Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG037007.D
Acq On : 27 Sep 2018 8:09
Operator : JU/SJ
Sample : J5081-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Time: Sep 27 11:08:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42455	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	167843	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	105881	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	270646	20.00	ng	0.00
75) Chrysene-d12	21.68	240	292013	20.00	ng	-0.01
86) Perylene-d12	24.88	264	276647	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	268090	121.10	ng	0.00
7) Phenol-d6	7.20	99	329351	96.16	ng	-0.01
23) Nitrobenzene-d5	9.20	82	288825	92.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	145513	114.87	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	606595	85.33	ng	-0.01
78) Terphenyl-d14	20.02	244	1084658	97.67	ng	0.00

Target Compounds	Qvalue

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

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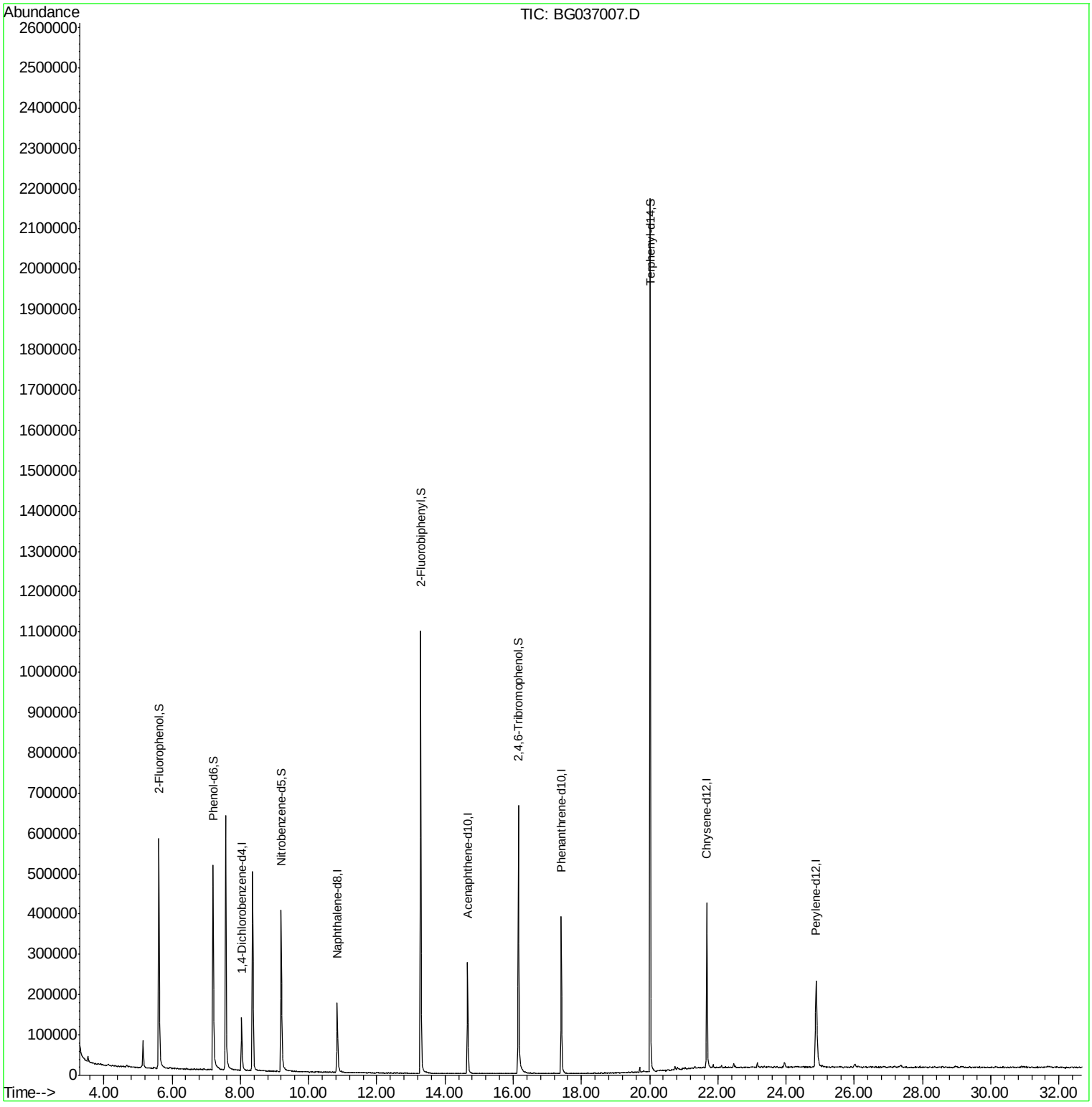
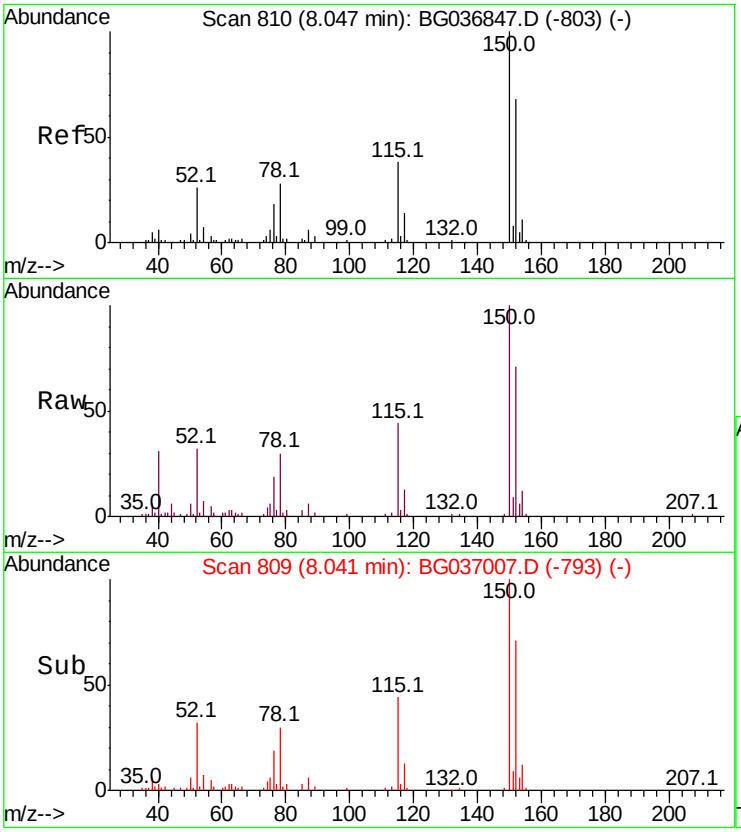


