Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030417\
Data File : BG026076.D
Acq On : 3 Mar 2017 23:05
Operator : SJ/MA
Sample : I2089-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-B65-B66-001

Quant Time: Mar 04 00:45:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	128910	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	532172	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	295731	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	697061	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	682108	20.00	ng	-0.03
86) Perylene-d12	24.84	264	627445	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	975227	131.71	ng	-0.01
7) Phenol-d6	7.22	99	1136025	103.68	ng	-0.01
23) Nitrobenzene-d5	9.23	82	808520	95.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	479812	175.61	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1905361	112.58	ng	-0.02
78) Terphenyl-d14	20.00	244	2591773	92.41	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.92	128	84673	3.08	ng	# 96

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

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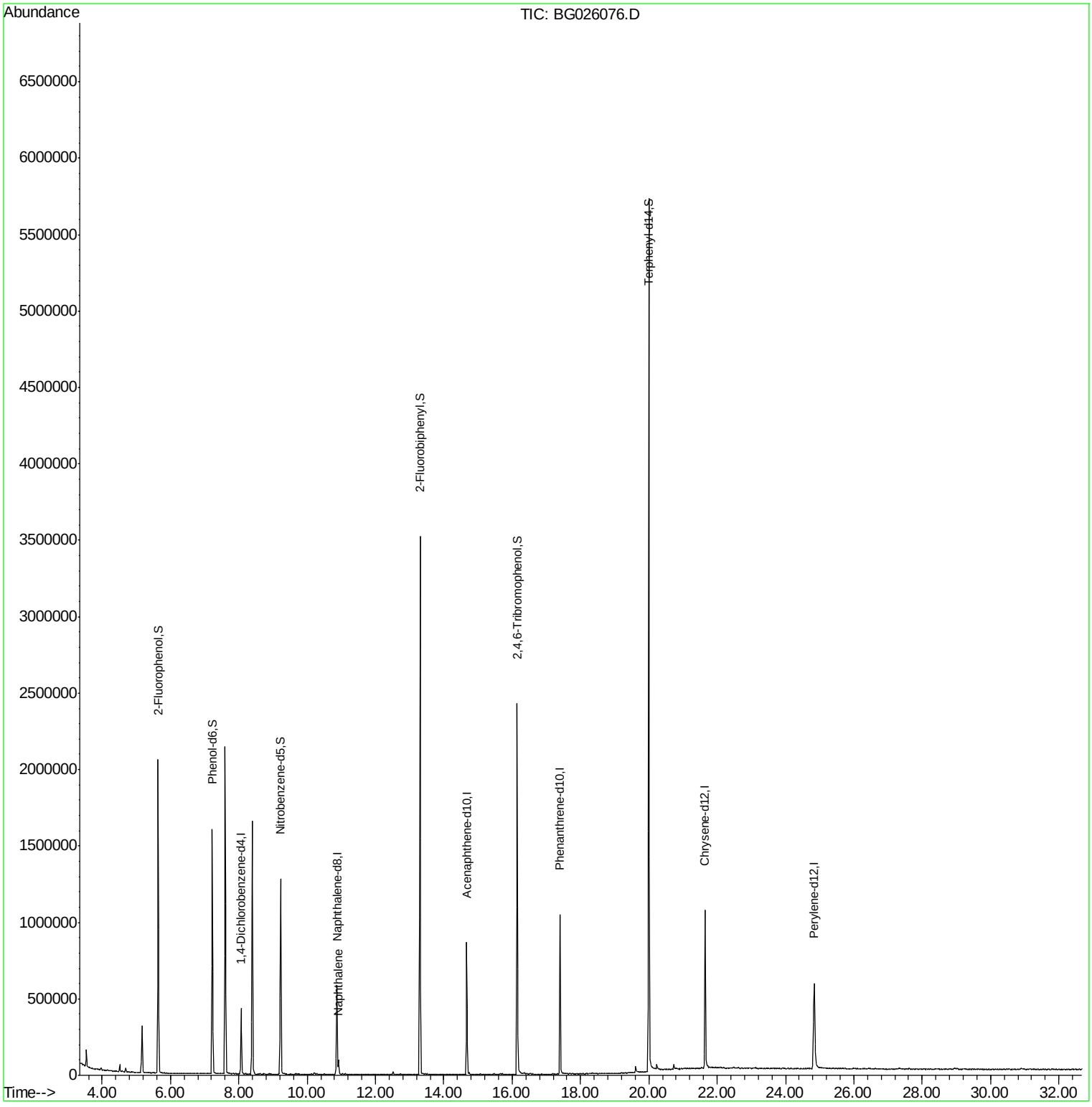
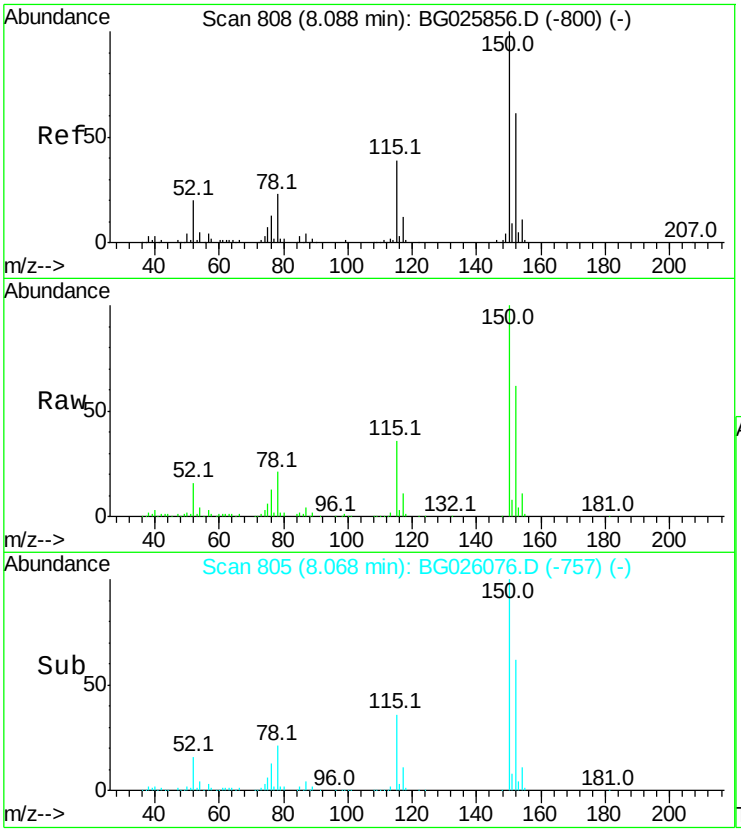


