Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
Data File : BG038879.D
Acq On : 28 Dec 2018 18:32
Operator : JU/SJ
Sample : J6193-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-122718-A

Quant Time: Dec 29 00:45:15 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	22566	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	96661	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	73283	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	183393	20.00	ng	0.00
76) Chrysene-d12	21.72	240	189313	20.00	ng	0.00
87) Perylene-d12	25.02	264	200978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	144617	113.67	ng	0.00
7) Phenol-d6	7.22	99	191750	109.78	ng	0.01
23) Nitrobenzene-d5	9.23	82	138215	73.05	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	128809	127.54	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	407564	76.30	ng	0.00
79) Terphenyl-d14	20.04	244	771655	88.71	ng	0.00
Target Compounds						Qvalue

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

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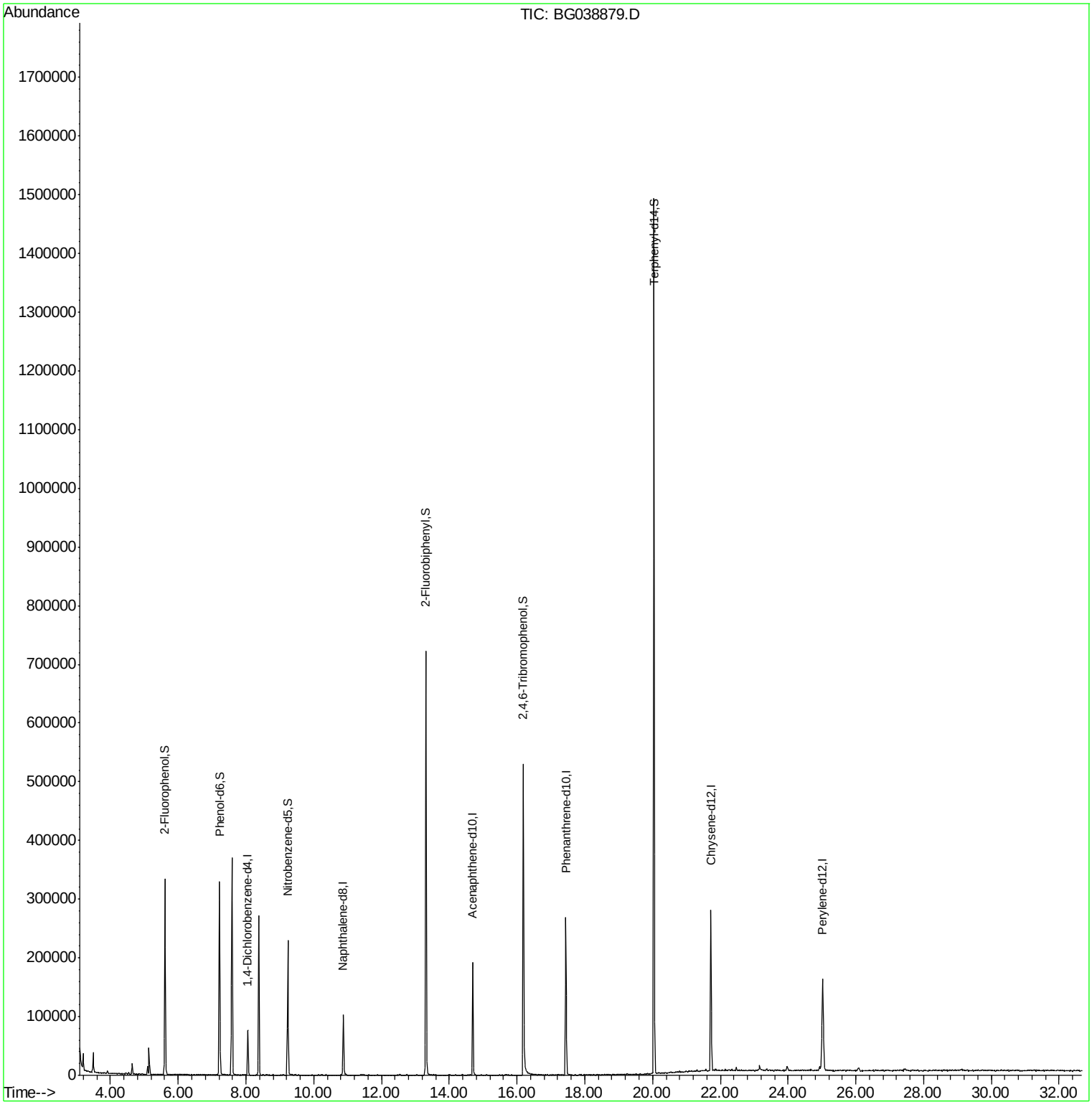
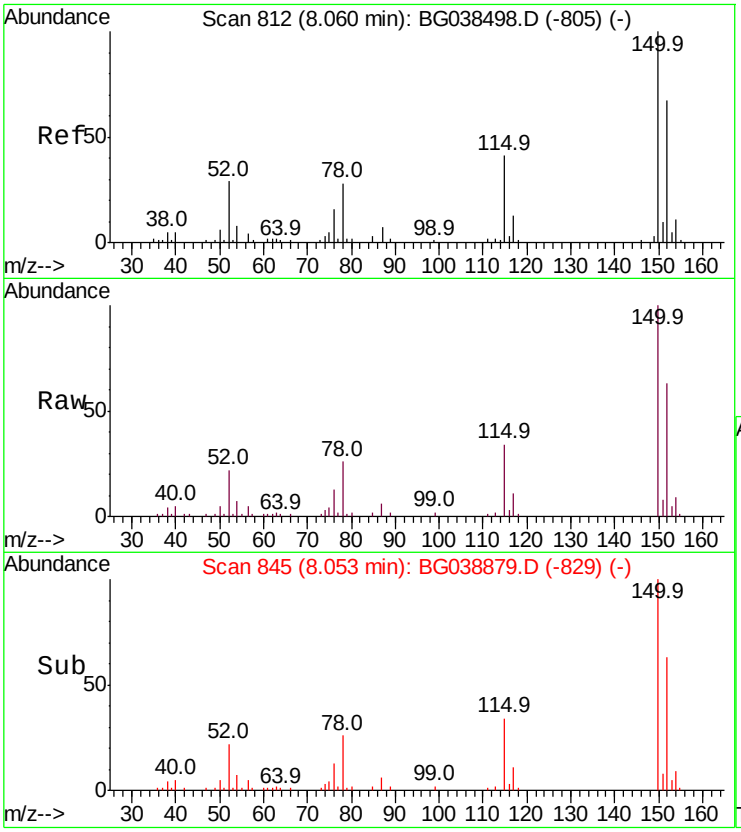


