Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028887.D
Acq On : 22 Sep 2017 23:19
Operator : SJ/JU
Sample : I5301-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170606-COMP-C

Quant Time: Sep 23 00:55:17 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25544	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	101644	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	80136	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	252827	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	305159	20.00	ng	-0.07
86) Perylene-d12	25.41	264	314373	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	120449	77.81	ng	-0.06
7) Phenol-d6	7.43	99	125962	54.04	ng	-0.06
23) Nitrobenzene-d5	9.45	82	220757	103.90	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	257604	194.36	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	595022	99.01	ng	-0.05
78) Terphenyl-d14	20.23	244	1457434	101.85	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	14.34	163	13580	2.021	ng	# 85

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

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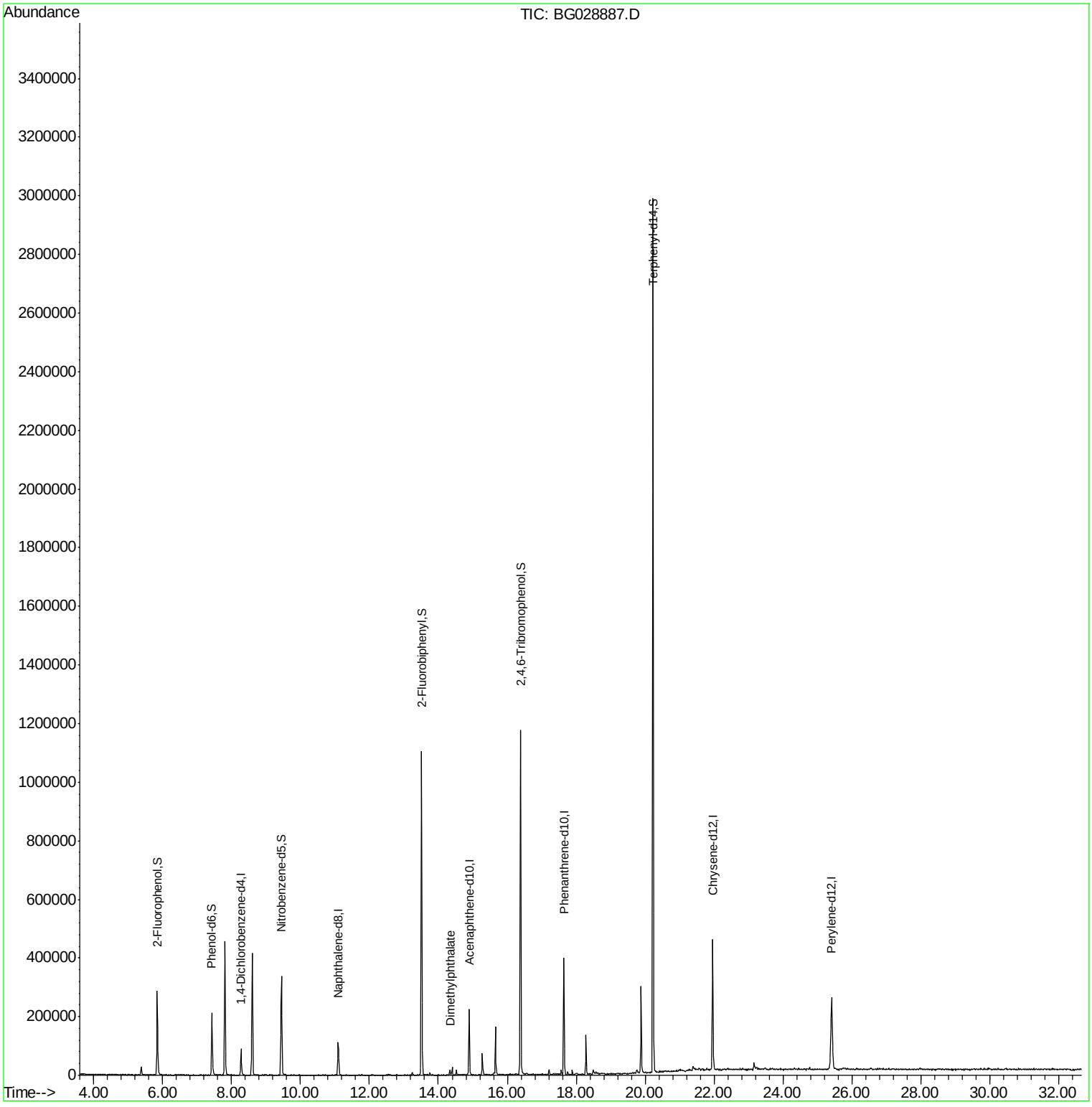
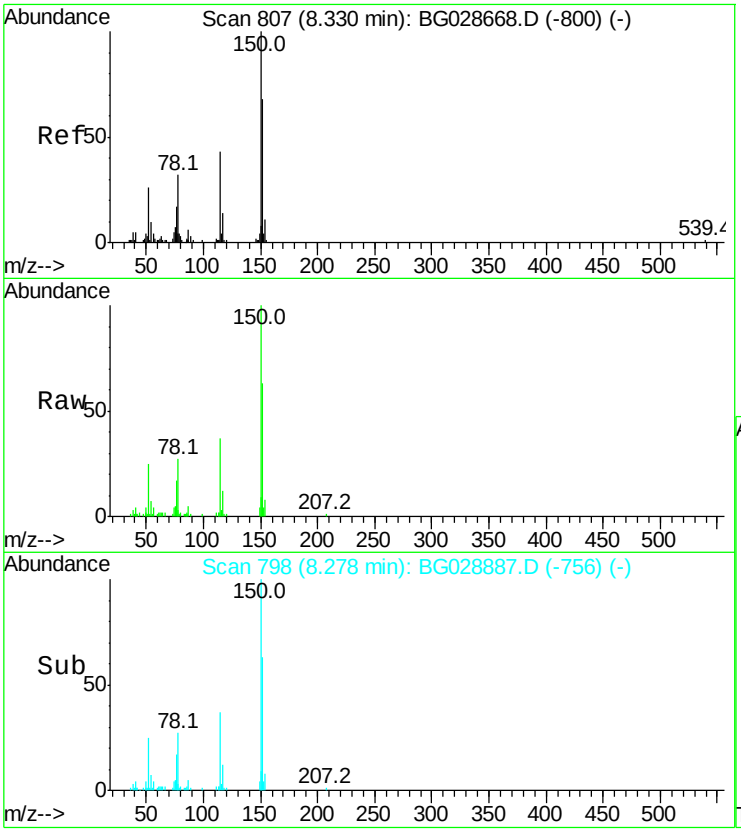


