Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
Data File : BG025421.D
Acq On : 30 Dec 2016 19:57
Operator : UM/SJ
Sample : H6318-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

Quant Time: Dec 30 22:12:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	56040	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	239947	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	187786	20.00	ng	-0.01
63) Phenanthrene-d10	17.58	188	415272	20.00	ng	0.00
75) Chrysene-d12	21.87	240	591017	20.00	ng	-0.01
86) Perylene-d12	25.28	264	648097	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	191388	62.08	ng	0.00
7) Phenol-d6	7.36	99	182636	42.06	ng	-0.01
23) Nitrobenzene-d5	9.39	82	485456	89.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	422882	139.88	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1106855	95.43	ng	0.00
78) Terphenyl-d14	20.16	244	2039402	91.49	ng	0.00
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	12.93	237	55	8.53	ng	# 29
49) Dimethylphthalate	14.28	163	37875	2.77	ng	# 88
53) 2,4-Dinitrophenol	14.99	184	179	5.16	ng	# 78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123016\
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Acq On : 30 Dec 2016 19:57
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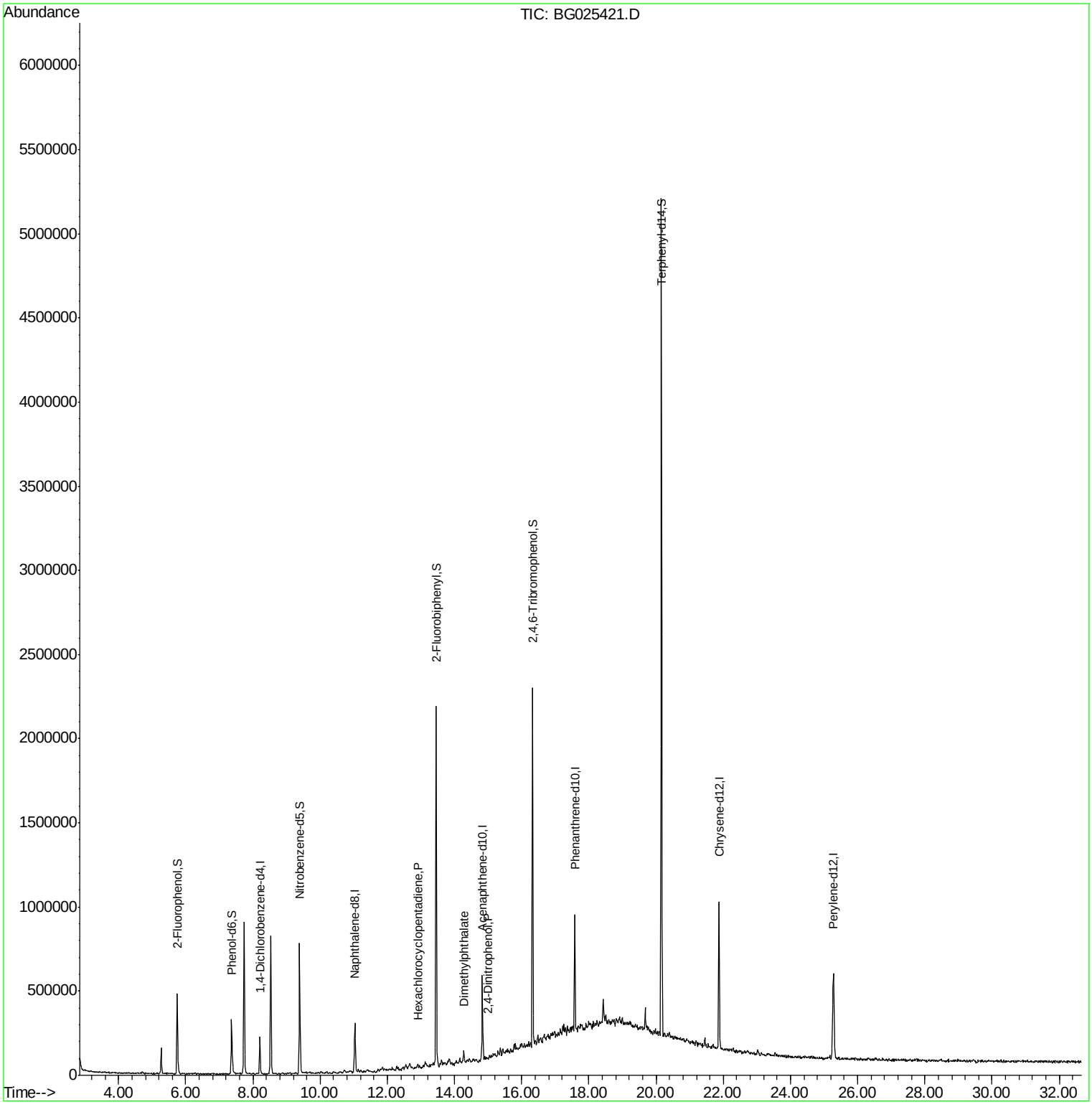
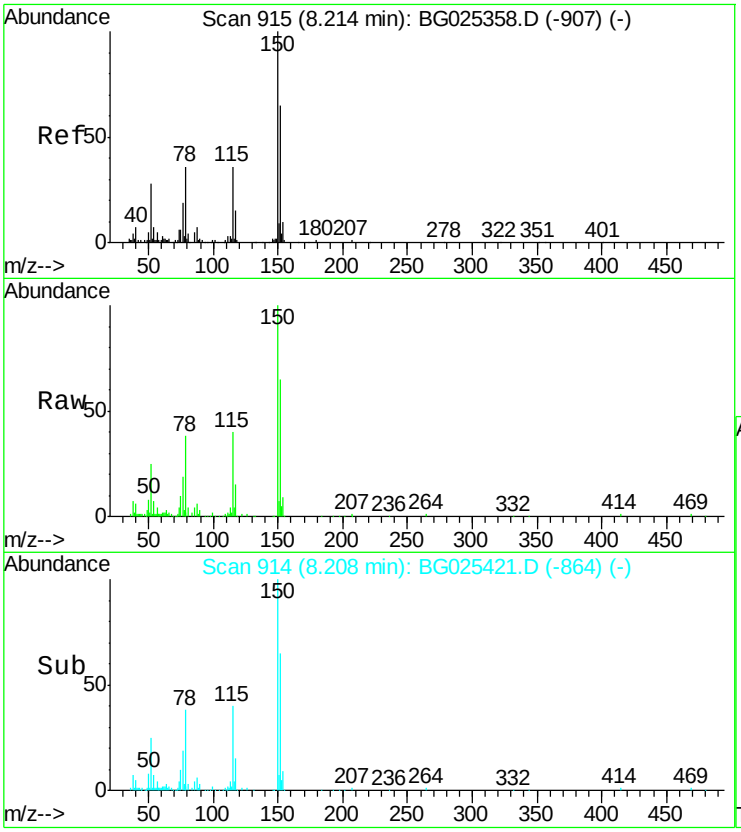


