Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
Data File : BG025417.D
Acq On : 30 Dec 2016 17:18
Operator : UM/SJ
Sample : H6314-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-29

Quant Time: Dec 30 23:08:46 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	51639	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	213505	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	170949	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	422765	20.00	ng	0.00
75) Chrysene-d12	21.87	240	595108	20.00	ng	0.00
86) Perylene-d12	25.28	264	655464	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	199126	70.09	ng	0.00
7) Phenol-d6	7.37	99	166935	41.72	ng	0.00
23) Nitrobenzene-d5	9.39	82	490126	101.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	417628	151.74	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1069111	101.25	ng	0.00
78) Terphenyl-d14	20.16	244	2116216	94.29	ng	0.00
Target Compounds						Qvalue

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

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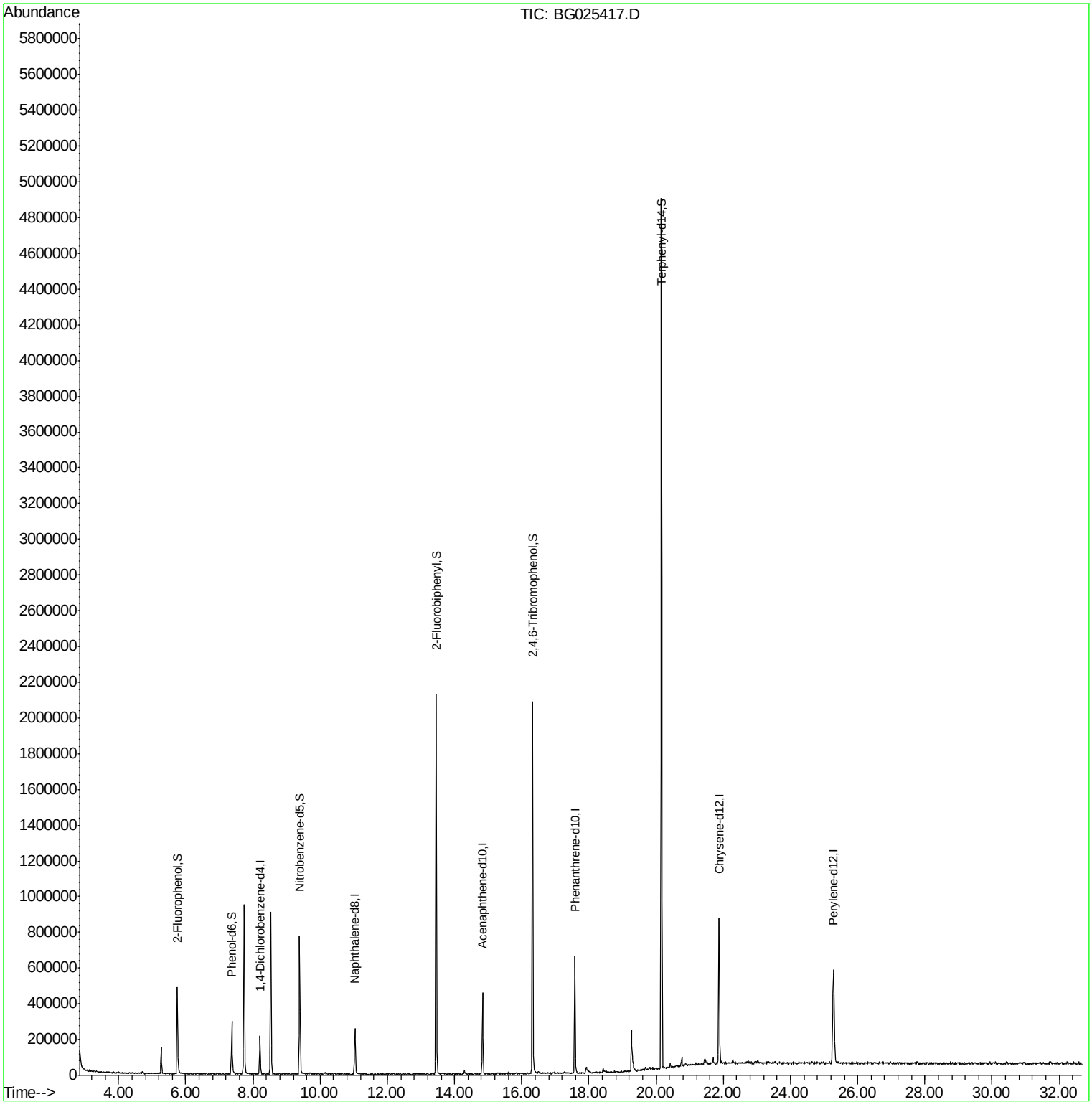
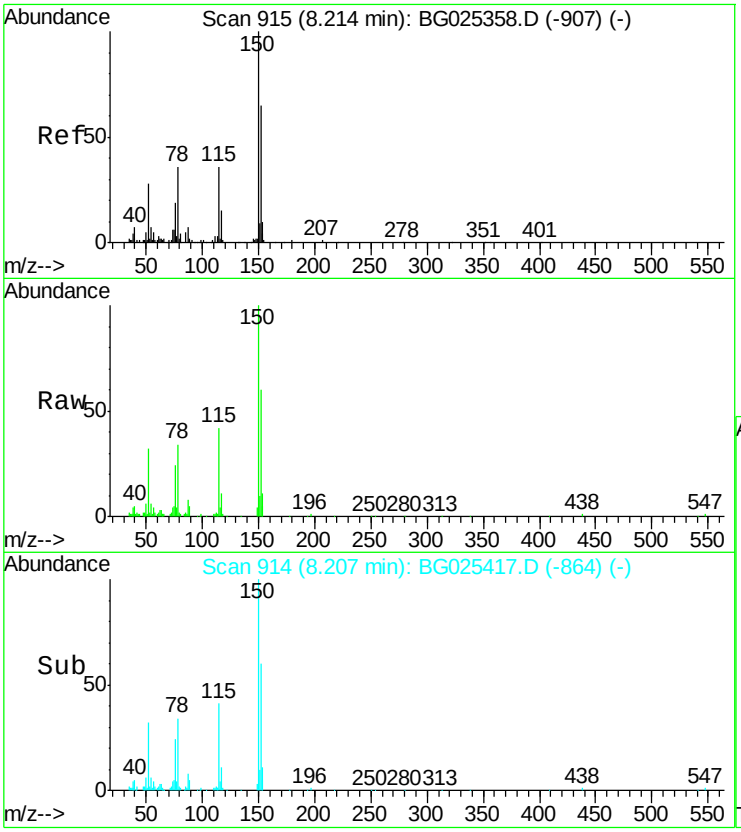


