Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038849.D
Acq On : 27 Dec 2018 18:40
Operator : JU/SJ
Sample : J6533-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-3

Quant Time: Dec 28 10:06:08 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	8.05	152	22757	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	95632	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	68396	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	167637	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174308	20.00	ng	0.00
87) Perylene-d12	25.02	264	188470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	109245	85.14	ng	0.00
7) Phenol-d6	7.24	99	101998	57.91	ng	0.03
23) Nitrobenzene-d5	9.24	82	180693	96.53	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	167479	177.67	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	497001	99.69	ng	0.00
79) Terphenyl-d14	20.04	244	812245	101.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.26	94	12292	6.569	ng	84
15) Benzyl Alcohol	8.31	79	85693	62.330	ng	96
20) 3+4-Methylphenols	8.85	107	18710	10.806	ng	86
32) Benzoic acid	10.27	122	74015	76.288	ng	94

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

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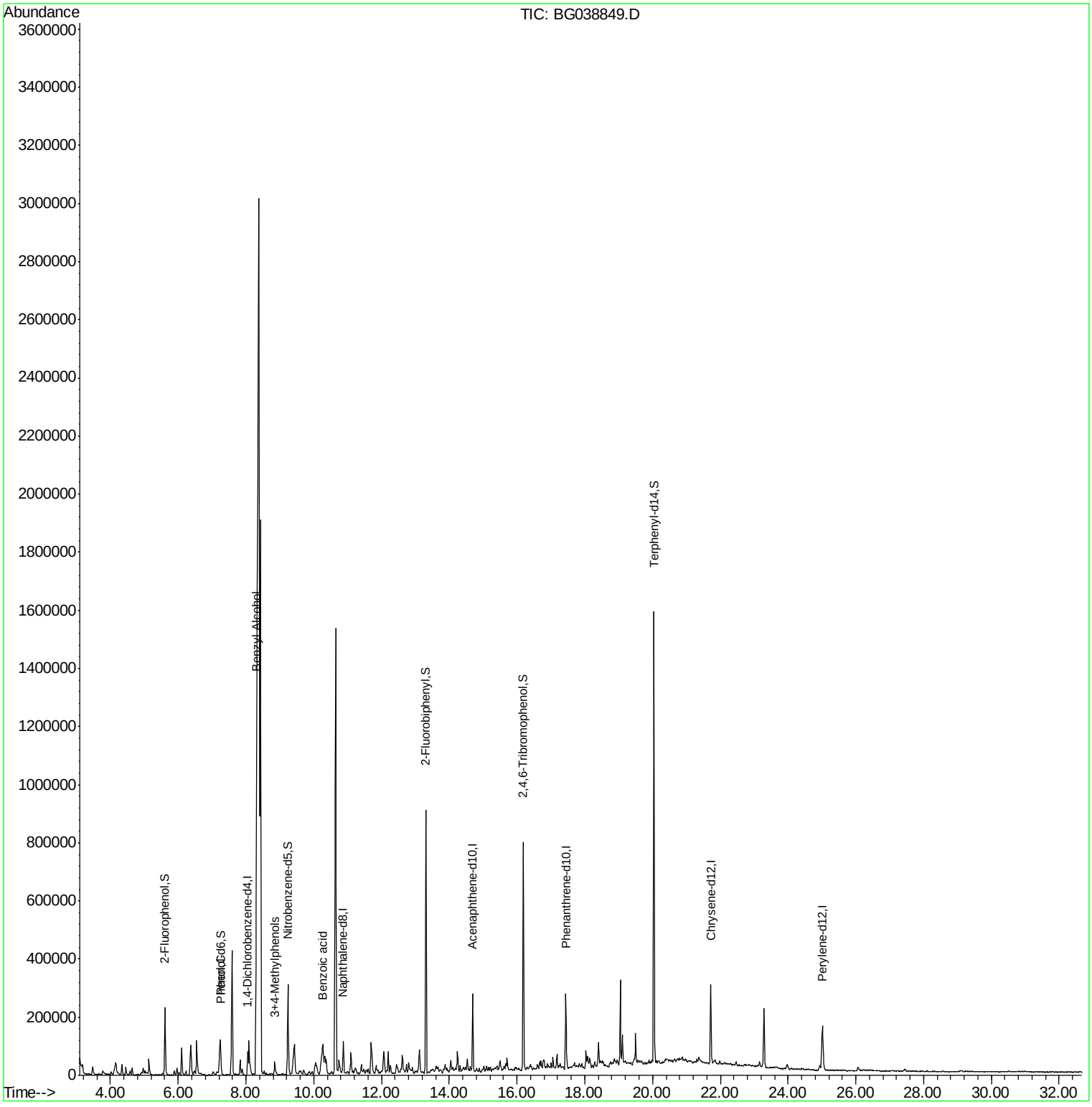
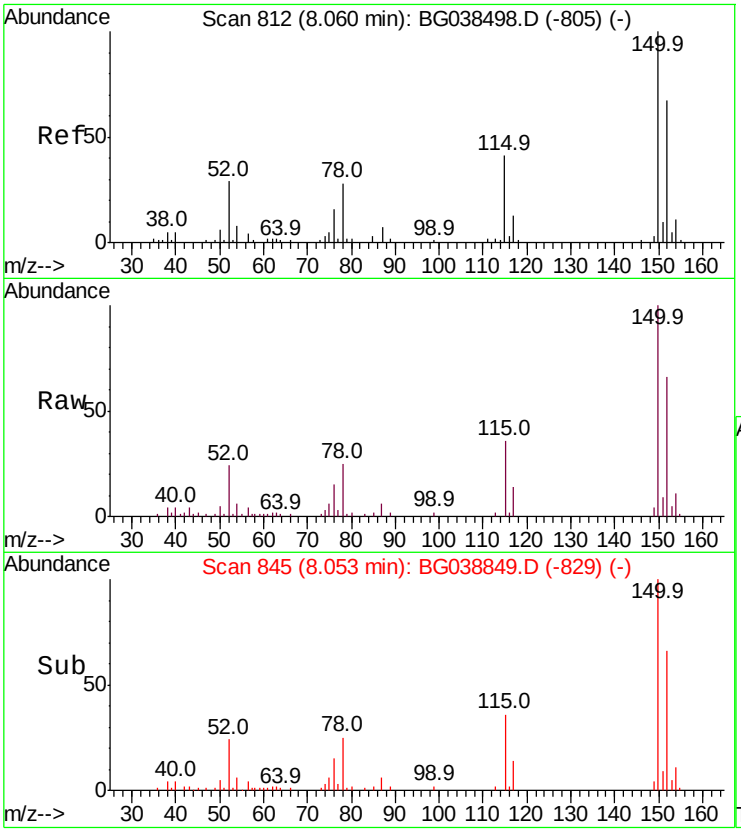


