Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
Data File : BG028952.D
Acq On : 27 Sep 2017 21:04
Operator : SJ/JU
Sample : I5436-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-GRAVEL

Quant Time: Sep 28 02:49:23 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	30998	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	122207	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	86135	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	265442	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	328816	20.00	ng	-0.06
86) Perylene-d12	25.42	264	324903	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	512804	272.97	ng	-0.05
7) Phenol-d6	7.44	99	656366	232.06	ng	-0.05
23) Nitrobenzene-d5	9.45	82	473295	185.27	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	501984	352.36	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	1221713	189.13	ng	-0.05
78) Terphenyl-d14	20.24	244	2765159	179.34	ng	-0.04
Target Compounds						Qvalue
76) Benzidine	19.88	184	17118	2.008	ng	# 87

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

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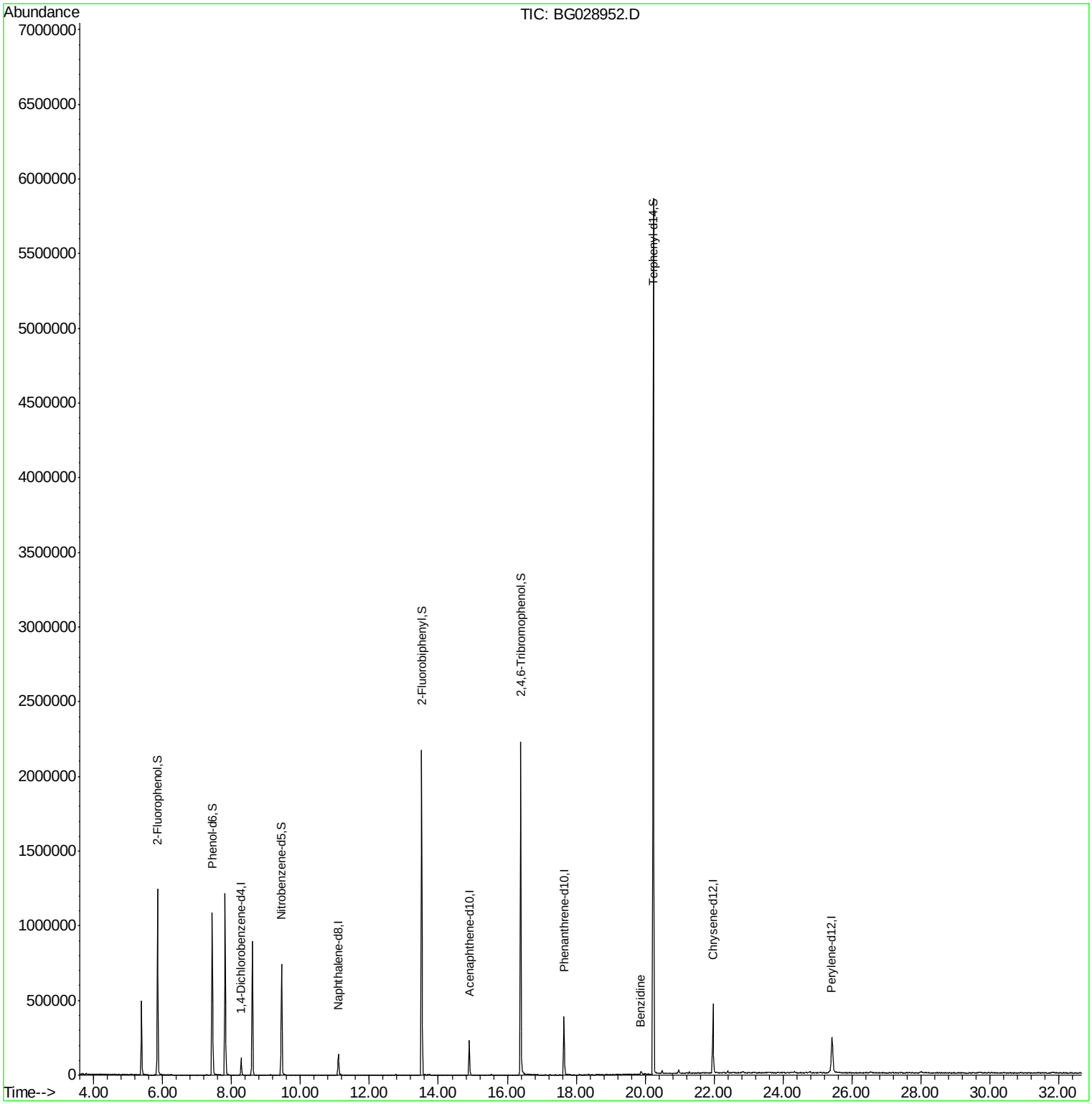
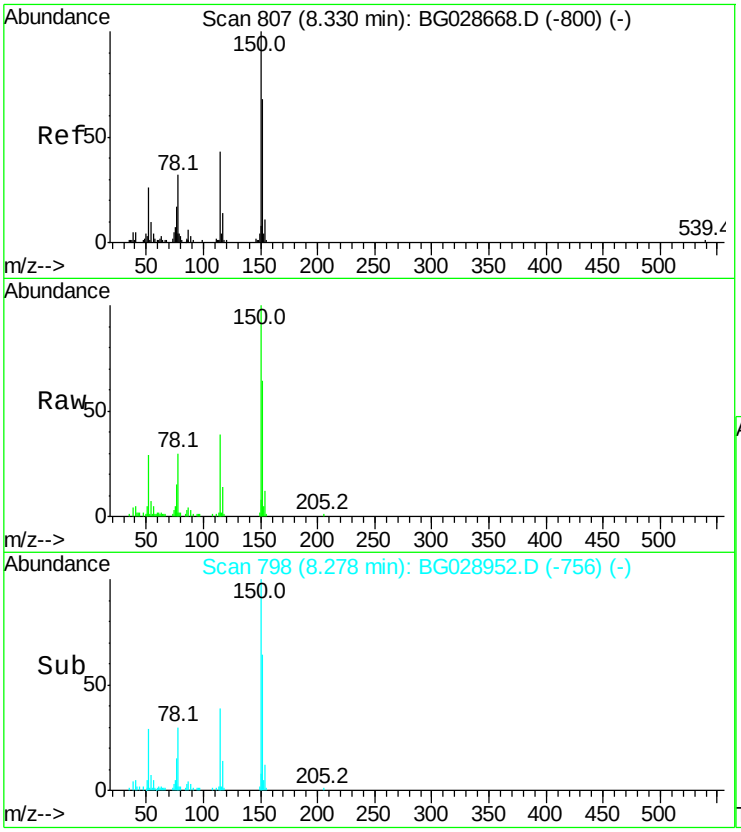


