Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
Data File : BG025423.D
Acq On : 30 Dec 2016 21:15
Operator : UM/SJ
Sample : H6318-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Time: Dec 30 23:23:46 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	8.20	152	52368	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	212559	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	169156	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	403458	20.00	ng	0.00
75) Chrysene-d12	21.87	240	588886	20.00	ng	0.00
86) Perylene-d12	25.28	264	636911	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	197616	68.59	ng	0.00
7) Phenol-d6	7.37	99	169057	41.66	ng	0.00
23) Nitrobenzene-d5	9.39	82	470997	97.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	421571	154.80	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1065164	101.95	ng	0.00
78) Terphenyl-d14	20.16	244	2010444	90.52	ng	0.00
Target Compounds						Qvalue

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

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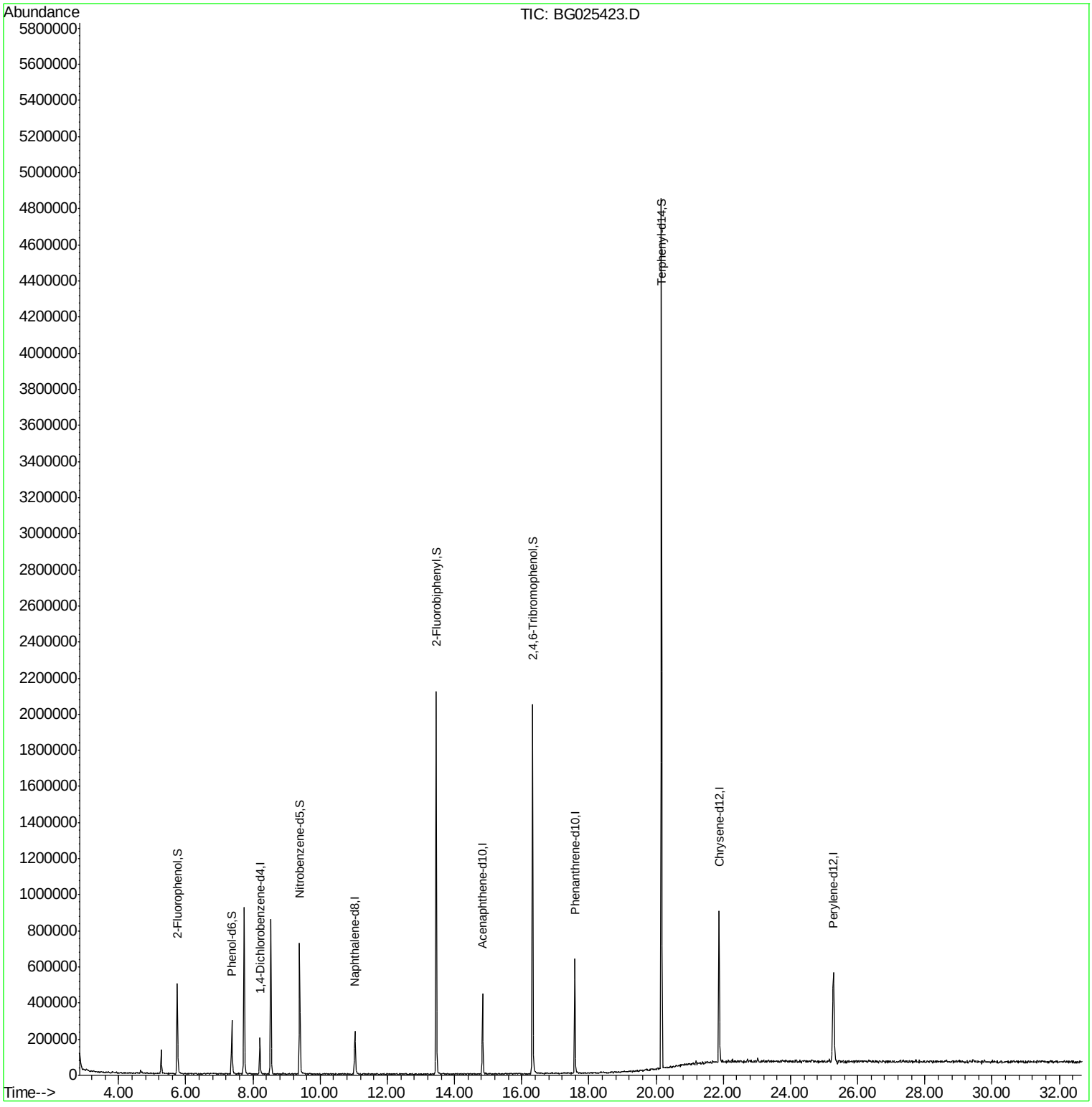
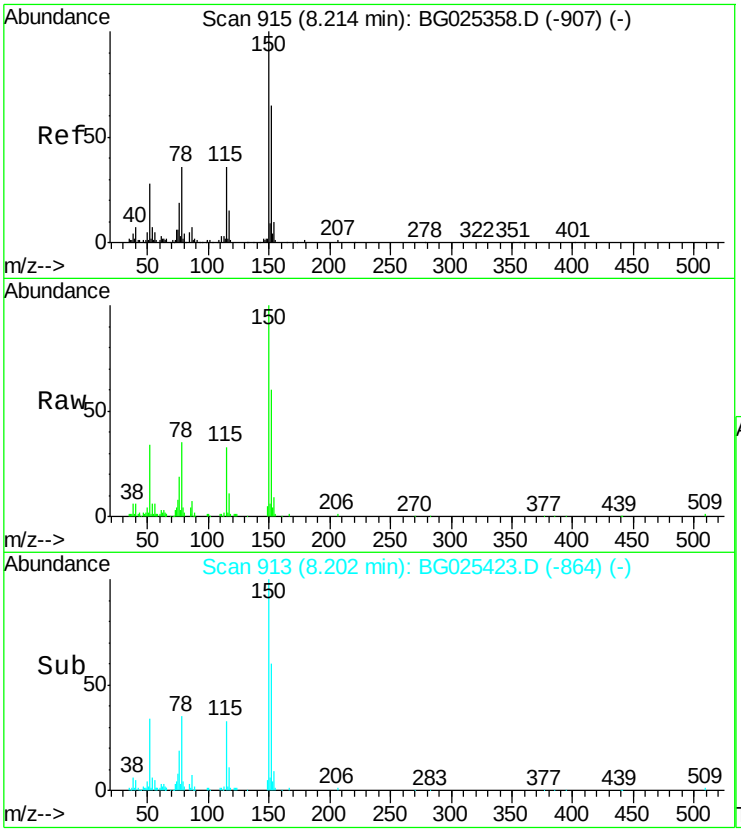


