Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029022.D
Acq On : 4 Oct 2017 2:35
Operator : SJ/JU
Sample : I5496-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAMT-COMP-A-D

Quant Time: Oct 04 07:29:13 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	8.24	152	40897	20.00	ng		-0.09
21) Naphthalene-d8	11.06	136	152822	20.00	ng		-0.09
38) Acenaphthene-d10	14.86	164	103830	20.00	ng		-0.08
63) Phenanthrene-d10	17.61	188	281408	20.00	ng		-0.08
75) Chrysene-d12	21.93	240	335320	20.00	ng		-0.11
86) Perylene-d12	25.35	264	319384	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	57436	23.17	ng		-0.09
7) Phenol-d6	7.40	99	49197	13.18	ng		-0.09
23) Nitrobenzene-d5	9.41	82	196477	61.50	ng		-0.09
41) 2,4,6-Tribromophenol	16.36	330	85999	50.08	ng		-0.08
44) 2-Fluorobiphenyl	13.48	172	481191	61.80	ng		-0.08
78) Terphenyl-d14	20.20	244	928378	59.04	ng		-0.08
Target Compounds							Qvalue
10) Phenol	7.43	94	8615	2.187	ng		82
49) Dimethylphthalate	14.31	163	34749	3.991	ng	#	98
76) Benzidine	19.84	184	31998	3.680	ng		94

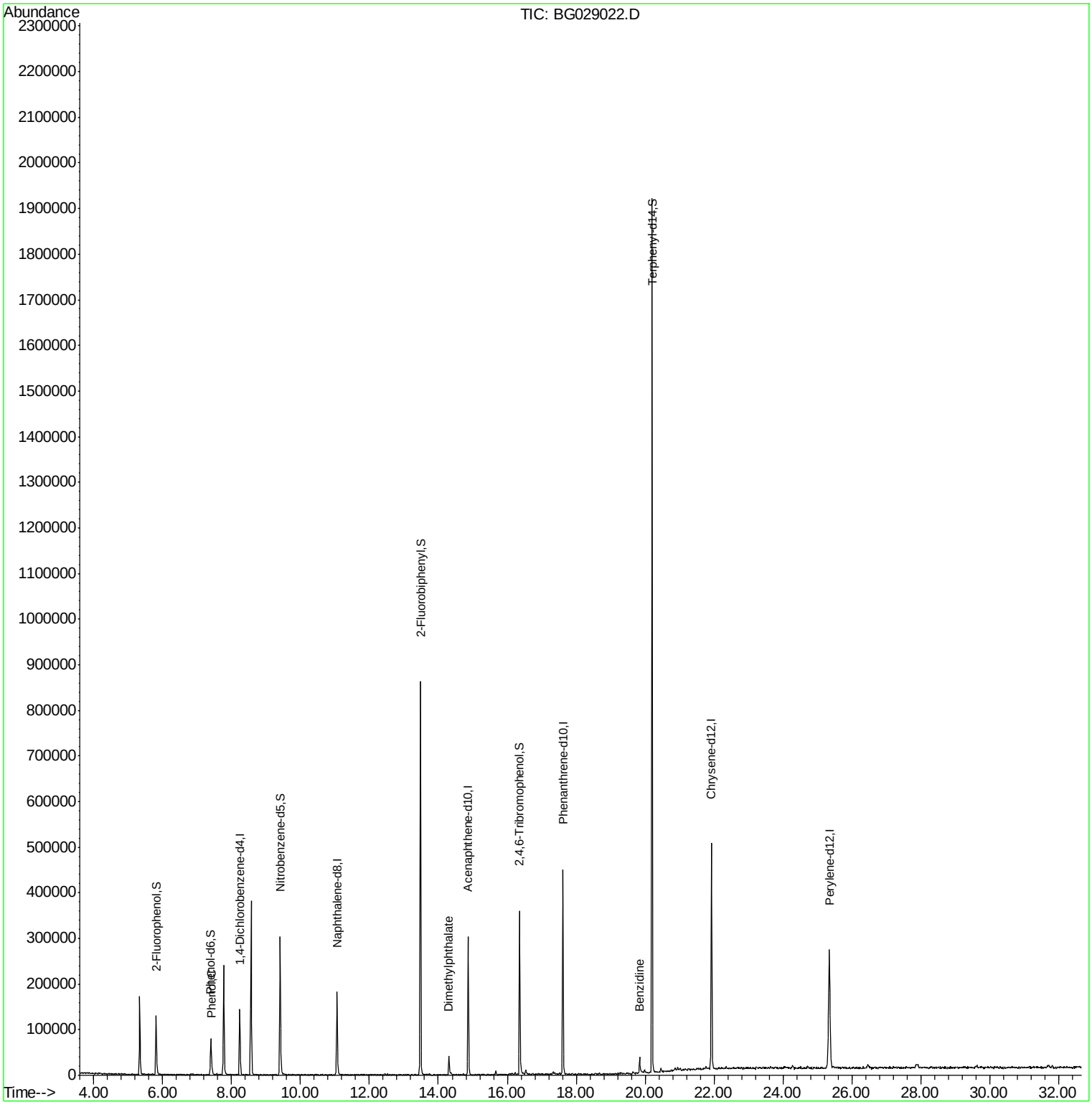
(#) = qualifier out of range (m) = manual integration (+) = signals summed

