Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032614.D
Acq On : 8 Feb 2018 17:26
Operator : SJ/JU
Sample : J1473-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1

Quant Time: Feb 09 03:03:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	32220	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	130226	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	105959	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	326835	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	342241	20.00	ng	-0.02
86) Perylene-d12	26.06	264	350306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	244375	152.34	ng	-0.02
7) Phenol-d6	7.81	99	284944	133.11	ng	-0.02
23) Nitrobenzene-d5	9.88	82	224014	107.44	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	325604	161.44	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	835120	93.68	ng	-0.02
78) Terphenyl-d14	20.60	244	1594603	99.81	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.61	128	21856	3.436	ng	99

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

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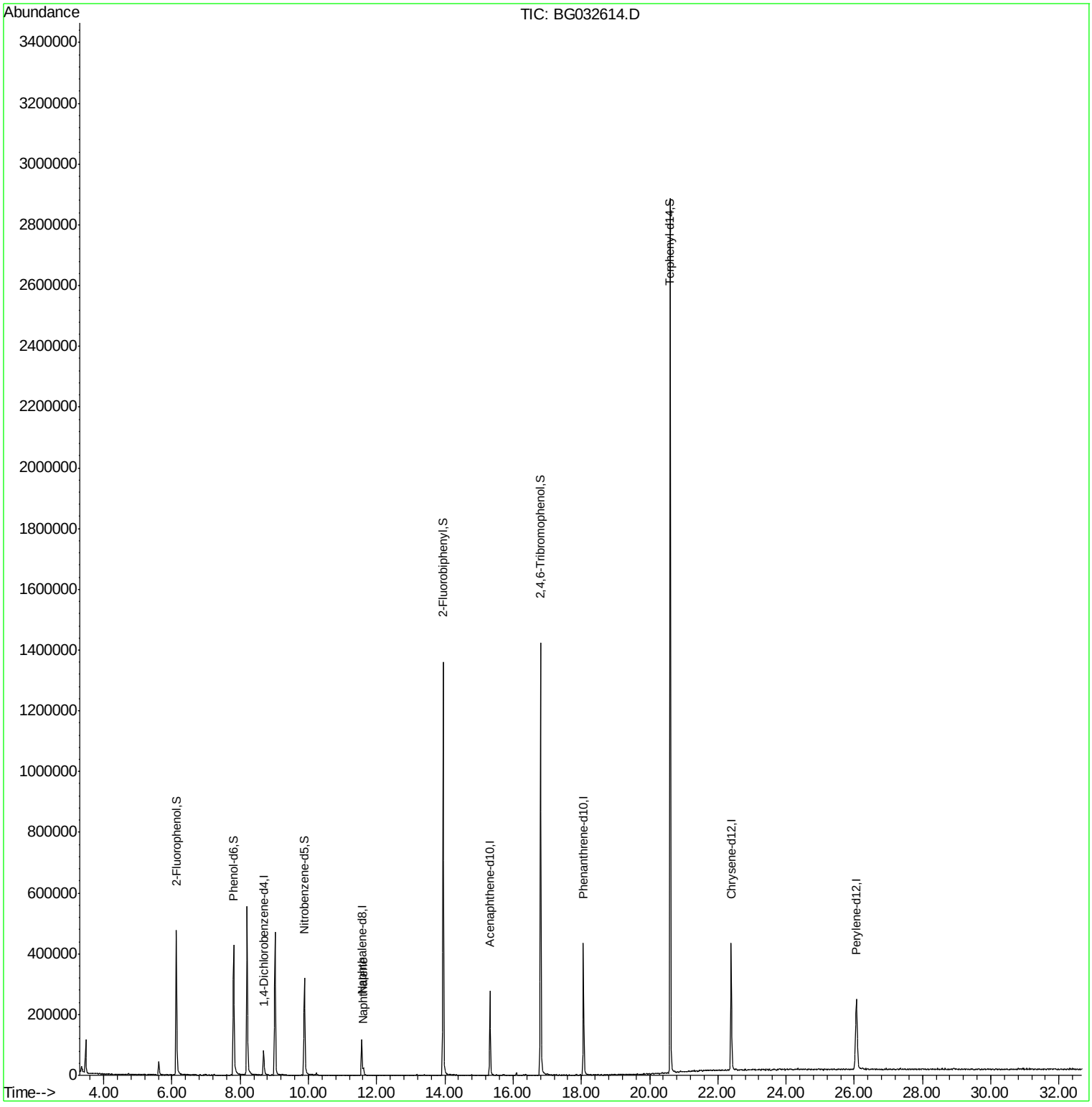
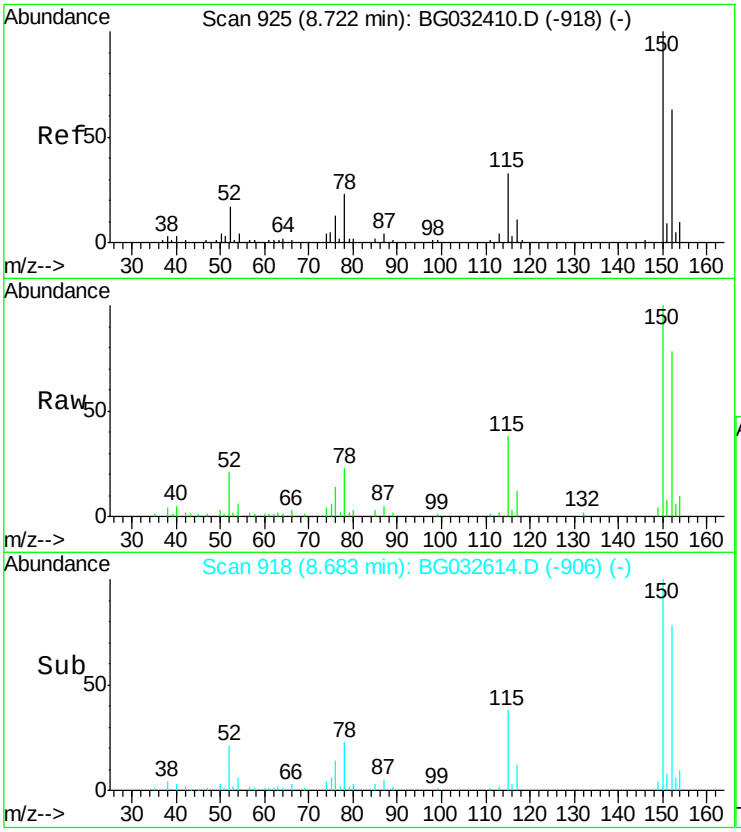