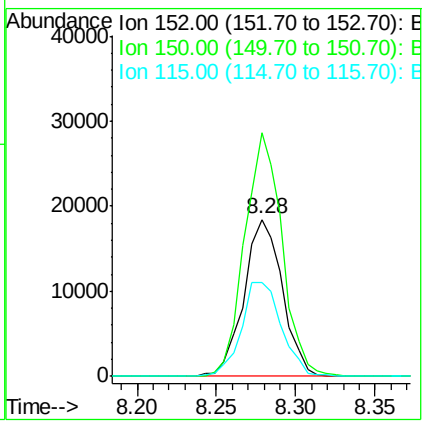


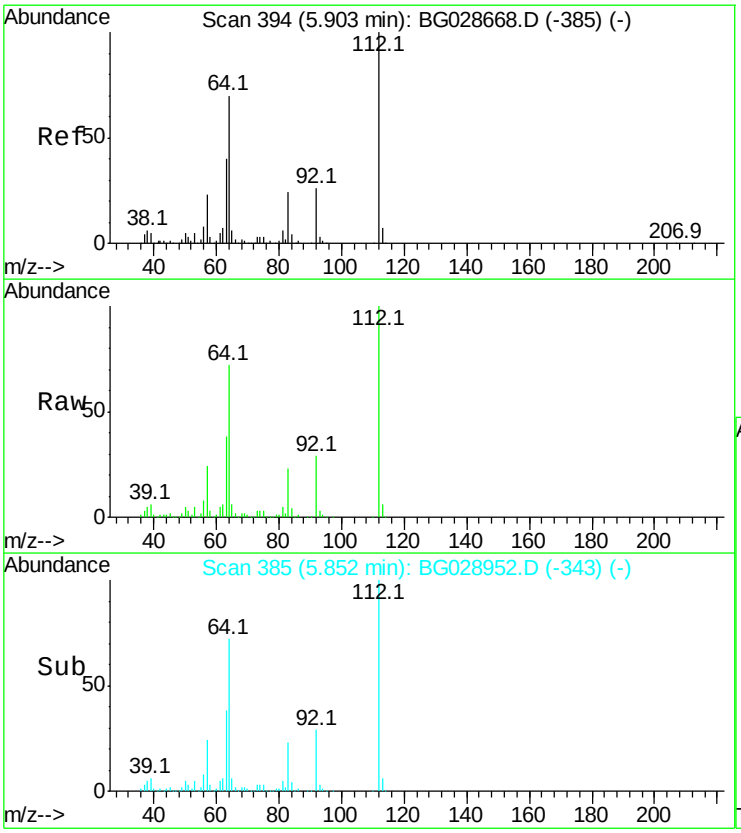
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Instrument :
BNA_G
ClientSampleId :
OILY-GRAVEL