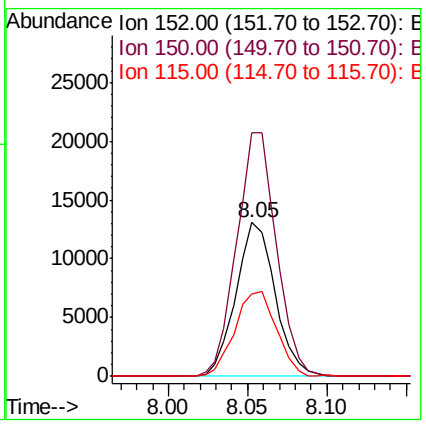


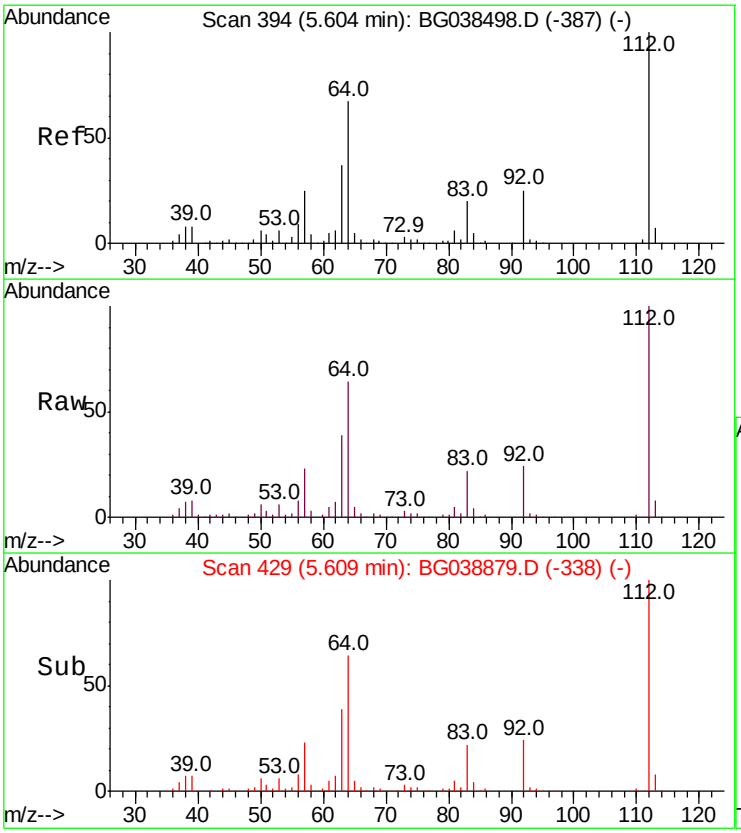
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Instrument :
BNA_G
ClientSampleId :
CL-02-122718-A