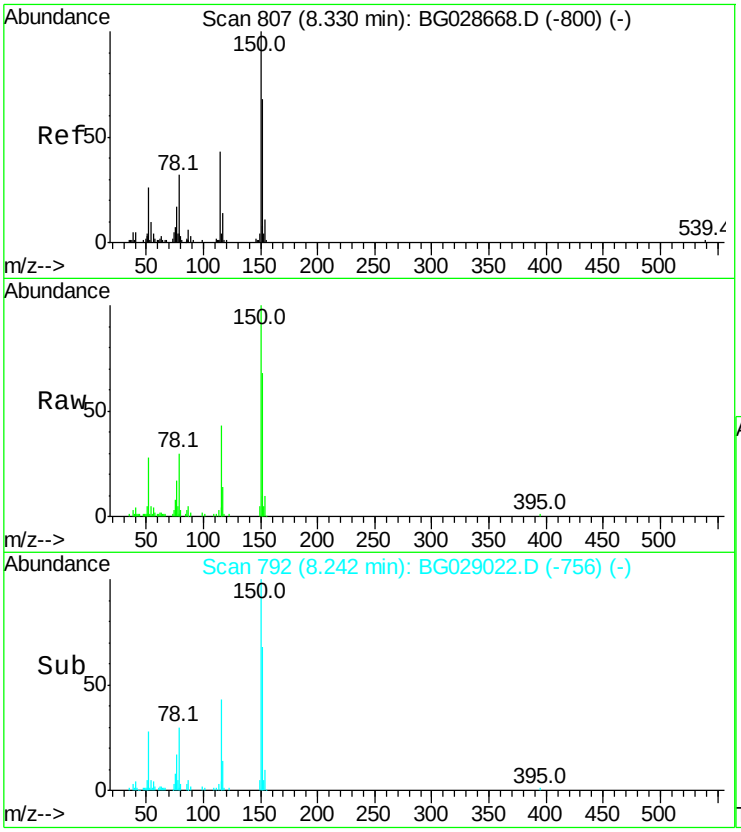
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029022.D
Acq On : 4 Oct 2017 2:35
Operator : SJ/JU
Sample : I5496-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-A-D

Quant Time: Oct 04 07:29:13 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



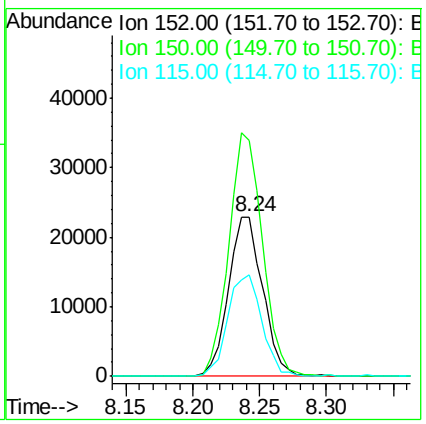


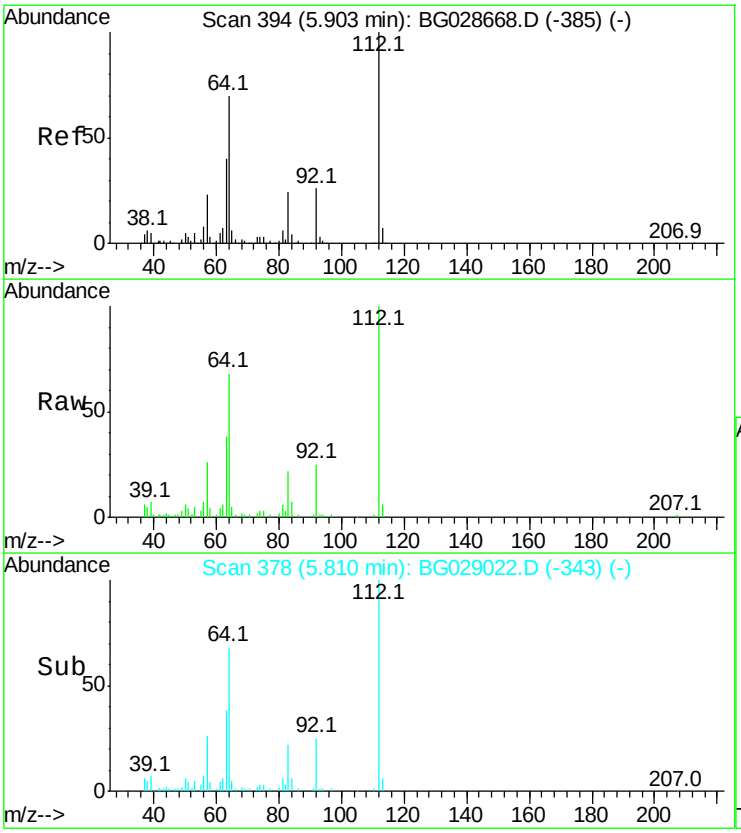
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-A-D