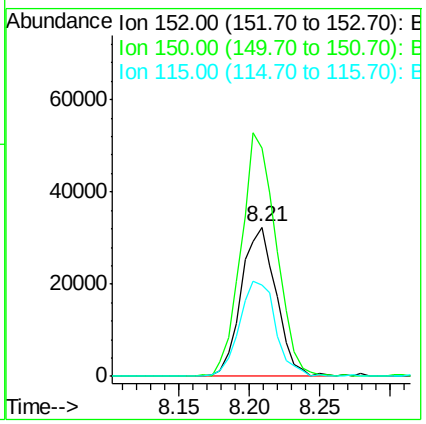


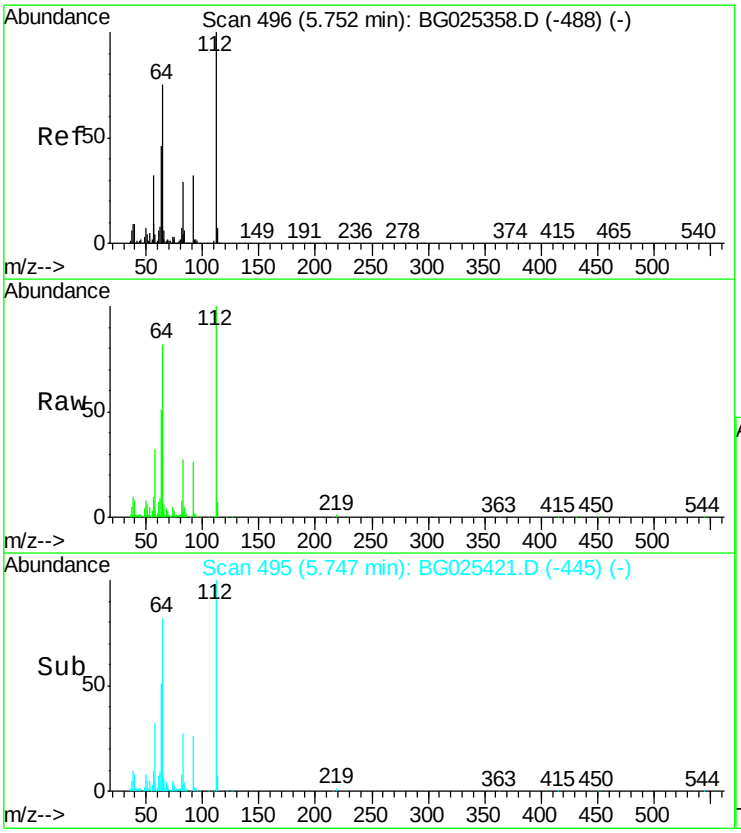
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 56040

Ion	Ratio	Lower	Upper
152	100		
150	152.7	114.0	171.0
115	61.5	48.1	72.1

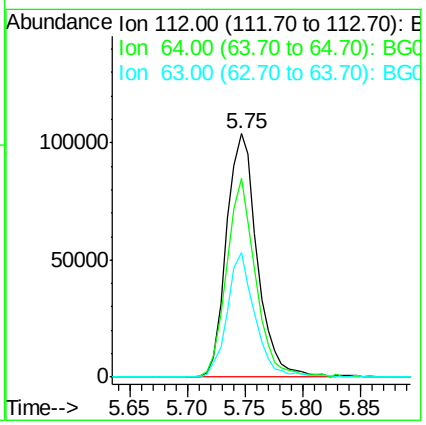


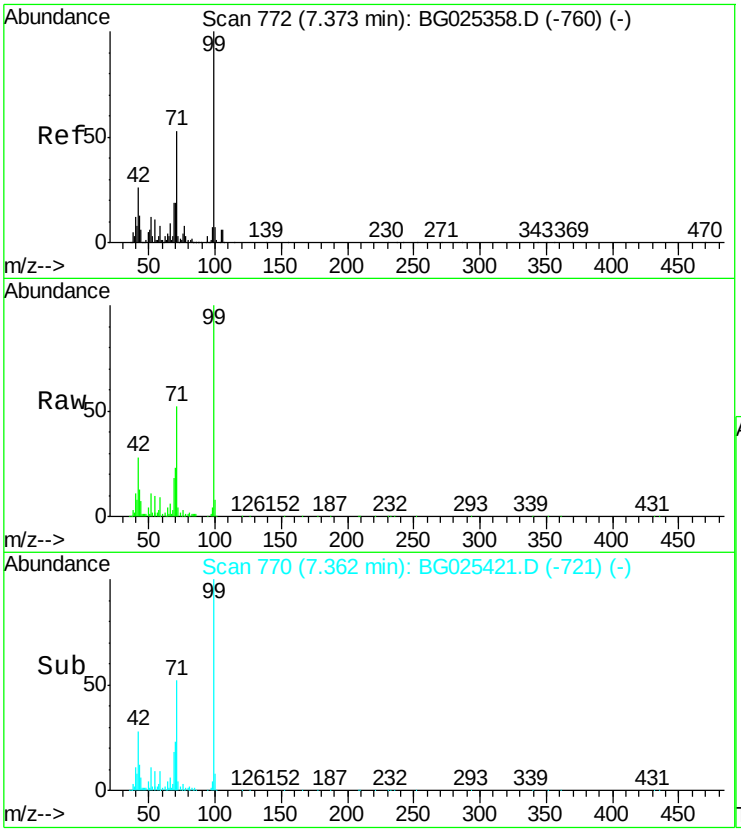


#5
2-Fluorophenol
Concen: 62.08 ng
RT: 5.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Tgt Ion:112 Resp: 191388

