Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037570.D
Acq On : 26 Oct 2018 8:02
Operator : JU/SJ
Sample : J5655-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0003

Quant Time: Oct 26 13:37:03 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	53684	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	245252	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166326	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	395560	20.00	ng	0.00
76) Chrysene-d12	21.77	240	364000	20.00	ng	0.00
87) Perylene-d12	25.10	264	356895	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	183518	57.15	ng	0.00
7) Phenol-d6	7.24	99	163571	33.69	ng	0.00
23) Nitrobenzene-d5	9.28	82	367469	83.94	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	228259	125.82	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	888921	80.59	ng	0.00
79) Terphenyl-d14	20.08	244	1299859	76.30	ng	0.00
Target Compounds						Qvalue

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

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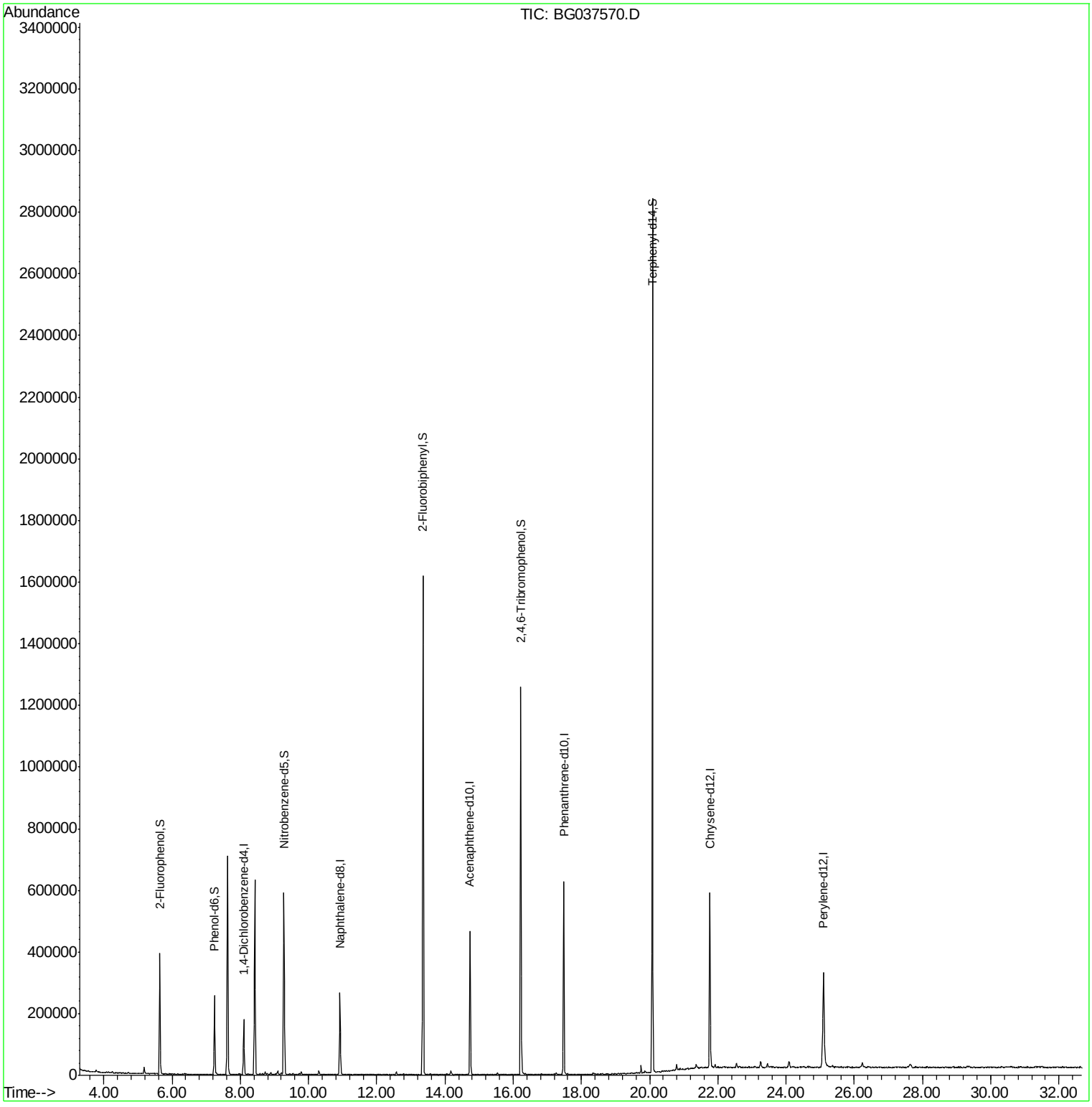
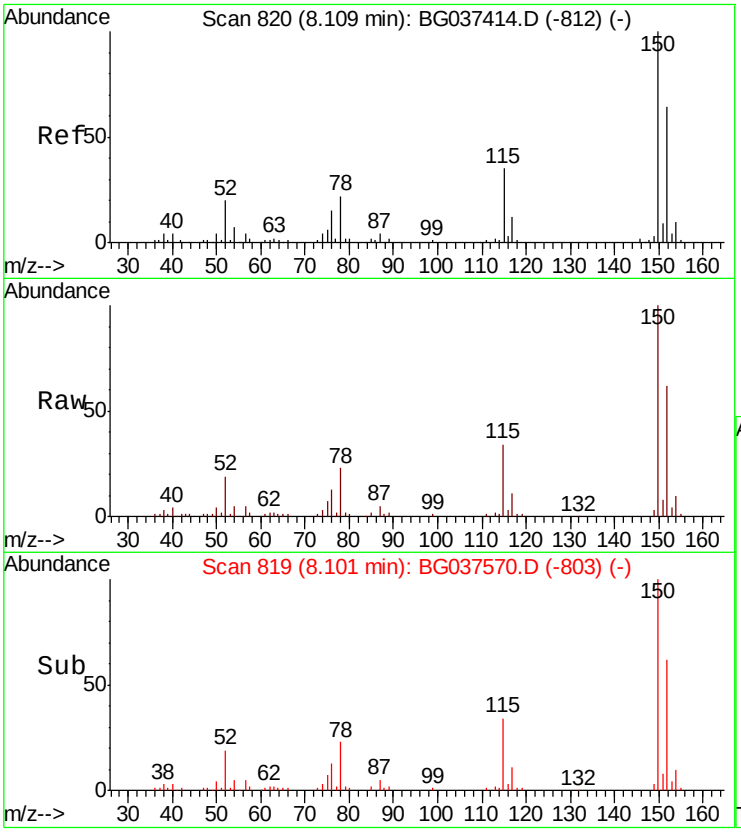


