Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031803.D
Acq On : 27 Dec 2017 19:14
Operator : SJ/JU
Sample : I7058-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 122117-TIDO-F-U-S

Quant Time: Dec 28 07:44:37 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	8.81	152	42075	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	175620	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	129149	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	348730	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	423992	20.00	ng	-0.06
86) Perylene-d12	26.26	264	452906	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	83354	36.08	ng	-0.03
7) Phenol-d6	7.90	99	68003	22.67	ng	-0.03
23) Nitrobenzene-d5	10.00	82	210838	90.66	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	186224	94.50	ng	-0.04
44) 2-Fluorobiphenyl	14.07	172	834510	81.10	ng	-0.03
78) Terphenyl-d14	20.70	244	1503504	81.02	ng	-0.04
Target Compounds						Qvalue

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

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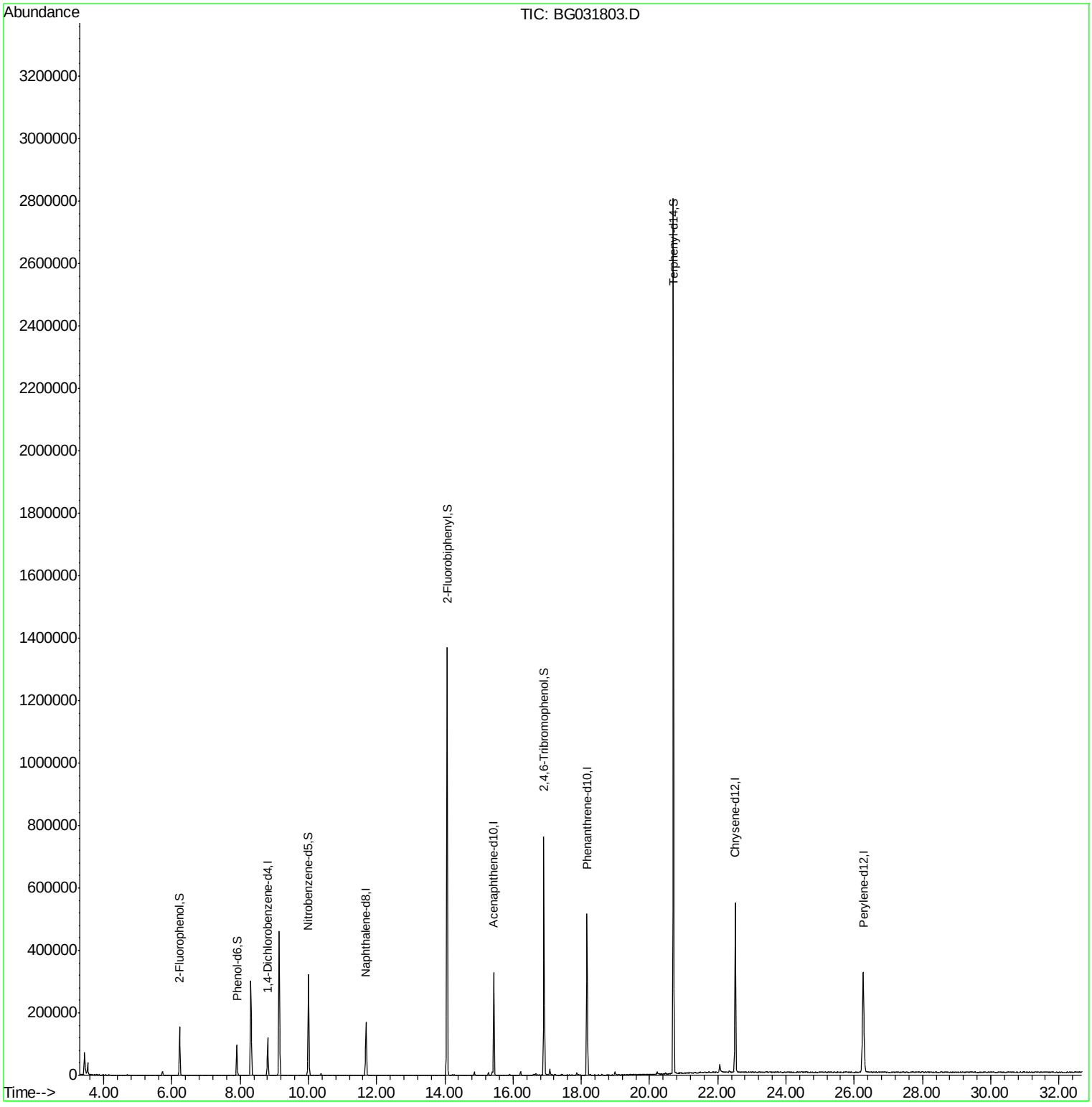
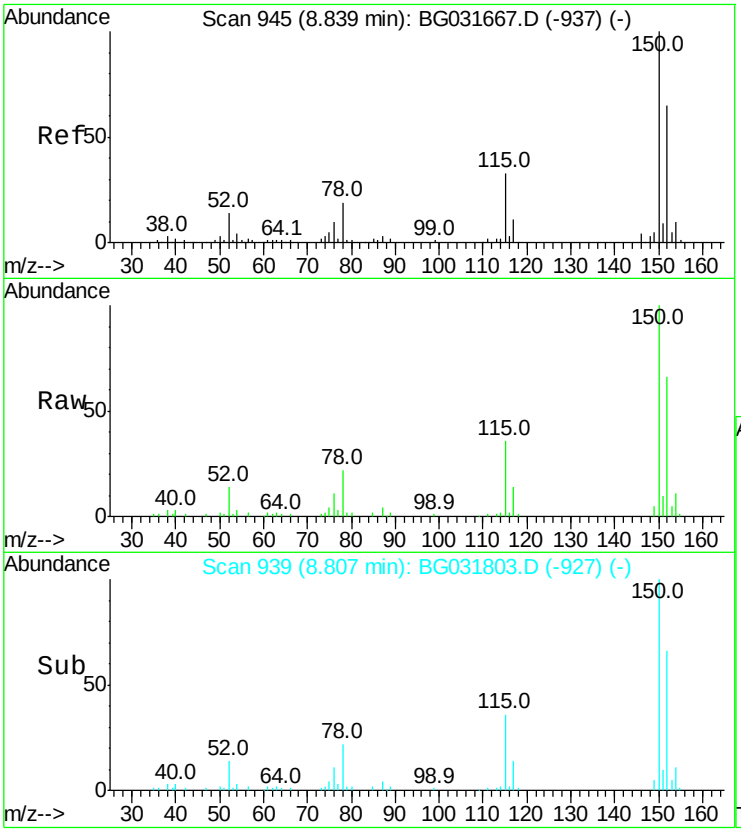