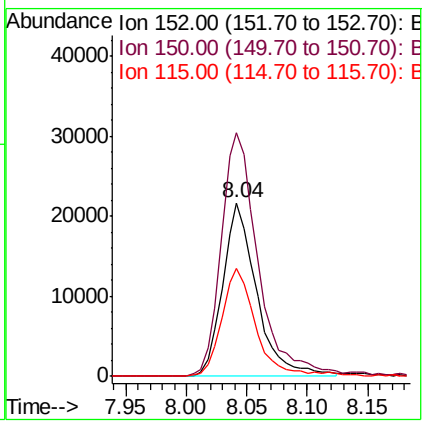


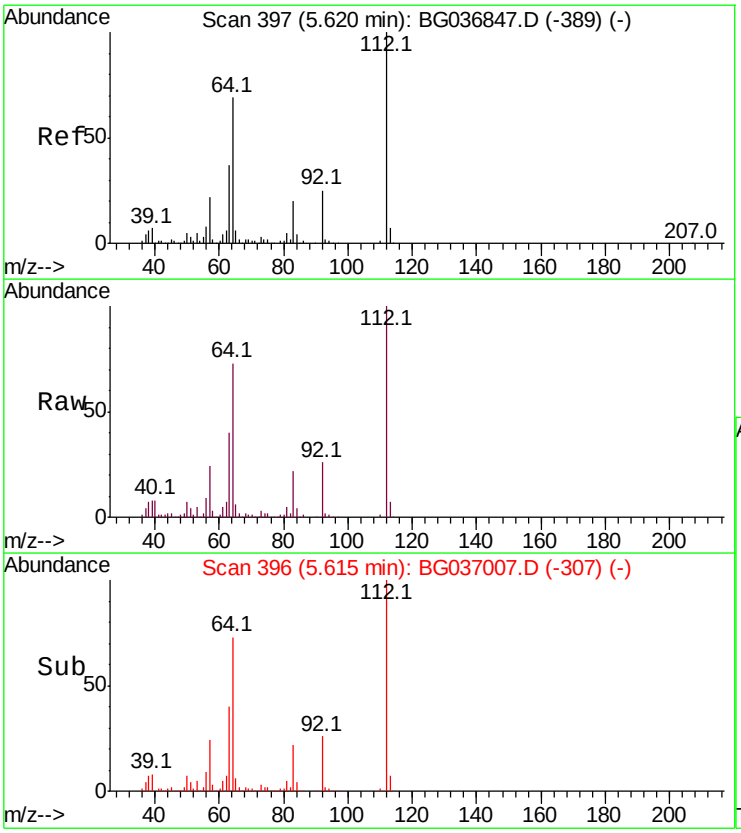
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:152 Resp: 42455