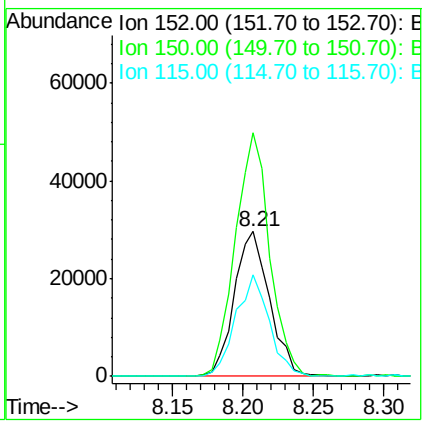


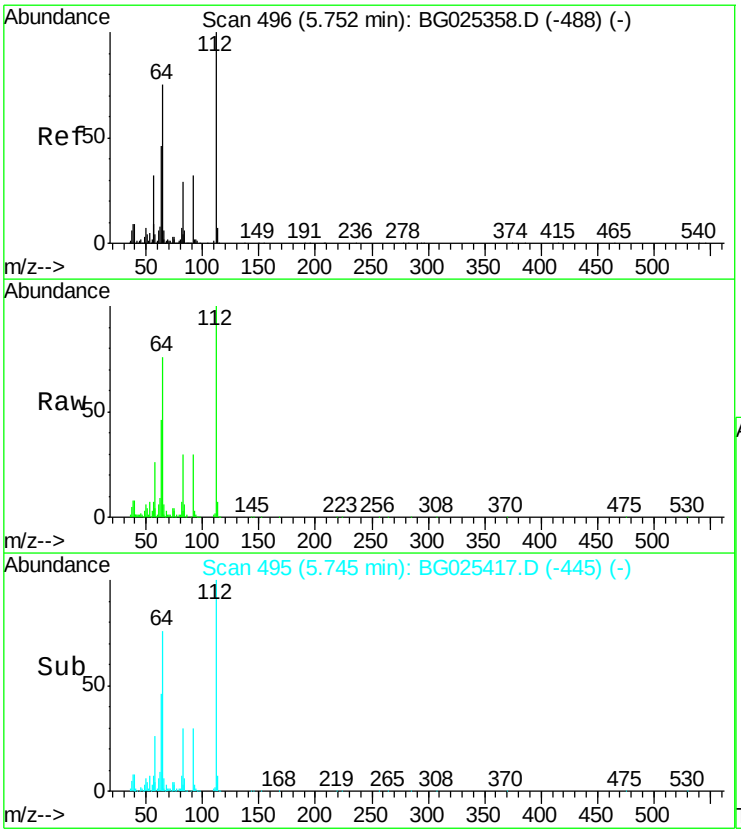
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:152 Resp: 51639

