Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038664.D
Acq On : 17 Dec 2018 15:44
Operator : JU/SJ
Sample : J6378-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD013-0612-01

Quant Time: Dec 18 03:25:42 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	20099	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	81685	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	53988	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	136340	20.00	ng		0.00
76) Chrysene-d12	21.72	240	145950	20.00	ng		0.00
87) Perylene-d12	25.02	264	160459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	183674	162.08	ng		0.00
7) Phenol-d6	7.22	99	251055	161.38	ng		0.00
23) Nitrobenzene-d5	9.24	82	161624	101.08	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	116939	157.17	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	344082	87.43	ng		0.00
79) Terphenyl-d14	20.05	244	625273	93.24	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	15518	9.389	ng		88
13) 1,4-Dichlorobenzene	8.10	146	13722	8.641	ng		95
31) Naphthalene	10.93	128	37209	9.245	ng	#	93
37) 2-Methylnaphthalene	12.53	142	23340	8.129	ng		93
38) 1-Methylnaphthalene	12.74	142	13501	4.846	ng		97
50) Dimethylphthalate	14.14	163	18103	4.106	ng		99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
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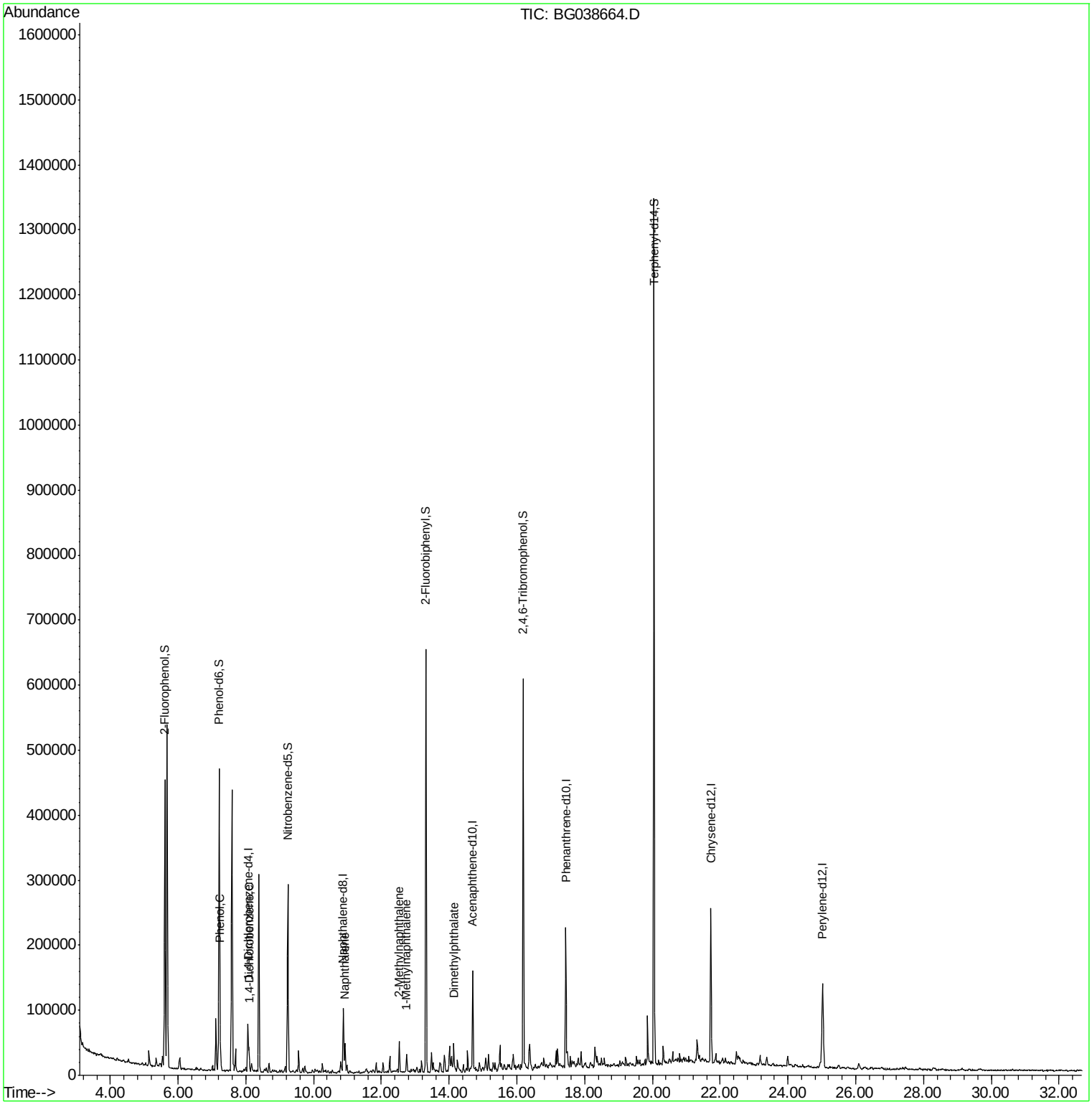
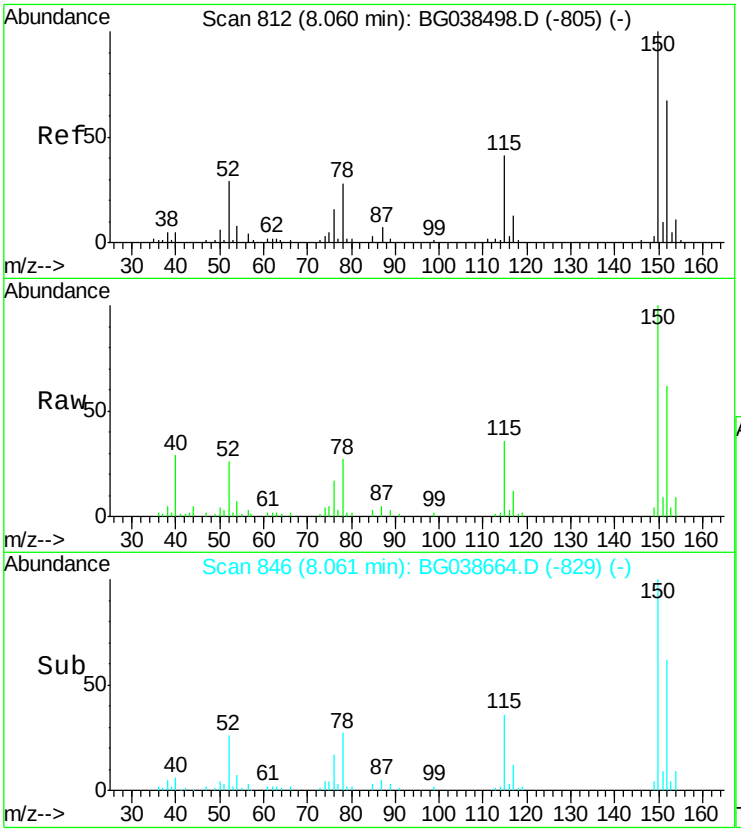