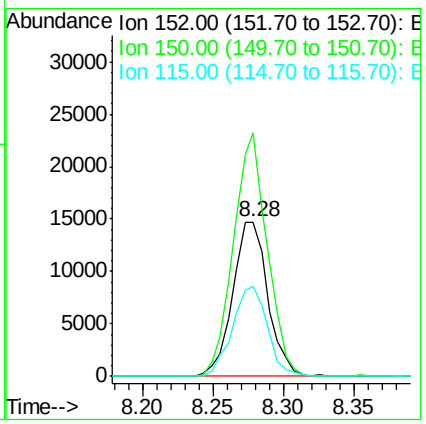


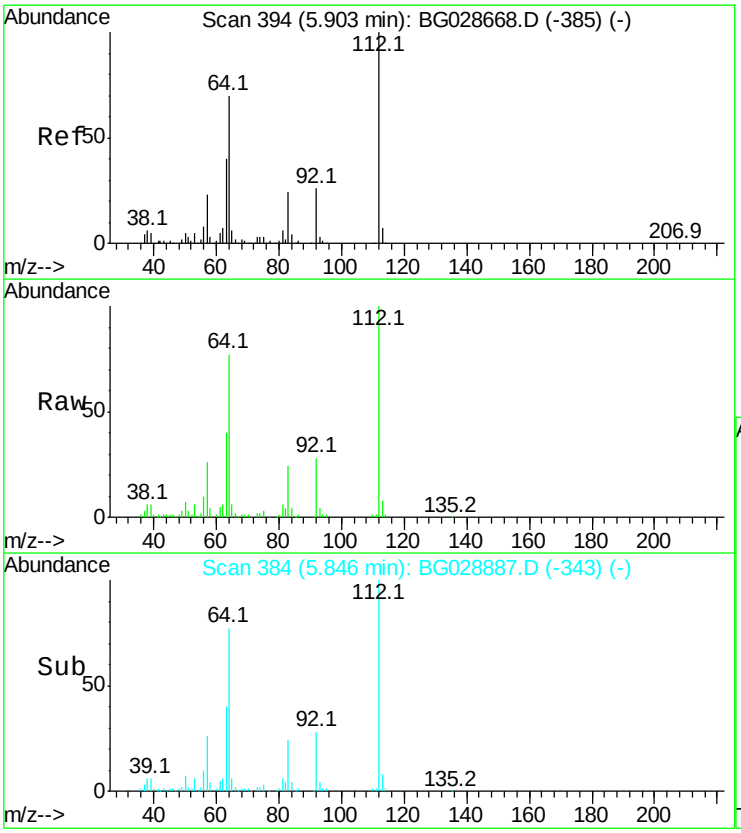
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