Ion	Ratio	Lower	Upper
152	100		
150	168.0	114.0	171.0
115	69.8	48.1	72.1

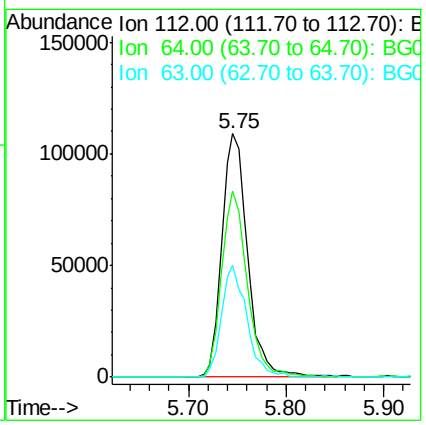


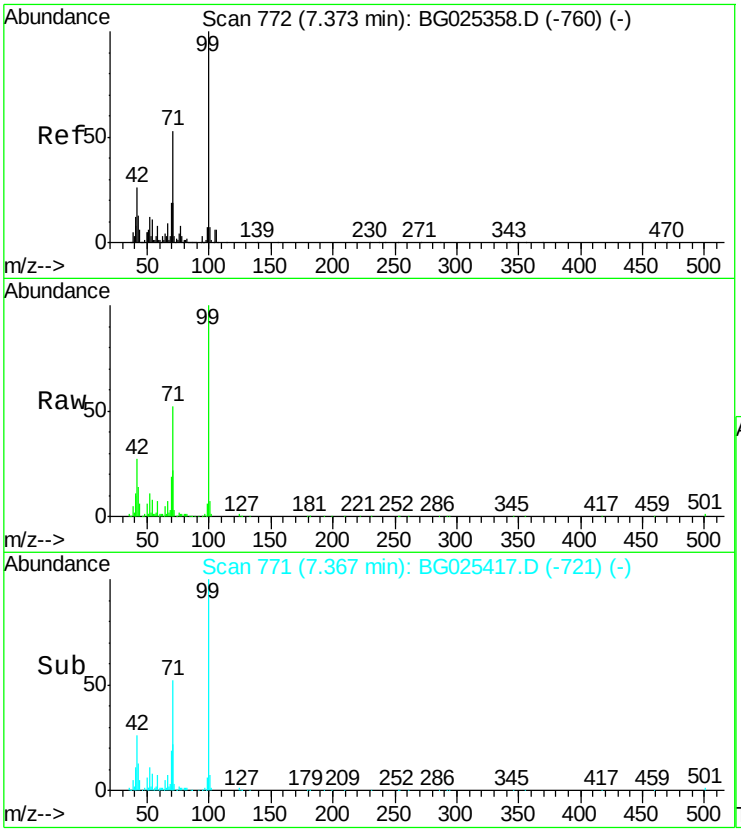


#5
2-Fluorophenol
Concen: 70.09 ng
RT: 5.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Tgt Ion:112 Resp: 199126

Ion	Ratio	Lower	Upper
112	100		
64	76.5	61.8	92.6
63	45.7	37.2	55.8



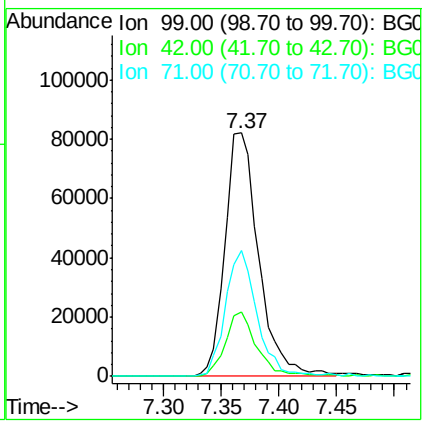


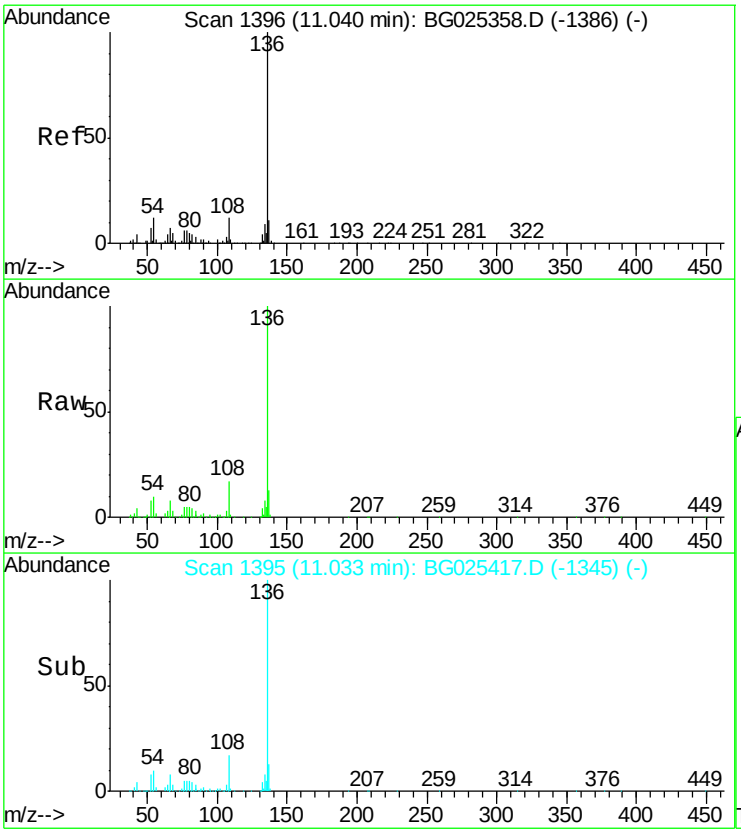
#7
Phenol-d6
Concen: 41.72 ng
RT: 7.37 min Scan# 771
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion: 99 Resp: 166935

