Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029020.D
Acq On : 4 Oct 2017 1:16
Operator : SJ/JU
Sample : PB102869BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB102869BL

Quant Time: Oct 04 07:25:31 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	38638	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	146970	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	101025	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	282547	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	315519	20.00	ng	-0.11
86) Perylene-d12	25.34	264	301000	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	320075	136.69	ng	-0.09
7) Phenol-d6	7.40	99	412235	116.93	ng	-0.09
23) Nitrobenzene-d5	9.41	82	262808	85.54	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	224564	134.40	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	660318	87.15	ng	-0.08
78) Terphenyl-d14	20.20	244	1298715	87.78	ng	-0.08
Target Compounds						Qvalue

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

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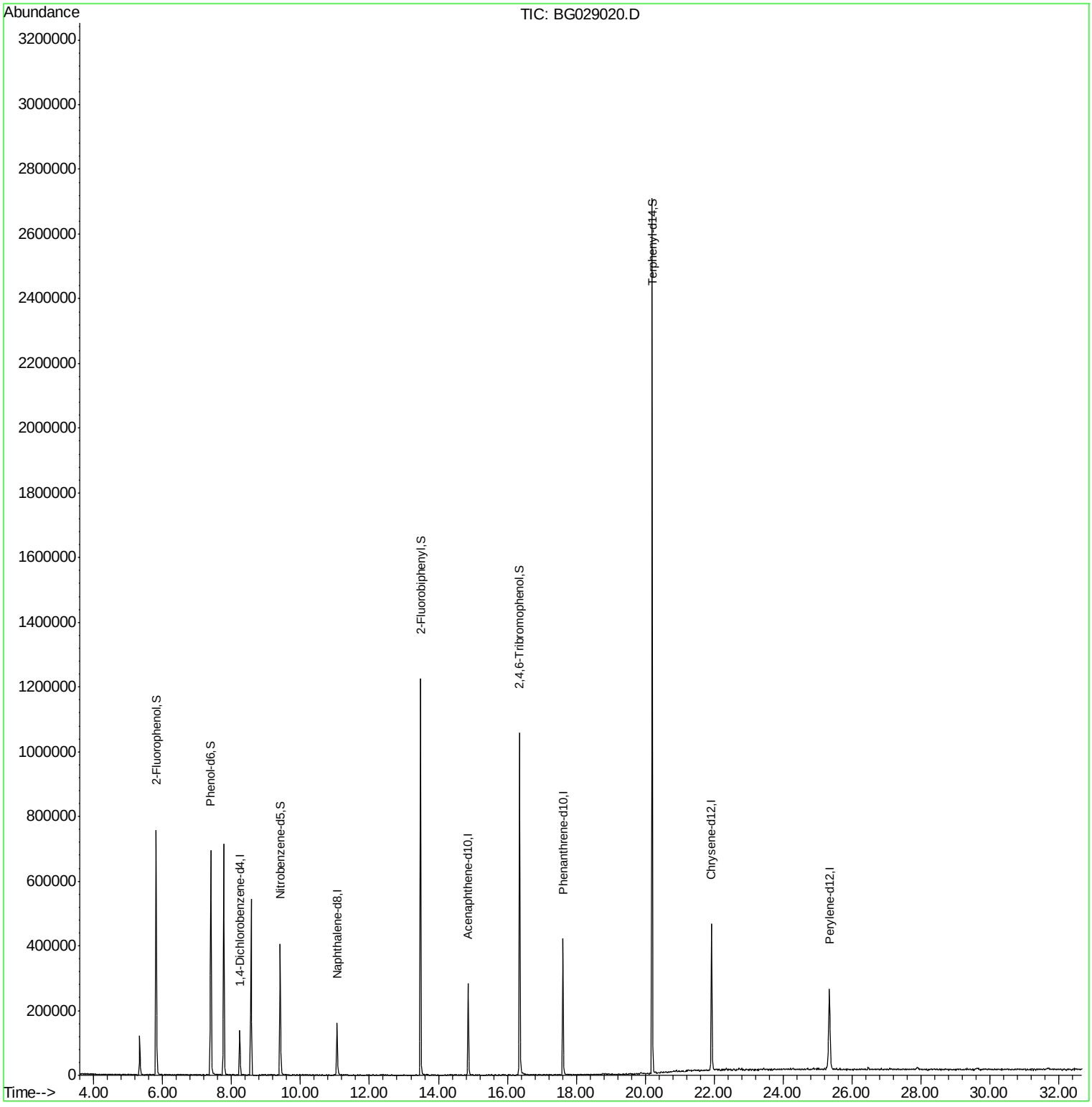
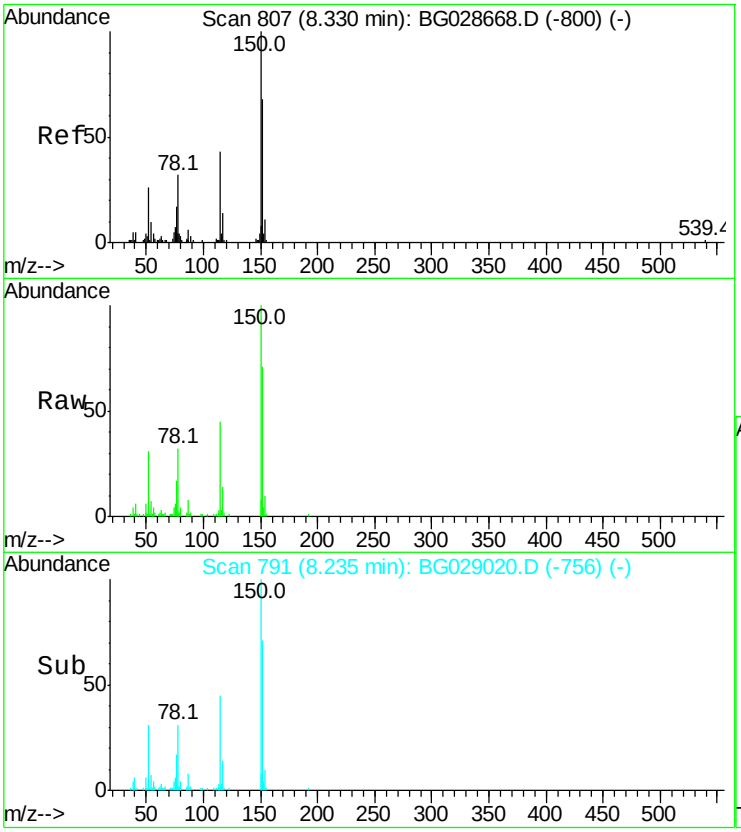