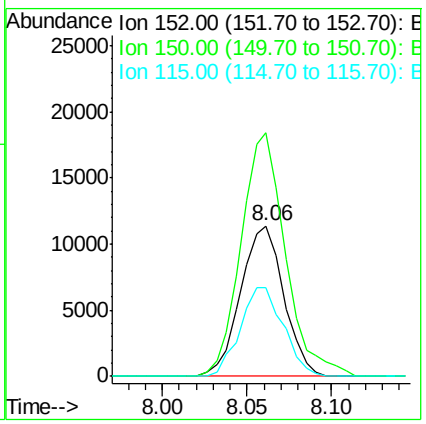


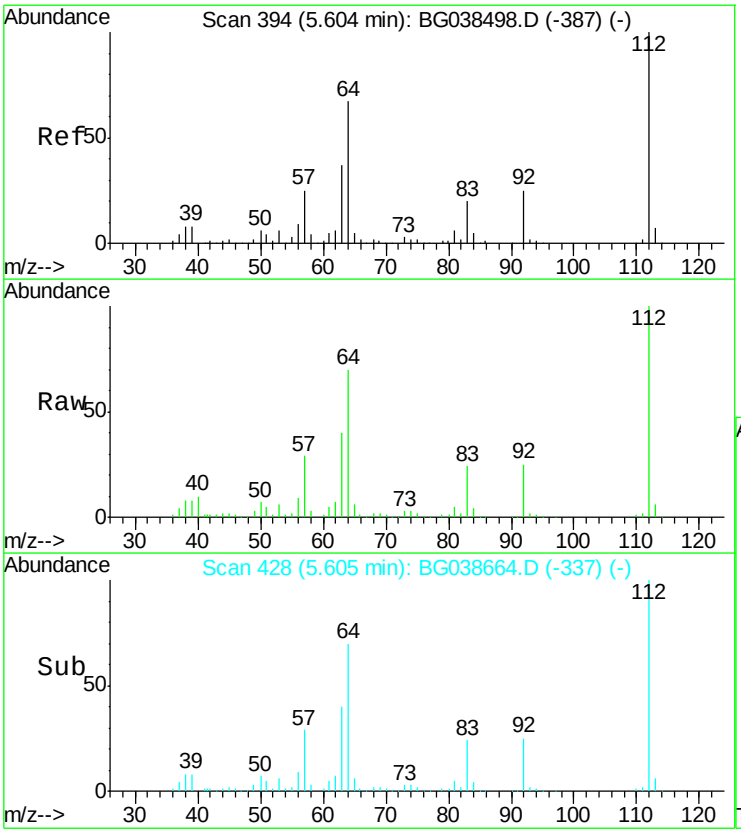
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion:152 Resp: 20099

Ion	Ratio	Lower	Upper
152	100		
150	161.9	119.5	179.3
115	59.0	49.6	74.4

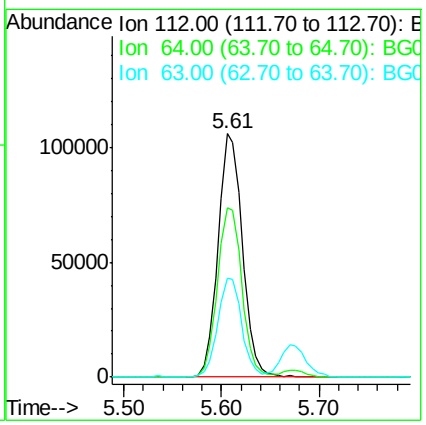


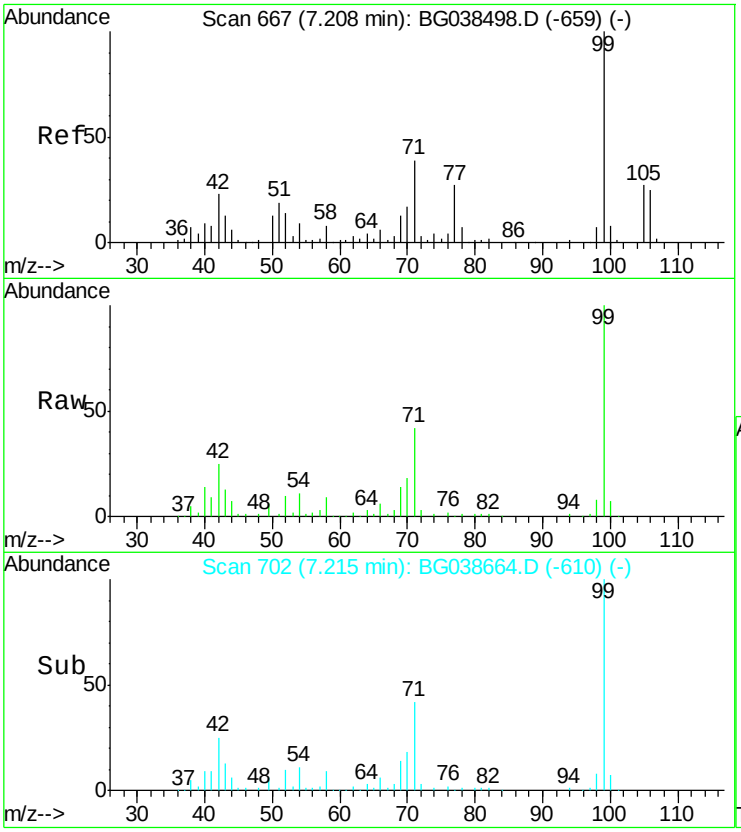


#5
2-Fluorophenol
Concen: 162.085 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:112 Resp: 183674