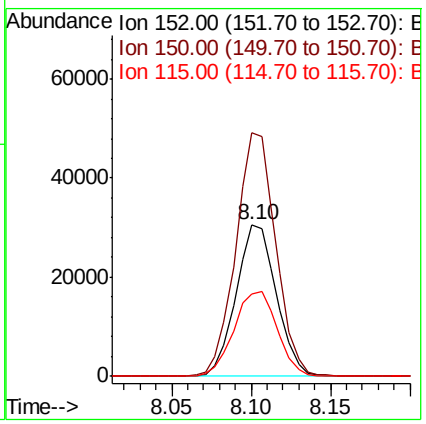


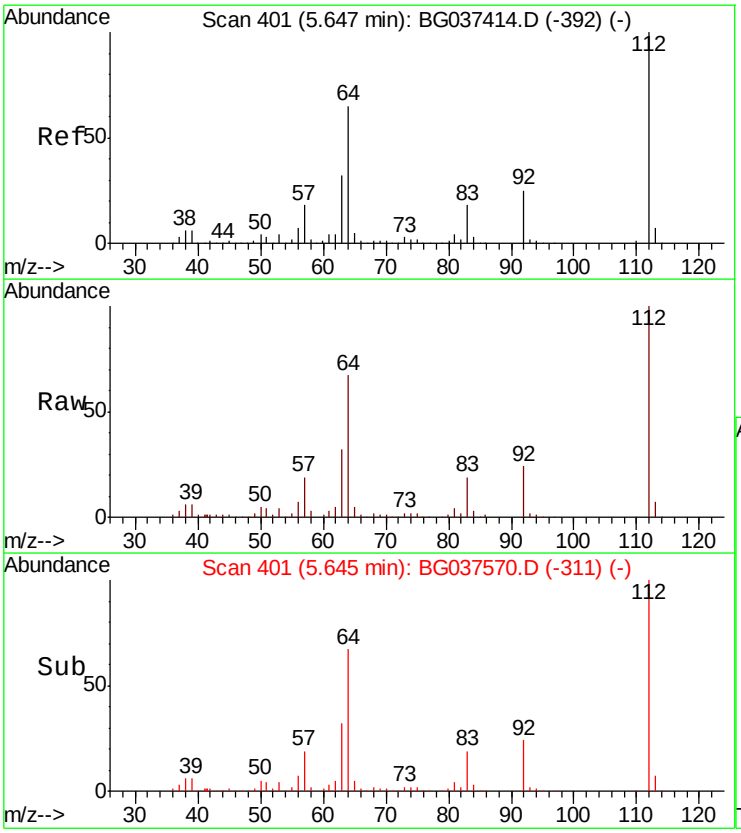
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Instrument :
BNA_G
ClientSampleId :
S37-0003