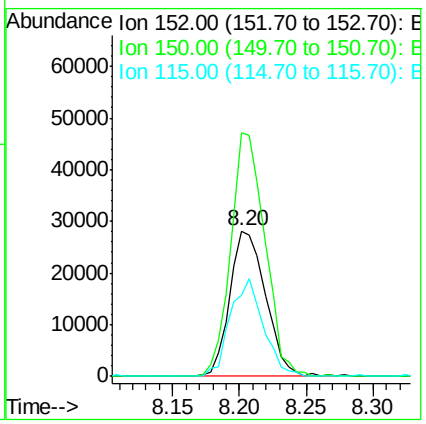


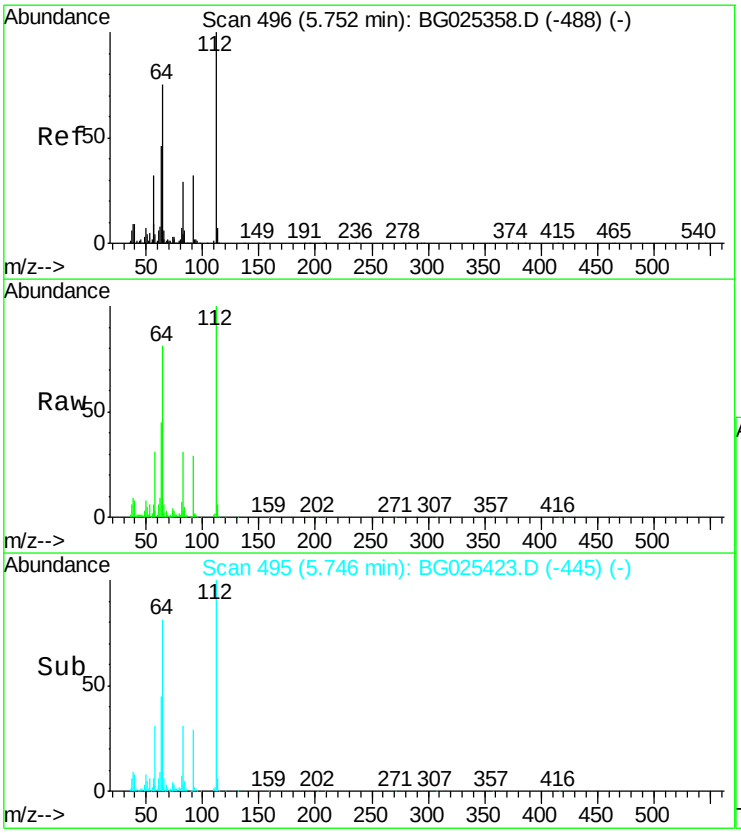
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:152 Resp: 52368

