Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031748.D
Acq On : 23 Dec 2017 14:33
Operator : SJ/JU
Sample : I6677-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-122117-B

Quant Time: Dec 26 00:25:59 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	45888	20.00	ng	0.00
21) Naphthalene-d8	11.71	136	186900	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	130345	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	321707	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	374852	20.00	ng	-0.02
86) Perylene-d12	26.34	264	404613	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	54420	21.60	ng	0.00
7) Phenol-d6	7.92	99	66841	20.43	ng	-0.01
23) Nitrobenzene-d5	10.02	82	39587	15.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	35459	17.83	ng	-0.01
44) 2-Fluorobiphenyl	14.08	172	165347	15.92	ng	-0.02
78) Terphenyl-d14	20.73	244	310404	18.92	ng	-0.01
Target Compounds						Qvalue

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

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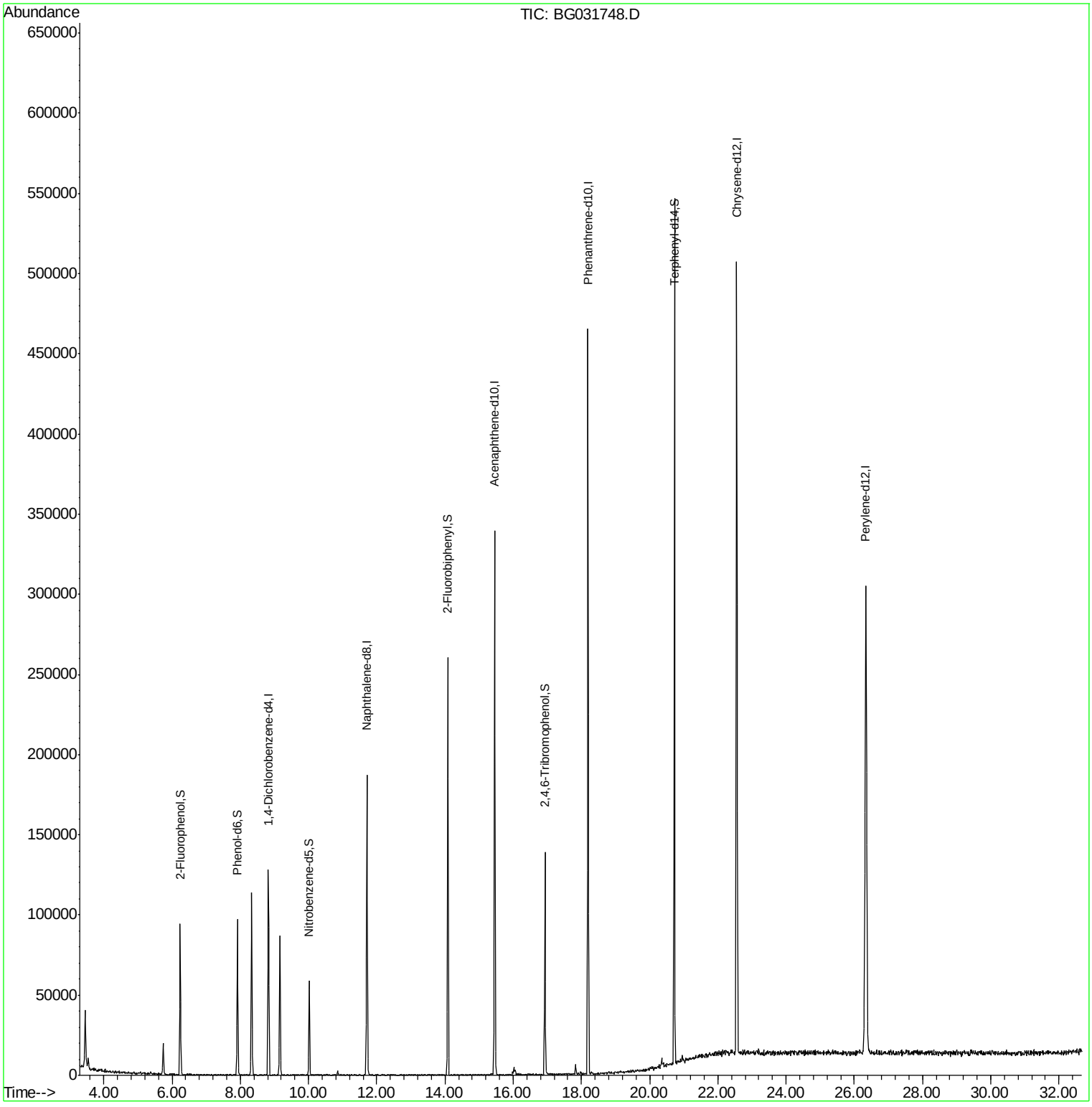
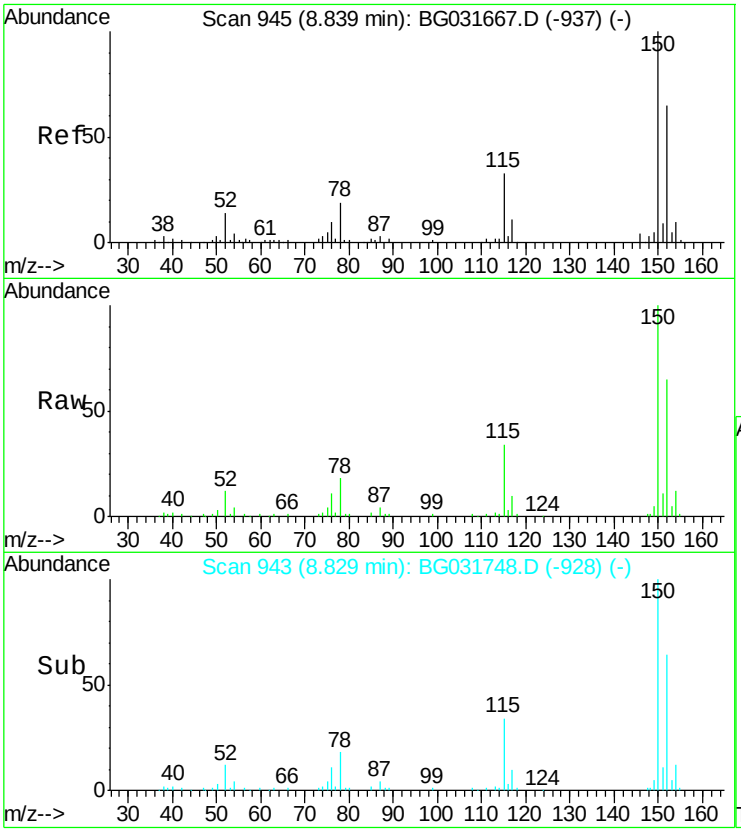