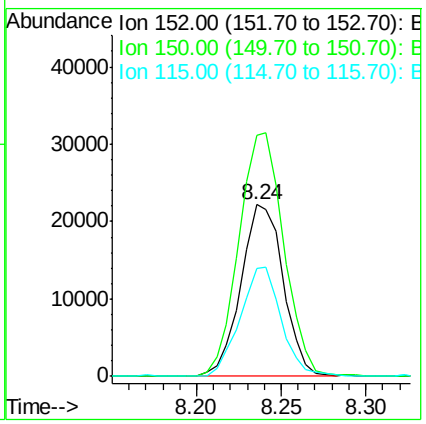


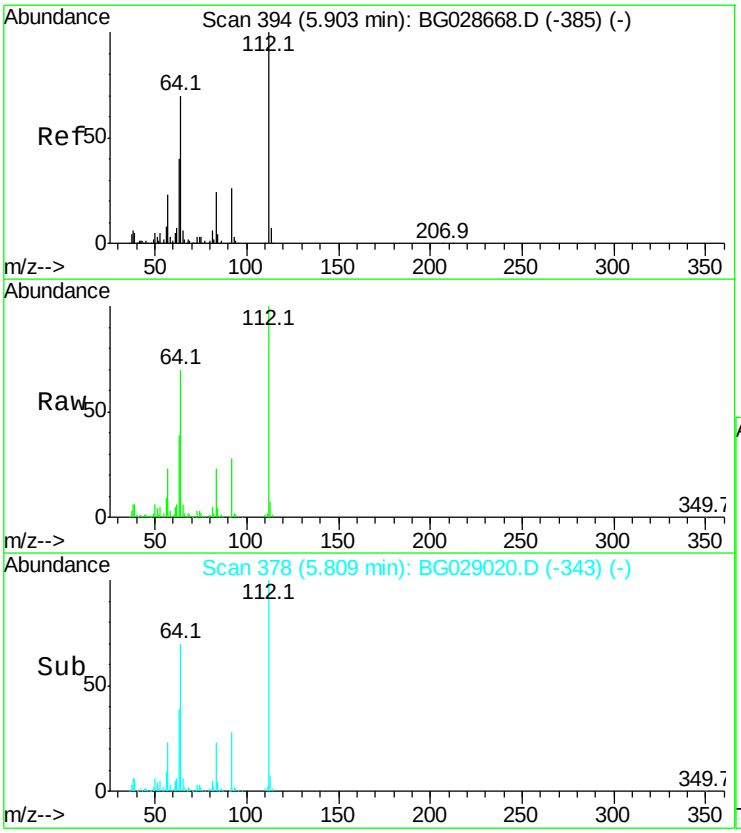
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 791
Delta R.T. -0.09 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Instrument :
BNA_G
ClientSampleId :
PB102869BL