Tgt Ion:152 Resp: 25544

Ion	Ratio	Lower	Upper
152	100		
150	157.9	114.0	171.0
115	58.6	48.1	72.1

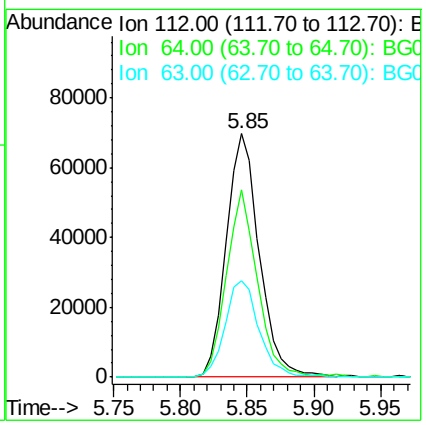


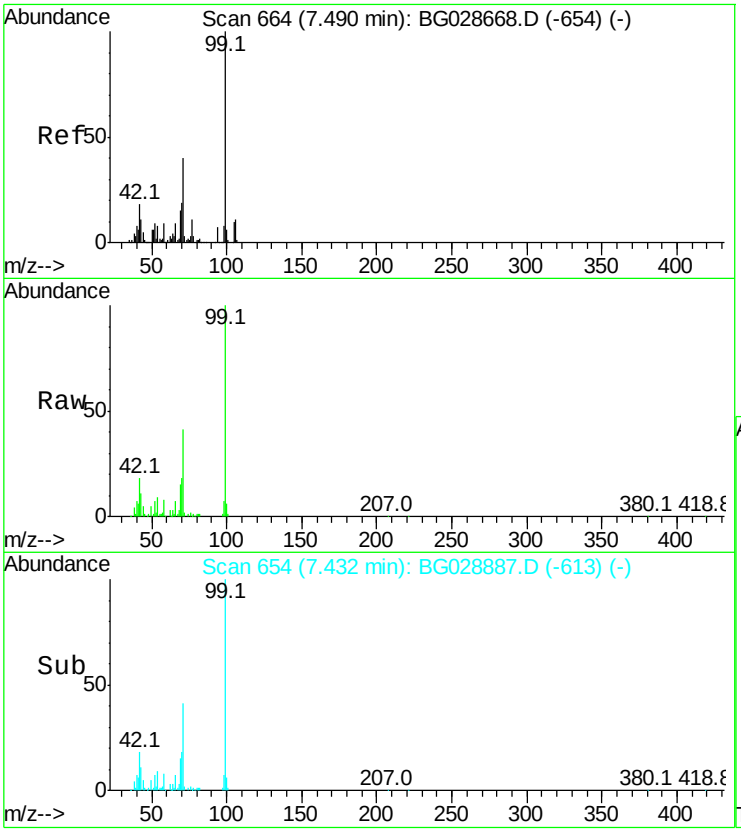


#5
2-Fluorophenol
Concen: 77.806 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Tgt Ion:112 Resp: 120449

Ion	Ratio	Lower	Upper
112	100		
64	76.9	61.8	92.6
63	39.8	37.2	55.8



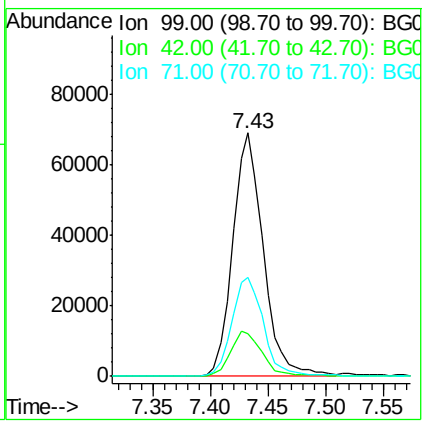


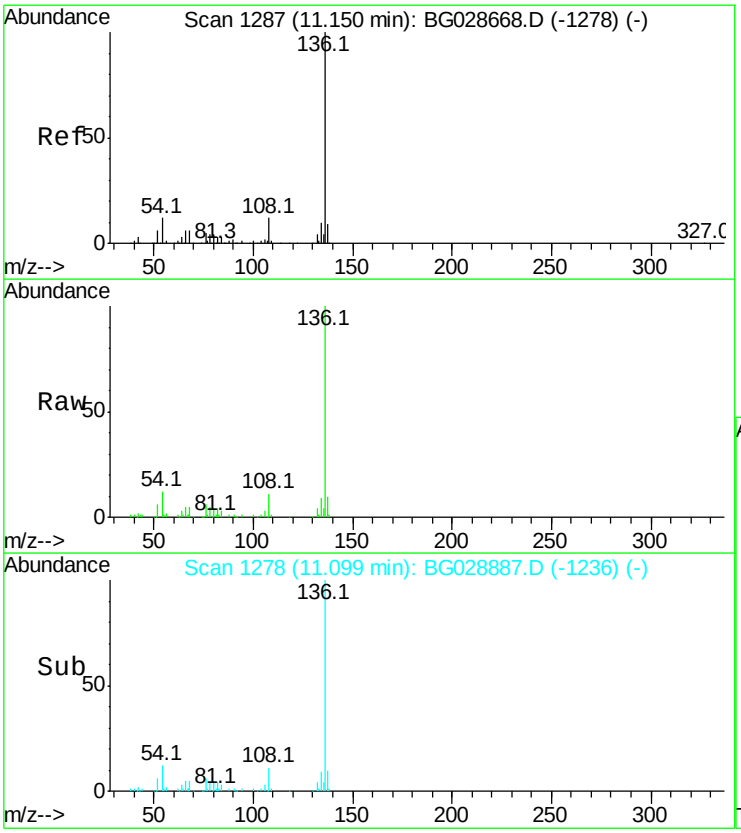
#7
Phenol-d6
Concen: 54.042 ng
RT: 7.43 min Scan# 654
Delta R.T. -0.06 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