Tgt Ion:152 Resp: 53684

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.0	189.0
115	54.0	45.5	68.3

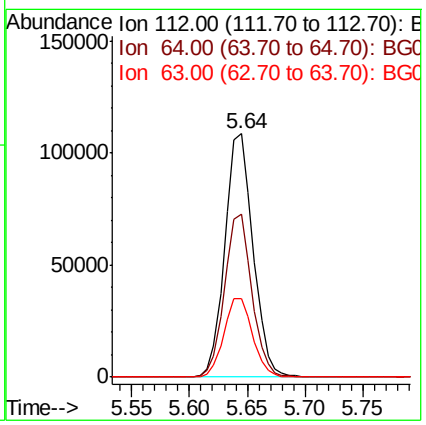


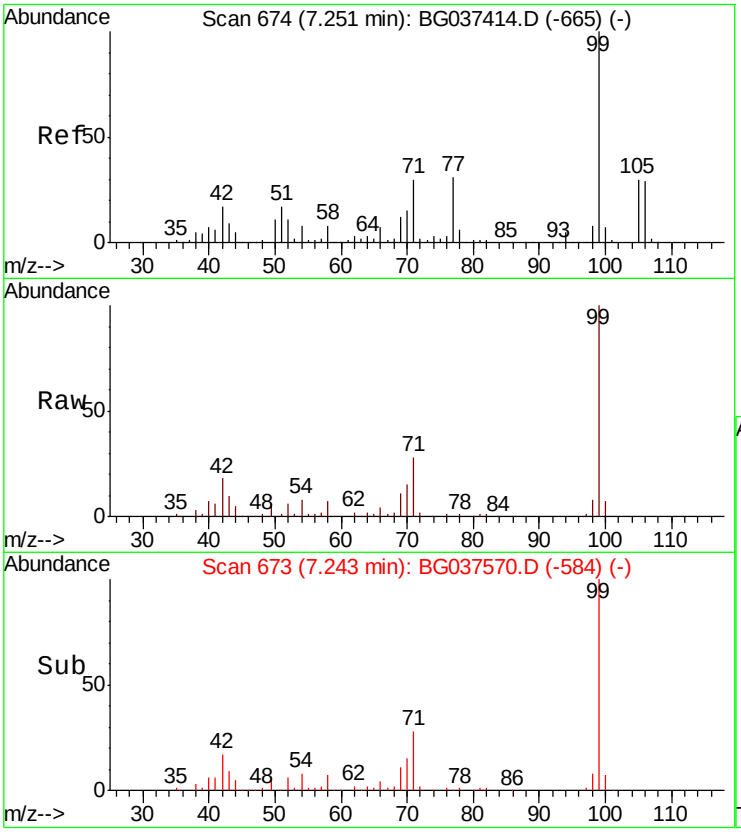


#5
2-Fluorophenol
Concen: 57.152 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Tgt Ion:112 Resp: 183518

Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.1	79.7
63	32.3	27.3	40.9



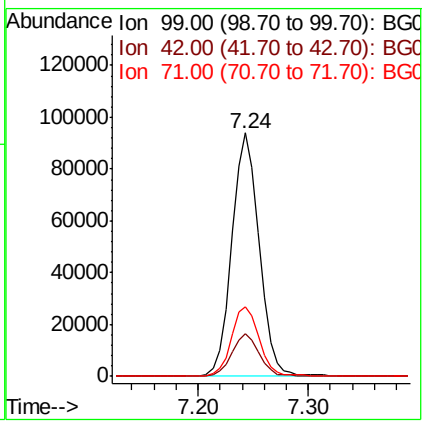


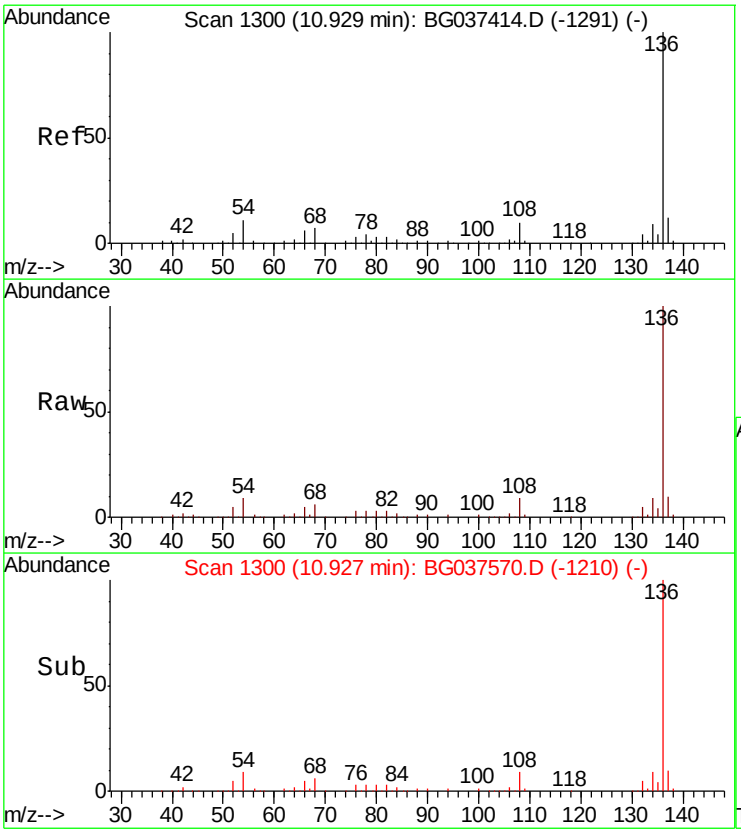
#7
Phenol-d6
Concen: 33.688 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Instrument :
BNA_G
ClientSampleId :
S37-0003