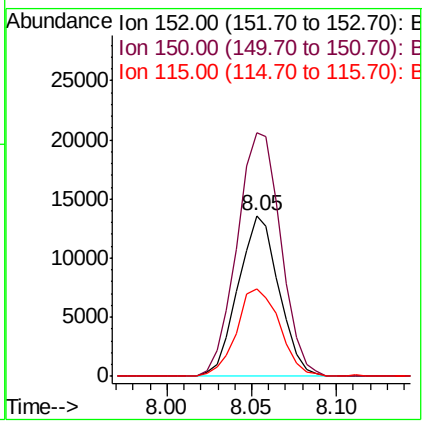


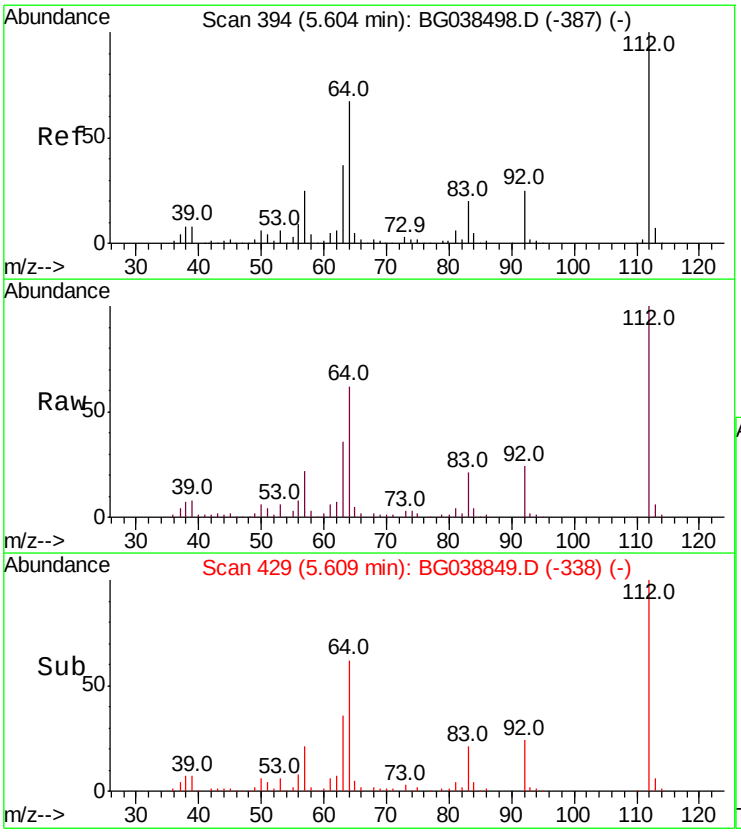
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 22757

Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.5	179.3
115	54.6	49.6	74.4

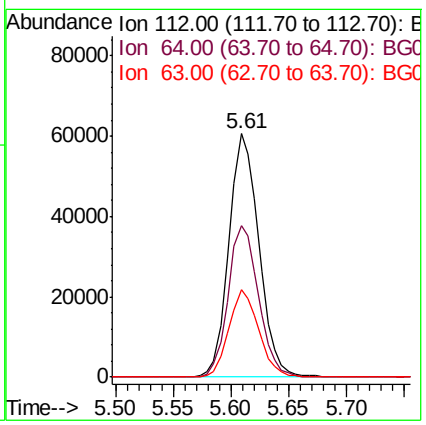


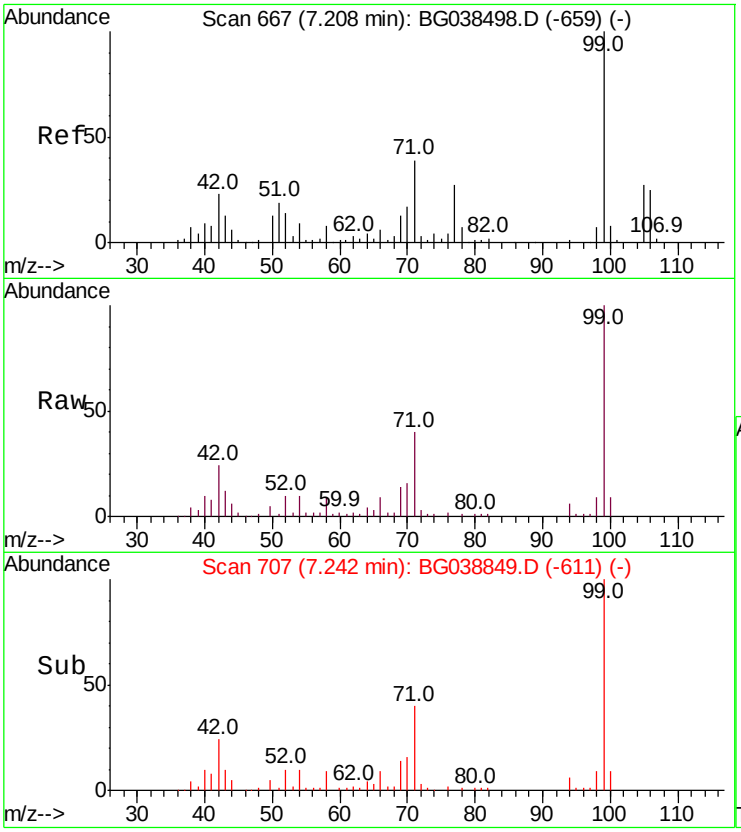


#5
2-Fluorophenol
Concen: 85.144 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:112 Resp: 109245