Tgt Ion:152 Resp: 22566

Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.5	179.3
115	53.6	49.6	74.4

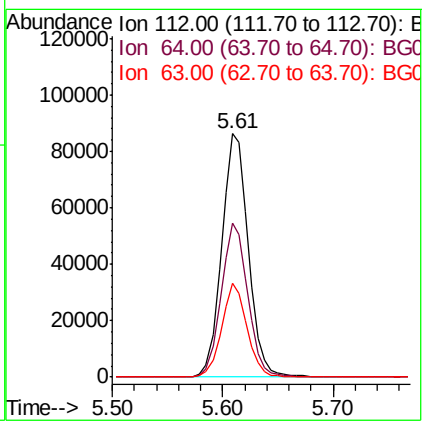


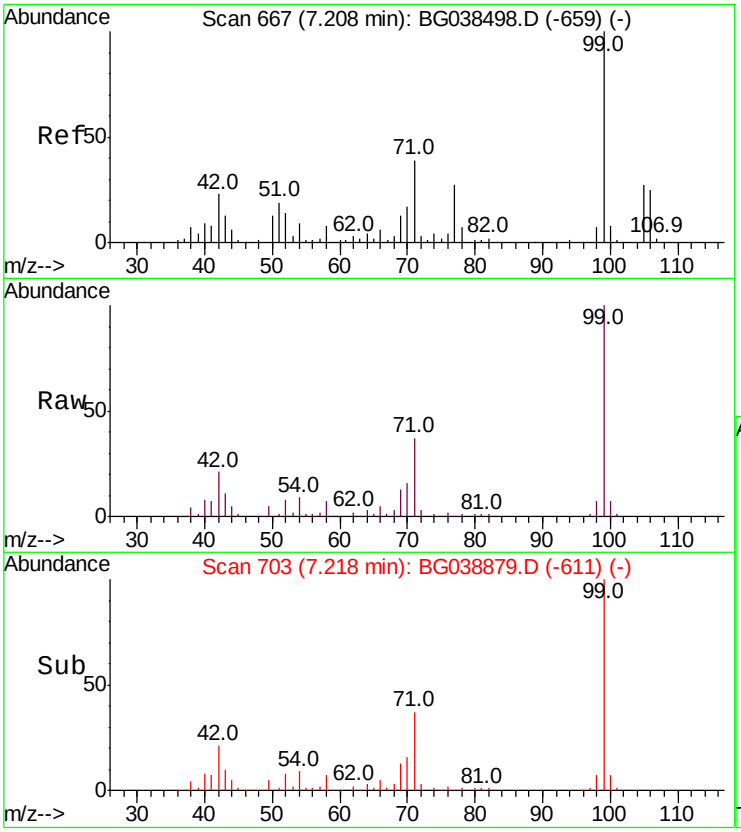


#5
2-Fluorophenol
Concen: 113.667 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Tgt Ion:112 Resp: 144617

Ion	Ratio	Lower	Upper
112	100		
64	63.5	53.4	80.2
63	38.6	29.3	43.9



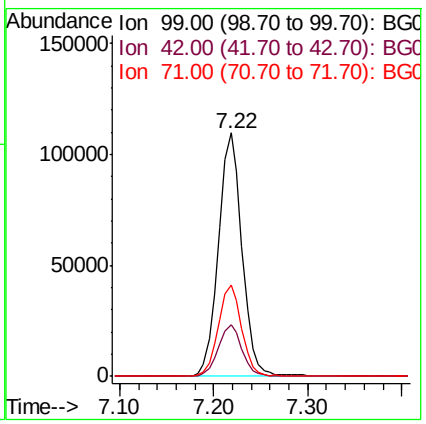


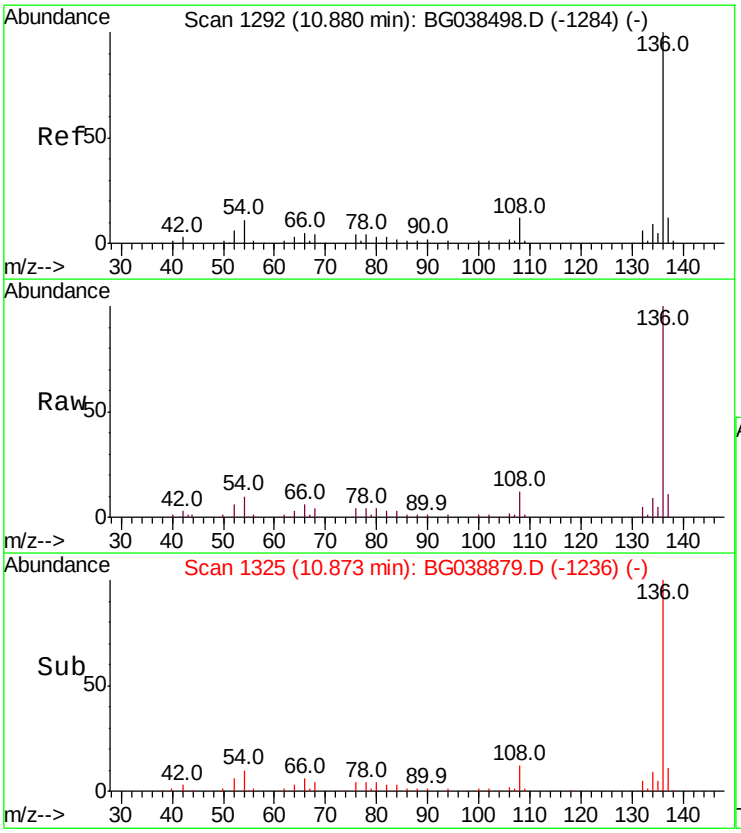
#7
Phenol-d6
Concen: 109.784 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Instrument :
BNA_G
ClientSampleId :
CL-02-122718-A