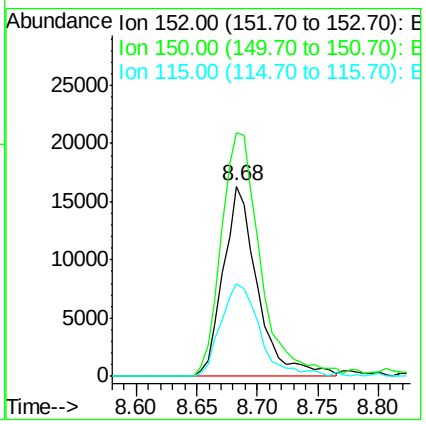


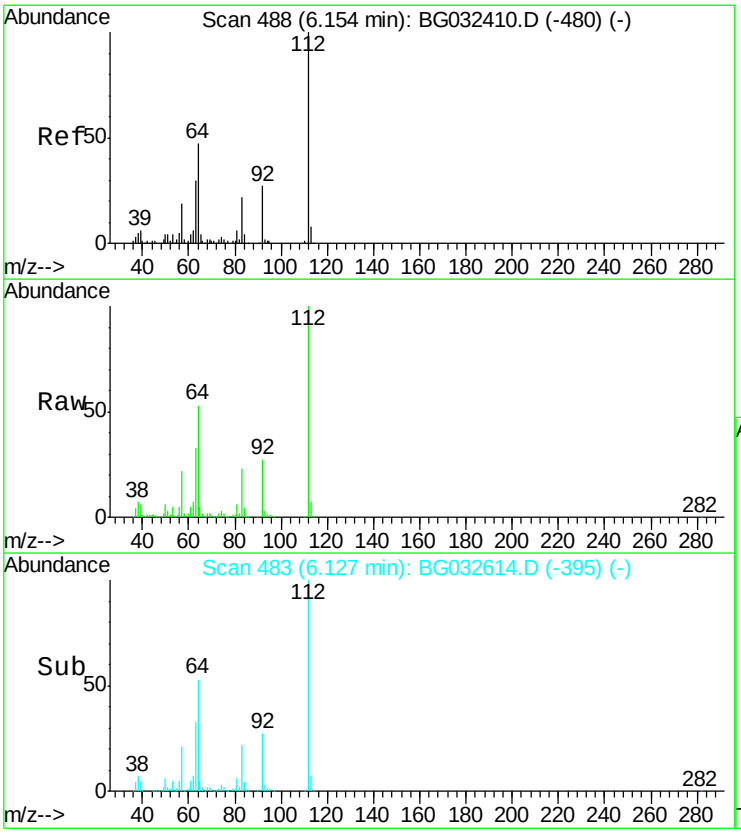
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Instrument :
BNA_G
ClientSampleId :
B1