Ion	Ratio	Lower	Upper
112	100		
64	62.3	53.4	80.2
63	36.2	29.3	43.9



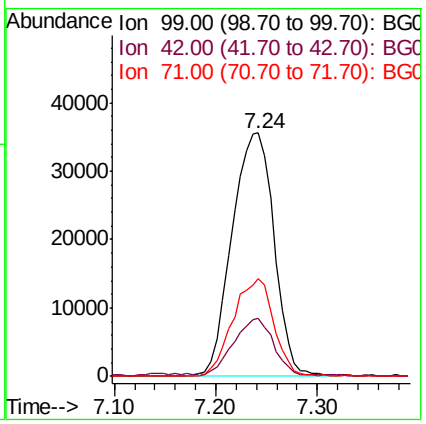


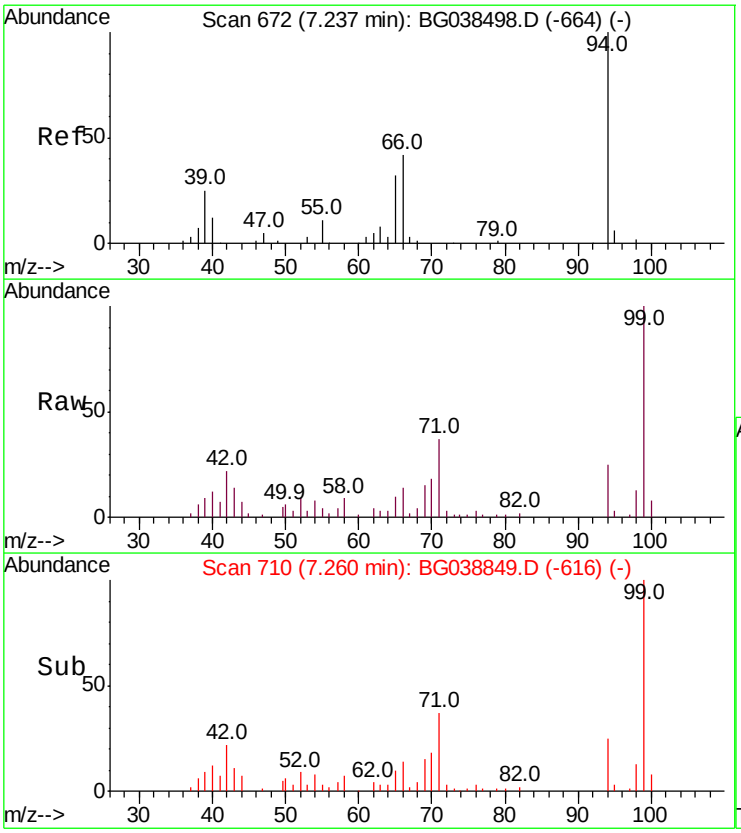
#7
Phenol-d6
Concen: 57.908 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.03 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion: 99 Resp: 101998

Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.5	27.7
71	40.2	31.1	46.7

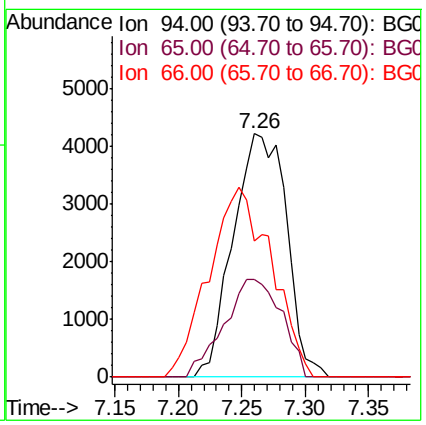


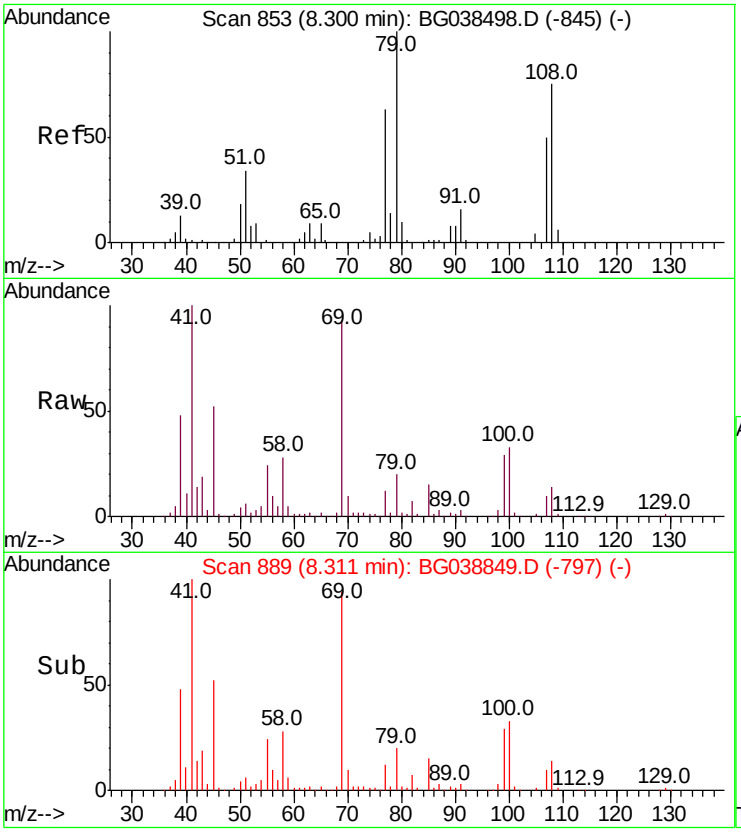


#10
Phenol
Concen: 6.569 ng
RT: 7.26 min Scan# 710
Delta R.T. 0.02 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion: 94 Resp: 12292