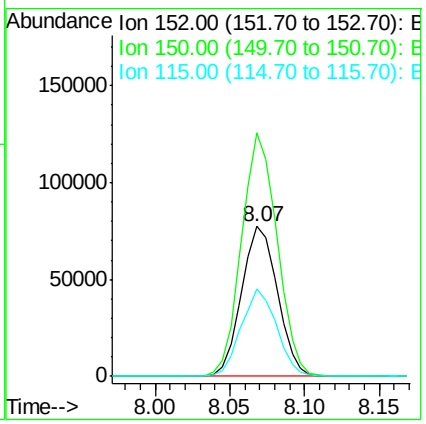


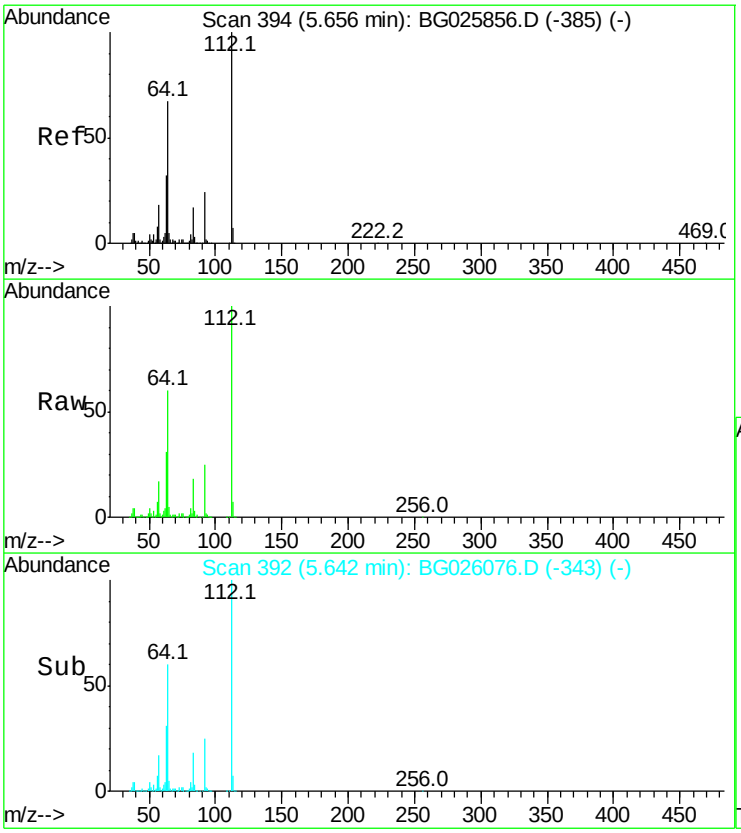
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Instrument :
BNA_G
ClientSampleId :
WC-B65-B66-001

