Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021012.D
Acq On : 20 Feb 2016 17:12
Operator : SJ/UM
Sample : H1453-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Time: Feb 22 00:20:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	22616	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	119240	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	70680	20.00	ng		-0.02
63) Phenanthrene-d10	17.61	188	134836	20.00	ng		-0.01
75) Chrysene-d12	21.88	240	124074	20.00	ng		-0.02
86) Perylene-d12	25.26	264	119216	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	125979	93.81	ng		0.00
7) Phenol-d6	7.40	99	128074	65.25	ng		0.00
23) Nitrobenzene-d5	9.43	82	178682	98.53	ng		-0.01
41) 2,4,6-Tribromophenol	16.36	330	107409	154.53	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	514022	102.16	ng		-0.01
78) Terphenyl-d14	20.19	244	565540	106.33	ng		-0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.72	142	17846	4.12	ng		98
49) Dimethylphthalate	14.31	163	16123	2.92	ng	#	96

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

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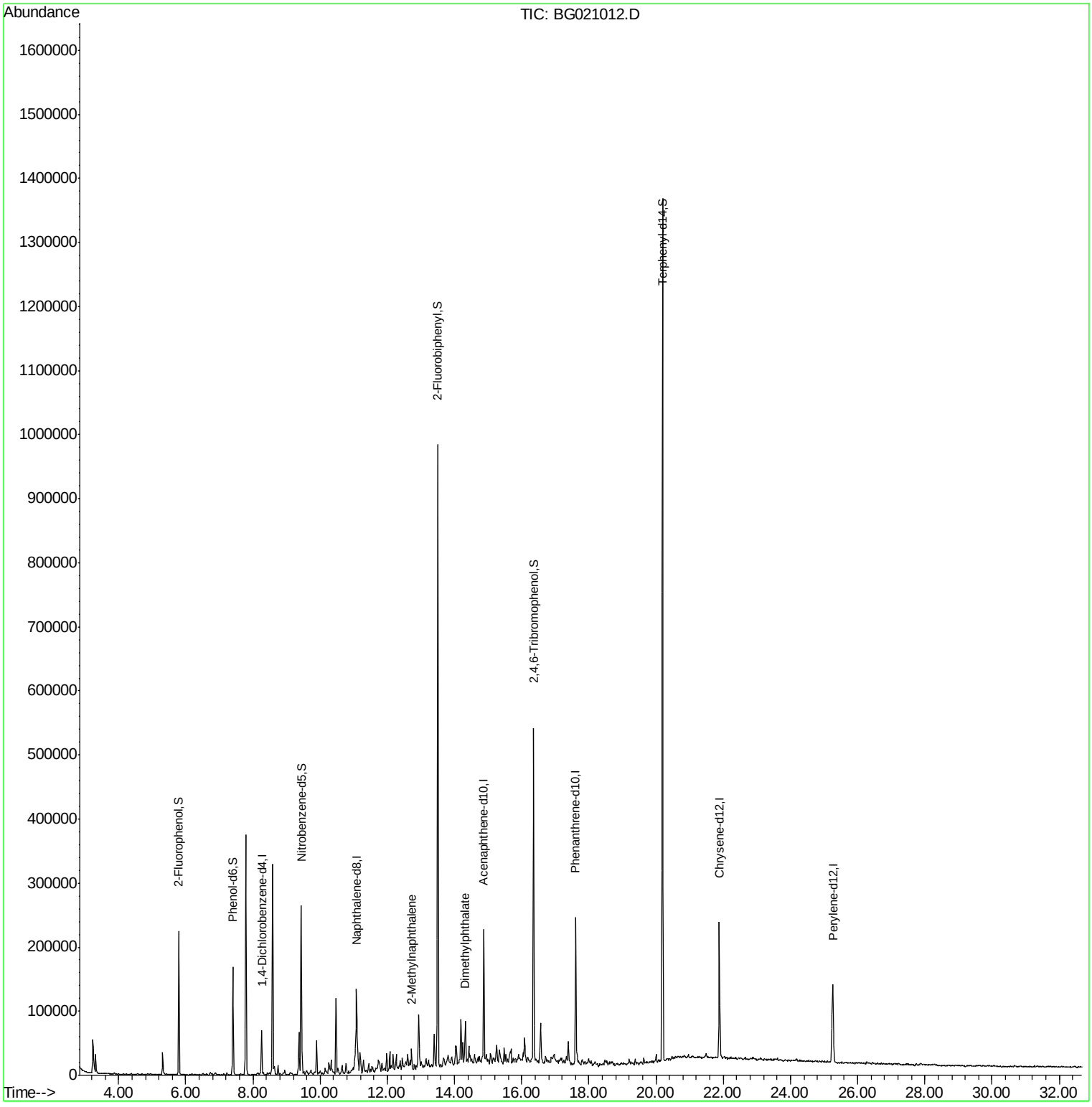
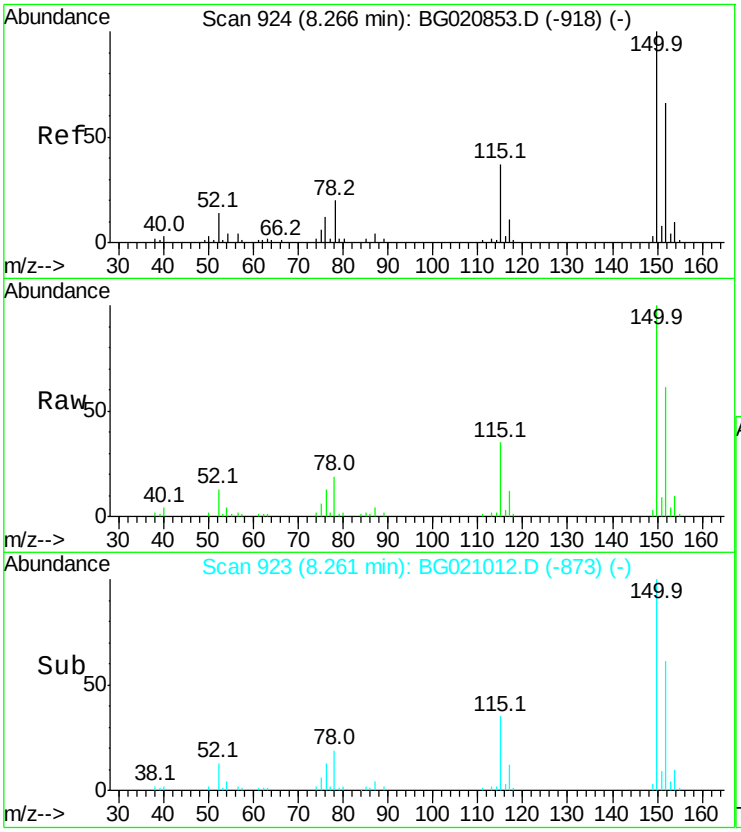