Tgt Ion: 99 Resp: 191750

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.5	27.7
71	37.3	31.1	46.7

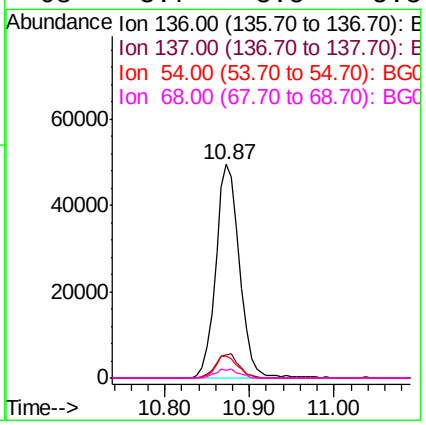


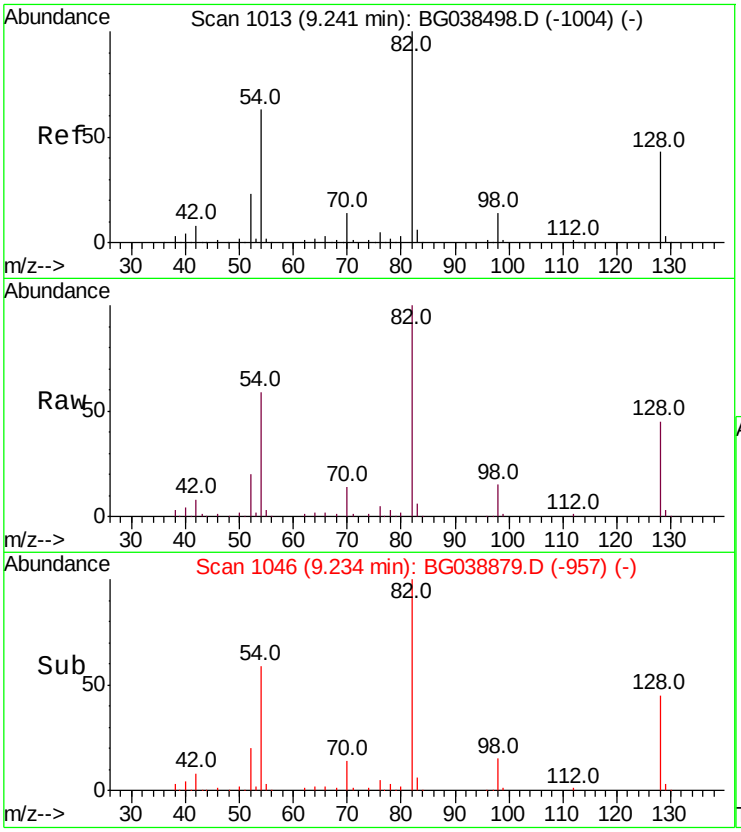


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Tgt Ion:136 Resp: 96661

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	10.2	8.5	12.7
68	3.7	3.5	5.3