Ion	Ratio	Lower	Upper
112	100		
64	81.6	61.8	92.6
63	51.0	37.2	55.8



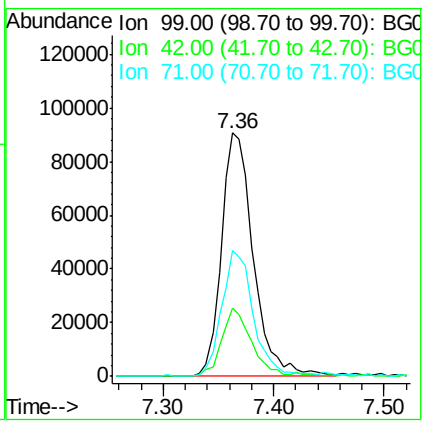


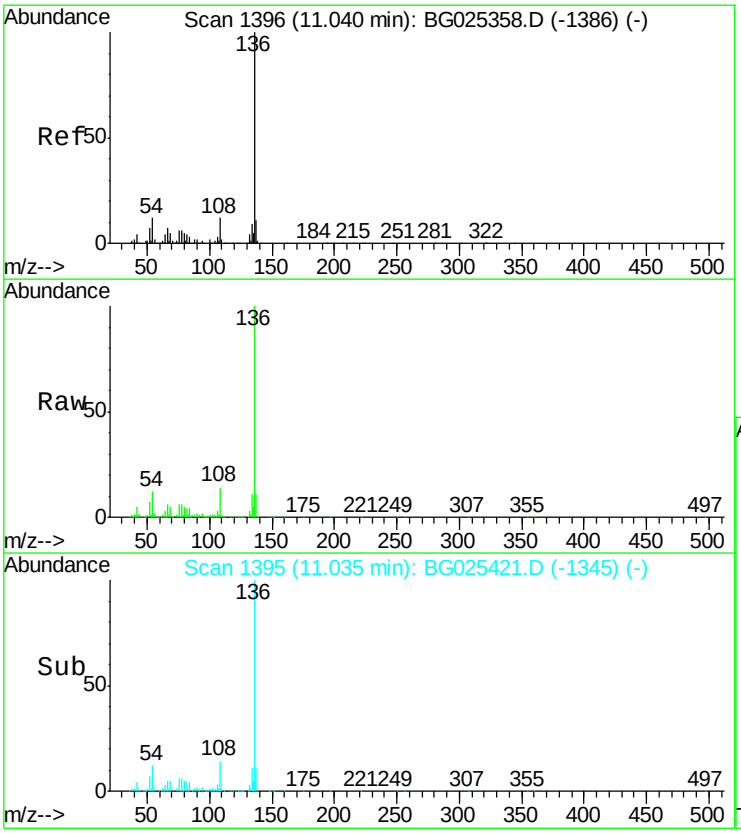
#7
Phenol-d6
Concen: 42.06 ng
RT: 7.36 min Scan# 770
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion: 99 Resp: 182636

Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.5	30.7
71	51.7	37.6	56.4

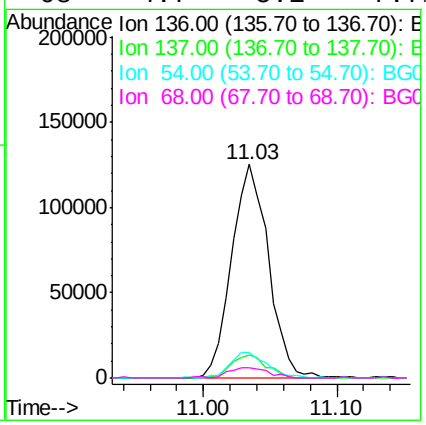


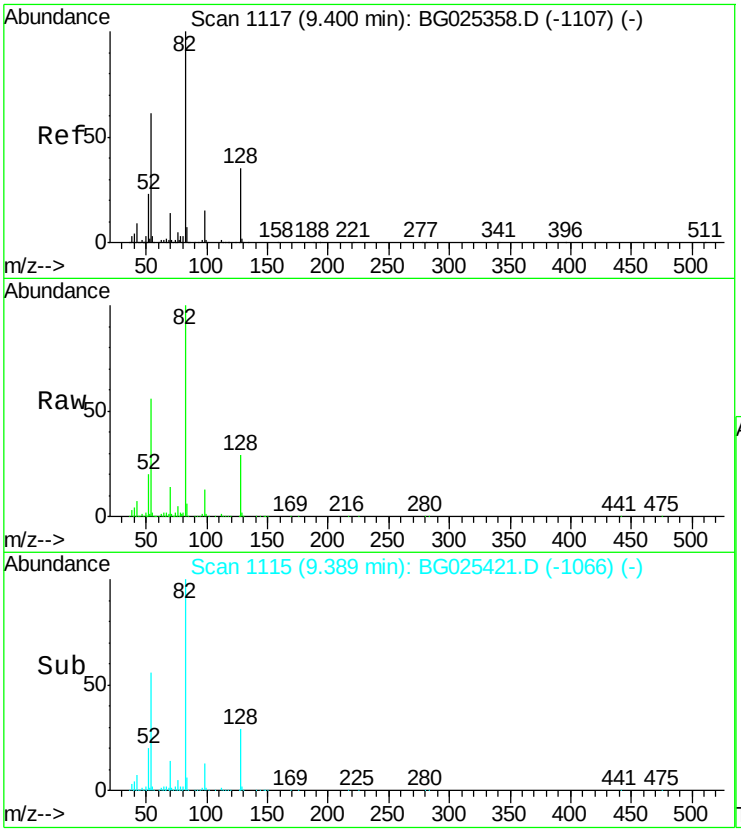


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Tgt Ion:136 Resp: 239947

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	11.7	9.3	13.9
68	4.7	5.1	7.7#