Ion	Ratio	Lower	Upper
152	100		
150	140.4	119.5	179.3
115	62.3	44.5	66.7

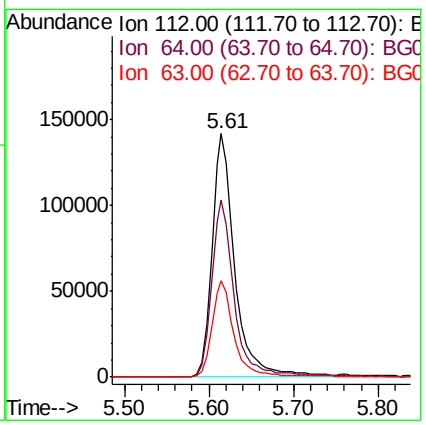


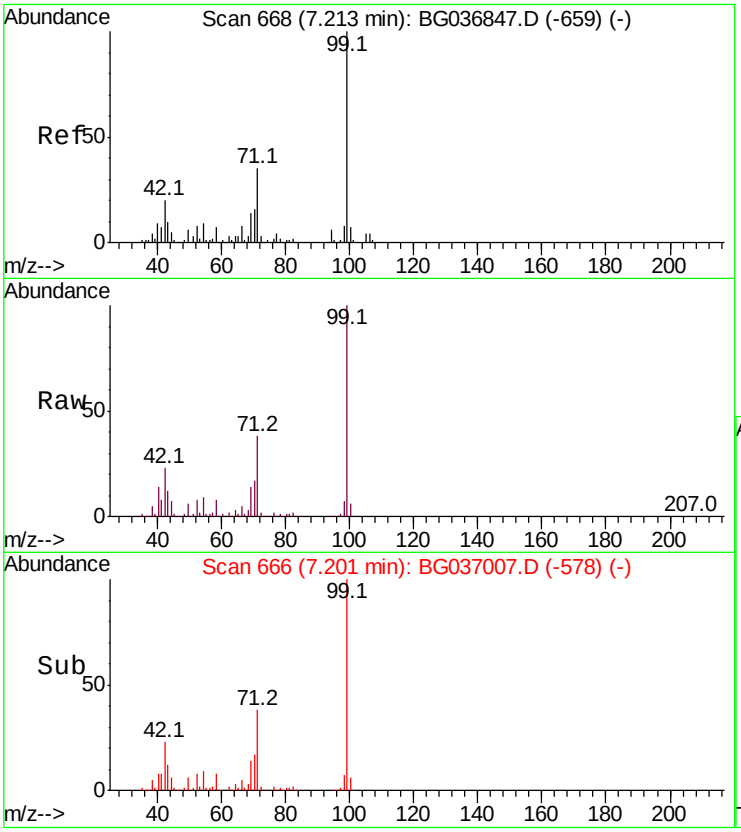


#5
2-Fluorophenol
Concen: 121.102 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Tgt Ion:112 Resp: 268090

Ion	Ratio	Lower	Upper
112	100		
64	72.8	57.2	85.8
63	39.6	30.8	46.2



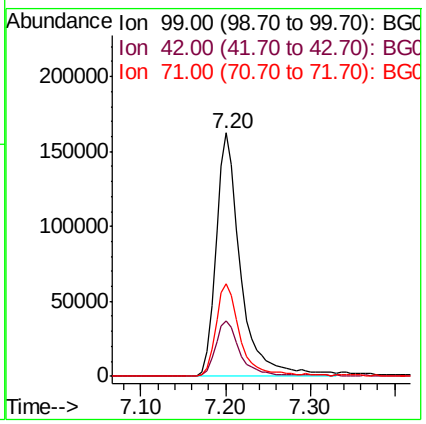


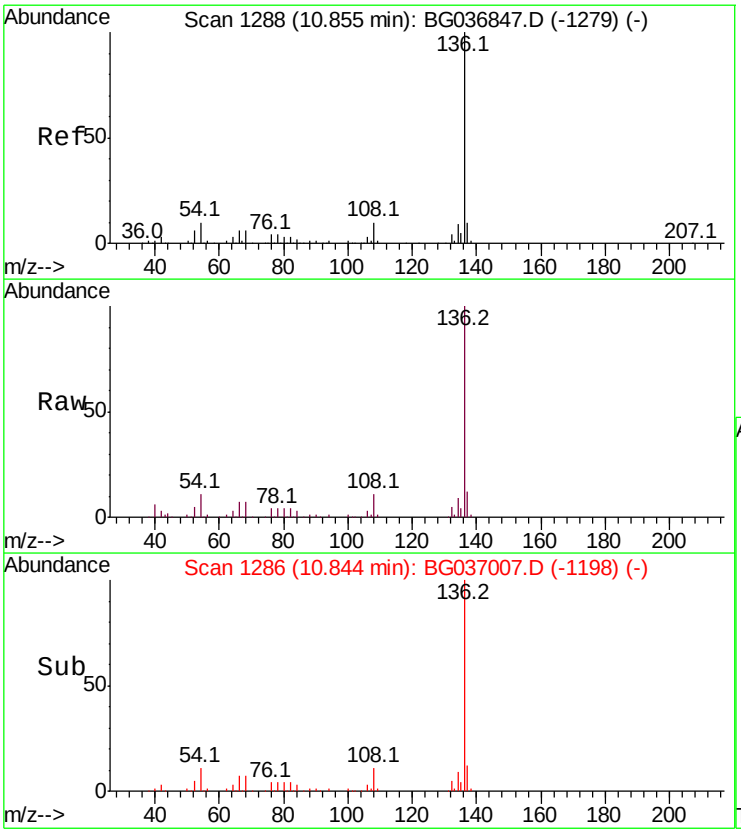
#7
Phenol-d6
Concen: 96.159 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion: 99 Resp: 329351