Tgt Ion:152 Resp: 40897

Ion	Ratio	Lower	Upper
152	100		
150	147.8	114.0	171.0
115	63.7	48.1	72.1

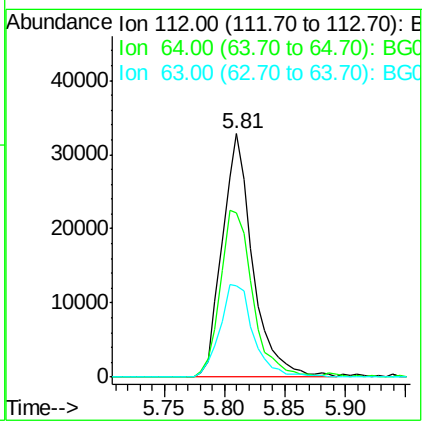


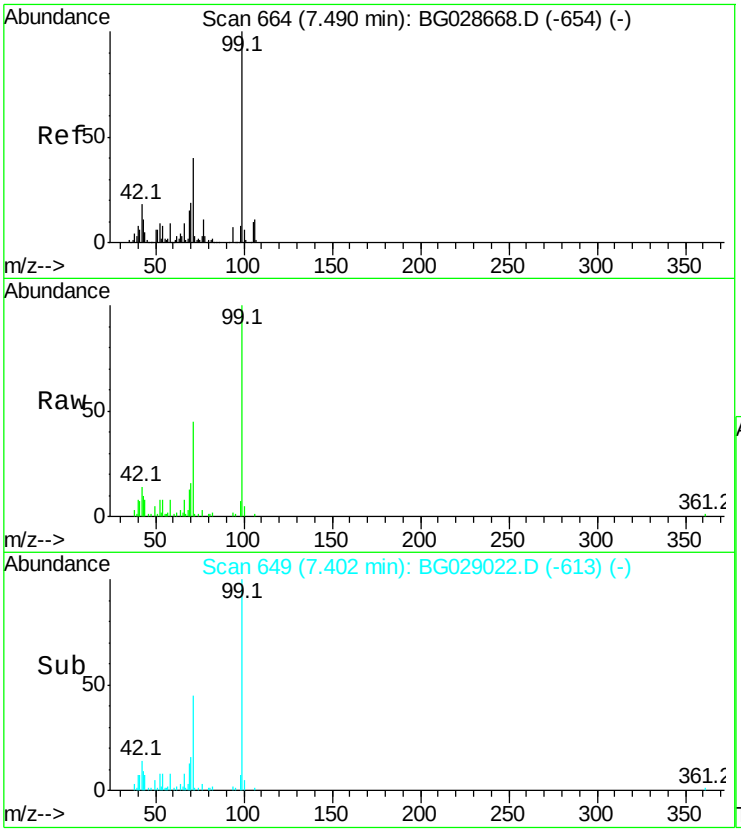


#5
2-Fluorophenol
Concen: 23.173 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion:112 Resp: 57436

Ion	Ratio	Lower	Upper
112	100		
64	67.6	61.8	92.6
63	37.7	37.2	55.8



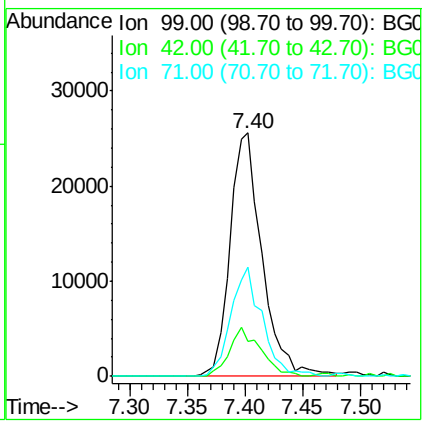


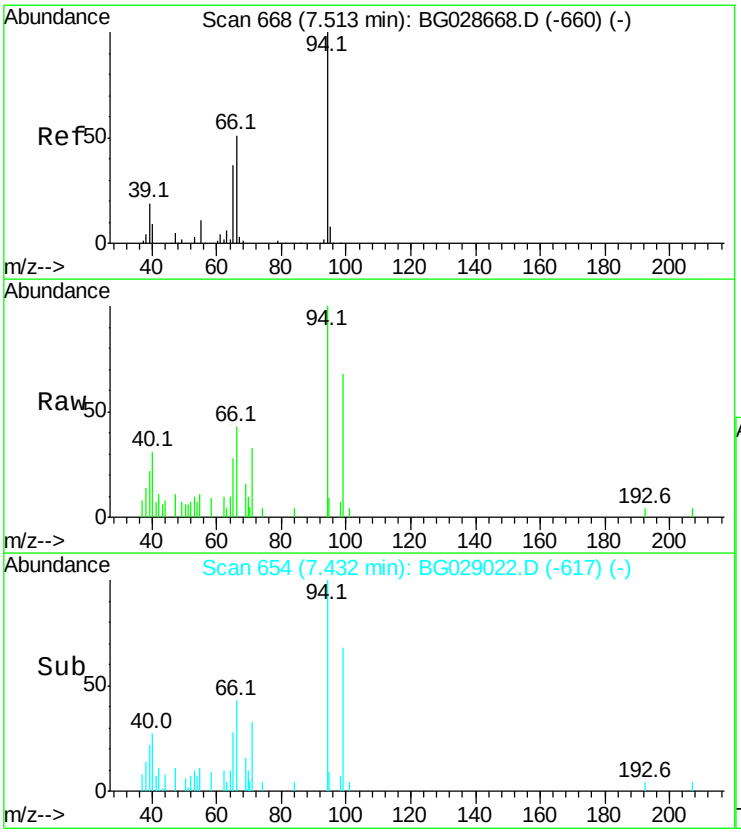
#7
Phenol-d6
Concen: 13.183 ng
RT: 7.40 min Scan# 649
Delta R.T. -0.09 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-A-D