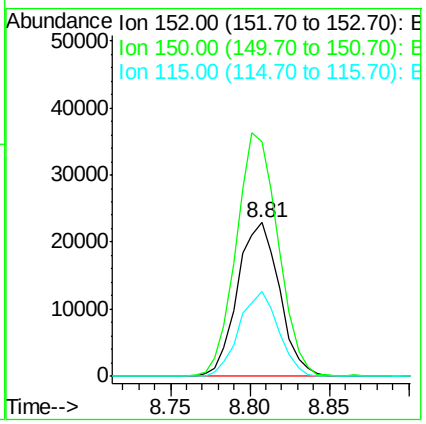


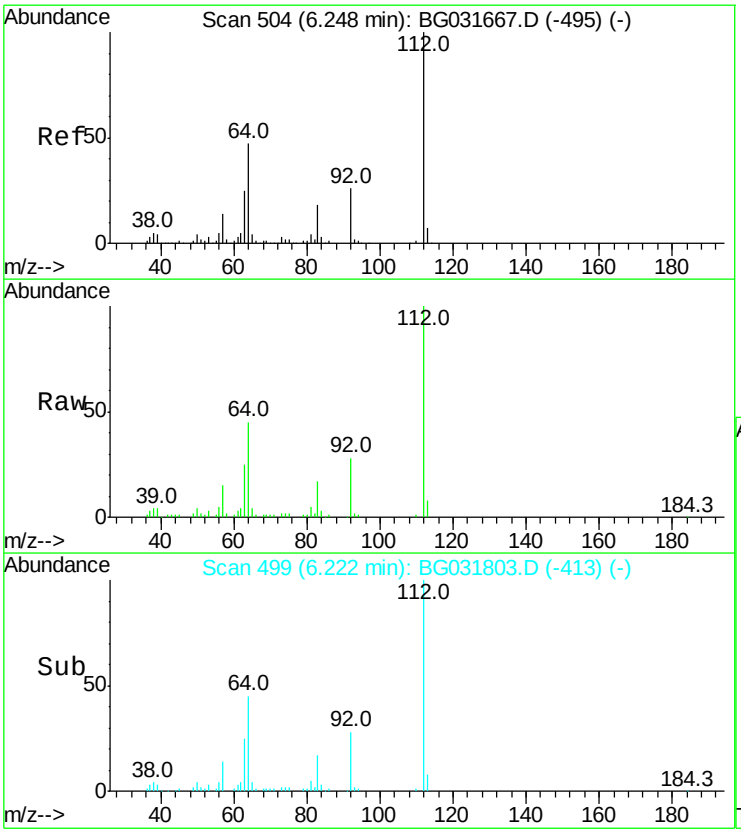
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :
122117-TIDO-F-U-S

