Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037574.D
Acq On : 26 Oct 2018 10:39
Operator : JU/SJ
Sample : J5655-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0009

Quant Time: Oct 26 13:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52336	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	230387	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	160582	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	392385	20.00	ng	0.00
76) Chrysene-d12	21.77	240	354086	20.00	ng	0.00
87) Perylene-d12	25.10	264	341739	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	193119	61.69	ng	0.00
7) Phenol-d6	7.24	99	176649	37.32	ng	0.00
23) Nitrobenzene-d5	9.28	82	347452	84.48	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	214485	122.46	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	838970	78.78	ng	0.00
79) Terphenyl-d14	20.08	244	1310977	79.11	ng	0.00
Target Compounds						Qvalue

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

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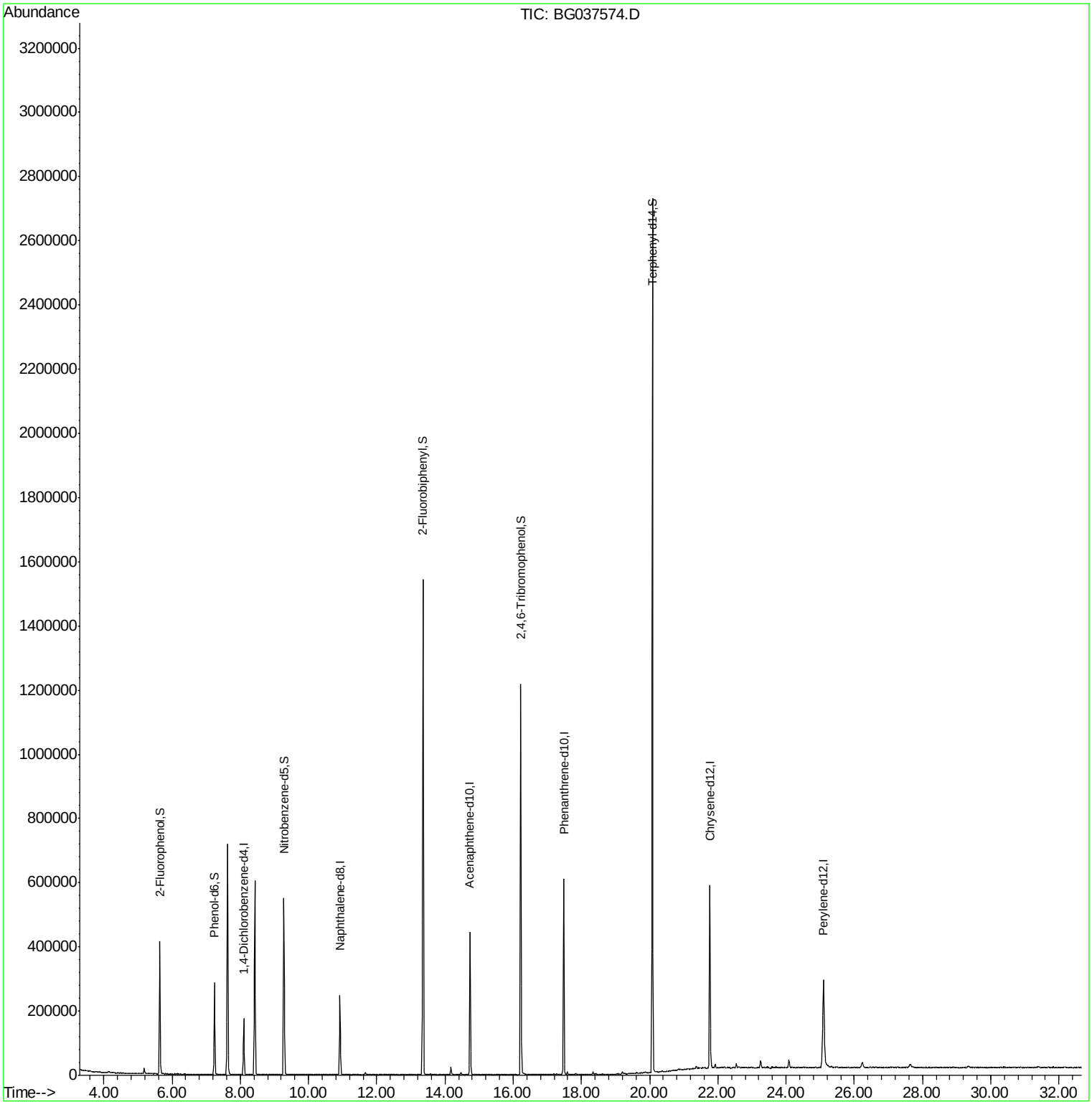
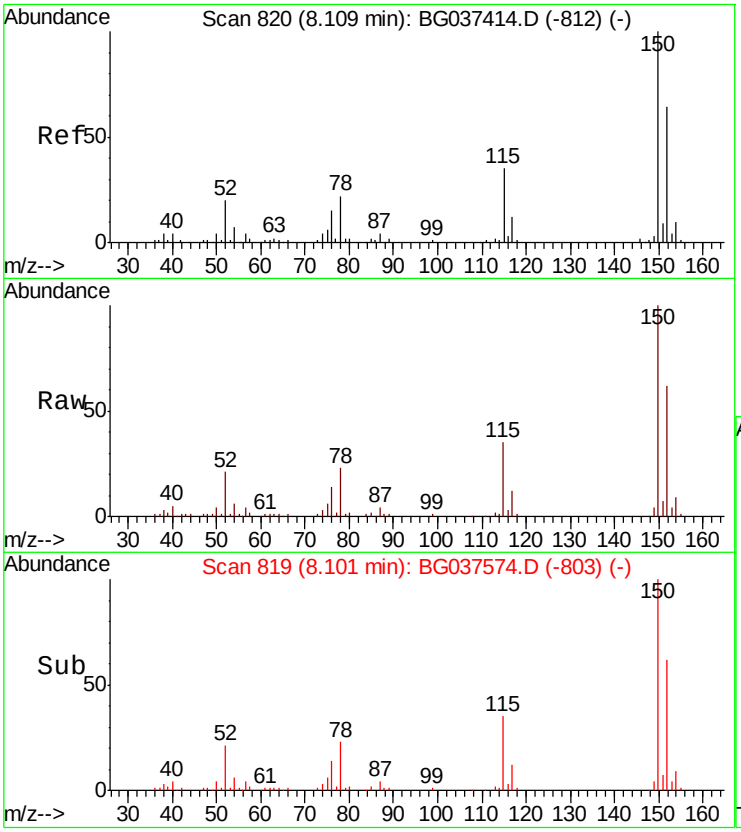