Ion	Ratio	Lower	Upper
112	100		
64	69.6	53.4	80.2
63	40.5	29.3	43.9



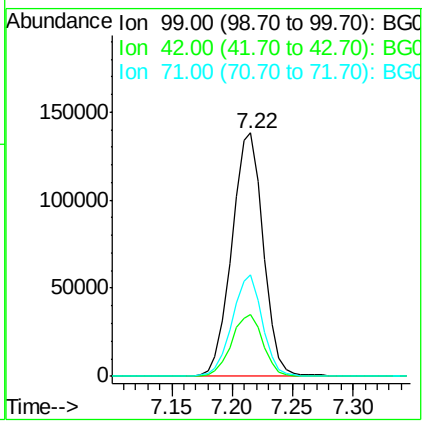


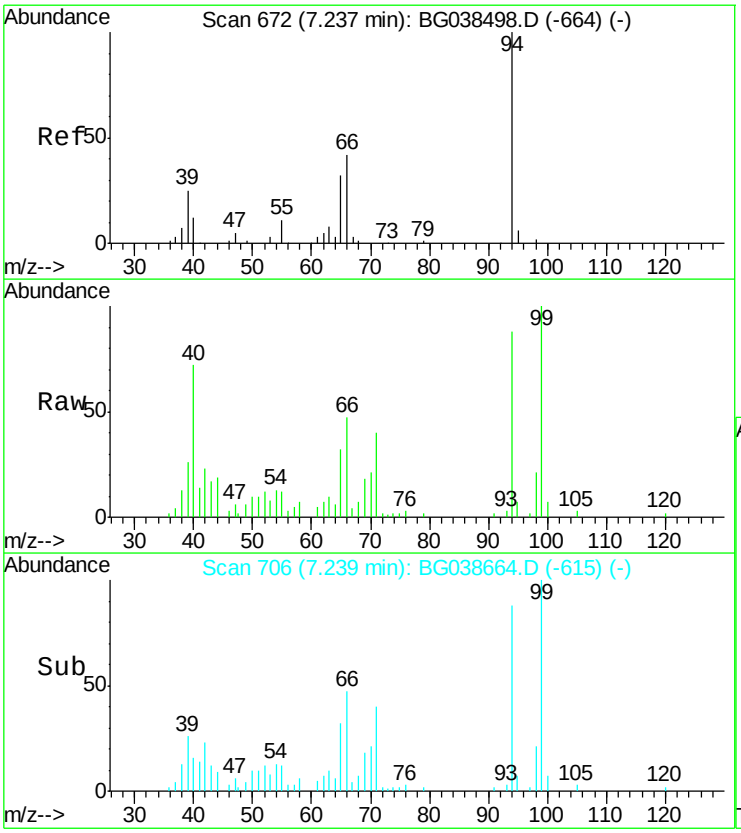
#7
Phenol-d6
Concen: 161.381 ng
RT: 7.22 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion: 99 Resp: 251055

Ion	Ratio	Lower	Upper
99	100		
42	25.2	18.5	27.7
71	41.6	31.1	46.7

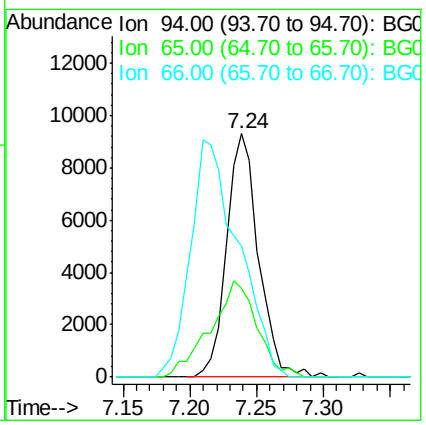


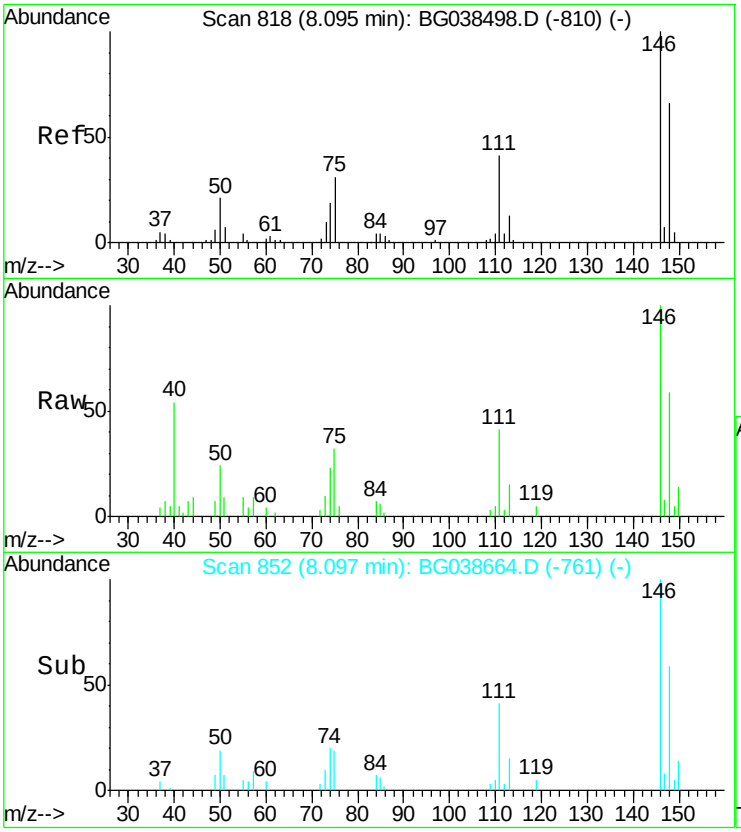


#10
Phenol
Concen: 9.389 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion: 94 Resp: 15518

Ion	Ratio	Lower	Upper
94	100		
65	36.6	12.6	52.6
66	53.9	24.1	64.1



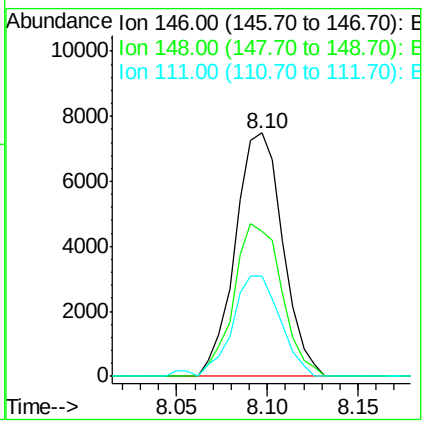


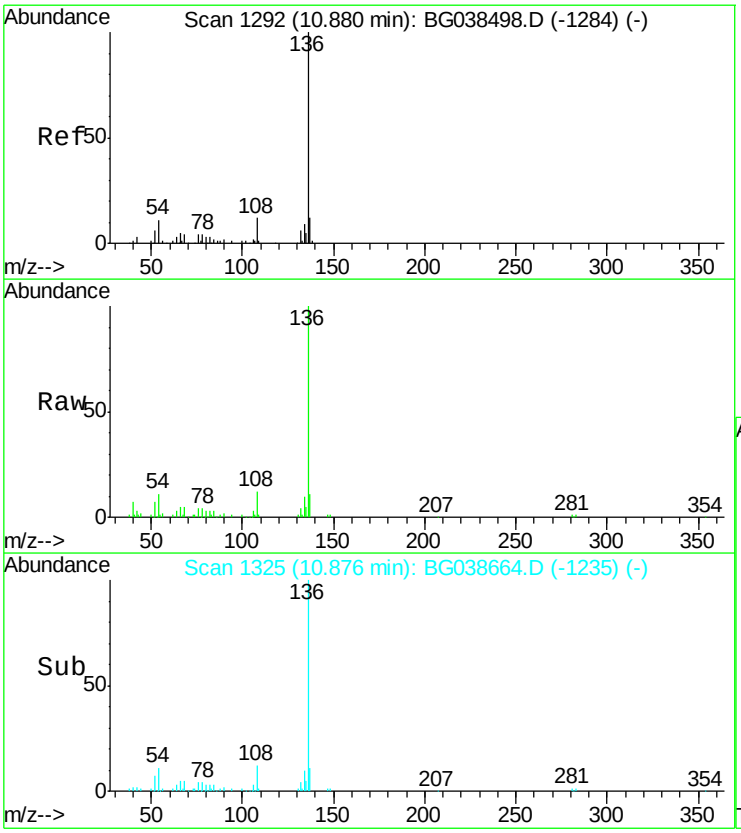
#13
1,4-Dichlorobenzene
Concen: 8.641 ng
RT: 8.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion:146 Resp: 13722

