Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
Data File : BG028946.D
Acq On : 27 Sep 2017 17:05
Operator : SJ/JU
Sample : I5445-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-092617-B

Quant Time: Sep 28 01:26:00 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	29612	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	112410	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	84894	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	256359	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	309902	20.00	ng	-0.07
86) Perylene-d12	25.42	264	311200	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	231289	128.88	ng	-0.06
7) Phenol-d6	7.43	99	296981	109.91	ng	-0.06
23) Nitrobenzene-d5	9.45	82	215961	91.90	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	221058	157.44	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	559295	87.85	ng	-0.05
78) Terphenyl-d14	20.24	244	1324224	91.13	ng	-0.04
Target Compounds						Qvalue

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

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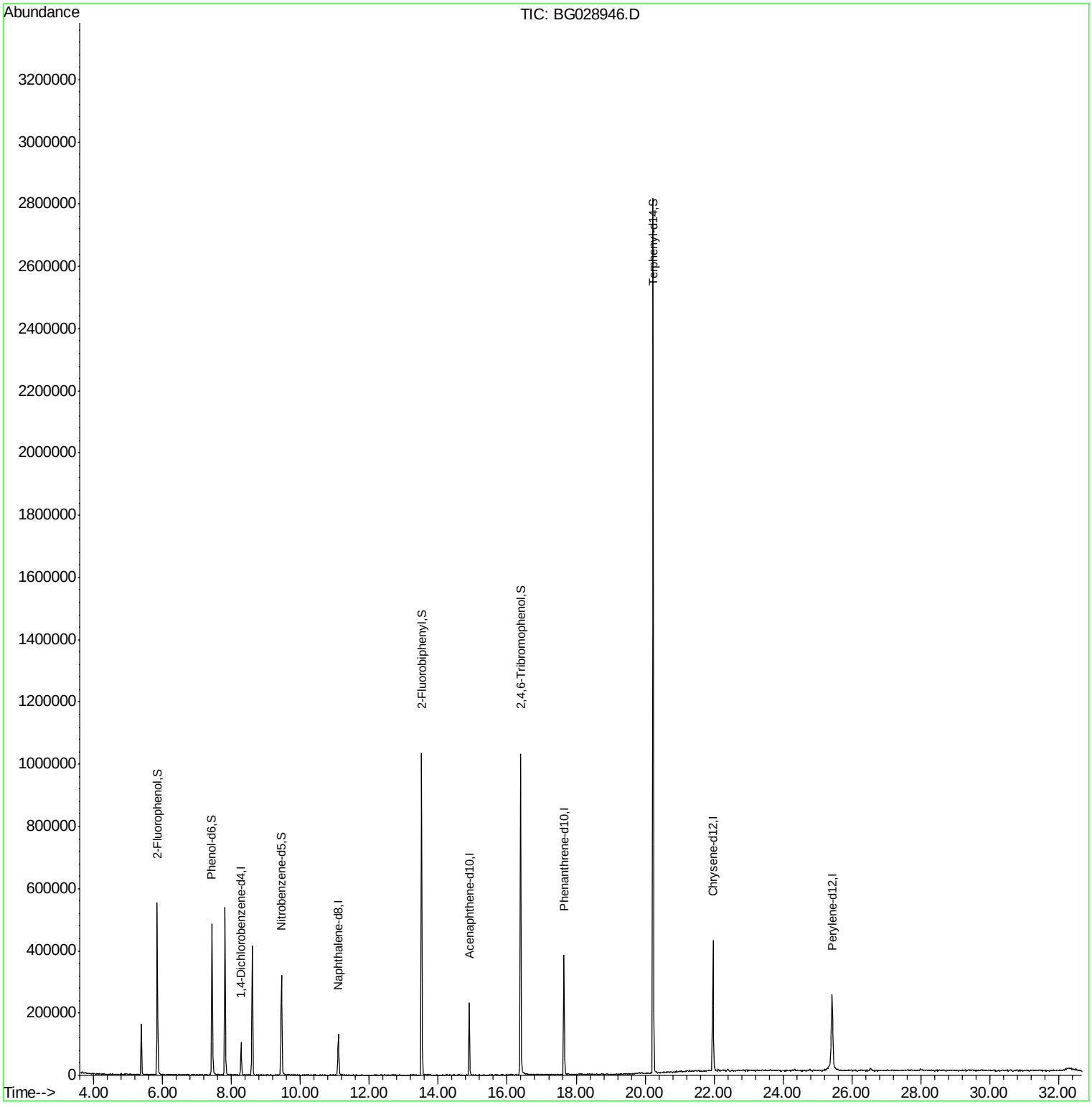
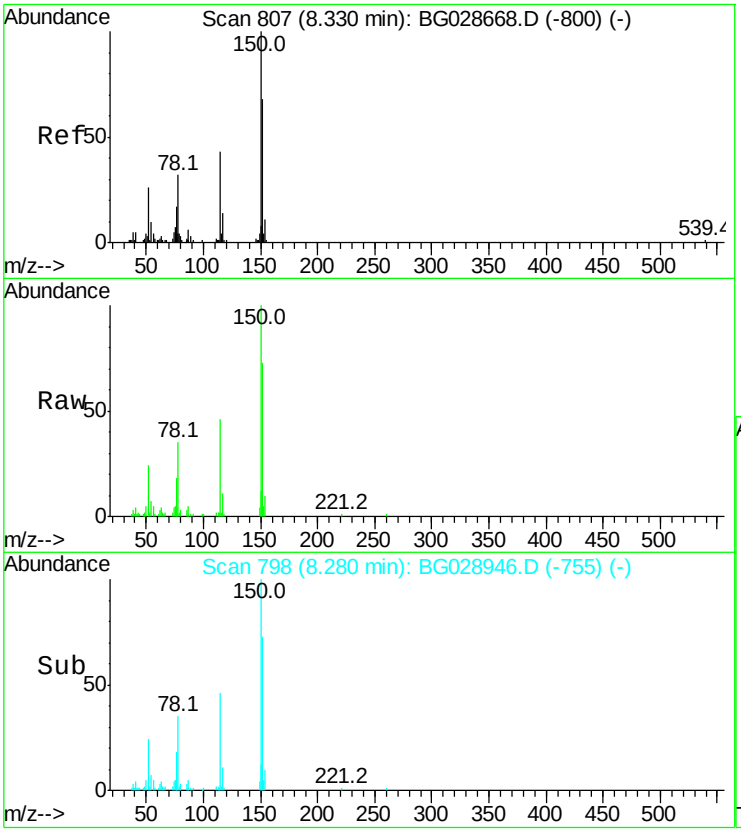