Tgt Ion:152 Resp: 30998

Ion	Ratio	Lower	Upper
152	100		
150	155.2	114.0	171.0
115	60.0	48.1	72.1

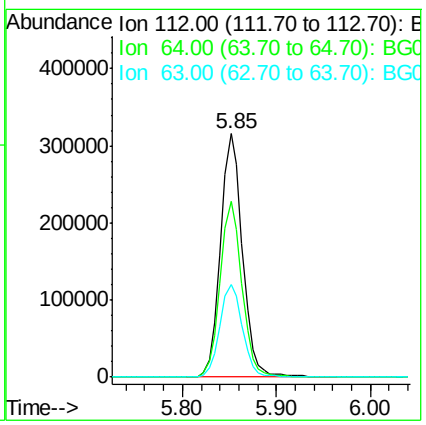


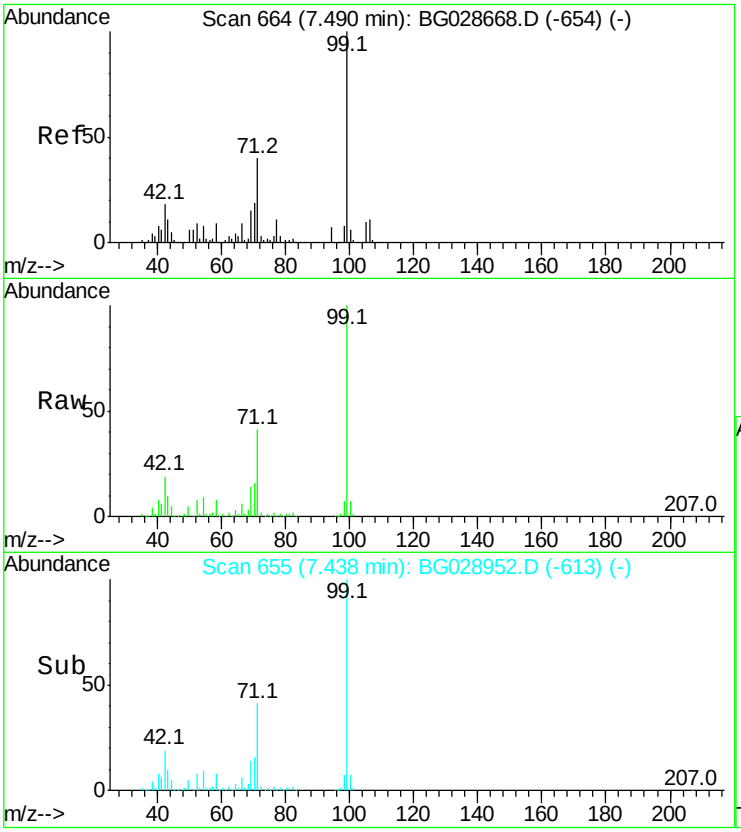


#5
2-Fluorophenol
Concen: 272.970 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Tgt Ion:112 Resp: 512804

Ion	Ratio	Lower	Upper
112	100		
64	72.1	61.8	92.6
63	37.8	37.2	55.8



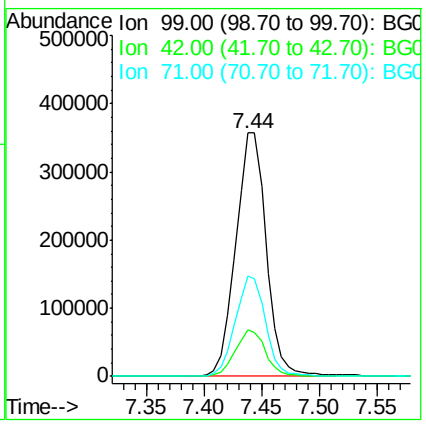


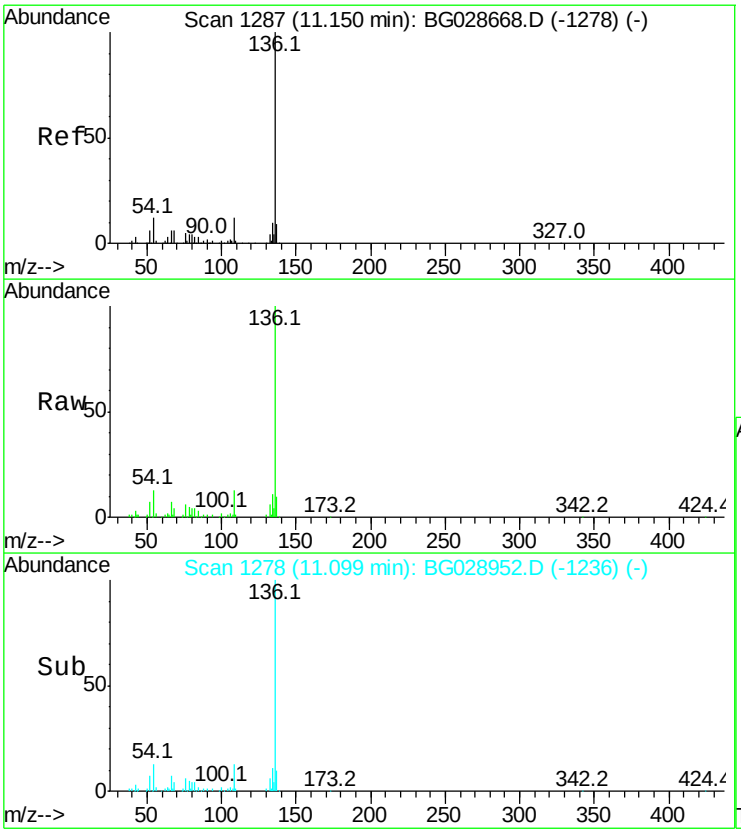
#7
Phenol-d6
Concen: 232.056 ng
RT: 7.44 min Scan# 655
Delta R.T. -0.05 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Instrument :
BNA_G
ClientSampleId :
OILY-GRAVEL