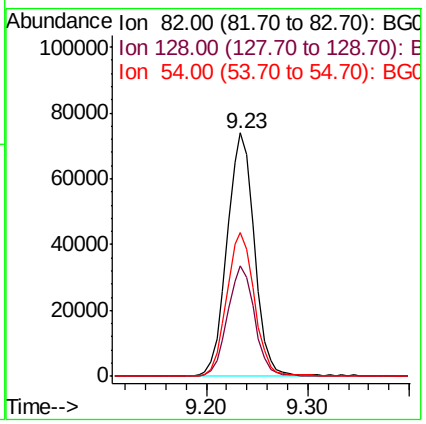


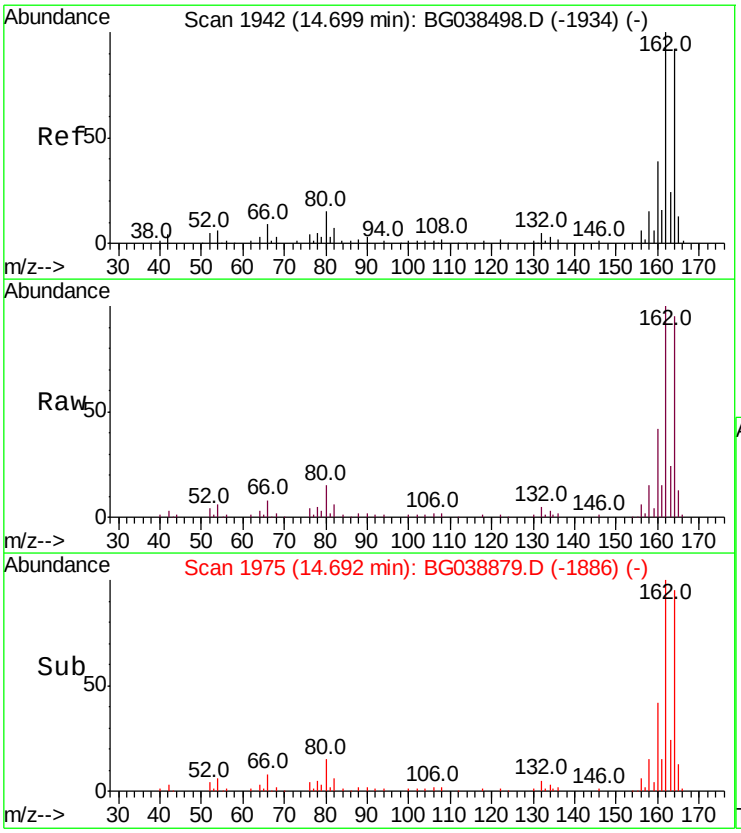
#23
Nitrobenzene-d5
Concen: 73.049 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Instrument :
BNA_G
ClientSampleId :
CL-02-122718-A