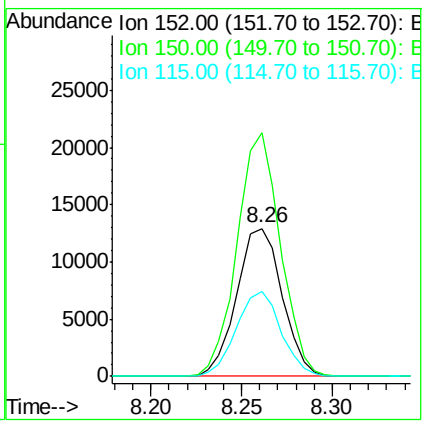


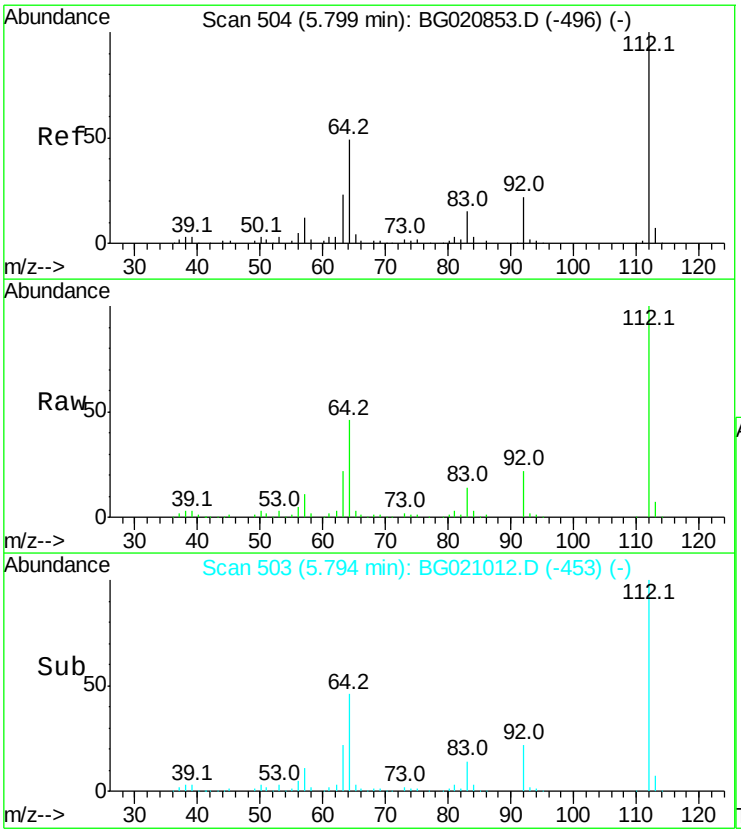
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion:152 Resp: 22616