Ion	Ratio	Lower	Upper
152	100		
150	167.8	114.0	171.0
115	55.6	48.1	72.1

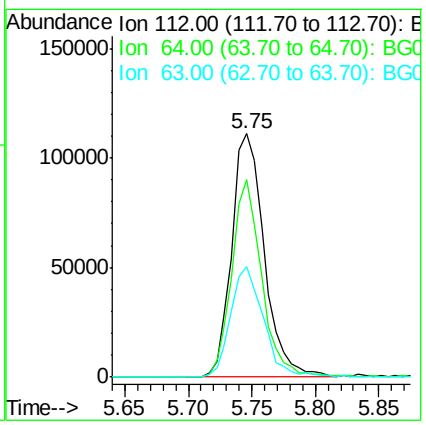


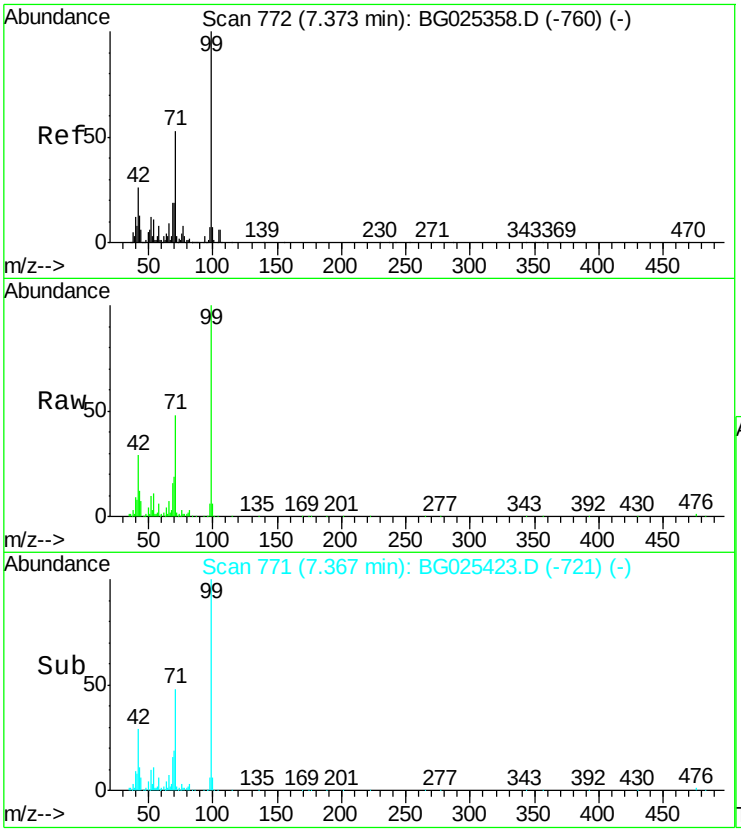


#5
2-Fluorophenol
Concen: 68.59 ng
RT: 5.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Tgt Ion:112 Resp: 197616

Ion	Ratio	Lower	Upper
112	100		
64	81.2	61.8	92.6
63	45.5	37.2	55.8



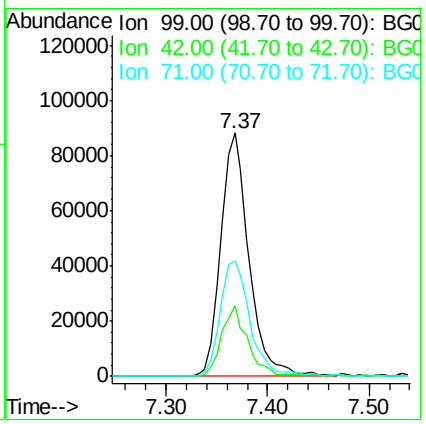


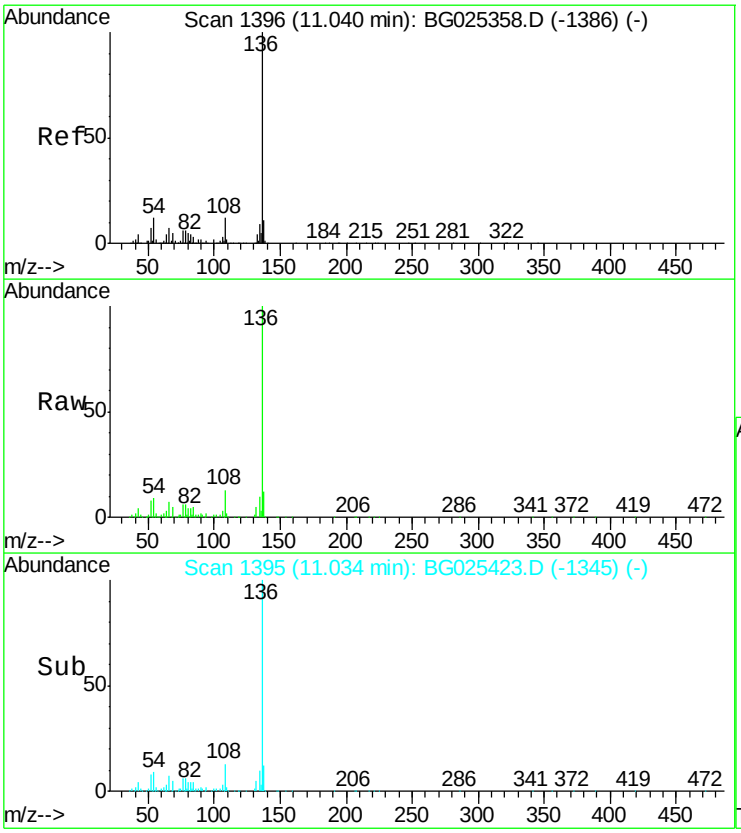
#7
Phenol-d6
Concen: 41.66 ng
RT: 7.37 min Scan# 771
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion: 99 Resp: 169057