Ion	Ratio	Lower	Upper
99	100		
42	22.9	16.5	24.7
71	38.0	29.4	44.2

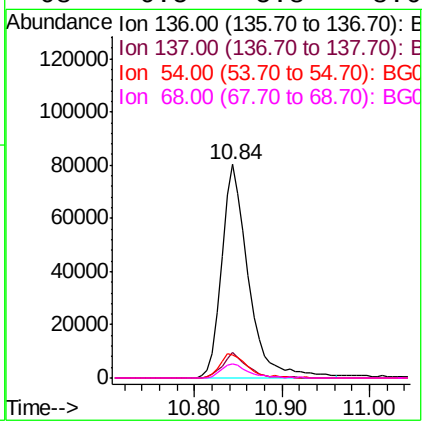


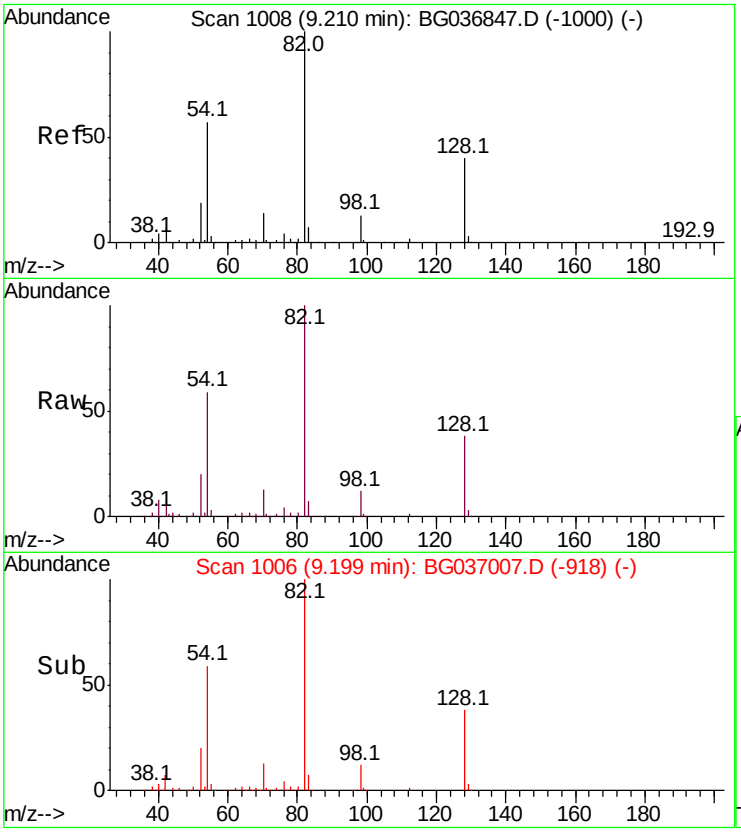


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Tgt Ion:136 Resp: 167843

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	10.7	9.2	13.8
68	6.5	5.8	8.6