Tgt Ion: 99 Resp: 163571

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	28.4	25.5	38.3

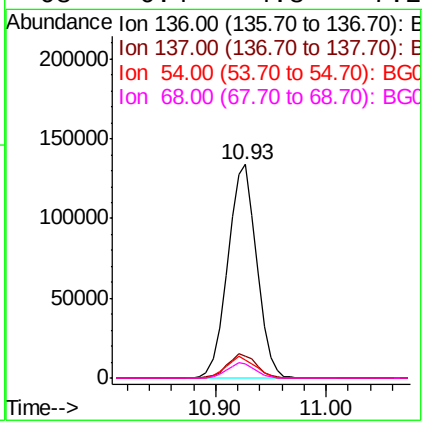


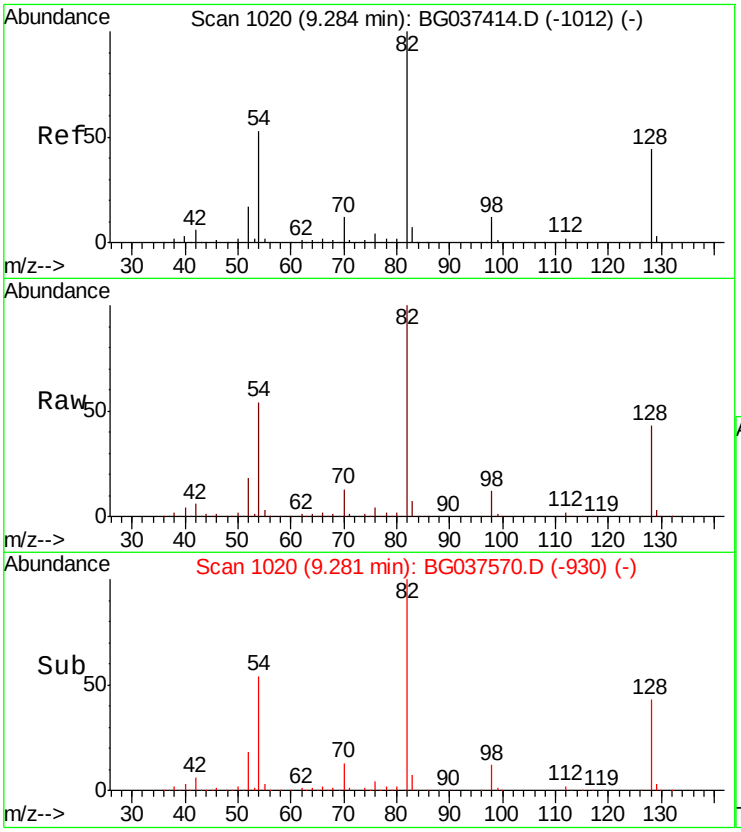


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Tgt Ion:136 Resp: 245252

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	8.7	7.9	11.9
68	6.4	4.8	7.2