Ion	Ratio	Lower	Upper
99	100		
42	29.0	20.5	30.7
71	47.7	37.6	56.4

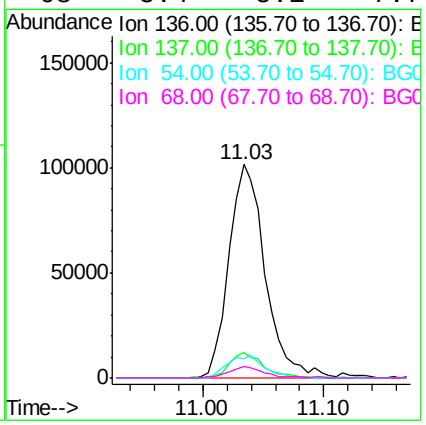


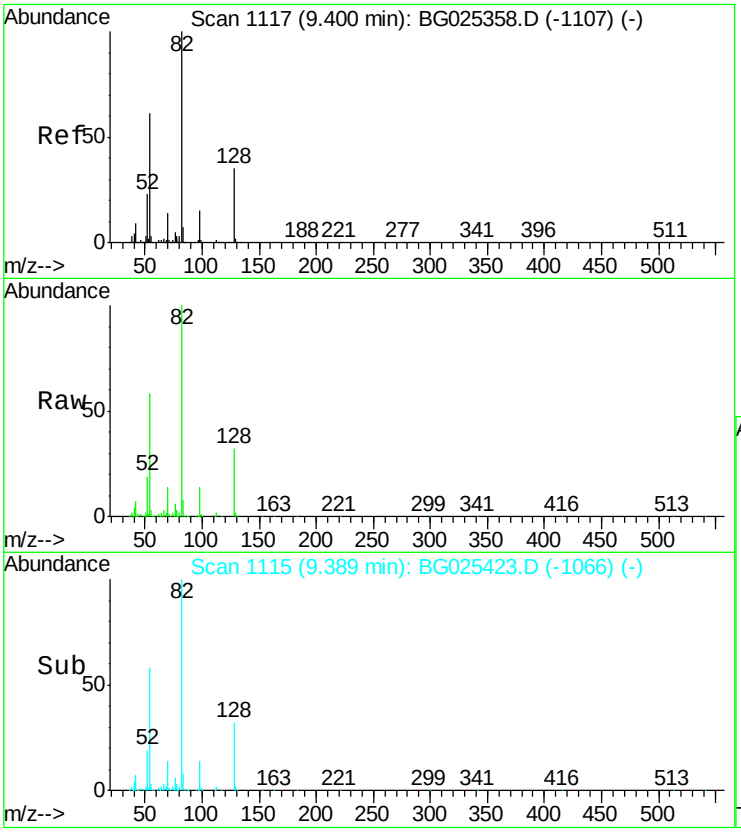


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Tgt Ion:136 Resp: 212559

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	9.0	9.3	13.9#
68	5.4	5.1	7.7



