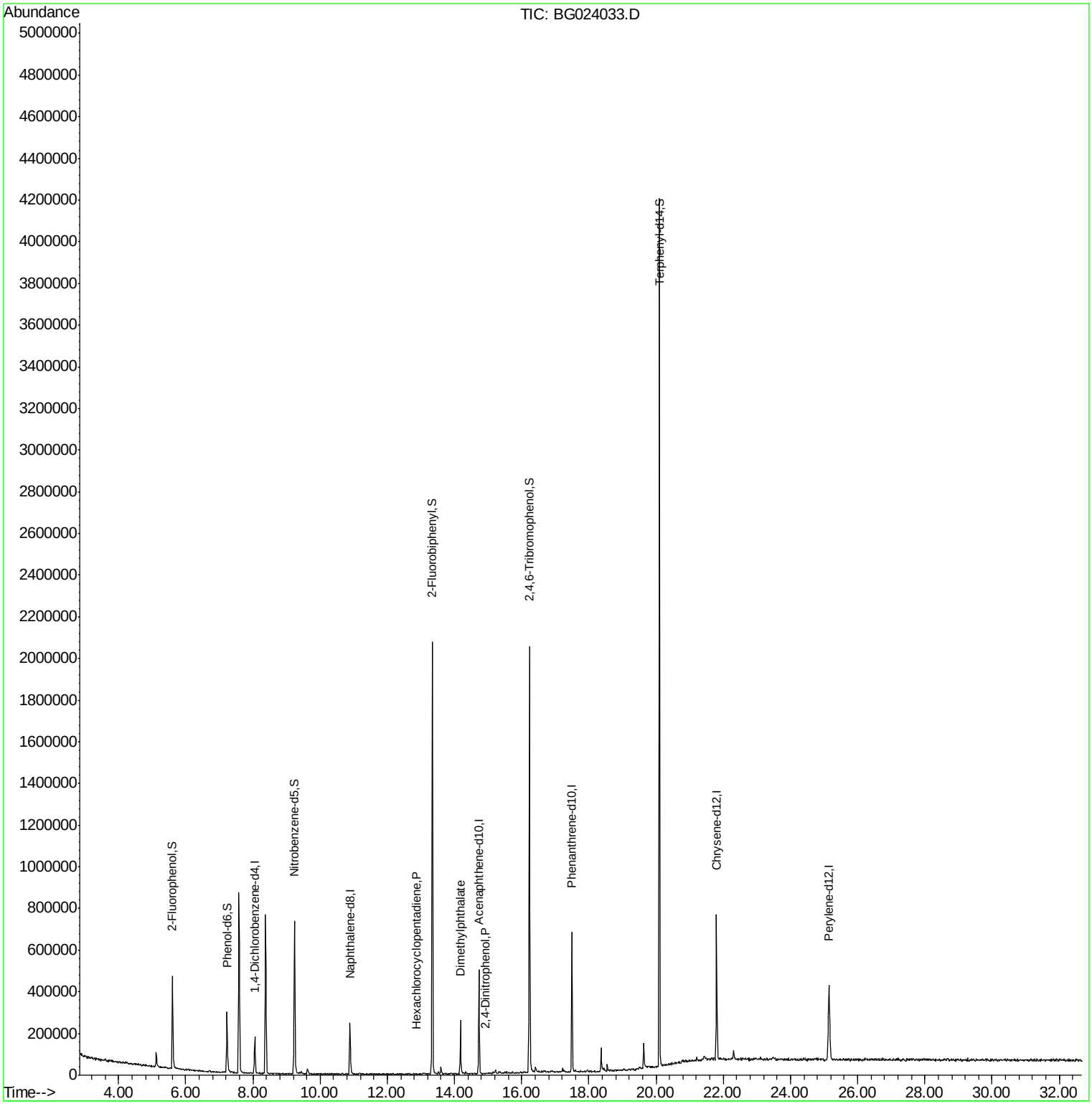
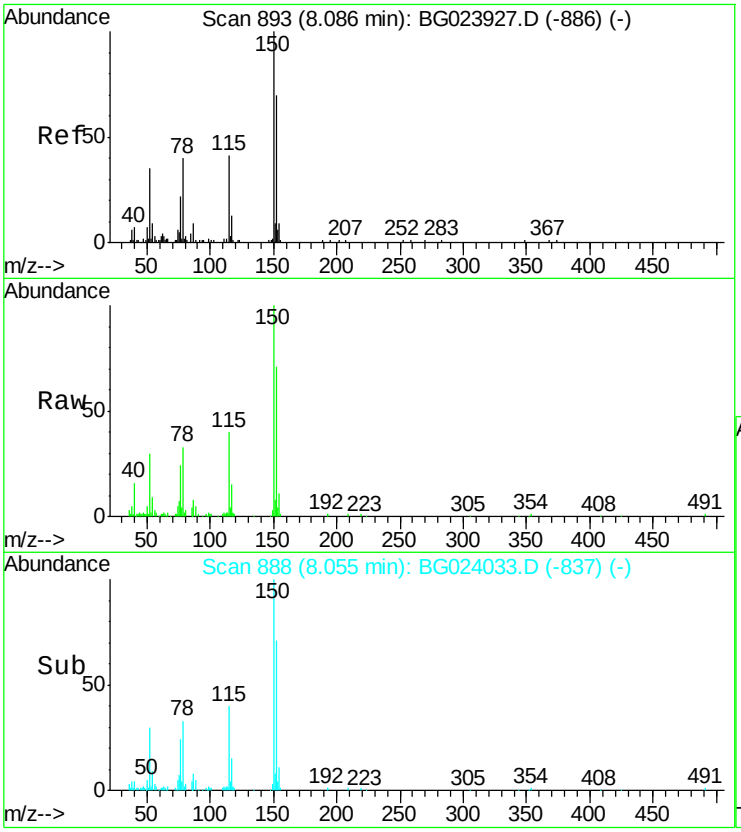