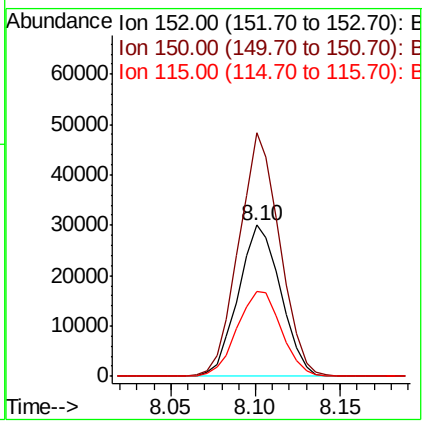


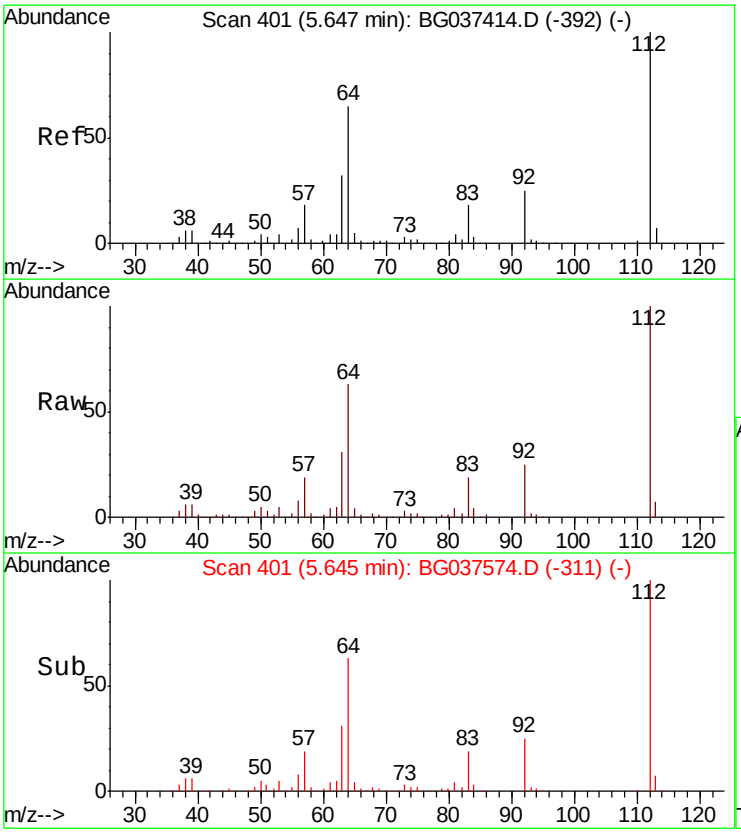
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion:152 Resp: 52336

Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.0	189.0
115	56.4	45.5	68.3

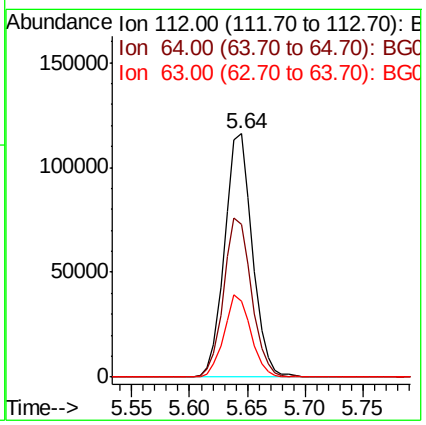


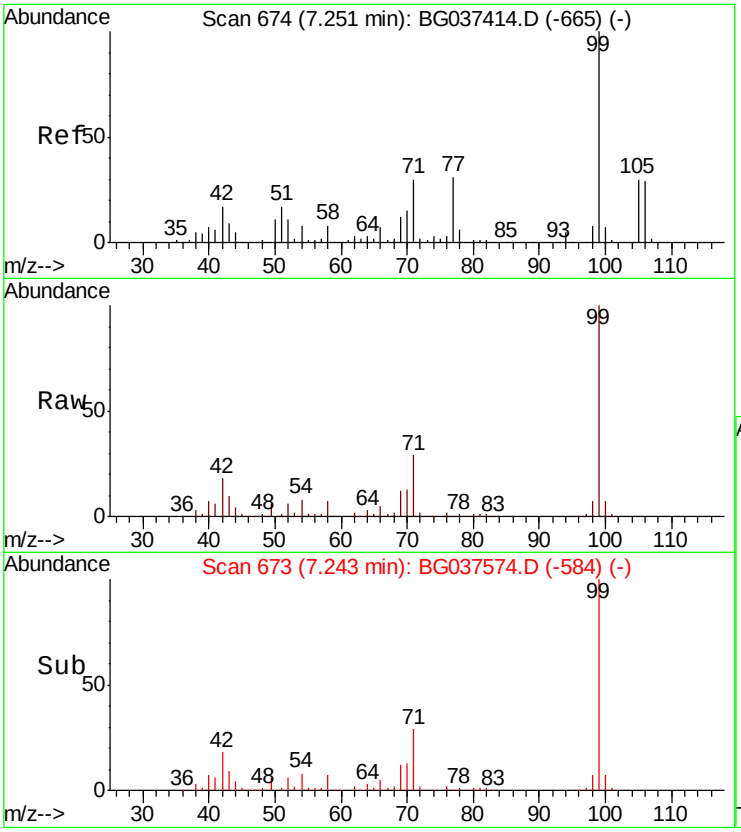


#5
2-Fluorophenol
Concen: 61.691 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:112 Resp: 193119

Ion	Ratio	Lower	Upper
112	100		
64	62.7	53.1	79.7
63	31.3	27.3	40.9



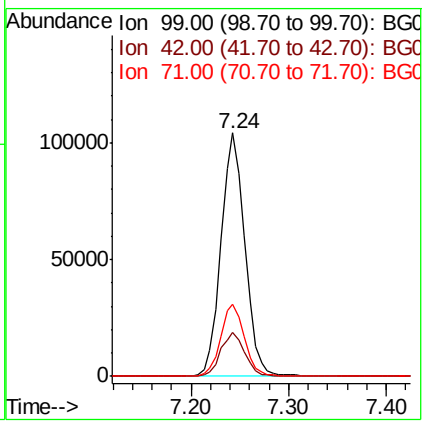


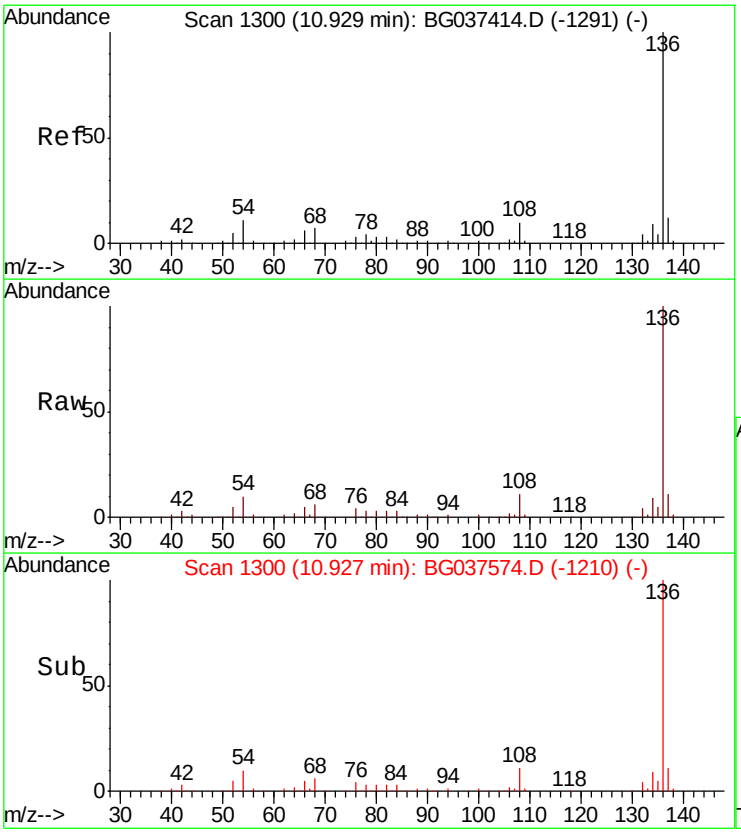
#7
Phenol-d6
Concen: 37.318 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion: 99 Resp: 176649