Tgt Ion: 99 Resp: 49197

Ion	Ratio	Lower	Upper
99	100		
42	14.2	20.5	30.7#
71	44.6	37.6	56.4

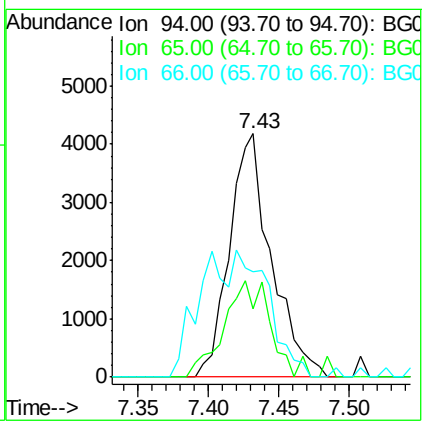


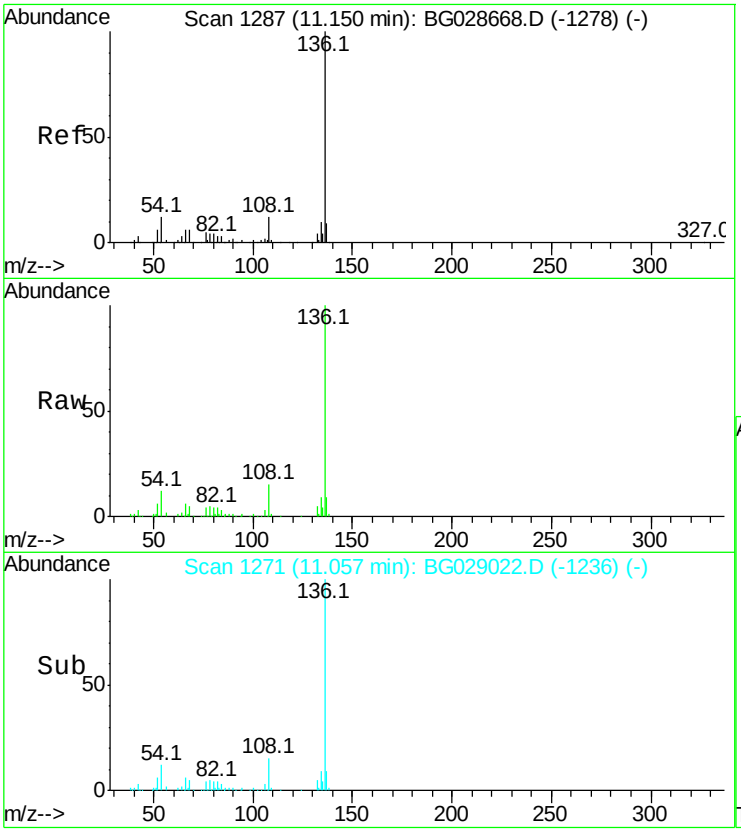


#10
Phenol
Concen: 2.187 ng
RT: 7.43 min Scan# 654
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion: 94 Resp: 8615

Ion	Ratio	Lower	Upper
94	100		
65	28.1	20.6	60.6
66	43.4	35.5	75.5



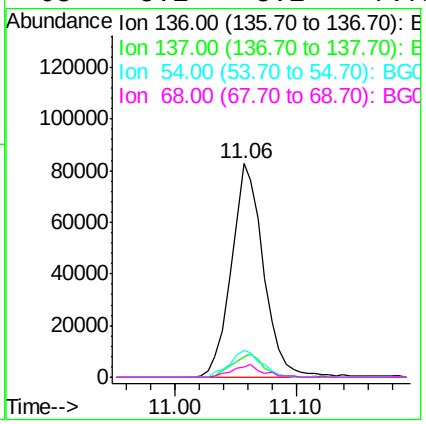


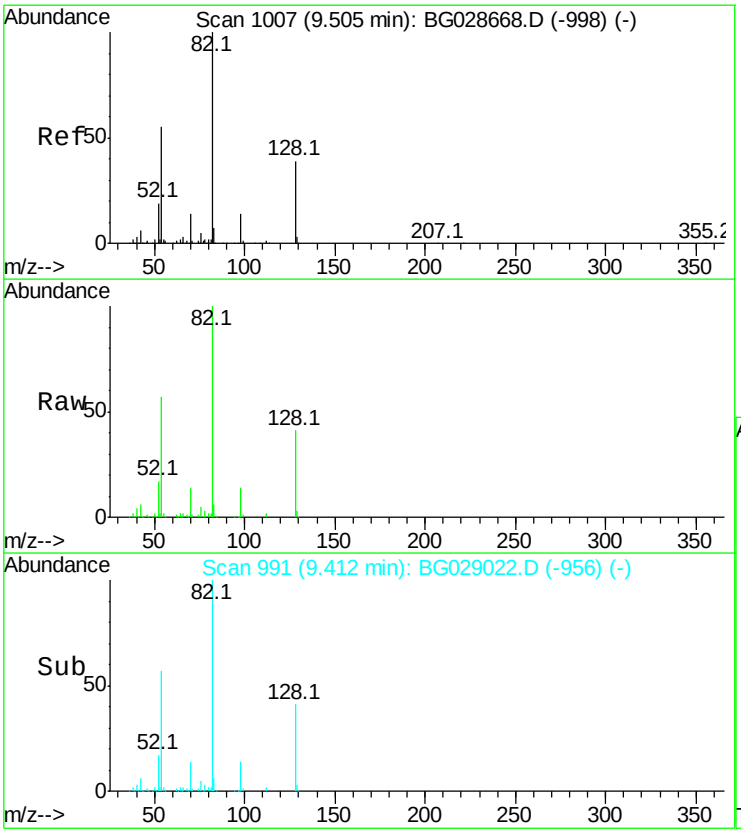
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-A-D

Tgt Ion:136 Resp: 152822

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

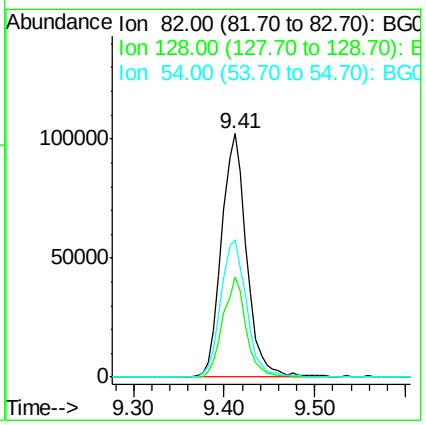


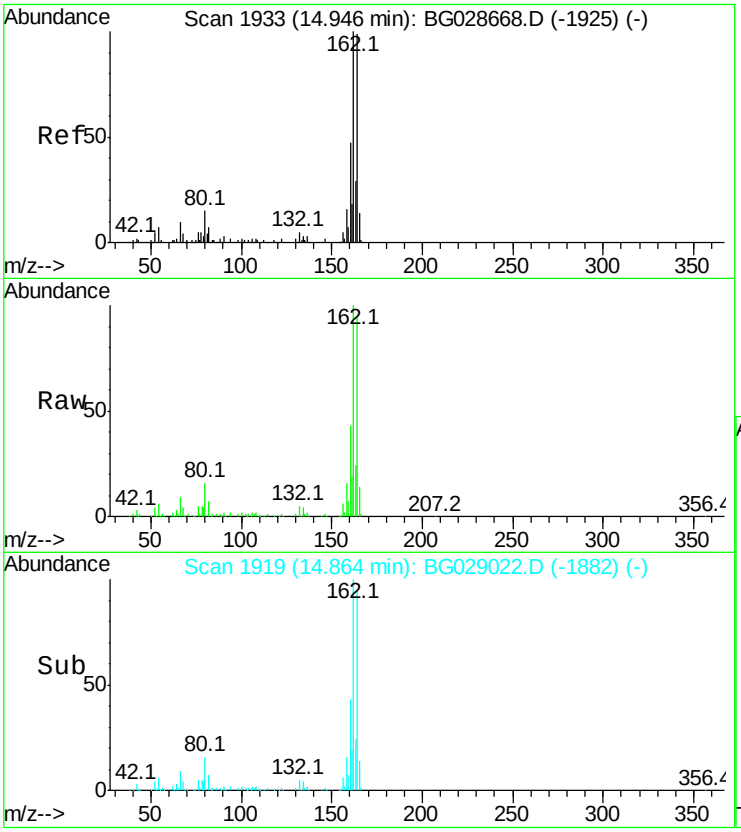


#23
Nitrobenzene-d5
Concen: 61.503 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion: 82 Resp: 196477