Ion	Ratio	Lower	Upper
94	100		
65	39.9	12.6	52.6
66	56.0	24.1	64.1



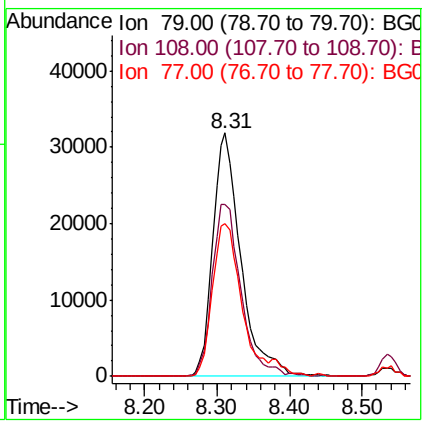


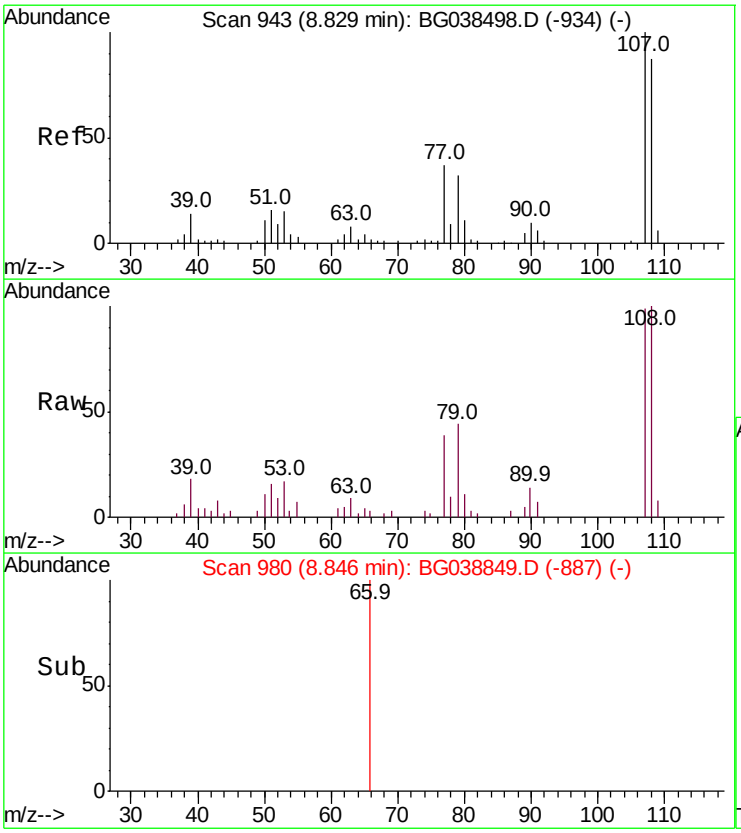
#15
Benzyl Alcohol
Concen: 62.330 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion: 79 Resp: 85693

Ion	Ratio	Lower	Upper
79	100		
108	70.5	60.2	90.4
77	62.6	50.7	76.1

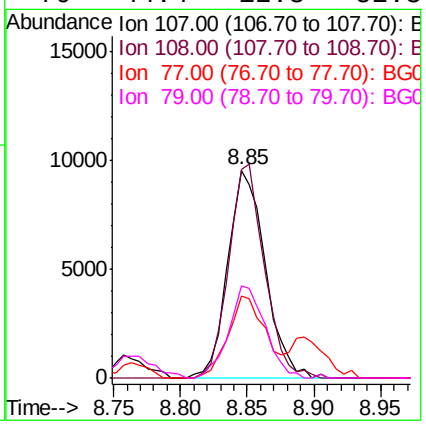


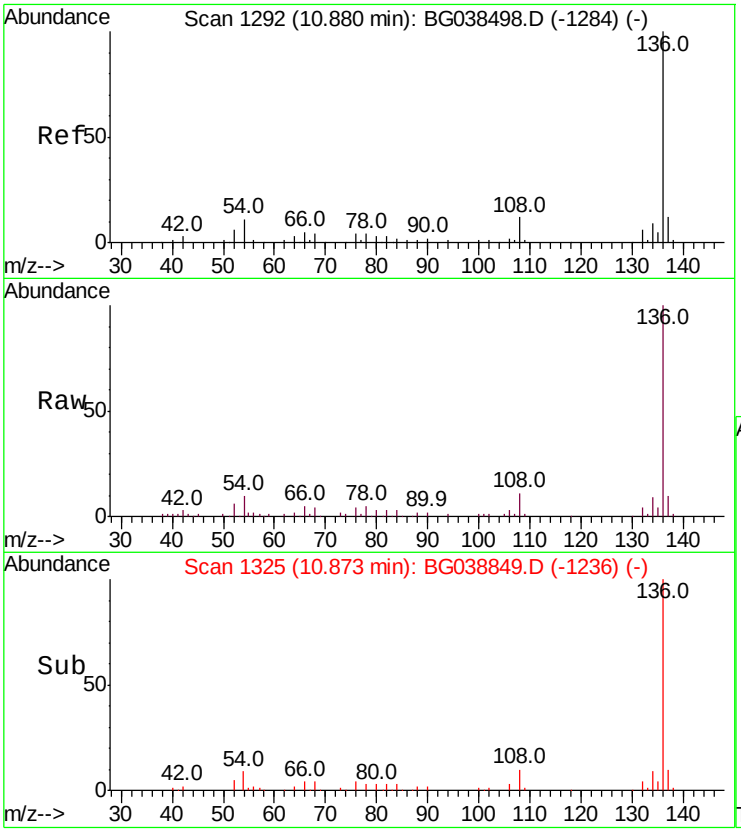


#20
3+4-Methylphenols
Concen: 10.806 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.02 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:107 Resp: 18710

Ion	Ratio	Lower	Upper
107	100		
108	100.6	66.7	106.7
77	39.2	17.3	57.3
79	44.4	12.3	52.3



