Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025384.D
Acq On : 22 Dec 2016 11:29
Operator : UM/SJ
Sample : H6166-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 22 13:06:12 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	53452	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	214542	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	168100	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	397018	20.00	ng	0.00
75) Chrysene-d12	21.87	240	575911	20.00	ng	0.00
86) Perylene-d12	25.29	264	607073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	181217	61.62	ng	0.00
7) Phenol-d6	7.37	99	160697	38.80	ng	0.00
23) Nitrobenzene-d5	9.39	82	436121	89.80	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	393482	145.39	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	948029	91.31	ng	0.00
78) Terphenyl-d14	20.16	244	1655978	76.24	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.32	117	35472	22.20	ng	# 1
24) Nitrobenzene	9.40	77	13400	2.52	ng	# 23
40) Hexachlorocyclopentadiene	13.18	237	78	8.55	ng	# 29
49) Dimethylphthalate	14.28	163	48072	3.92	ng	# 90
53) 2,4-Dinitrophenol	14.98	184	257	5.21	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025384.D
Acq On : 22 Dec 2016 11:29
Operator : UM/SJ
Sample : H6166-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

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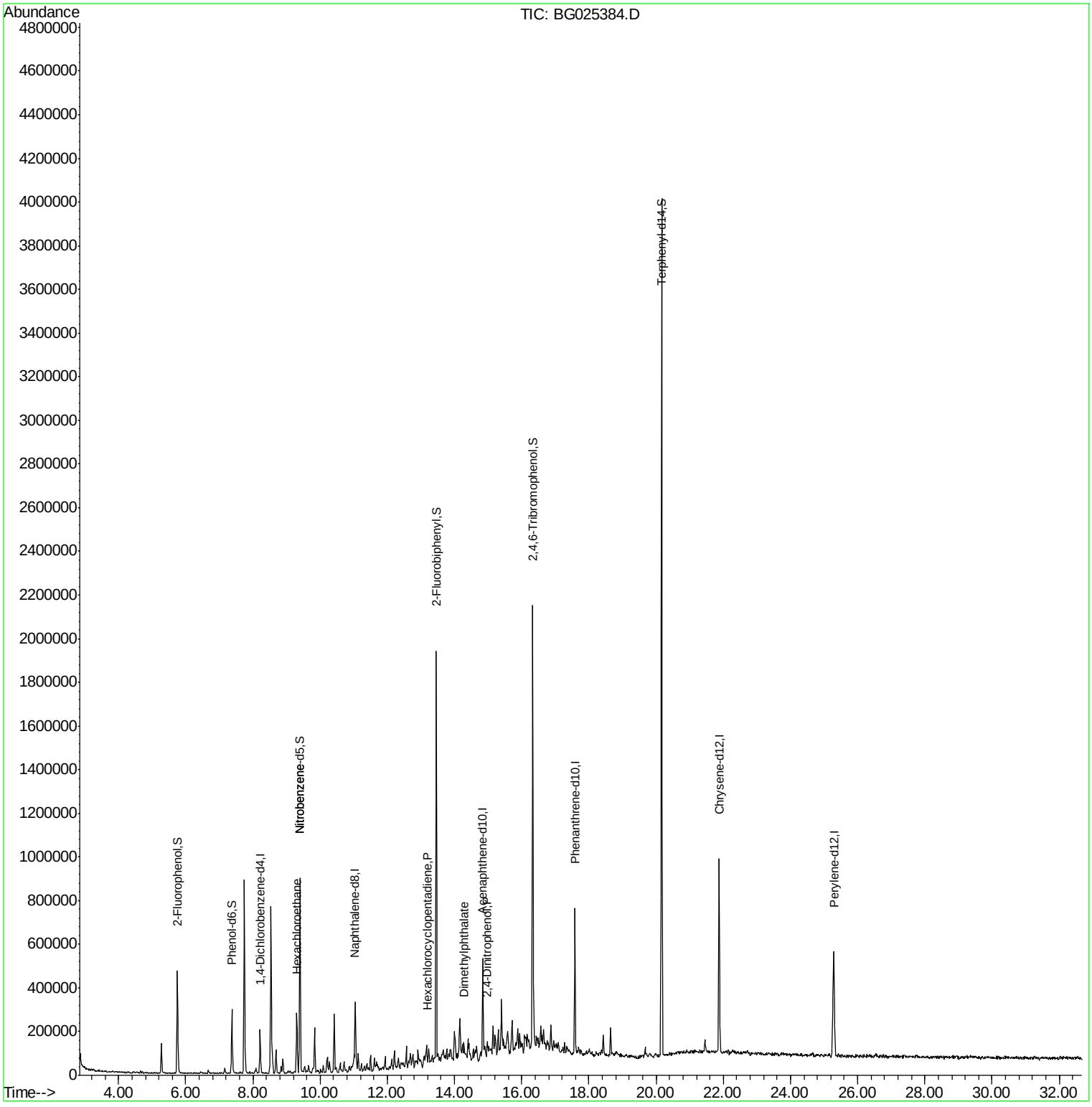
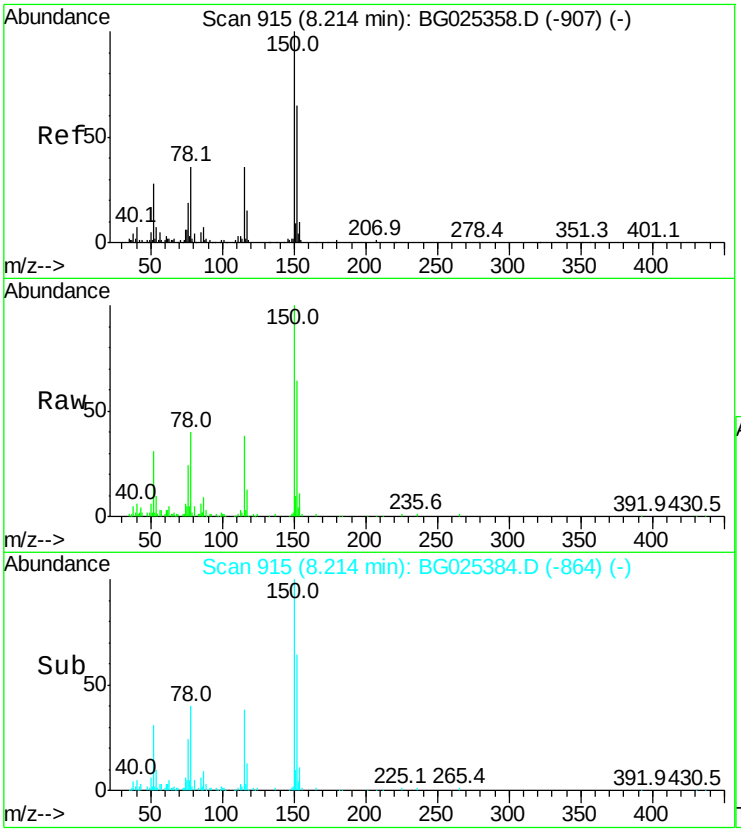
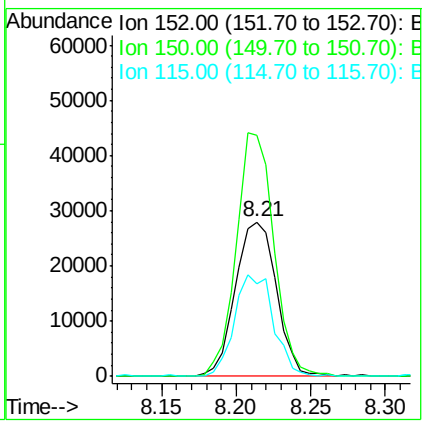