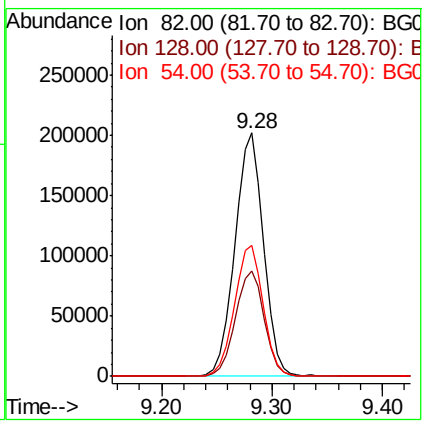


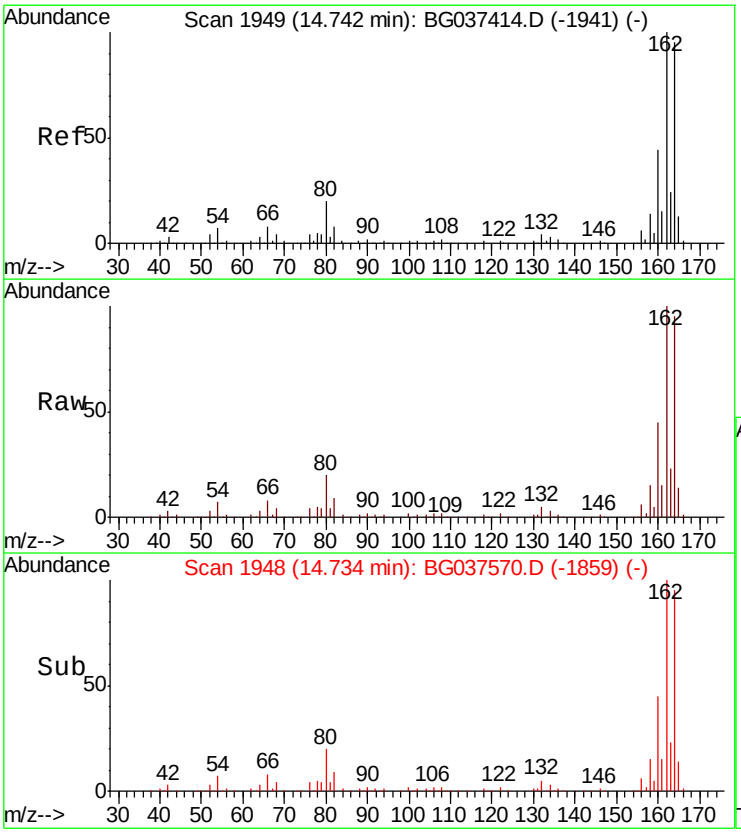
#23
Nitrobenzene-d5
Concen: 83.935 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Instrument :
BNA_G
ClientSampleId :
S37-0003