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	29.5	25.5	38.3

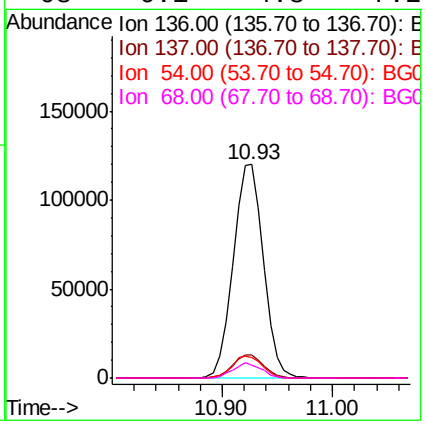


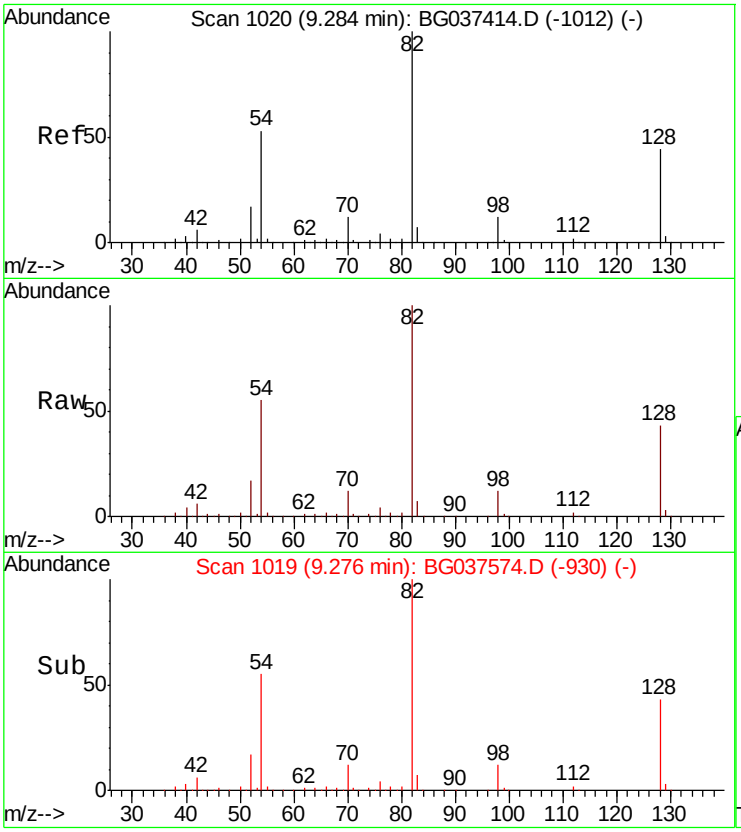


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:136 Resp: 230387

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.9	7.9	11.9
68	6.1	4.8	7.2



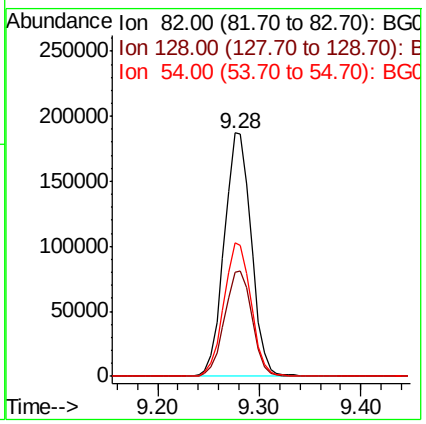


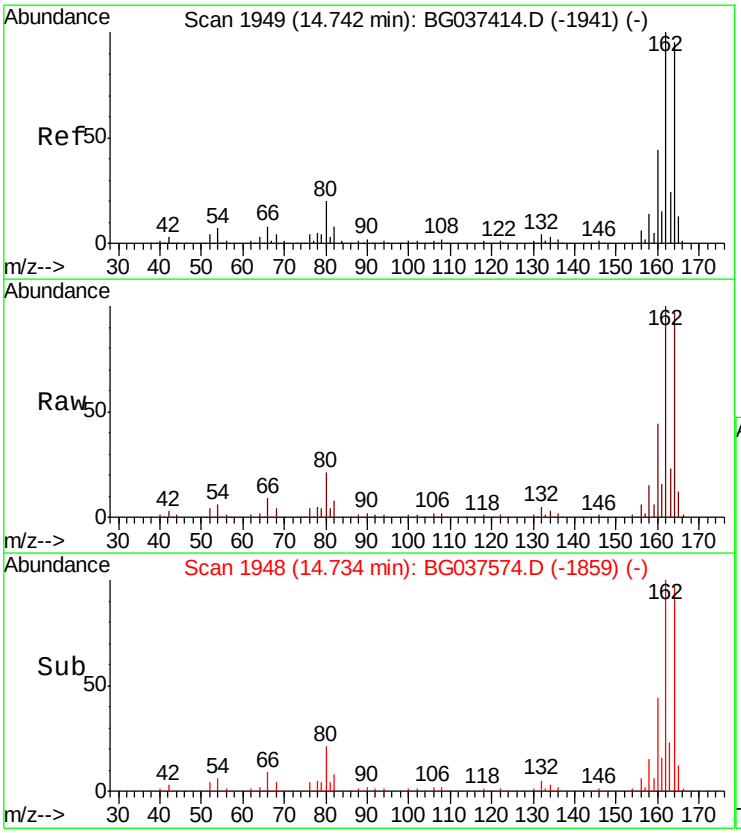
#23
Nitrobenzene-d5
Concen: 84.484 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion: 82 Resp: 347452