Tgt Ion:152 Resp: 42075

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	189.8
115	55.0	53.0	79.4

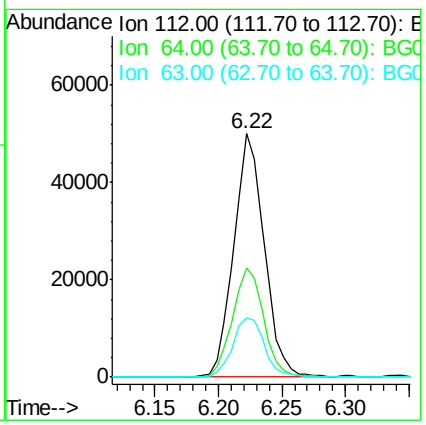


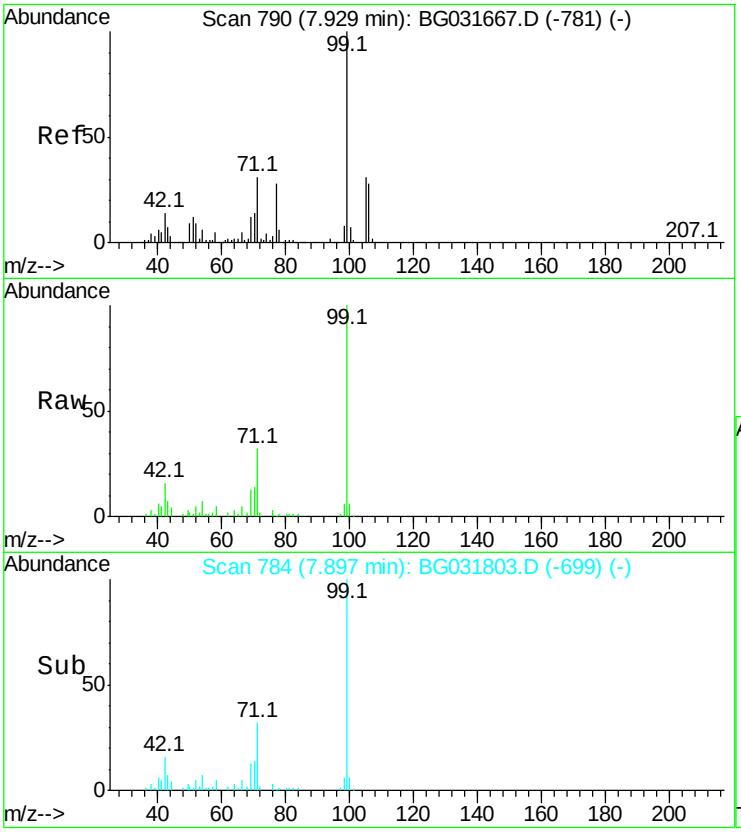


#5
2-Fluorophenol
Concen: 36.083 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Tgt Ion:112 Resp: 83354