Tgt Ion: 82 Resp: 367469

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	54.0	45.3	67.9

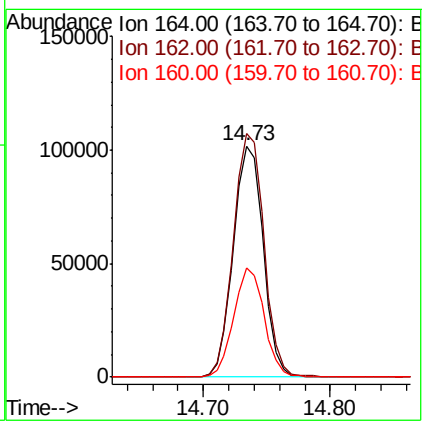


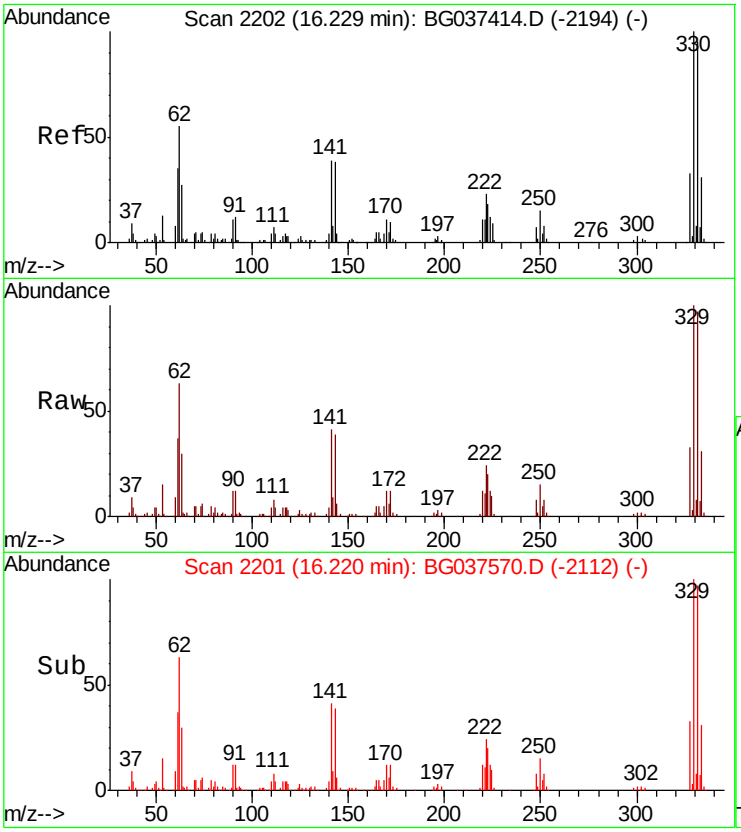


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Tgt Ion:164 Resp: 166326

Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.3	121.9
160	47.3	36.3	54.5



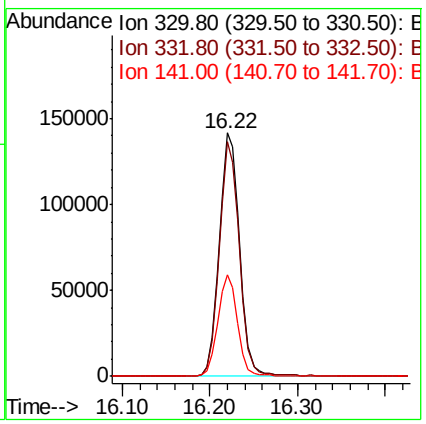


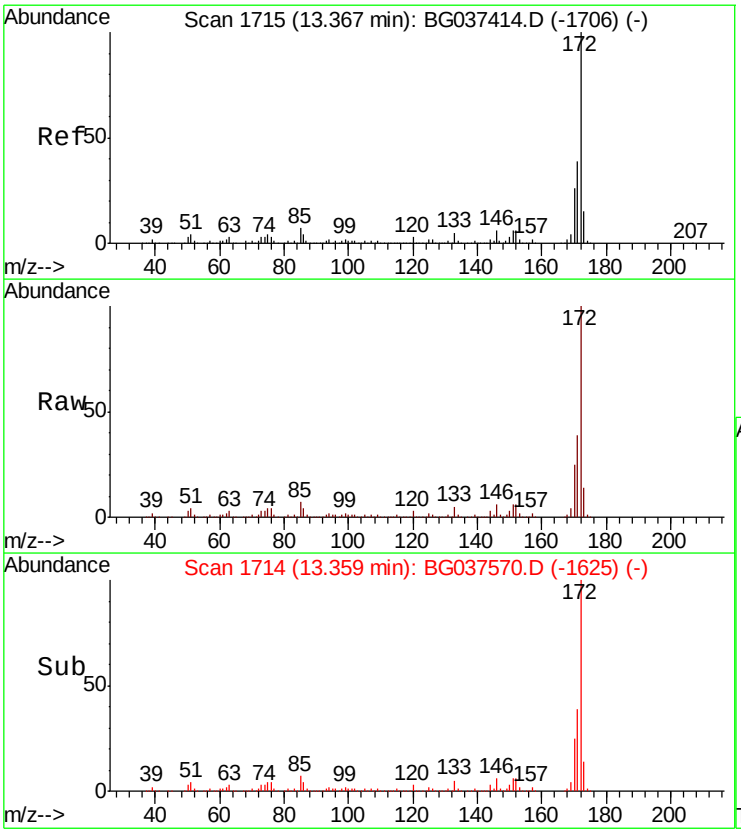
#42
2,4,6-Tribromophenol
Concen: 125.825 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Instrument :
BNA_G
ClientSampleId :
S37-0003