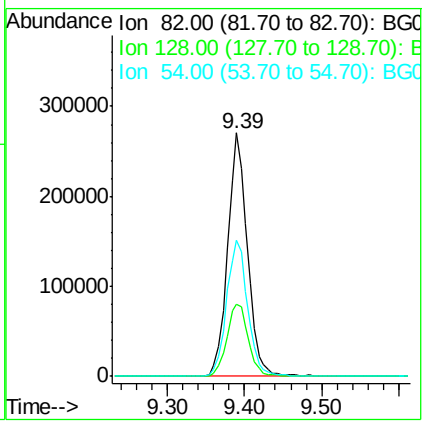


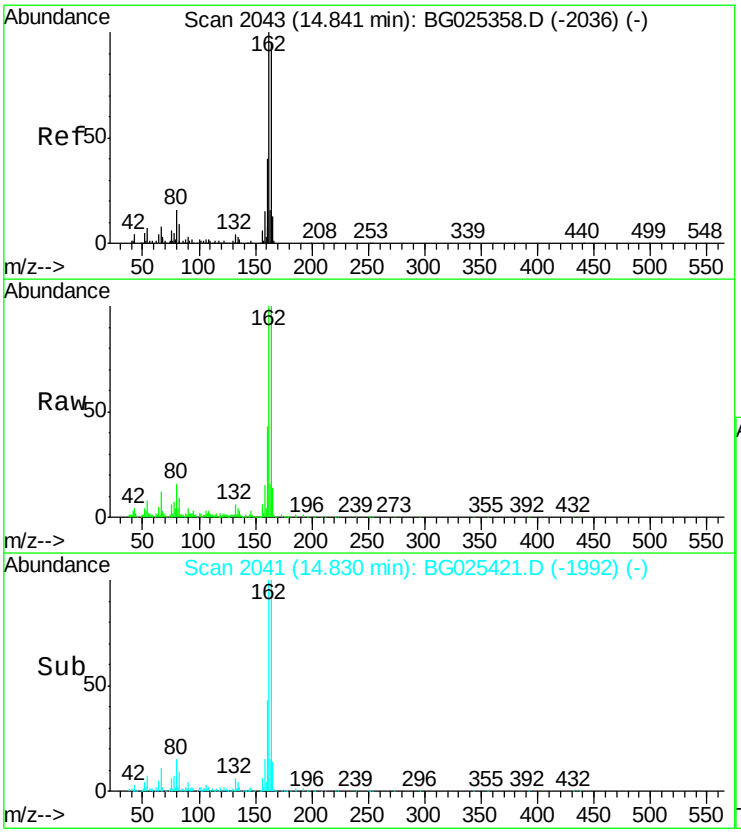
#23
Nitrobenzene-d5
Concen: 89.38 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion: 82 Resp: 485456