Ion	Ratio	Lower	Upper
112	100		
64	44.7	56.3	84.5#
63	24.6	30.1	45.1#



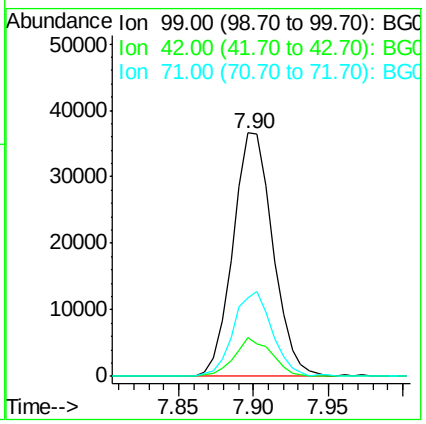


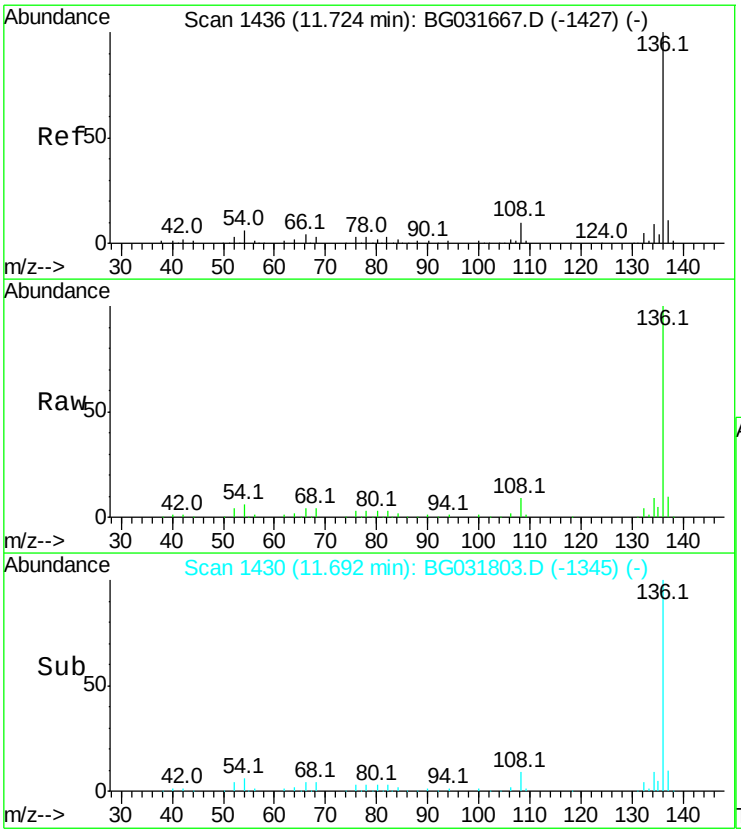
#7
Phenol-d6
Concen: 22.674 ng
RT: 7.90 min Scan# 784
Delta R.T. -0.03 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :
122117-TIDO-F-U-S