Tgt Ion: 99 Resp: 125962

Ion	Ratio	Lower	Upper
99	100		
42	17.7	20.5	30.7#
71	40.7	37.6	56.4

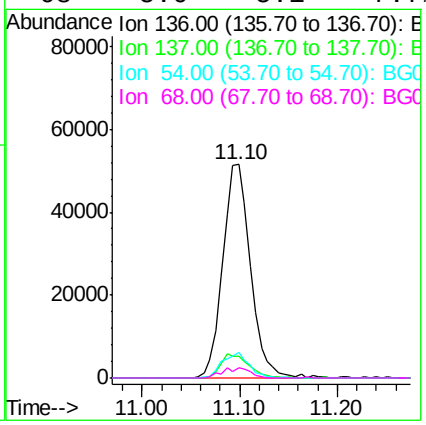


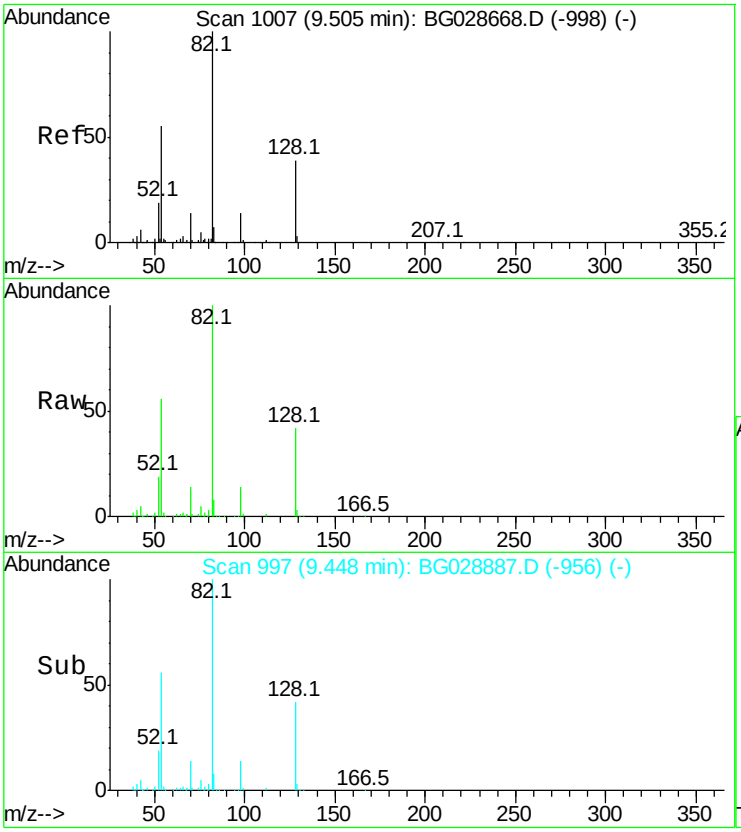


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Tgt Ion:136 Resp: 101644

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	12.1	9.3	13.9
68	5.0	5.1	7.7#



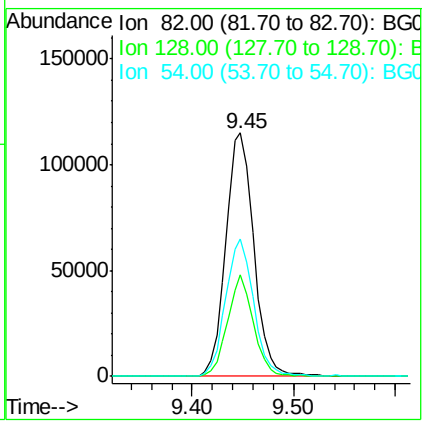


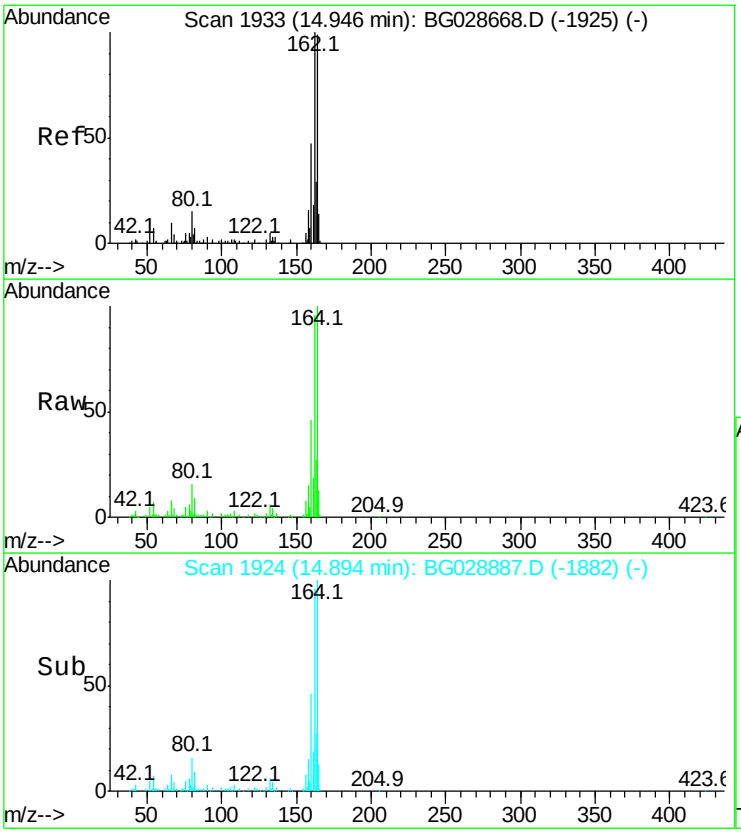
#23
Nitrobenzene-d5
Concen: 103.896 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