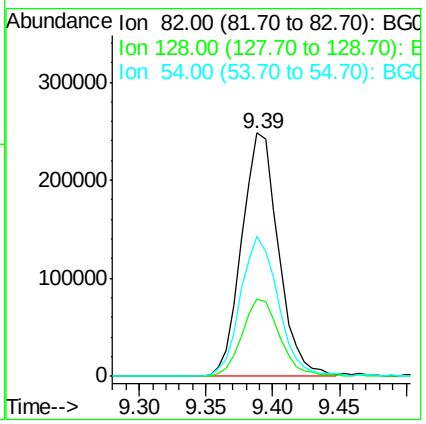


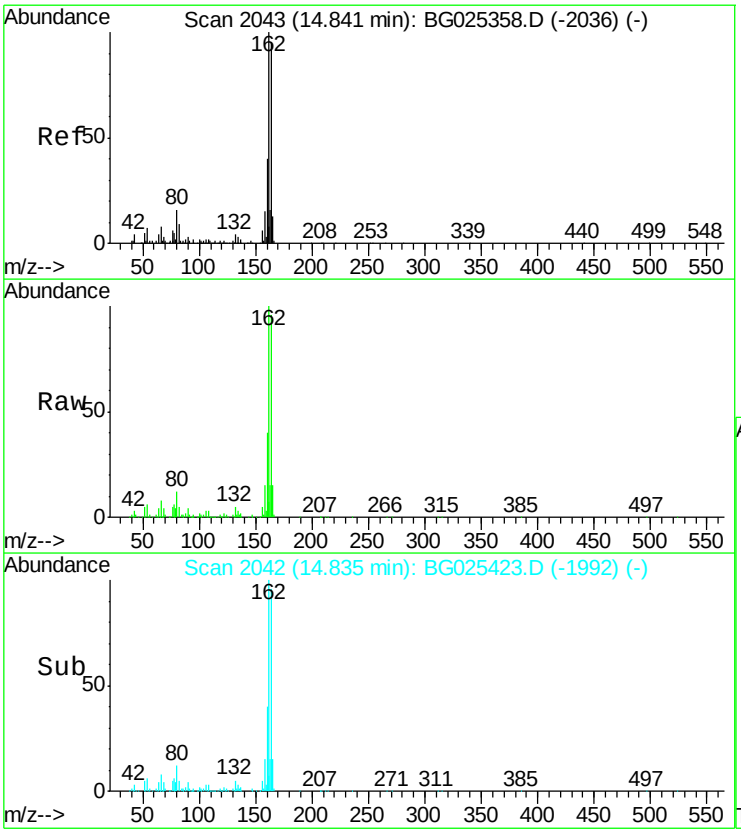
#23
Nitrobenzene-d5
Concen: 97.89 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion: 82 Resp: 470997