Tgt Ion:152 Resp: 32220

Ion	Ratio	Lower	Upper
152	100		
150	128.3	126.6	189.8
115	48.6	53.0	79.4#

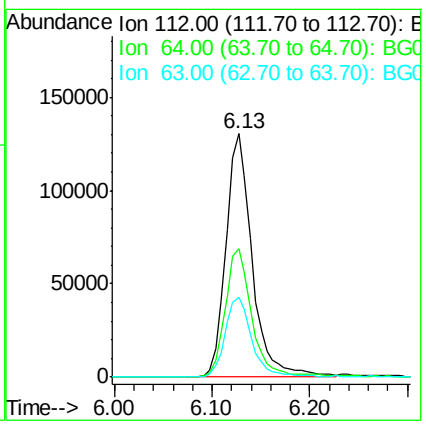


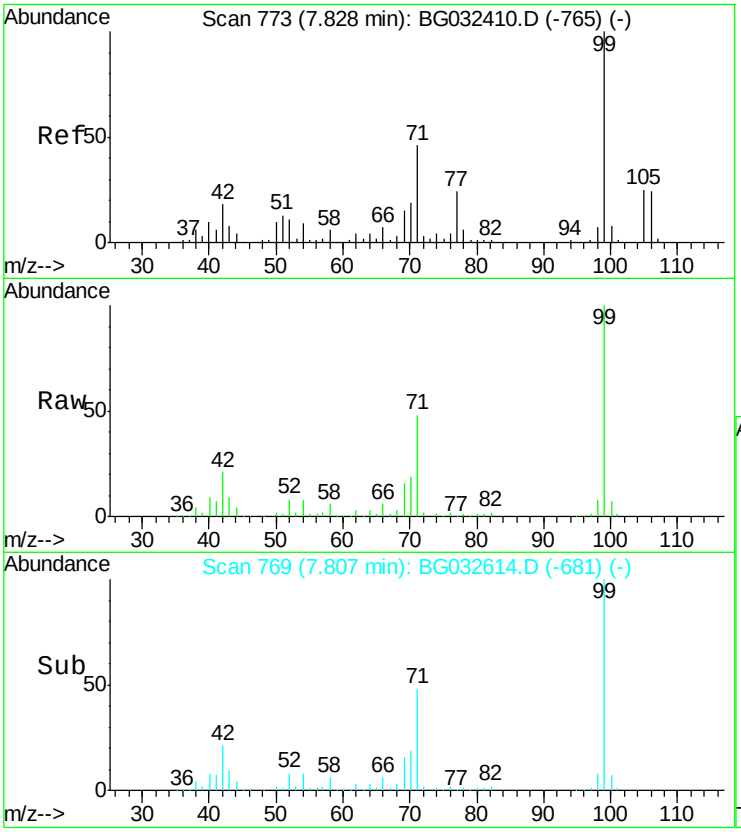


#5
2-Fluorophenol
Concen: 152.341 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Tgt Ion:112 Resp: 244375

Ion	Ratio	Lower	Upper
112	100		
64	53.0	56.3	84.5#
63	33.0	30.1	45.1



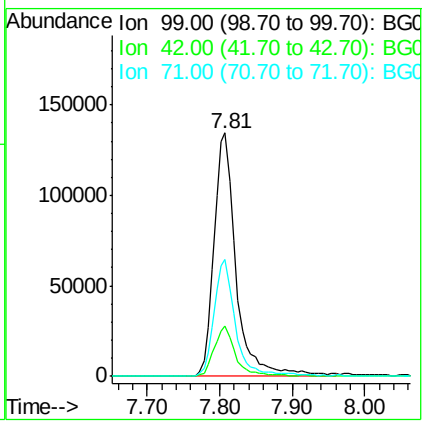


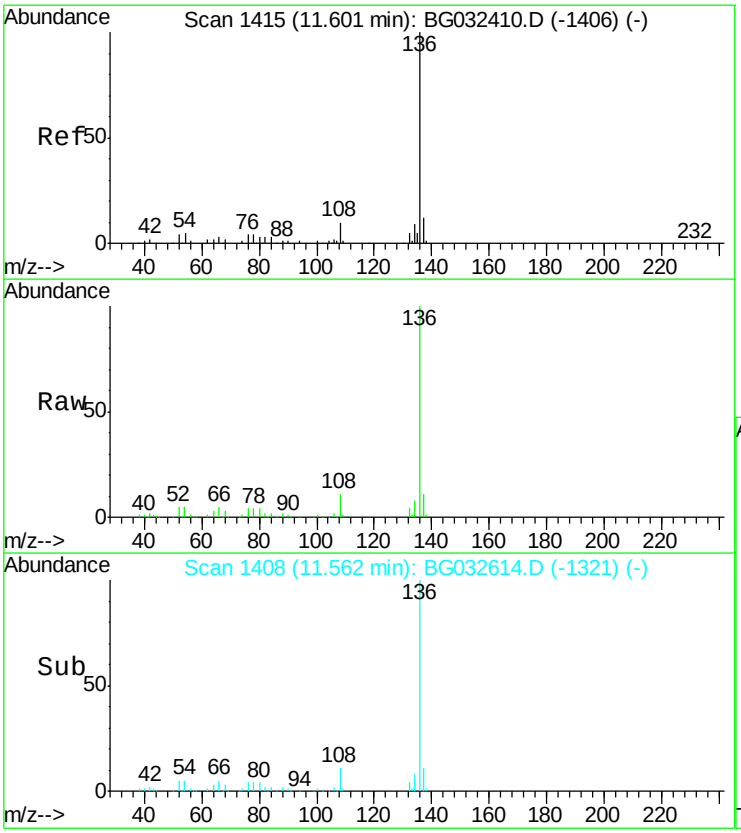
#7
Phenol-d6
Concen: 133.115 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.02 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Instrument :
BNA_G
ClientSampleId :
B1