Ion	Ratio	Lower	Upper
146	100		
148	59.4	52.4	78.6
111	41.0	33.0	49.4

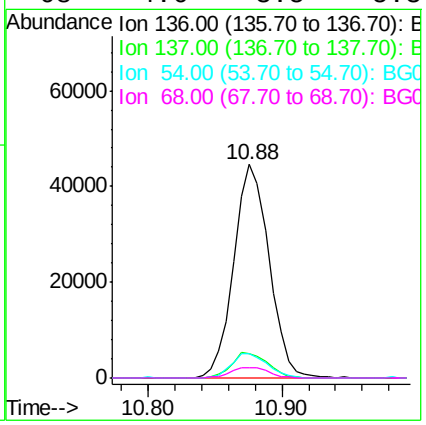


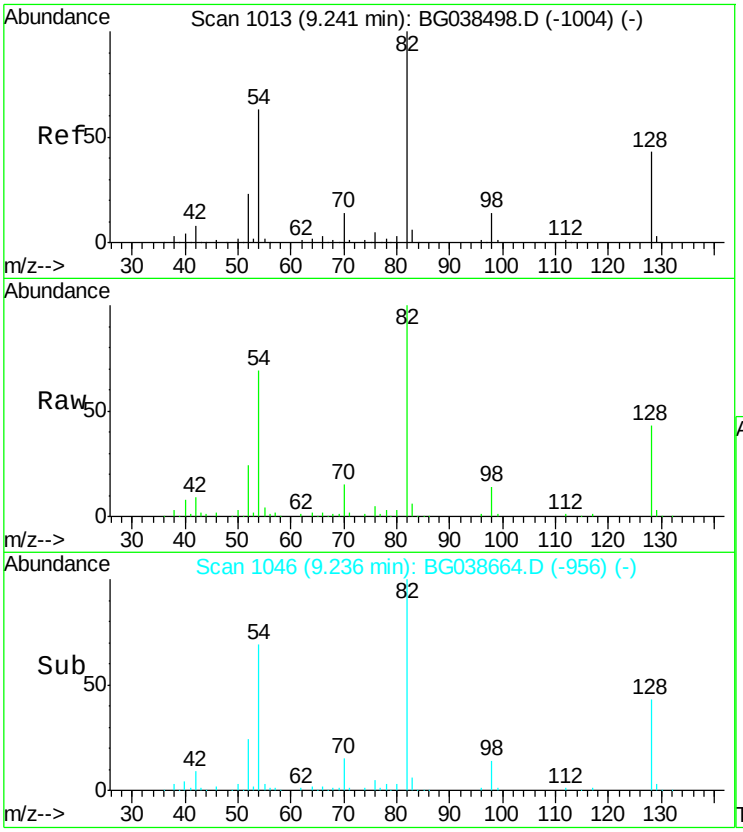


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:136 Resp: 81685

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	11.2	8.5	12.7
68	4.6	3.5	5.3



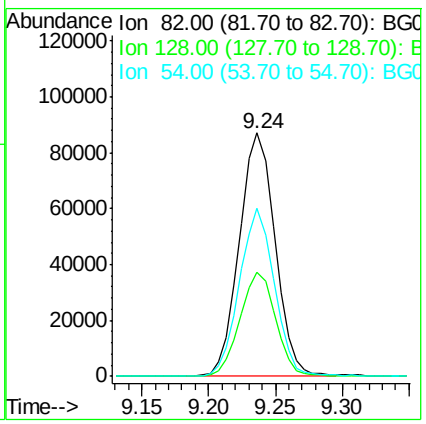


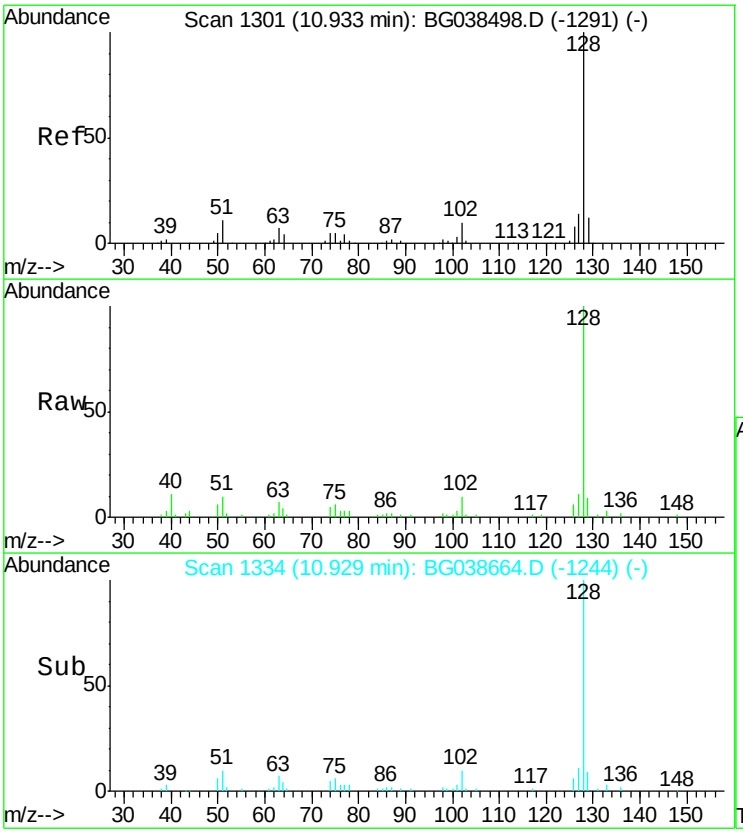
#23
Nitrobenzene-d5
Concen: 101.082 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion: 82 Resp: 161624