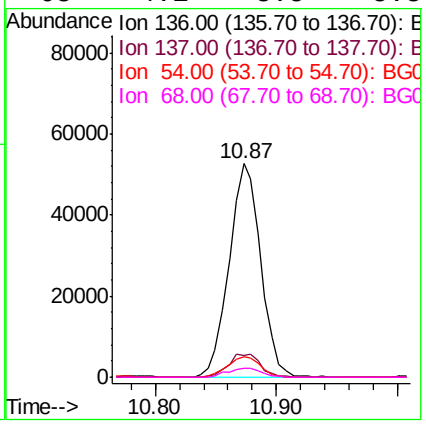


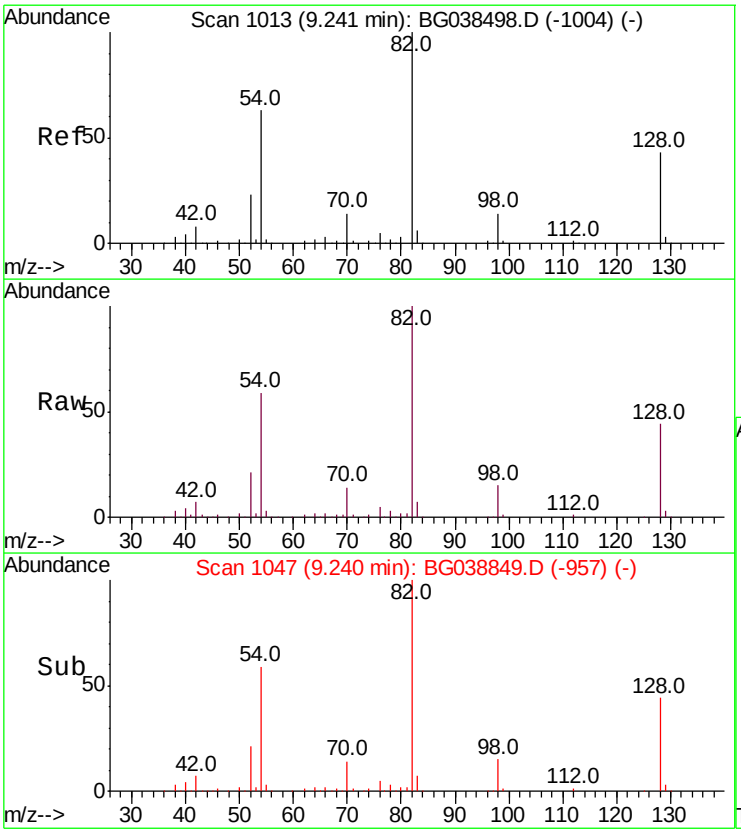
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:136 Resp: 95632

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.3	13.9
54	9.7	8.5	12.7
68	4.1	3.5	5.3

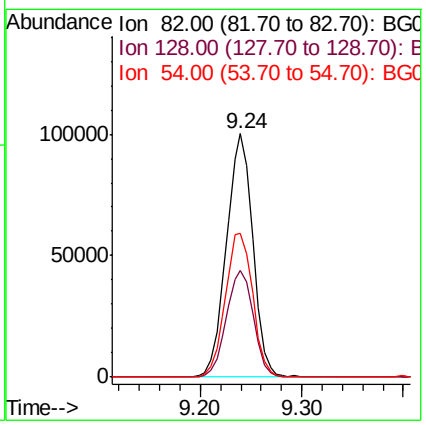


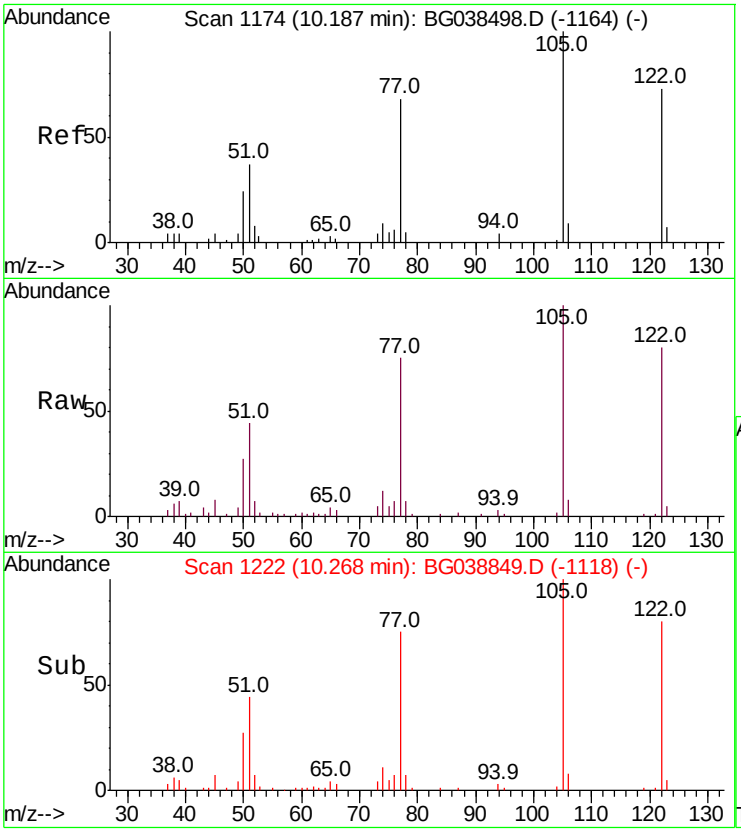


#23
Nitrobenzene-d5
Concen: 96.527 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion: 82 Resp: 180693