Tgt Ion: 82 Resp: 220757

Ion	Ratio	Lower	Upper
82	100		
128	41.7	26.4	39.6#
54	56.3	49.4	74.2

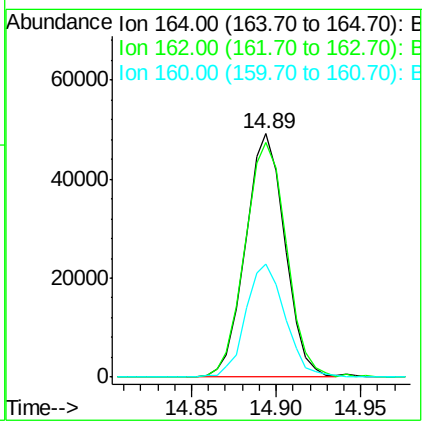


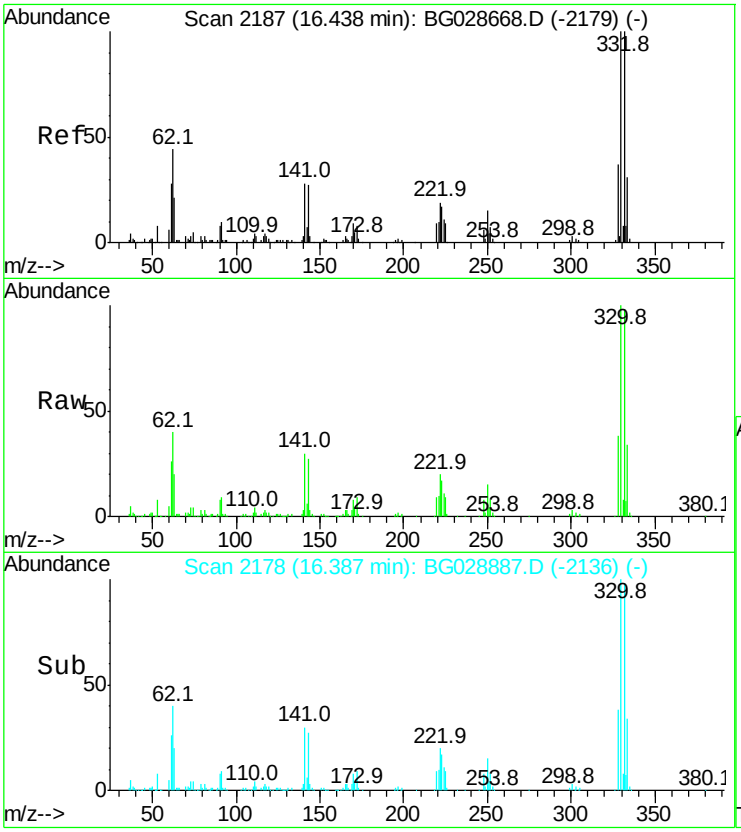


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Tgt Ion:164 Resp: 80136

Ion	Ratio	Lower	Upper
164	100		
162	96.3	85.1	127.7
160	46.4	34.7	52.1



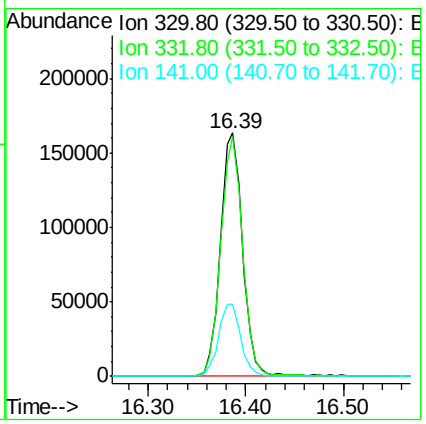


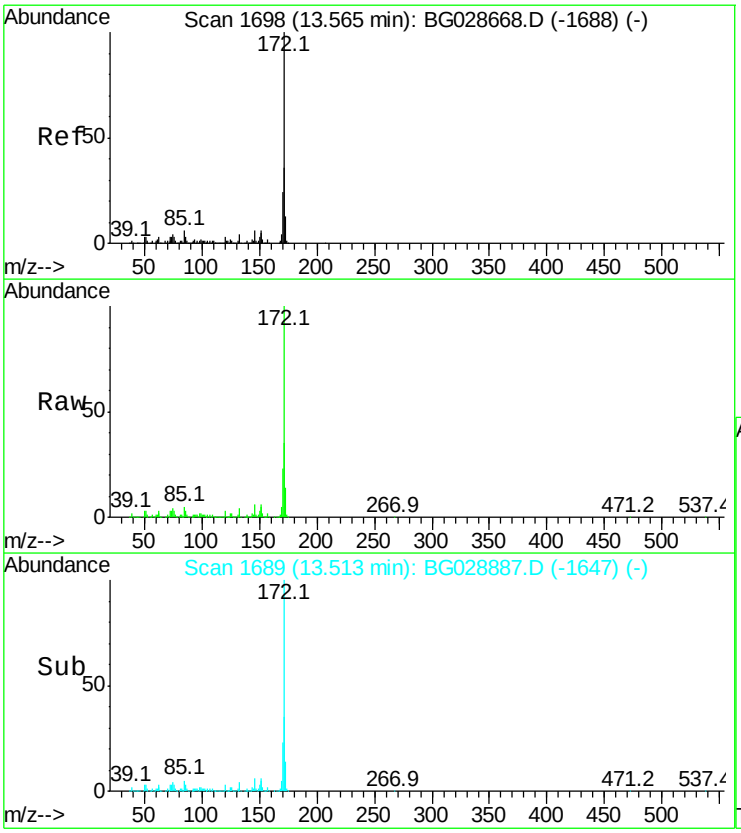
#41
2,4,6-Tribromophenol
Concen: 194.359 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