Tgt Ion: 99 Resp: 284944

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.1	21.1
71	48.2	26.1	39.1#

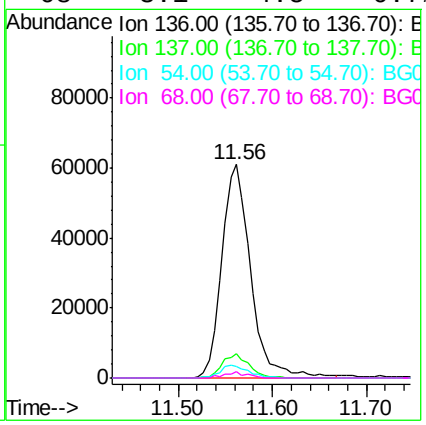


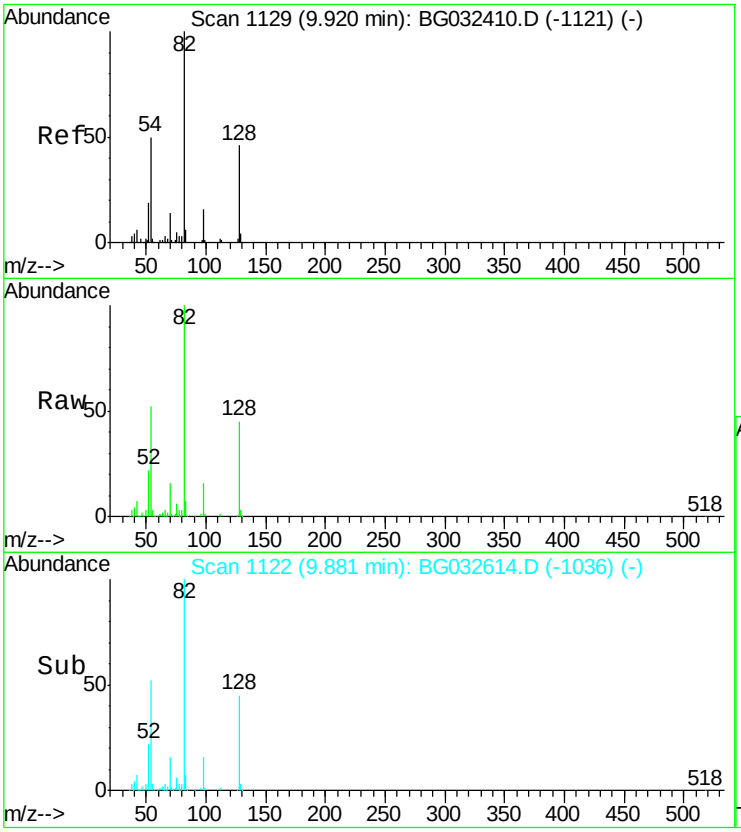


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Tgt Ion:136 Resp: 130226

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.2	10.3	15.5#
68	3.1	4.5	6.7#



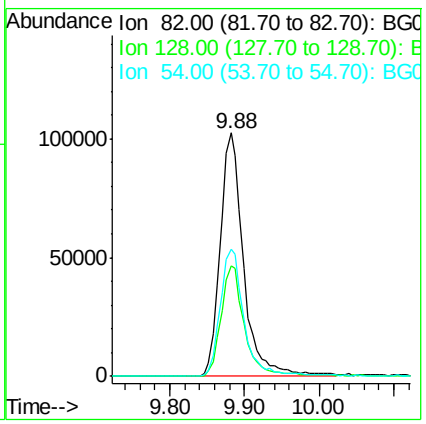


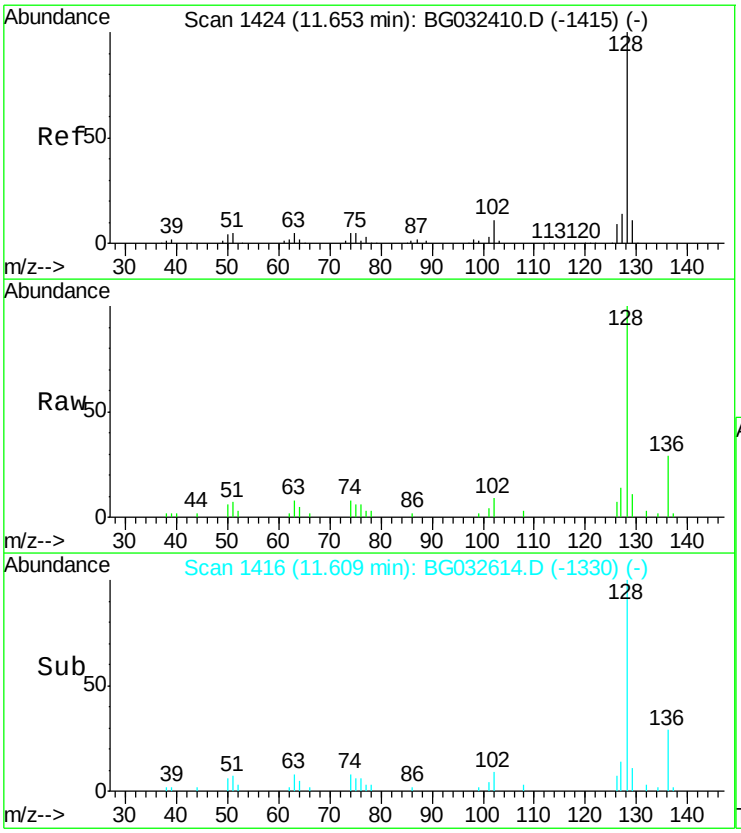
#23
Nitrobenzene-d5
Concen: 107.444 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Instrument :
BNA_G
ClientSampleId :
B1