Ion	Ratio	Lower	Upper
82	100		
128	29.4	26.4	39.6
54	56.1	49.4	74.2

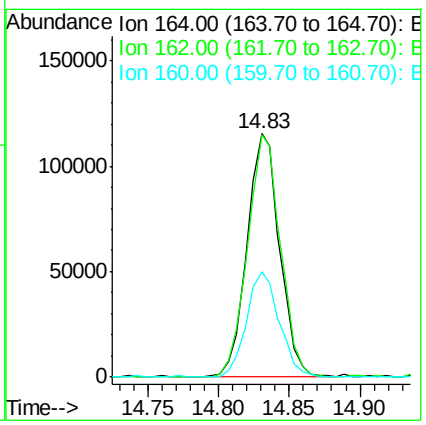


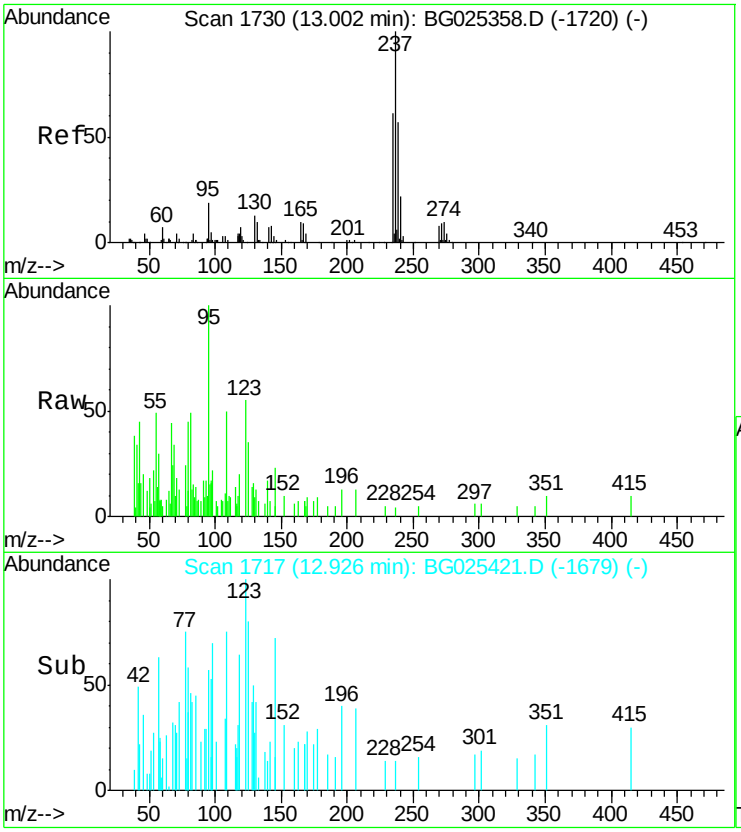


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Tgt Ion:164 Resp: 187786

Ion	Ratio	Lower	Upper
164	100		
162	99.8	85.1	127.7
160	43.5	34.7	52.1



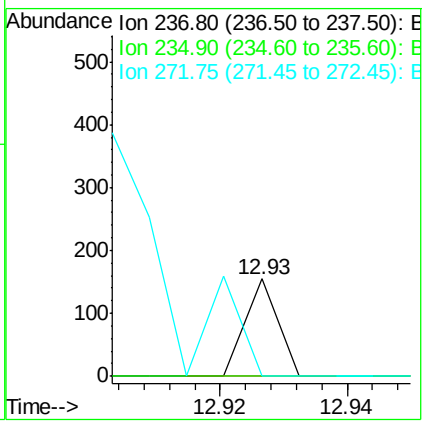


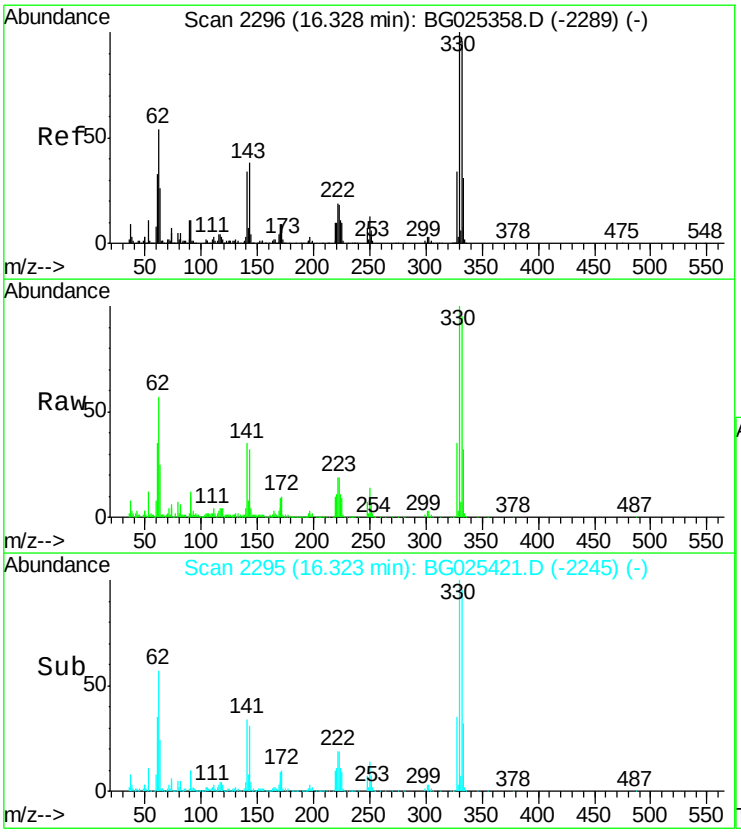
#40
Hexachlorocyclopentadiene
Concen: 8.53 ng
RT: 12.93 min Scan# 1717
Delta R.T. -0.08 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:237 Resp: 55

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0

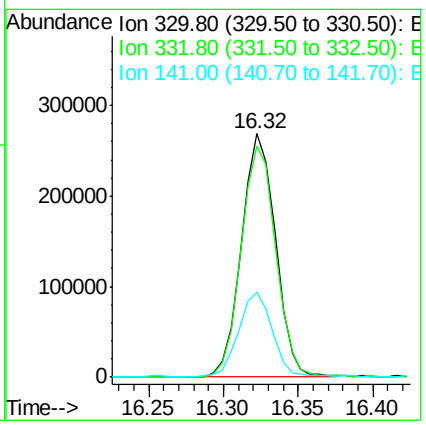


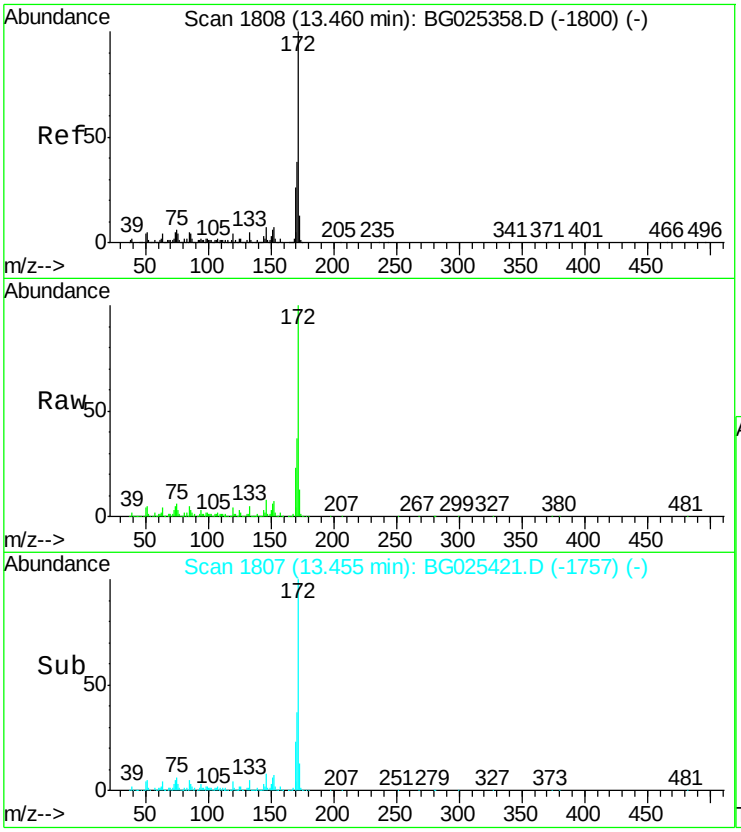


#41
2,4,6-Tribromophenol
Concen: 139.88 ng
RT: 16.32 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Tgt Ion:330 Resp: 422882