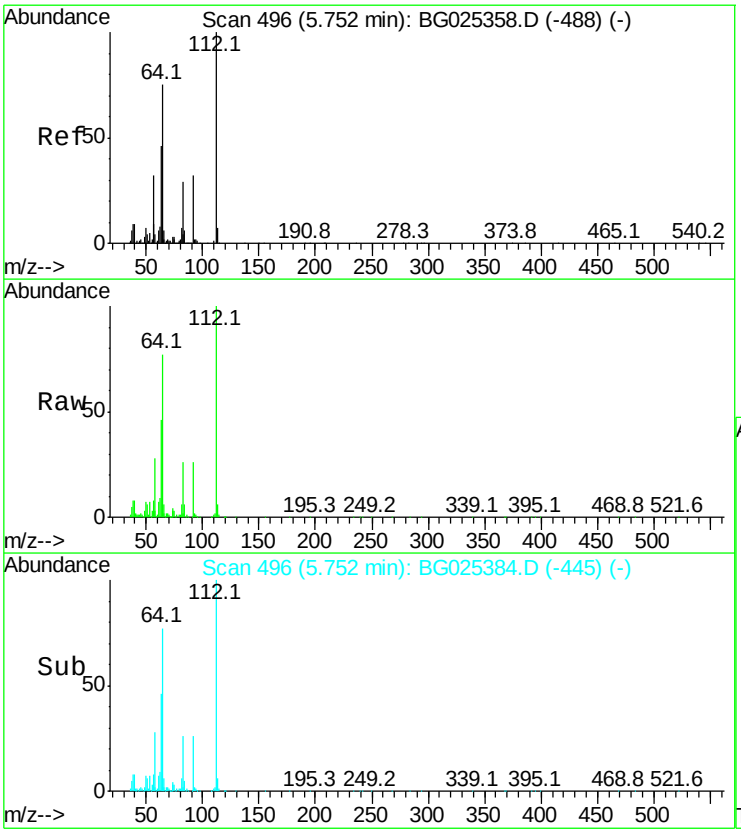
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion:152 Resp: 53452

Ion	Ratio	Lower	Upper
152	100		
150	156.4	114.0	171.0
115	60.1	48.1	72.1



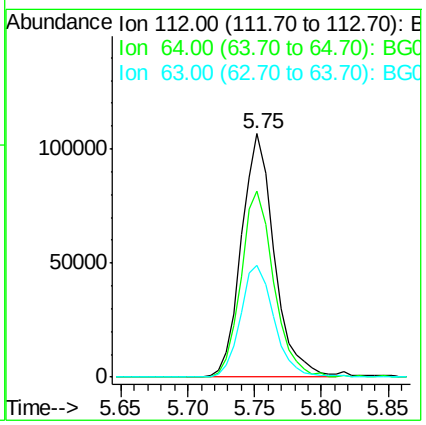
Instrument :
BNA_G
ClientSampleId :

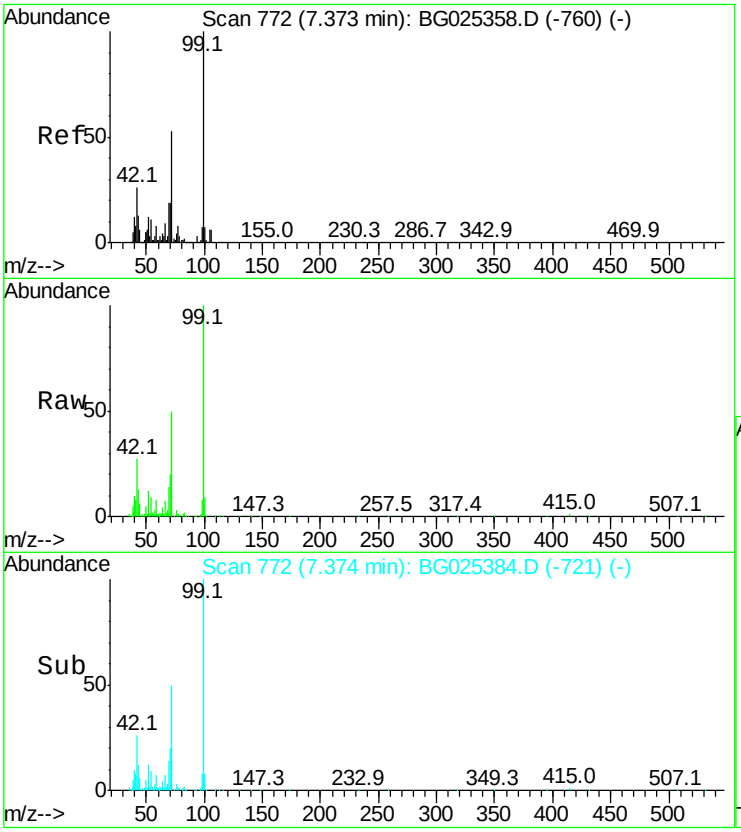


#5
2-Fluorophenol
Concen: 61.62 ng
RT: 5.75 min Scan# 496
Delta R.T. 0.00 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion:112 Resp: 181217