Tgt Ion: 82 Resp: 224014

Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	52.1	43.1	64.7

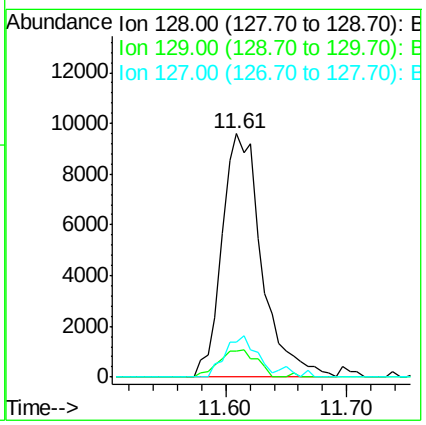


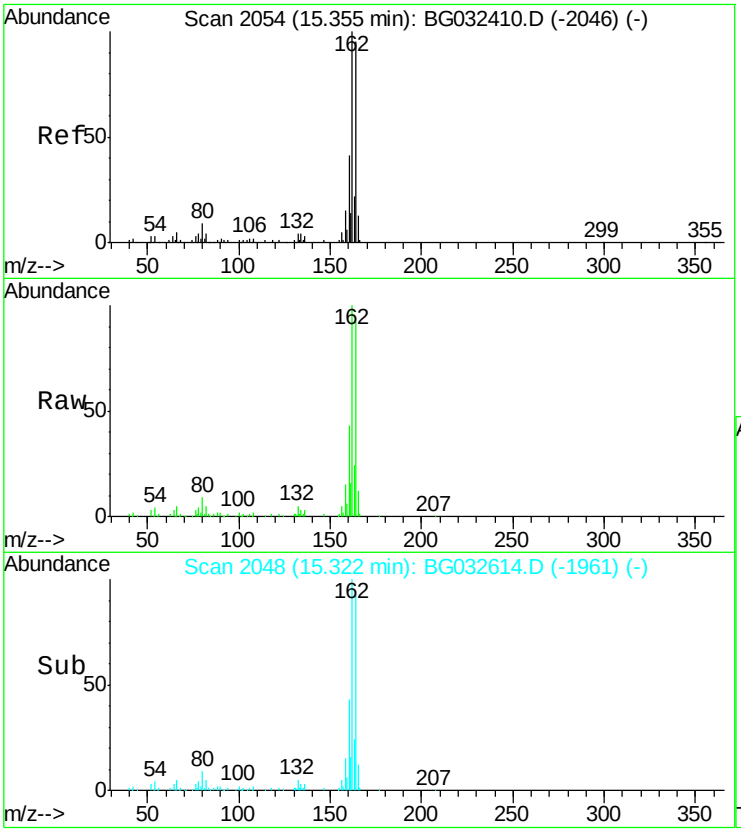


#31
Naphthalene
Concen: 3.436 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.03 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Tgt Ion:128 Resp: 21856

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	14.1	11.6	17.4



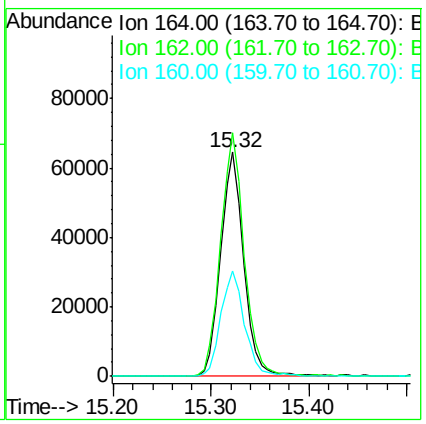


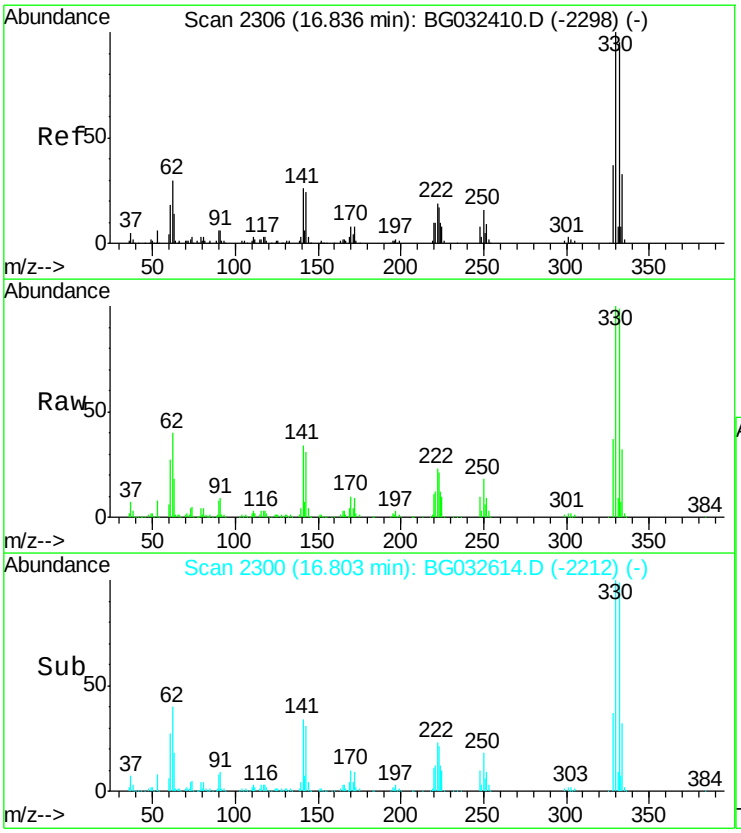
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Instrument :
BNA_G
ClientSampleId :
B1