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	68.9	50.6	76.0

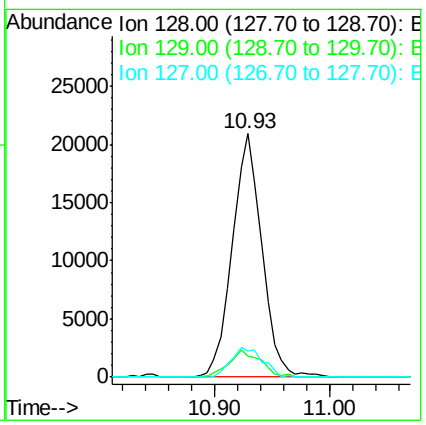


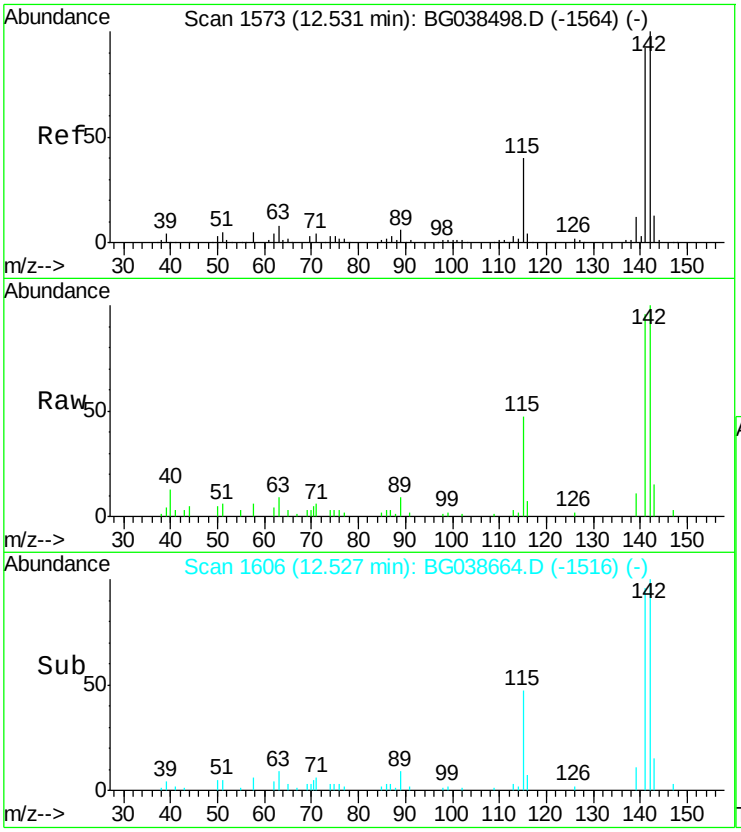


#31
Naphthalene
Concen: 9.245 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:128 Resp: 37209

Ion	Ratio	Lower	Upper
128	100		
129	8.6	9.5	14.3#
127	10.9	10.9	16.3



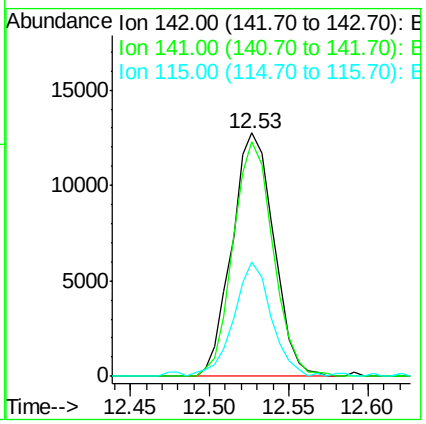


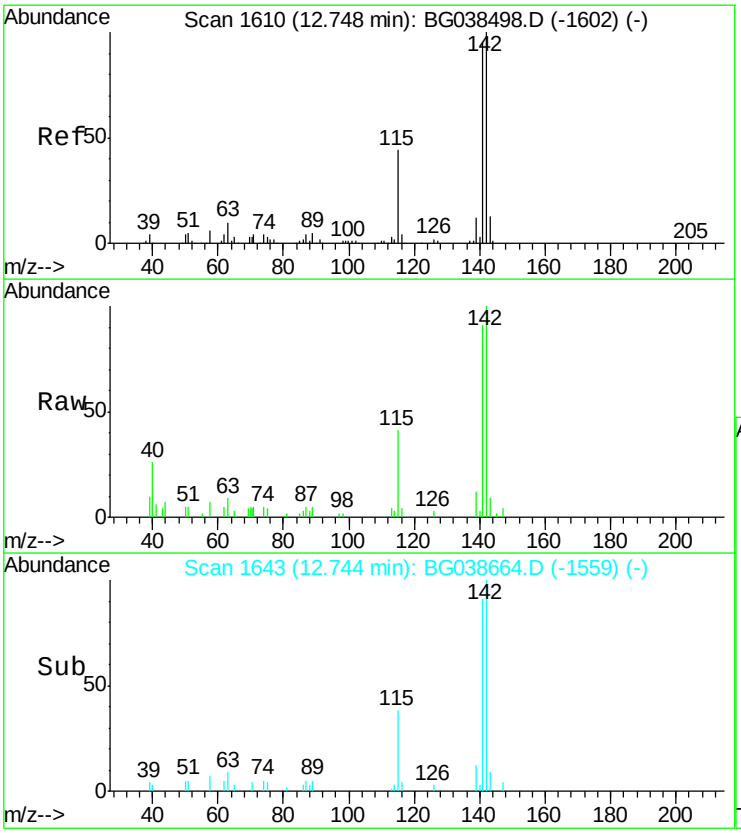
#37
2-Methylnaphthalene
Concen: 8.129 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion:142 Resp: 23340

Ion	Ratio	Lower	Upper
142	100		
141	96.4	73.5	110.3
115	47.0	31.7	47.5

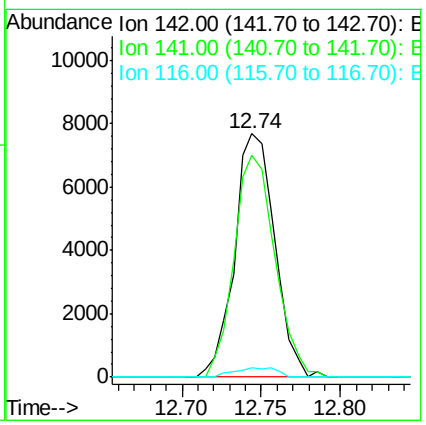


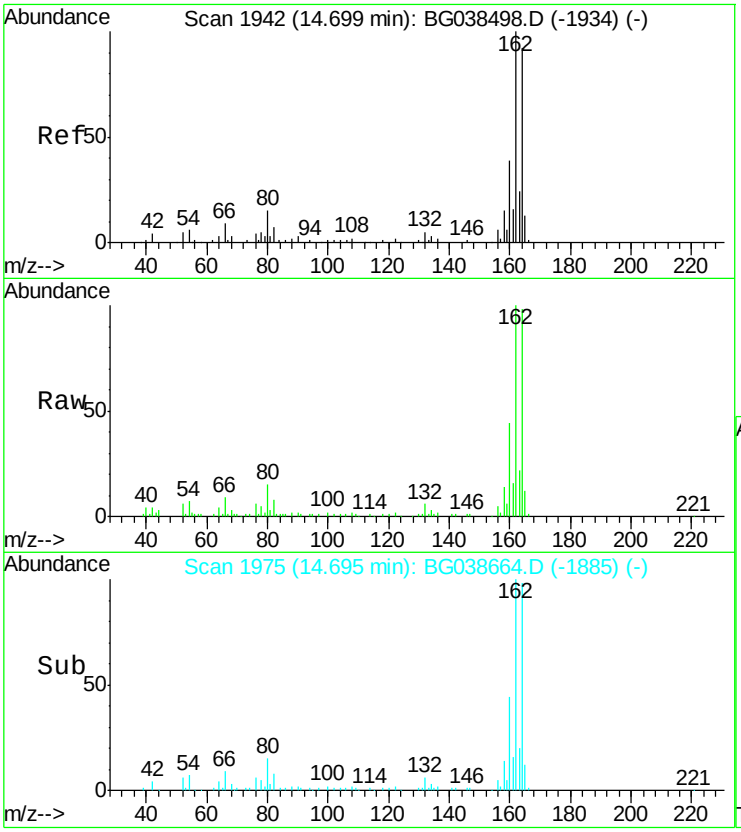


#38
1-Methylnaphthalene
Concen: 4.846 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:142 Resp: 13501

Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.8	113.8
116	3.9	3.6	5.4



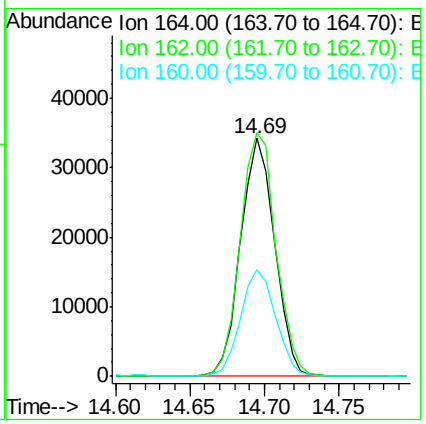


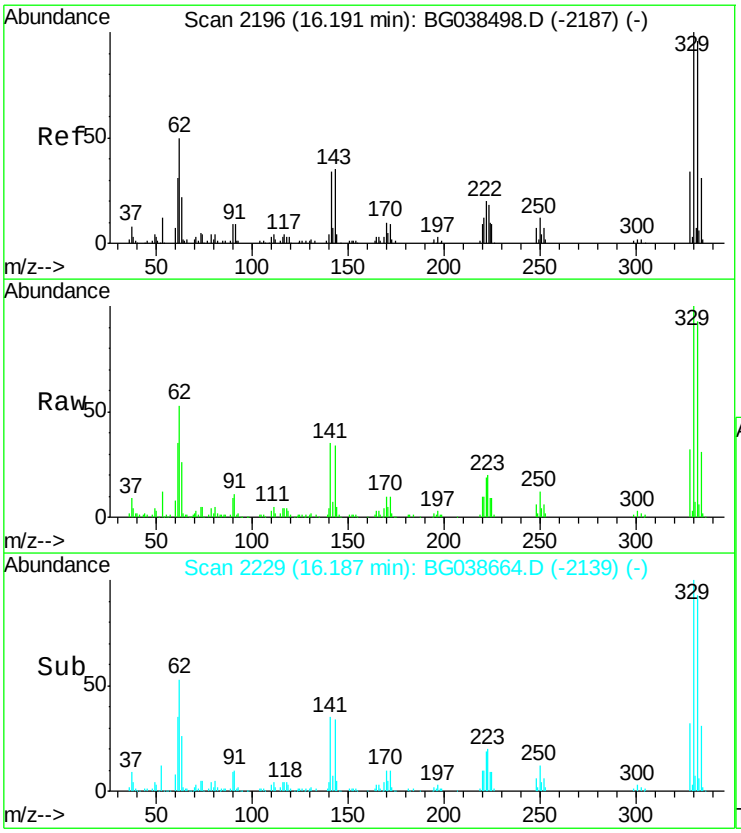
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion:164 Resp: 53988

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.6	130.0
160	44.8	34.2	51.2

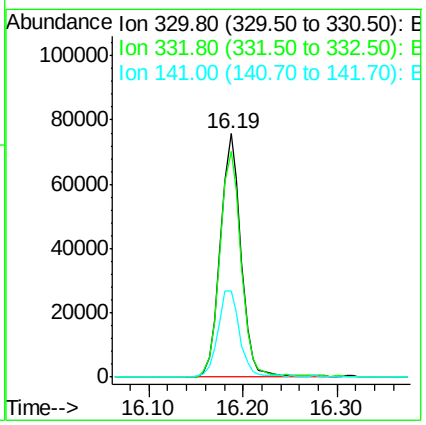


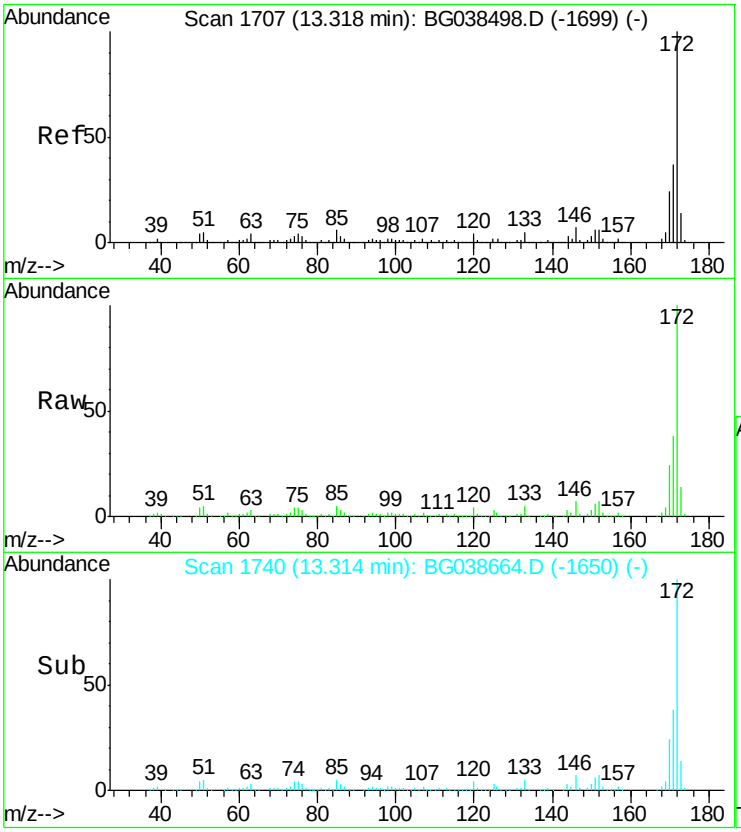


#42
2,4,6-Tribromophenol
Concen: 157.165 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:330 Resp: 116939