Tgt Ion:152 Resp: 128910

Ion	Ratio	Lower	Upper
152	100		
150	162.2	114.0	171.0
115	58.5	48.1	72.1

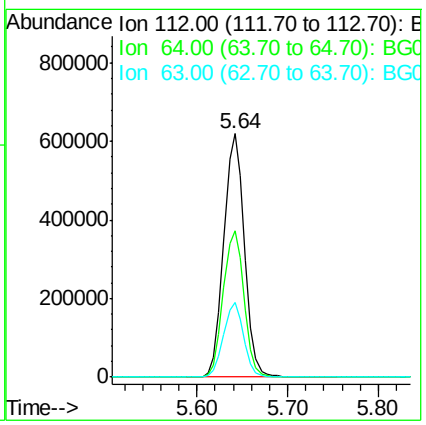


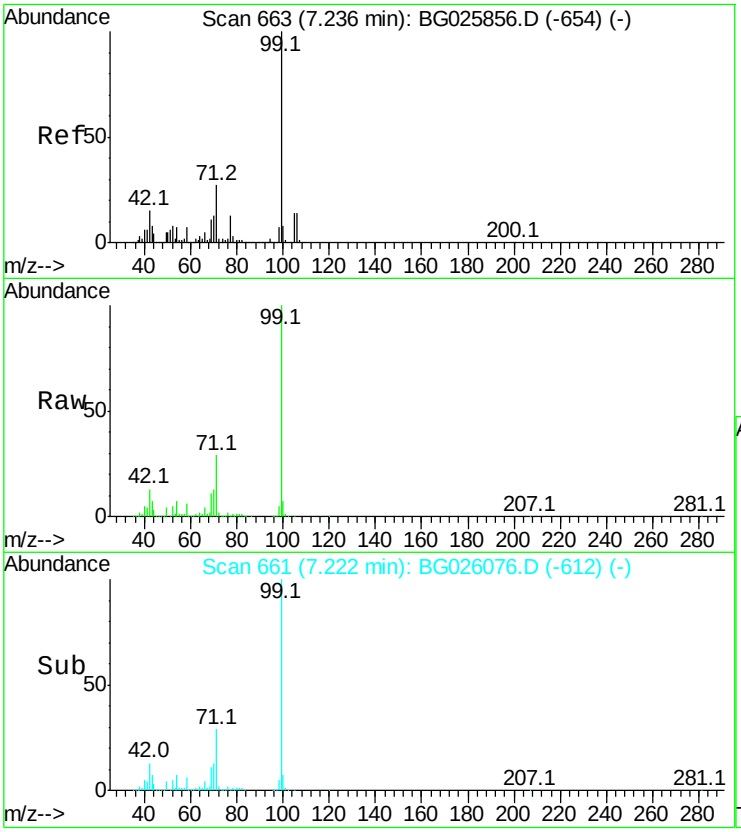


#5
2-Fluorophenol
Concen: 131.71 ng
RT: 5.64 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Tgt Ion:112 Resp: 975227

Ion	Ratio	Lower	Upper
112	100		
64	60.2	61.8	92.6#
63	30.7	37.2	55.8#



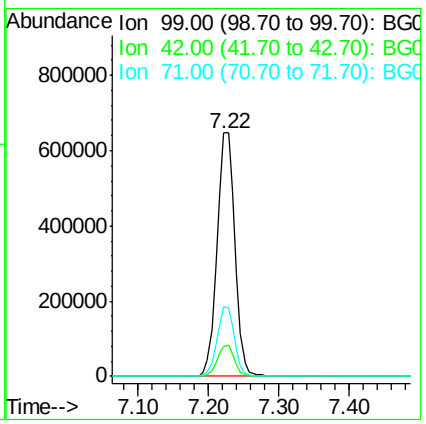


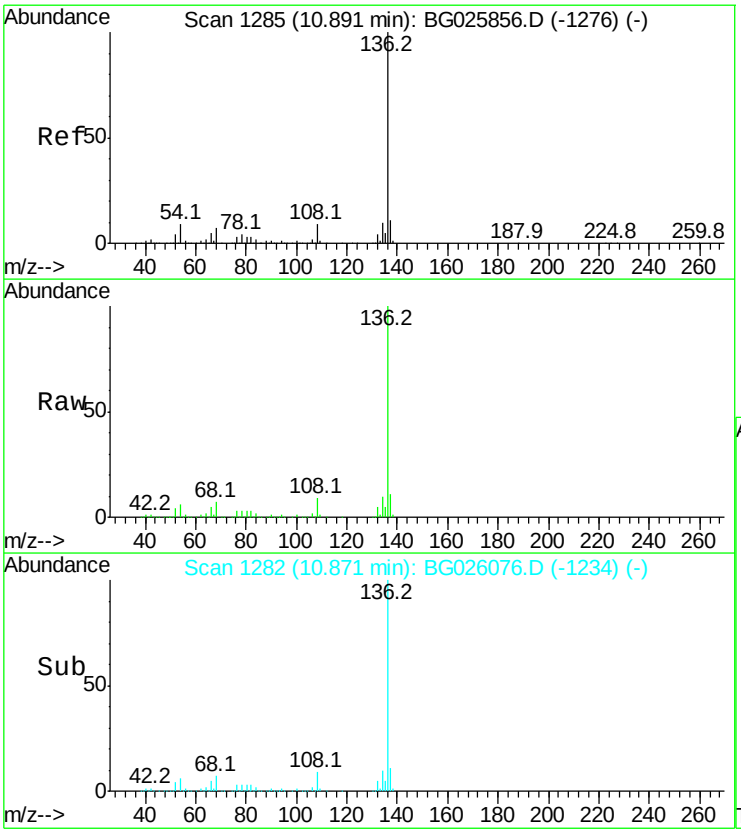
#7
Phenol-d6
Concen: 103.68 ng
RT: 7.22 min Scan# 661
Delta R.T. -0.01 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Instrument :
BNA_G
ClientSampleId :
WC-B65-B66-001