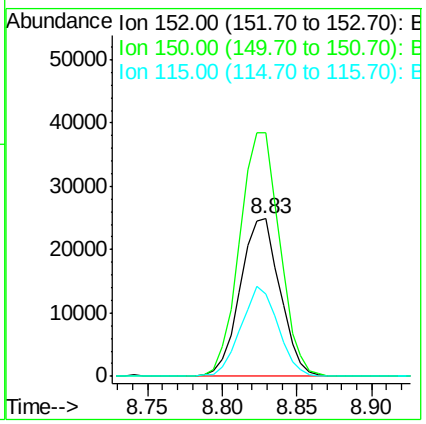


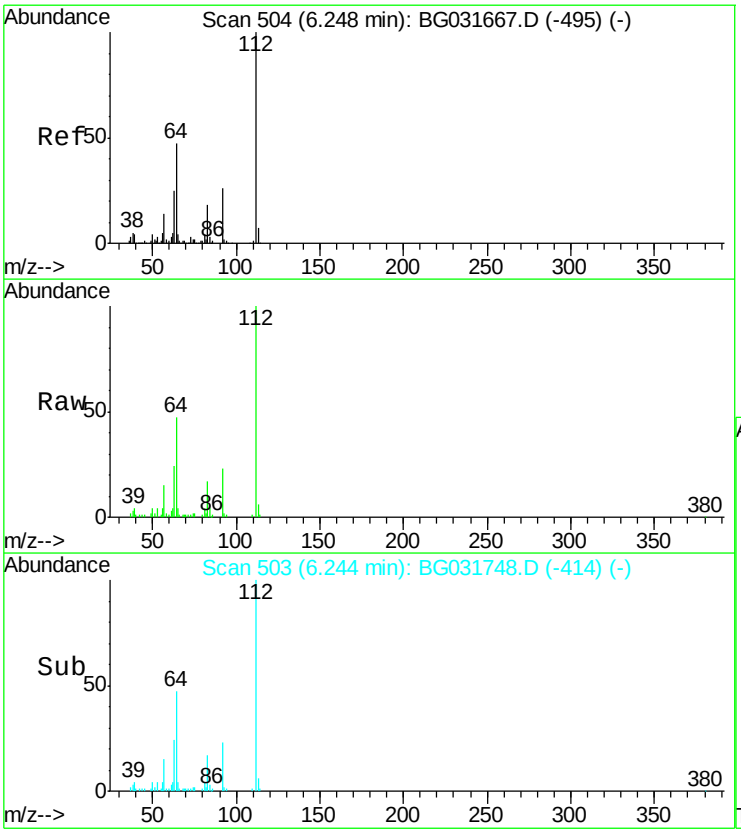
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion:152 Resp: 45888

