Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038592.D
Acq On : 15 Dec 2018 6:57
Operator : JU/SJ
Sample : PB115587BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115587BL

Quant Time: Dec 16 00:18:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21853	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	88708	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57569	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	150276	20.00	ng	0.00
76) Chrysene-d12	21.72	240	165877	20.00	ng	0.00
87) Perylene-d12	25.02	264	173560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	145229	117.87	ng	0.00
7) Phenol-d6	7.21	99	192603	113.87	ng	0.00
23) Nitrobenzene-d5	9.23	82	124961	71.97	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	78234	98.61	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	301237	71.78	ng	0.00
79) Terphenyl-d14	20.04	244	616058	80.83	ng	0.00
Target Compounds						Qvalue

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

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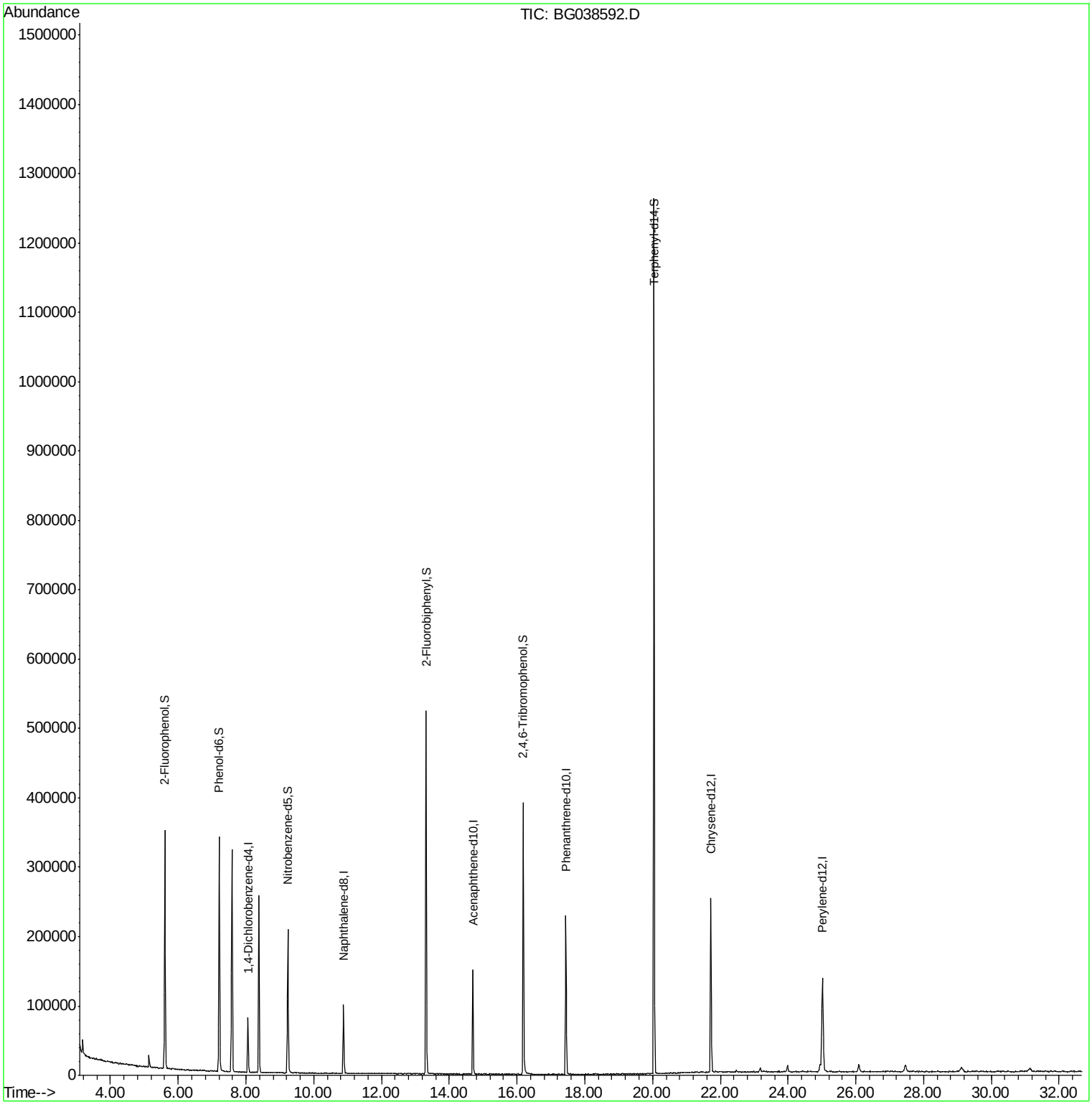
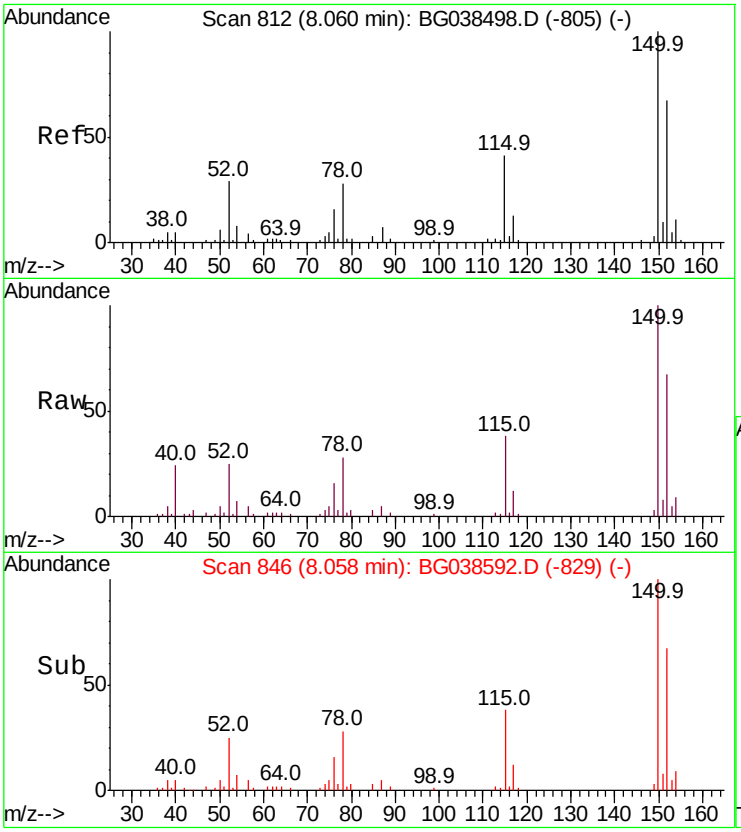