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	52.0
54	59.0	50.6	76.0



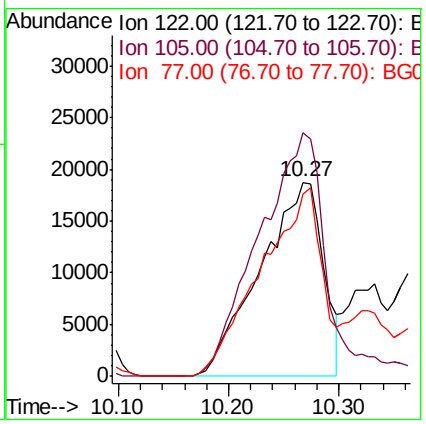


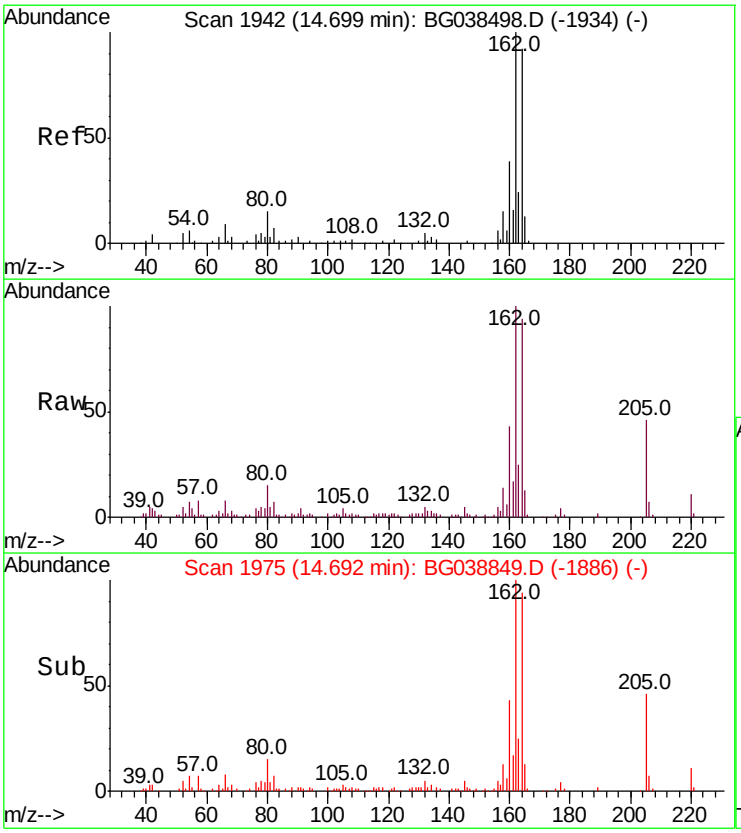
#32
Benzoic acid
Concen: 76.288 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.08 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:122 Resp: 74015