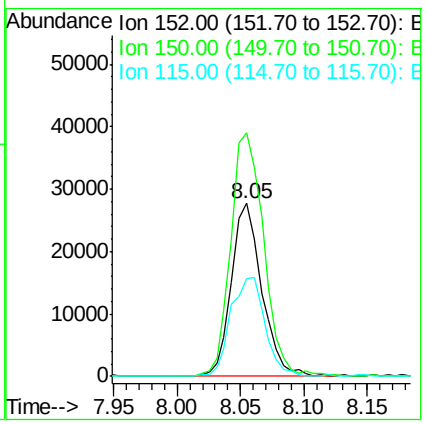


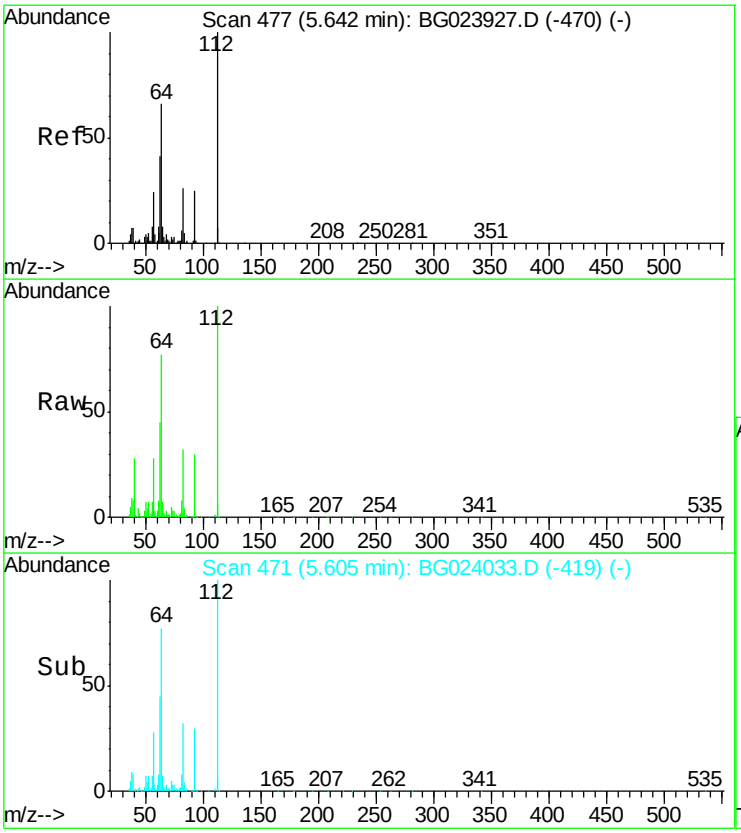
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-3

Tgt Ion:152 Resp: 45970

Ion	Ratio	Lower	Upper
152	100		
150	140.9	144.7	217.1#
115	56.9	64.0	96.0#

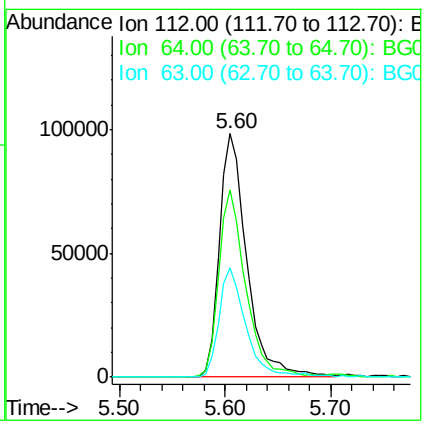


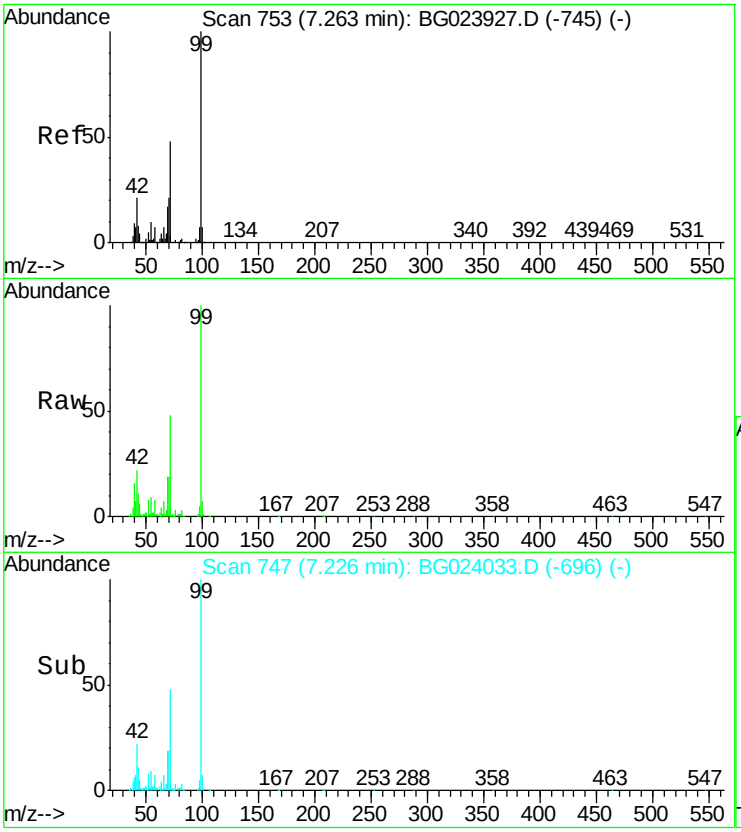


#5
2-Fluorophenol
Concen: 67.88 ng
RT: 5.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Tgt Ion:112 Resp: 177731