Tgt Ion: 99 Resp: 656366

Ion	Ratio	Lower	Upper
99	100		
42	18.9	20.5	30.7#
71	41.4	37.6	56.4

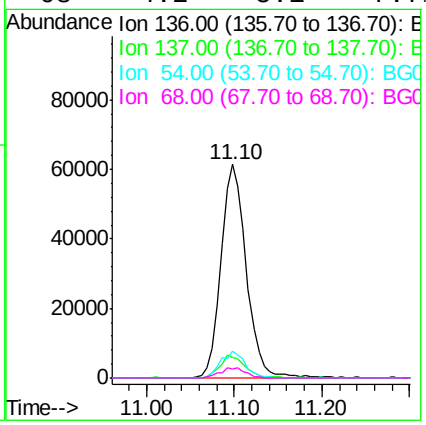


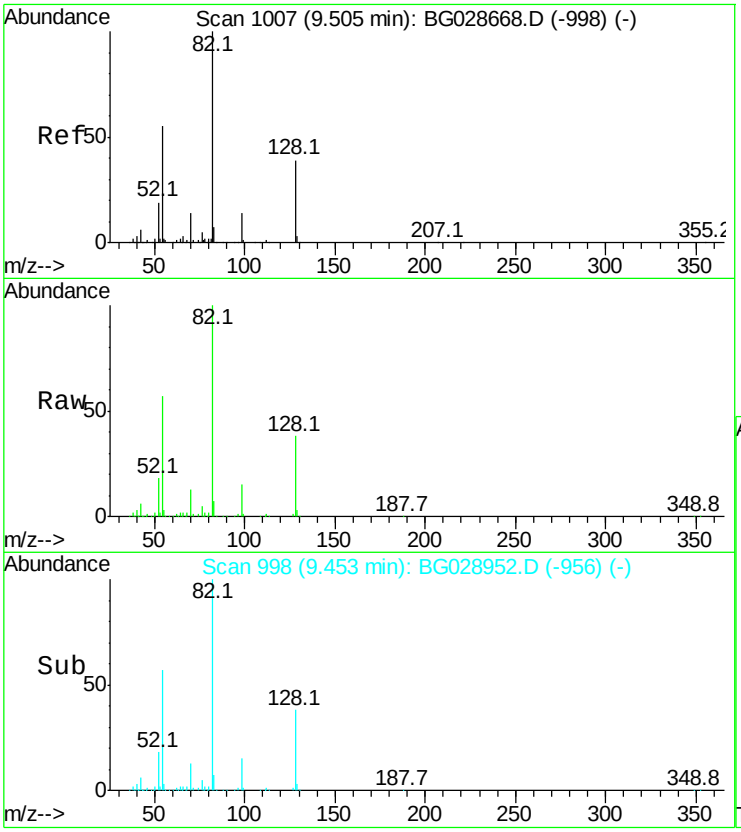


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Tgt Ion:136 Resp: 122207

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	12.5	9.3	13.9
68	4.2	5.1	7.7#



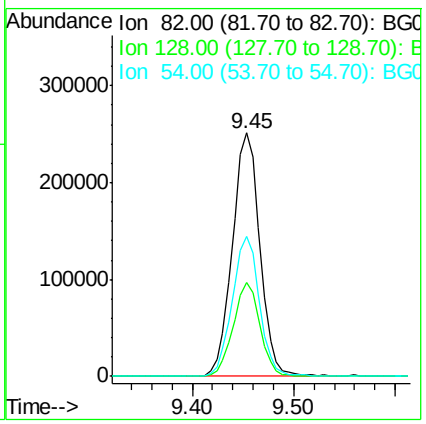


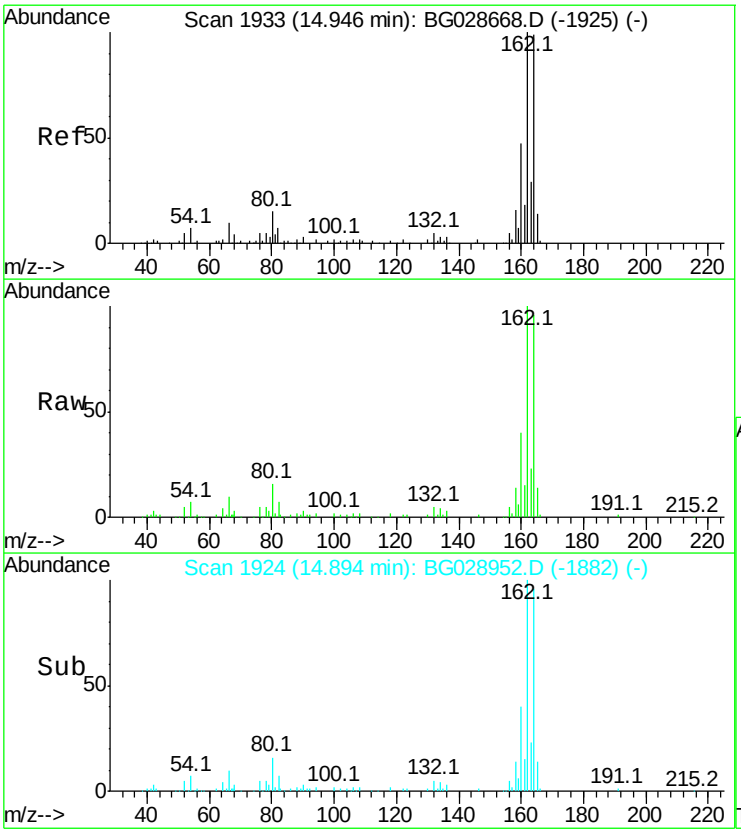
#23
Nitrobenzene-d5
Concen: 185.269 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Instrument :
BNA_G
ClientSampleId :
OILY-GRAVEL