Ion	Ratio	Lower	Upper
82	100		
128	31.7	26.4	39.6
54	57.5	49.4	74.2

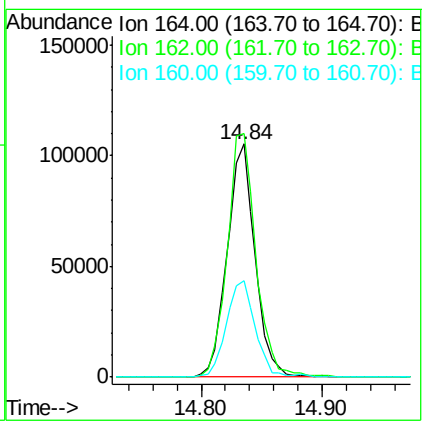


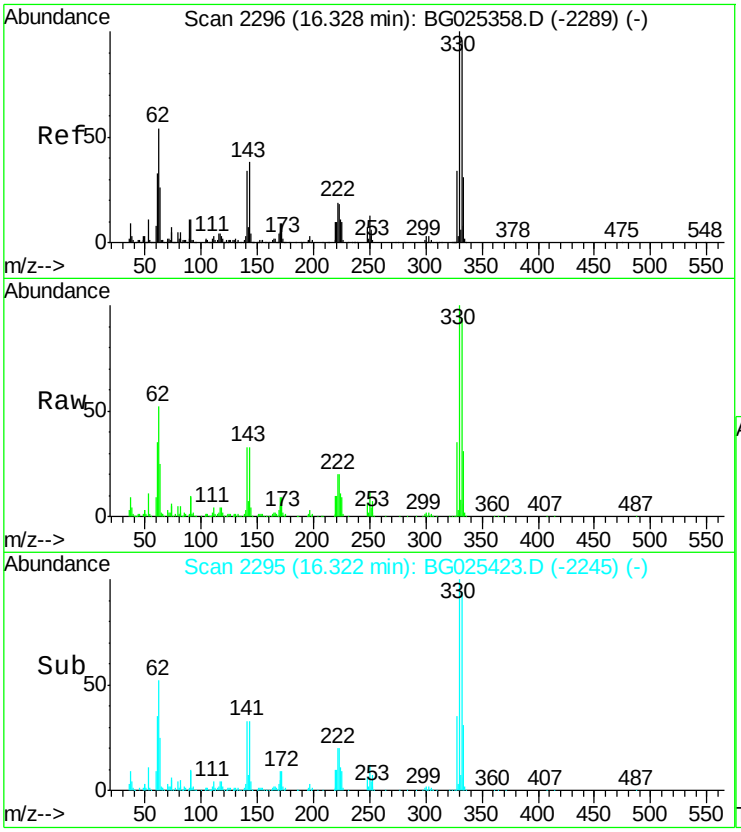


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Tgt Ion:164 Resp: 169156

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	41.3	34.7	52.1



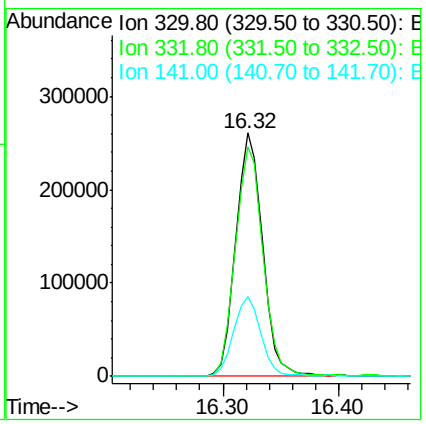


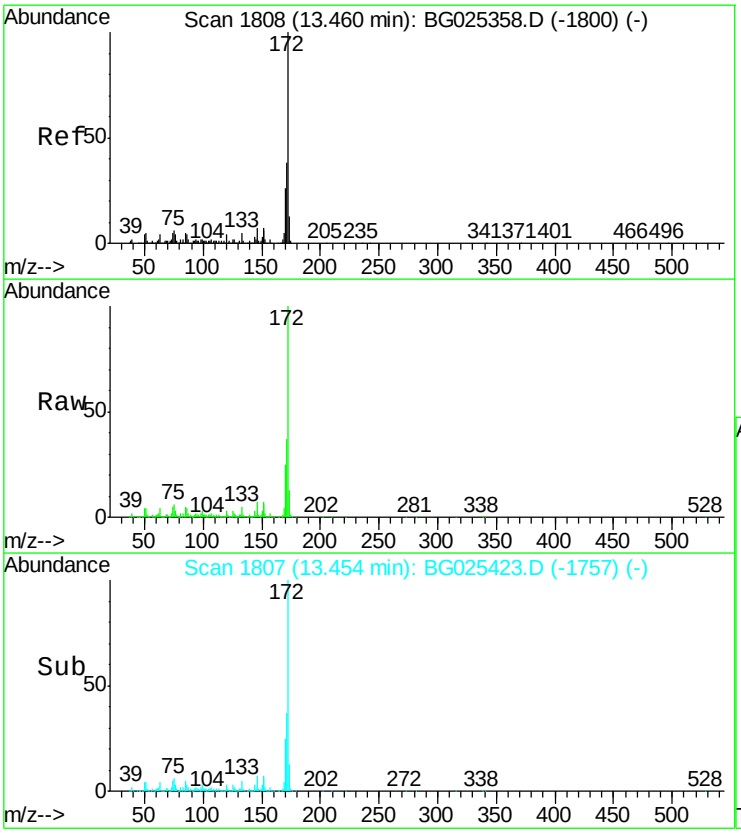
#41
2,4,6-Tribromophenol
Concen: 154.80 ng
RT: 16.32 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:330 Resp: 421571