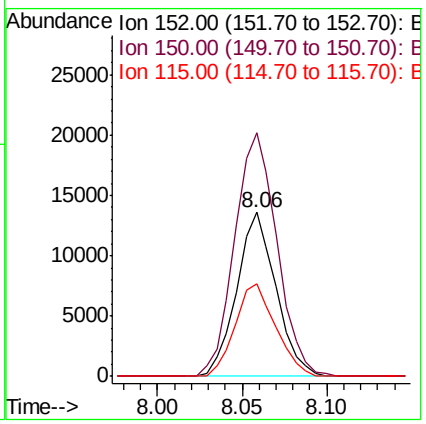


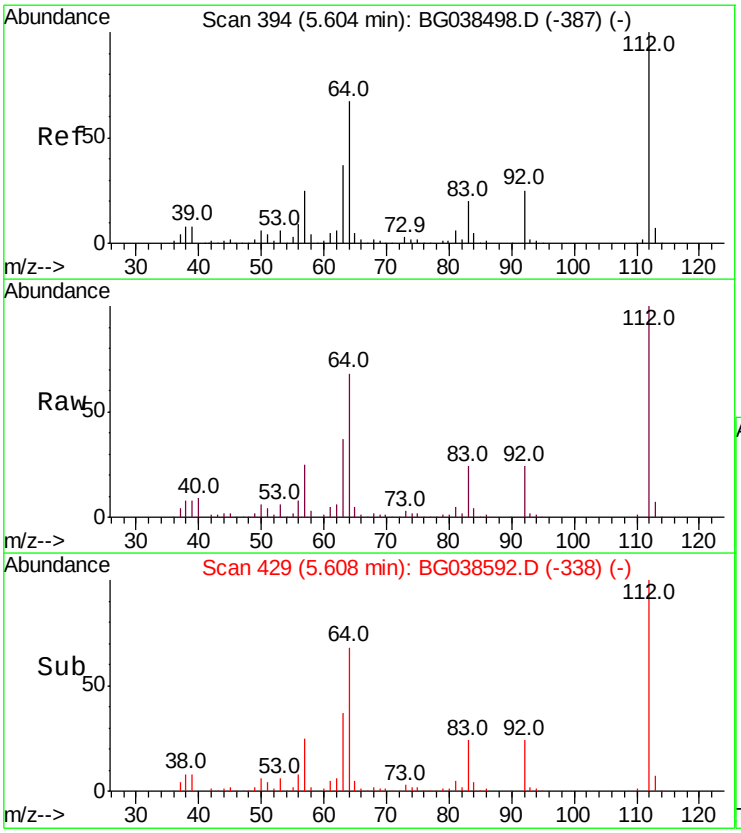
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
PB115587BL