Ion	Ratio	Lower	Upper
112	100		
64	76.7	59.0	88.4
63	44.7	37.8	56.8



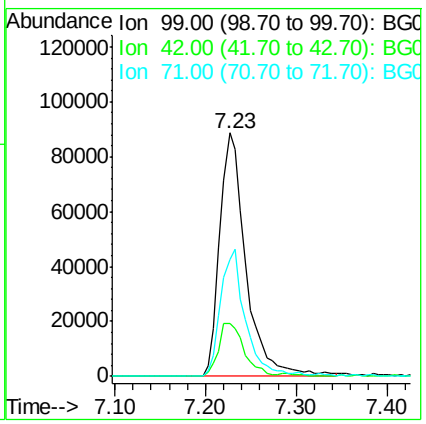


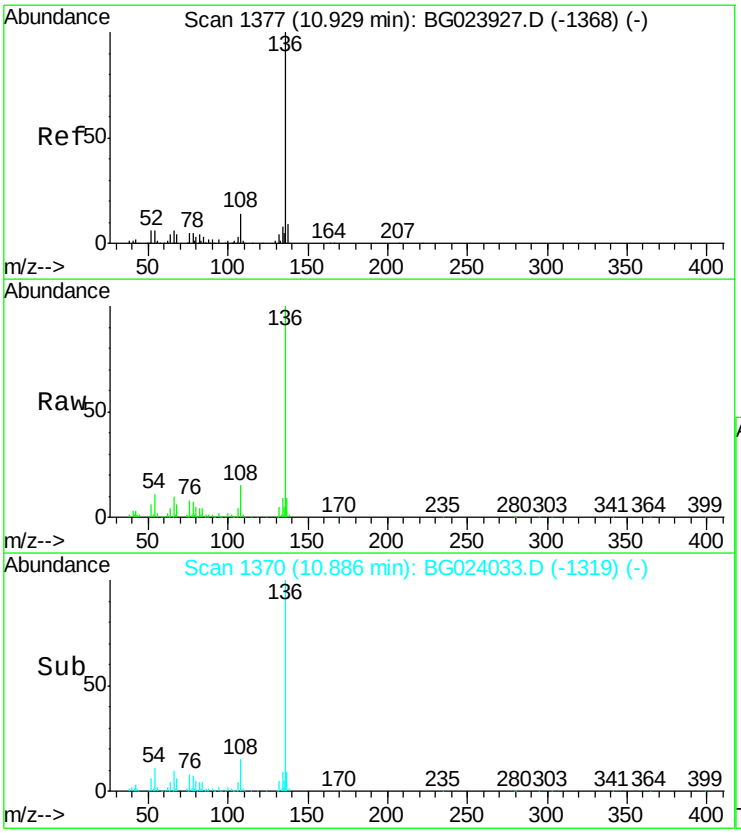
#7
Phenol-d6
Concen: 44.07 ng
RT: 7.23 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-3

Tgt Ion: 99 Resp: 177639

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.8	26.6
71	47.8	41.5	62.3

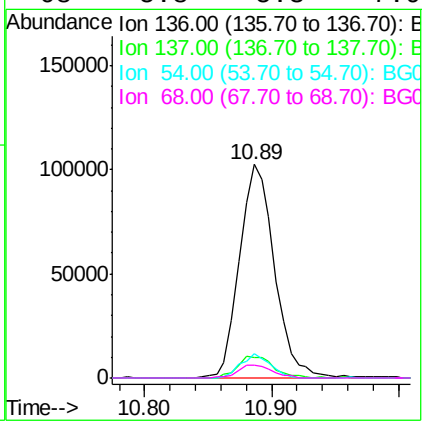


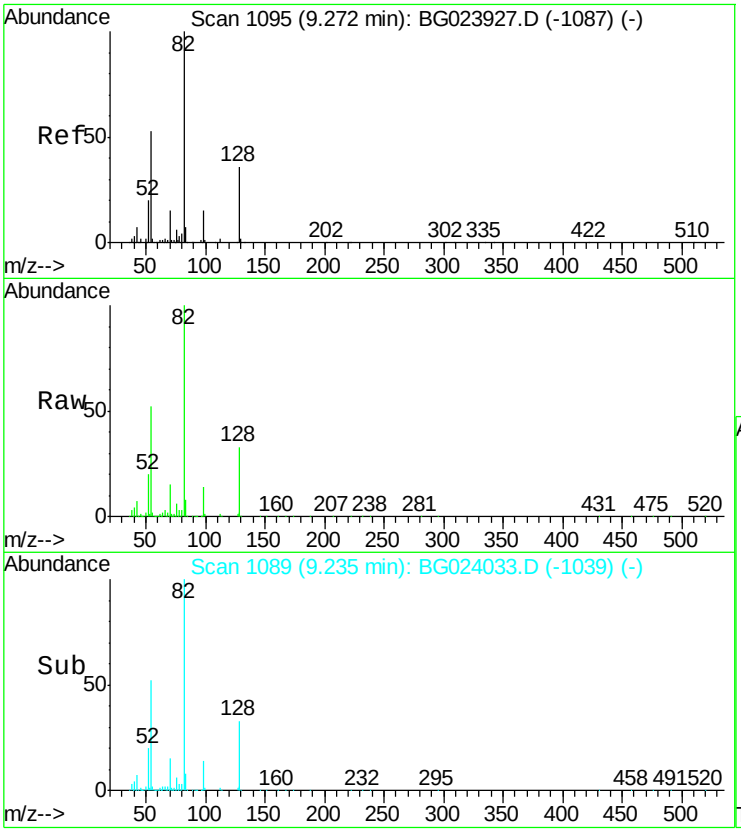


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Tgt Ion:136 Resp: 196403

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.6	14.4#
54	11.1	7.3	10.9#
68	5.8	5.3	7.9