Tgt Ion: 82 Resp: 473295

Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	57.4	49.4	74.2

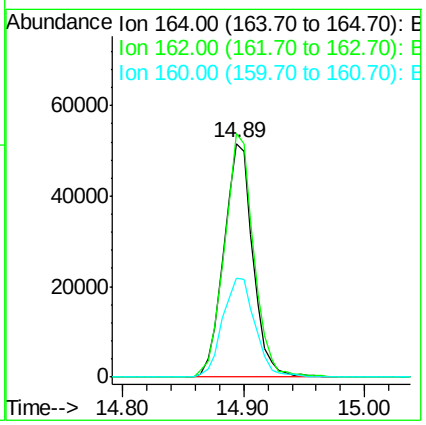


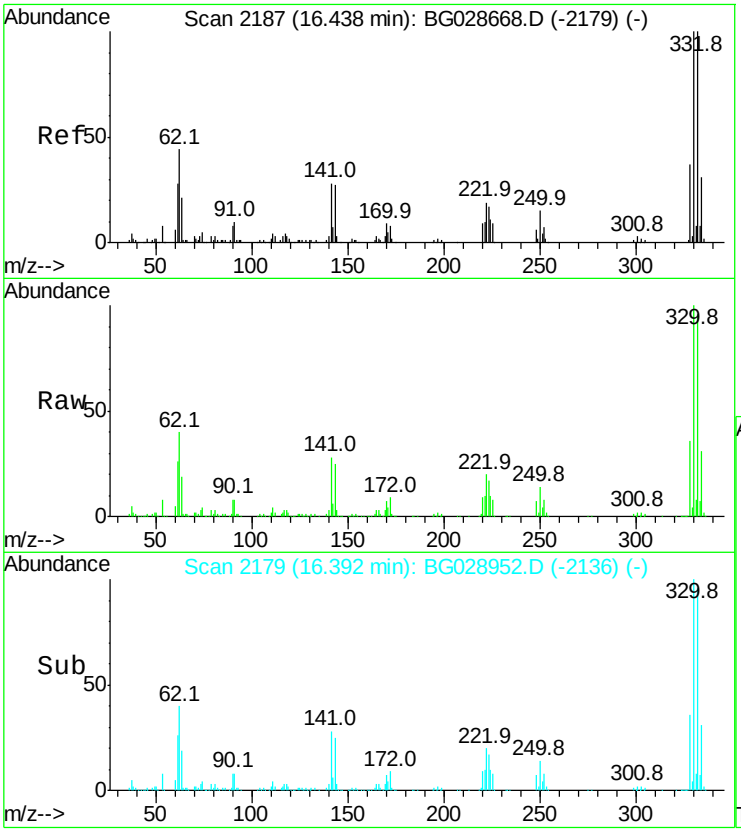


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Tgt Ion:164 Resp: 86135

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	42.2	34.7	52.1



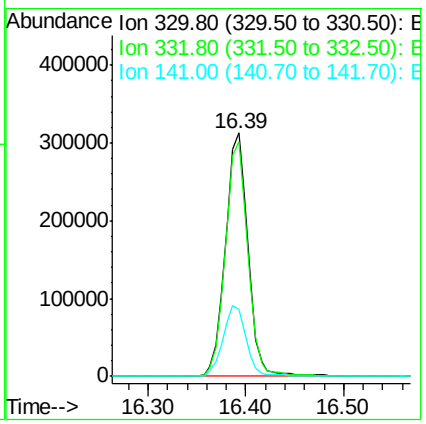


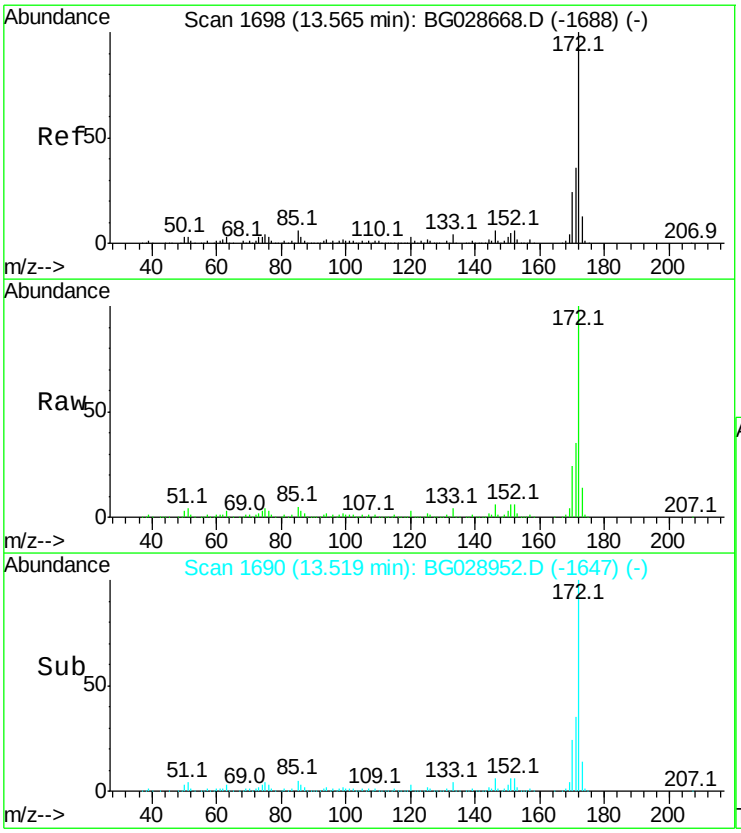
#41
2,4,6-Tribromophenol
Concen: 352.363 ng
RT: 16.39 min Scan# 2179
Delta R.T. -0.05 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Instrument :
BNA_G
ClientSampleId :
OILY-GRAVEL