Tgt Ion: 99 Resp: 68003

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	32.3	26.1	39.1

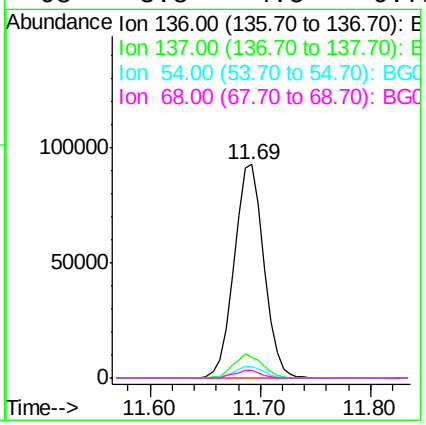


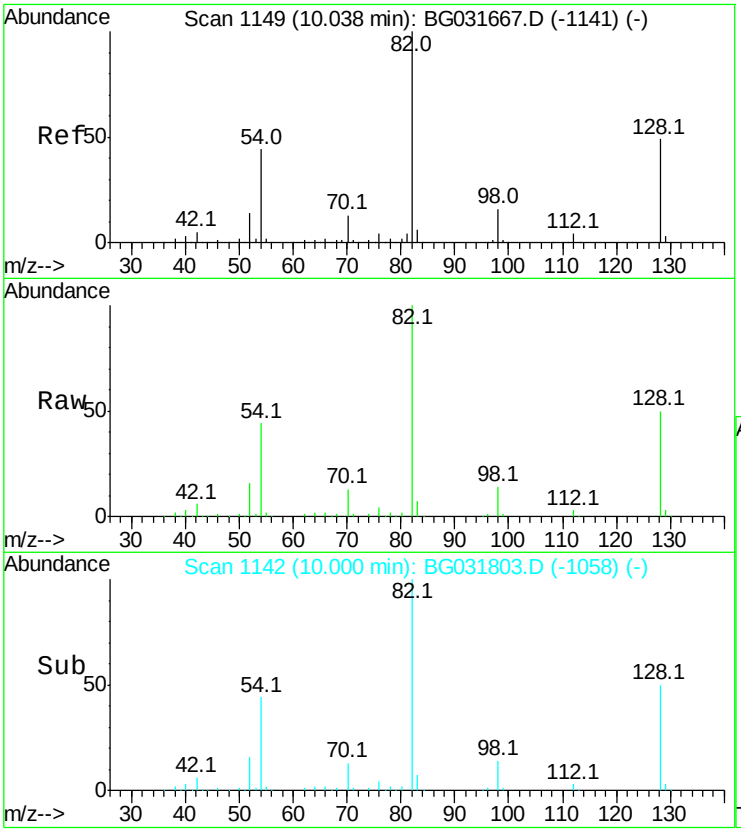


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Tgt Ion:136 Resp: 175620

Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	5.6	10.3	15.5#
68	3.8	4.5	6.7#



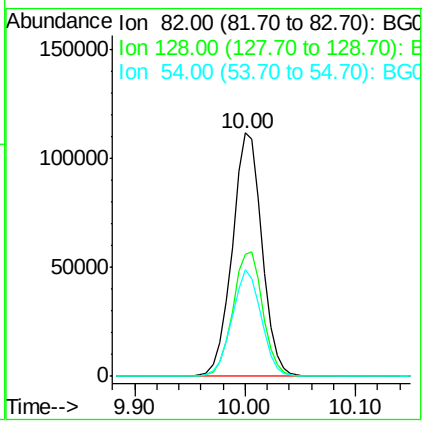


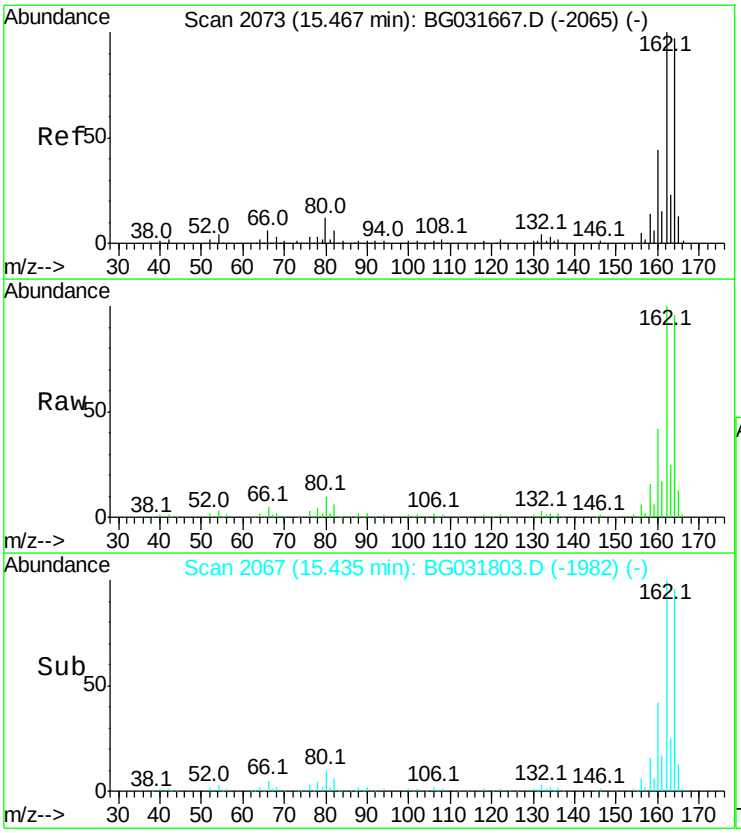
#23
Nitrobenzene-d5
Concen: 90.655 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :
122117-TIDO-F-U-S