Ion	Ratio	Lower	Upper
152	100		
150	164.5	122.0	183.0
115	57.1	45.2	67.8

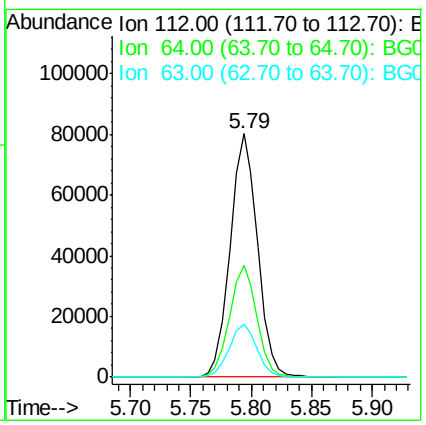


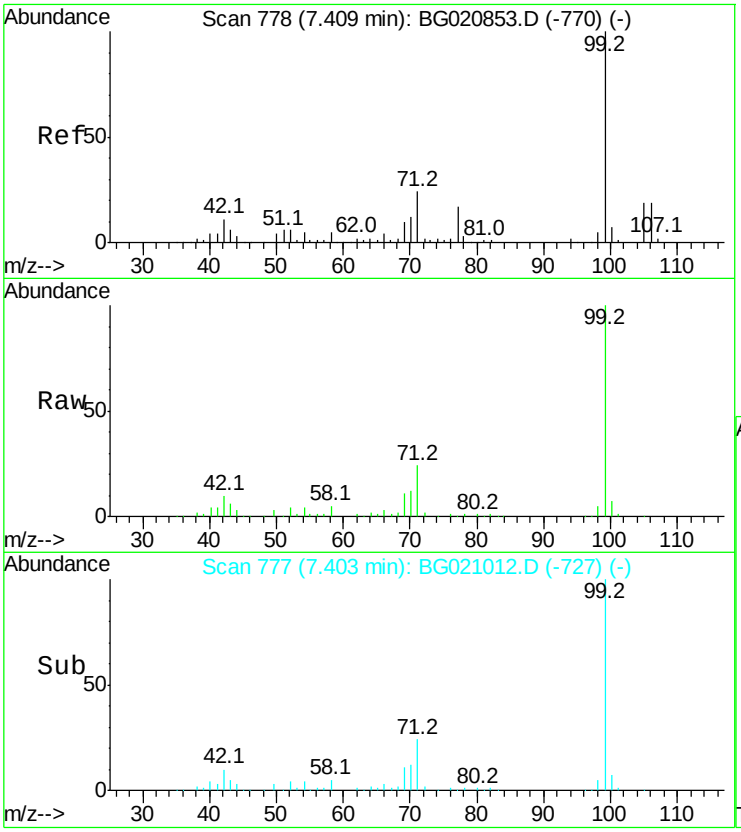


#5
2-Fluorophenol
Concen: 93.81 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:112 Resp: 125979

Ion	Ratio	Lower	Upper
112	100		
64	45.8	39.3	58.9
63	22.0	18.2	27.4



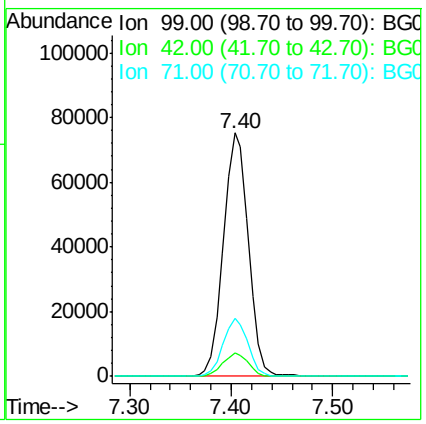


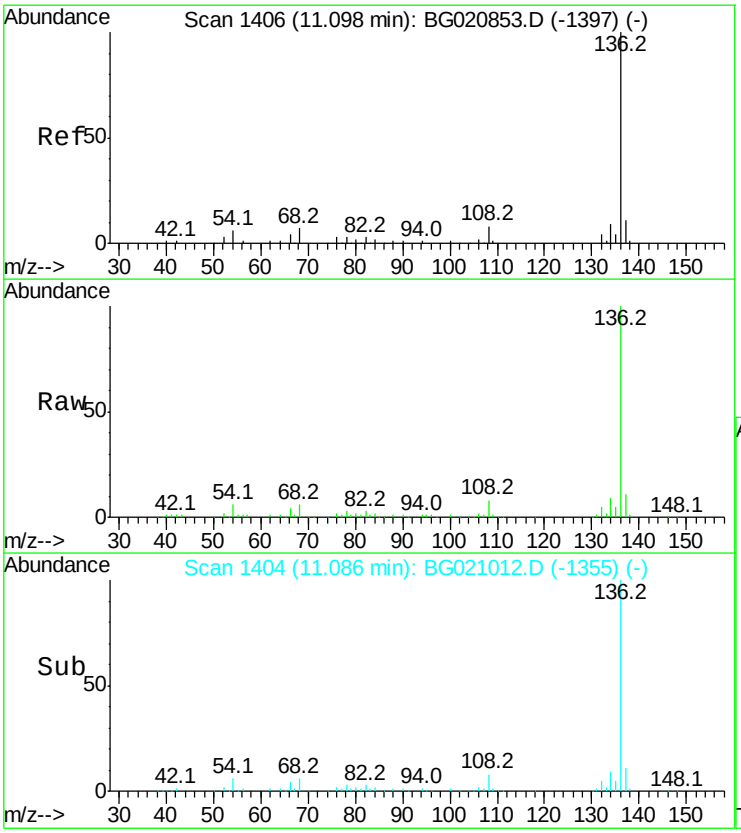
#7
Phenol-d6
Concen: 65.25 ng
RT: 7.40 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion: 99 Resp: 128074