Ion	Ratio	Lower	Upper
99	100		
42	26.6	20.5	30.7
71	51.6	37.6	56.4

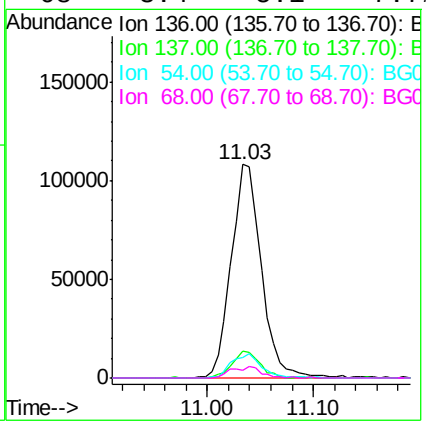


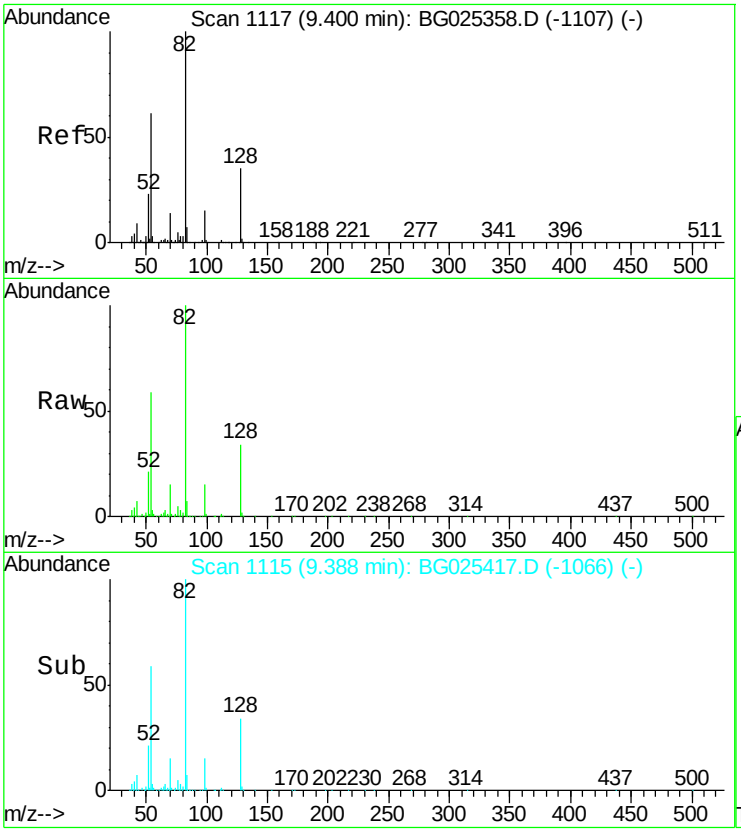


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Tgt Ion:136 Resp: 213505

Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.9	13.3
54	9.9	9.3	13.9
68	3.4	5.1	7.7#