Tgt Ion: 99 Resp: 1136025

Ion	Ratio	Lower	Upper
99	100		
42	12.5	20.5	30.7#
71	28.6	37.6	56.4#

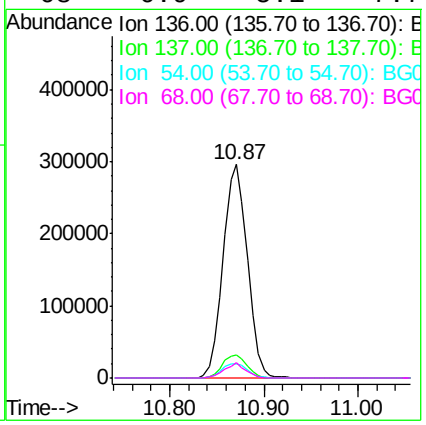


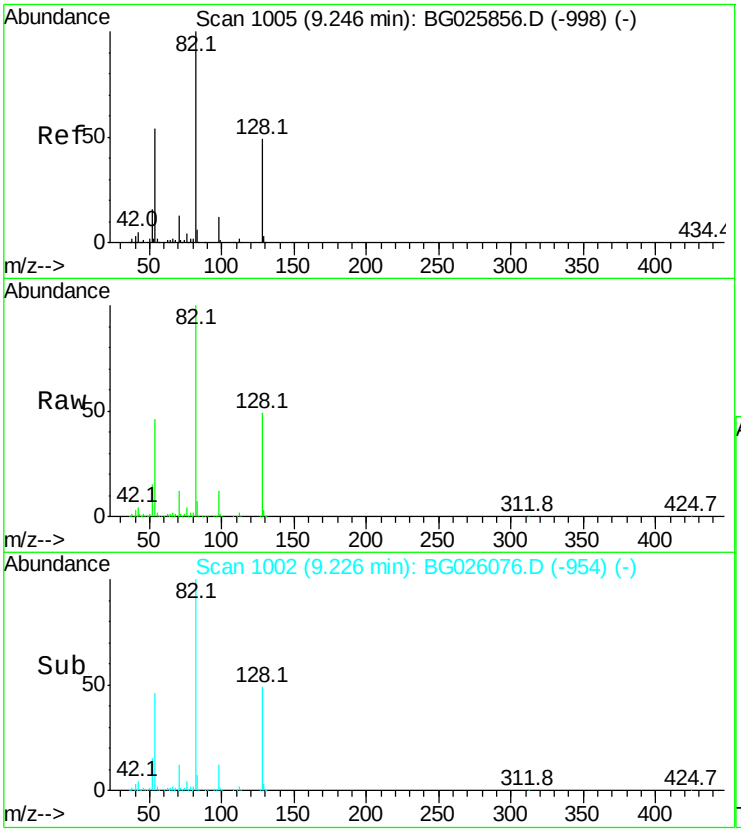


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Tgt Ion:136 Resp: 532172

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	9.3	13.9#
68	6.9	5.1	7.7



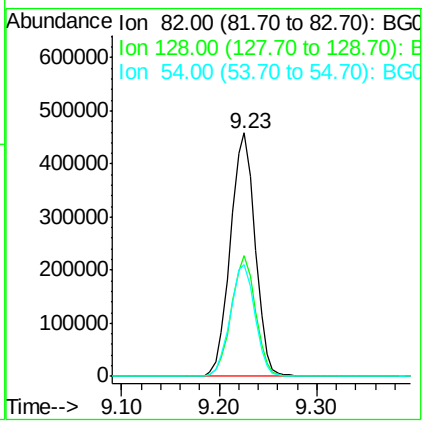


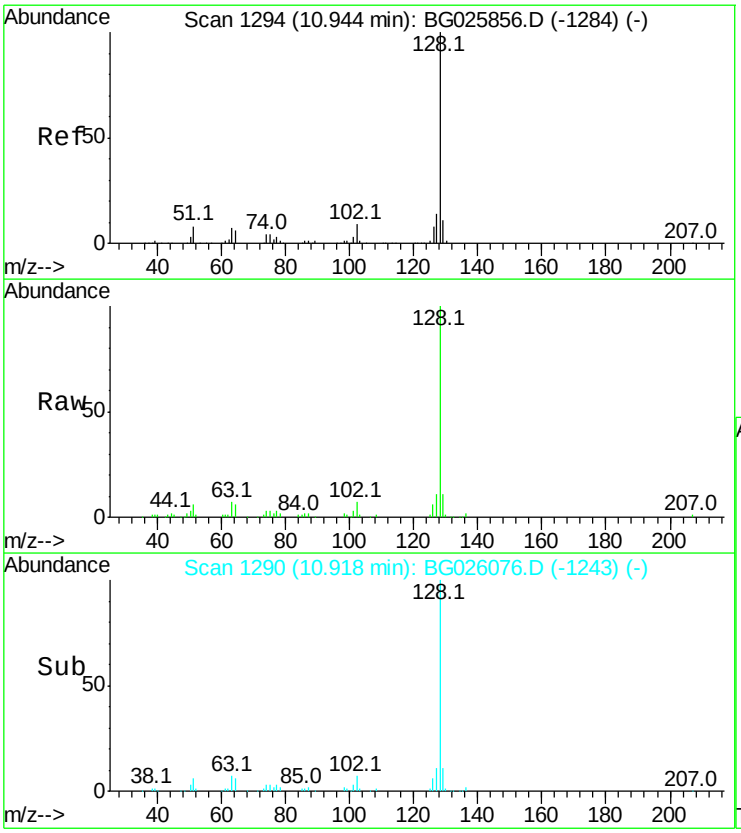
#23
Nitrobenzene-d5
Concen: 95.88 ng
RT: 9.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Instrument :
BNA_G
ClientSampleId :
WC-B65-B66-001