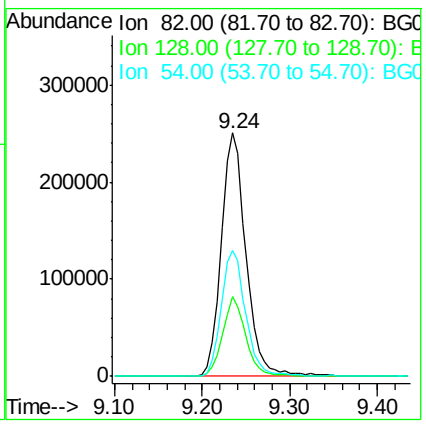


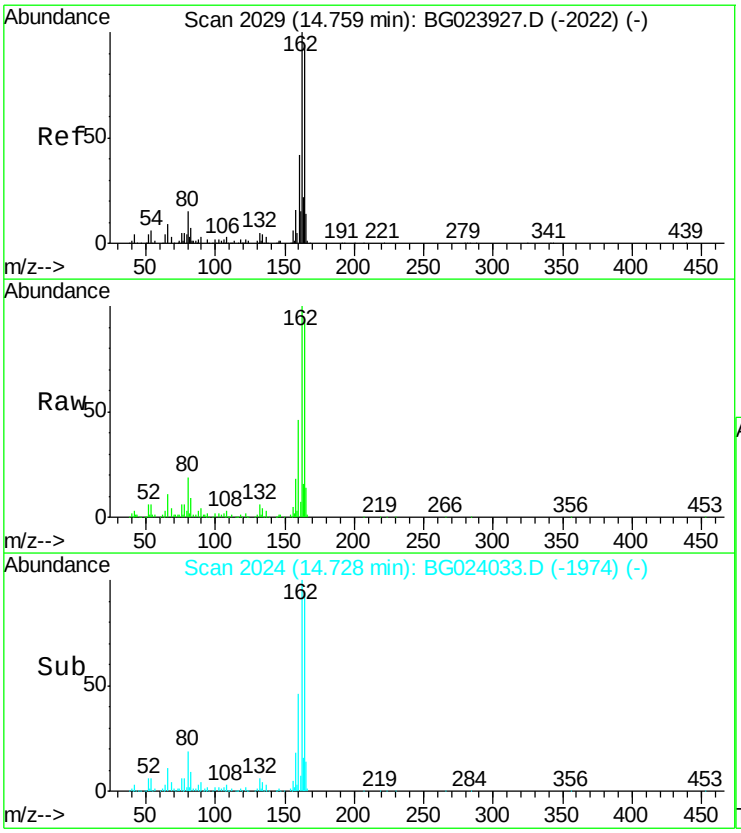
#23
Nitrobenzene-d5
Concen: 109.33 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-3