Tgt Ion:330 Resp: 228259

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	40.0	32.2	48.2

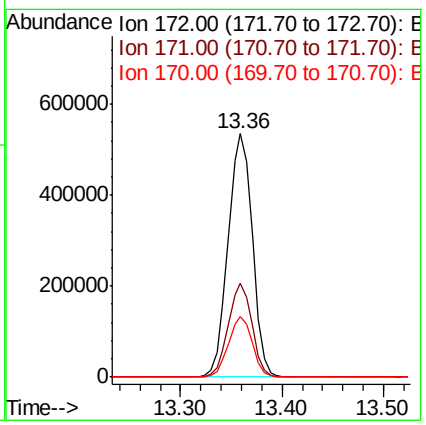


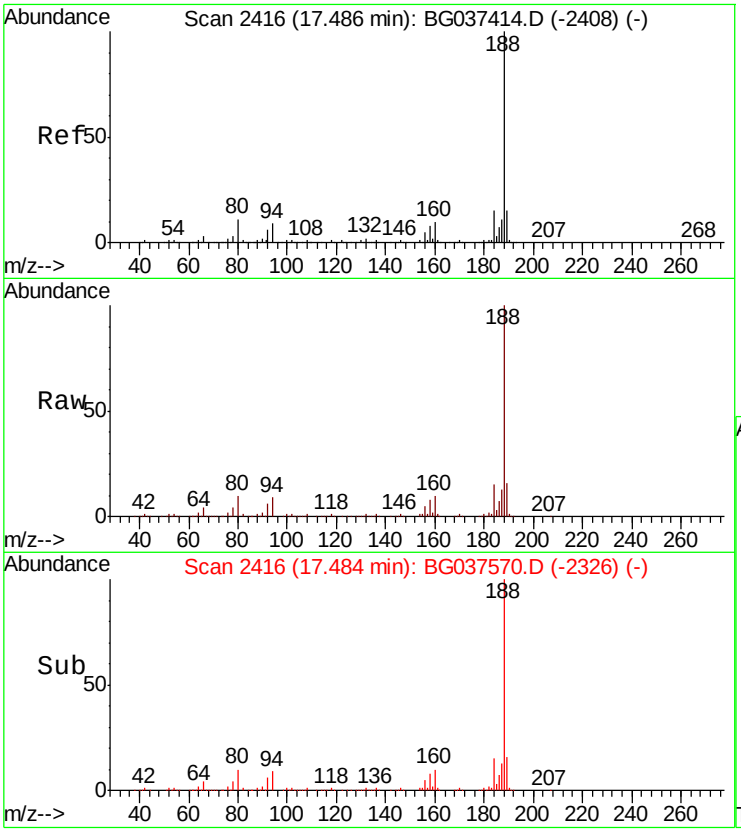


#45
2-Fluorobiphenyl
Concen: 80.591 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Tgt Ion:172 Resp: 888921

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	24.8	20.2	30.2



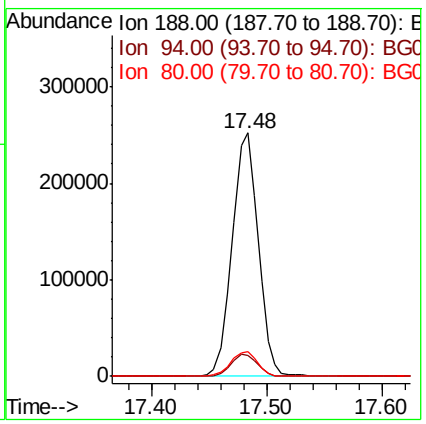


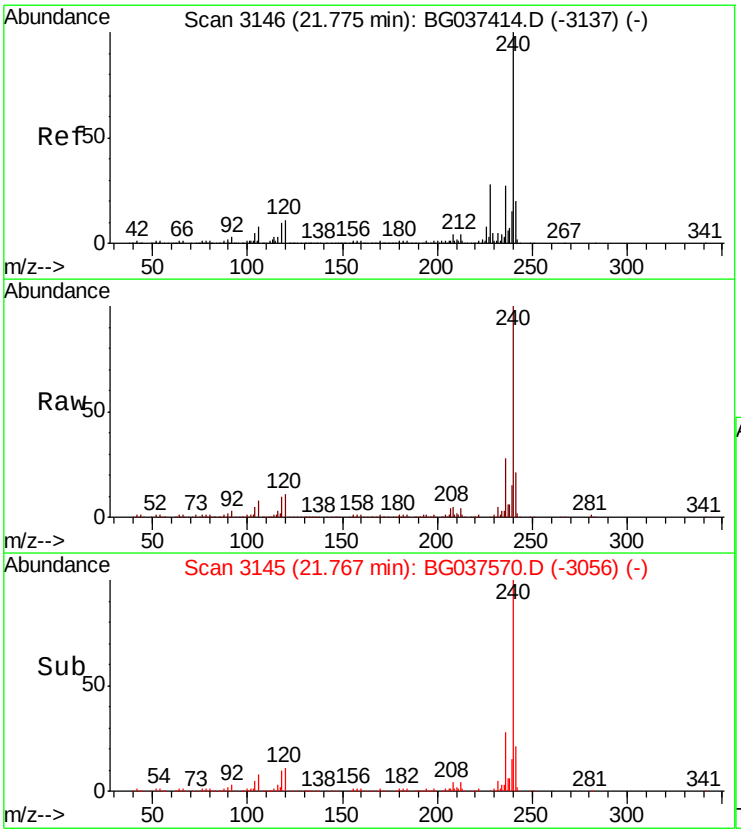
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Instrument :
BNA_G
ClientSampleId :
S37-0003