Tgt Ion:152 Resp: 38638

Ion	Ratio	Lower	Upper
152	100		
150	140.5	114.0	171.0
115	62.6	48.1	72.1

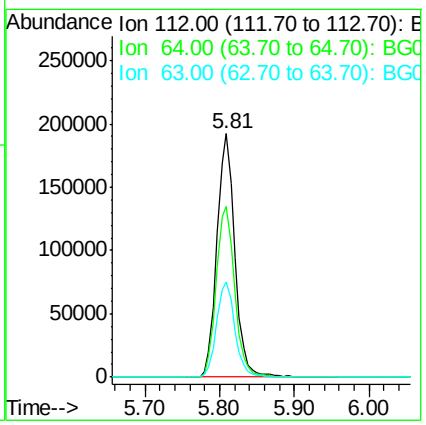


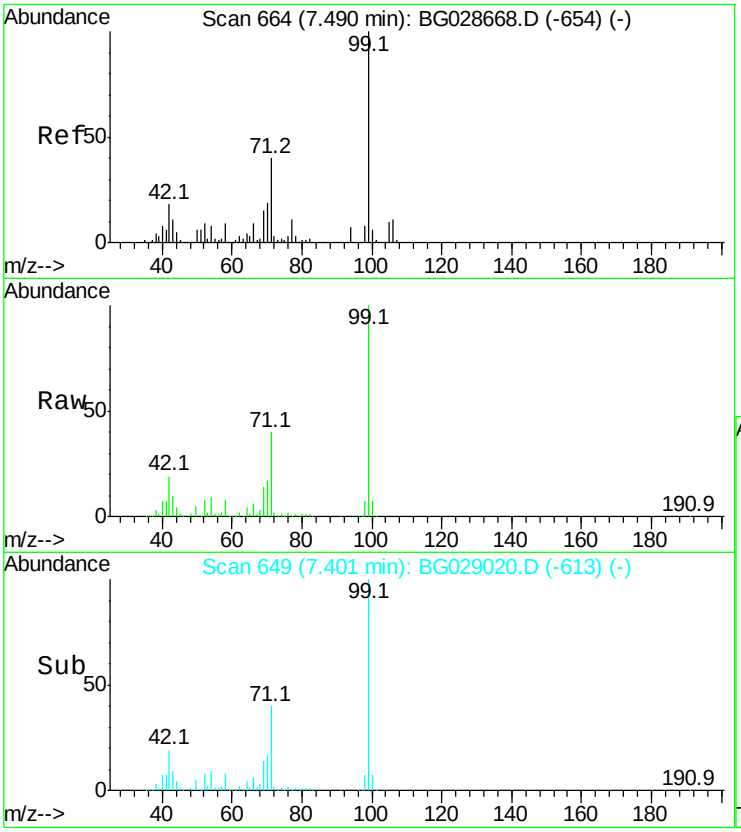


#5
2-Fluorophenol
Concen: 136.689 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Tgt Ion:112 Resp: 320075

Ion	Ratio	Lower	Upper
112	100		
64	70.3	61.8	92.6
63	38.9	37.2	55.8



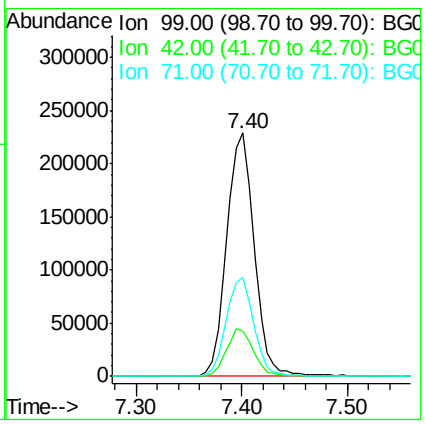


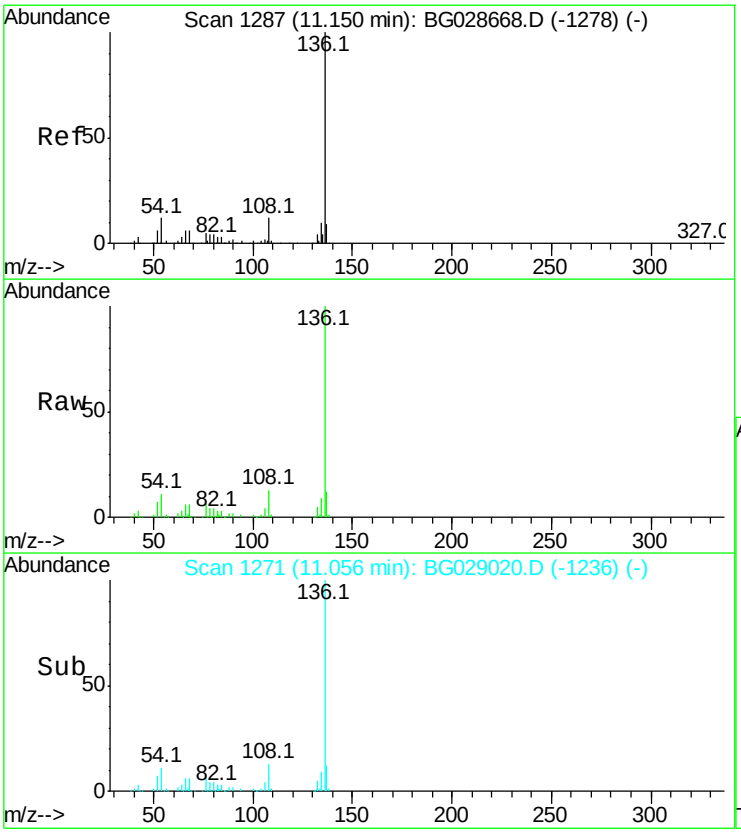
#7
Phenol-d6
Concen: 116.926 ng
RT: 7.40 min Scan# 649
Delta R.T. -0.09 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Instrument :
BNA_G
ClientSampleId :
PB102869BL