Tgt Ion:152 Resp: 21853

Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.5	179.3
115	56.0	49.6	74.4

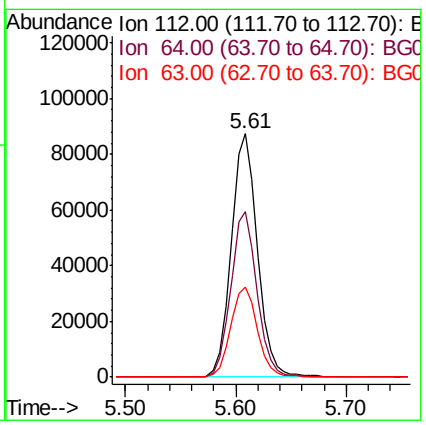


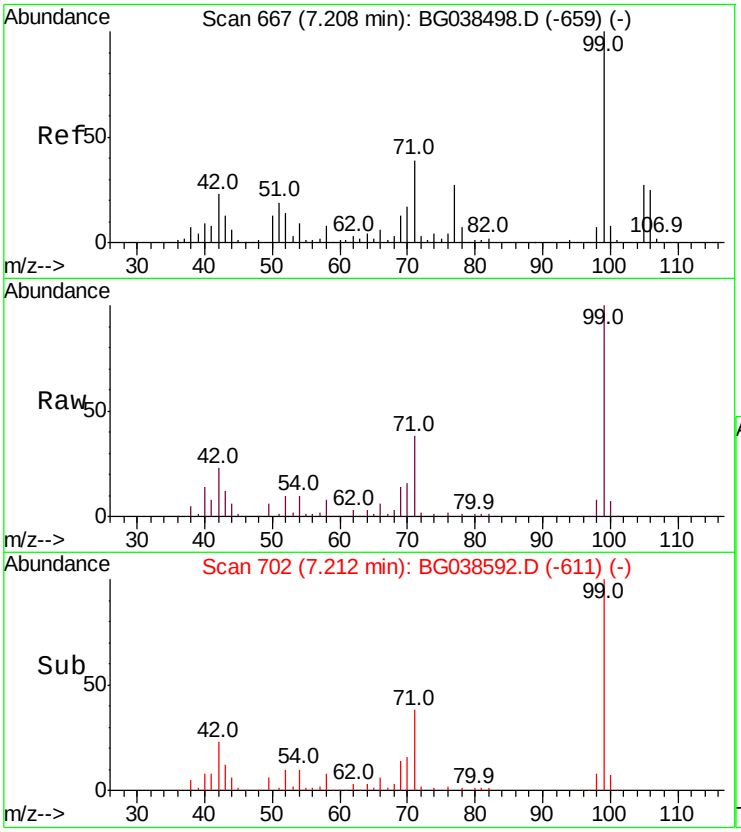


#5
2-Fluorophenol
Concen: 117.872 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Tgt Ion:112 Resp: 145229

Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.4	80.2
63	36.8	29.3	43.9



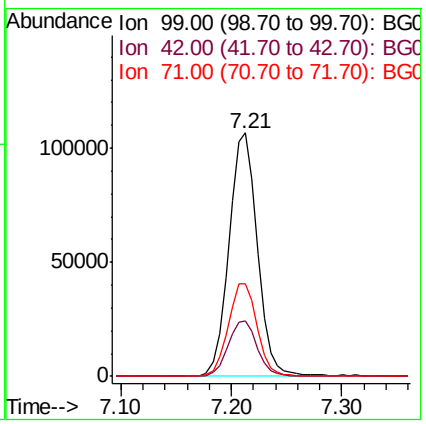


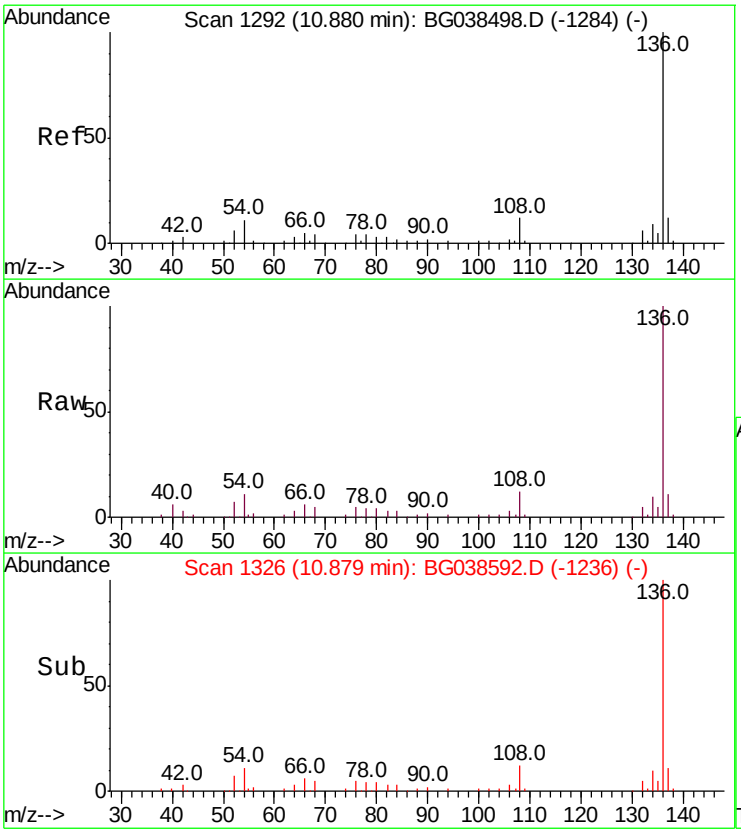
#7
Phenol-d6
Concen: 113.870 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
PB115587BL