Tgt Ion:164 Resp: 105959

Ion	Ratio	Lower	Upper
164	100		
162	108.8	78.8	118.2
160	47.0	35.4	53.0

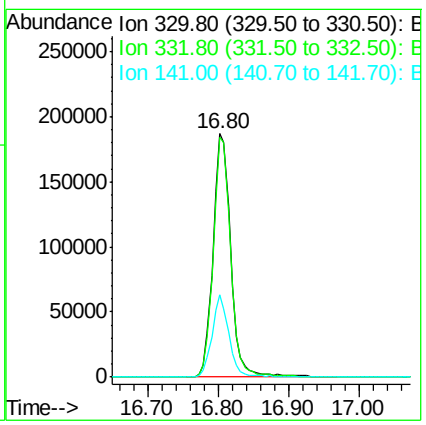


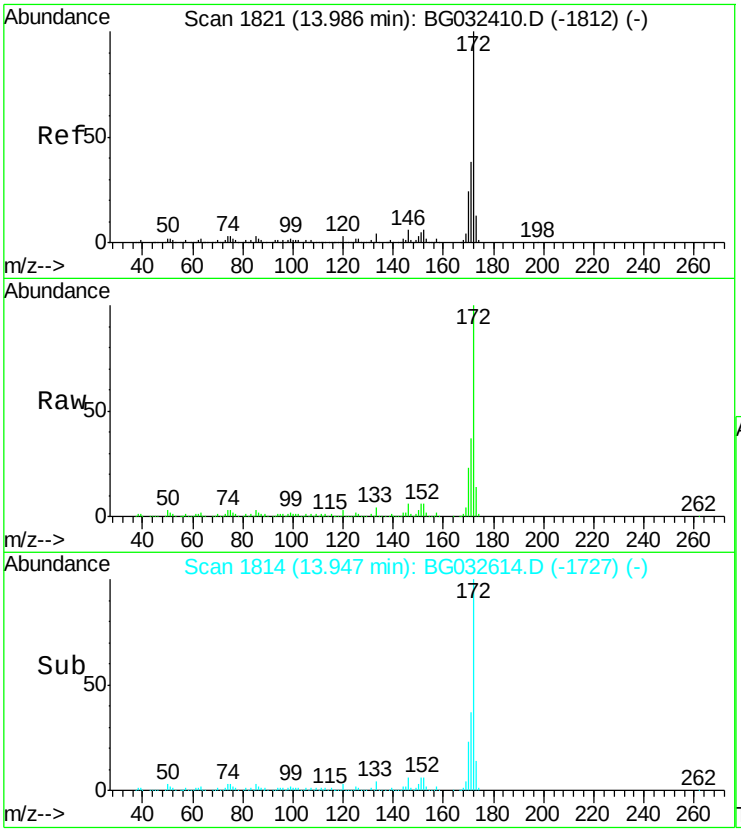


#41
2,4,6-Tribromophenol
Concen: 161.435 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Tgt Ion:330 Resp: 325604