Tgt Ion:188 Resp: 395560

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.3	7.7	11.5

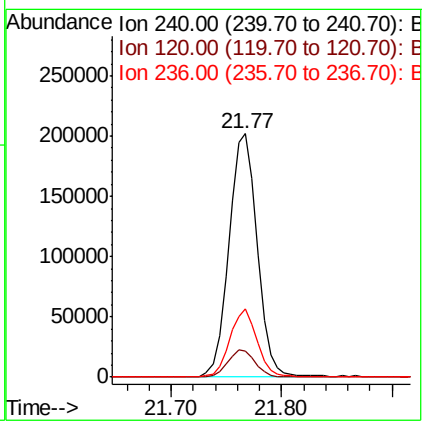


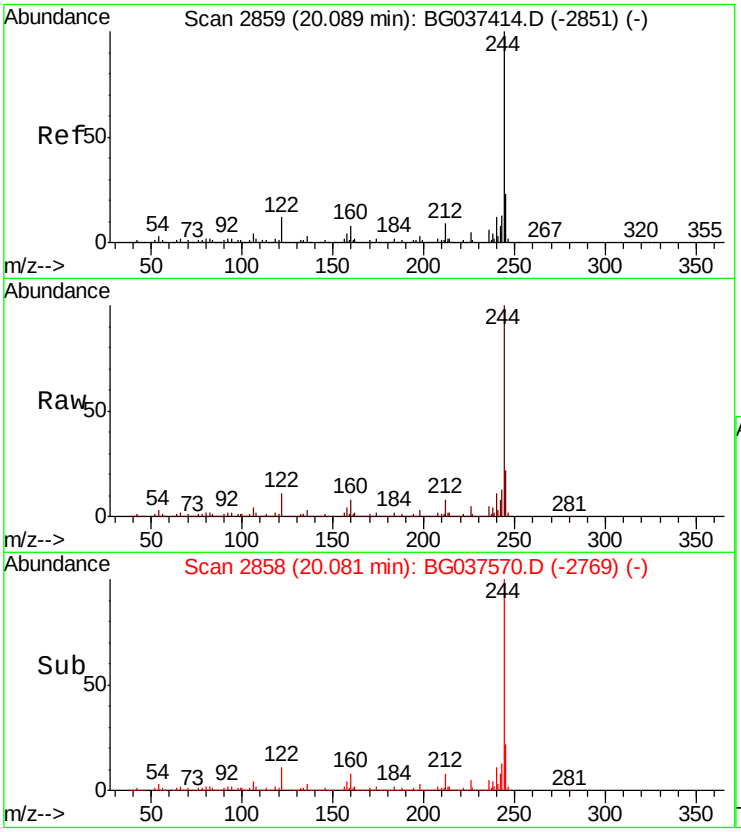


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Tgt Ion:240 Resp: 364000

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	27.8	21.4	32.0



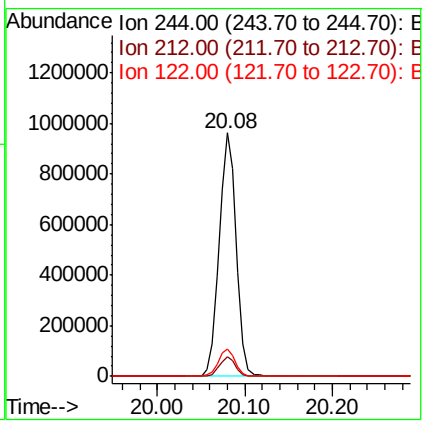


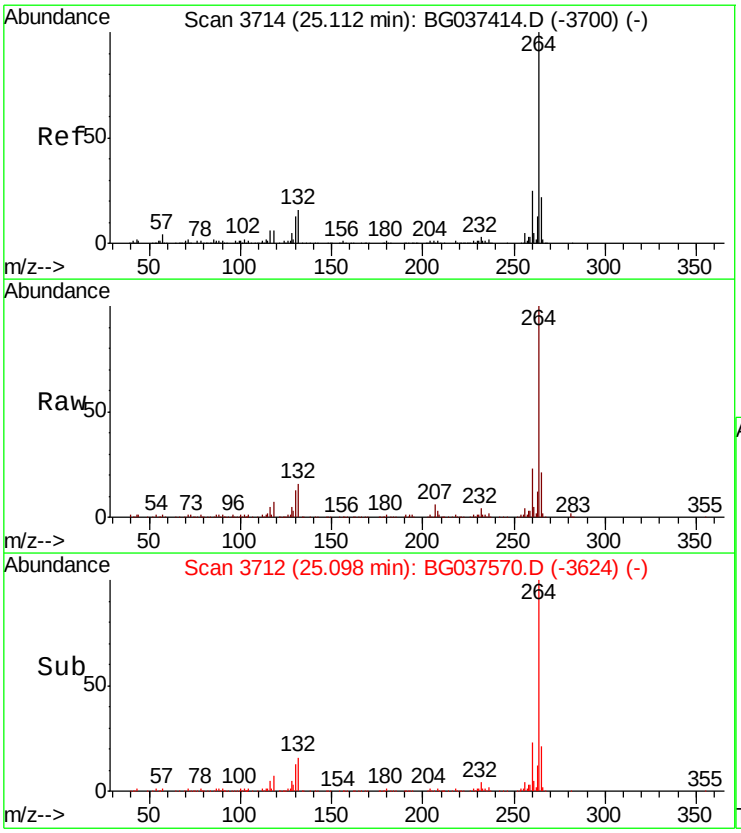
#79
Terphenyl-d14
Concen: 76.305 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037570.D
Acq: 26 Oct 2018 8:02

Instrument :
BNA_G
ClientSampleId :
S37-0003

Tgt Ion:244 Resp: 1299859

Ion	Ratio	Lower	Upper
244	100		
212	8.0	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: BG037570.D
Acq: 26 Oct 2018 8:02

Tgt Ion:264 Resp: 356895

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.3	17.9	26.9