Ion	Ratio	Lower	Upper
122	100		
105	125.4	116.7	156.7
77	93.8	72.5	112.5

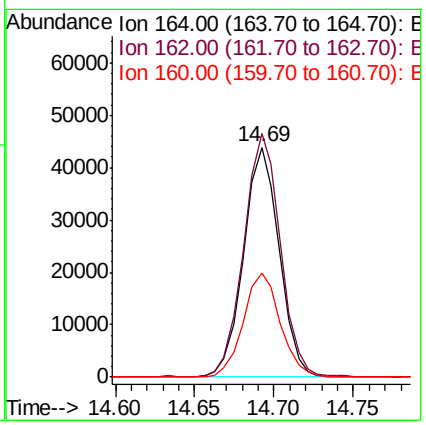


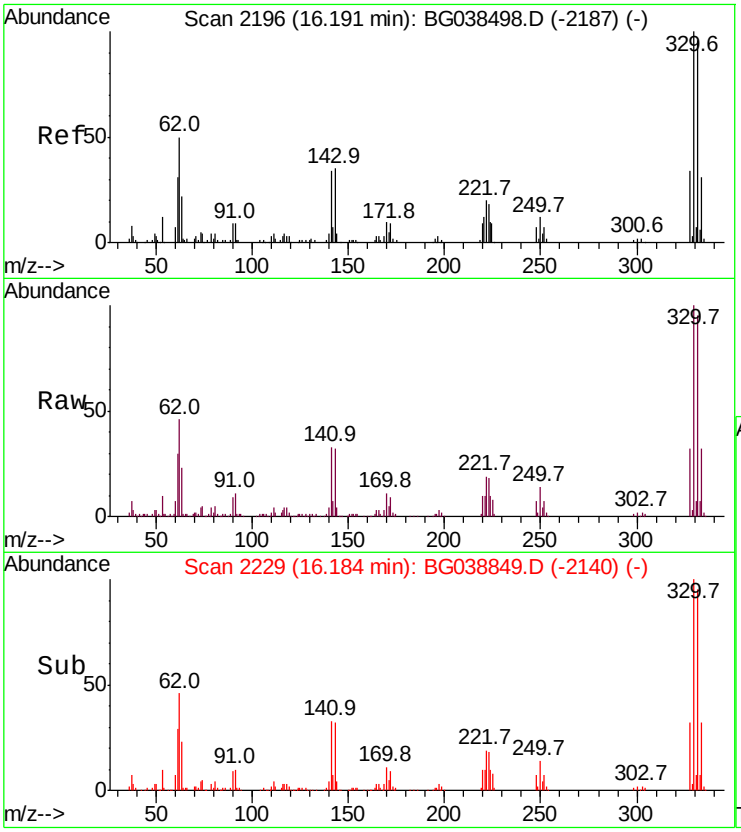


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:164 Resp: 68396

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.6	130.0
160	45.2	34.2	51.2



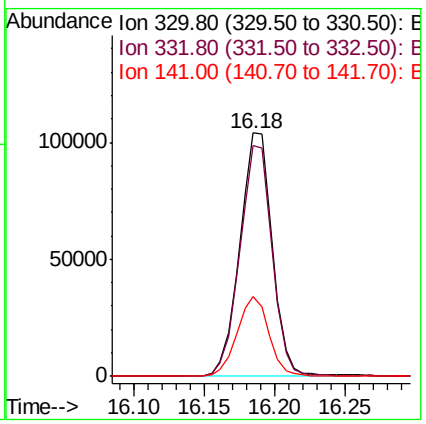


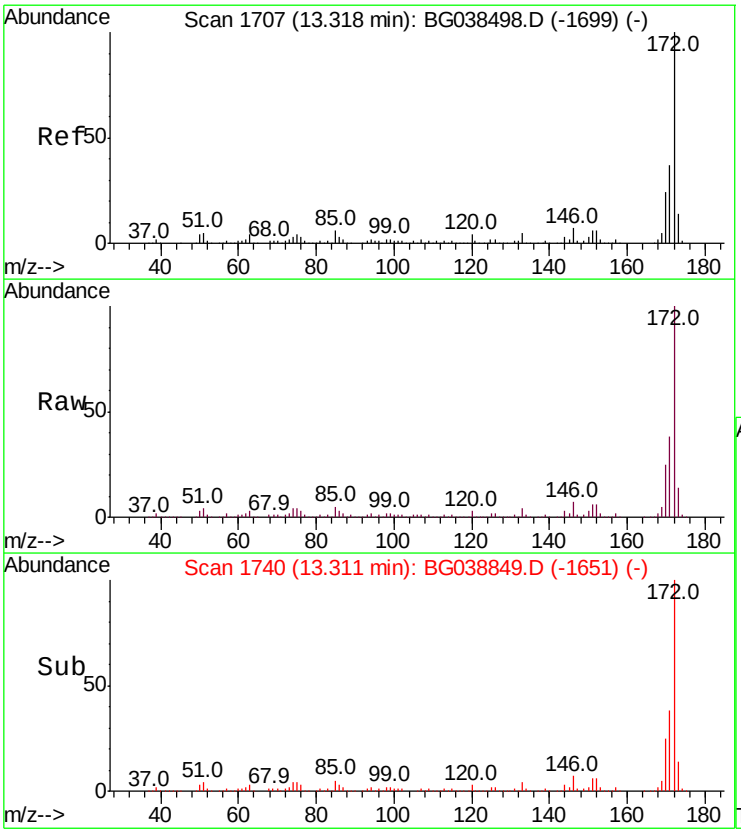
#42
2,4,6-Tribromophenol
Concen: 177.674 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:330 Resp: 167479

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	32.4	28.8	43.2

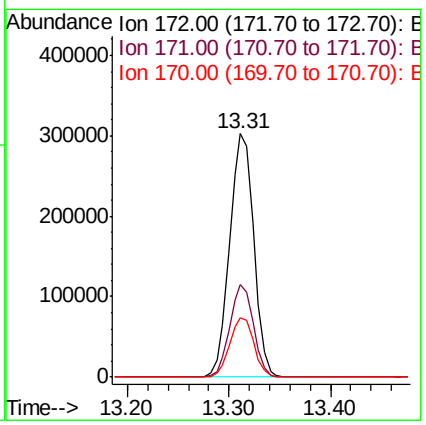


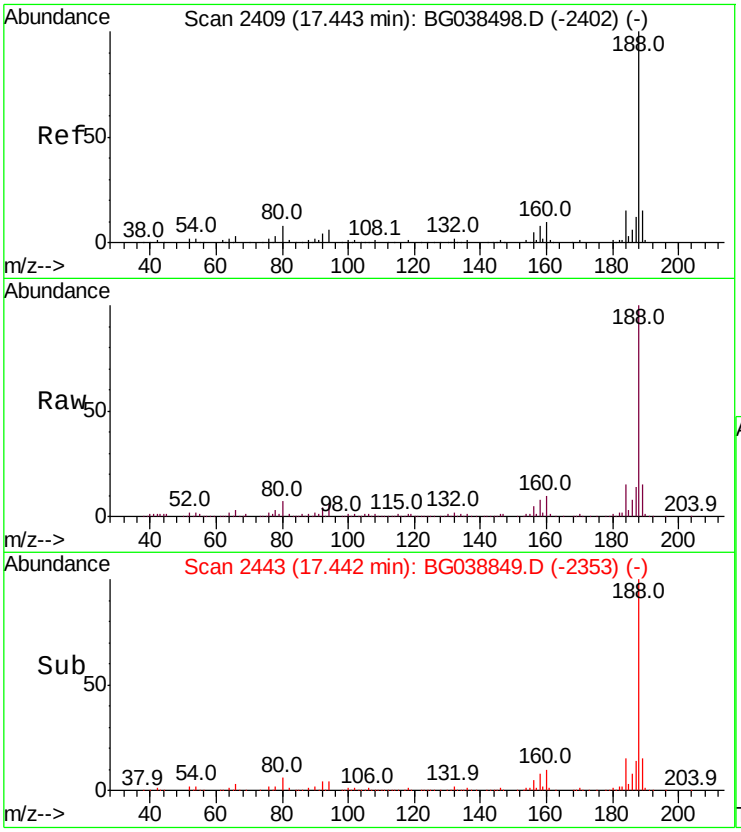


#45
2-Fluorobiphenyl
Concen: 99.686 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:172 Resp: 497001

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.8	44.6
170	24.5	19.5	29.3



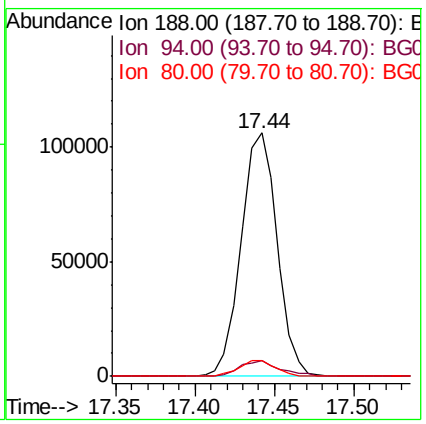


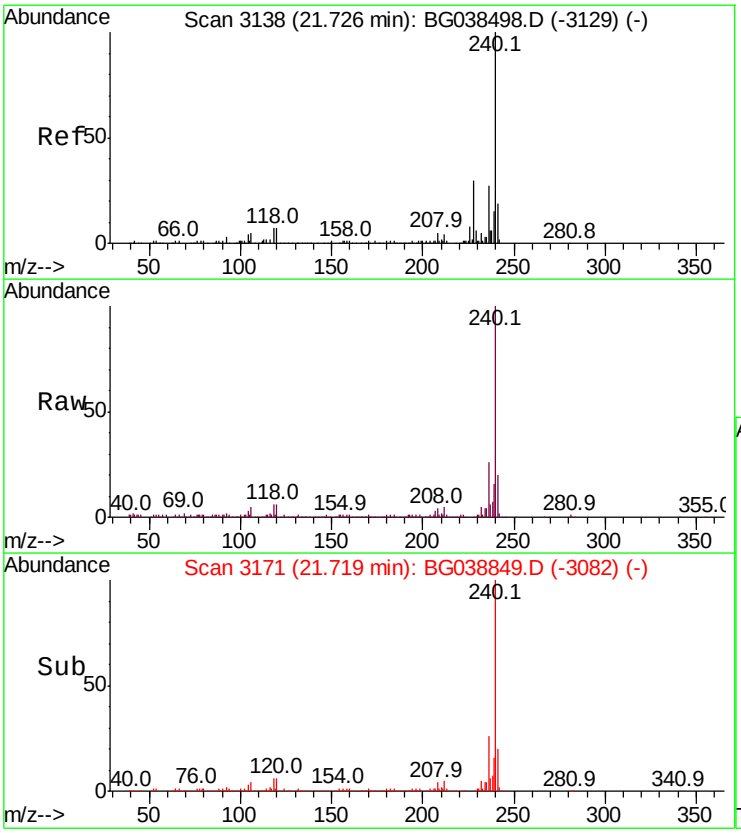
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:188 Resp: 167637