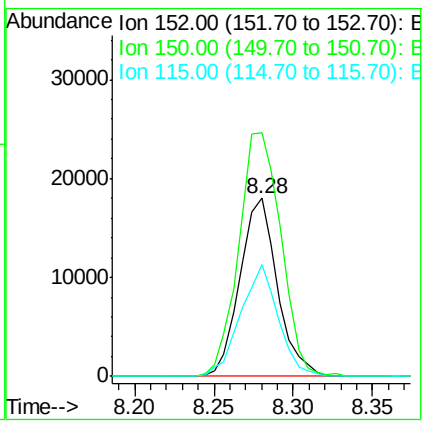


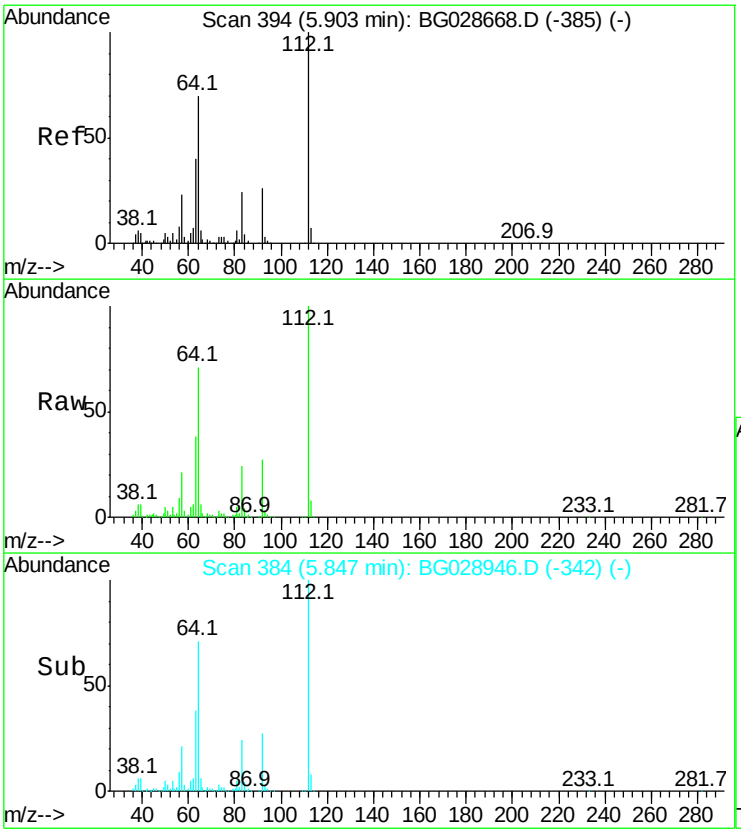
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Instrument :
BNA_G
ClientSampleId :
AU-05-092617-B