Tgt Ion:330 Resp: 501984

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	30.1	32.1	48.1#

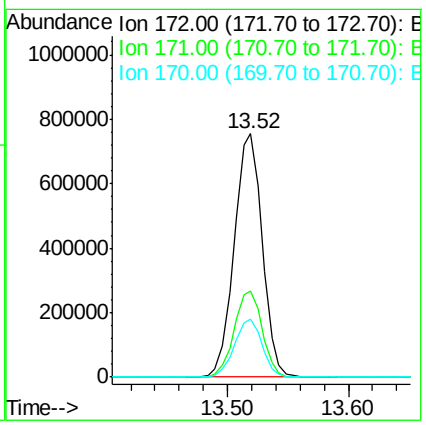


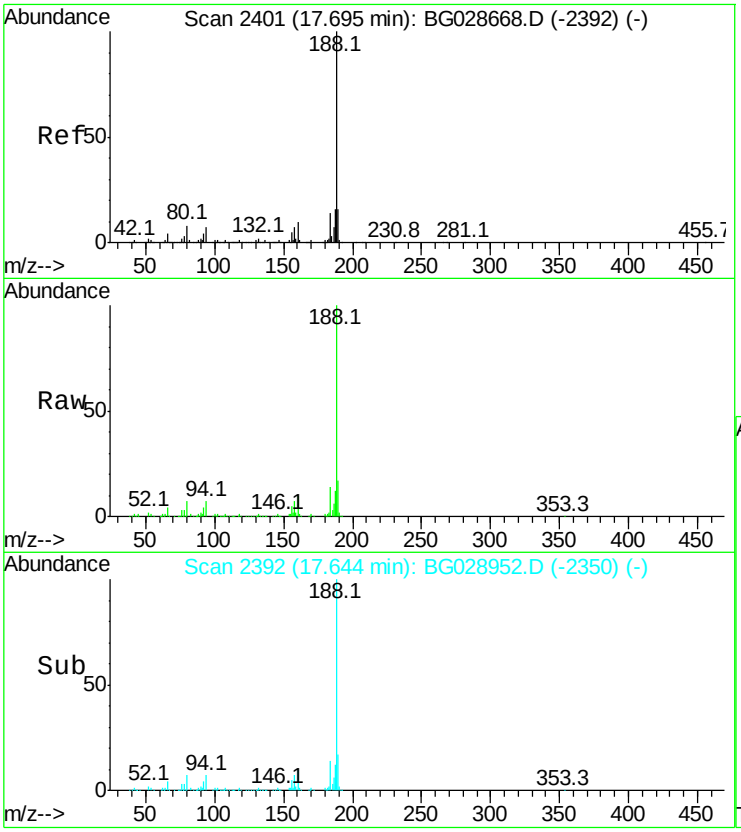


#44
2-Fluorobiphenyl
Concen: 189.129 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Tgt Ion:172 Resp: 1221713

Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	23.8	21.8	32.6



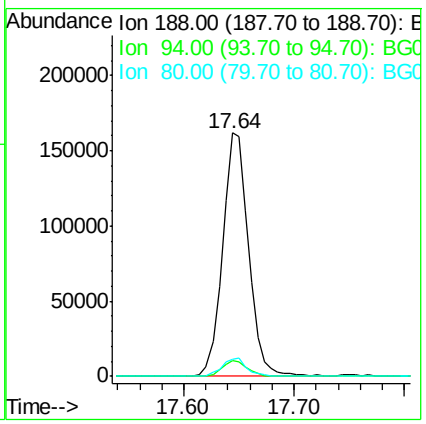


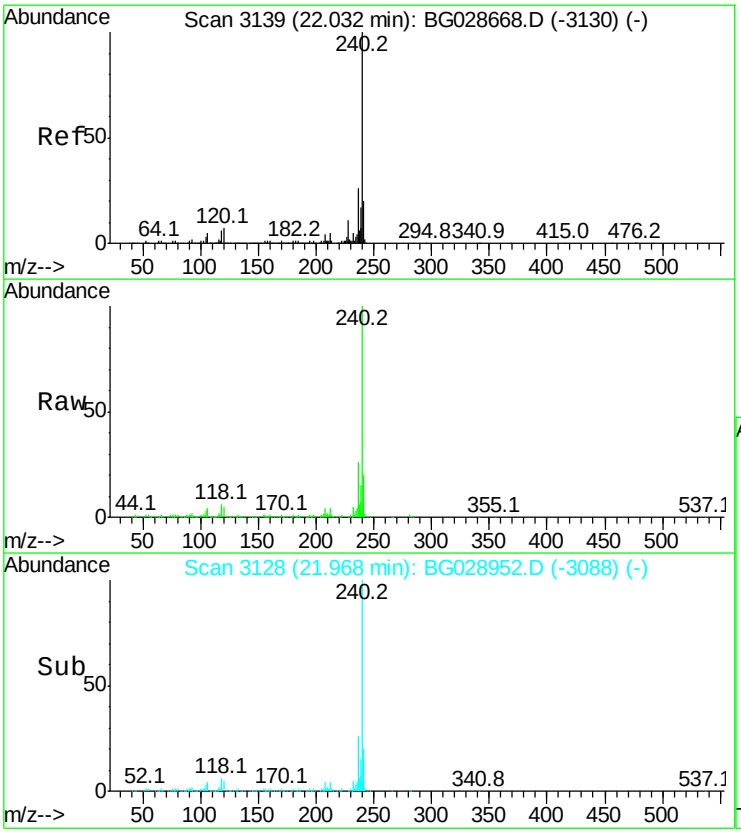
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Instrument :
BNA_G
ClientSampleId :
OILY-GRAVEL