Tgt Ion: 99 Resp: 192603

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.5	27.7
71	38.3	31.1	46.7

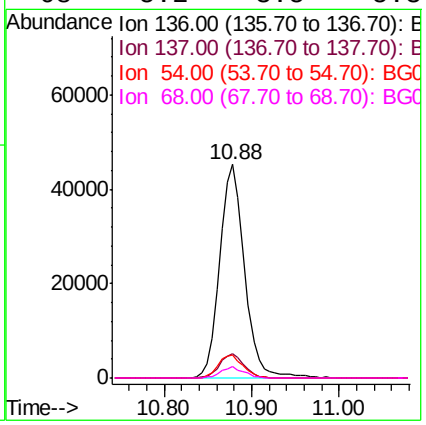


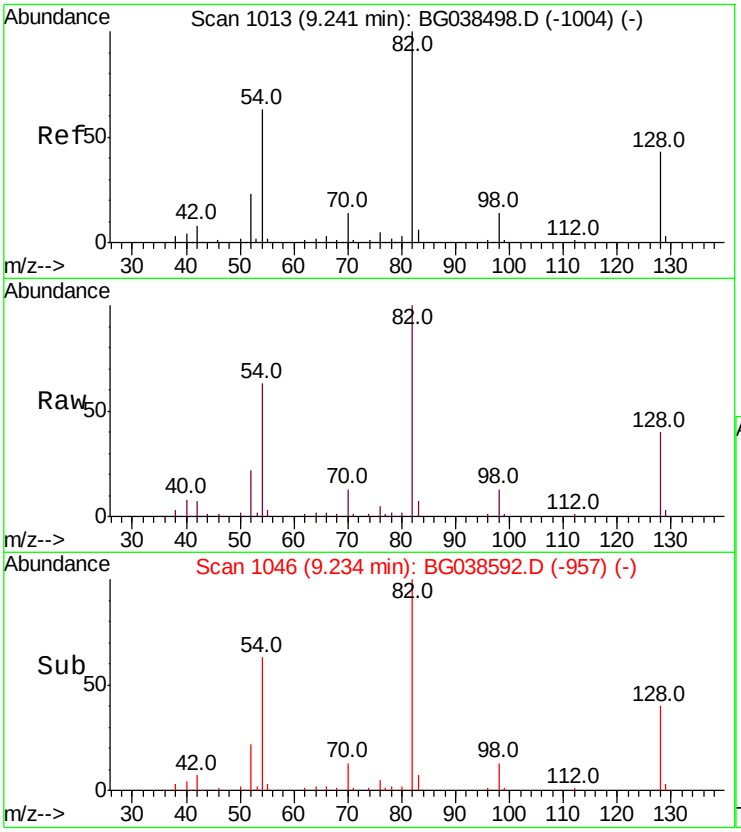


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Tgt Ion:136 Resp: 88708

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	11.1	8.5	12.7
68	5.2	3.5	5.3