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	34.1	32.1	48.1



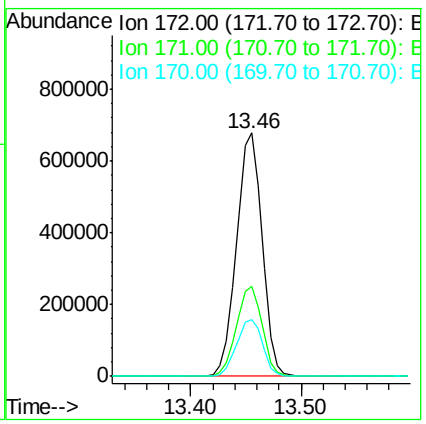


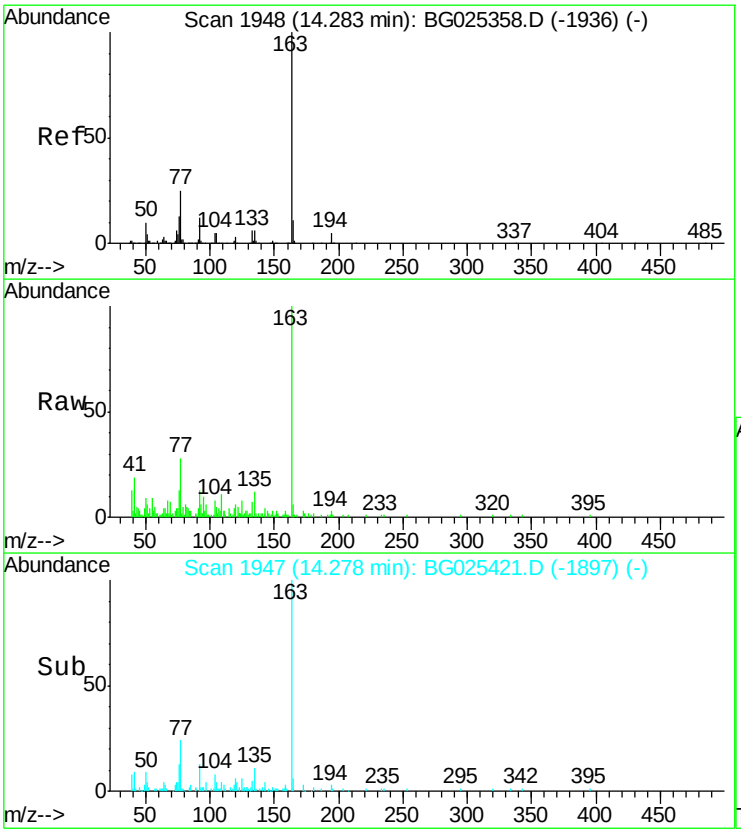
#44
2-Fluorobiphenyl
Concen: 95.43 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:172 Resp: 1106855

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	23.4	21.8	32.6

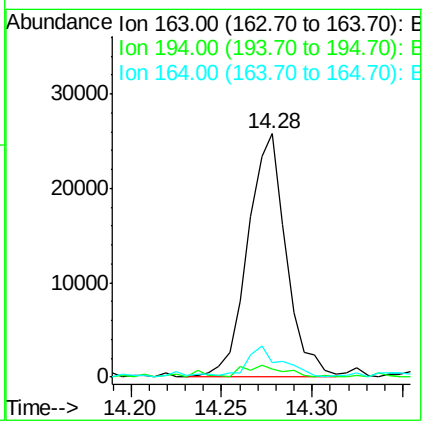


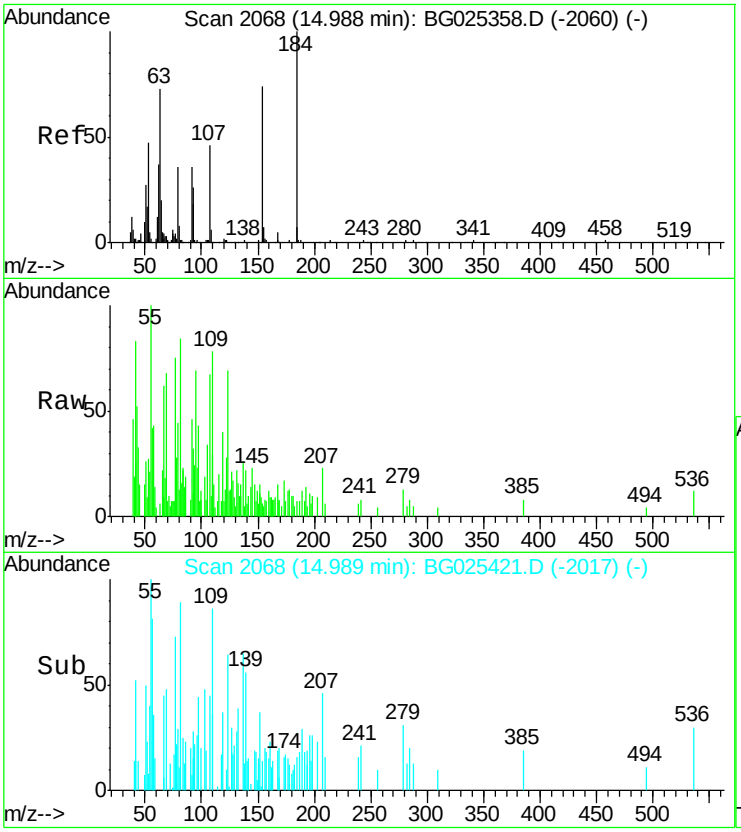


#49
Dimethylphthalate
Concen: 2.77 ng
RT: 14.28 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Tgt Ion:163 Resp: 37875