Tgt Ion:188 Resp: 265442

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.1	7.5	11.3#

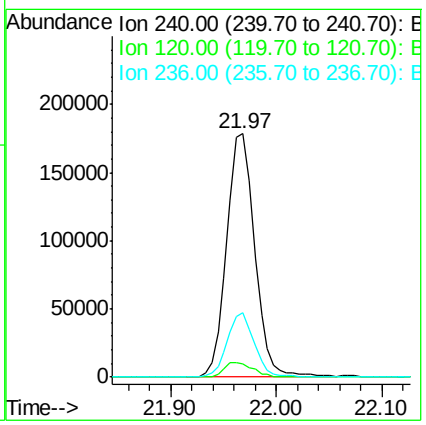


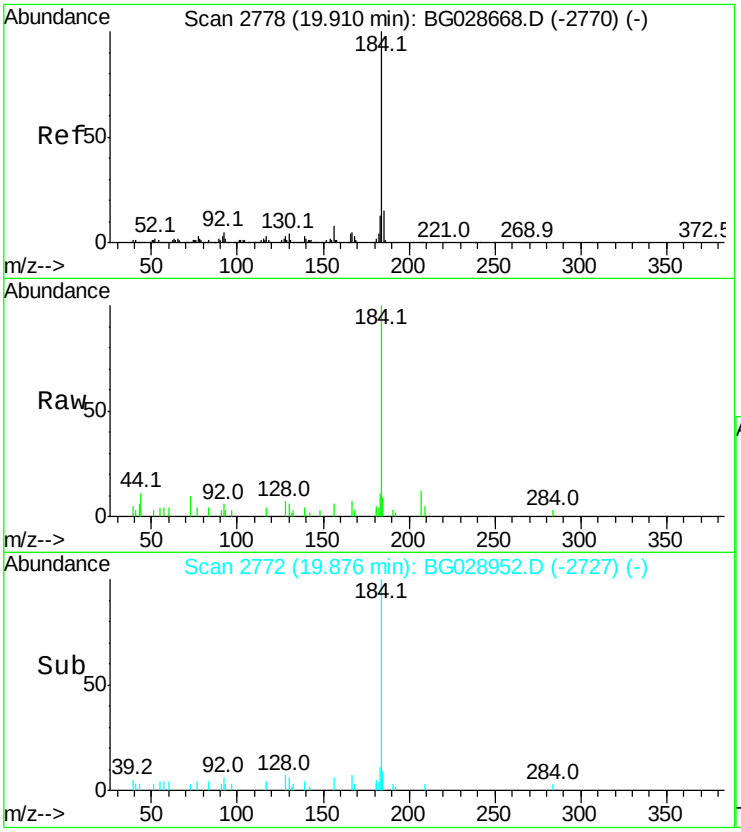


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.06 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Tgt Ion:240 Resp: 328816