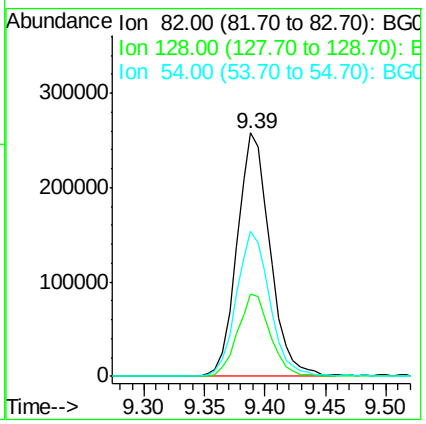


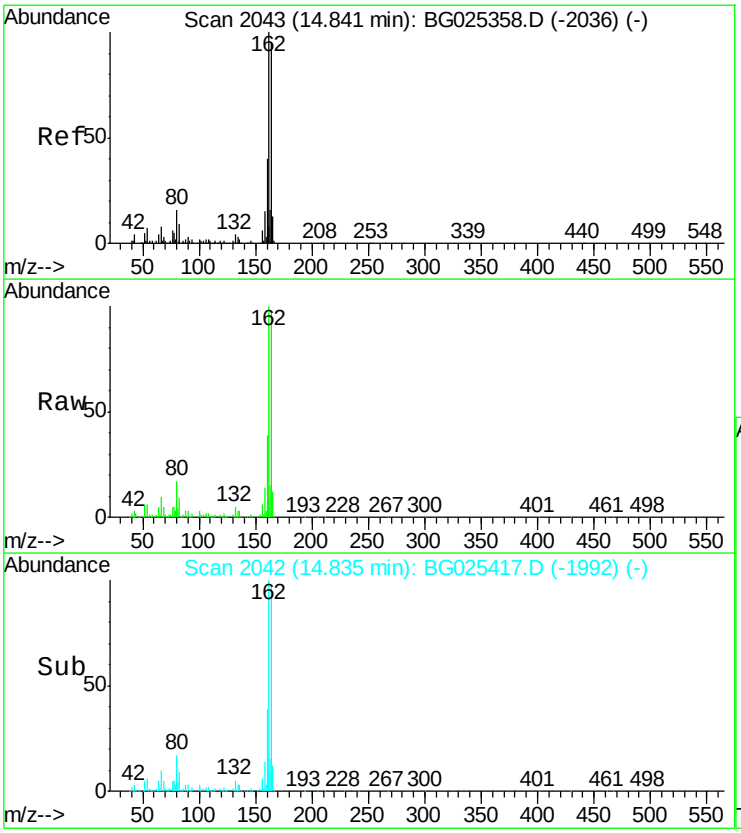
#23
Nitrobenzene-d5
Concen: 101.41 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion: 82 Resp: 490126

Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.4	39.6
54	59.5	49.4	74.2

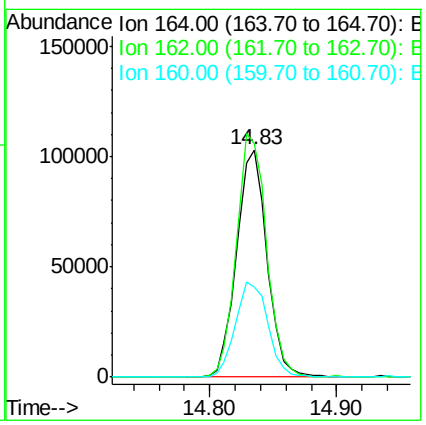


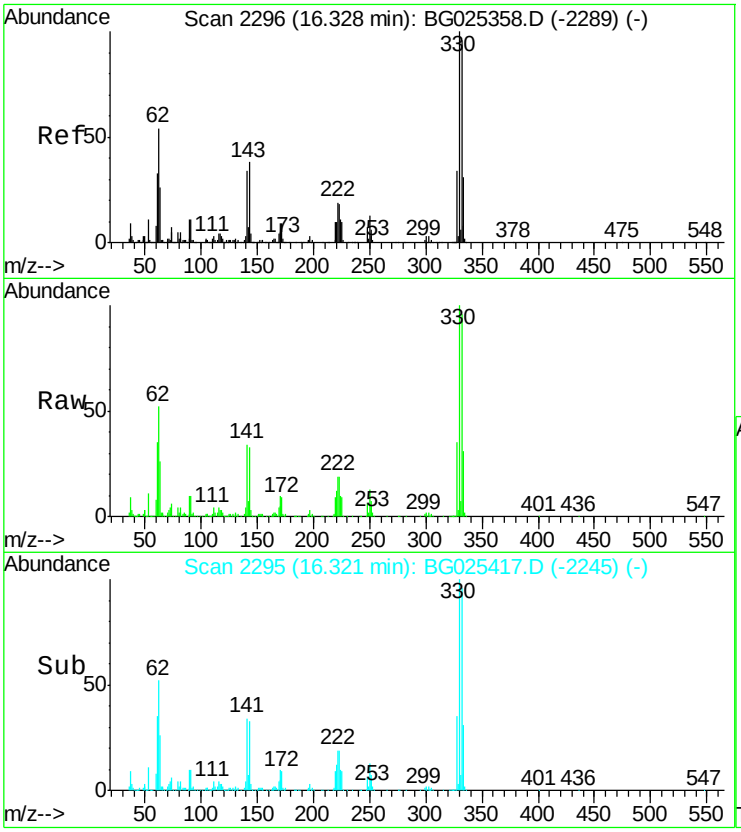


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Tgt Ion:164 Resp: 170949

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	39.6	34.7	52.1



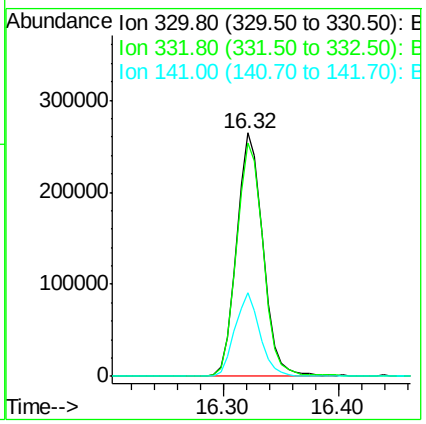


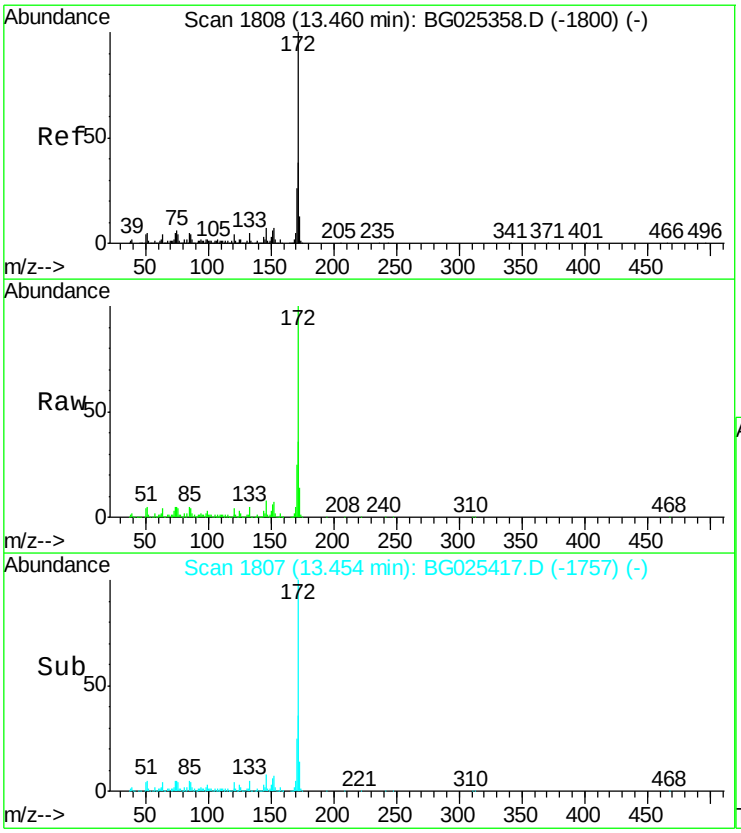
#41
2,4,6-Tribromophenol
Concen: 151.74 ng
RT: 16.32 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:330 Resp: 417628