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	54.8	45.3	67.9

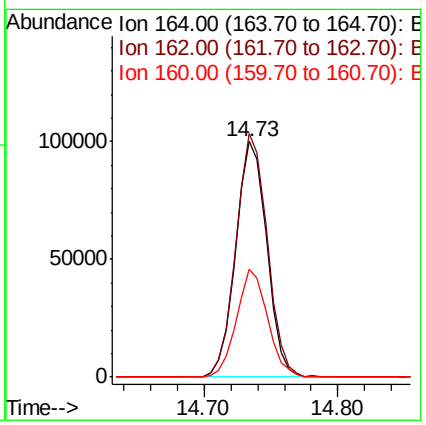


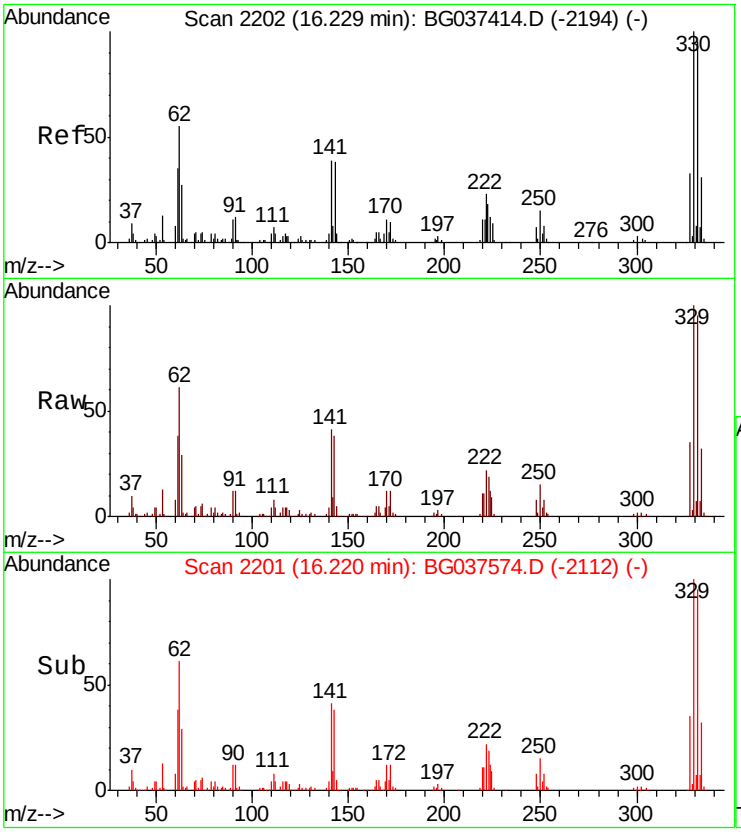


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:164 Resp: 160582

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.3	121.9
160	45.9	36.3	54.5



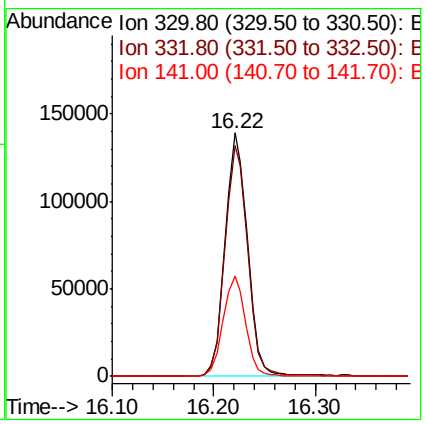


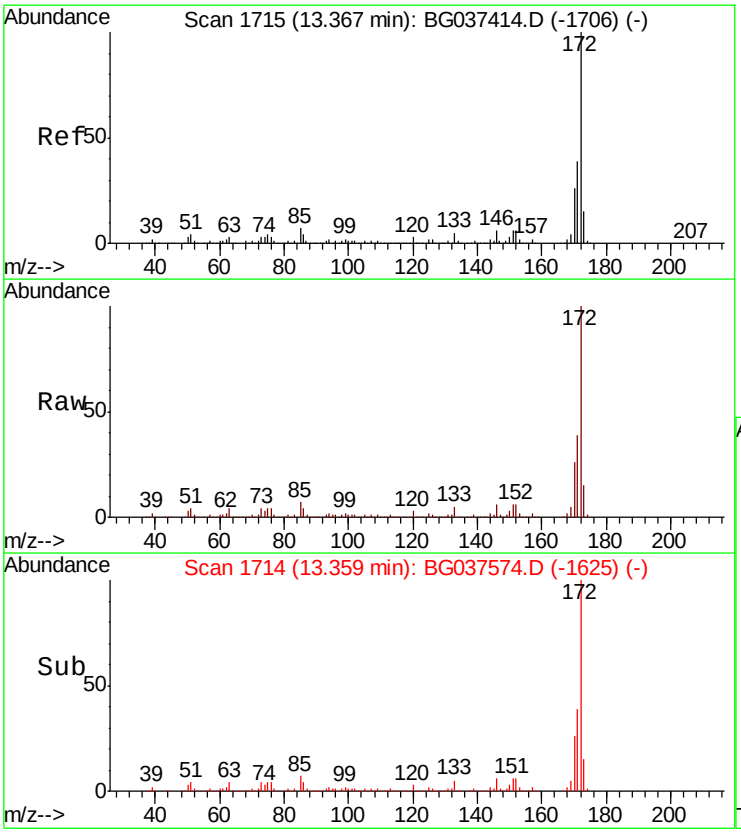
#42
2,4,6-Tribromophenol
Concen: 122.461 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion:330 Resp: 214485