Tgt Ion: 82 Resp: 138215

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	52.0
54	59.3	50.6	76.0

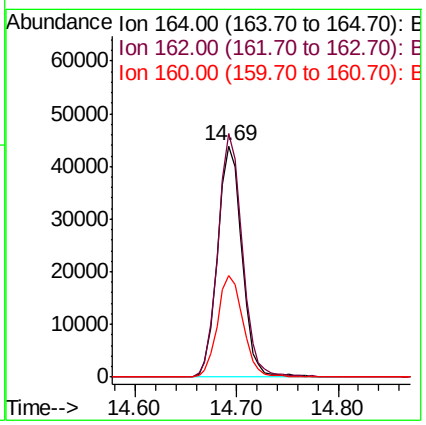


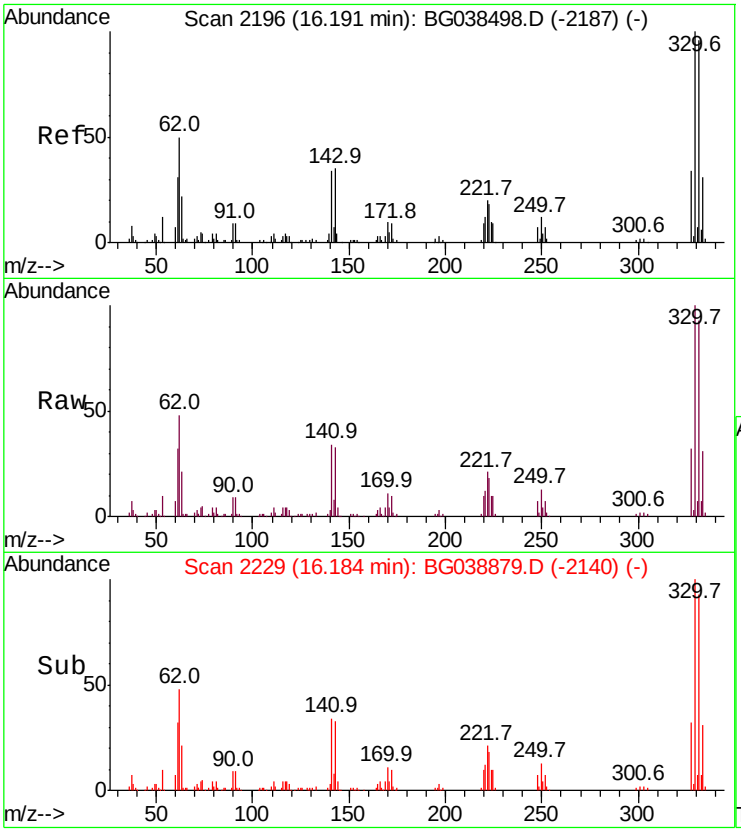


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Tgt Ion:164 Resp: 73283

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.6	130.0
160	44.0	34.2	51.2



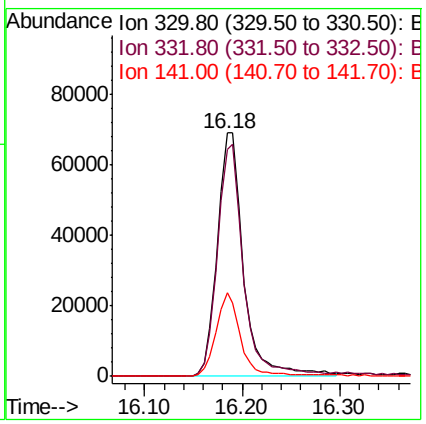


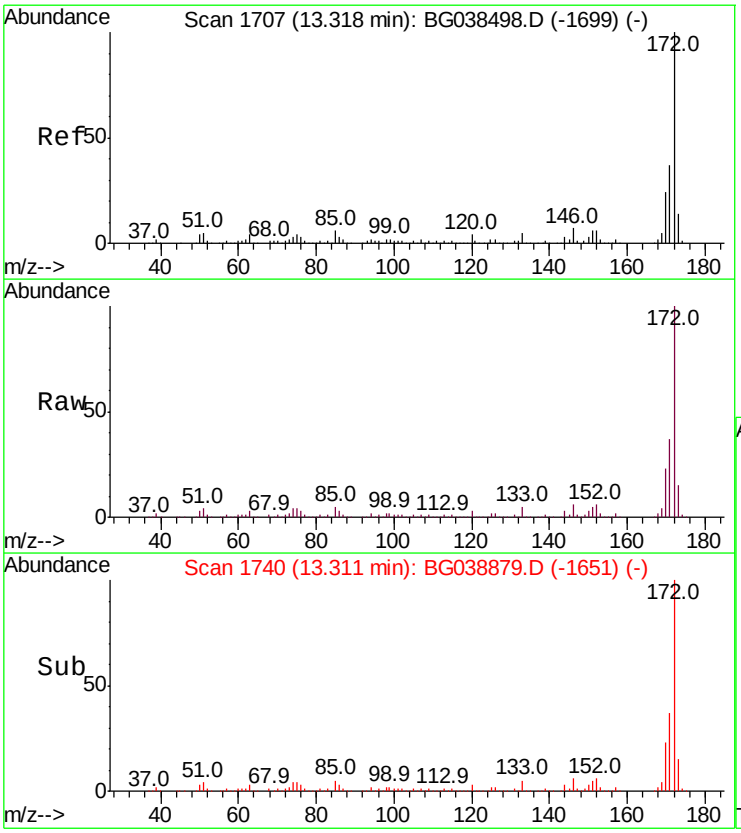
#42
2,4,6-Tribromophenol
Concen: 127.537 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Instrument :
BNA_G
ClientSampleId :
CL-02-122718-A