Tgt Ion:330 Resp: 257604

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	30.0	32.1	48.1#

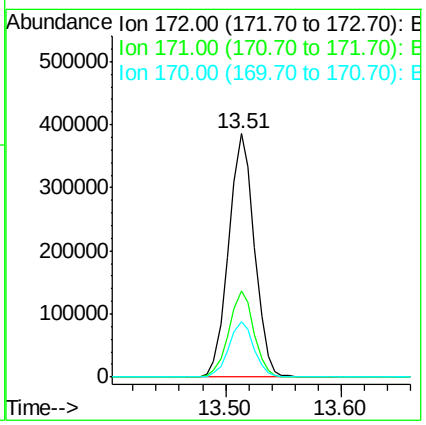


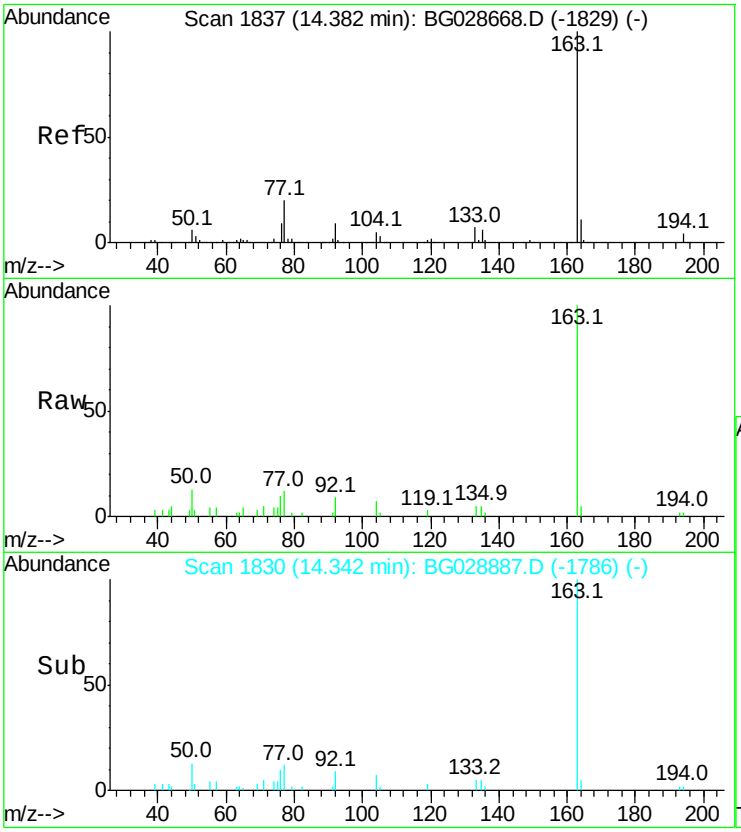


#44
2-Fluorobiphenyl
Concen: 99.009 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Tgt Ion:172 Resp: 595022

Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	22.9	21.8	32.6



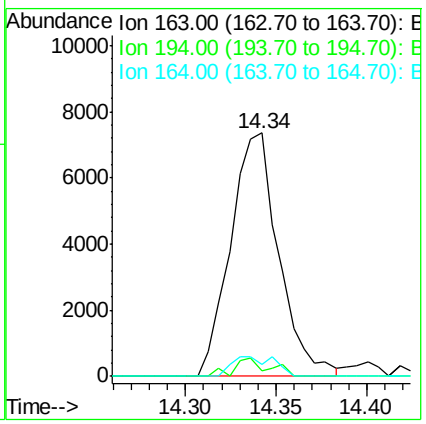


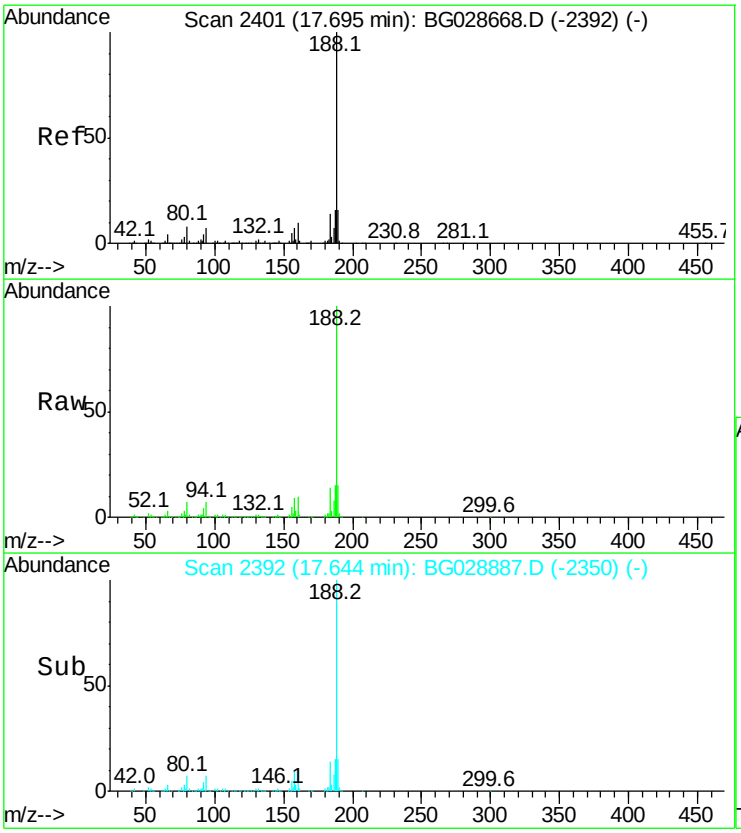
#49
Dimethylphthalate
Concen: 2.021 ng
RT: 14.34 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