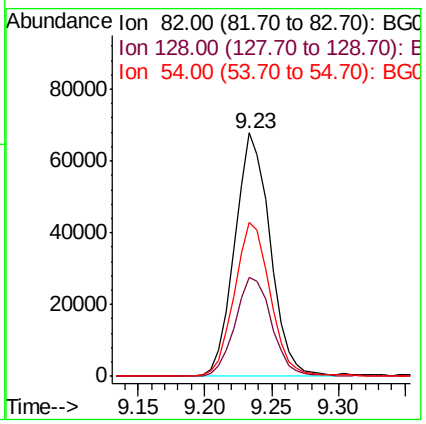




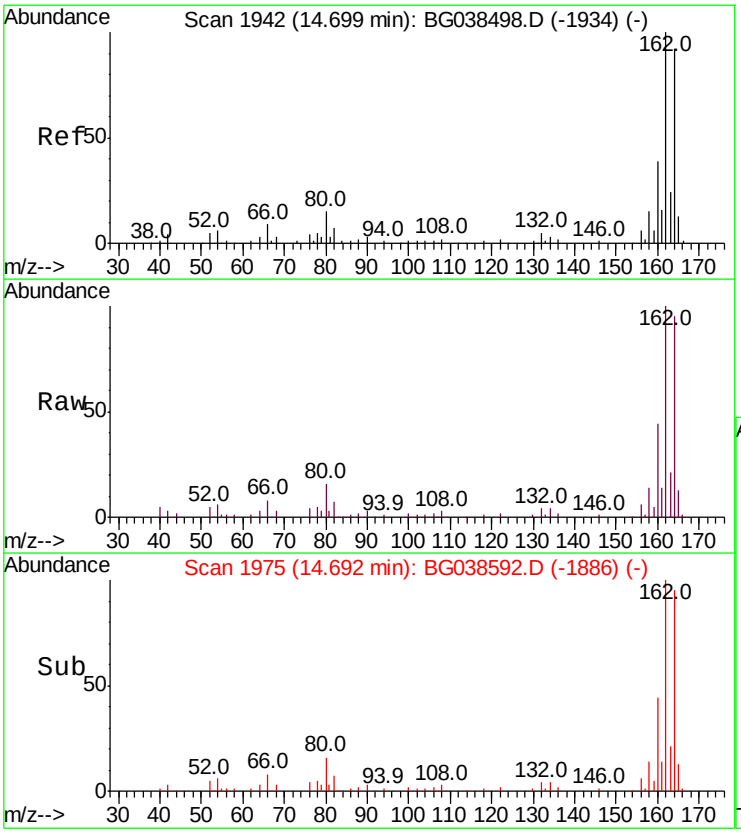
#23
Nitrobenzene-d5
Concen: 71.965 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Tgt Ion: 82 Resp: 124961

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	52.0
54	63.4	50.6	76.0



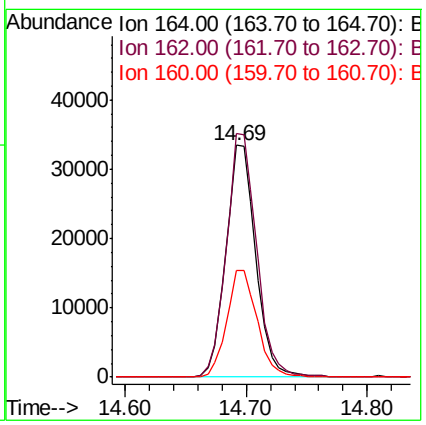
Instrument :
BNA_G
ClientSampleId :
PB115587BL