Tgt Ion: 82 Resp: 210838

Ion	Ratio	Lower	Upper
82	100		
128	50.3	29.7	44.5#
54	44.0	43.1	64.7

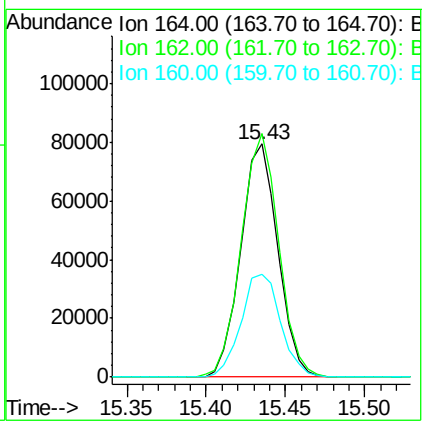


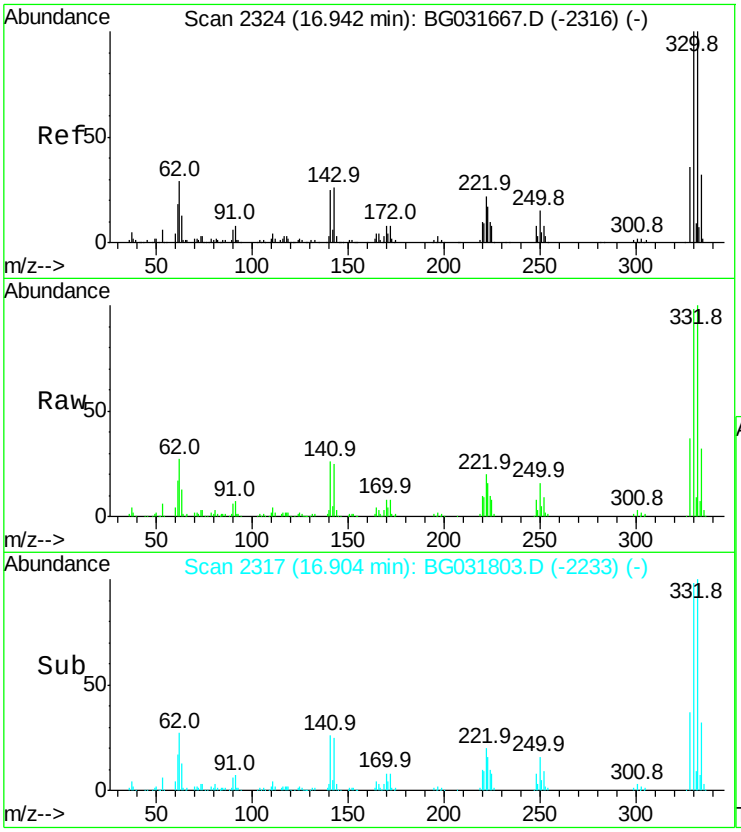


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Tgt Ion:164 Resp: 129149

Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	44.4	35.4	53.0



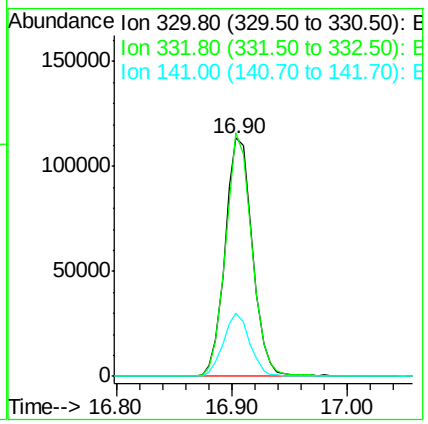


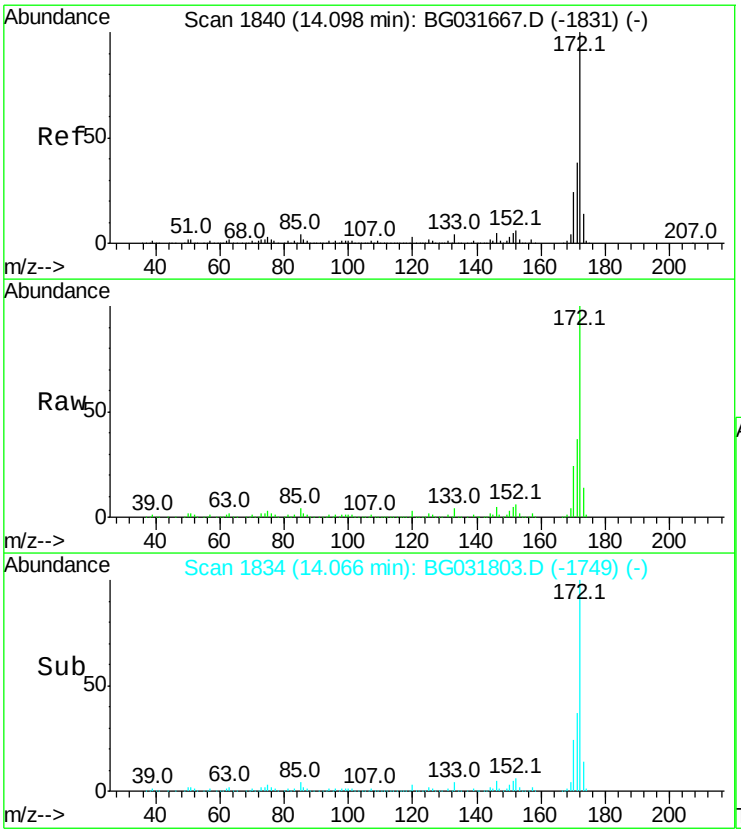
#41
2,4,6-Tribromophenol