Tgt Ion:163 Resp: 13580

Ion	Ratio	Lower	Upper
163	100		
194	2.4	3.8	5.6#
164	4.8	9.3	13.9#

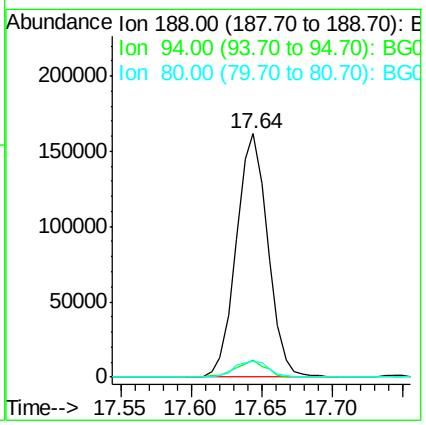


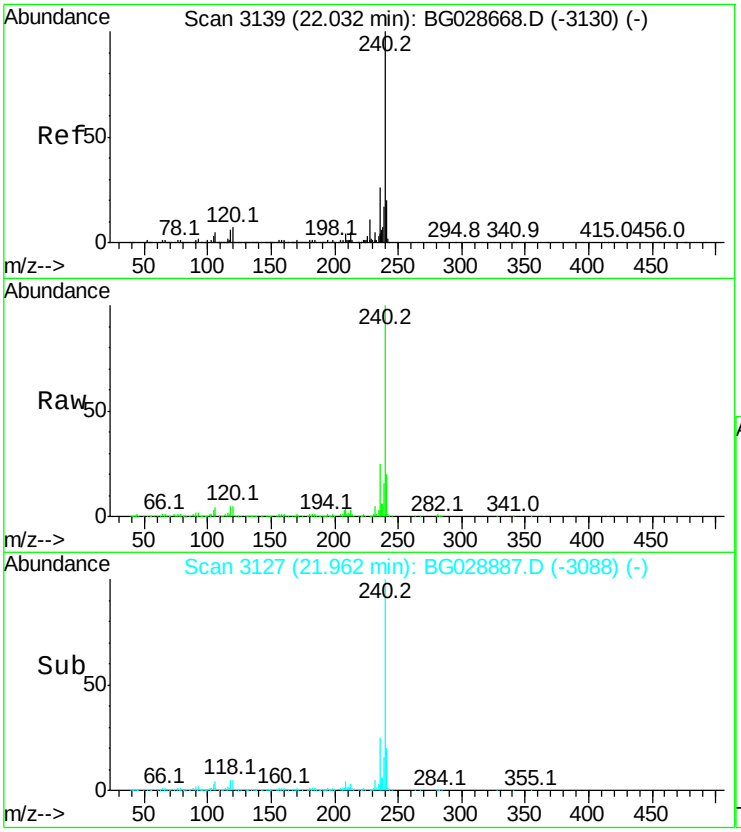


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Tgt Ion:188 Resp: 252827

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.8
80	6.7	7.5	11.3#



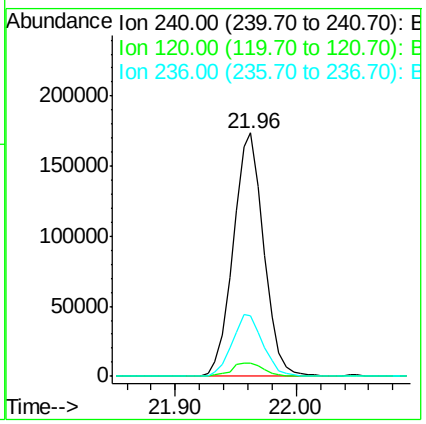


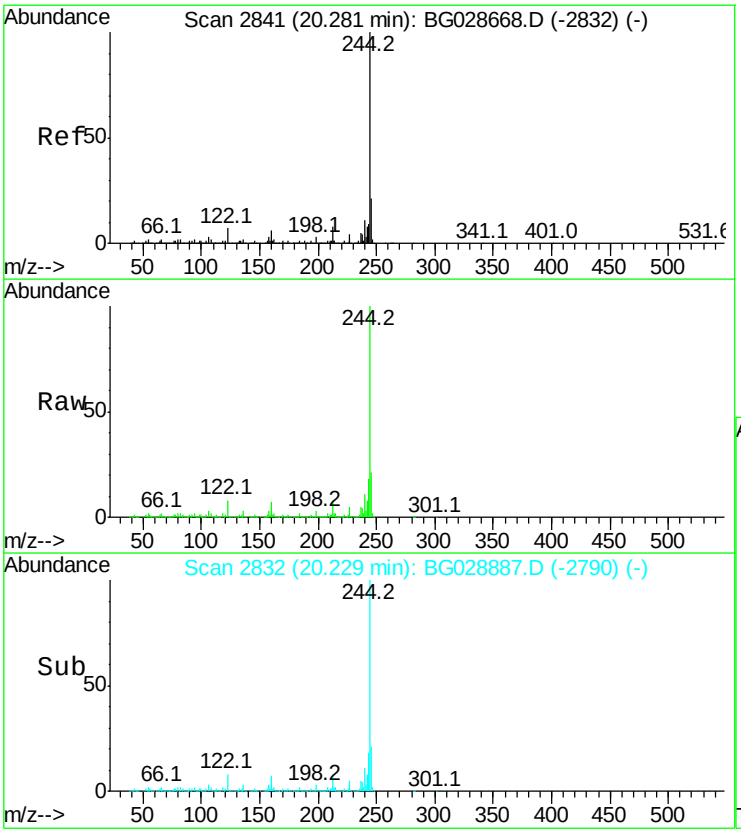
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

Tgt Ion:240 Resp: 305159

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	24.9	22.2	33.4

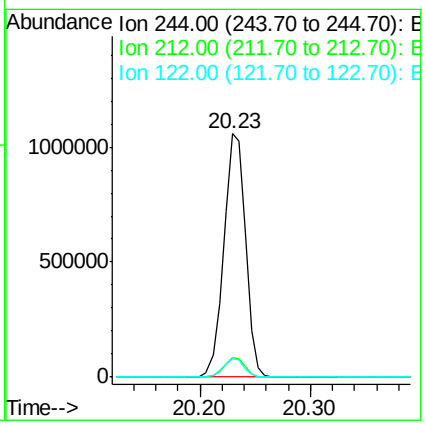