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.5	32.1	48.1

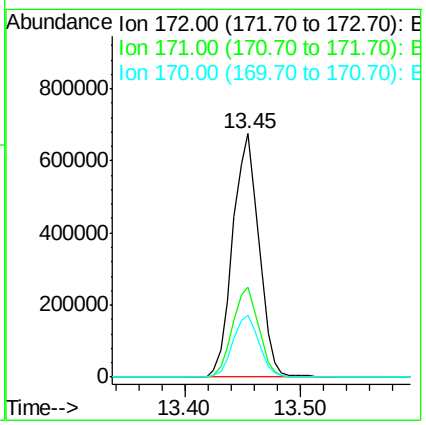


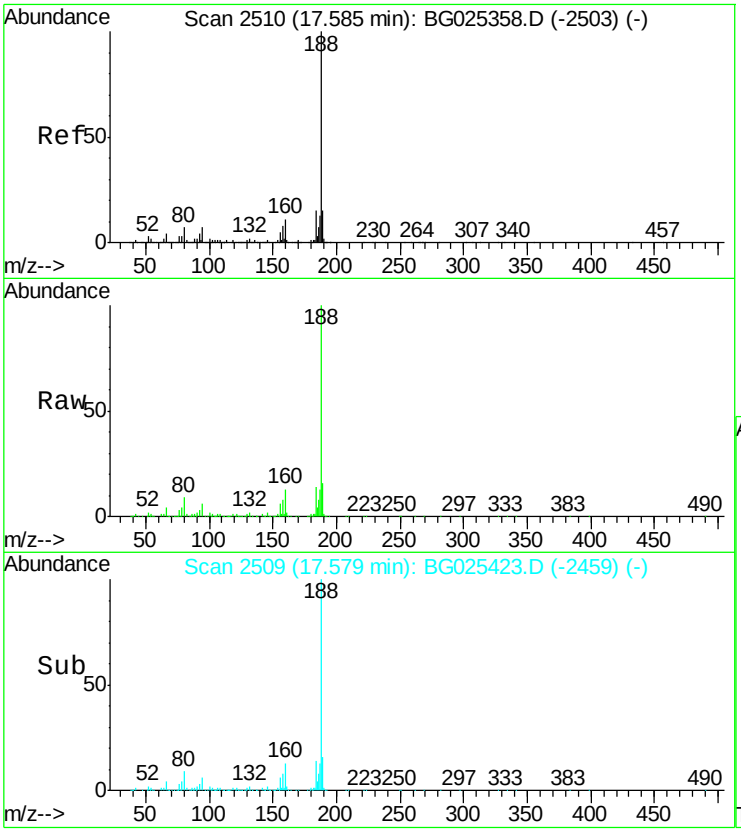


#44
2-Fluorobiphenyl
Concen: 101.95 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Tgt Ion:172 Resp: 1065164

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	25.2	21.8	32.6



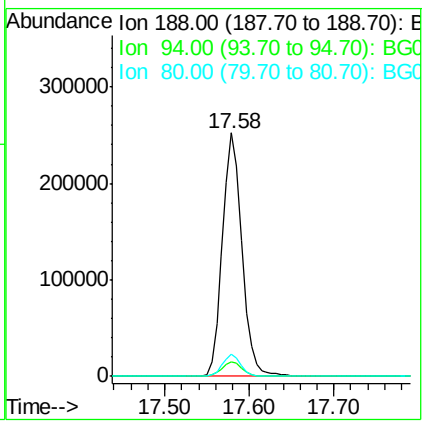


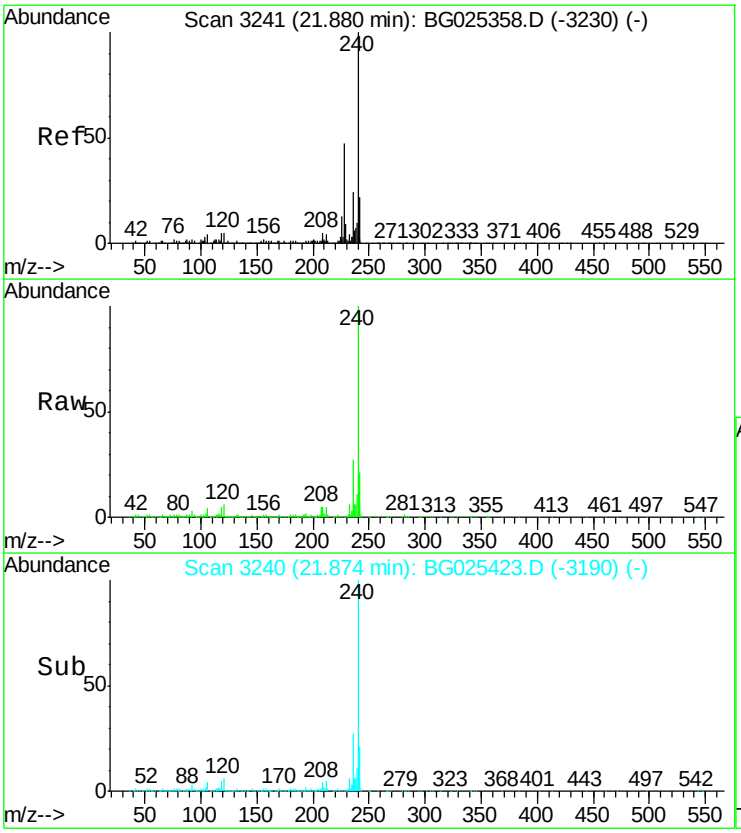
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:188 Resp: 403458