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.7	6.1	9.1

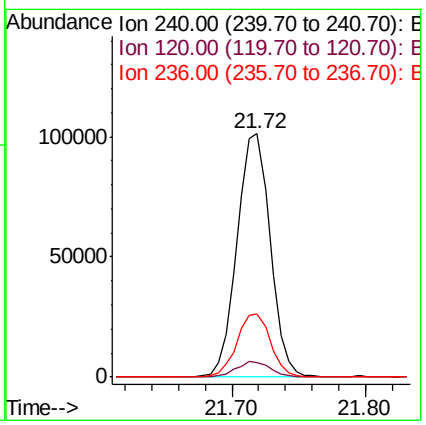


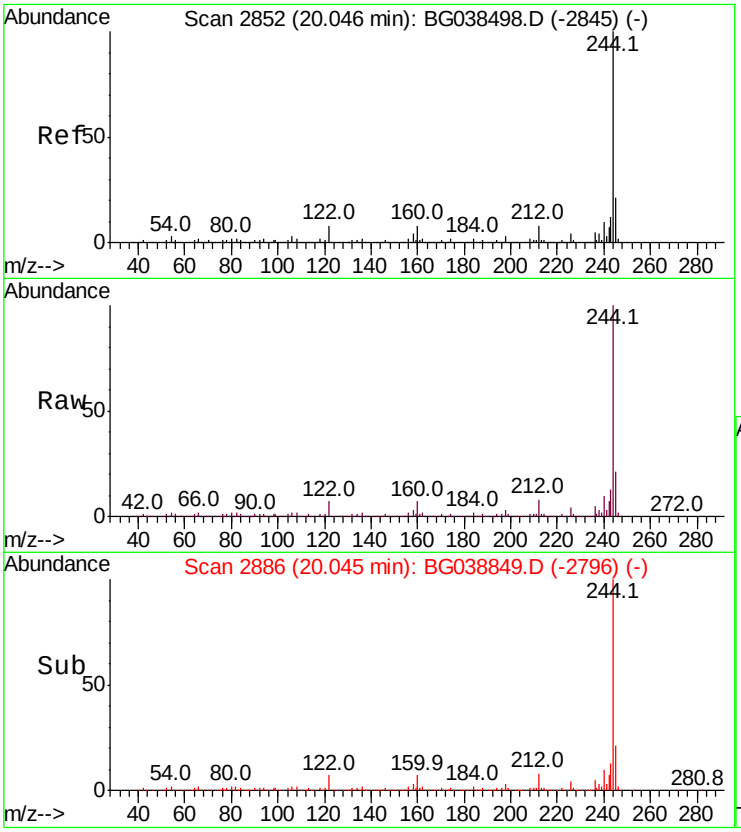


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:240 Resp: 174308

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.3	7.9
236	26.1	21.4	32.2



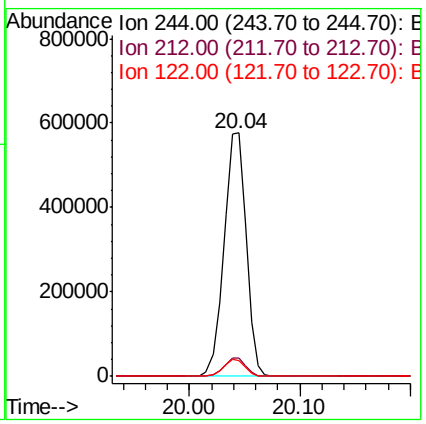


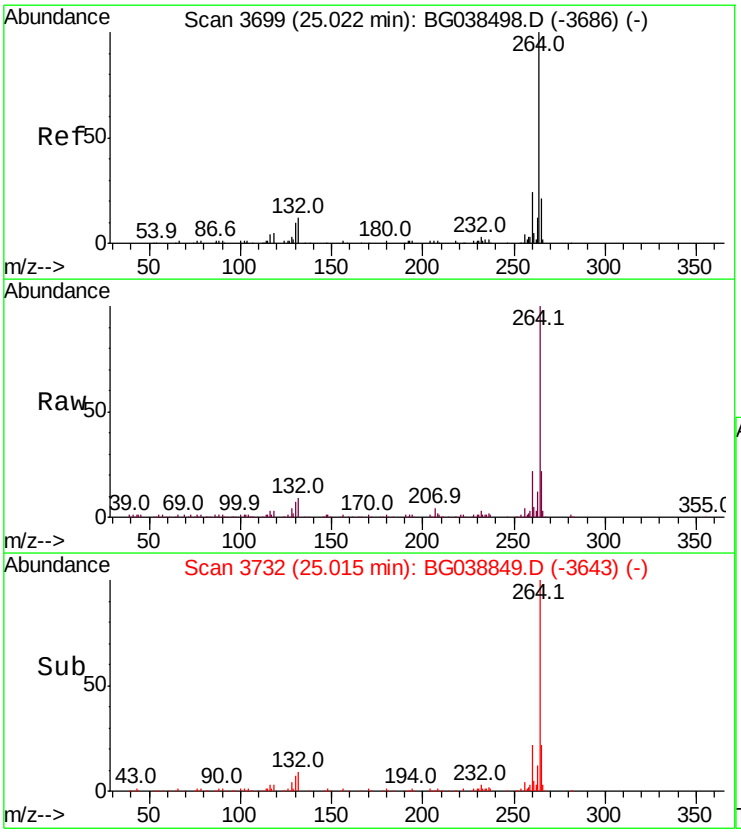
#79
Terphenyl-d14
Concen: 101.413 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tgt Ion:244 Resp: 812245

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	6.5	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: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:264 Resp: 188470

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.9	28.3
265	21.6	17.0	25.4