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	26.3	22.2	33.4



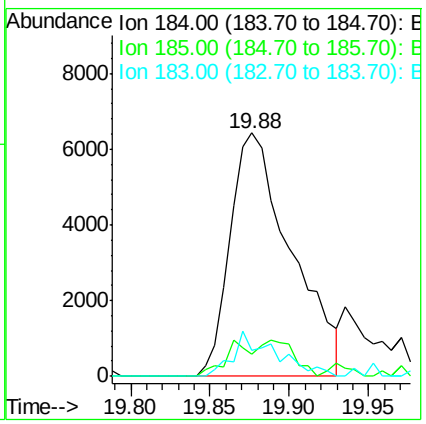


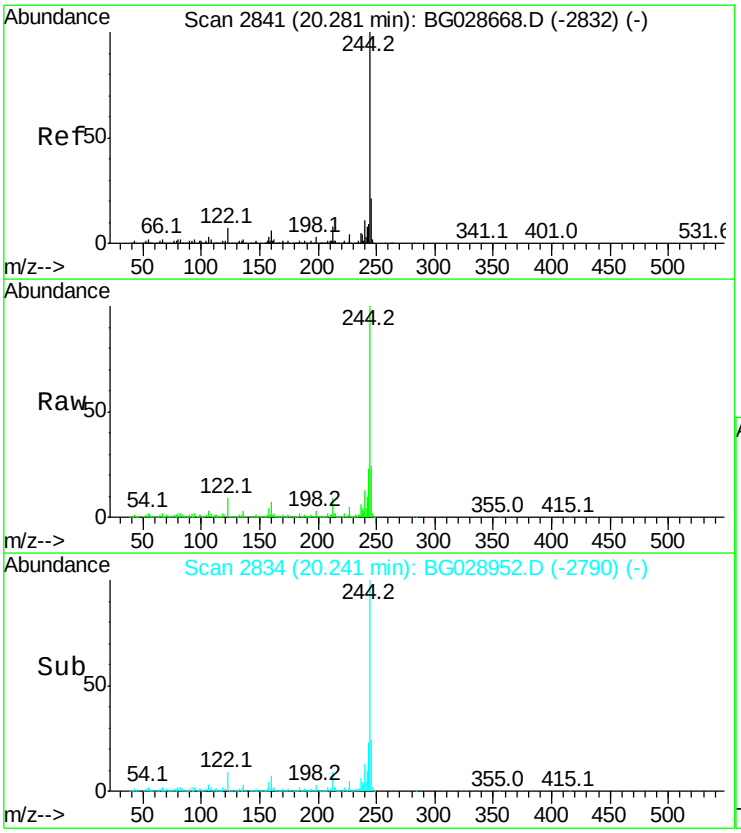
#76
Benzidine
Concen: 2.008 ng
RT: 19.88 min Scan# 2772
Delta R.T. -0.03 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Instrument :
BNA_G
ClientSampleId :
OILY-GRAVEL

Tgt Ion:184 Resp: 17118

Ion	Ratio	Lower	Upper
184	100		
185	9.1	13.0	19.6#
183	10.7	11.0	16.6#

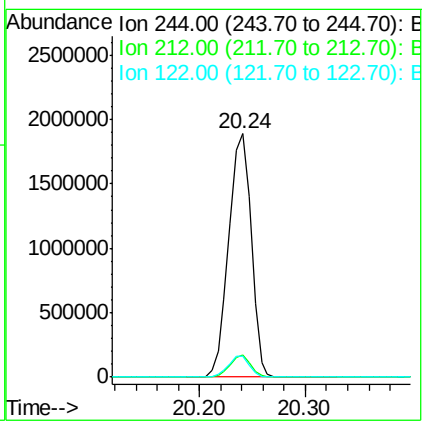


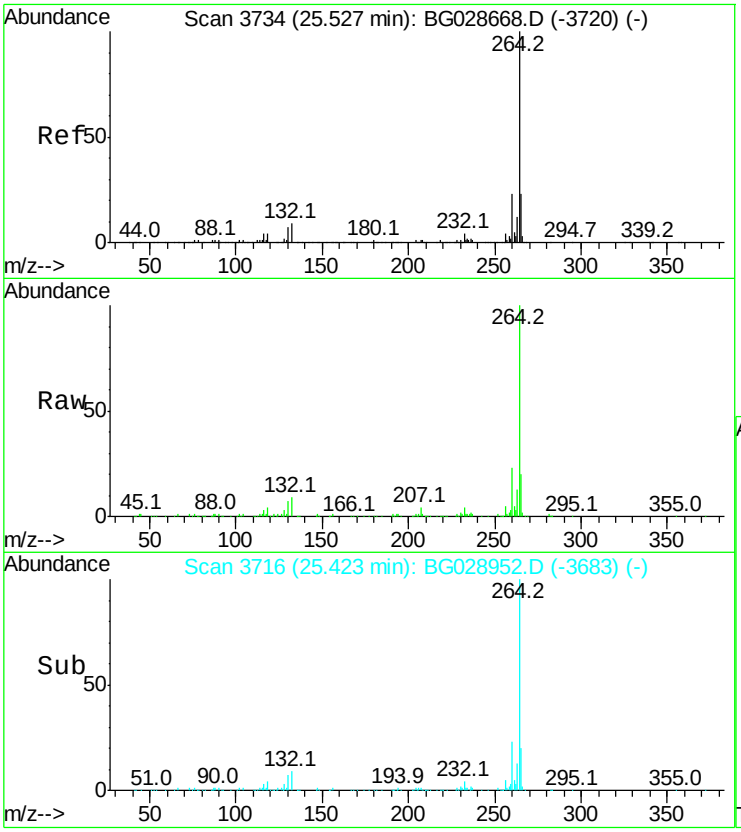


#78
Terphenyl-d14
Concen: 179.337 ng
RT: 20.24 min Scan# 2834
Delta R.T. -0.04 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Tgt Ion:244 Resp: 2765159

Ion	Ratio	Lower	Upper
244	100		
212	9.2	10.0	15.0#
122	8.7	8.6	12.8

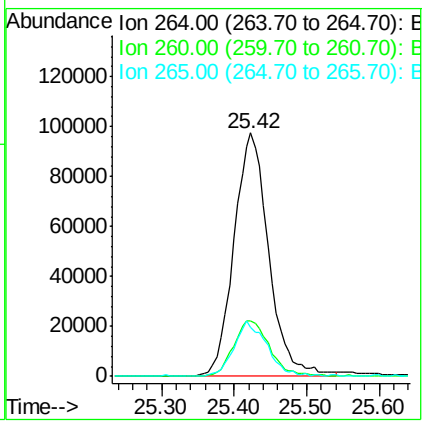




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.42 min Scan# 3716
Delta R.T. -0.10 min
Lab File: BG028952.D
Acq: 27 Sep 2017 21:04

Tgt Ion:264 Resp: 324903

Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	20.0	18.2	27.4



Instrument :
BNA_G
ClientSampleId :
OILY-GRAVEL