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	41.1	32.2	48.2

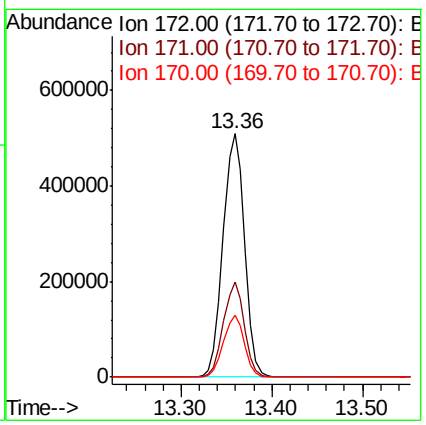


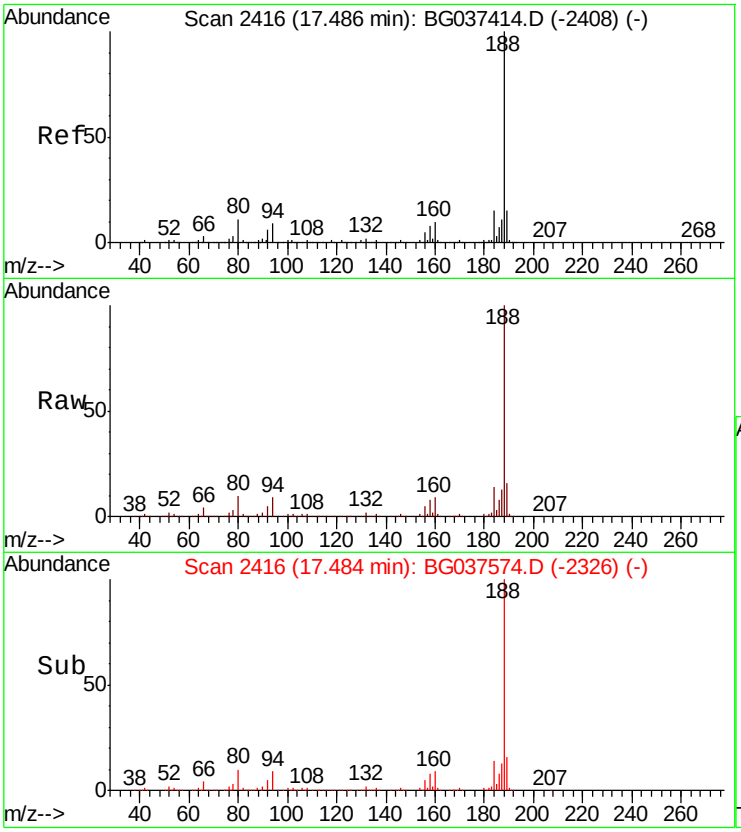


#45
2-Fluorobiphenyl
Concen: 78.783 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:172 Resp: 838970

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	25.6	20.2	30.2



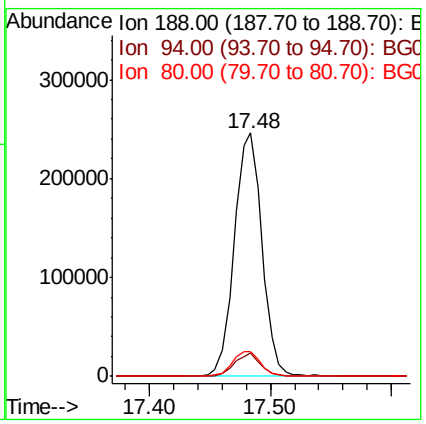


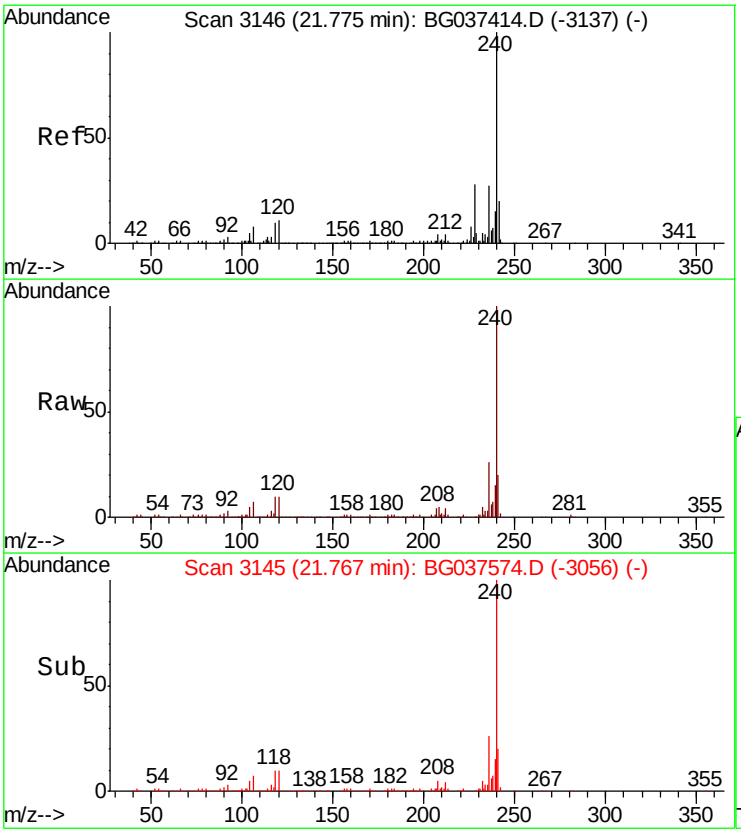
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion:188 Resp: 392385