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.8	5.6#
164	5.8	9.3	13.9#



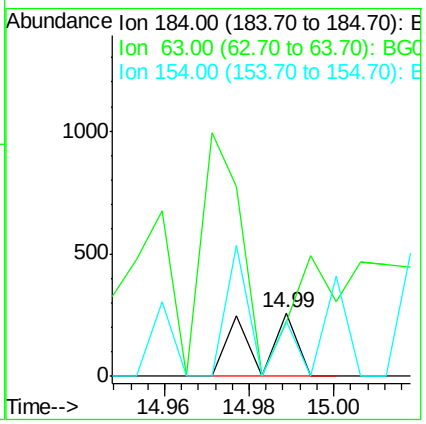


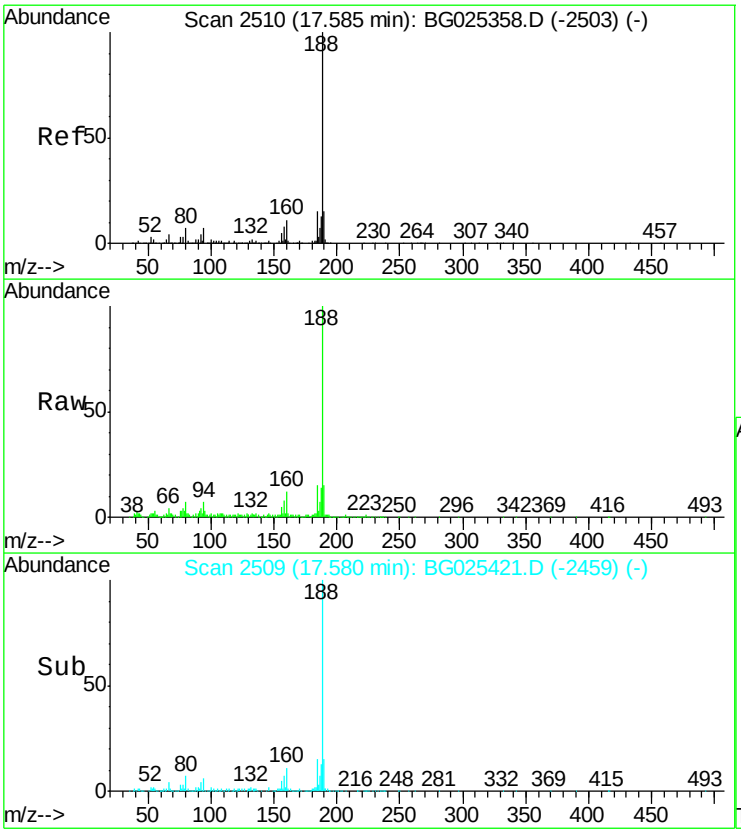
#53
2,4-Dinitrophenol
Concen: 5.16 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:184 Resp: 179