Tgt Ion:330 Resp: 128809

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.9	115.3
141	32.3	28.8	43.2

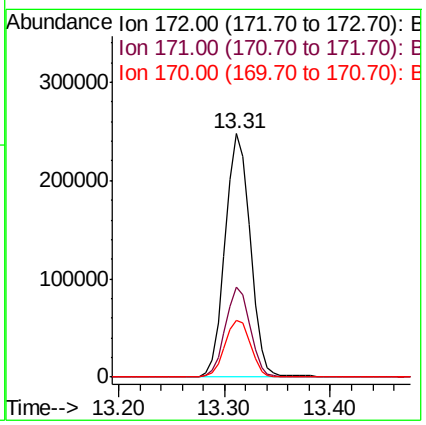


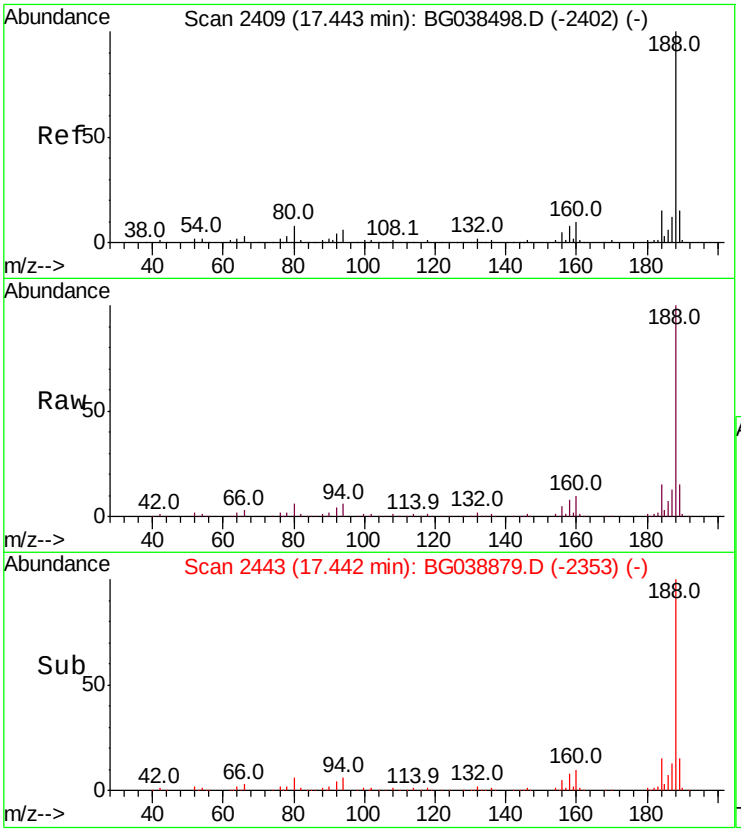


#45
2-Fluorobiphenyl
Concen: 76.295 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Tgt Ion:172 Resp: 407564

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	23.4	19.5	29.3



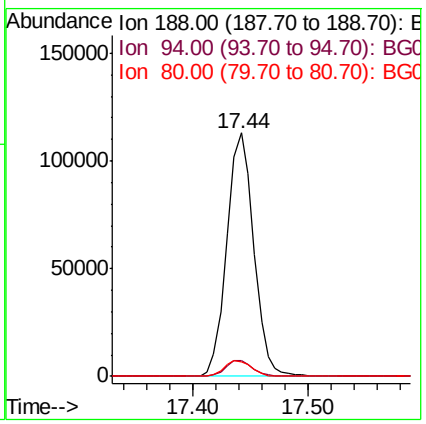


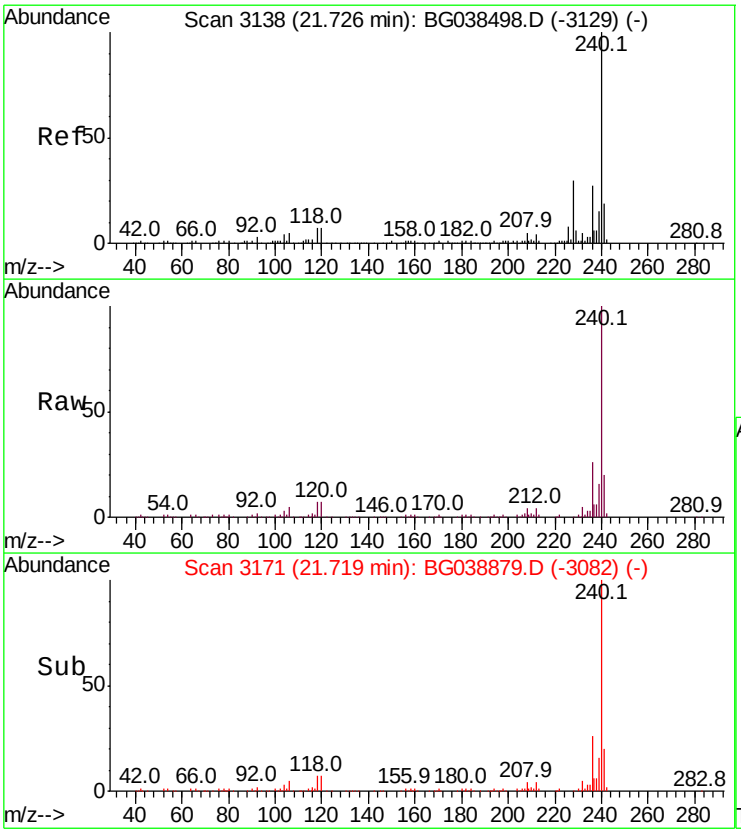
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Instrument :
BNA_G
ClientSampleId :
CL-02-122718-A