Ion	Ratio	Lower	Upper
99	100		
42	9.6	8.4	12.6
71	23.9	19.4	29.0

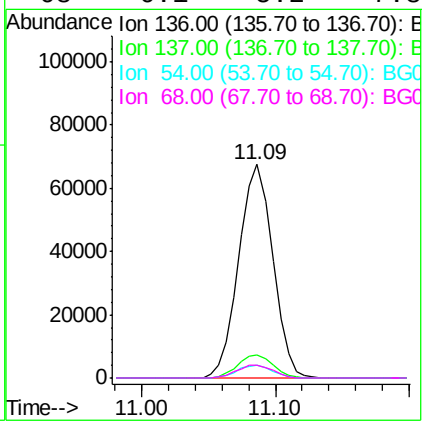


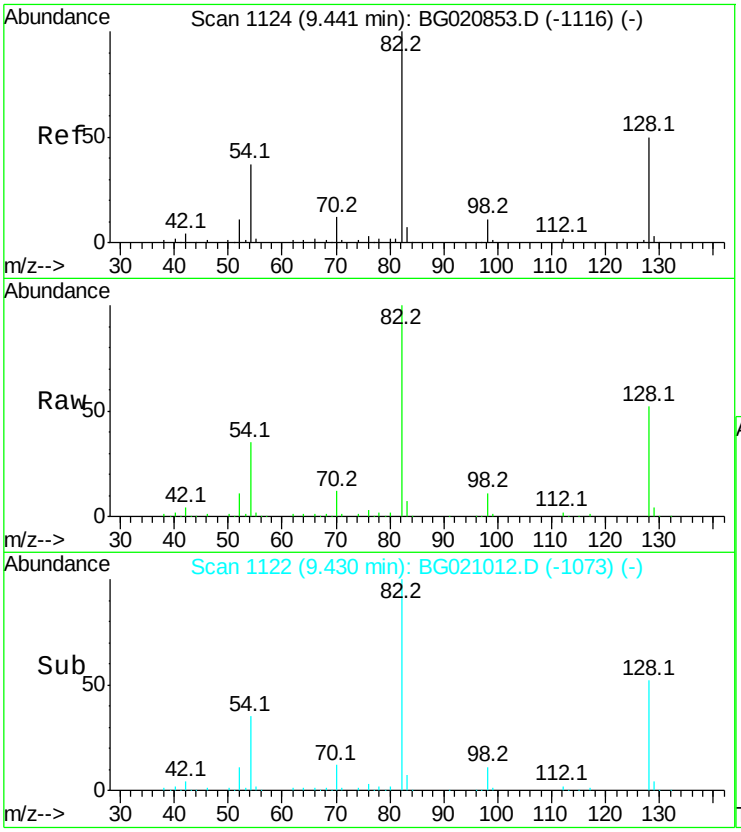


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:136 Resp: 119240

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	5.9	5.0	7.4
68	6.1	5.2	7.8



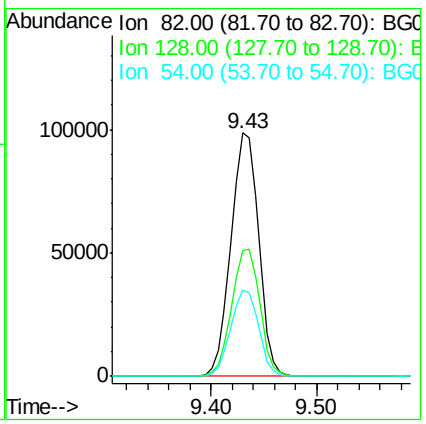


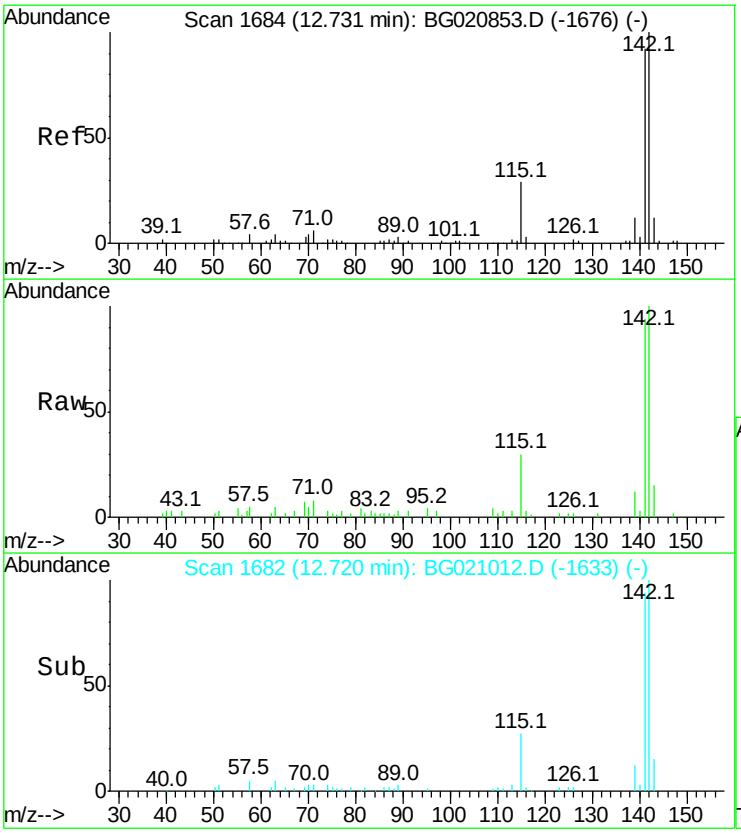
#23
Nitrobenzene-d5
Concen: 98.53 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion: 82 Resp: 178682

Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.1	60.1
54	35.2	29.5	44.3

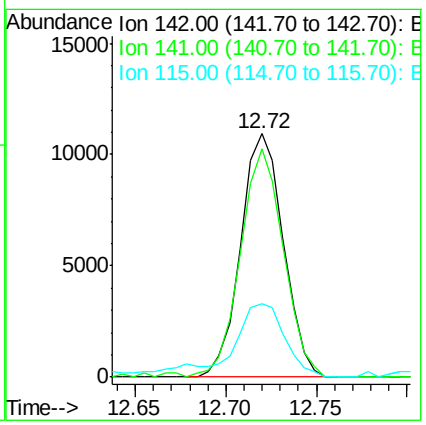


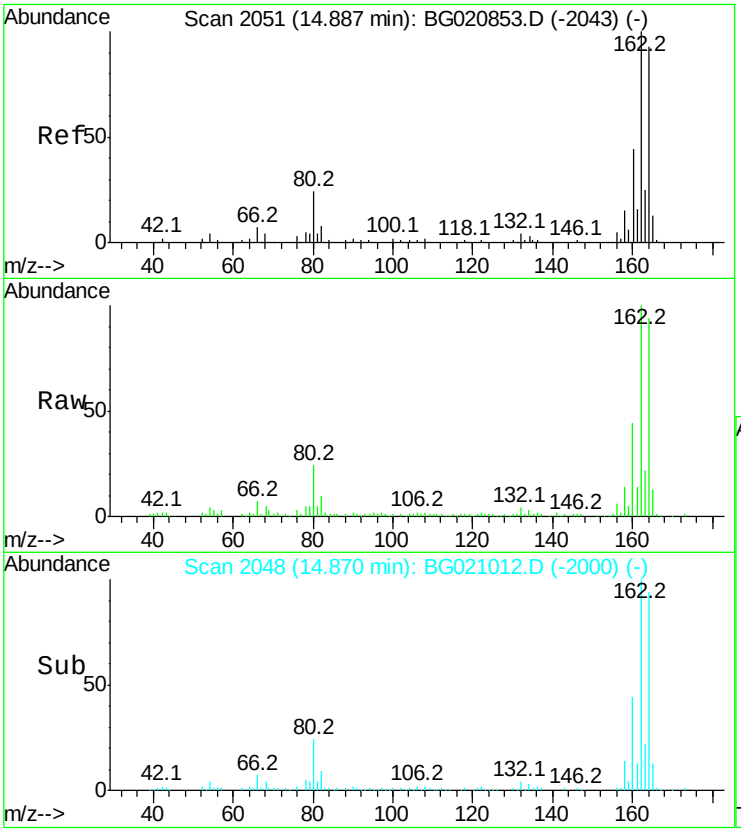


#37
2-Methylnaphthalene
Concen: 4.12 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:142 Resp: 17846

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.4	110.2
115	30.1	23.0	34.6



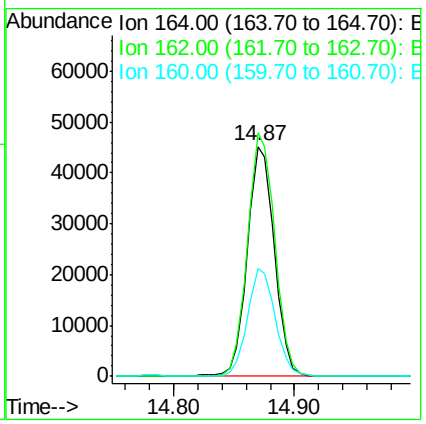


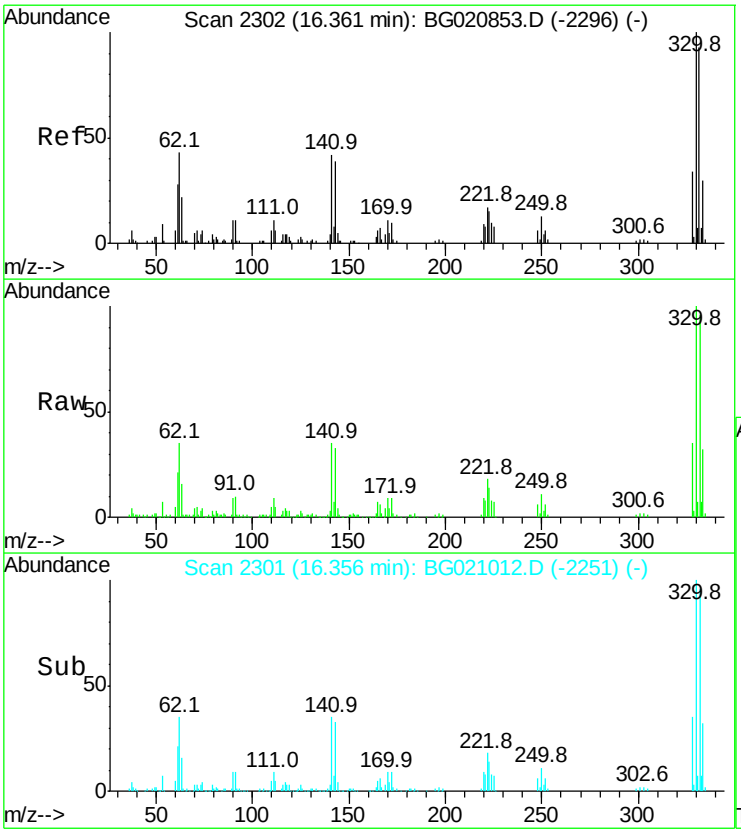
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion:164 Resp: 70680