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.9	115.3
141	37.9	28.8	43.2



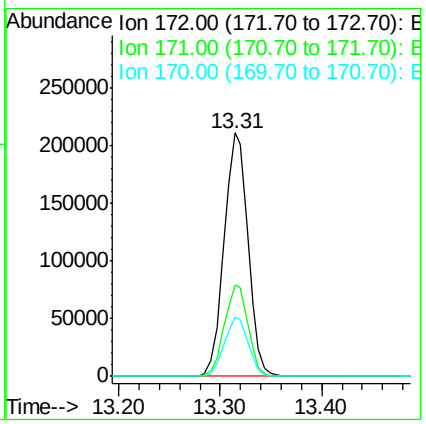


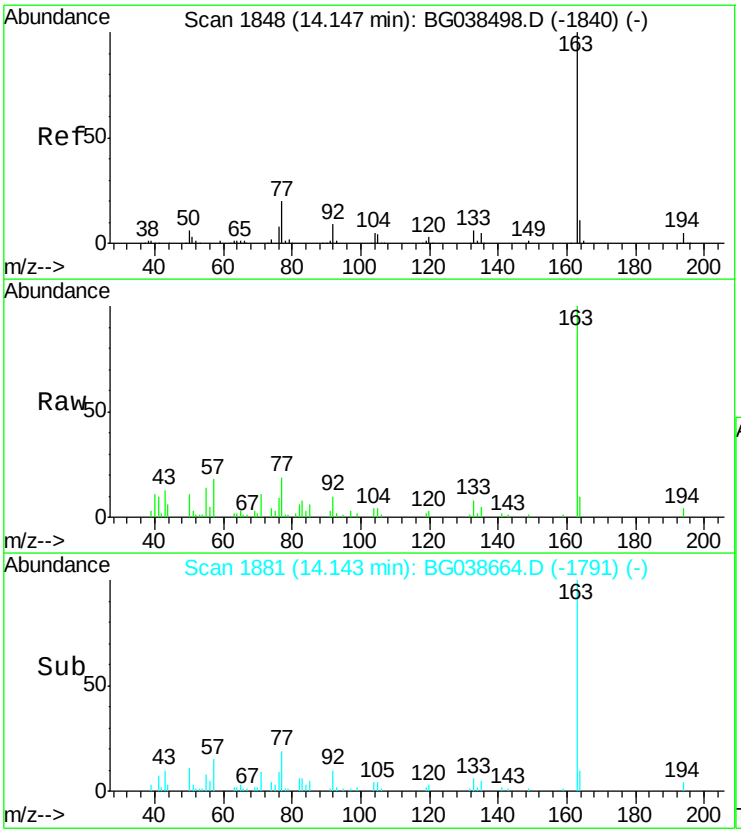
#45
2-Fluorobiphenyl
Concen: 87.432 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion:172 Resp: 344082

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	24.3	19.5	29.3

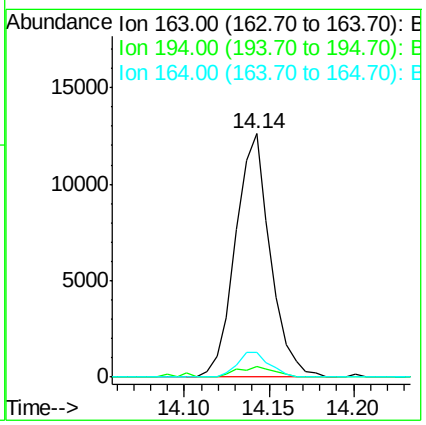


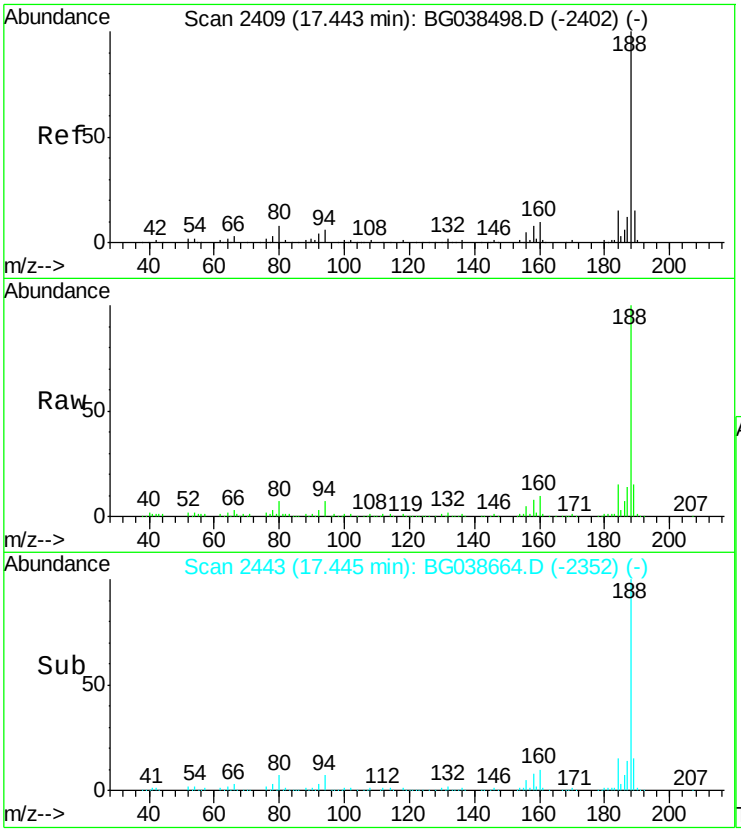


#50
Dimethylphthalate
Concen: 4.106 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:163 Resp: 18103