Ion	Ratio	Lower	Upper
82	100		
128	41.1	26.4	39.6#
54	56.7	49.4	74.2



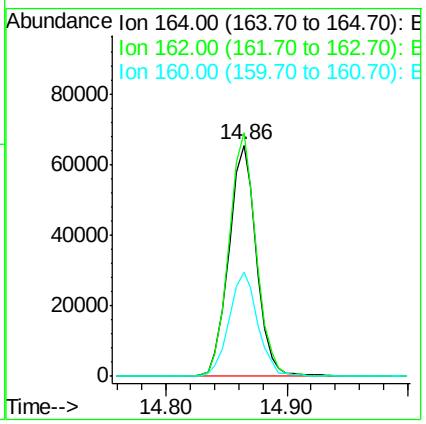


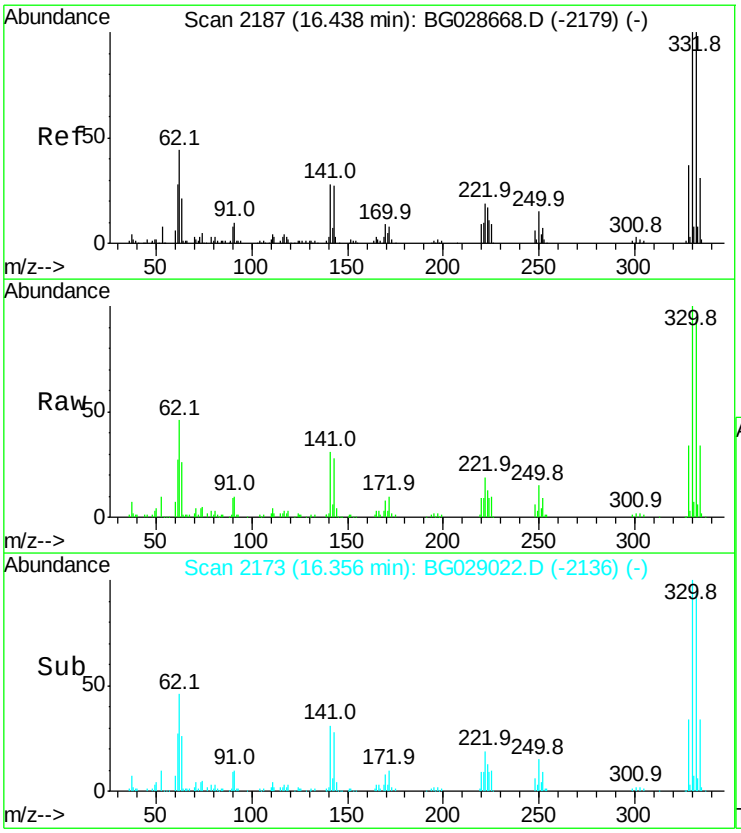
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.86 min Scan# 1919
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-A-D

Tgt Ion:164 Resp: 103830

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	45.1	34.7	52.1

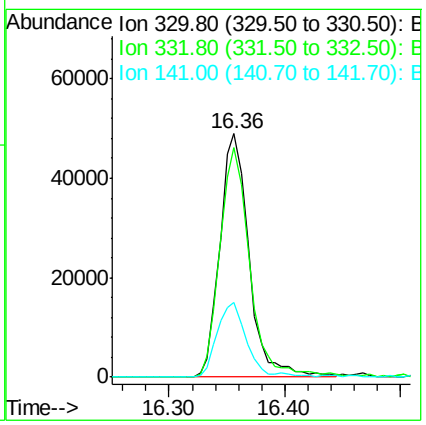


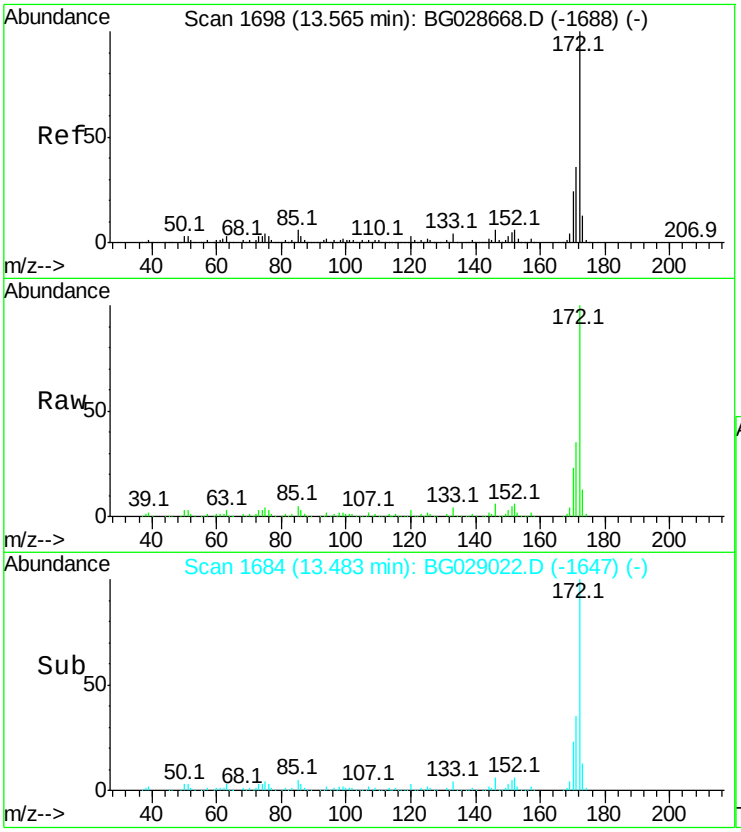


#41
2,4,6-Tribromophenol
Concen: 50.078 ng
RT: 16.36 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion:330 Resp: 85999