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	32.7	32.1	48.1

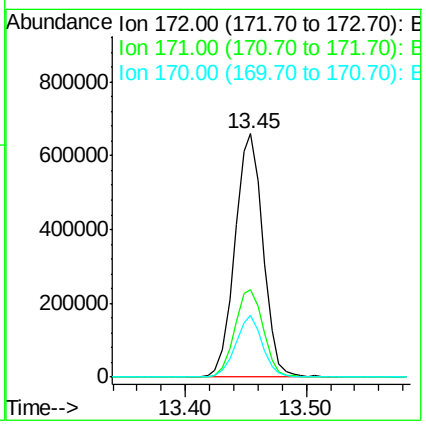


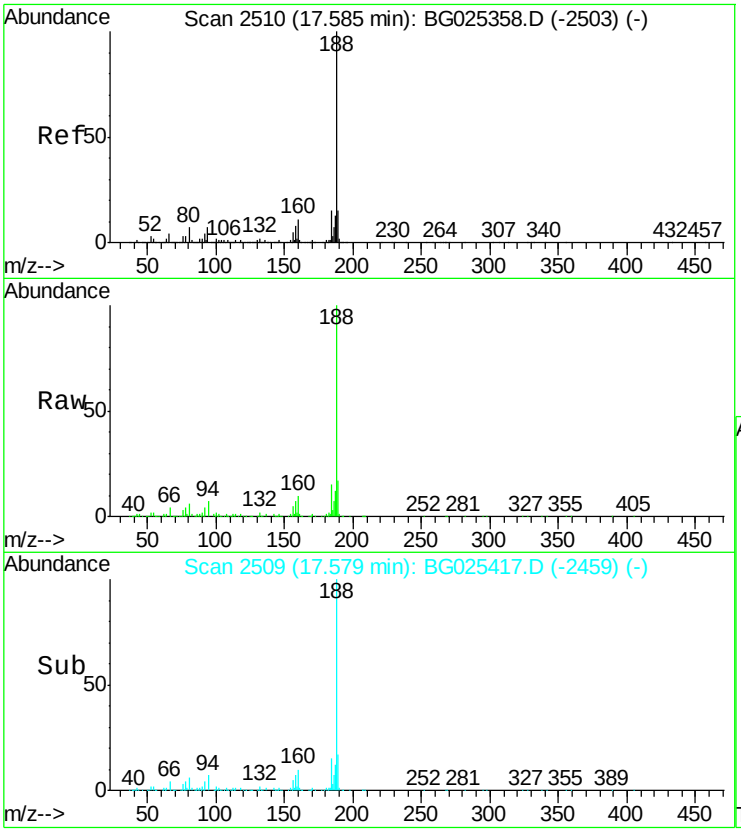


#44
2-Fluorobiphenyl
Concen: 101.25 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Tgt Ion:172 Resp: 1069111

Ion	Ratio	Lower	Upper
172	100		
171	36.2	32.2	48.2
170	25.2	21.8	32.6



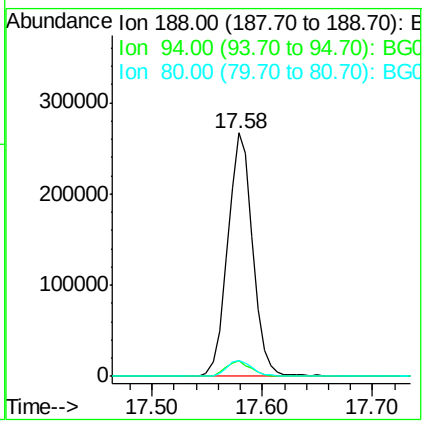


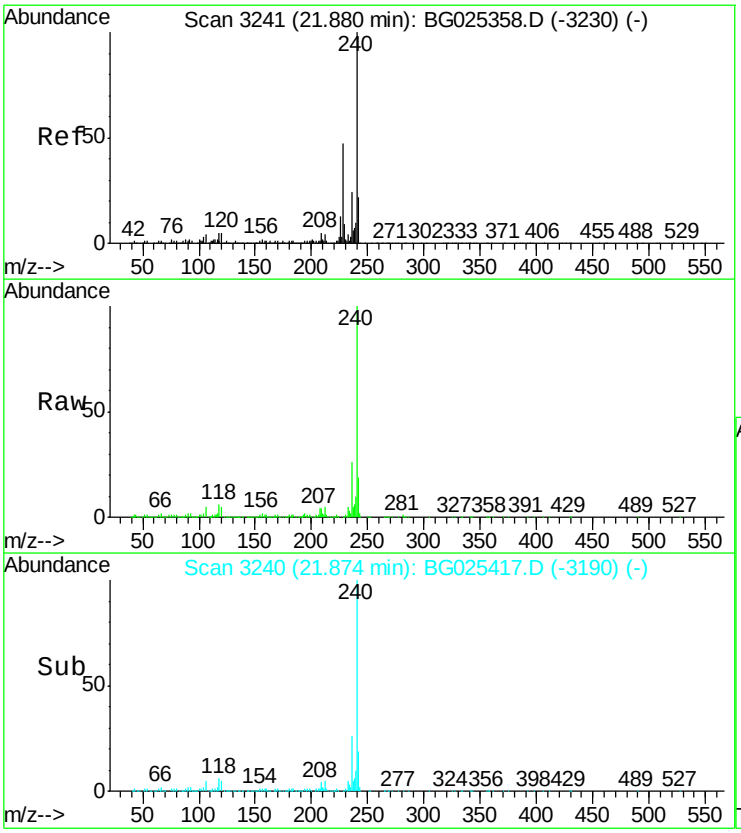
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:188 Resp: 422765