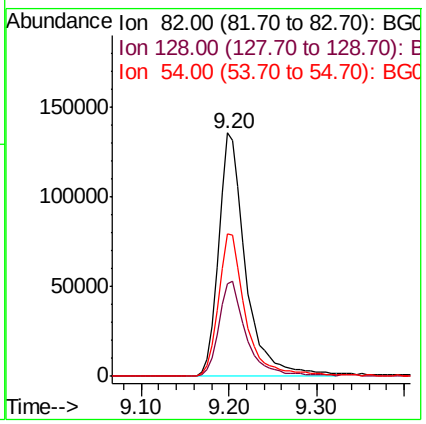


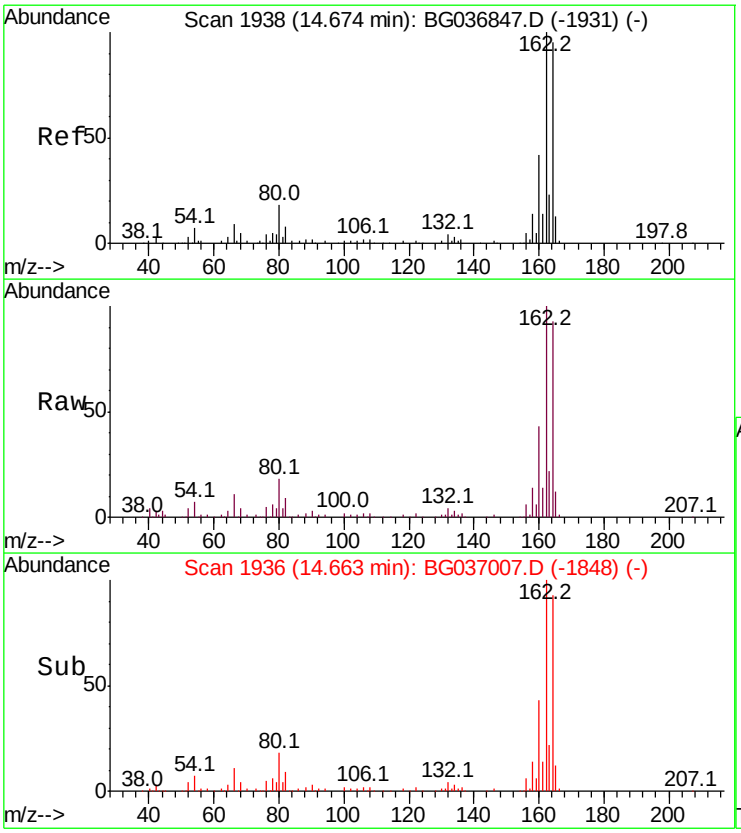
#23
Nitrobenzene-d5
Concen: 92.151 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion: 82 Resp: 288825

Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.3	49.9
54	58.7	45.1	67.7

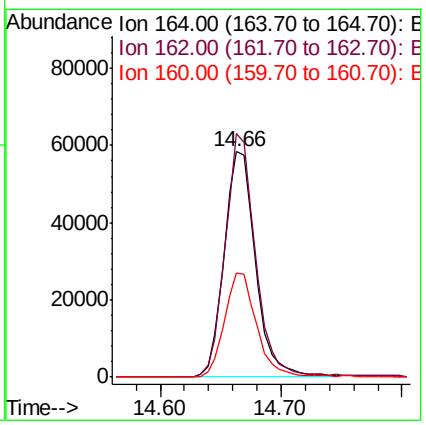


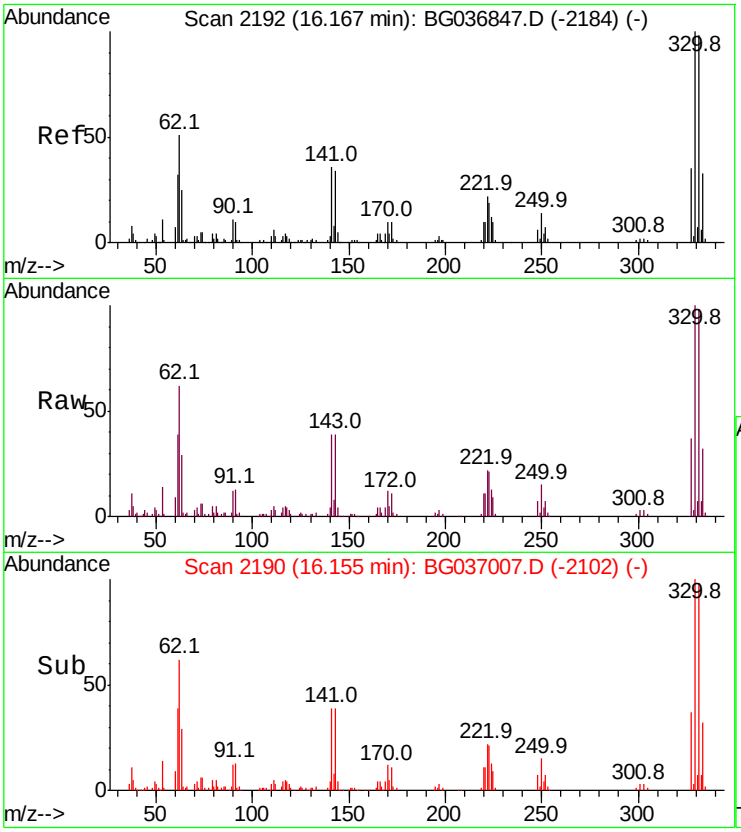


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Tgt Ion:164 Resp: 105881

Ion	Ratio	Lower	Upper
164	100		
162	108.0	80.7	121.1
160	46.0	35.3	52.9



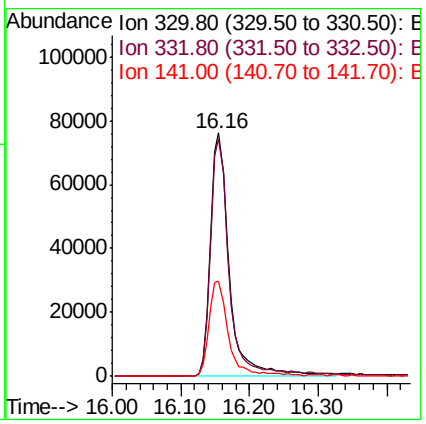


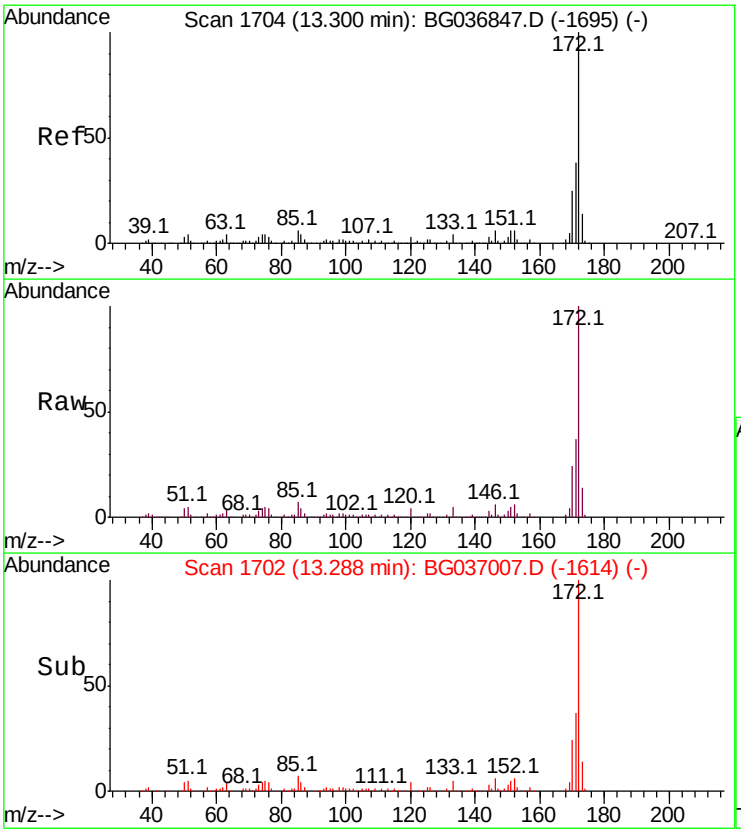
#41
2,4,6-Tribromophenol
Concen: 114.866 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:330 Resp: 145513