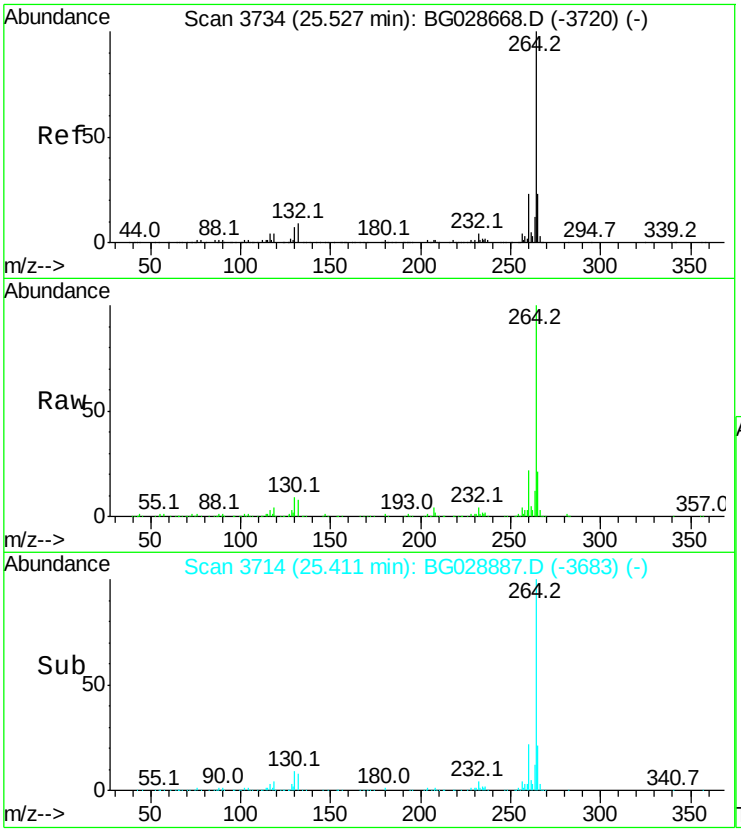


#78
Terphenyl-d14
Concen: 101.851 ng
RT: 20.23 min Scan# 2832
Delta R.T. -0.05 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Tgt Ion:244 Resp: 1457434

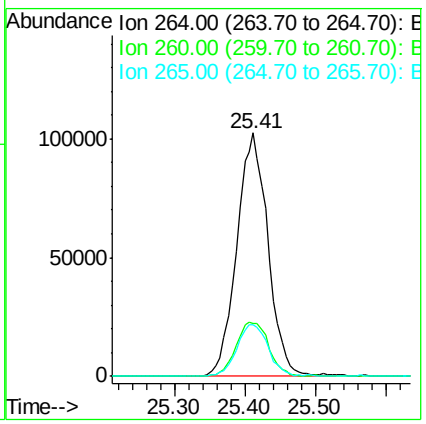
Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.6	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.41 min Scan# 3714
Delta R.T. -0.12 min
Lab File: BG028887.D
Acq: 22 Sep 2017 23:19

Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

Tgt Ion:264 Resp: 314373

Ion	Ratio	Lower	Upper
264	100		
260	21.7	21.8	32.8#
265	21.3	18.2	27.4