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.1	7.7	11.5

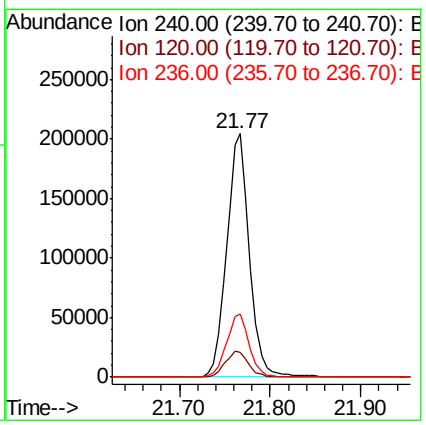


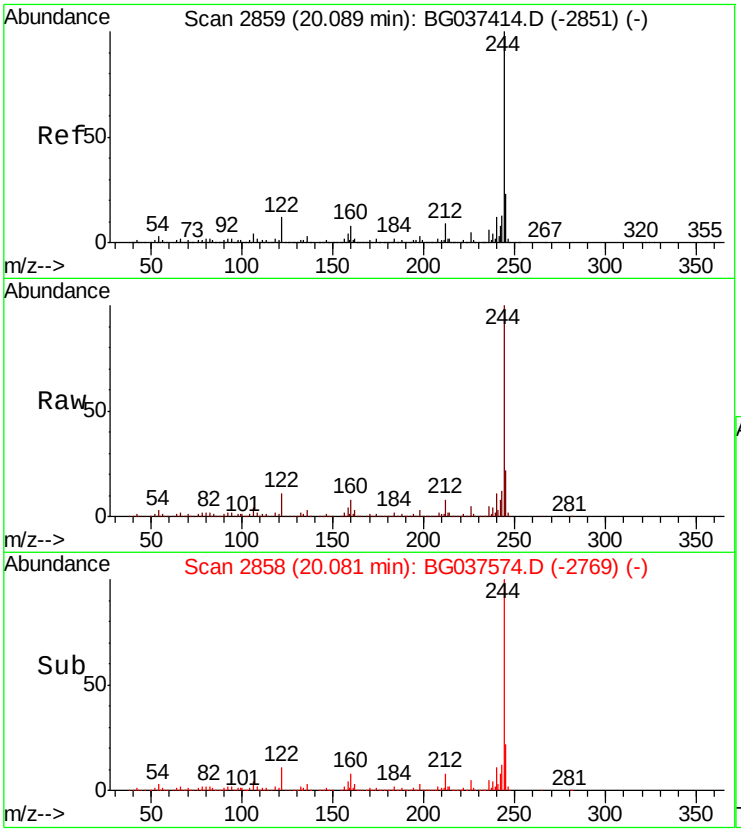


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:240 Resp: 354086

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.9	21.4	32.0



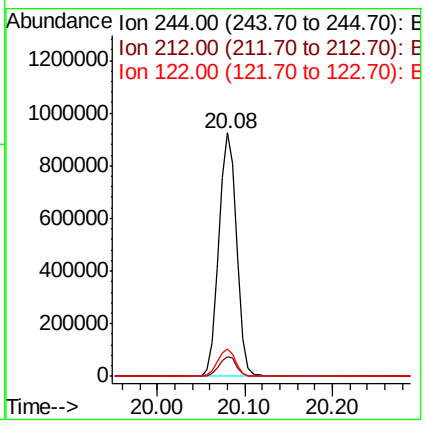


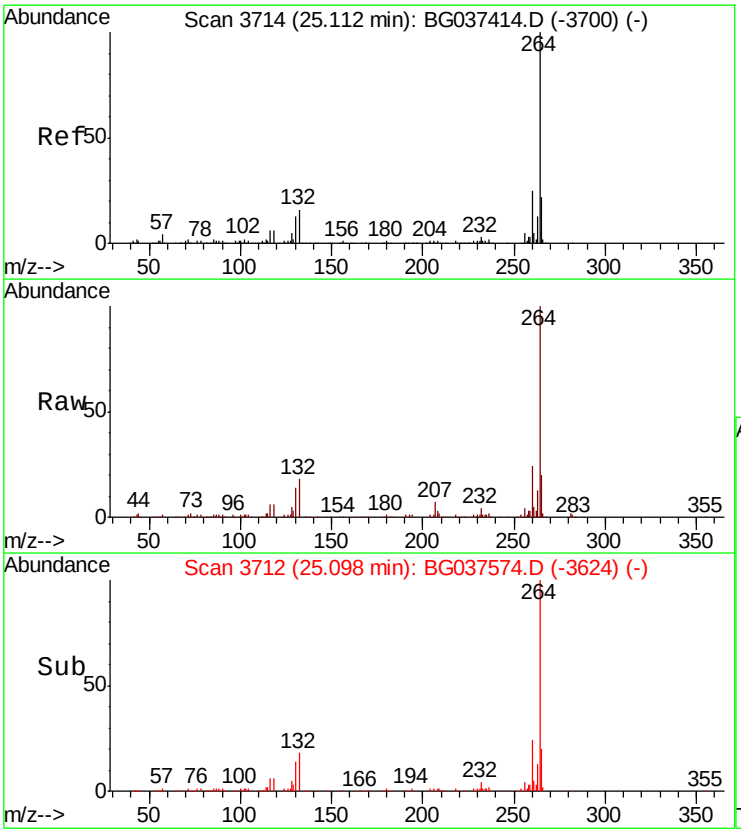
#79
Terphenyl-d14
Concen: 79.112 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Instrument :
BNA_G
ClientSampleId :
S37-0009

Tgt Ion:244 Resp: 1310977

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037574.D
Acq: 26 Oct 2018 10:39

Tgt Ion:264 Resp: 341739

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	20.3	17.9	26.9