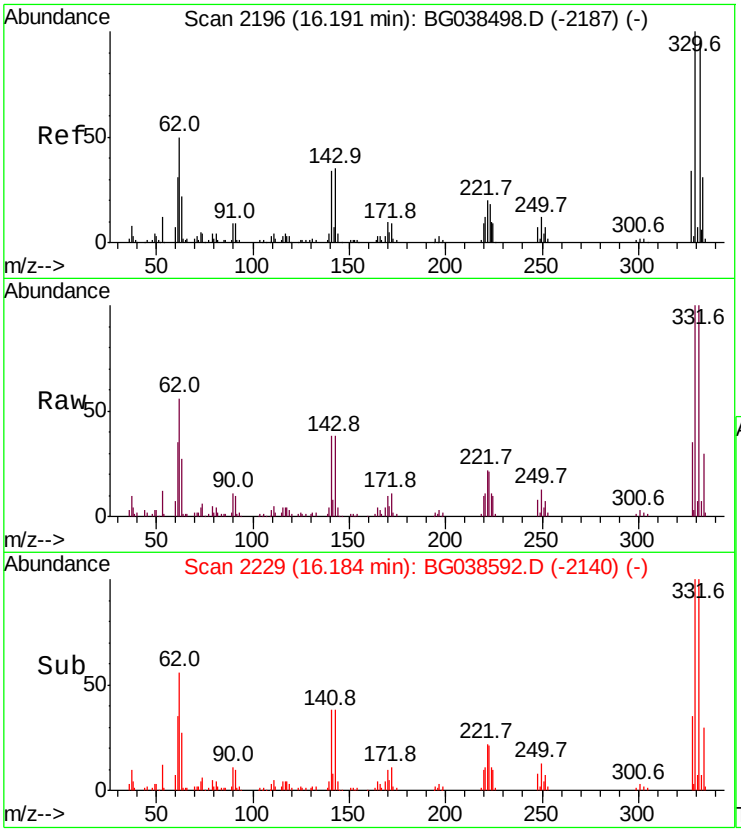


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Tgt Ion:164 Resp: 57569

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.6	130.0
160	46.1	34.2	51.2



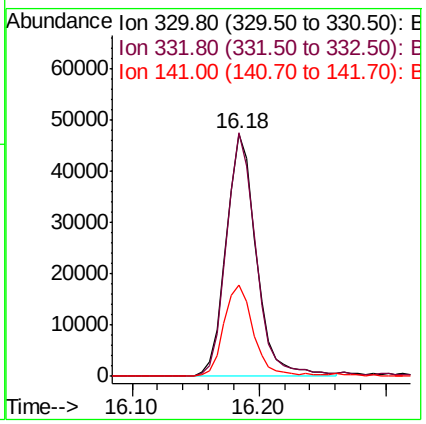


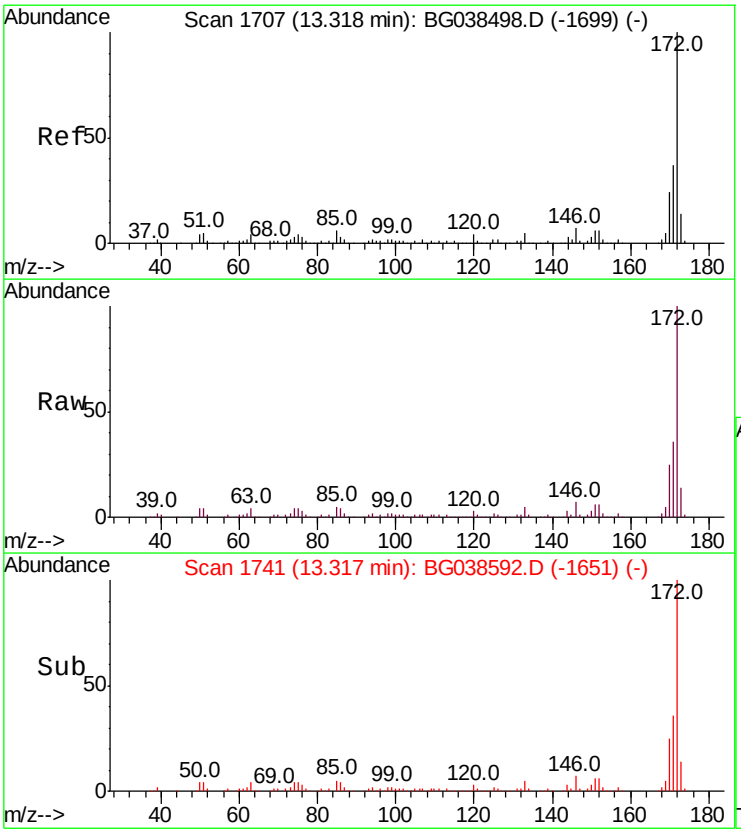
#42
2,4,6-Tribromophenol
Concen: 98.605 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
PB115587BL