Tgt Ion:152 Resp: 29612

Ion	Ratio	Lower	Upper
152	100		
150	136.9	114.0	171.0
115	63.1	48.1	72.1

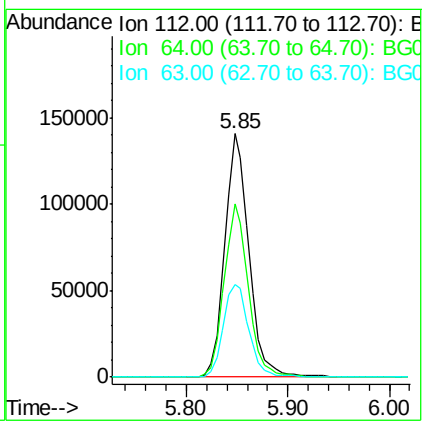


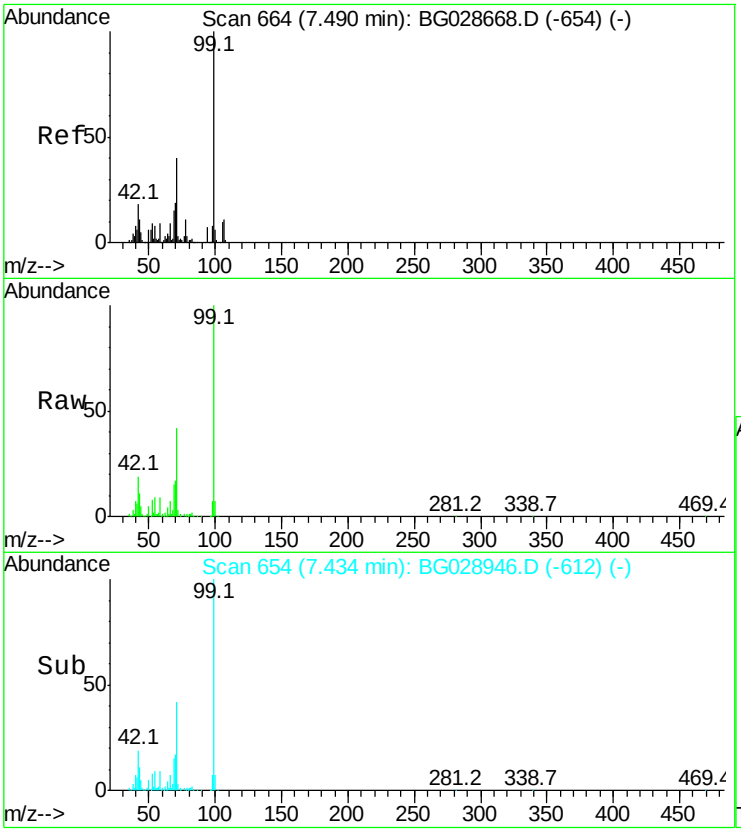


#5
2-Fluorophenol
Concen: 128.880 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Tgt Ion:112 Resp: 231289

Ion	Ratio	Lower	Upper
112	100		
64	71.1	61.8	92.6
63	38.1	37.2	55.8



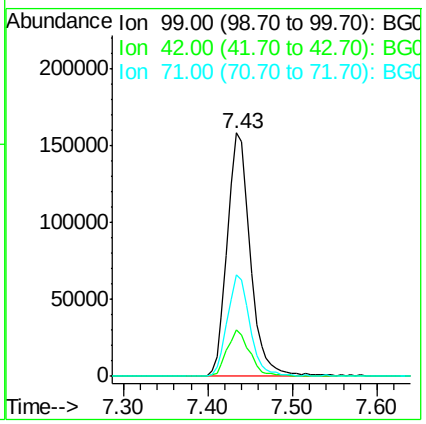


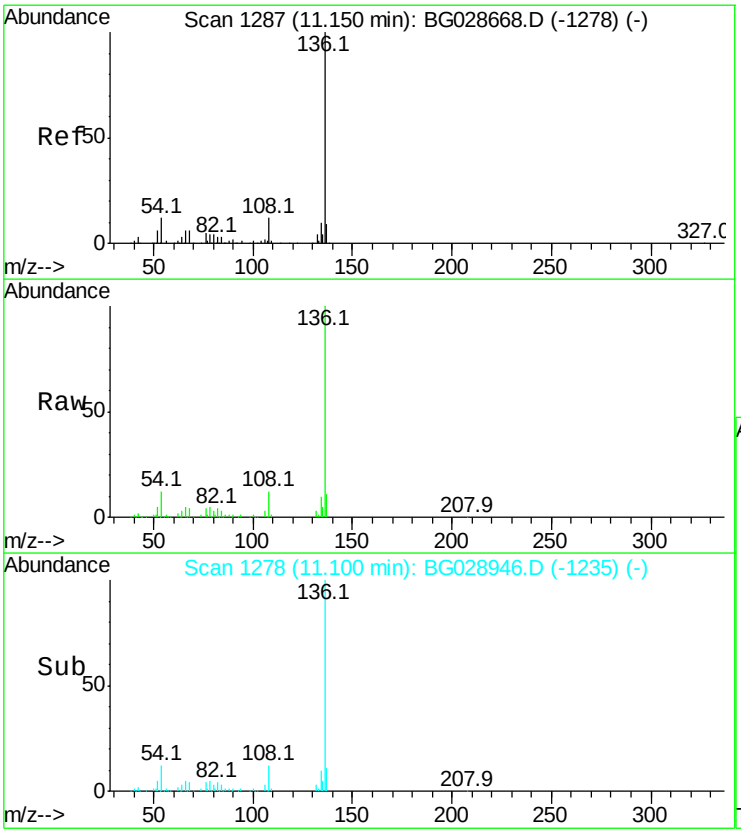
#7
Phenol-d6
Concen: 109.911 ng
RT: 7.43 min Scan# 654
Delta R.T. -0.06 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Instrument :
BNA_G
ClientSampleId :
AU-05-092617-B