Tgt Ion: 82 Resp: 808520

Ion	Ratio	Lower	Upper
82	100		
128	49.5	26.4	39.6#
54	45.8	49.4	74.2#

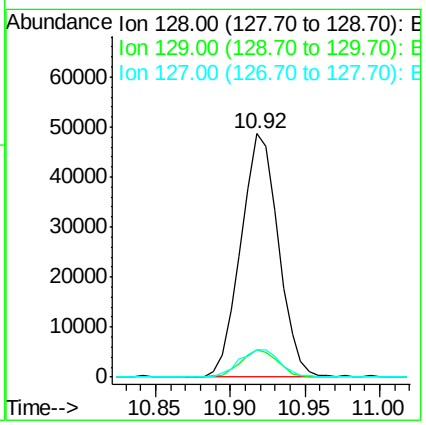


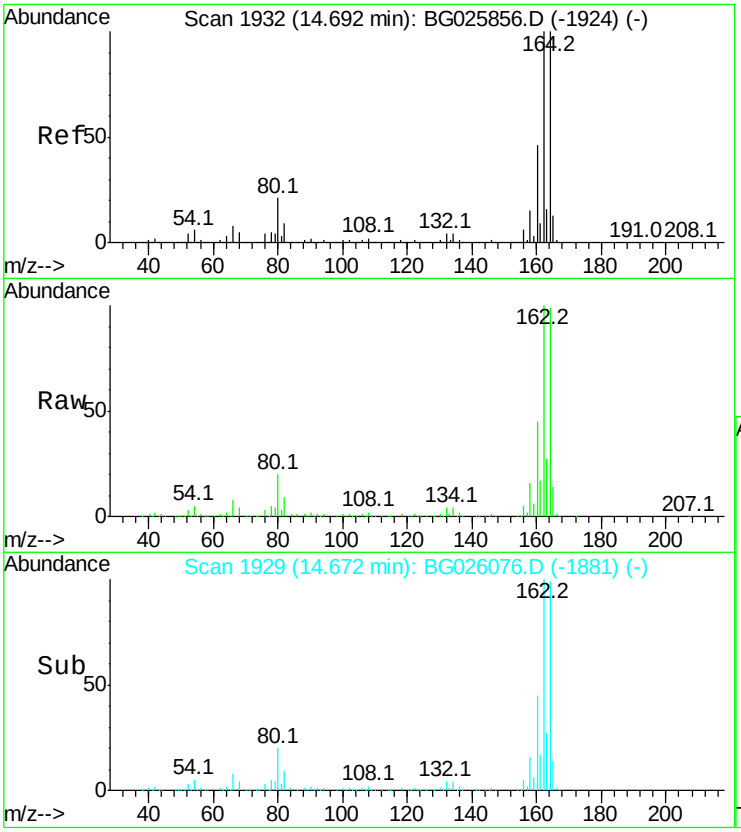


#31
Naphthalene
Concen: 3.08 ng
RT: 10.92 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Tgt Ion:128 Resp: 84673

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	11.2	11.4	17.0#



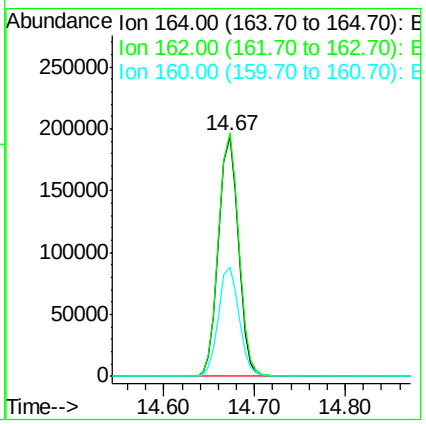


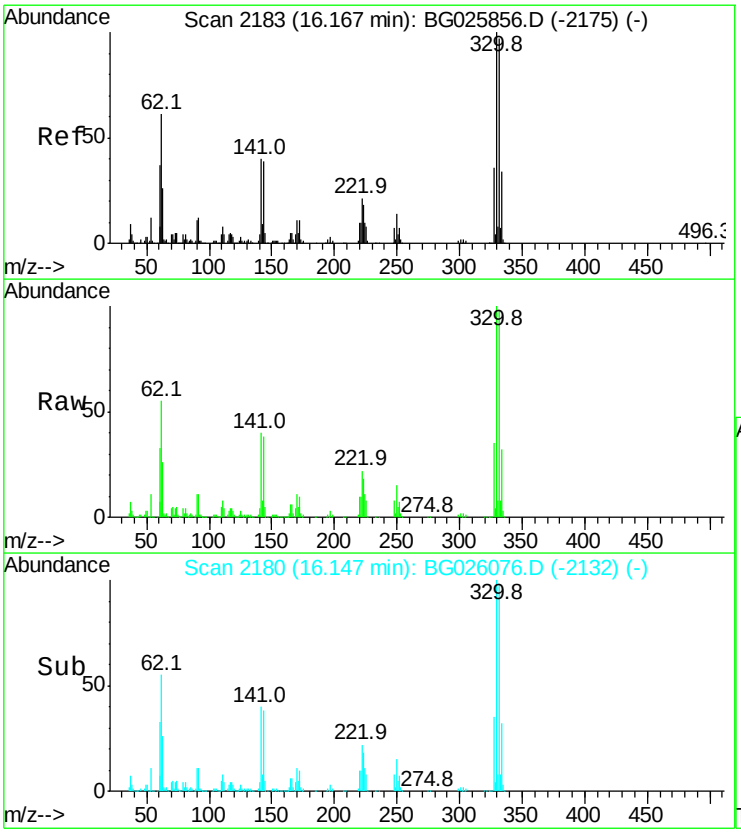
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Instrument :
BNA_G
ClientSampleId :
WC-B65-B66-001