Tgt Ion:330 Resp: 78234

Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.9	115.3
141	37.0	28.8	43.2

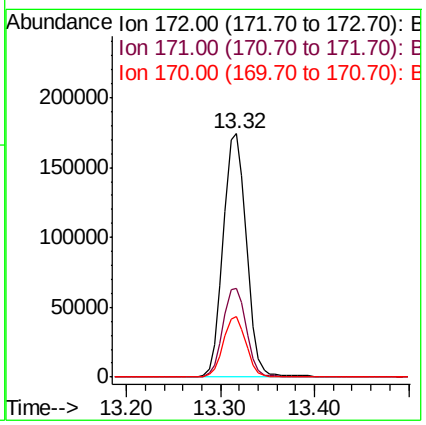


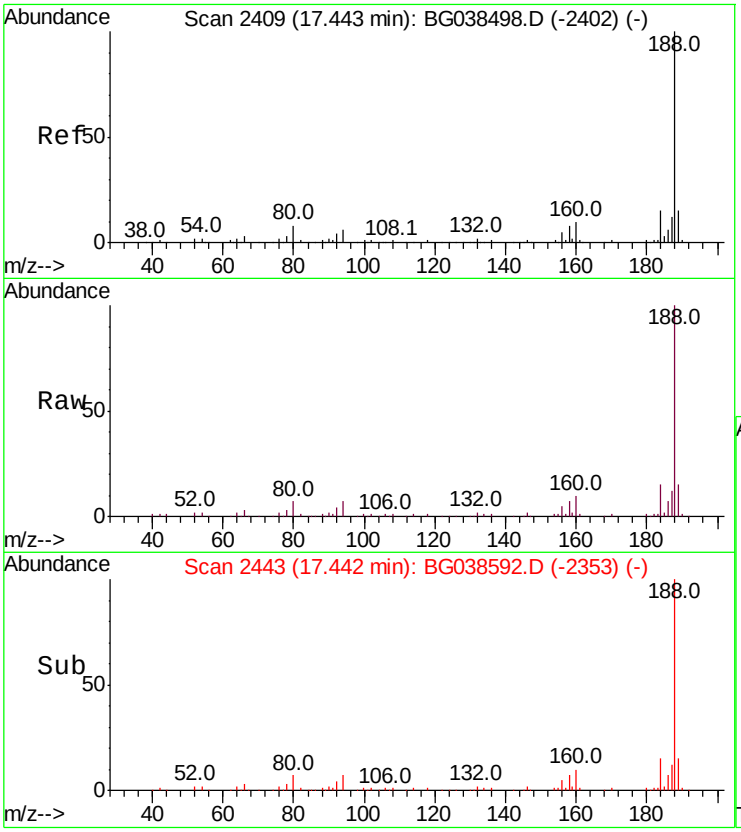


#45
2-Fluorobiphenyl
Concen: 71.784 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Tgt Ion:172 Resp: 301237

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.7	19.5	29.3



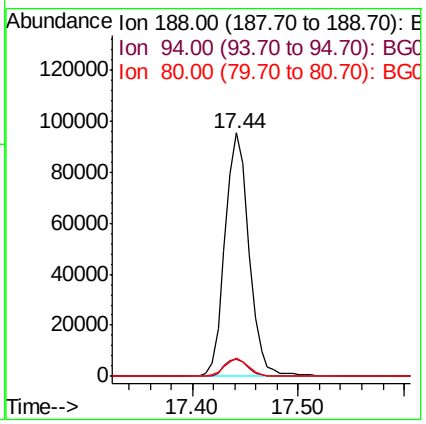


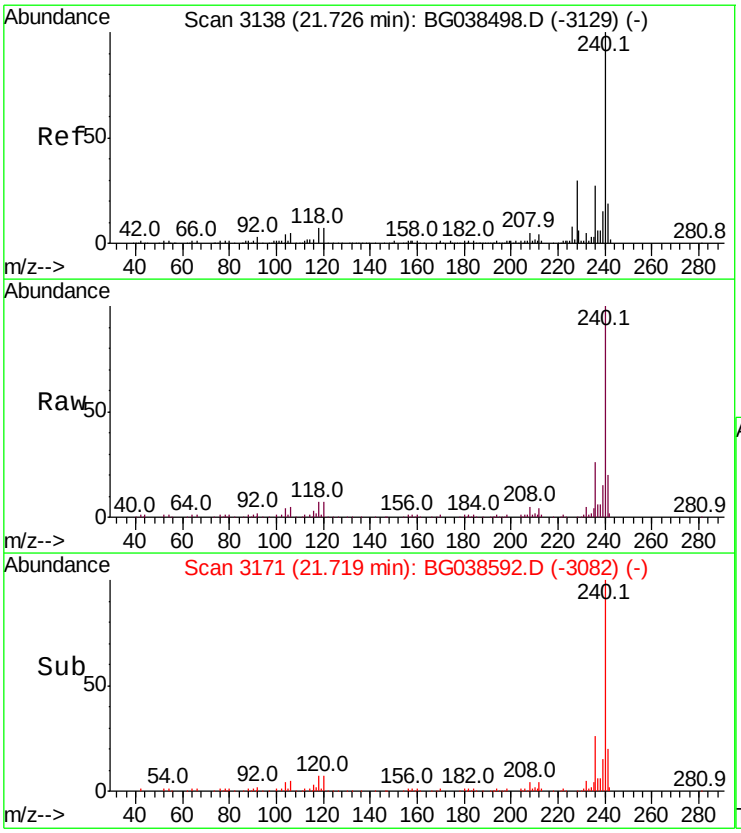
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
PB115587BL