Tgt Ion: 82 Resp: 480970

Ion	Ratio	Lower	Upper
82	100		
128	32.6	24.4	36.6
54	51.8	41.4	62.0

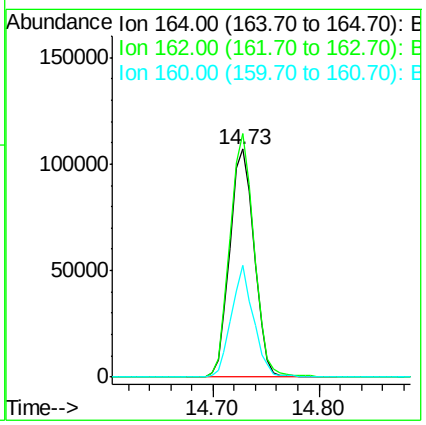


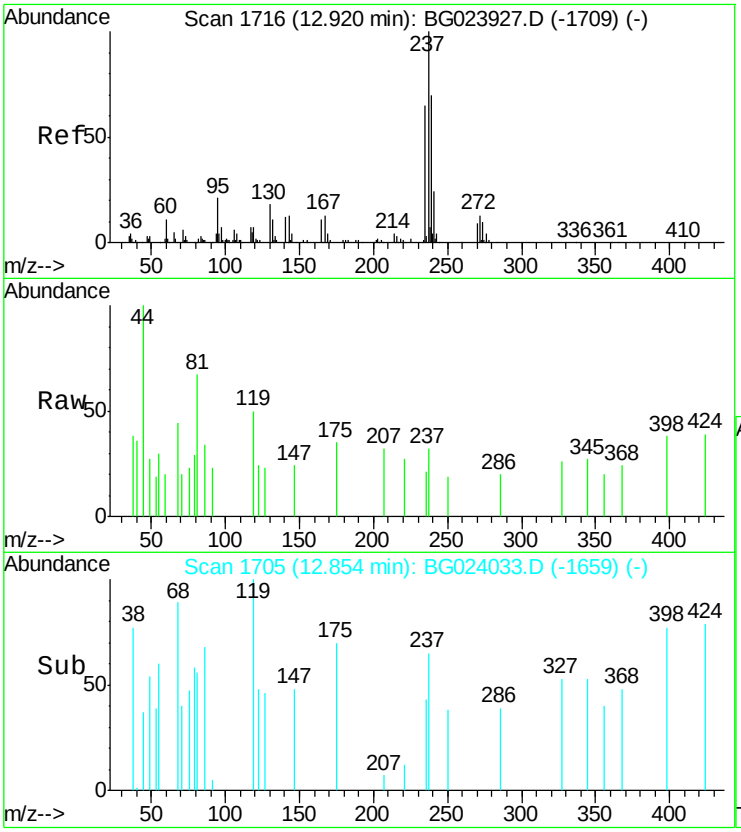


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Tgt Ion:164 Resp: 170891

Ion	Ratio	Lower	Upper
164	100		
162	106.9	87.7	131.5
160	48.8	37.2	55.8



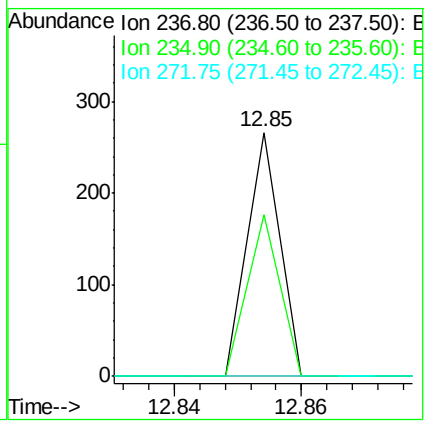


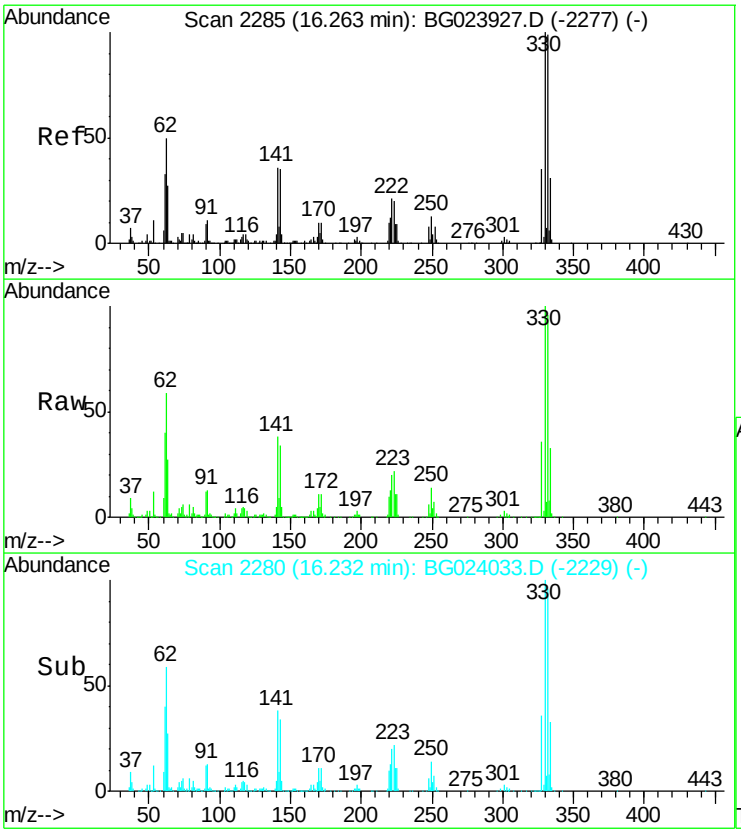
#40
Hexachlorocyclopentadiene
Concen: 7.11 ng
RT: 12.85 min Scan# 1705
Delta R.T. -0.03 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-3

Tgt Ion:237 Resp: 94

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

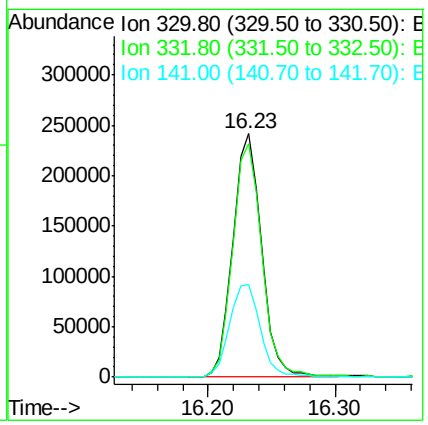


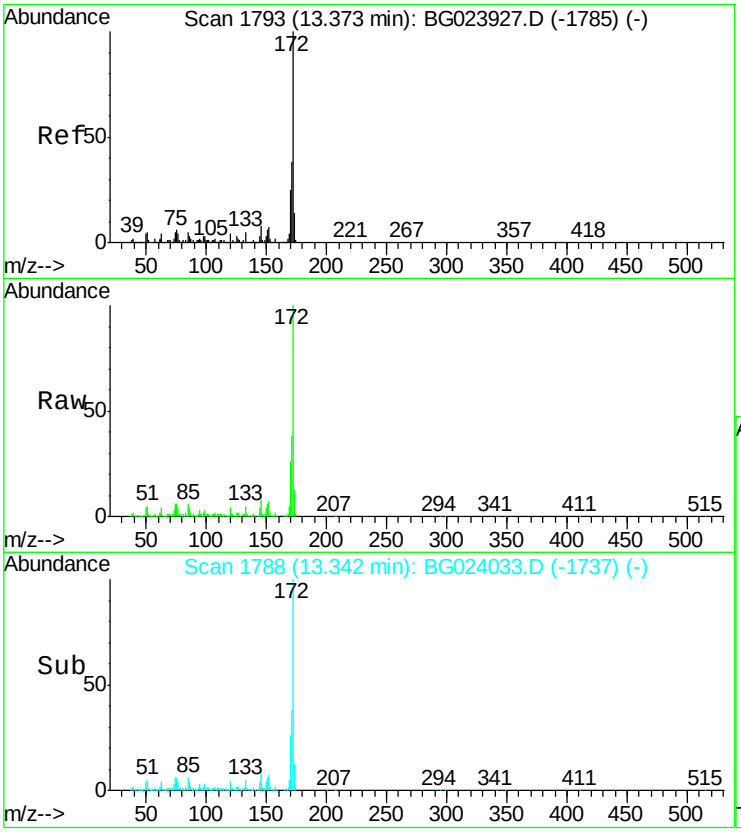


#41
2,4,6-Tribromophenol
Concen: 122.66 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Tgt Ion:330 Resp: 377652