Ion	Ratio	Lower	Upper
184	100		
63	85.7	52.7	79.1#
154	88.4	57.3	85.9#

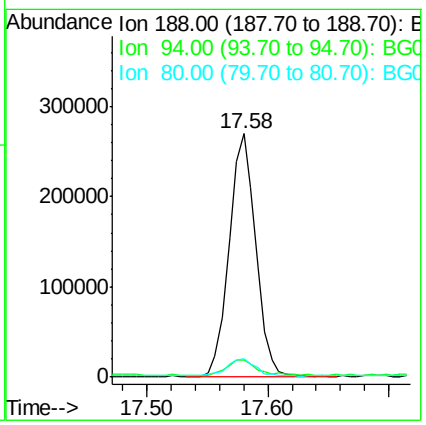


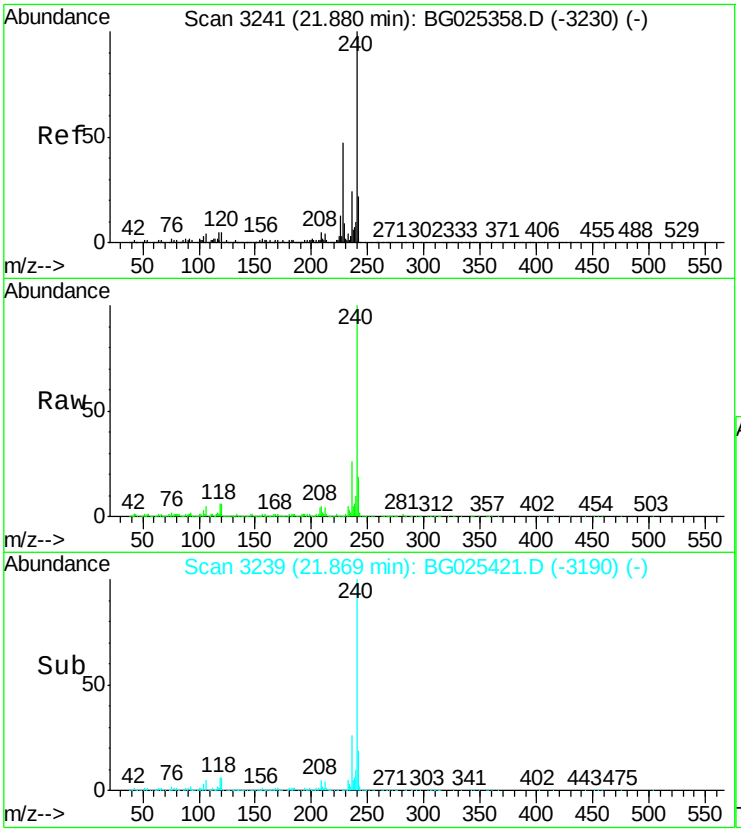


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Tgt Ion:188 Resp: 415272

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.8
80	7.5	7.5	11.3#



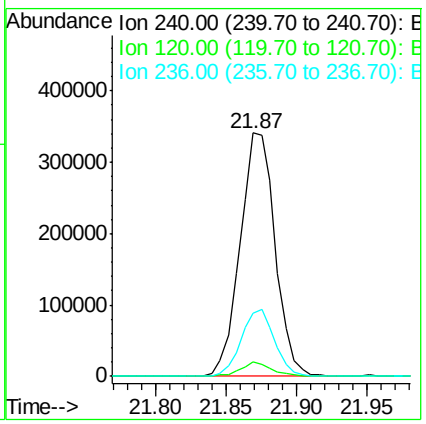


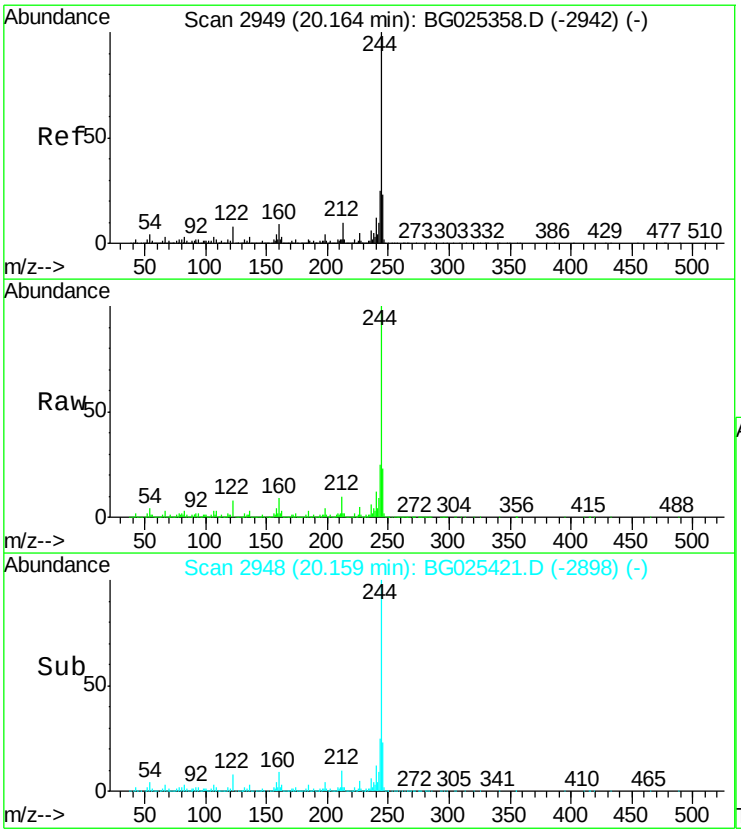
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:240 Resp: 591017

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	25.9	22.2	33.4

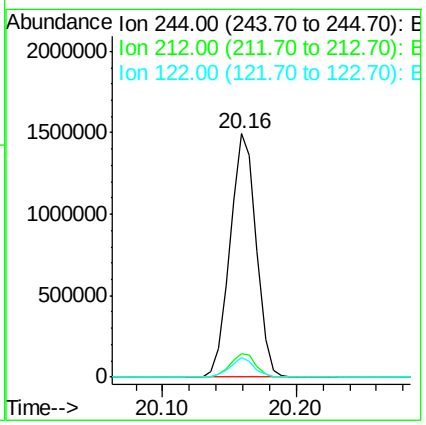


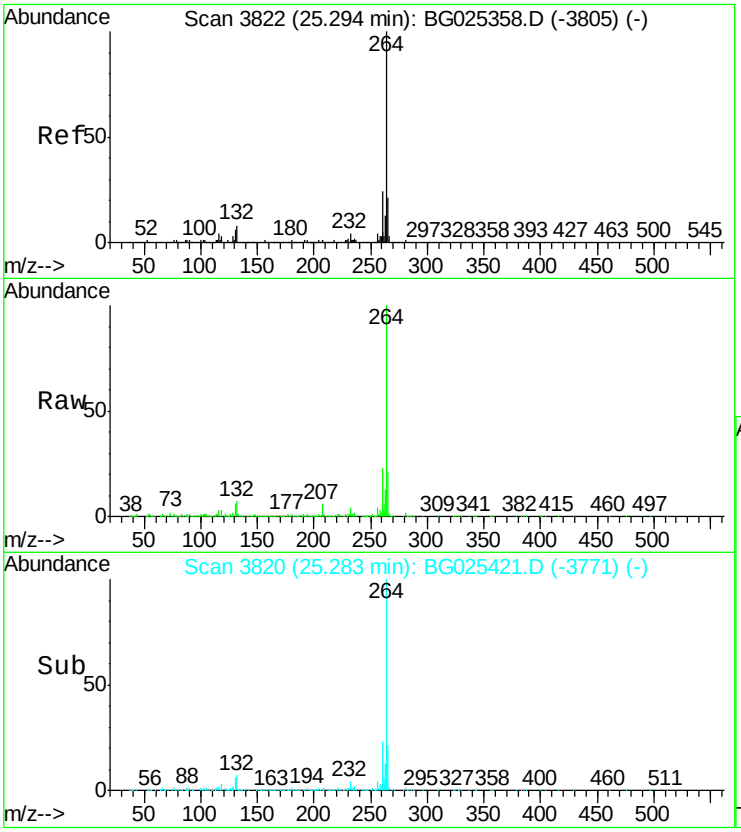


#78
Terphenyl-d14
Concen: 91.49 ng
RT: 20.16 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Tgt Ion:244 Resp: 2039402

Ion	Ratio	Lower	Upper
244	100		
212	9.5	10.0	15.0#
122	7.8	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:264 Resp: 648097

Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	21.5	18.2	27.4