Ion	Ratio	Lower	Upper
112	100		
64	76.5	61.8	92.6
63	46.0	37.2	55.8



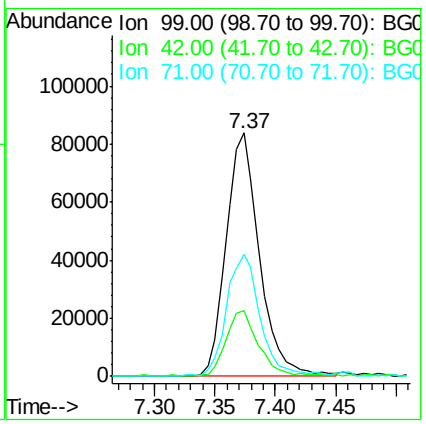


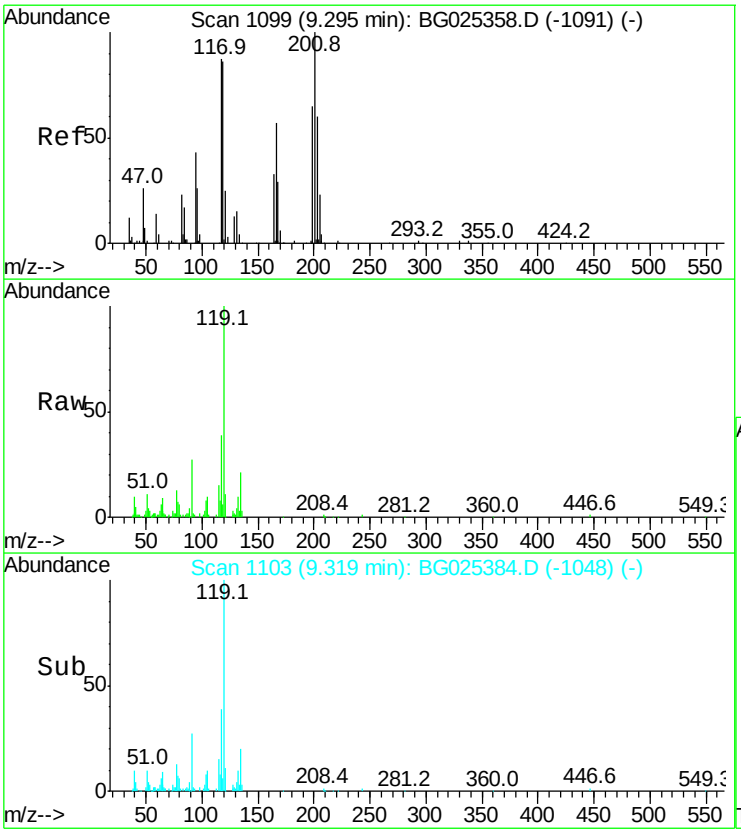
#7
Phenol-d6
Concen: 38.80 ng
RT: 7.37 min Scan# 772
Delta R.T. 0.00 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 160697

Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.5	30.7
71	50.0	37.6	56.4

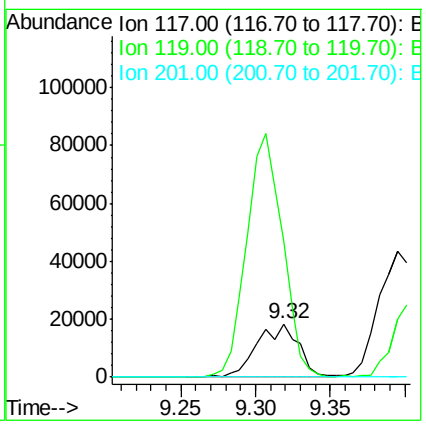


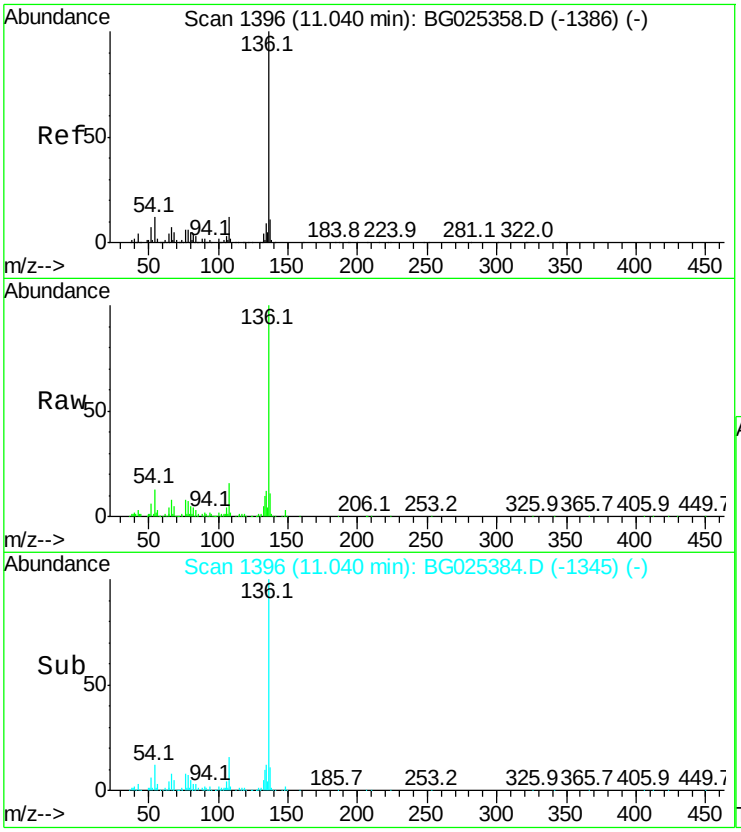


#18
Hexachloroethane
Concen: 22.20 ng
RT: 9.32 min Scan# 1103
Delta R.T. 0.02 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion:117 Resp: 35472