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	40.9	31.7	47.5



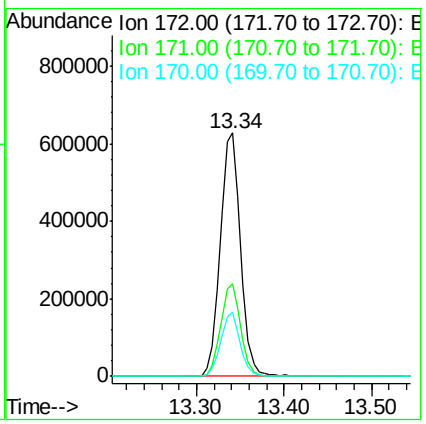


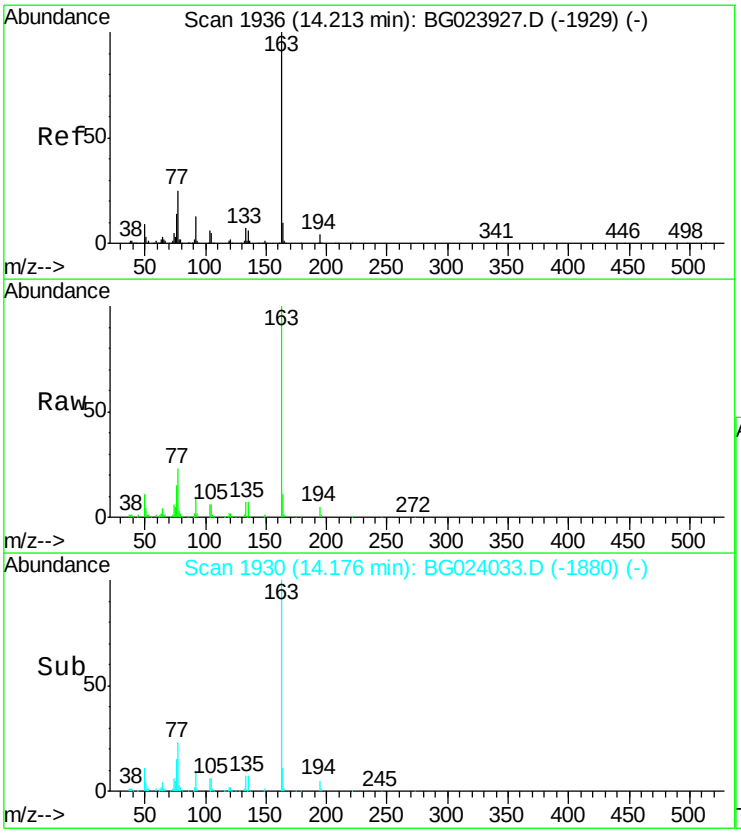
#44
2-Fluorobiphenyl
Concen: 84.18 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-3

Tgt Ion:172 Resp: 1003395

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.6	47.4
170	26.4	21.3	31.9

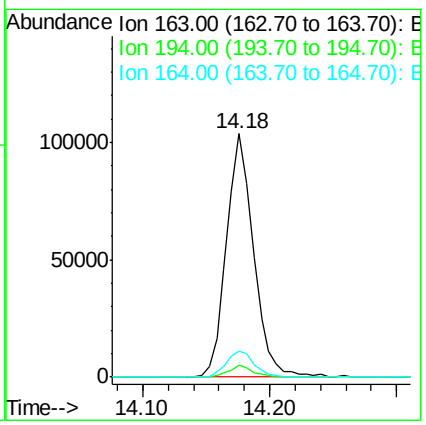


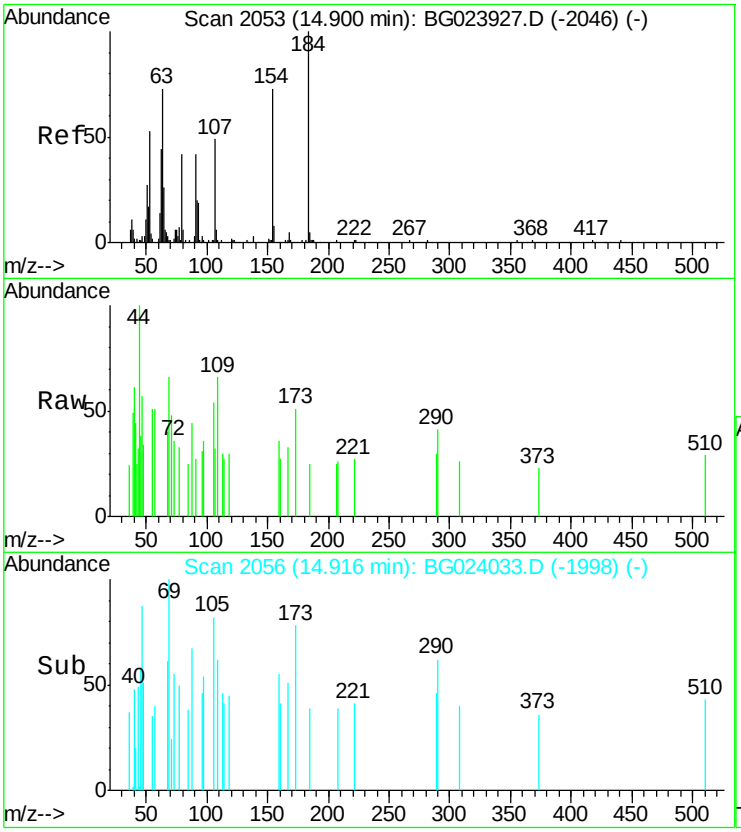


#49
Dimethylphthalate
Concen: 10.47 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Tgt Ion:163 Resp: 153423