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	52.7	53.0	79.4#

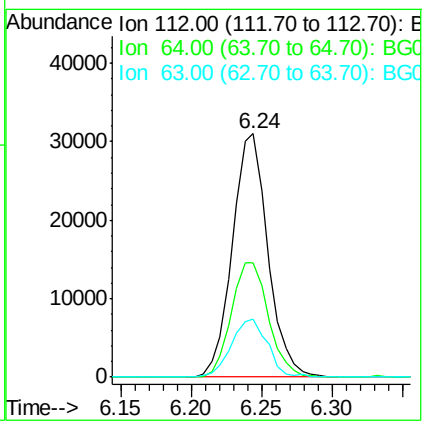


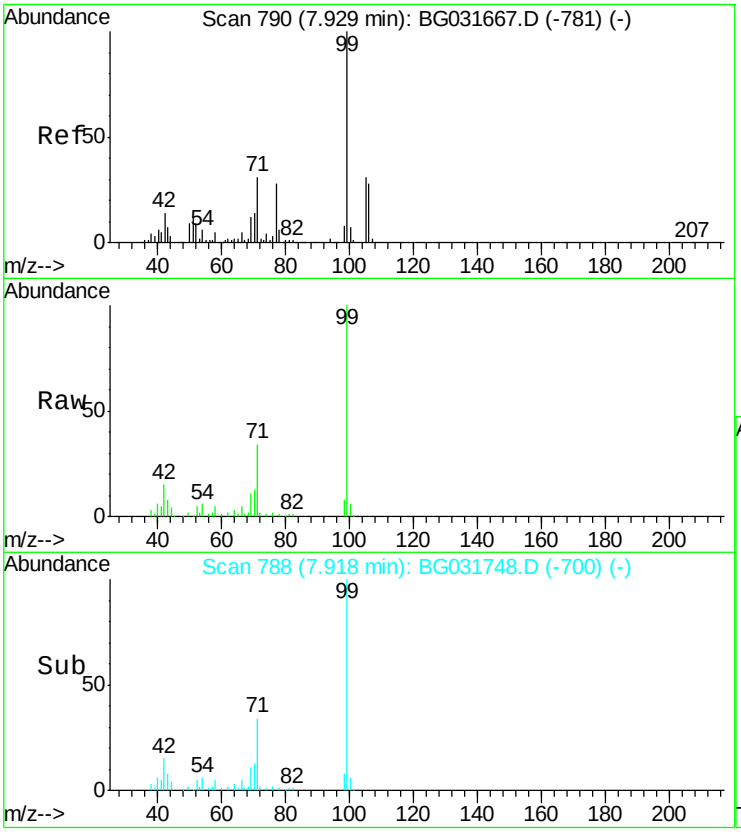


#5
2-Fluorophenol
Concen: 21.600 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Tgt Ion:112 Resp: 54420

Ion	Ratio	Lower	Upper
112	100		
64	46.8	56.3	84.5#
63	23.9	30.1	45.1#



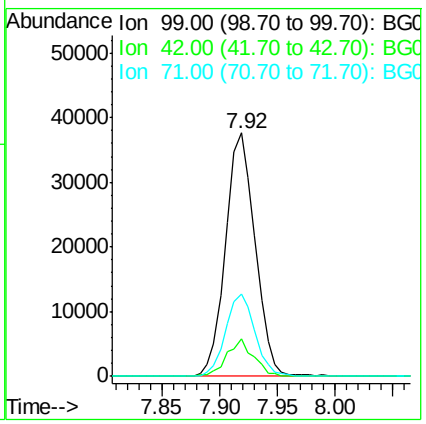


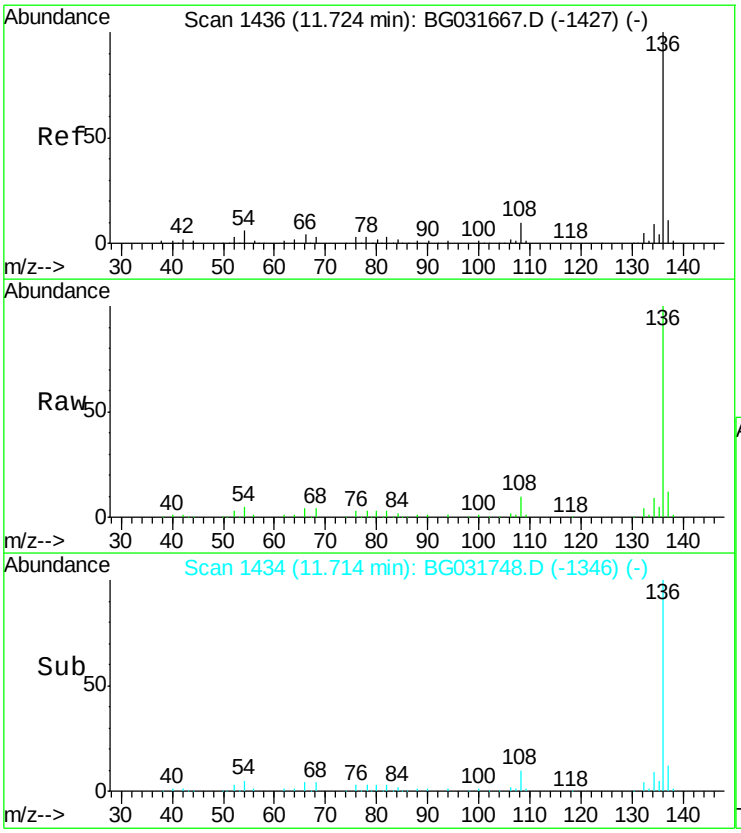
#7
Phenol-d6
Concen: 20.434 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion: 99 Resp: 66841