Tgt Ion: 99 Resp: 412235

Ion	Ratio	Lower	Upper
99	100		
42	18.7	20.5	30.7#
71	40.5	37.6	56.4

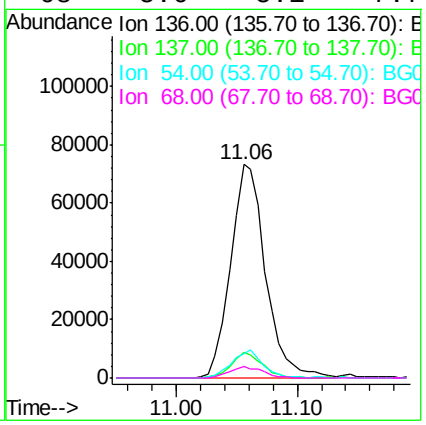


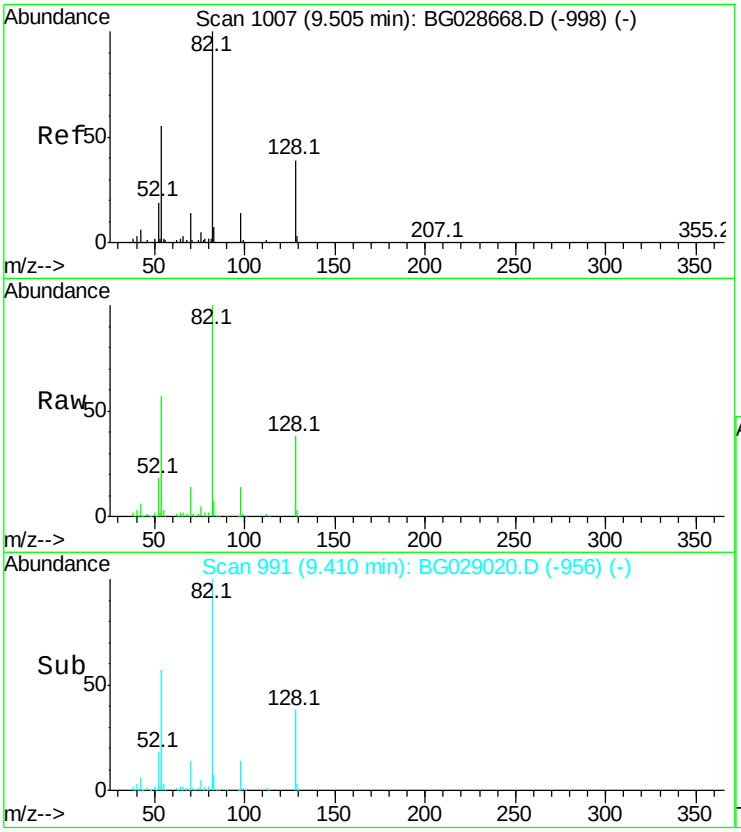


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Tgt Ion:136 Resp: 146970

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	11.1	9.3	13.9
68	5.6	5.1	7.7