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.7	128.5
160	46.9	37.4	56.0

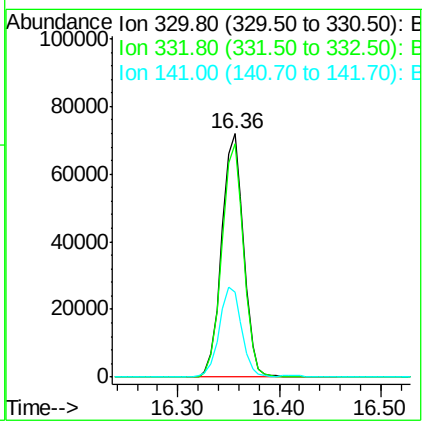


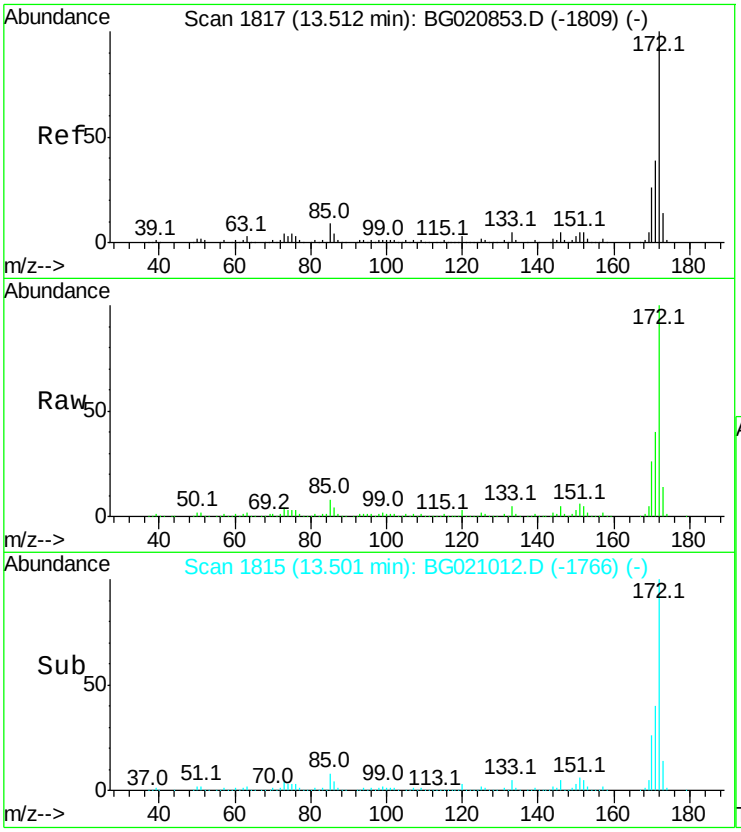


#41
2,4,6-Tribromophenol
Concen: 154.53 ng
RT: 16.36 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:330 Resp: 107409

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	37.1	32.0	48.0



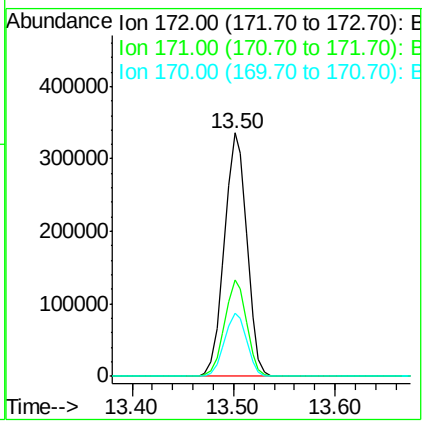


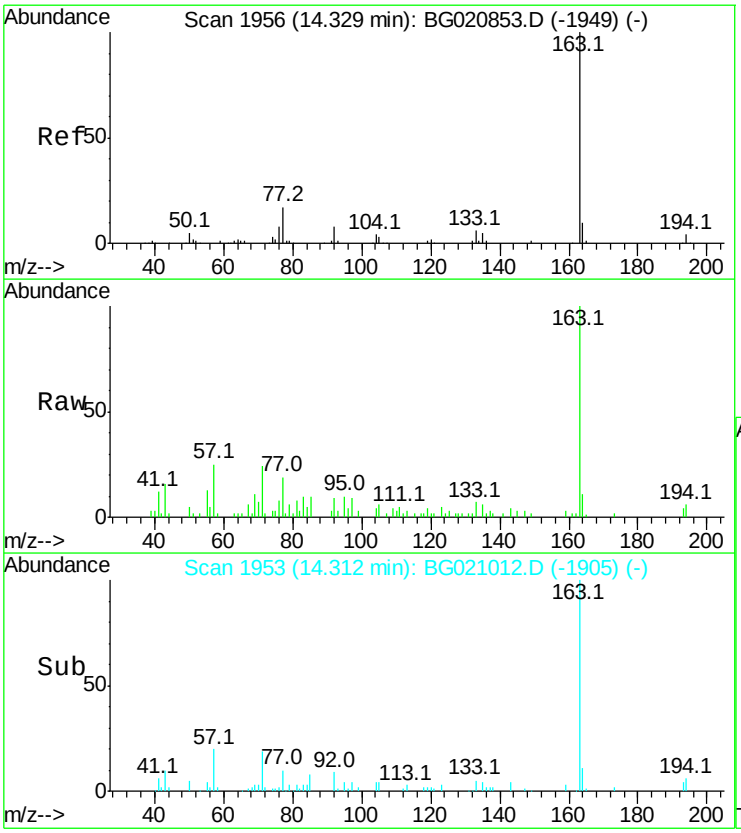
#44
2-Fluorobiphenyl
Concen: 102.16 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion:172 Resp: 514022

Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.2	46.8
170	26.0	20.6	30.8

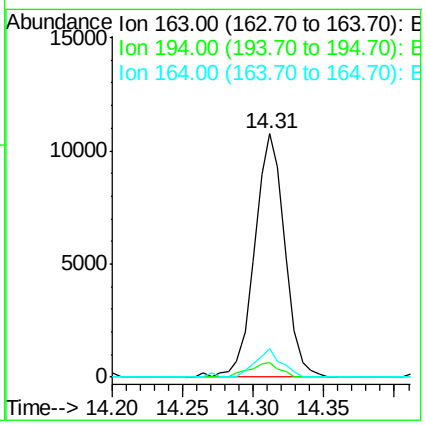


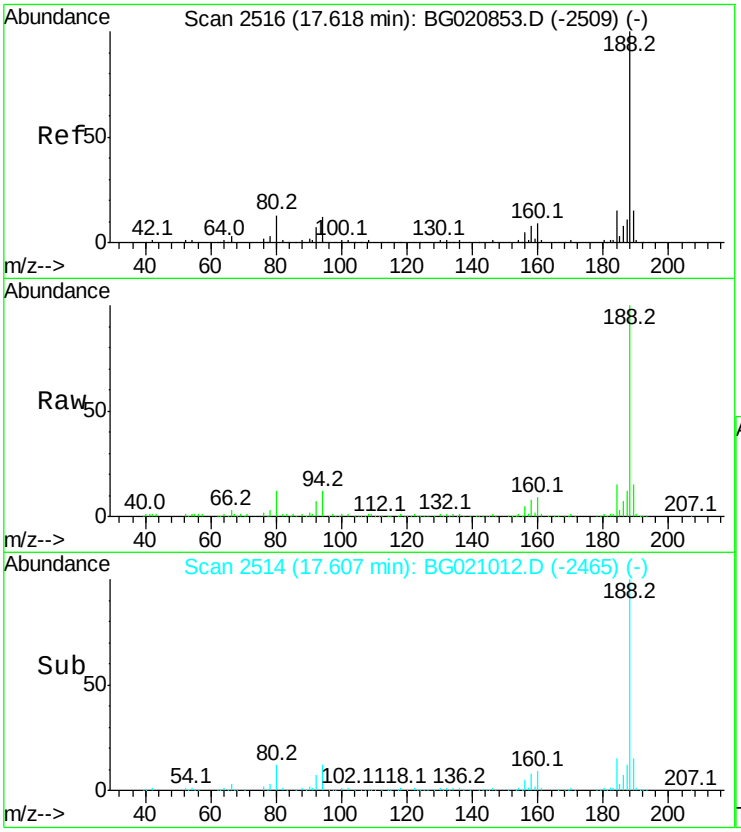


#49
Dimethylphthalate
Concen: 2.92 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:163 Resp: 16123

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.1	4.7#
164	11.5	8.3	12.5



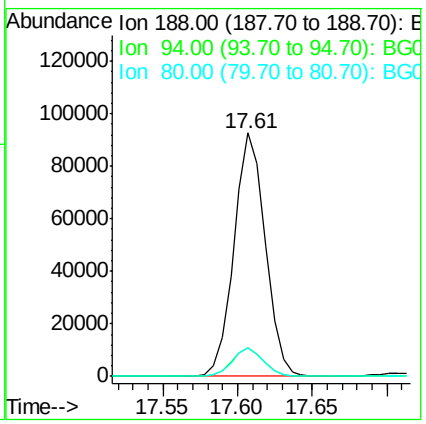


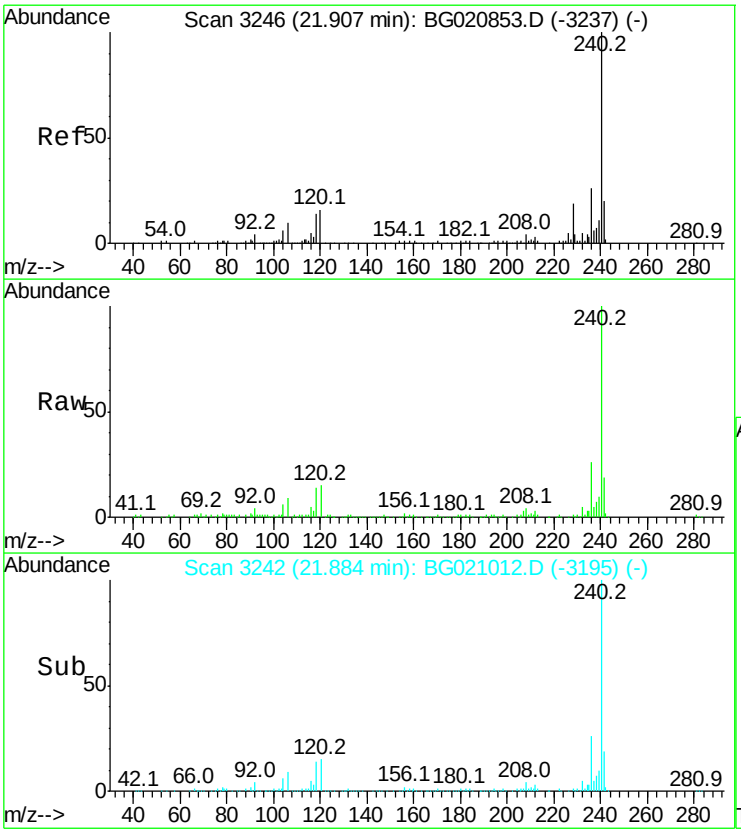
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion:188 Resp: 134836