Tgt Ion: 99 Resp: 296981

Ion	Ratio	Lower	Upper
99	100		
42	19.1	20.5	30.7#
71	41.6	37.6	56.4

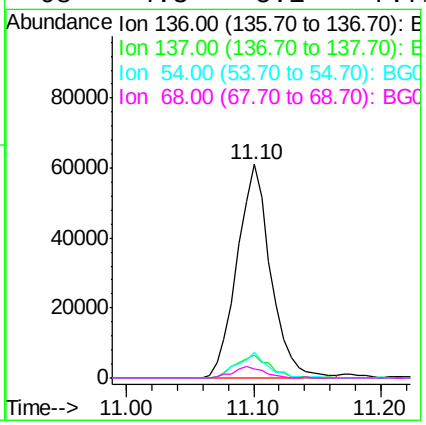


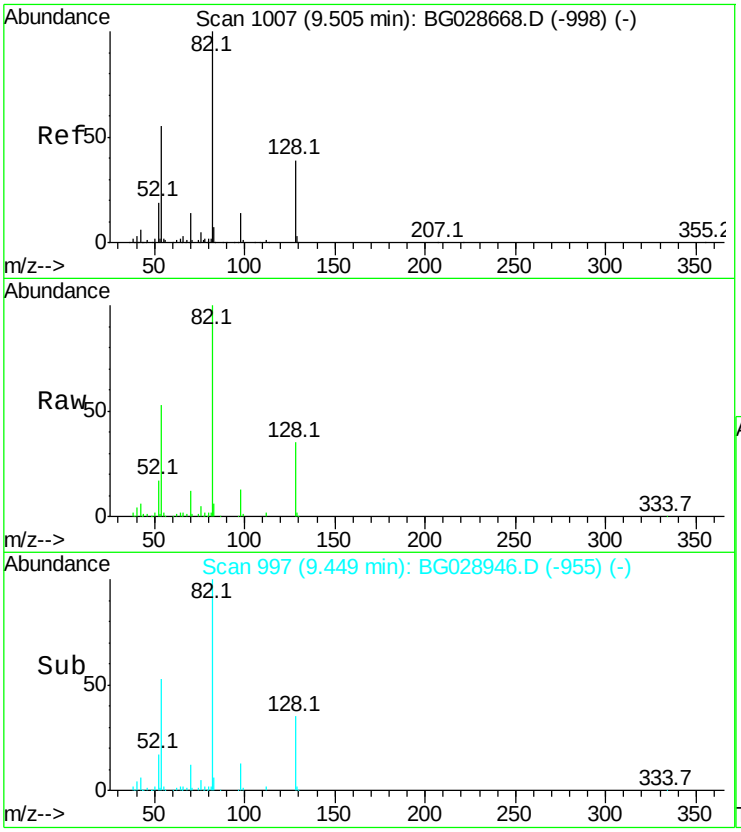


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Tgt Ion:136 Resp: 112410

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.7	9.3	13.9
68	4.3	5.1	7.7#



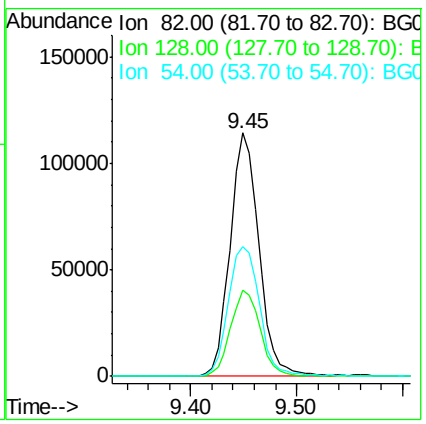


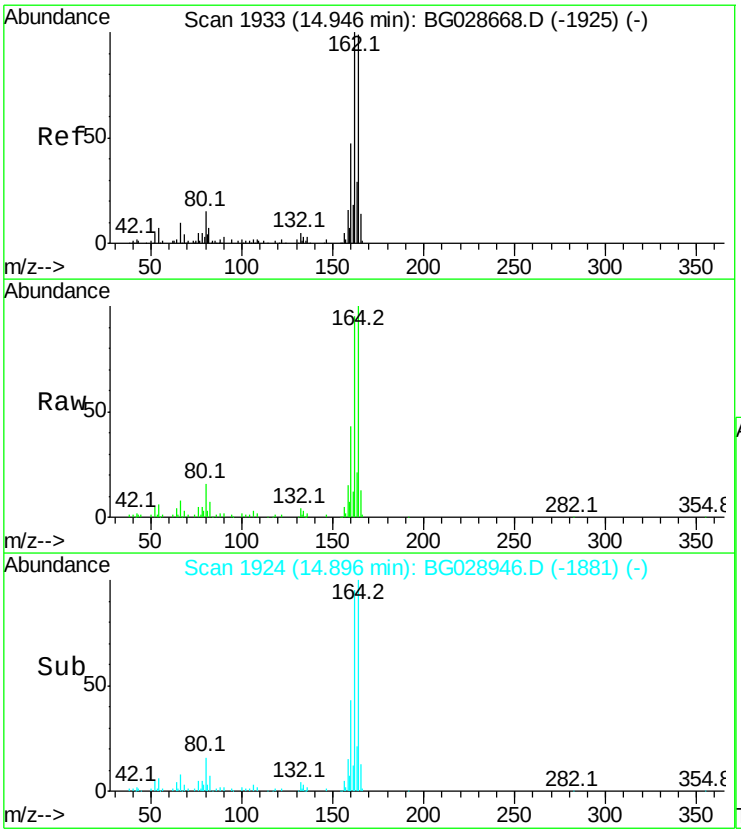
#23
Nitrobenzene-d5
Concen: 91.905 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Instrument :
BNA_G
ClientSampleId :
AU-05-092617-B