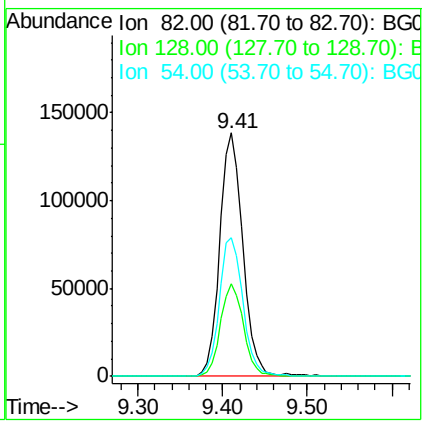


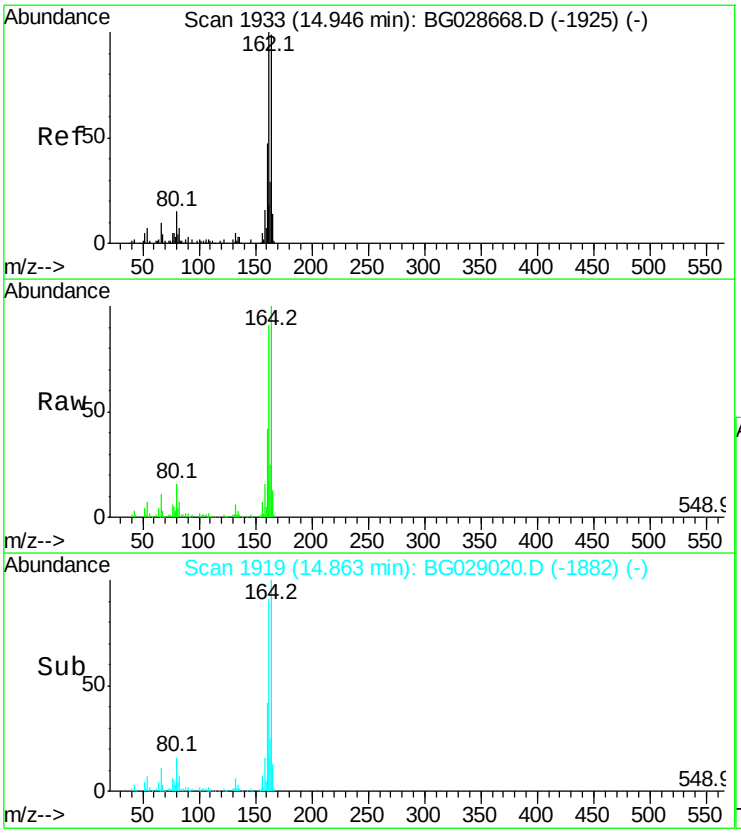
#23
Nitrobenzene-d5
Concen: 85.542 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Instrument :
BNA_G
ClientSampleId :
PB102869BL

Tgt Ion: 82 Resp: 262808

Ion	Ratio	Lower	Upper
82	100		
128	37.8	26.4	39.6
54	57.1	49.4	74.2

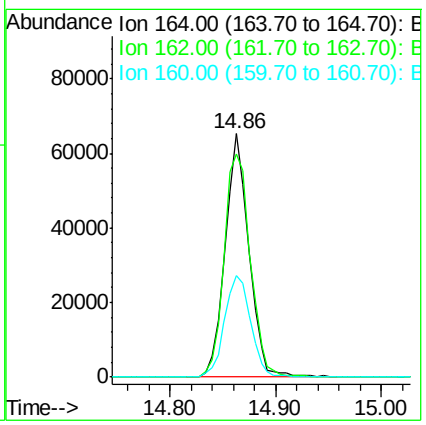


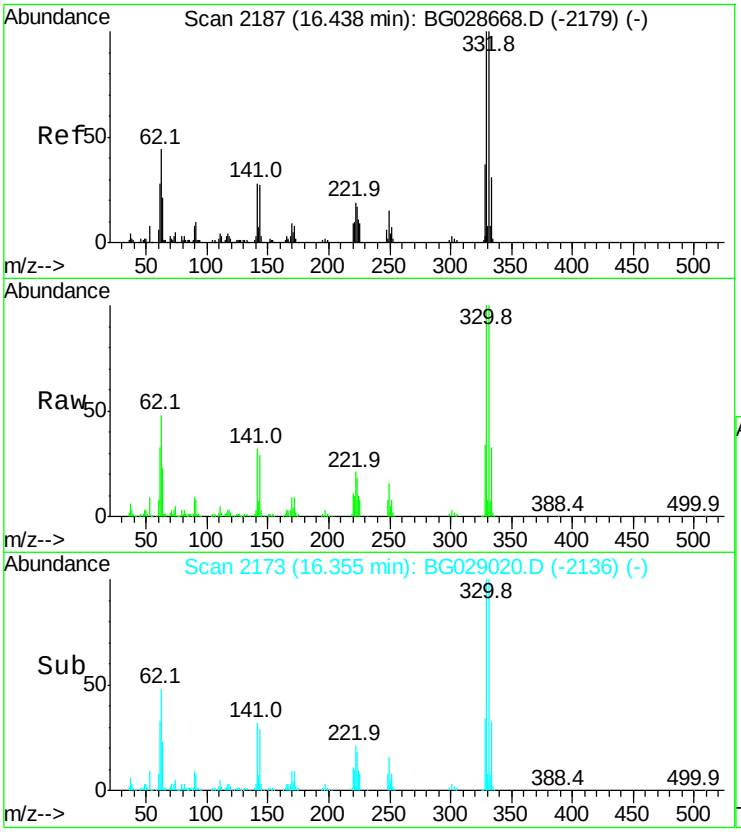


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.86 min Scan# 1919
Delta R.T. -0.08 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Tgt Ion:164 Resp: 101025