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.8	8.8
80	9.3	7.5	11.3

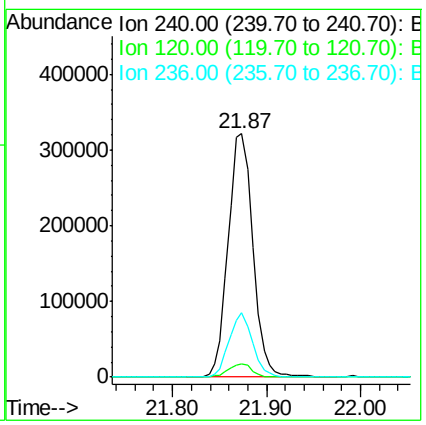


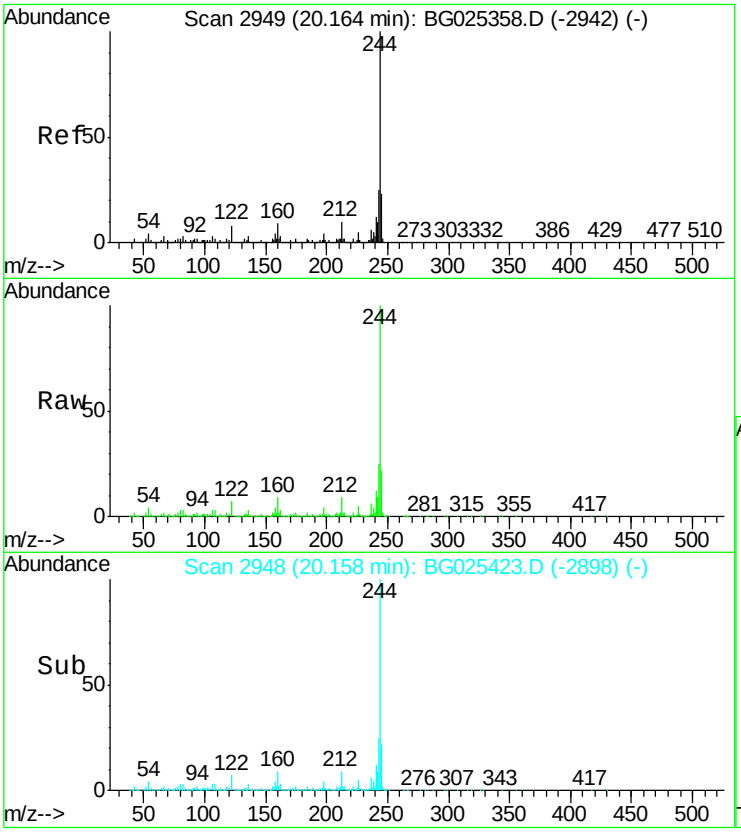


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Tgt Ion:240 Resp: 588886

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	26.7	22.2	33.4



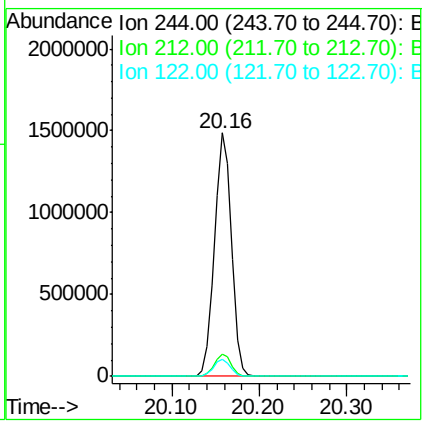


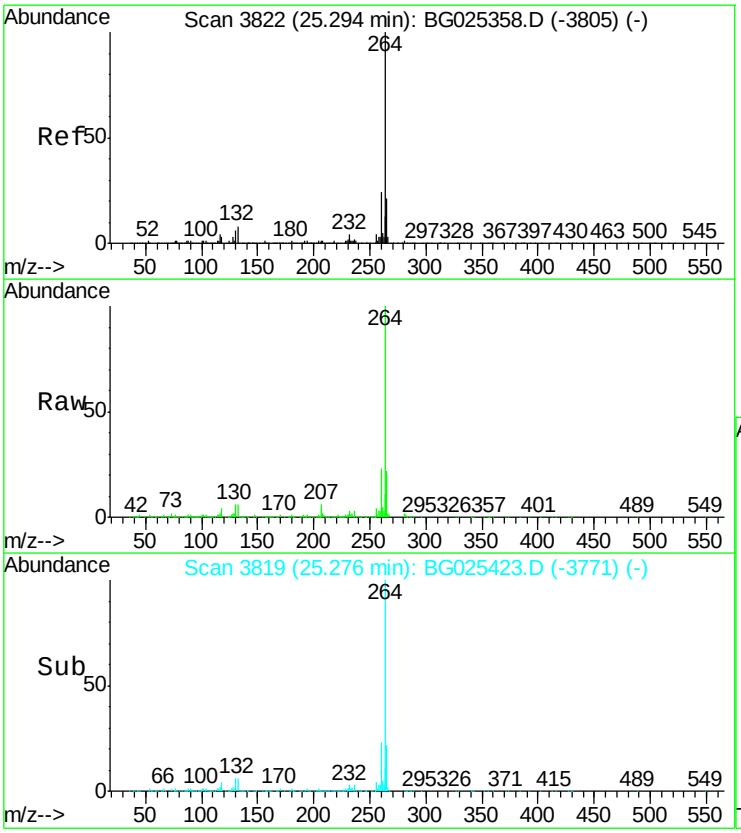
#78
Terphenyl-d14
Concen: 90.52 ng
RT: 20.16 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:244 Resp: 2010444

Ion	Ratio	Lower	Upper
244	100		
212	9.1	10.0	15.0#
122	7.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3819
Delta R.T. -0.02 min
Lab File: BG025423.D
Acq: 30 Dec 2016 21:15

Tgt Ion:264 Resp: 636911

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	22.1	18.2	27.4