Tgt Ion: 82 Resp: 215961

Ion	Ratio	Lower	Upper
82	100		
128	35.2	26.4	39.6
54	53.3	49.4	74.2

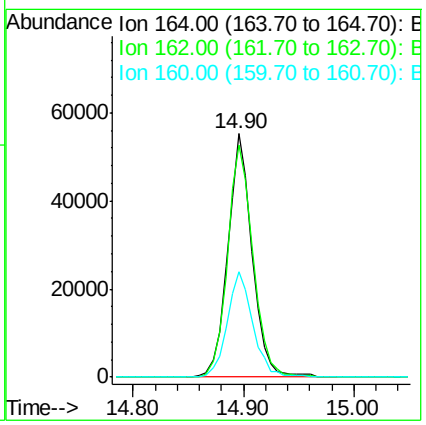


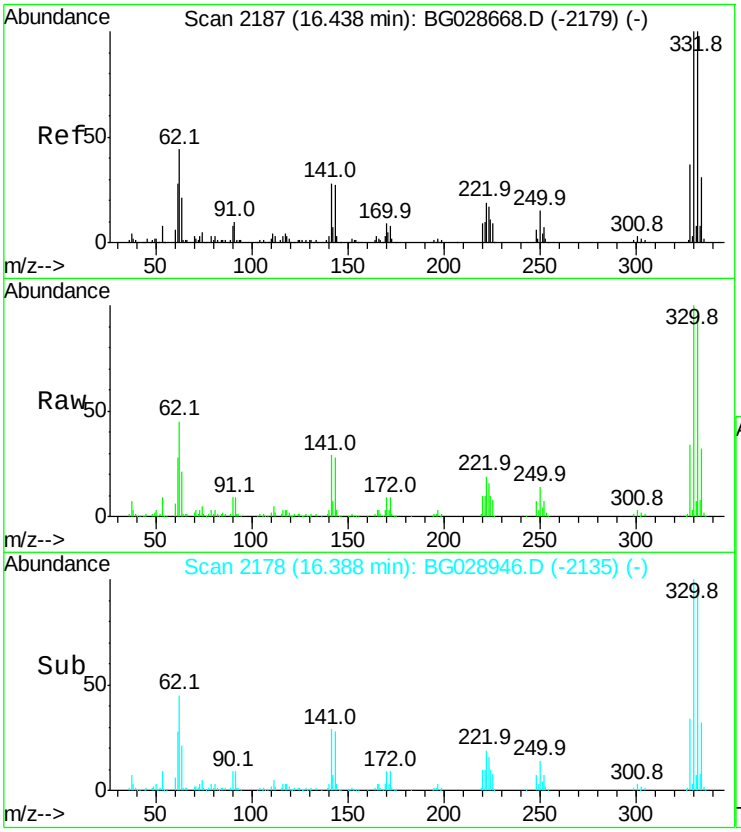


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Tgt Ion:164 Resp: 84894

Ion	Ratio	Lower	Upper
164	100		
162	95.3	85.1	127.7
160	43.2	34.7	52.1



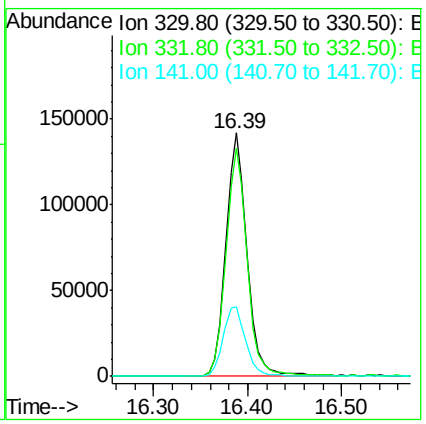


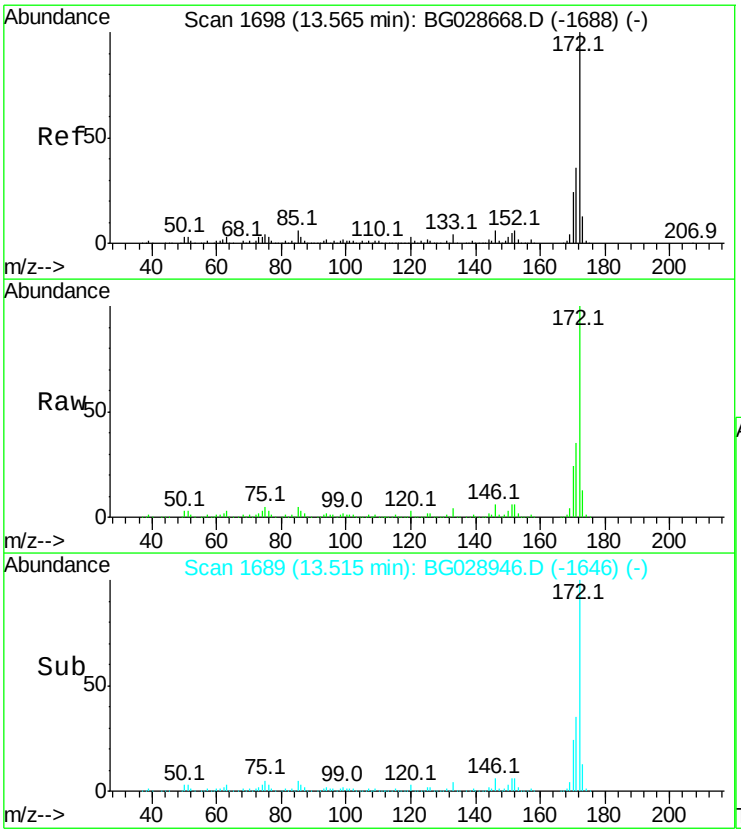
#41
2,4,6-Tribromophenol
Concen: 157.438 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Instrument :
BNA_G
ClientSampleId :
AU-05-092617-B

Tgt Ion:330 Resp: 221058

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.3	115.9
141	30.7	32.1	48.1#