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.4	32.1	48.1#



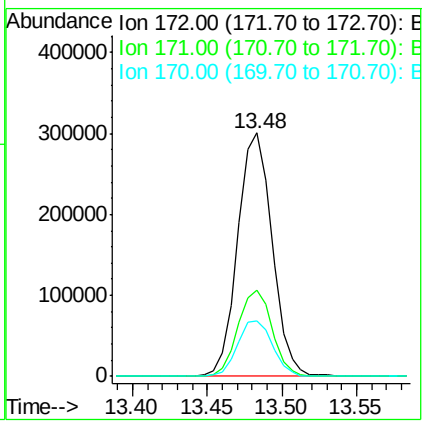


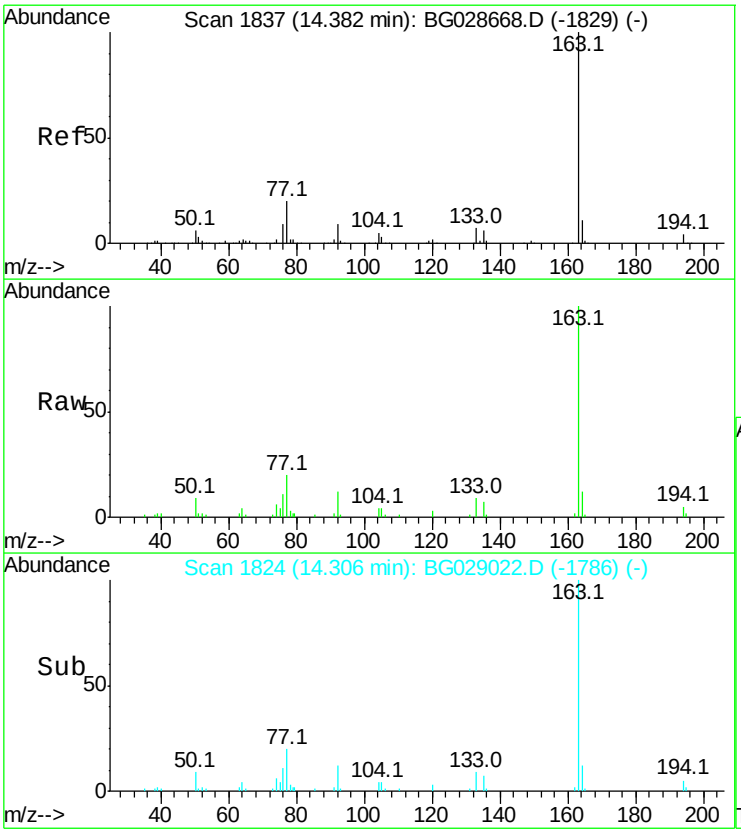
#44
2-Fluorobiphenyl
Concen: 61.796 ng
RT: 13.48 min Scan# 1684
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-A-D

Tgt Ion:172 Resp: 481191

Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	22.8	21.8	32.6

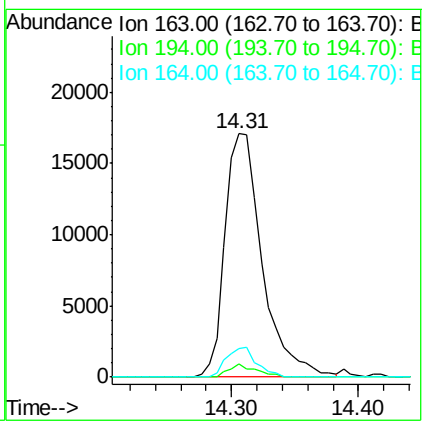


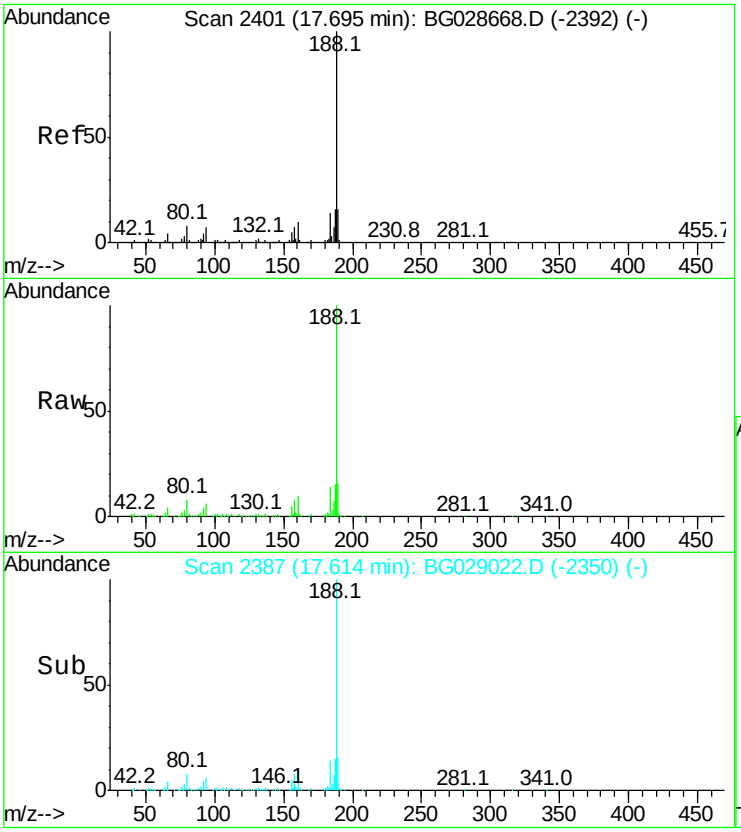


#49
Dimethylphthalate
Concen: 3.991 ng
RT: 14.31 min Scan# 1824
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion:163 Resp: 34749