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.7	8.1	12.1



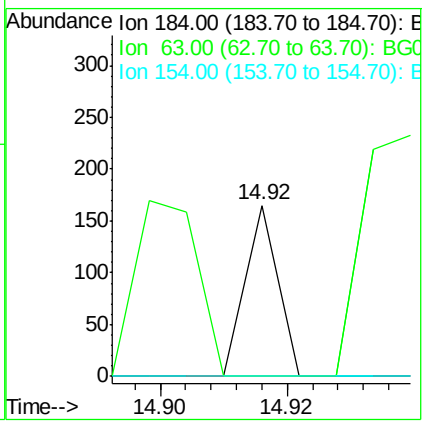


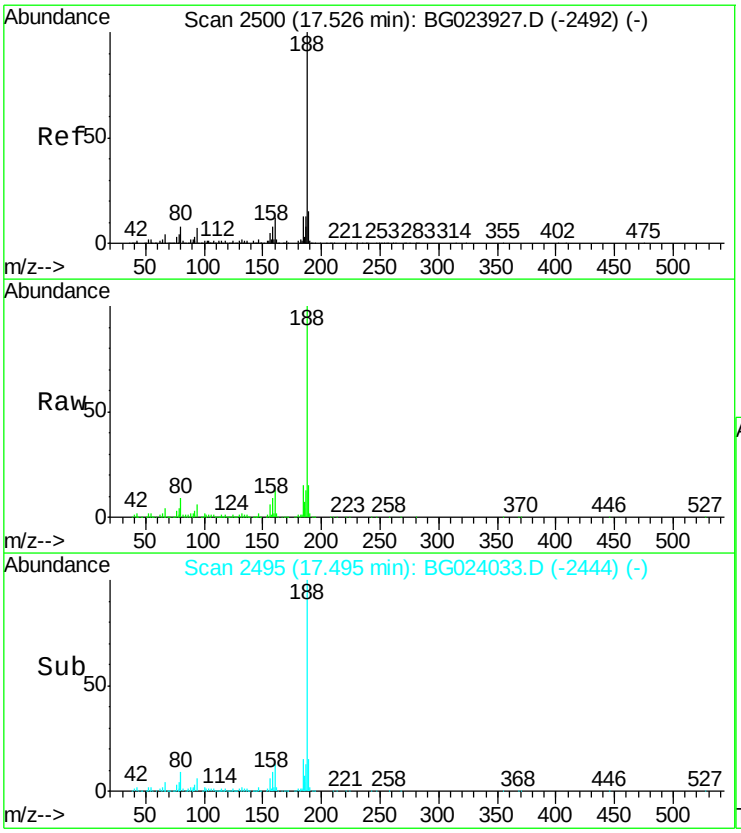
#53
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.04 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-3