Ion	Ratio	Lower	Upper
164	100		
162	91.4	85.1	127.7
160	41.7	34.7	52.1



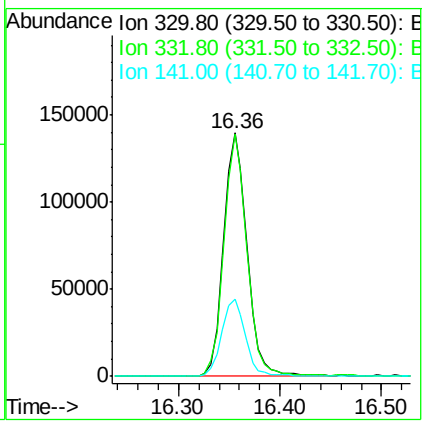


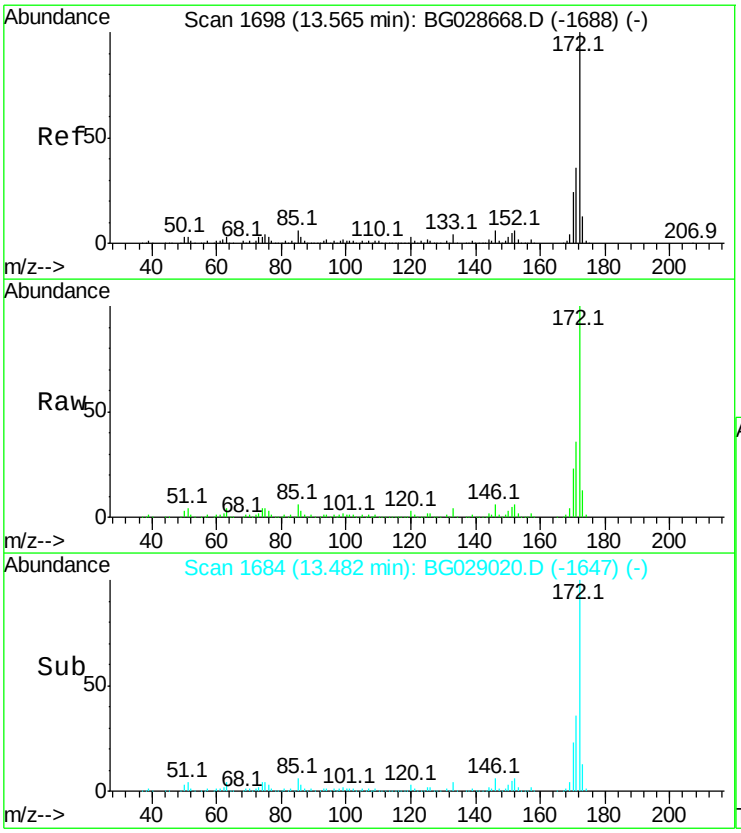
#41
2,4,6-Tribromophenol
Concen: 134.398 ng
RT: 16.36 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Instrument :
BNA_G
ClientSampleId :
PB102869BL