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	34.0	26.1	39.1

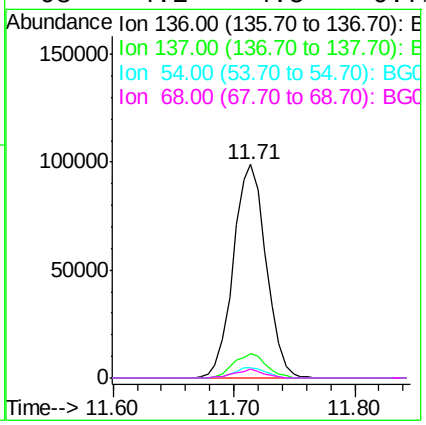


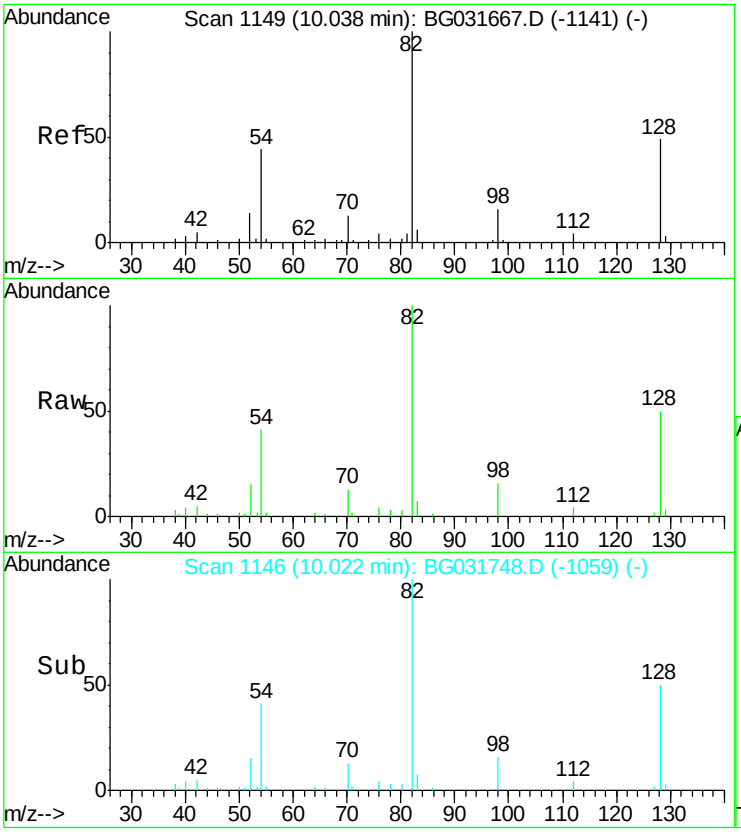


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Tgt Ion:136 Resp: 186900

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.0	10.3	15.5#
68	4.2	4.5	6.7#