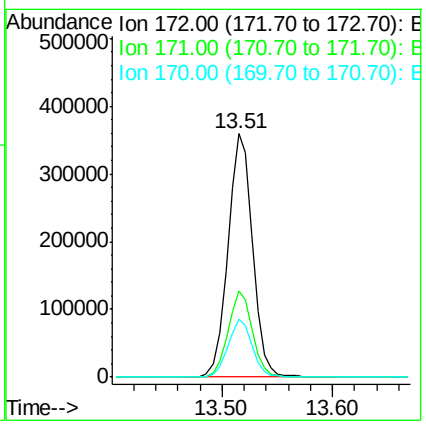


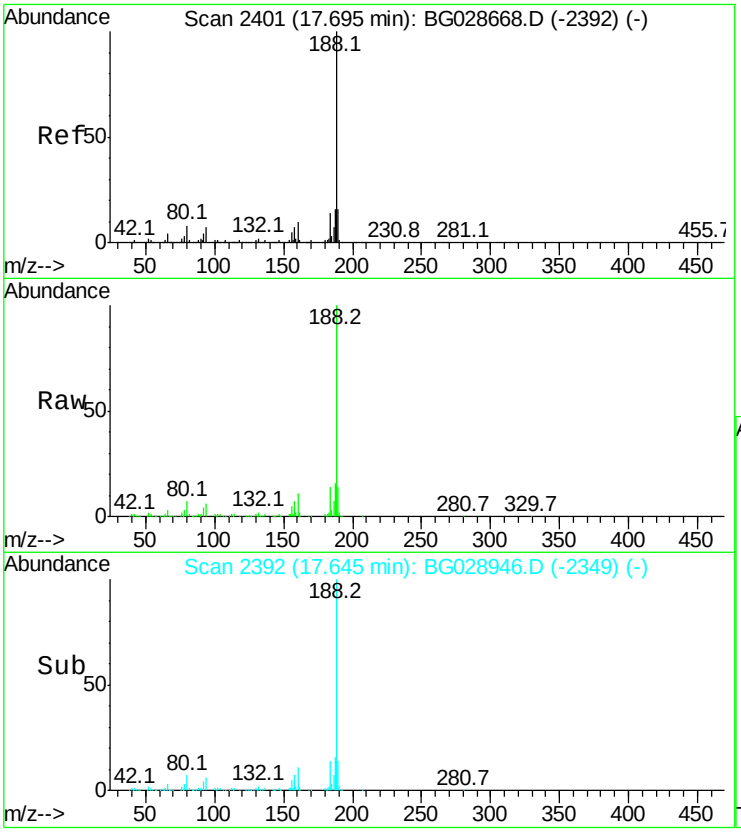


#44
2-Fluorobiphenyl
Concen: 87.848 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Tgt Ion:172 Resp: 559295

Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	23.6	21.8	32.6



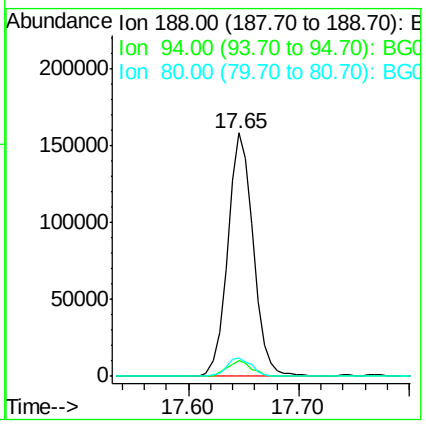


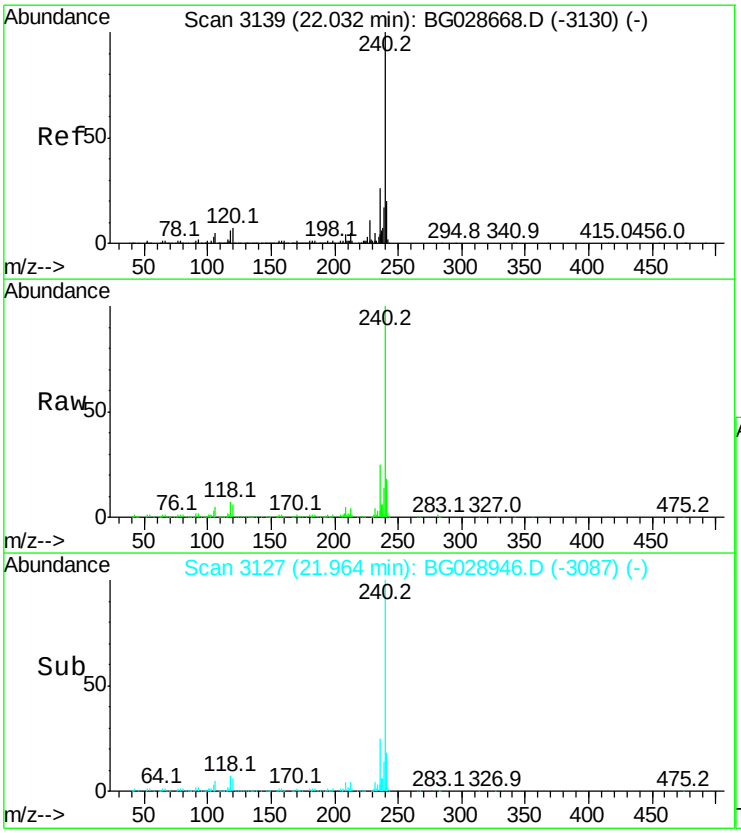
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Instrument :
BNA_G
ClientSampleId :
AU-05-092617-B