Ion	Ratio	Lower	Upper
117	100		
119	256.2	69.8	104.6#
201	0.0	95.4	143.0#



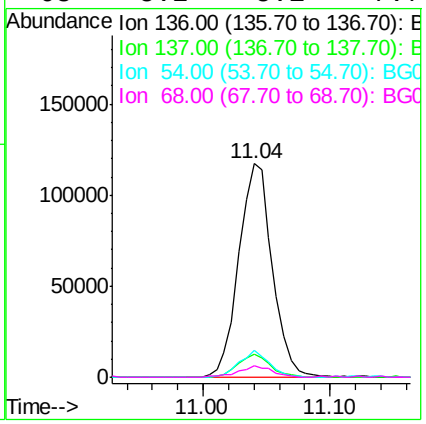


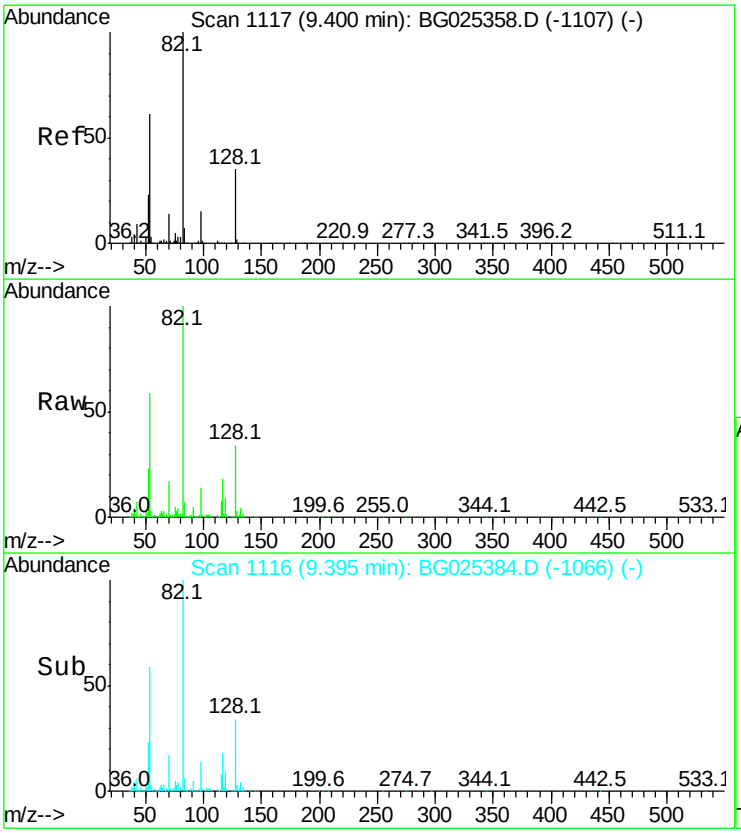
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 214542

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	12.5	9.3	13.9
68	5.2	5.1	7.7

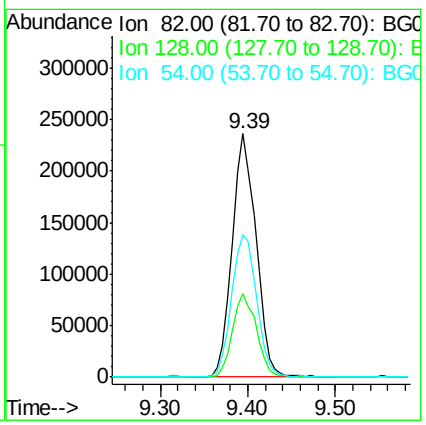


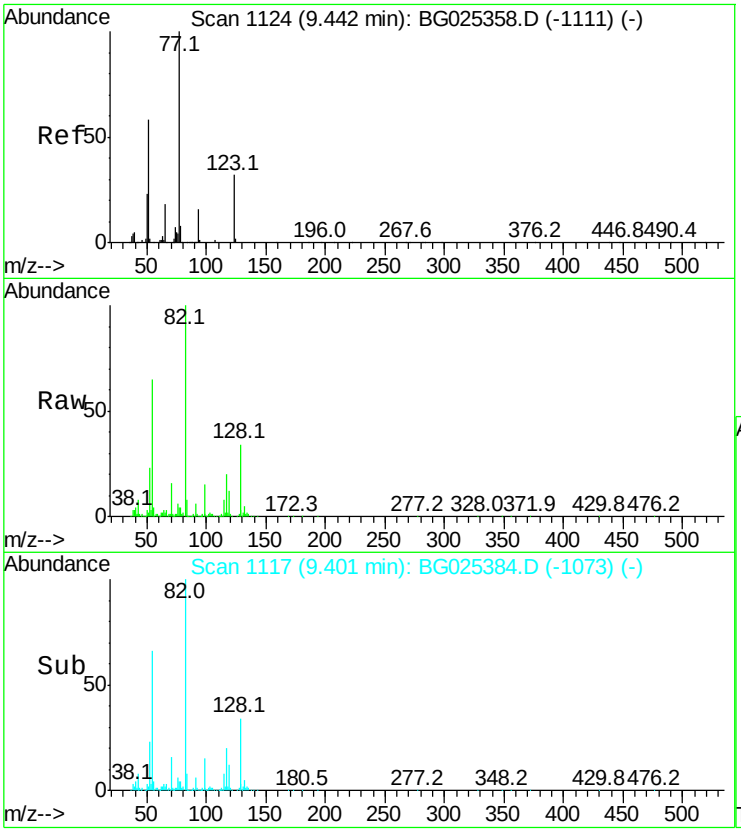


#23
Nitrobenzene-d5
Concen: 89.80 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion: 82 Resp: 436121

Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.4	39.6
54	58.6	49.4	74.2



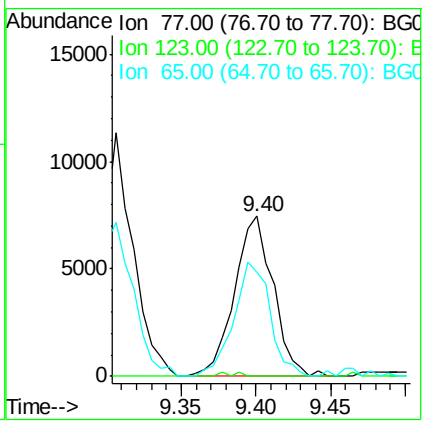


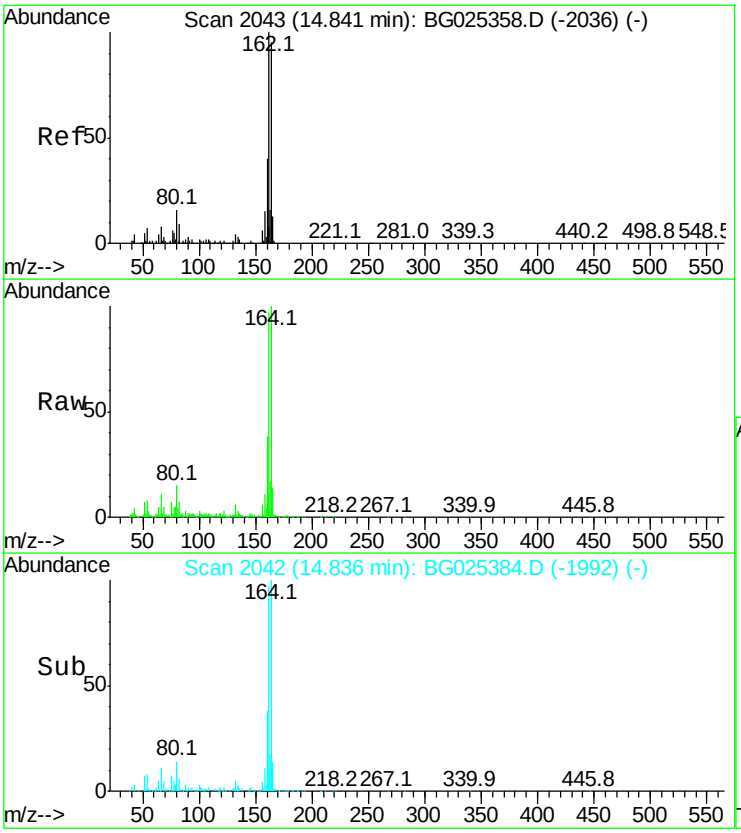
#24
Nitrobenzene
Concen: 2.52 ng
RT: 9.40 min Scan# 1117
Delta R.T. -0.04 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 13400