Ion	Ratio	Lower	Upper
163	100		
194	6.8	3.8	5.6#
164	11.6	9.3	13.9



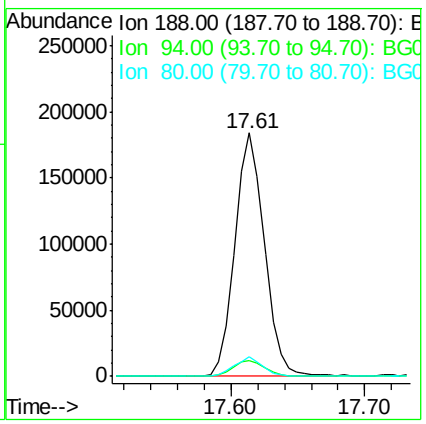


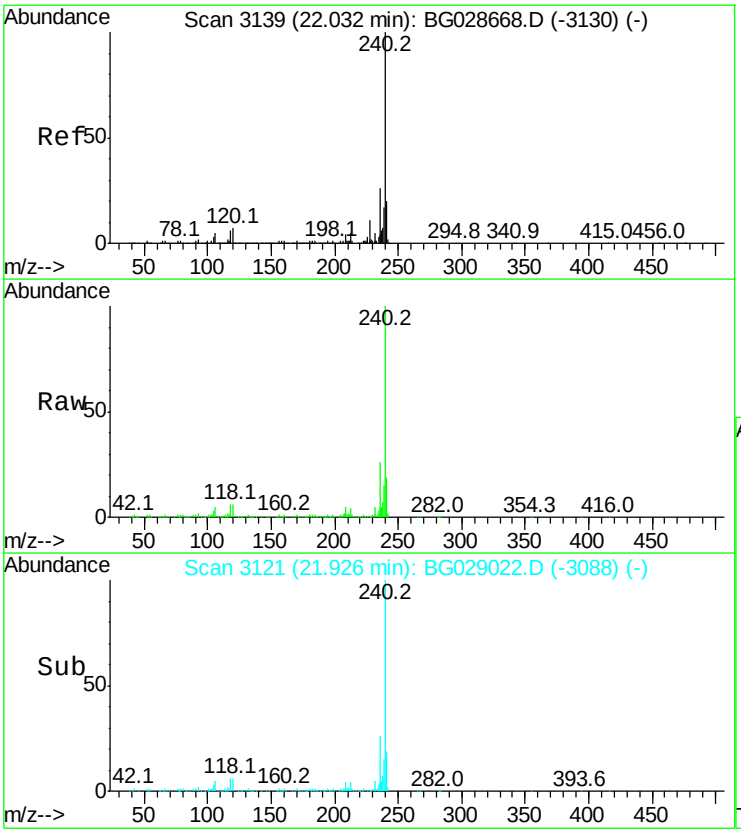
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-A-D

Tgt Ion:188 Resp: 281408

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.8
80	8.0	7.5	11.3

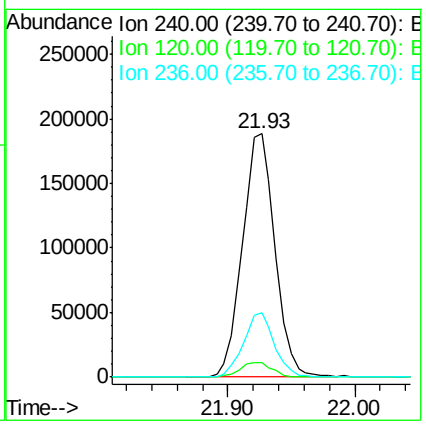


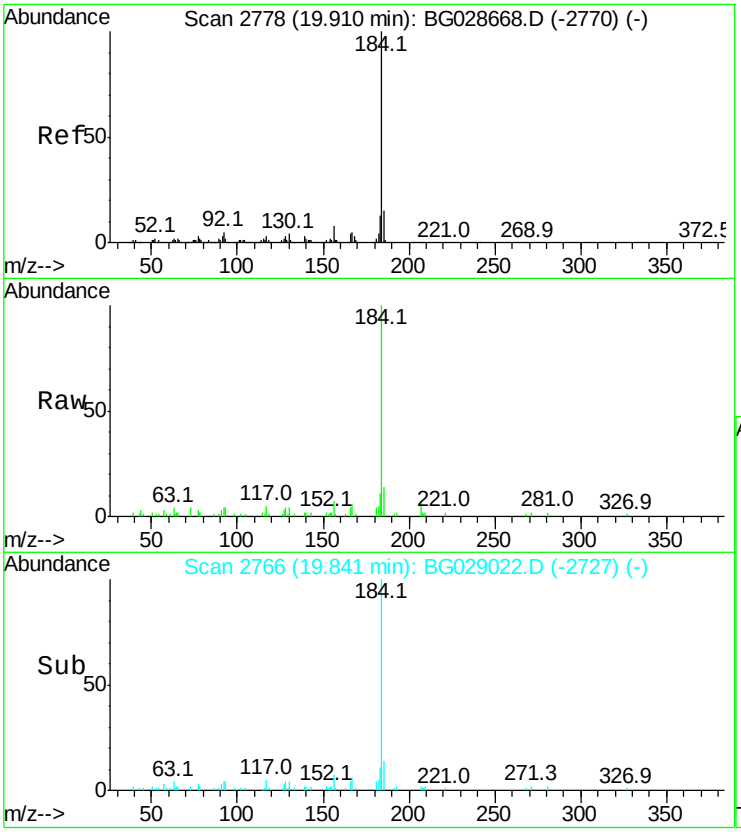


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.93 min Scan# 3121
Delta R.T. -0.11 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion:240 Resp: 335320