Tgt Ion:188 Resp: 256359

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.8
80	7.4	7.5	11.3#

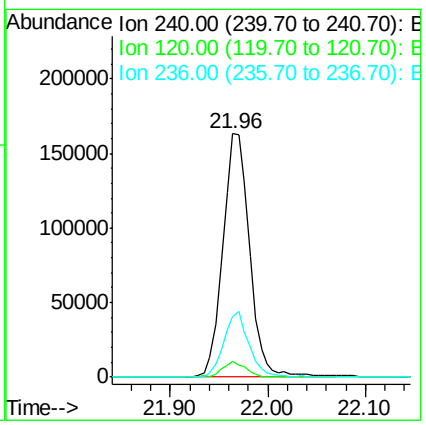


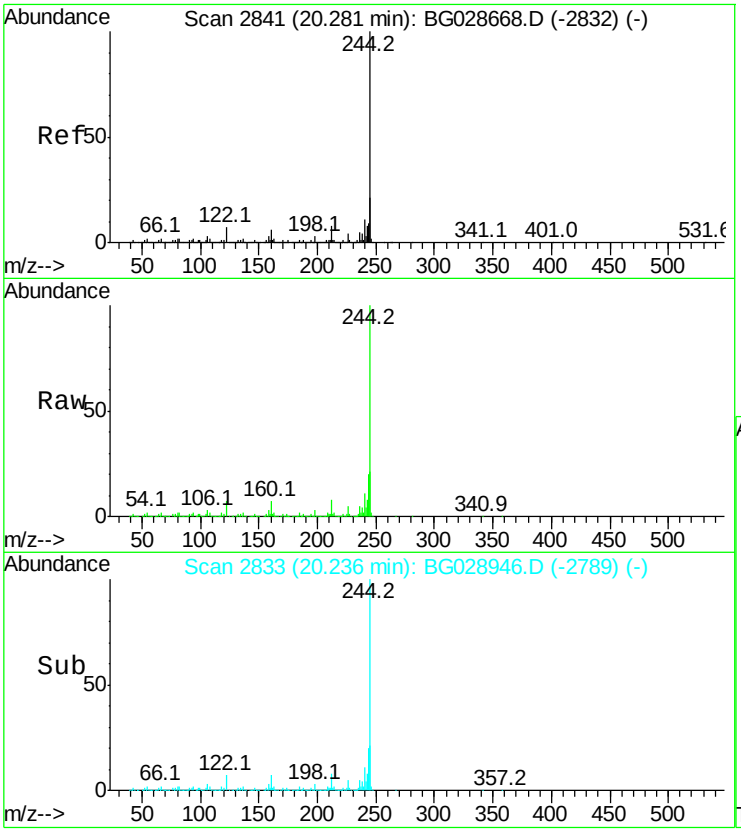


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Tgt Ion:240 Resp: 309902

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	24.7	22.2	33.4



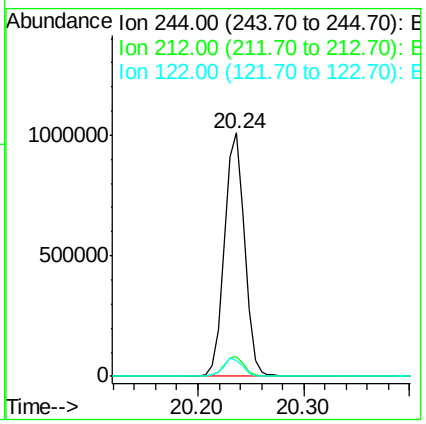


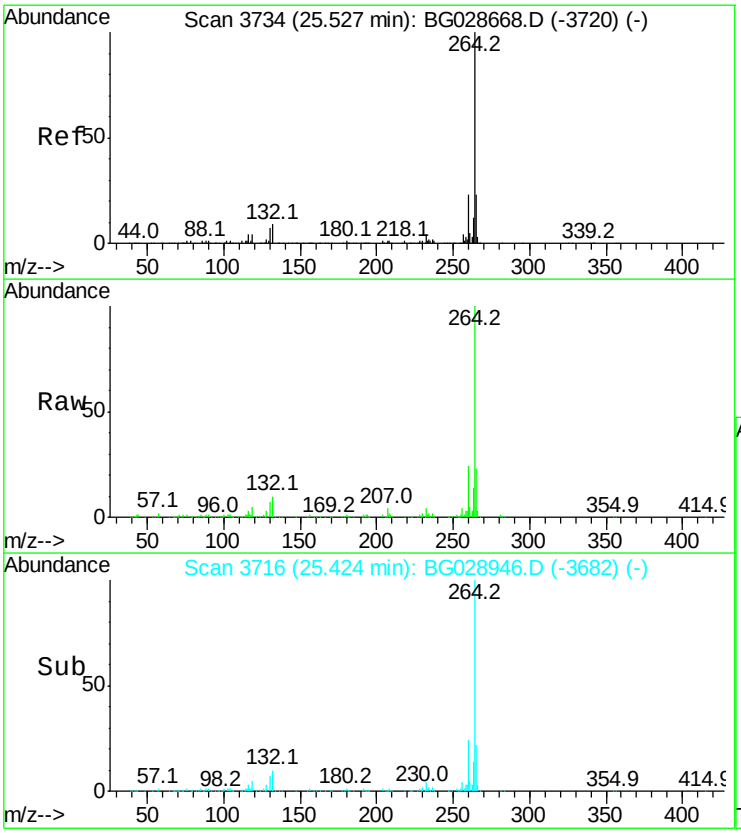
#78
Terphenyl-d14
Concen: 91.125 ng
RT: 20.24 min Scan# 2833
Delta R.T. -0.04 min
Lab File: BG028946.D
Acq: 27 Sep 2017 17:05

Instrument :
BNA_G
ClientSampleId :
AU-05-092617-B

Tgt Ion:244 Resp: 1324224

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	6.6	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: BG028946.D
Acq: 27 Sep 2017 17:05

Tgt Ion:264 Resp: 311200

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.8	18.2	27.4