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.2
141	40.3	30.7	46.1

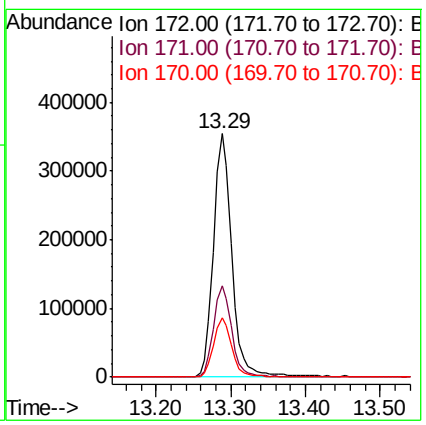


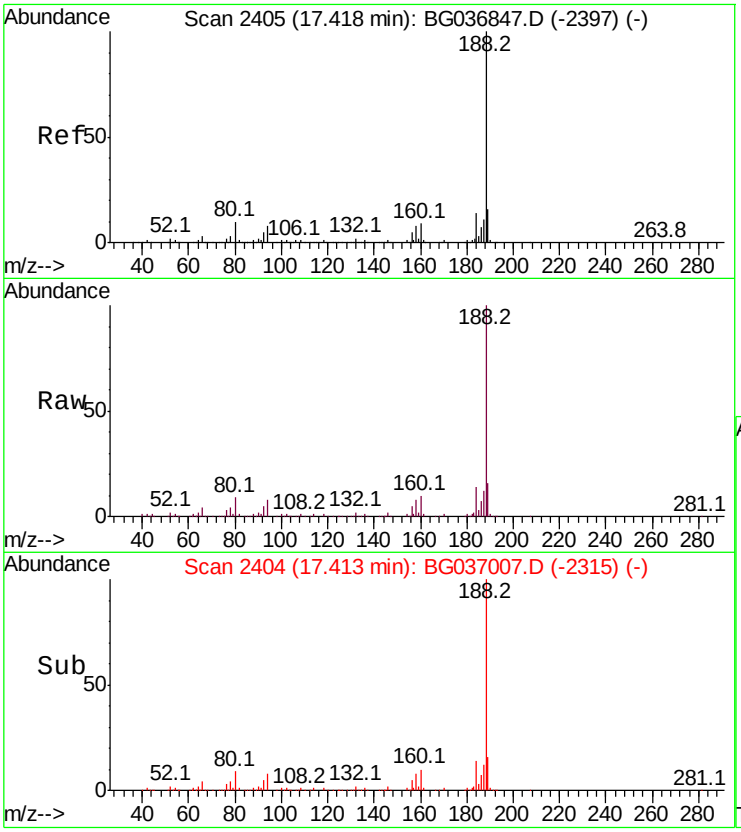


#44
2-Fluorobiphenyl
Concen: 85.328 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Tgt Ion:172 Resp: 606595

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.2	21.0	31.6



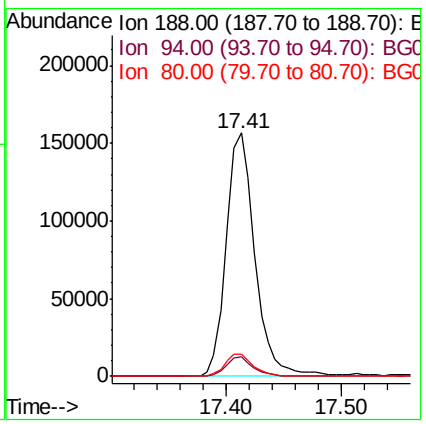


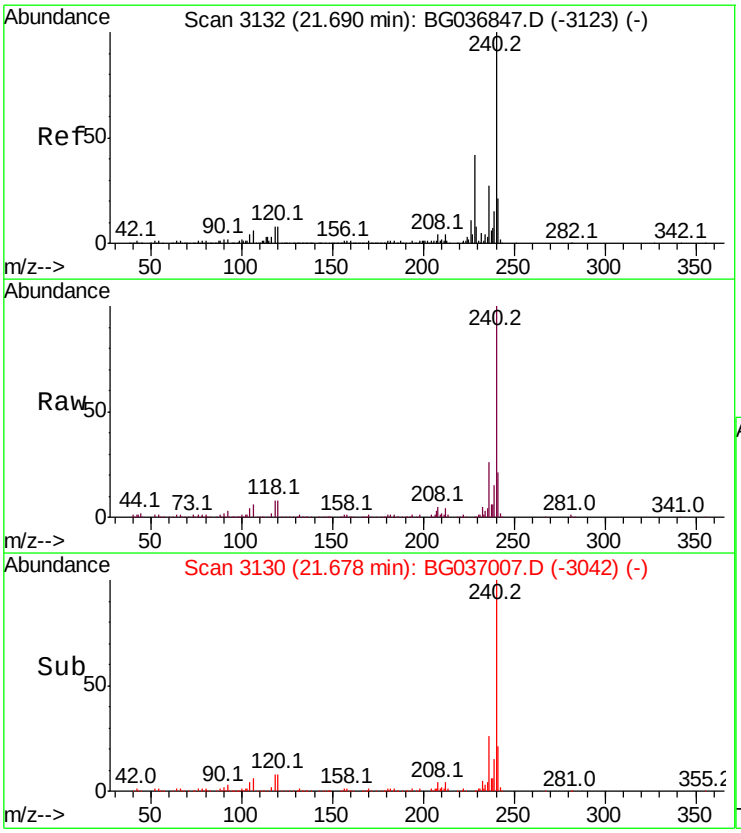
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:188 Resp: 270646