Tgt Ion:188 Resp: 183393

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	6.1	6.1	9.1

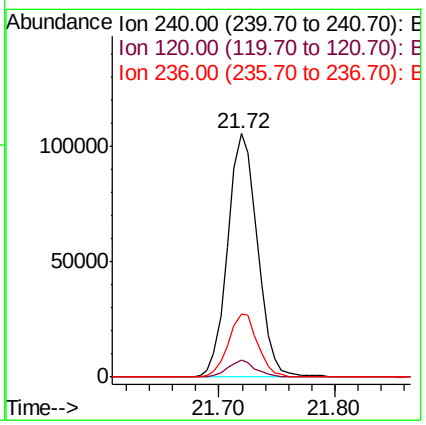


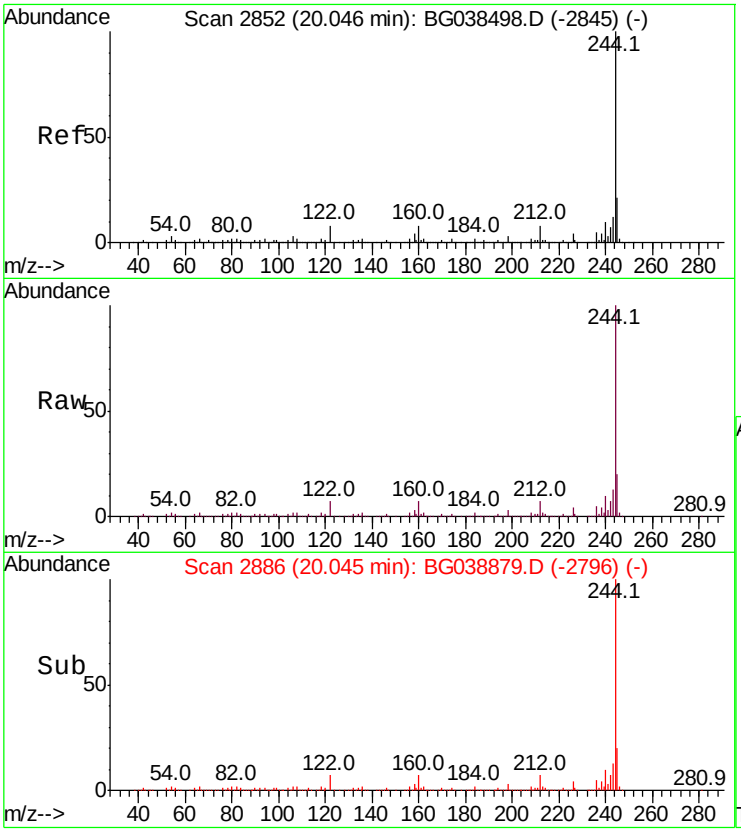


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Tgt Ion:240 Resp: 189313

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.3	7.9
236	25.9	21.4	32.2



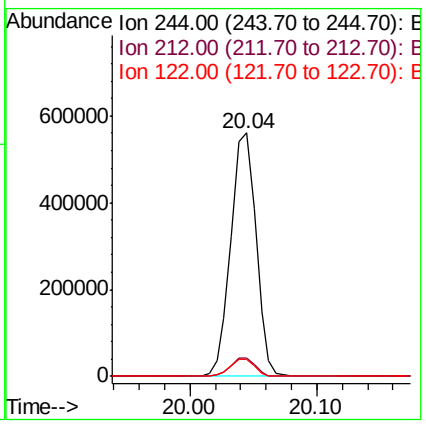


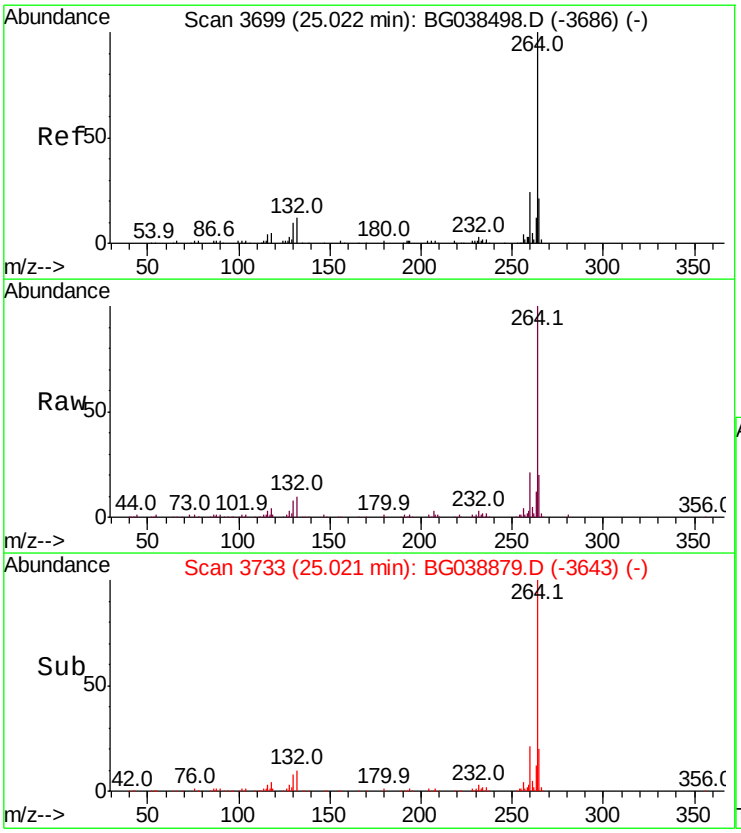
#79
Terphenyl-d14
Concen: 88.709 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038879.D
Acq: 28 Dec 2018 18:32

Instrument :
BNA_G
ClientSampleId :
CL-02-122718-A

Tgt Ion:244 Resp: 771655

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	6.8	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: BG038879.D
Acq: 28 Dec 2018 18:32

Tgt Ion:264 Resp: 200978

Ion	Ratio	Lower	Upper
264	100		
260	21.0	18.9	28.3
265	20.5	17.0	25.4