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.0	25.2	37.8



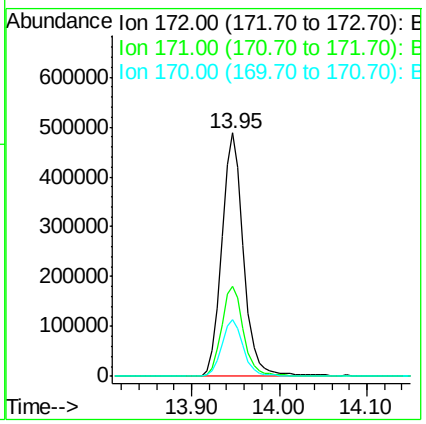


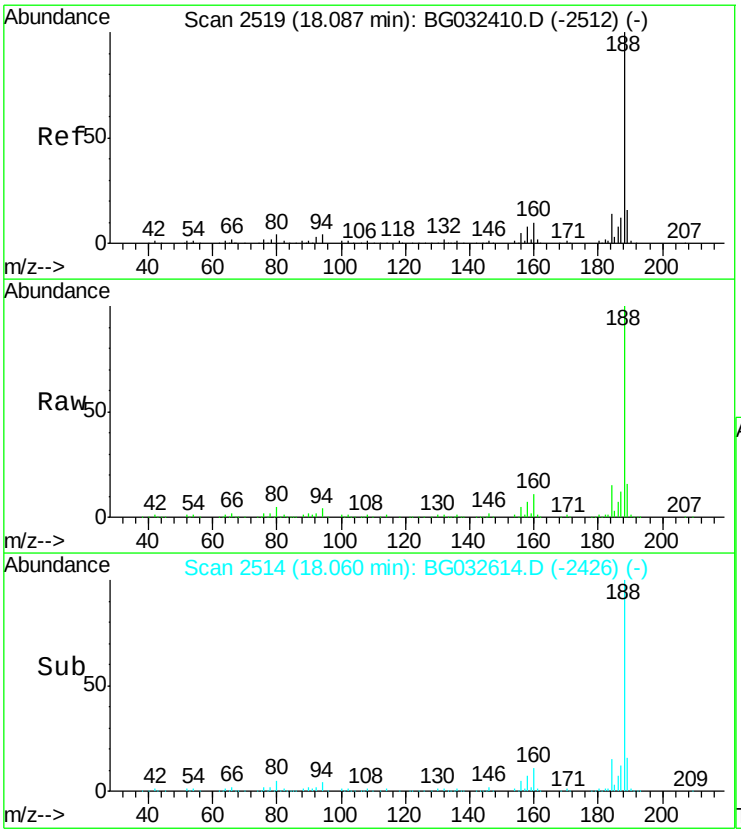
#44
2-Fluorobiphenyl
Concen: 93.677 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Instrument :
BNA_G
ClientSampleId :
B1

Tgt Ion:172 Resp: 835120

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.1	19.5	29.3

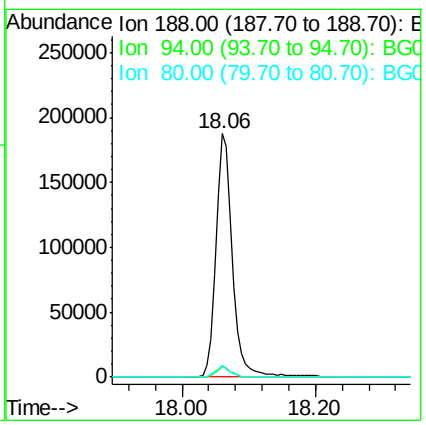


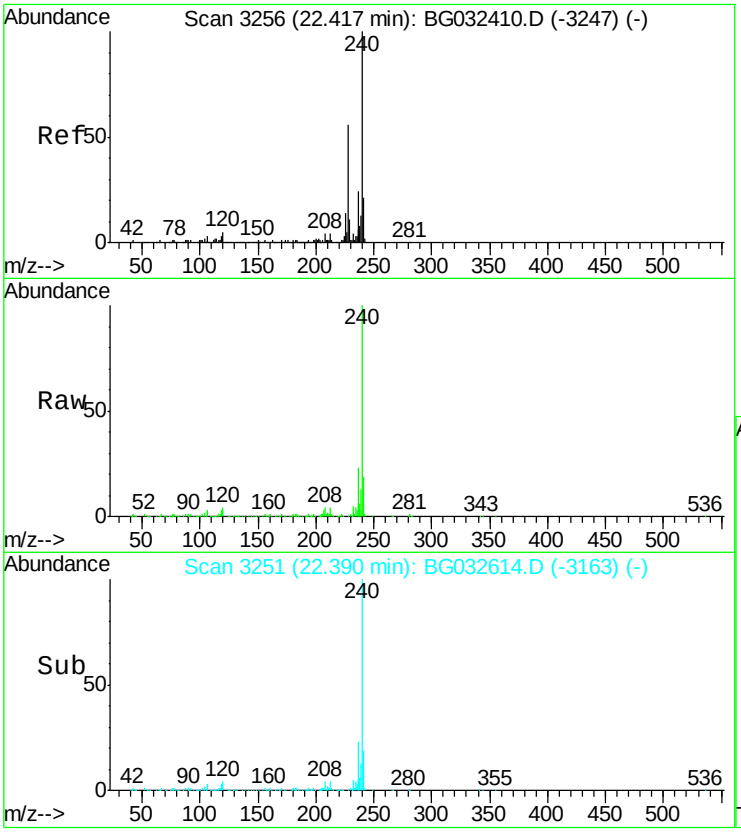


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.02 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Tgt Ion:188 Resp: 326835