Tgt Ion:330 Resp: 224564

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	32.1	32.1	48.1#

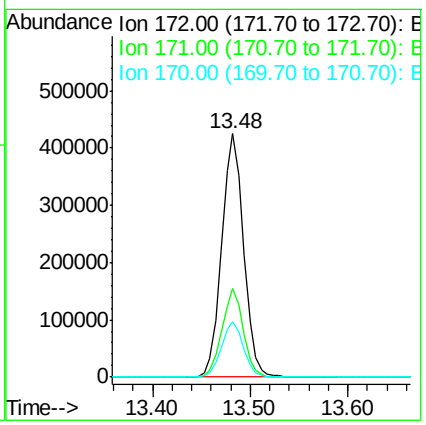


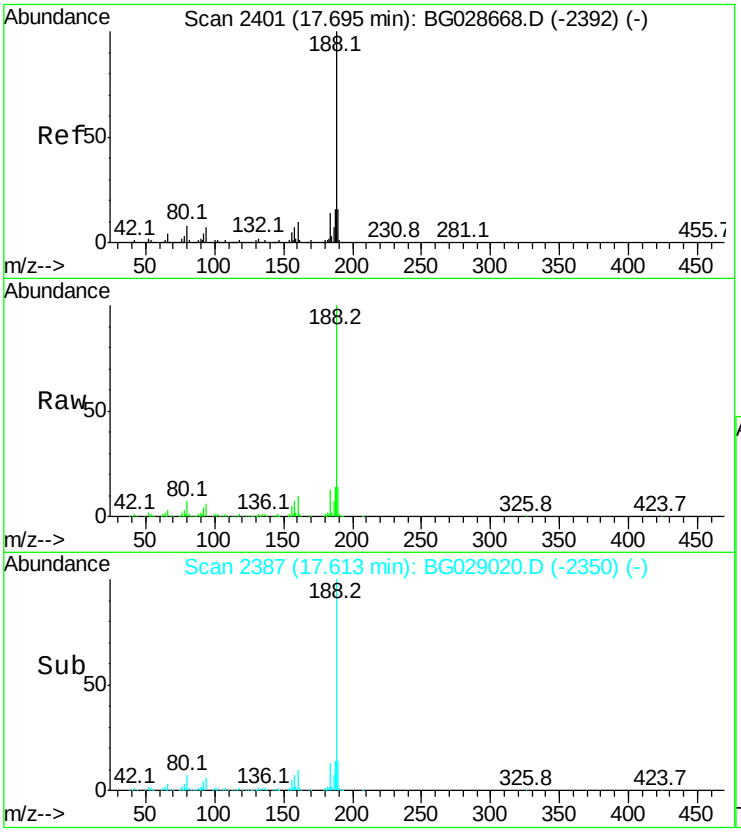


#44
2-Fluorobiphenyl
Concen: 87.155 ng
RT: 13.48 min Scan# 1684
Delta R.T. -0.08 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Tgt Ion:172 Resp: 660318

Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	22.7	21.8	32.6



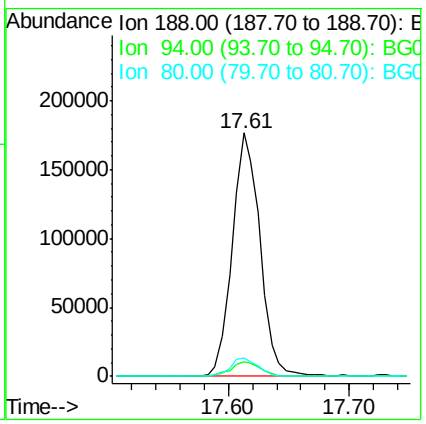


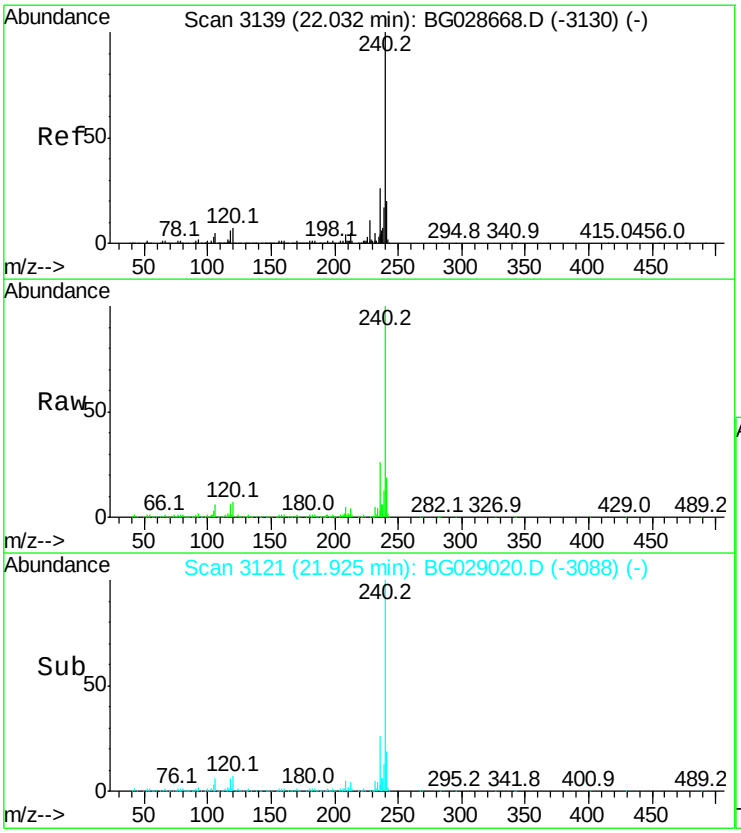
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Instrument :
BNA_G
ClientSampleId :
PB102869BL