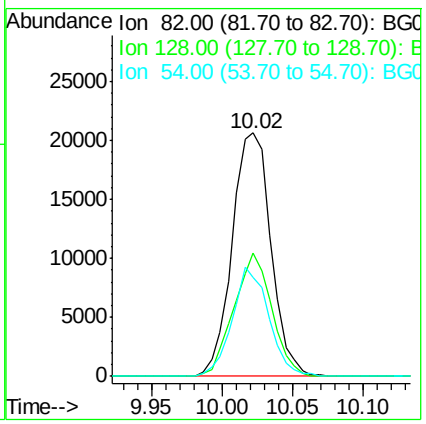


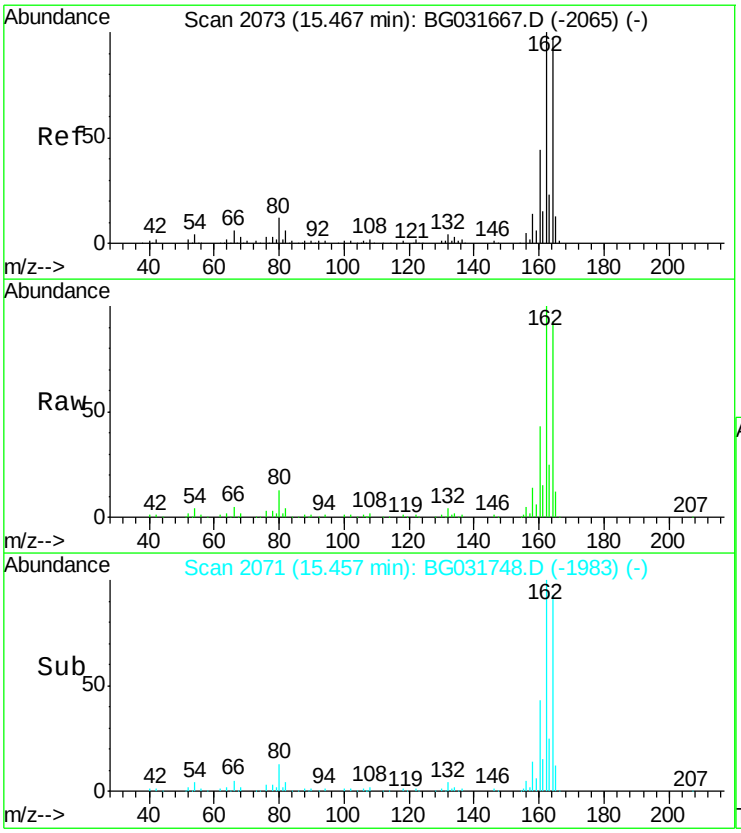
#23
Nitrobenzene-d5
Concen: 15.994 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion: 82 Resp: 39587