Tgt Ion:184 Resp: 58

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

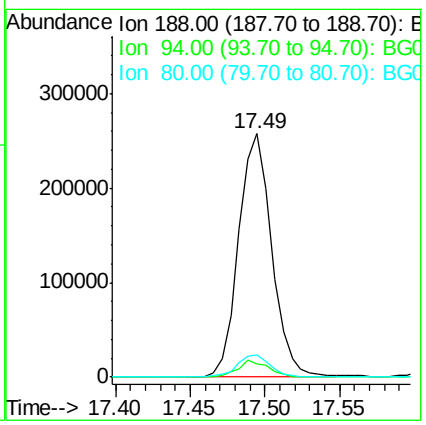


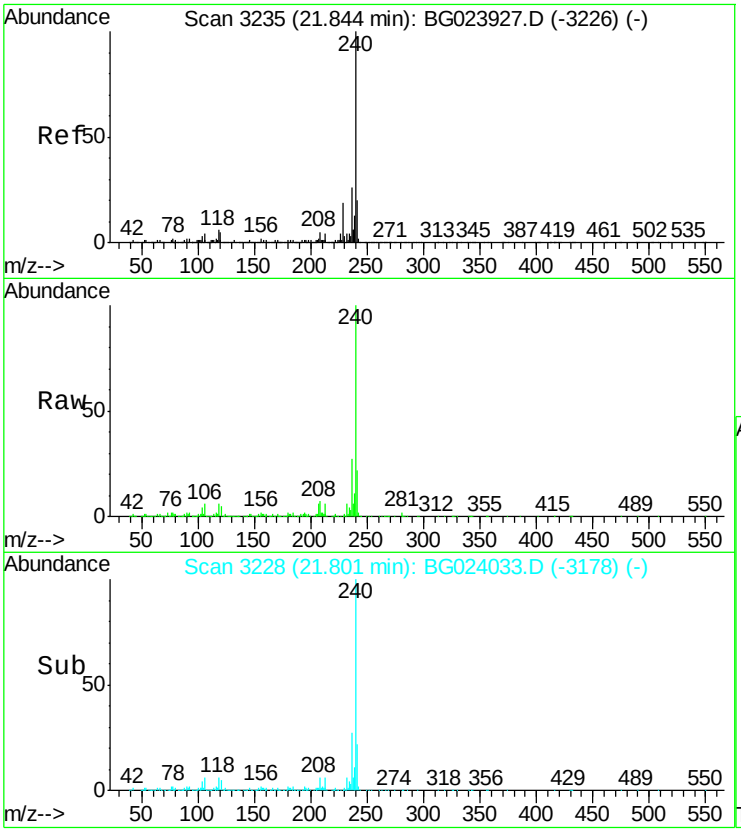


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Tgt Ion:188 Resp: 395545

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.2	7.8
80	8.9	7.2	10.8



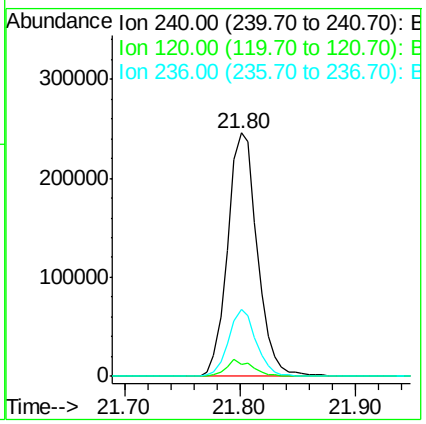


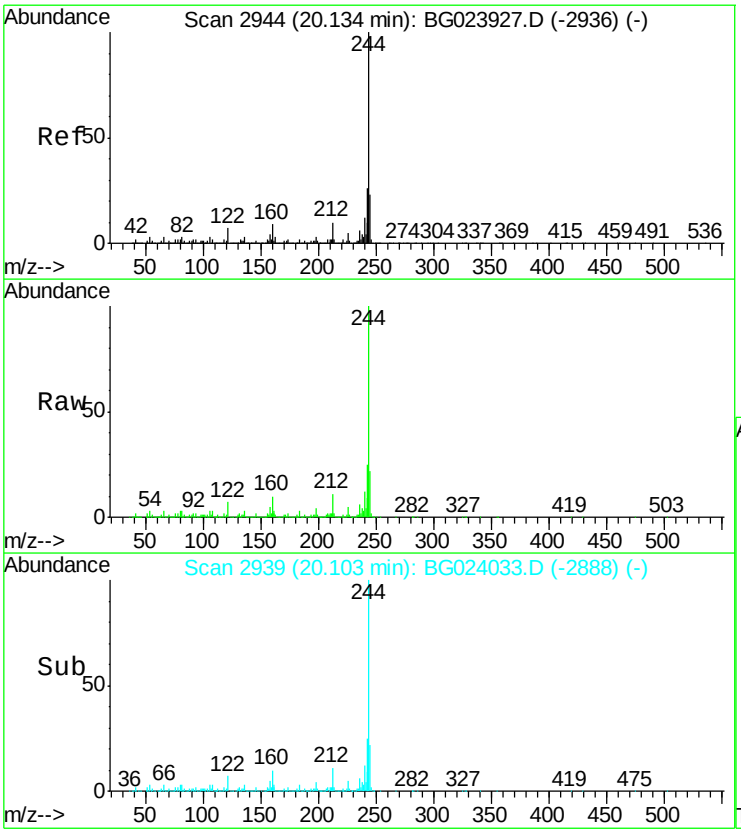
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-3

Tgt Ion:240 Resp: 436917

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.1	6.1
236	27.3	21.1	31.7

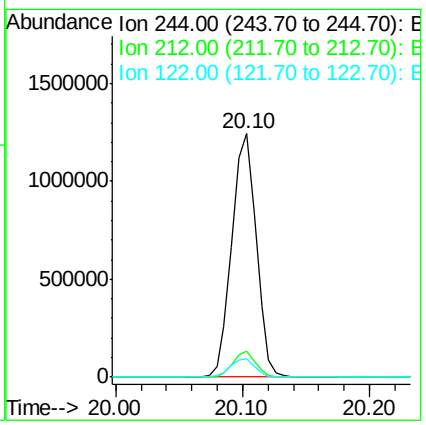


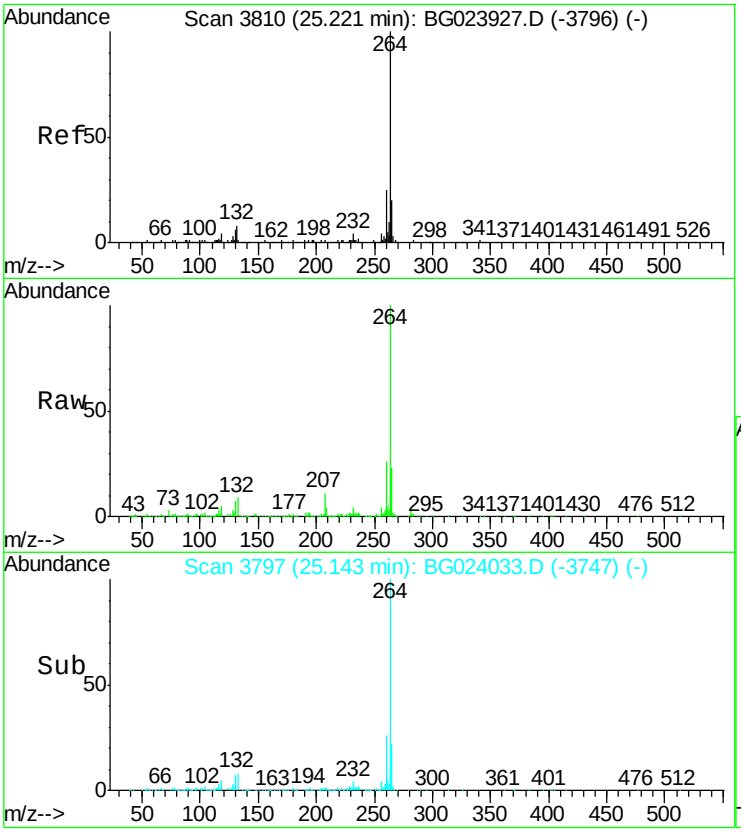


#78
Terphenyl-d14
Concen: 86.01 ng
RT: 20.10 min Scan# 2939
Delta R.T. -0.00 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Tgt Ion:244 Resp: 1650189

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.8	16.2
122	7.5	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3797
Delta R.T. -0.01 min
Lab File: BG024033.D
Acq: 20 Sep 2016 00:38

Instrument :
BNA_G
ClientSampleId :
YORK-SW1-3

Tgt Ion:264 Resp: 425349

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.4	27.6
265	22.5	18.9	28.3