Tgt Ion:164 Resp: 295731

Ion	Ratio	Lower	Upper
164	100		
162	101.4	85.1	127.7
160	45.6	34.7	52.1

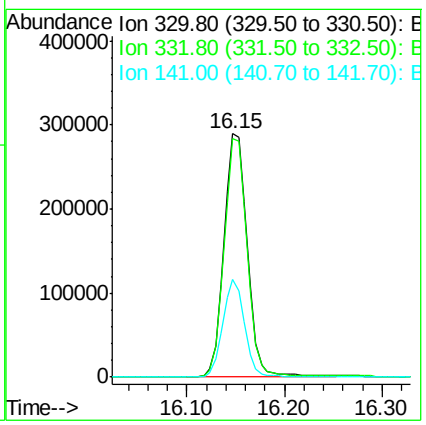


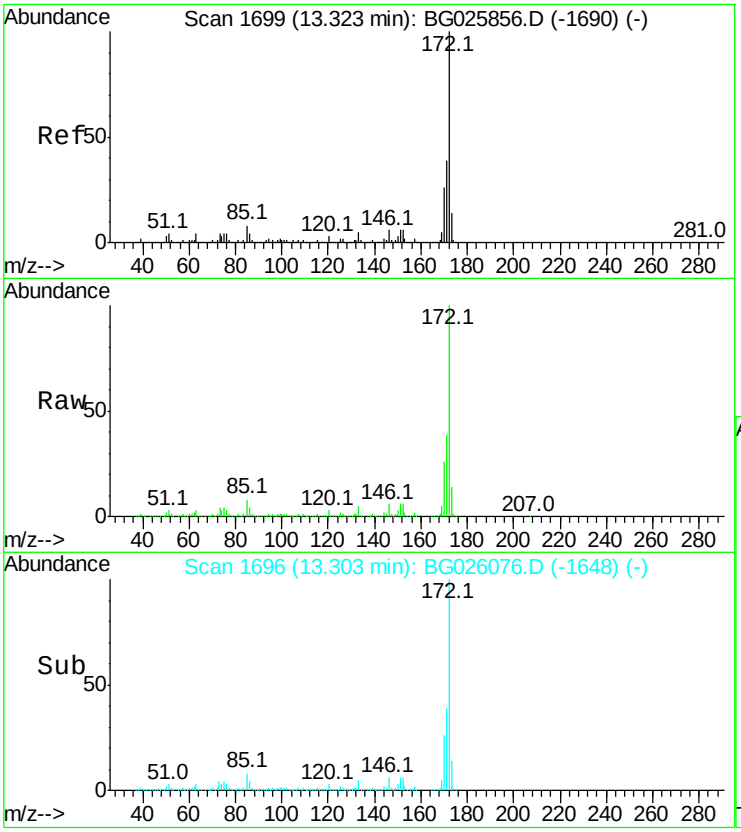


#41
2,4,6-Tribromophenol
Concen: 175.61 ng
RT: 16.15 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Tgt Ion:330 Resp: 479812