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.7	7.7	11.5#



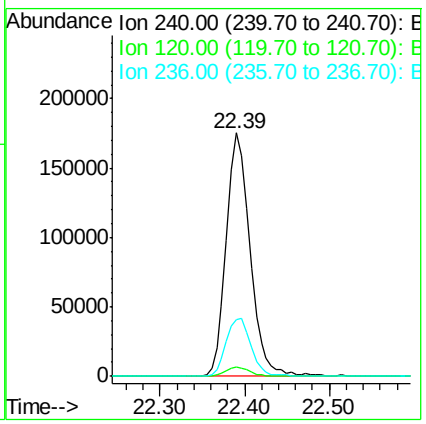


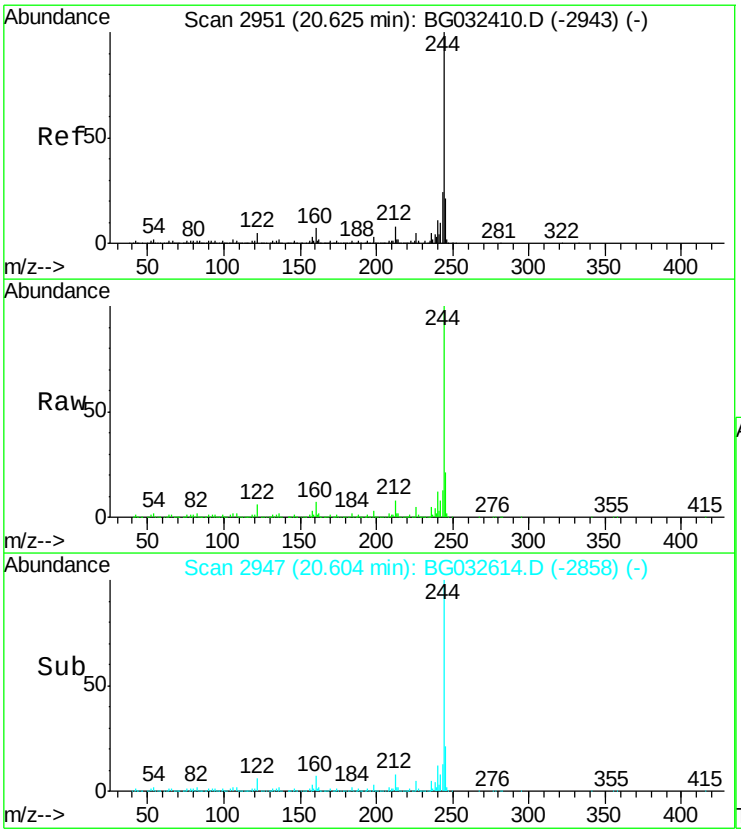
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.02 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Instrument :
BNA_G
ClientSampleId :
B1

Tgt Ion:240 Resp: 342241

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	23.5	20.9	31.3

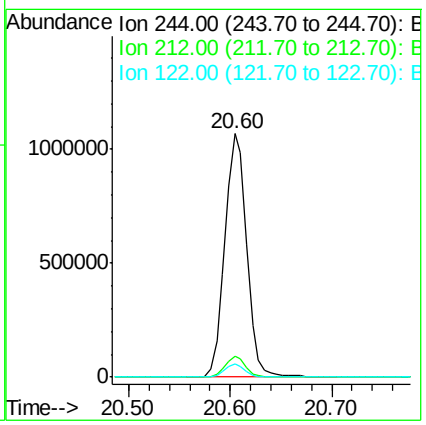


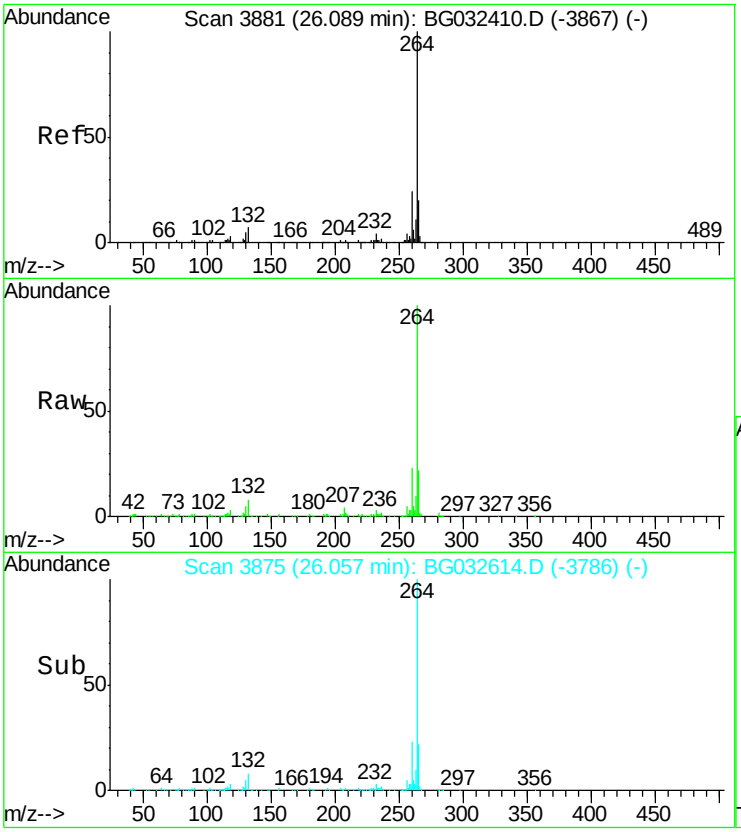


#78
Terphenyl-d14
Concen: 99.806 ng
RT: 20.60 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Tgt Ion:244 Resp: 1594603

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	5.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.06 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BG032614.D
Acq: 8 Feb 2018 17:26

Instrument :
BNA_G
ClientSampleId :
B1

Tgt Ion:264 Resp: 350306

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.8	17.7	26.5