Tgt Ion:188 Resp: 282547

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.8	8.8
80	7.4	7.5	11.3#

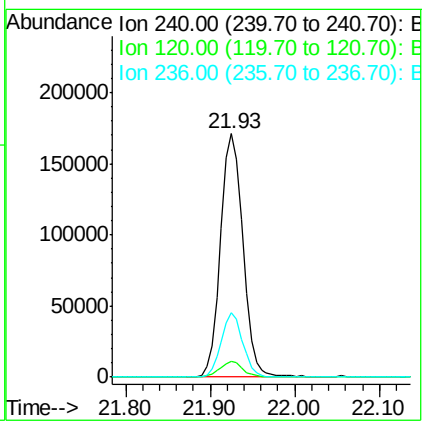


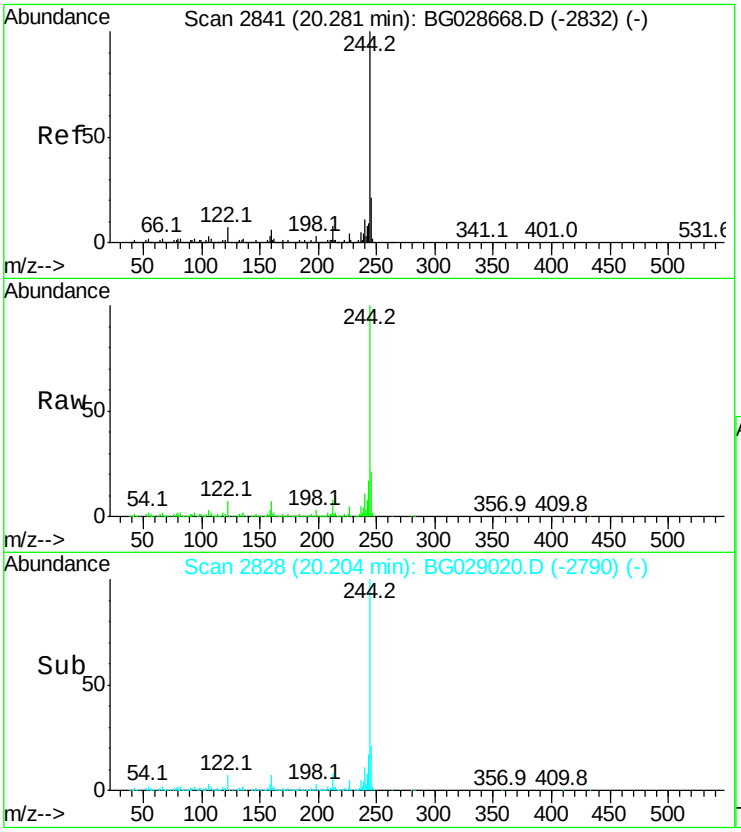


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.93 min Scan# 3121
Delta R.T. -0.11 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Tgt Ion:240 Resp: 315519

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.7	8.5
236	26.4	22.2	33.4



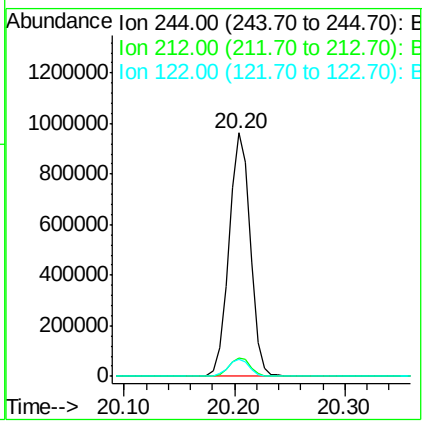


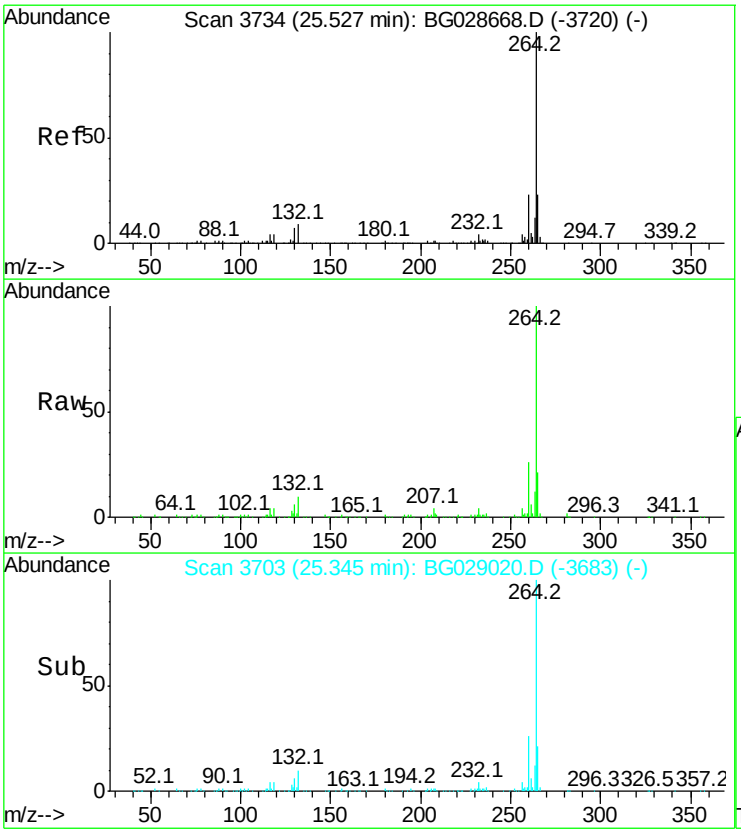
#78
Terphenyl-d14
Concen: 87.779 ng
RT: 20.20 min Scan# 2828
Delta R.T. -0.08 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Instrument : BNA_G
ClientSampleId : PB102869BL

Tgt Ion:244 Resp: 1298715

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	7.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.34 min Scan# 3703
Delta R.T. -0.18 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Tgt Ion:264 Resp: 301000

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.8	32.8
265	20.6	18.2	27.4