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	65.0	12.4	18.6#

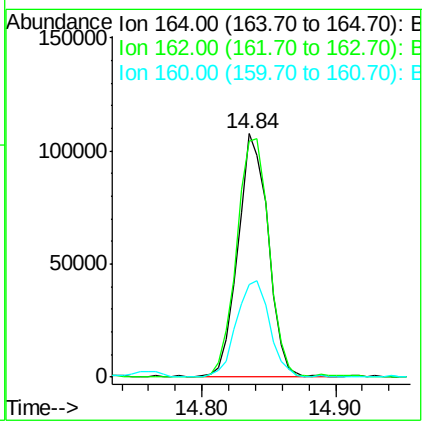


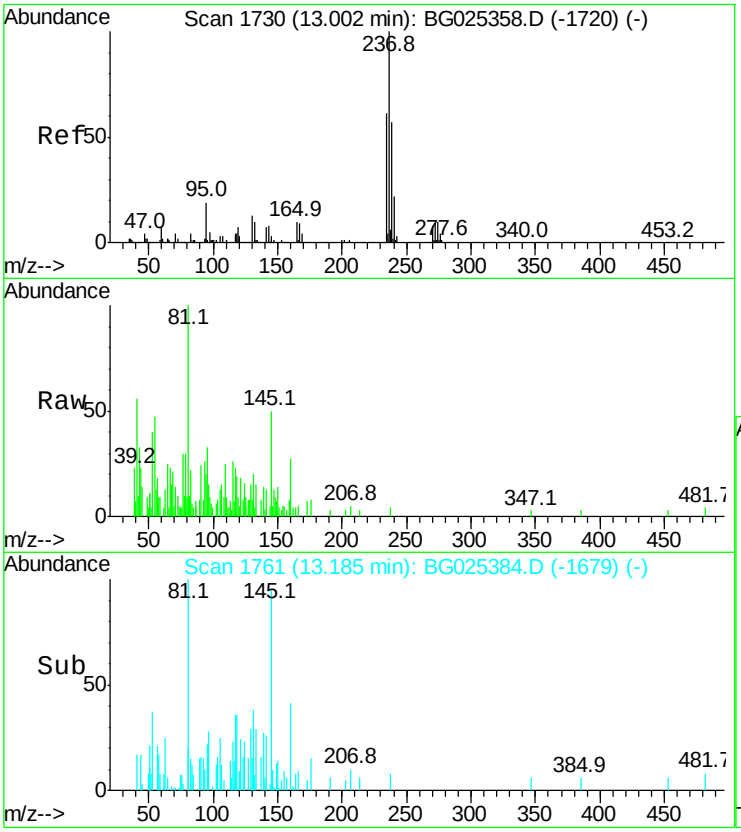


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion:164 Resp: 168100

Ion	Ratio	Lower	Upper
164	100		
162	96.9	85.1	127.7
160	38.0	34.7	52.1



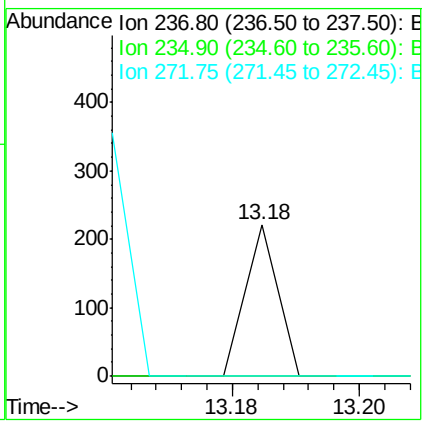


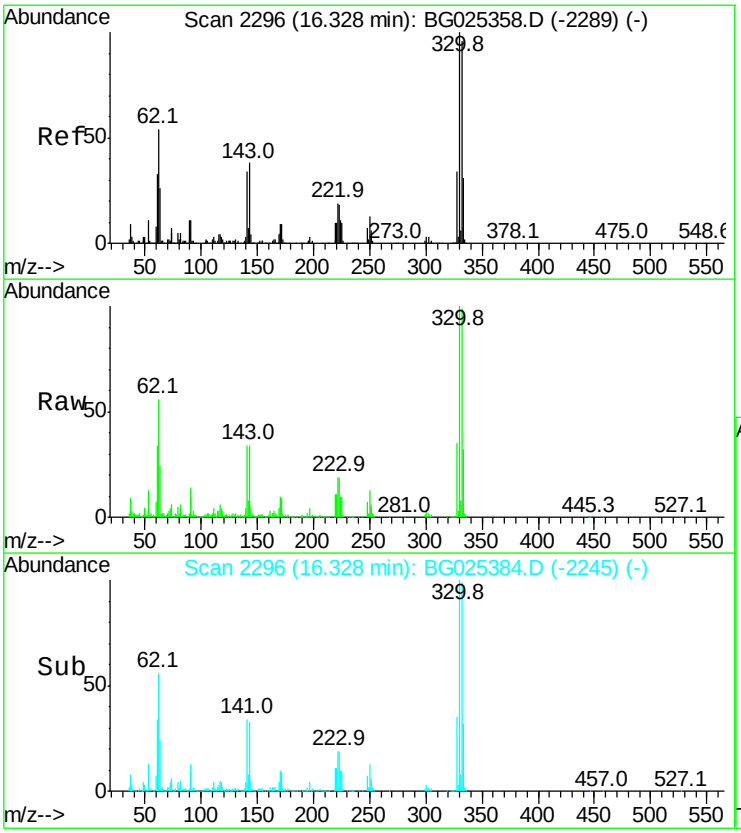
#40
Hexachlorocyclopentadiene
Concen: 8.55 ng
RT: 13.18 min Scan# 1761
Delta R.T. 0.18 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:237 Resp: 78