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.4	8.6	12.8



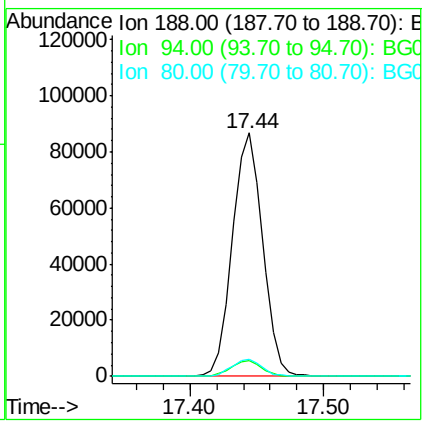


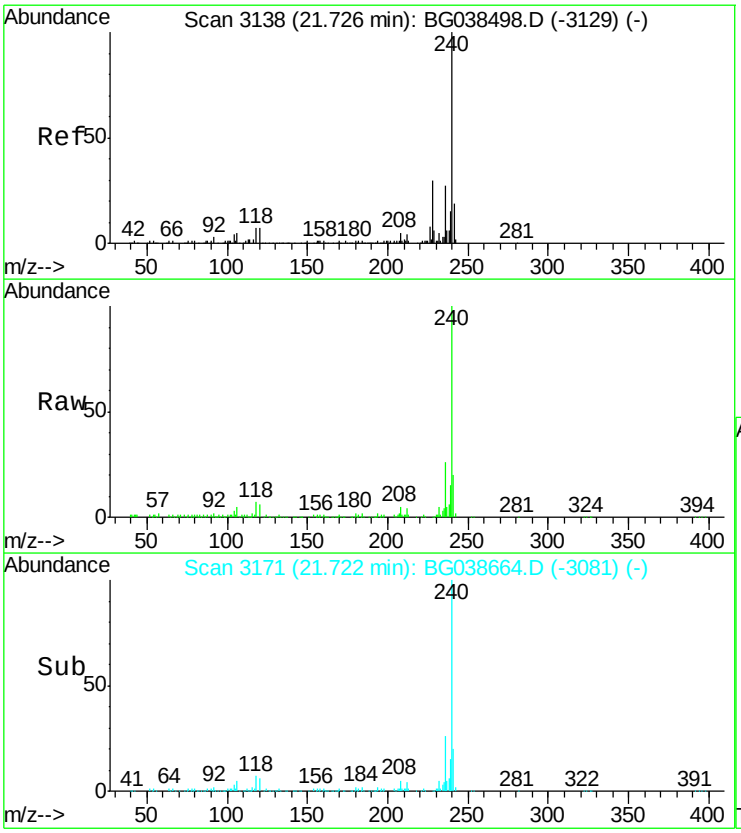
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion:188 Resp: 136340

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.1	7.7
80	6.8	6.1	9.1

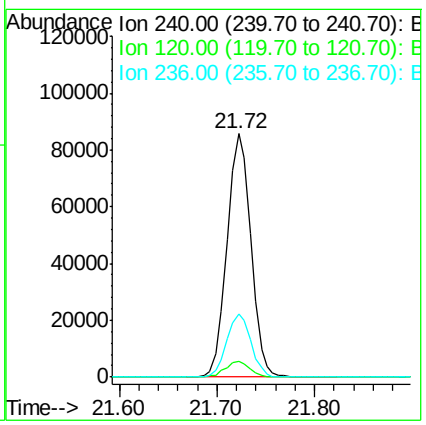


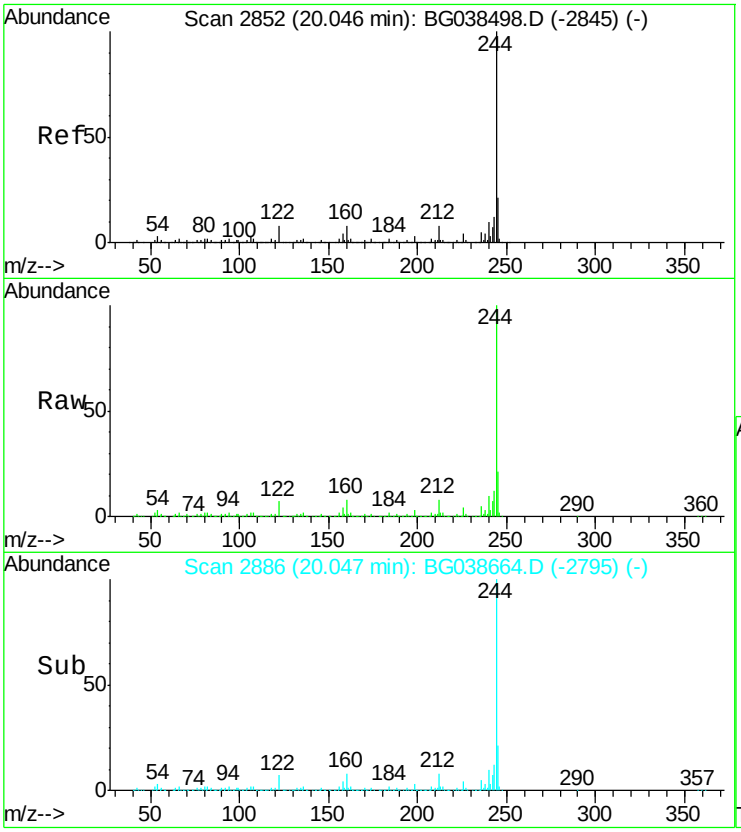


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:240 Resp: 145950

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.3	7.9
236	26.0	21.4	32.2



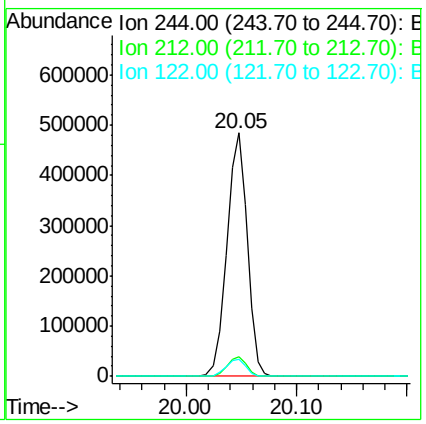


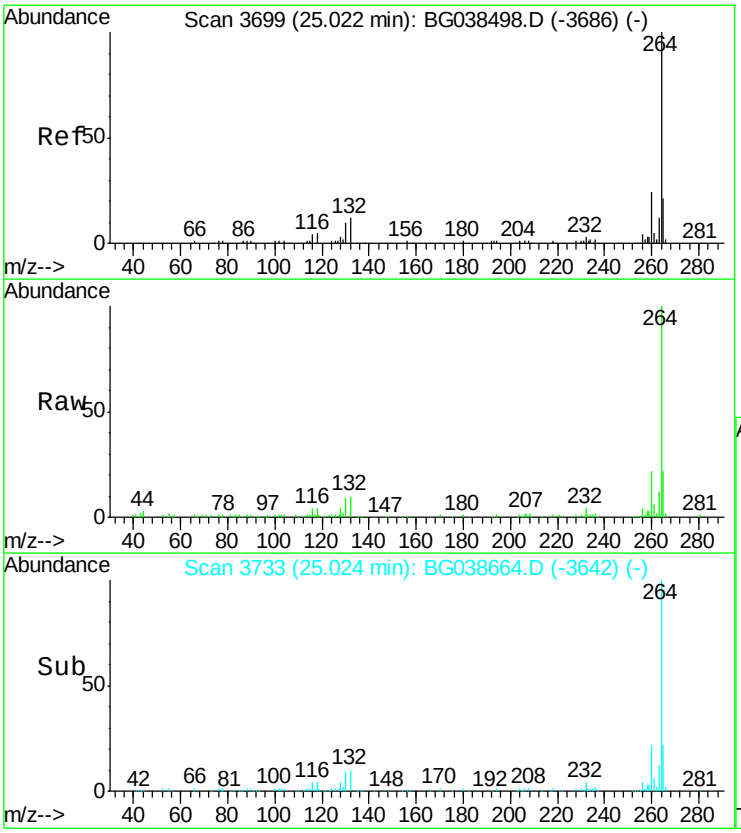
#79
Terphenyl-d14
Concen: 93.238 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Instrument :
BNA_G
ClientSampleId :
P001-SD013-0612-01

Tgt Ion:244 Resp: 625273

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	7.0	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038664.D
Acq: 17 Dec 2018 15:44

Tgt Ion:264 Resp: 160459

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.9	28.3
265	21.7	17.0	25.4