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	6.3	7.5	11.3#

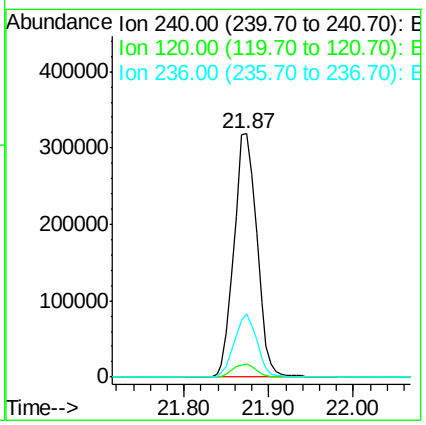


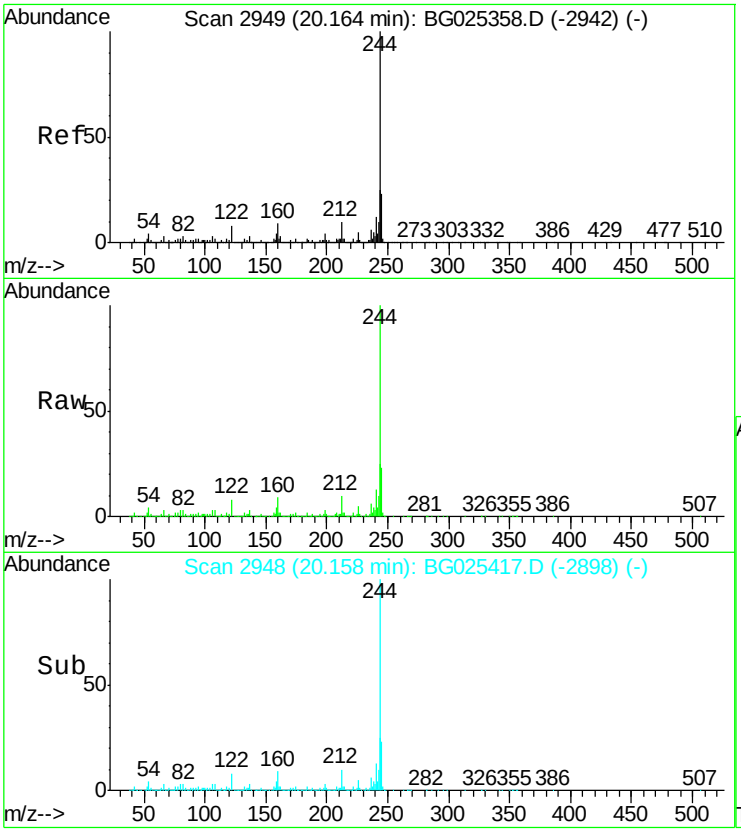


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Tgt Ion:240 Resp: 595108

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	26.2	22.2	33.4



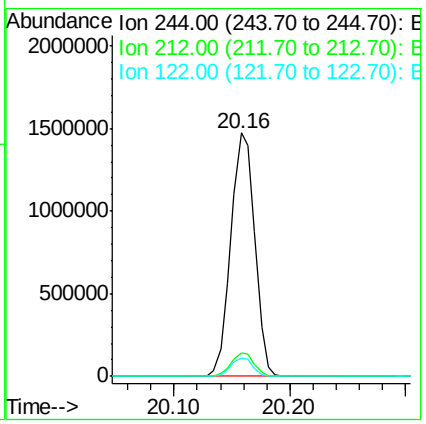


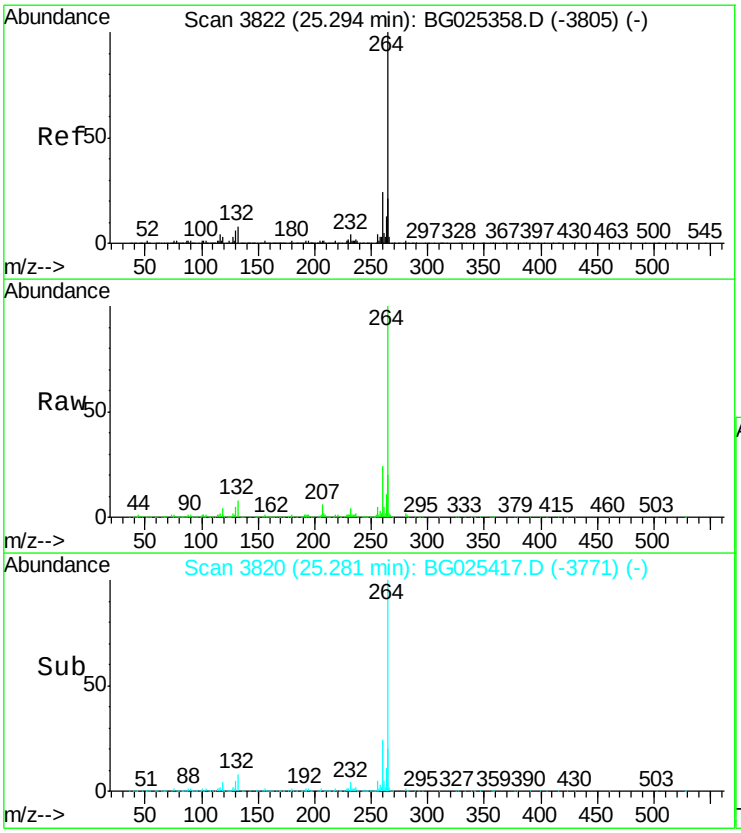
#78
Terphenyl-d14
Concen: 94.29 ng
RT: 20.16 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BG025417.D
Acq: 30 Dec 2016 17:18

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:244 Resp: 2116216

Ion	Ratio	Lower	Upper
244	100		
212	9.8	10.0	15.0#
122	7.7	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: BG025417.D
Acq: 30 Dec 2016 17:18

Tgt Ion:264 Resp: 655464

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	20.3	18.2	27.4