Ion	Ratio	Lower	Upper
82	100		
128	50.5	29.7	44.5#
54	40.7	43.1	64.7#

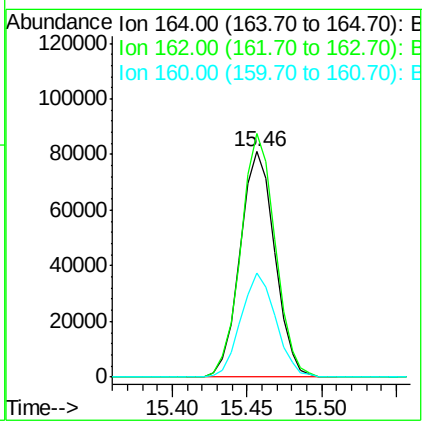


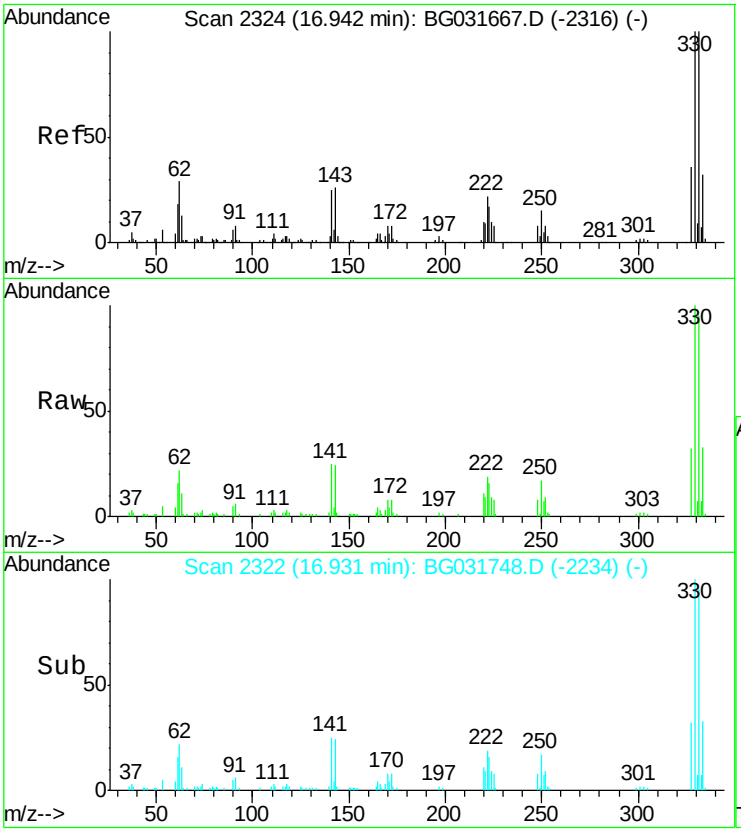


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Tgt Ion:164 Resp: 130345

Ion	Ratio	Lower	Upper
164	100		
162	107.9	78.8	118.2
160	46.3	35.4	53.0



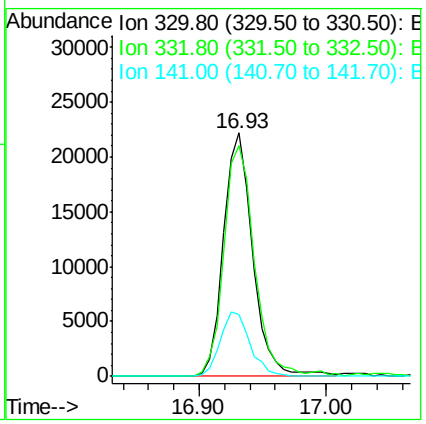


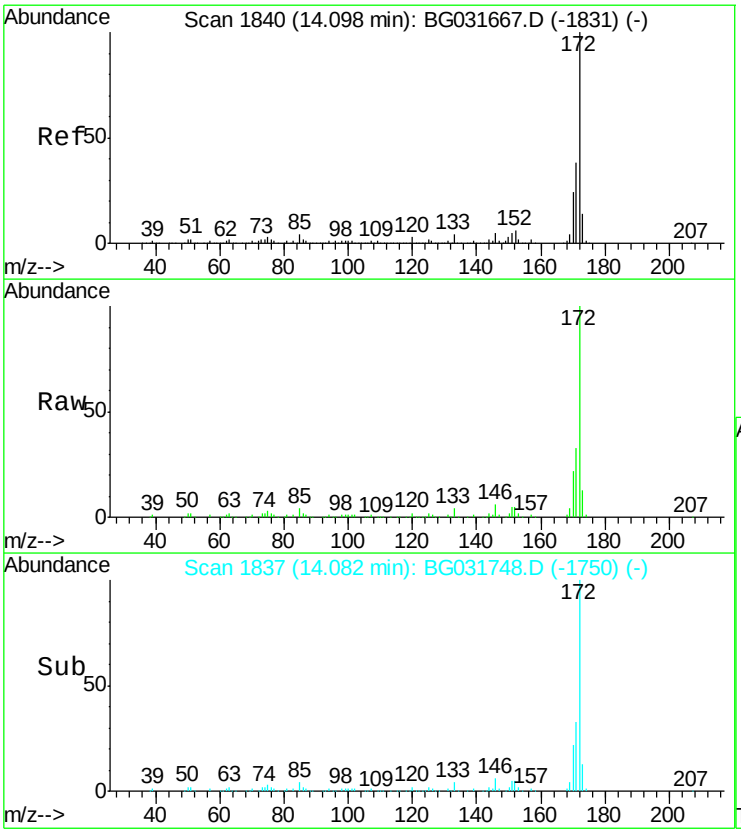
#41
2,4,6-Tribromophenol
Concen: 17.829 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion:330 Resp: 35459