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.0
80	11.7	10.2	15.4

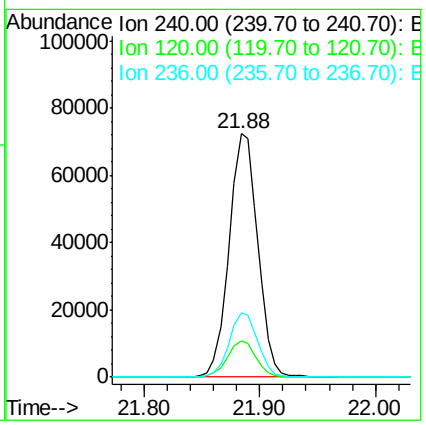


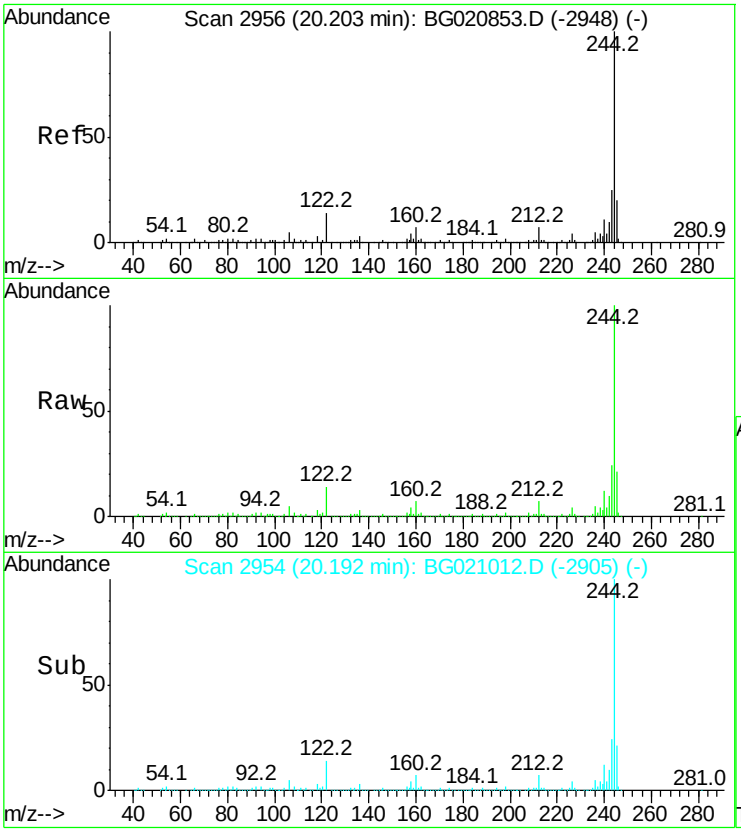


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:240 Resp: 124074

Ion	Ratio	Lower	Upper
240	100		
120	15.1	13.0	19.4
236	26.2	21.0	31.4



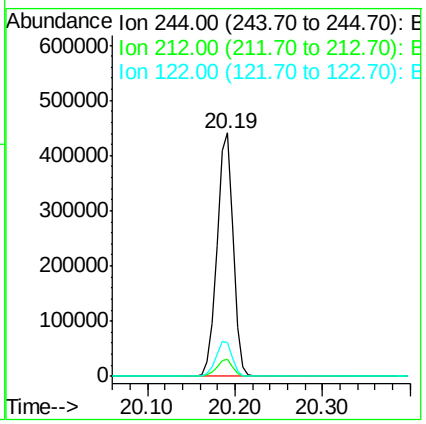


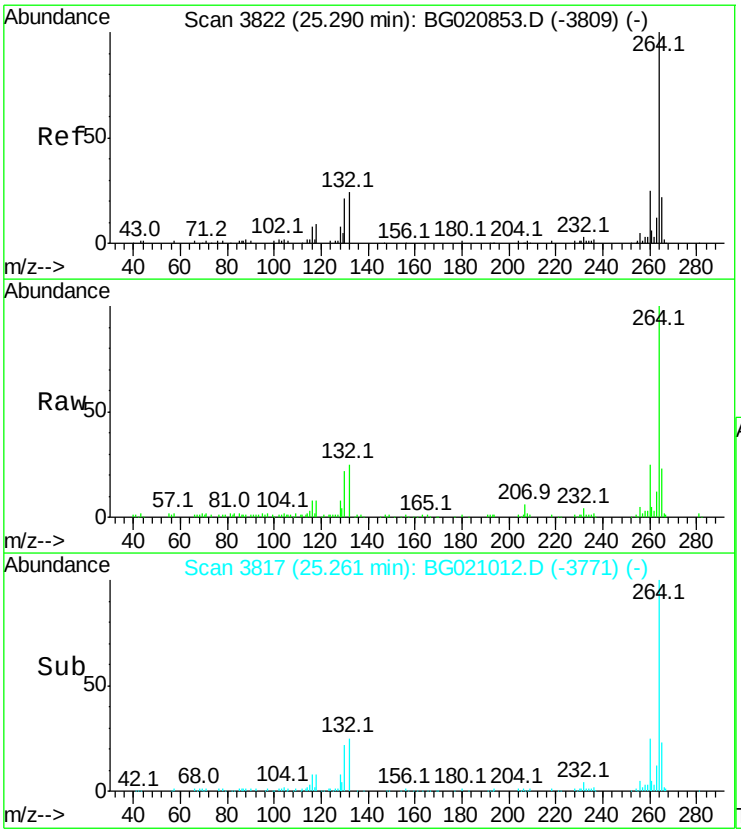
#78
Terphenyl-d14
Concen: 106.33 ng
RT: 20.19 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Tgt Ion:244 Resp: 565540

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	13.9	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3817
Delta R.T. -0.03 min
Lab File: BG021012.D
Acq: 20 Feb 2016 17:12

Tgt Ion:264 Resp: 119216

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	22.9	18.0	27.0