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	37.5	32.1	48.1



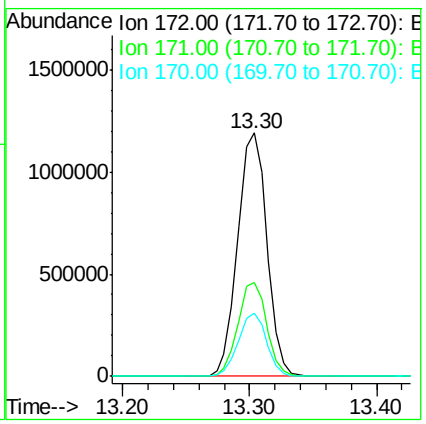


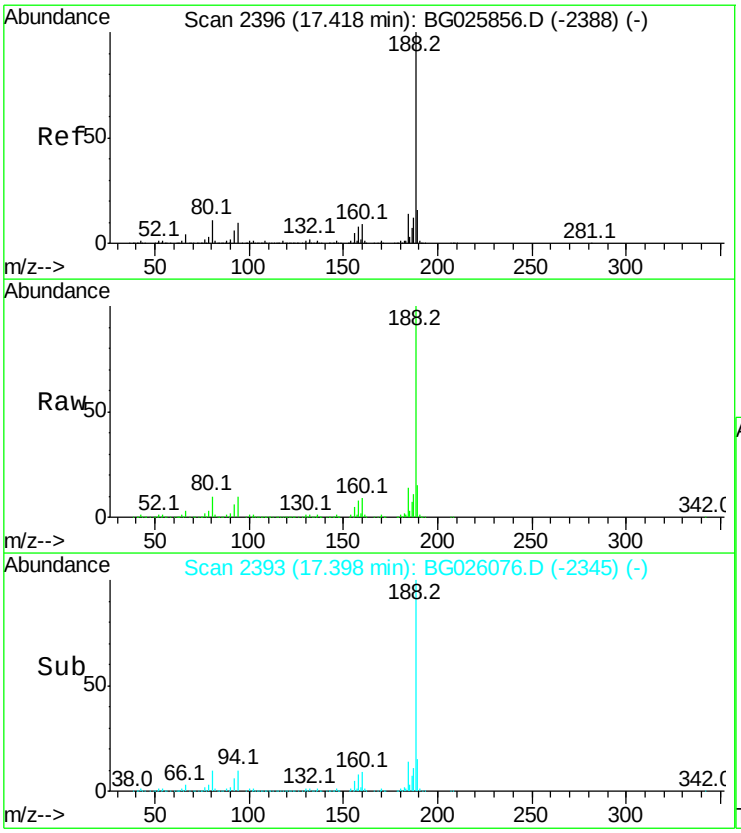
#44
2-Fluorobiphenyl
Concen: 112.58 ng
RT: 13.30 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Instrument :
BNA_G
ClientSampleId :
WC-B65-B66-001