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	27.1	25.2	37.8

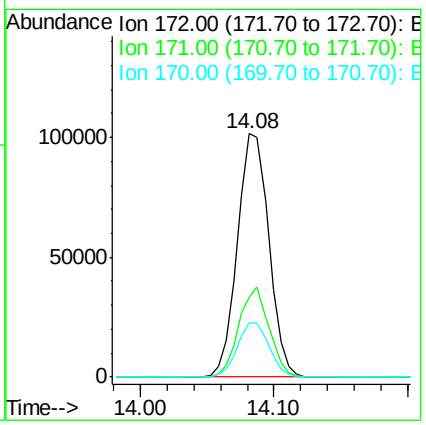


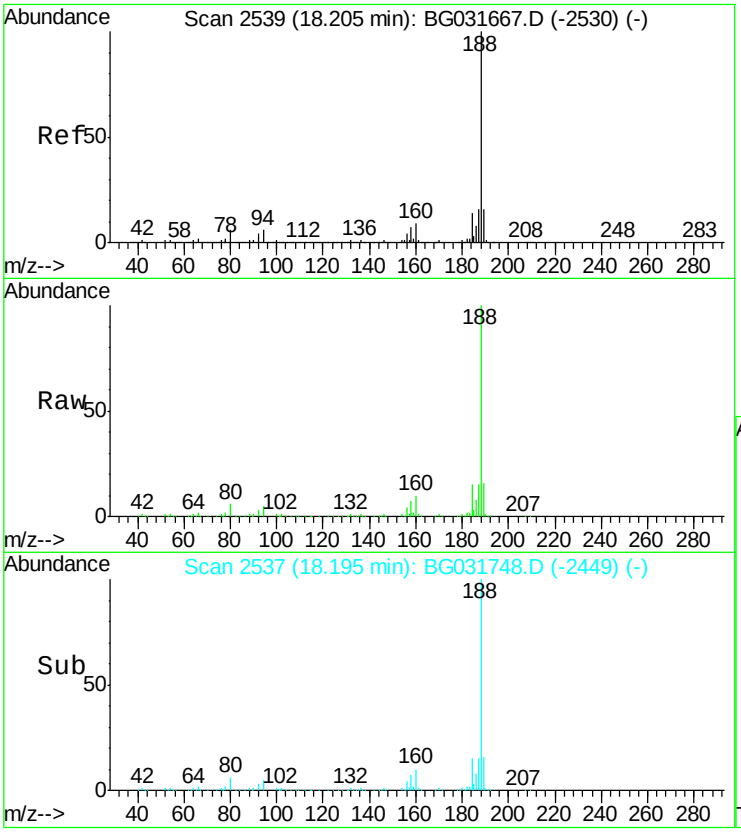


#44
2-Fluorobiphenyl
Concen: 15.922 ng
RT: 14.08 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Tgt Ion:172 Resp: 165347

Ion	Ratio	Lower	Upper
172	100		
171	32.8	30.0	45.0
170	22.3	19.5	29.3



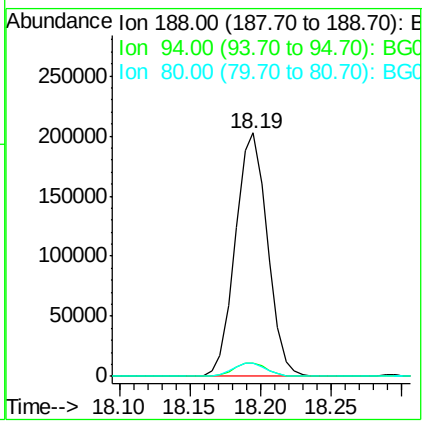


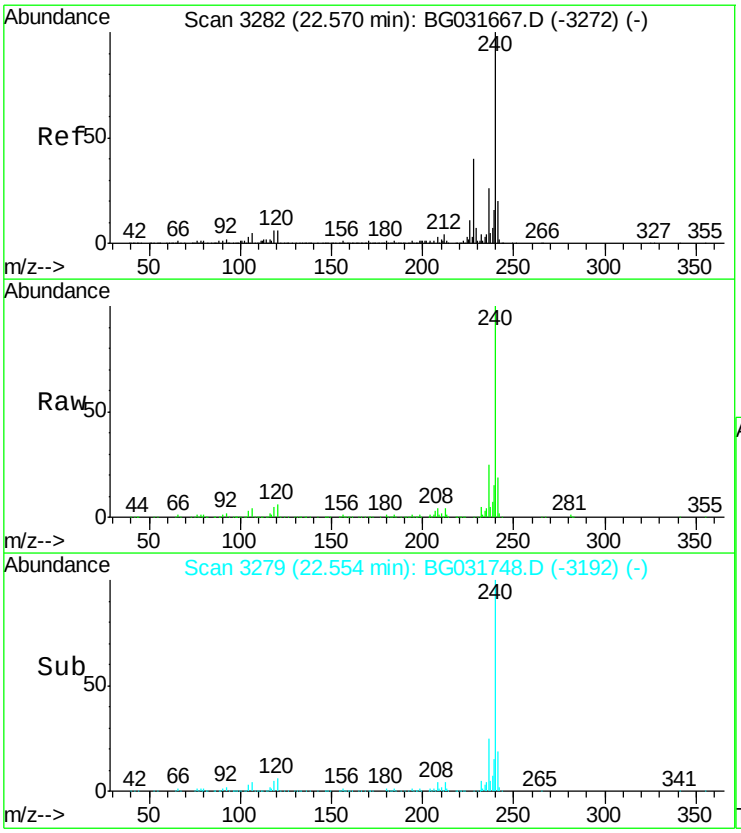
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion:188 Resp: 321707