Tgt Ion:188 Resp: 150276

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.1	7.7
80	7.4	6.1	9.1

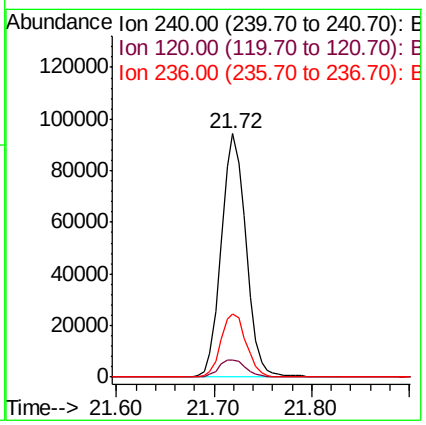


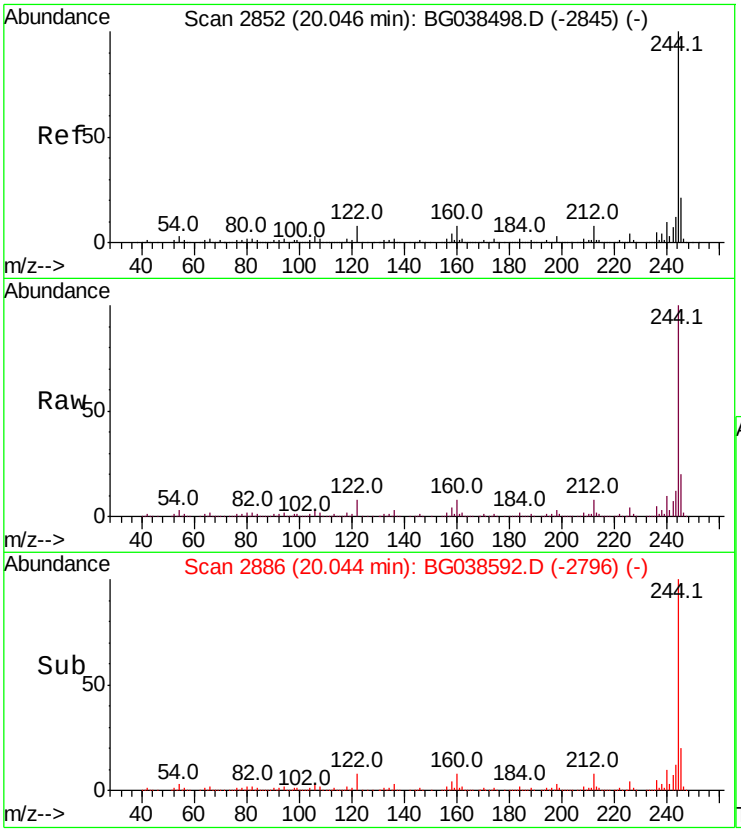


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Tgt Ion:240 Resp: 165877

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.3	7.9
236	25.9	21.4	32.2



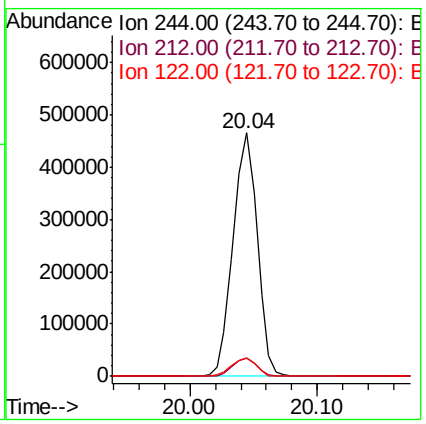


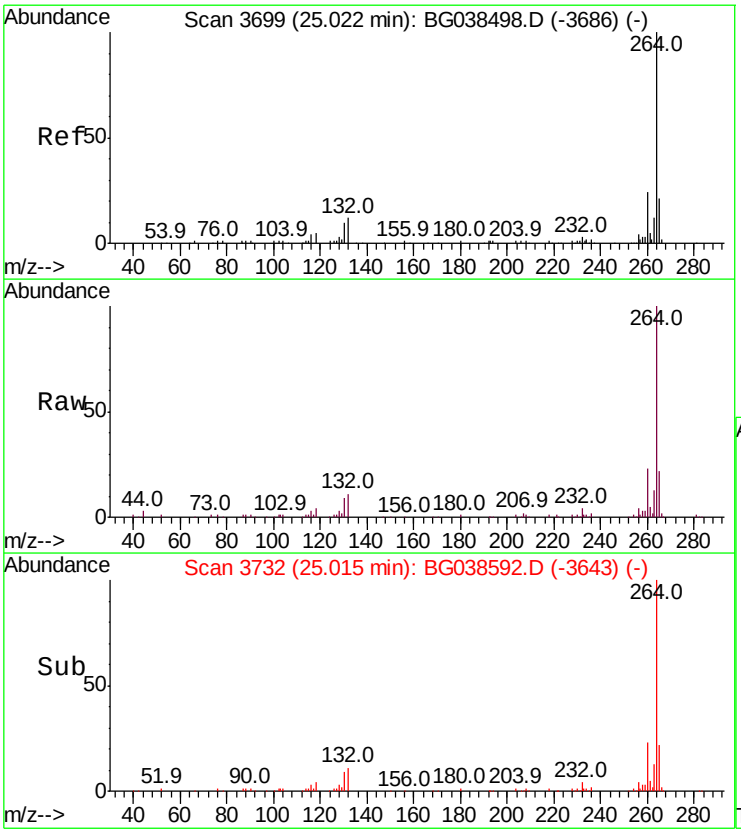
#79
Terphenyl-d14
Concen: 80.828 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Instrument :
BNA_G
ClientSampleId :
PB115587BL

Tgt Ion:244 Resp: 616058

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	7.5	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038592.D
Acq: 15 Dec 2018 6:57

Tgt Ion:264 Resp: 173560

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	22.1	17.0	25.4