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

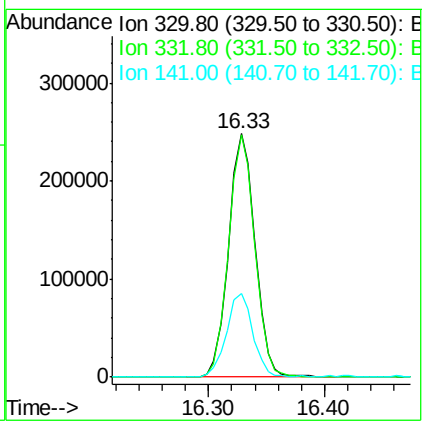


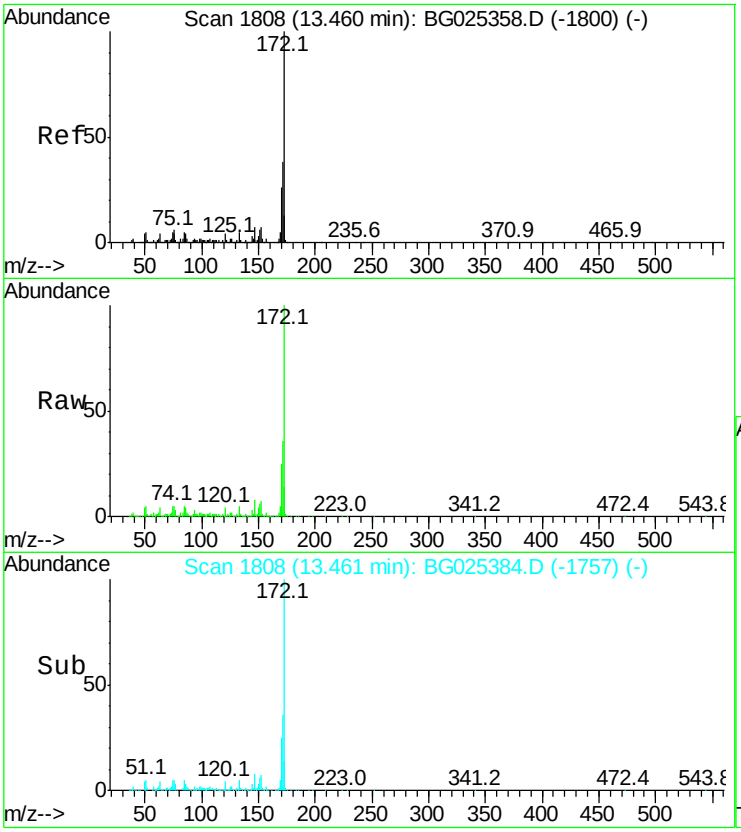


#41
2,4,6-Tribromophenol
Concen: 145.39 ng
RT: 16.33 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion:330 Resp: 393482

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	34.1	32.1	48.1



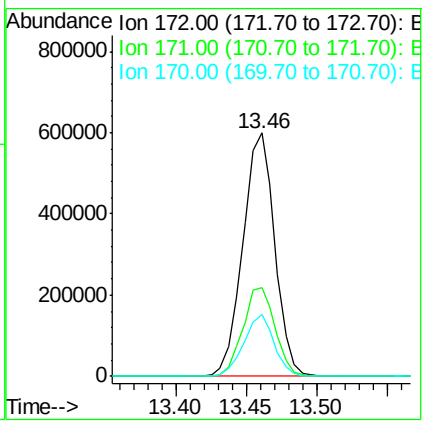


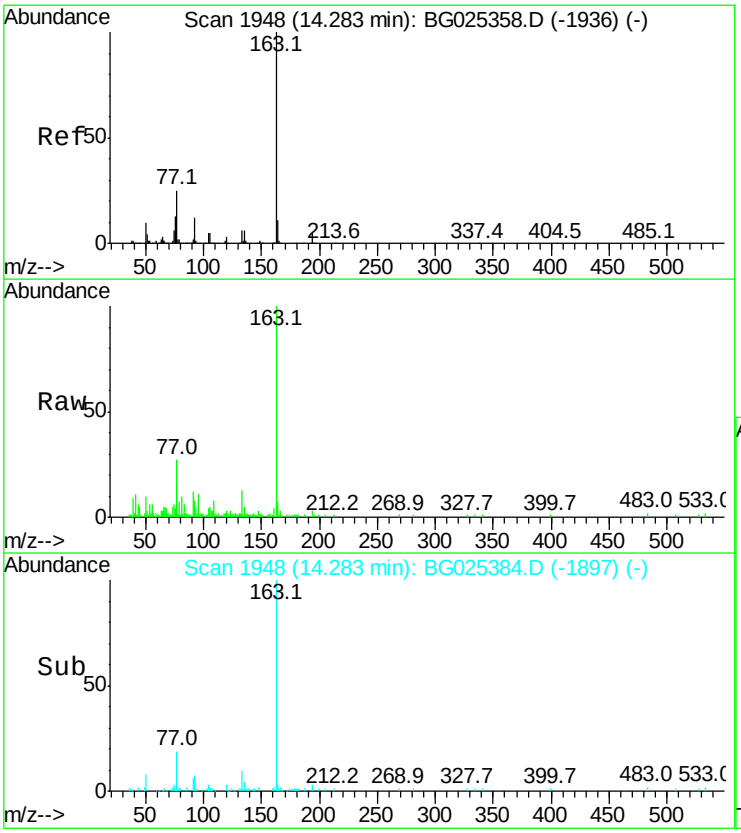
#44
2-Fluorobiphenyl
Concen: 91.31 ng
RT: 13.46 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 948029

Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	25.4	21.8	32.6

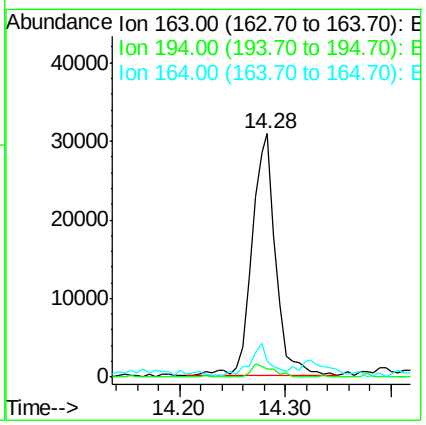


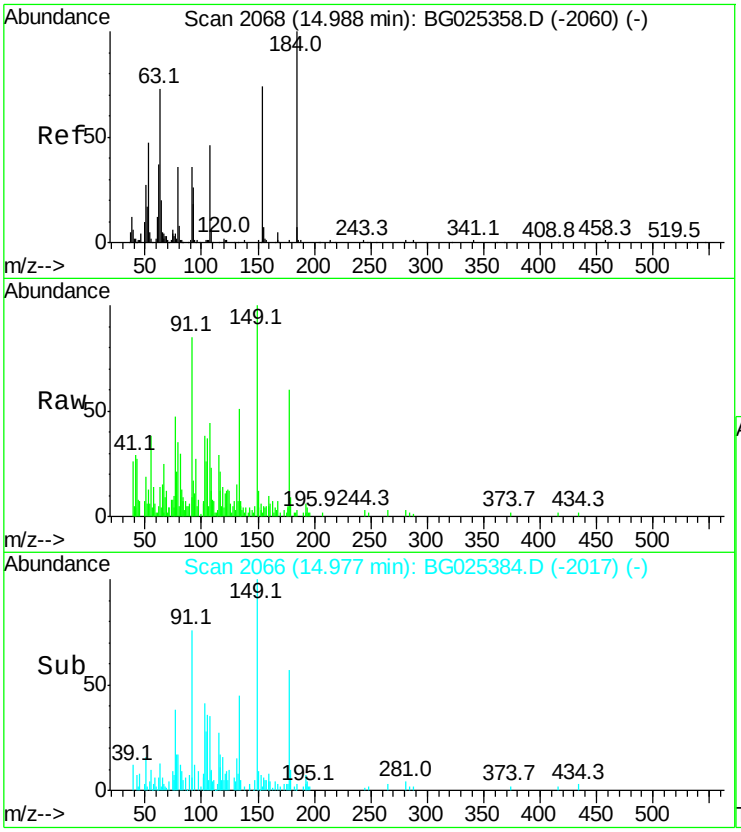


#49
Dimethylphthalate
Concen: 3.92 ng
RT: 14.28 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion:163 Resp: 48072

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.8	5.6#
164	6.7	9.3	13.9#



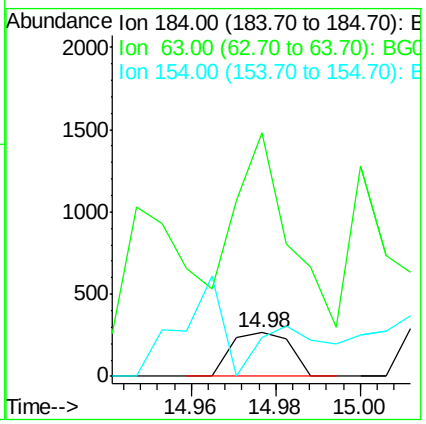


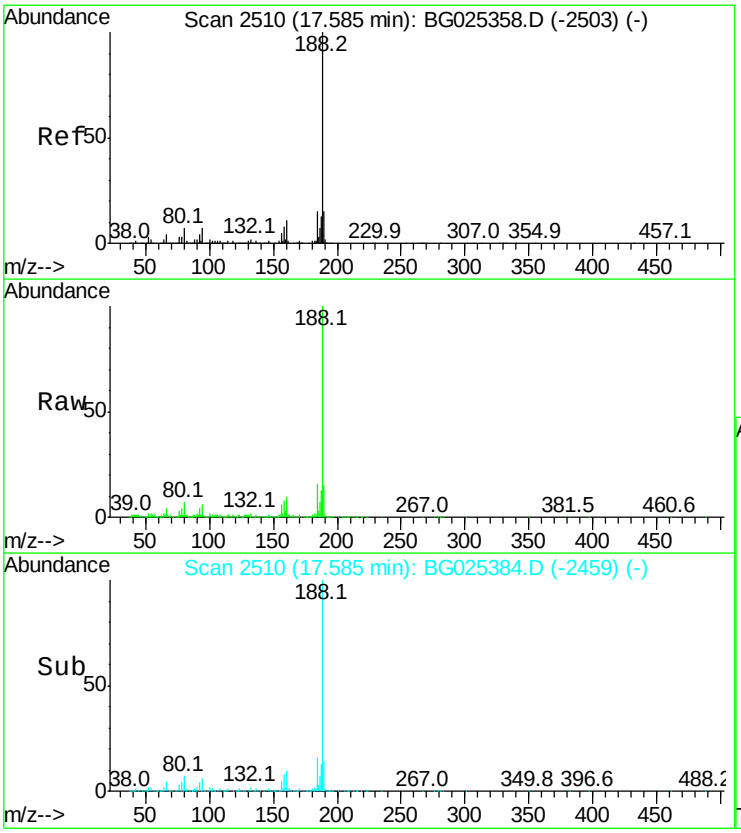
#53
2,4-Dinitrophenol
Concen: 5.21 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 257