Tgt Ion:172 Resp: 1905361

Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	25.8	21.8	32.6

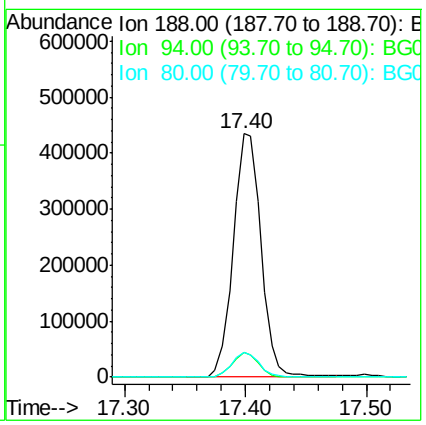


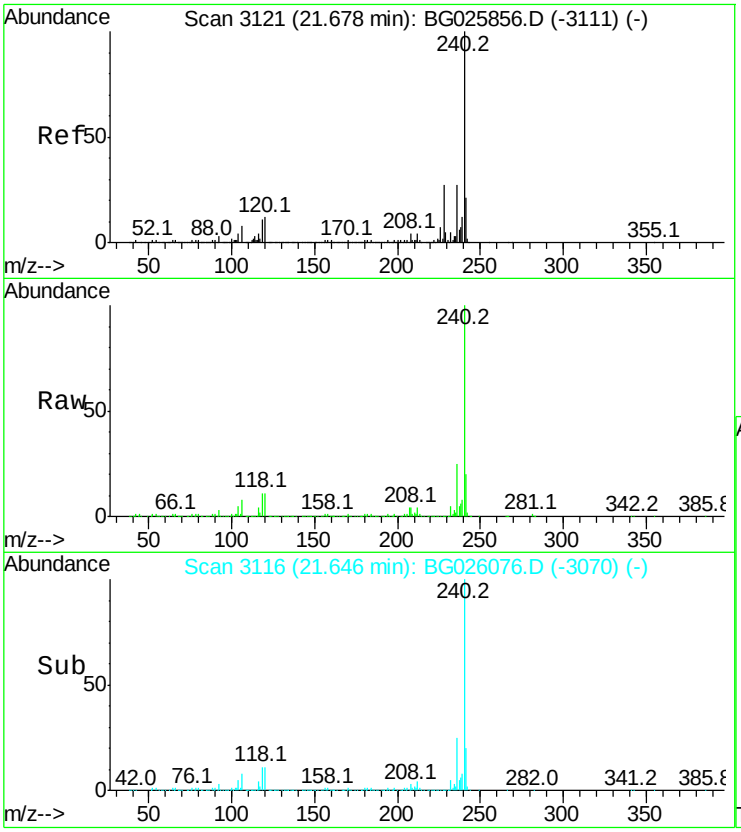


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Tgt Ion:188 Resp: 697061

Ion	Ratio	Lower	Upper
188	100		
94	10.0	5.8	8.8#
80	10.2	7.5	11.3



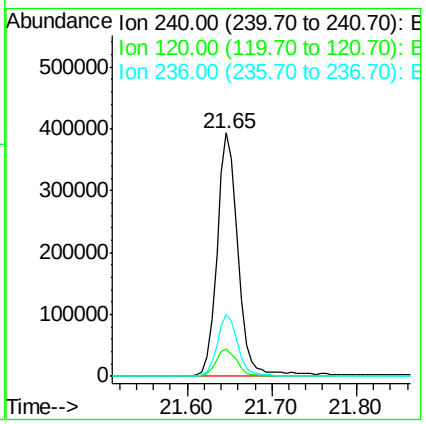


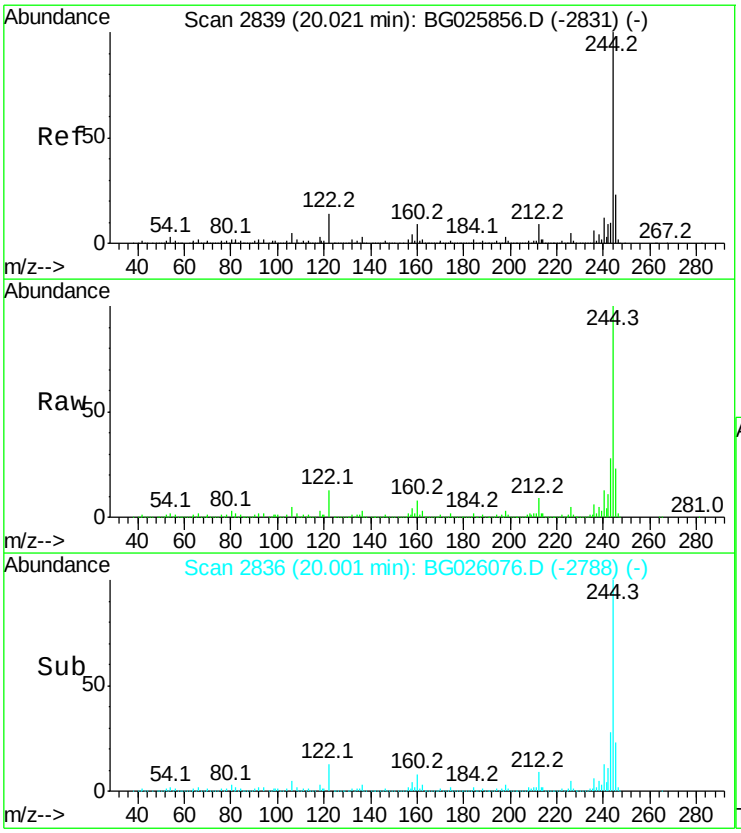
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3116
Delta R.T. -0.03 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Instrument :
BNA_G
ClientSampleId :
WC-B65-B66-001

Tgt Ion:240 Resp: 682108

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.7	8.5#
236	25.2	22.2	33.4

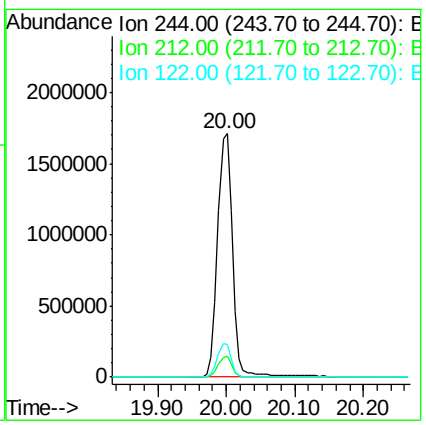


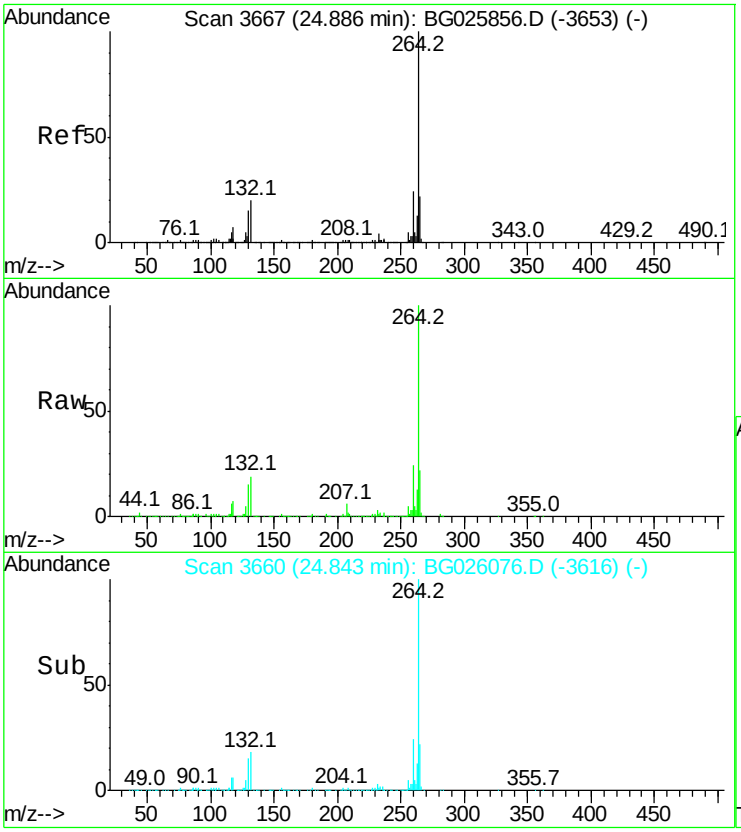


#78
Terphenyl-d14
Concen: 92.41 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Tgt Ion:244 Resp: 2591773

Ion	Ratio	Lower	Upper
244	100		
212	8.6	10.0	15.0#
122	13.4	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3660
Delta R.T. -0.04 min
Lab File: BG026076.D
Acq: 3 Mar 2017 23:05

Instrument :
BNA_G
ClientSampleId :
WC-B65-B66-001

Tgt Ion:264 Resp: 627445

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.7	18.2	27.4