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.3	8.1	12.1

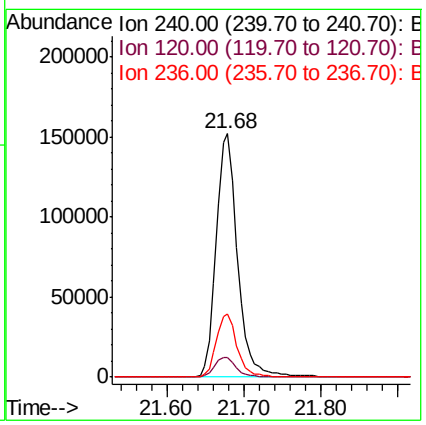


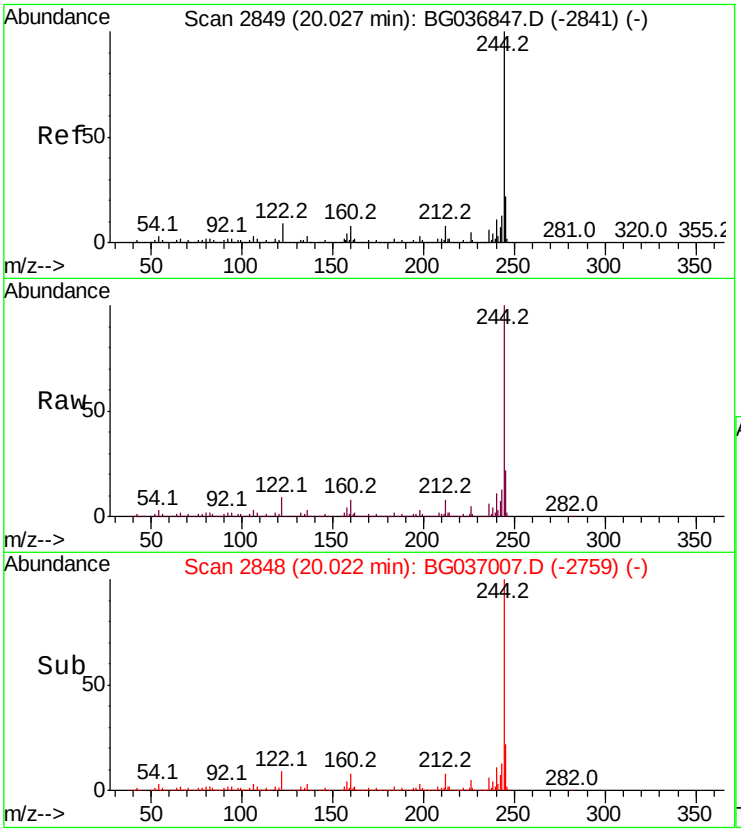


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Tgt Ion:240 Resp: 292013

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	25.8	21.2	31.8



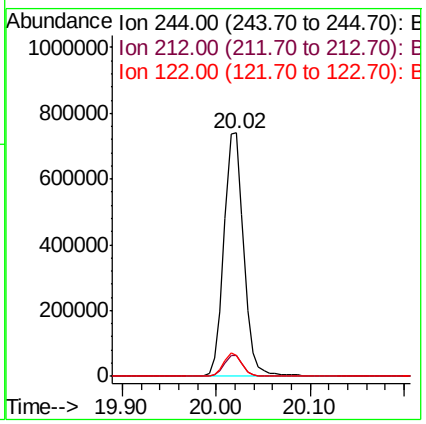


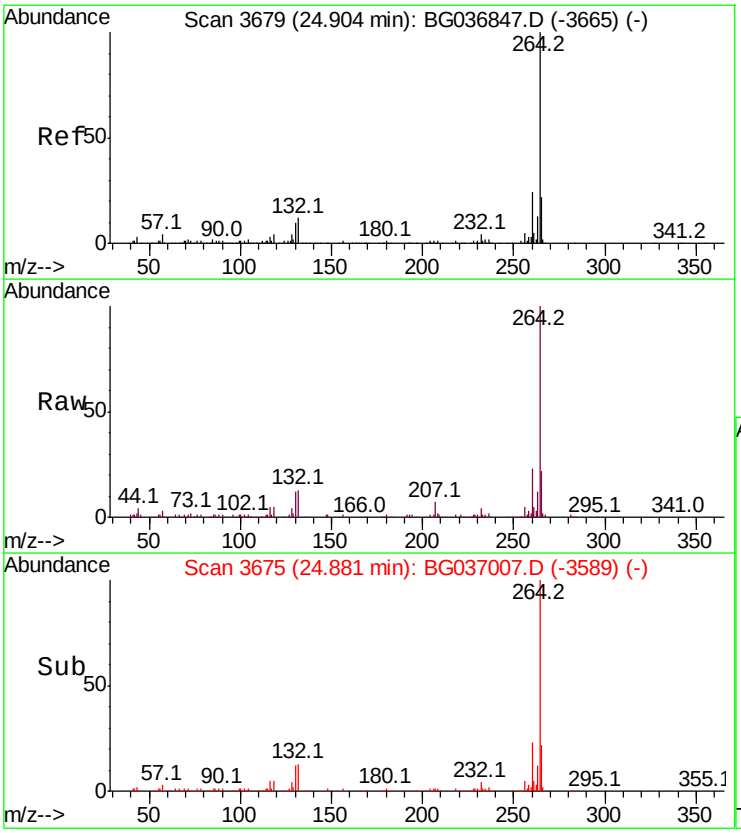
#78
Terphenyl-d14
Concen: 97.670 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:244 Resp: 1084658

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.7	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037007.D
Acq: 27 Sep 2018 8:09

Tgt Ion:264 Resp: 276647

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	22.3	17.4	26.0