Ion	Ratio	Lower	Upper
184	100		
63	554.3	52.7	79.1#
154	87.3	57.3	85.9#

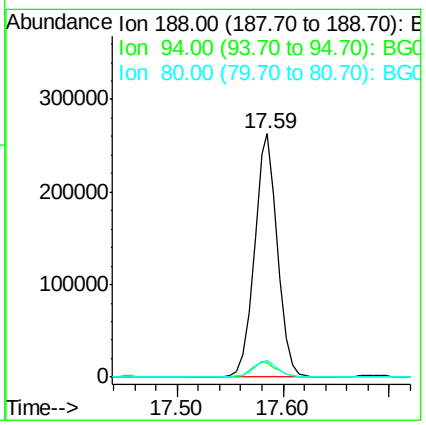


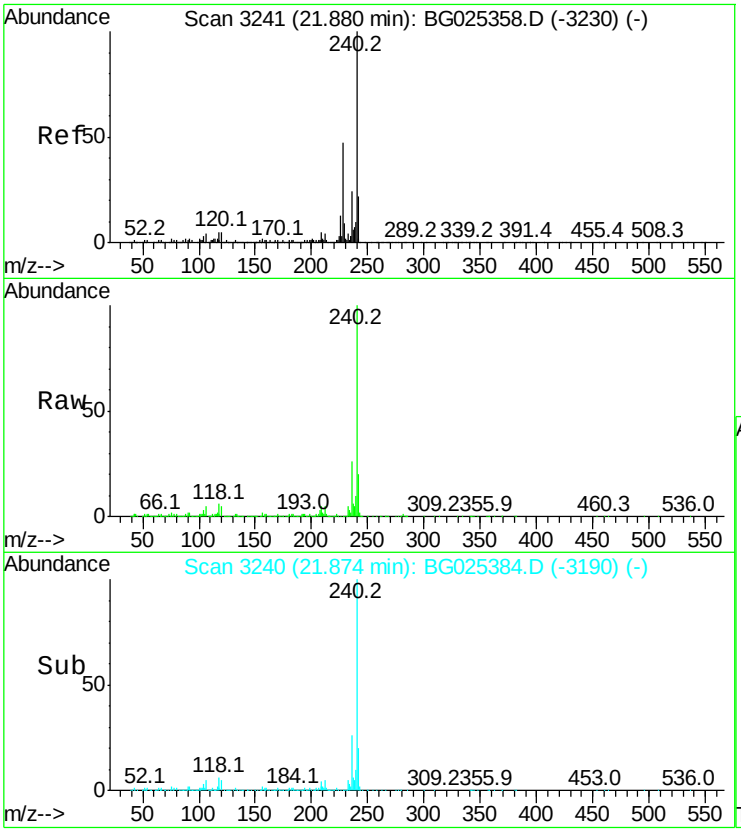


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion:188 Resp: 397018

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.8	8.8
80	7.3	7.5	11.3#



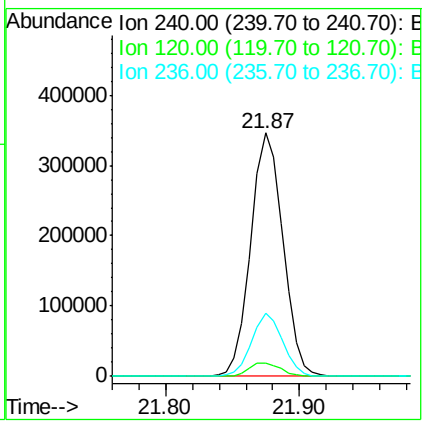


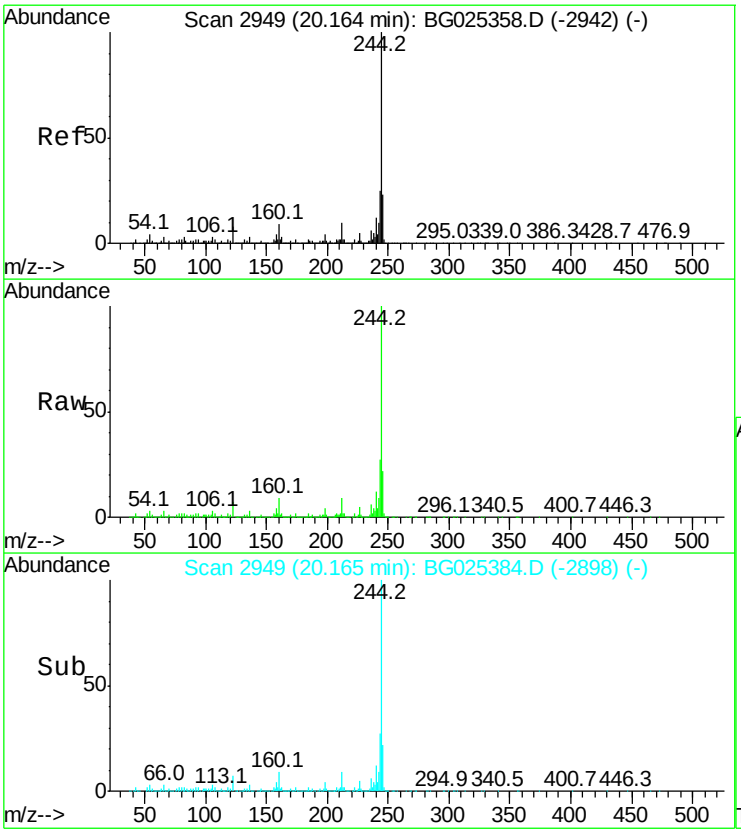
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 575911

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	25.9	22.2	33.4

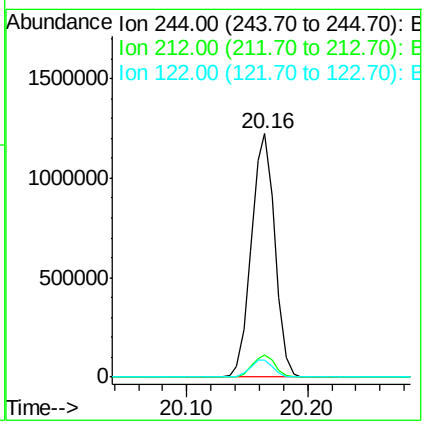


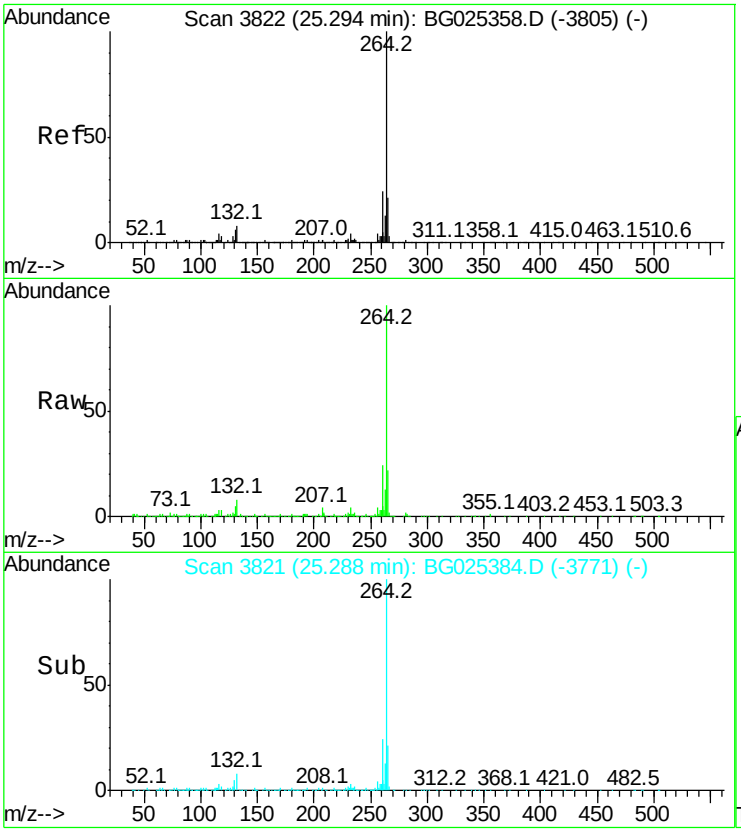


#78
Terphenyl-d14
Concen: 76.24 ng
RT: 20.16 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion:244 Resp: 1655978

Ion	Ratio	Lower	Upper
244	100		
212	9.1	10.0	15.0#
122	6.9	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3821
Delta R.T. -0.01 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 607073

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.8	18.2	27.4