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	26.2	22.2	33.4



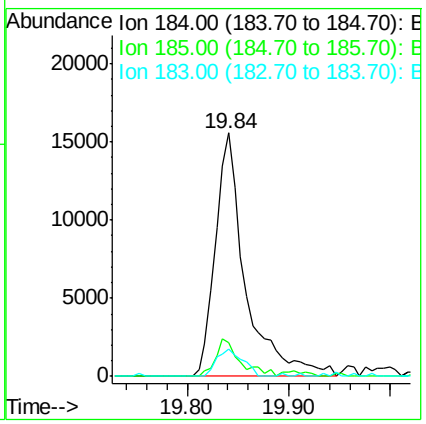


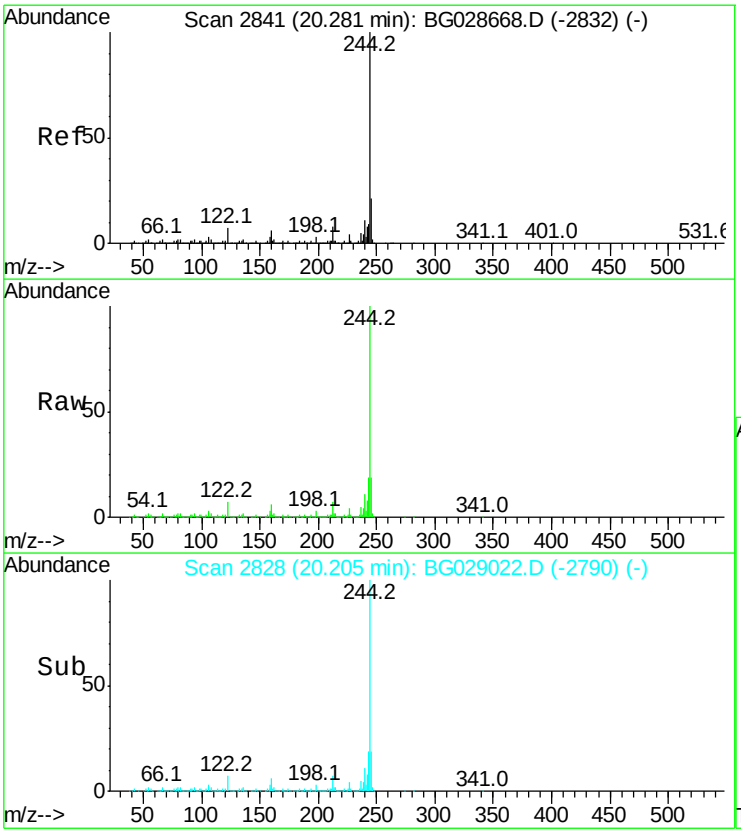
#76
Benzidine
Concen: 3.680 ng
RT: 19.84 min Scan# 2766
Delta R.T. -0.07 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-A-D

Tgt Ion:184 Resp: 31998

Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.0	19.6
183	11.4	11.0	16.6

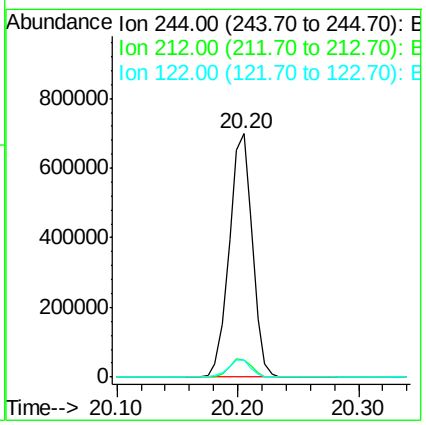


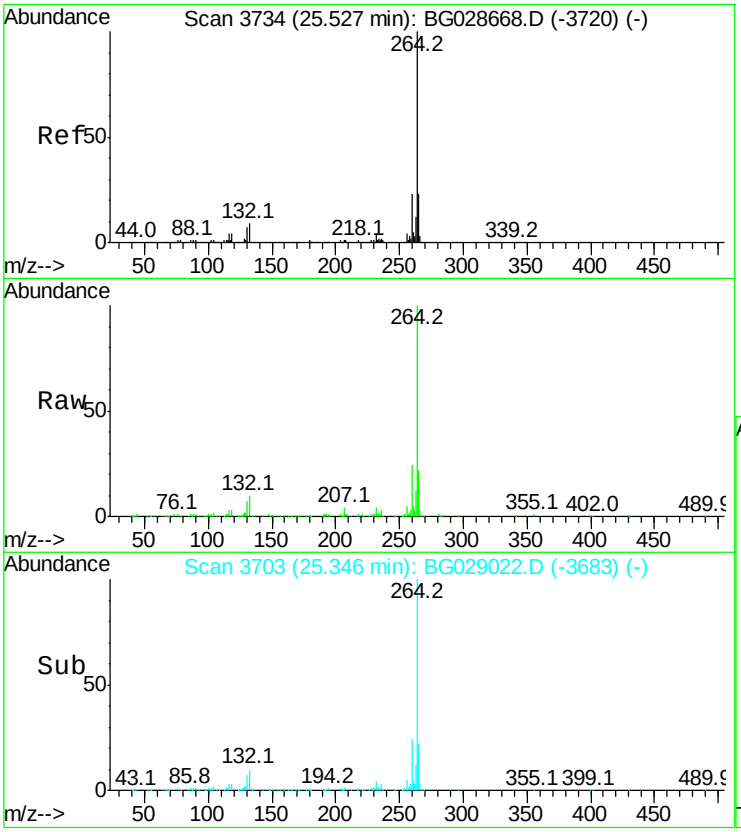


#78
Terphenyl-d14
Concen: 59.043 ng
RT: 20.20 min Scan# 2828
Delta R.T. -0.08 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Tgt Ion:244 Resp: 928378

Ion	Ratio	Lower	Upper
244	100		
212	7.2	10.0	15.0#
122	7.2	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.35 min Scan# 3703
Delta R.T. -0.18 min
Lab File: BG029022.D
Acq: 4 Oct 2017 2:35

Instrument :
BNA_G
ClientSampleId :
PAMT-COMP-A-D

Tgt Ion:264 Resp: 319384

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.3	18.2	27.4