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	5.6	7.7	11.5#

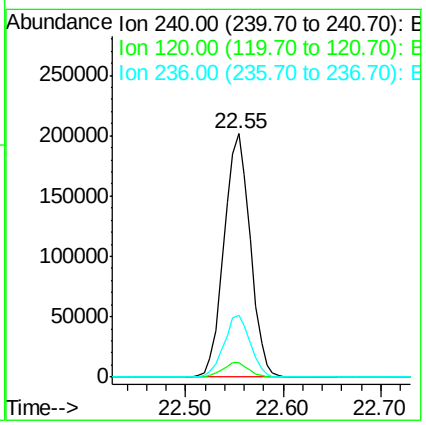


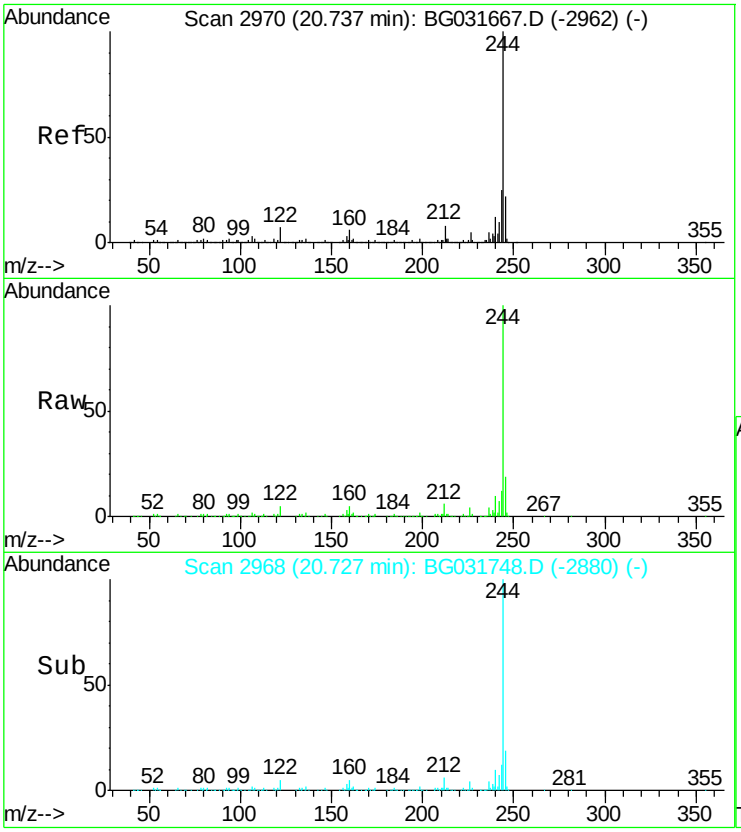


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Tgt Ion:240 Resp: 374852

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.4	20.9	31.3



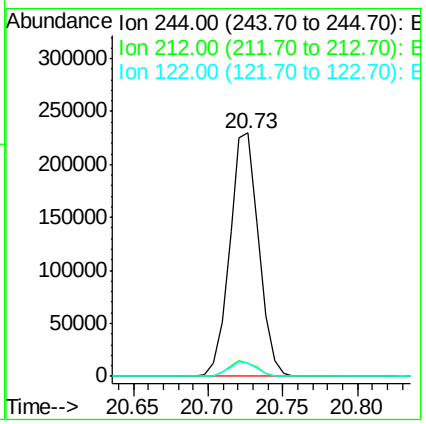


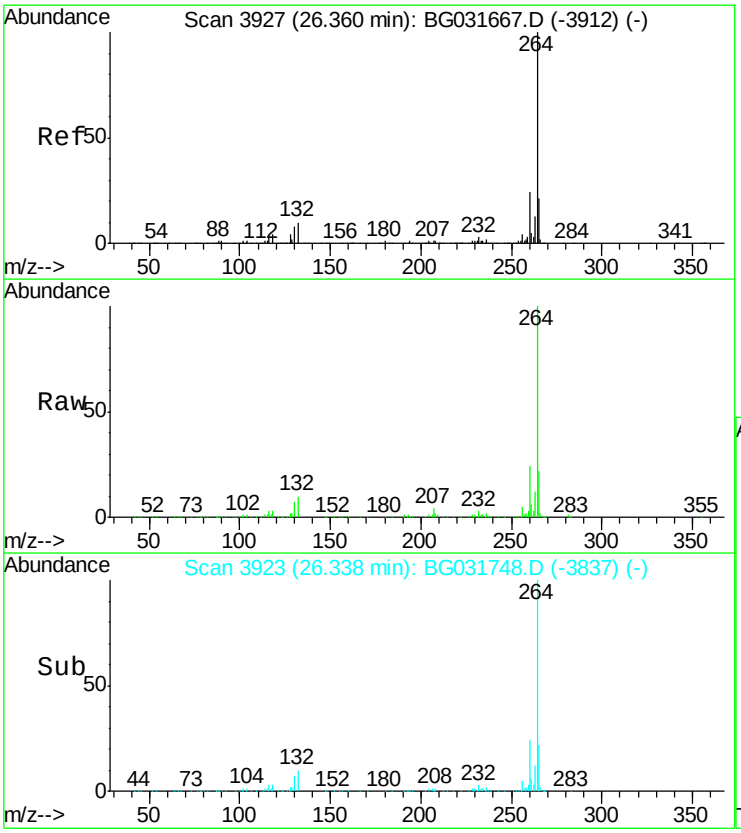
#78
Terphenyl-d14
Concen: 18.919 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion:244 Resp: 310404

Ion	Ratio	Lower	Upper
244	100		
212	5.6	5.8	8.8#
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. -0.02 min
Lab File: BG031748.D
Acq: 23 Dec 2017 14:33

Tgt Ion:264 Resp: 404613

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.8	17.7	26.5