Concen: 94.499 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :
122117-TIDO-F-U-S

Tgt Ion:330 Resp: 186224

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	25.7	25.2	37.8

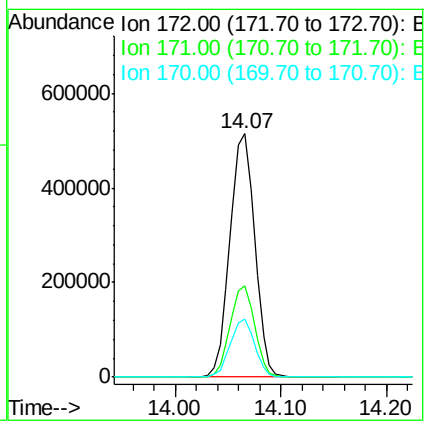


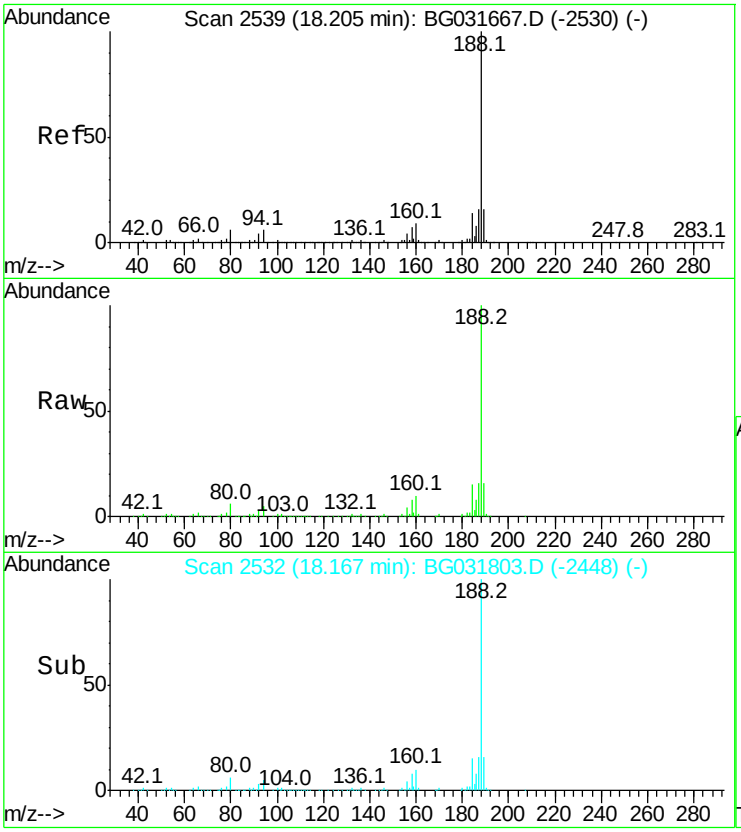


#44
2-Fluorobiphenyl
Concen: 81.102 ng
RT: 14.07 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Tgt Ion:172 Resp: 834510

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.8	19.5	29.3



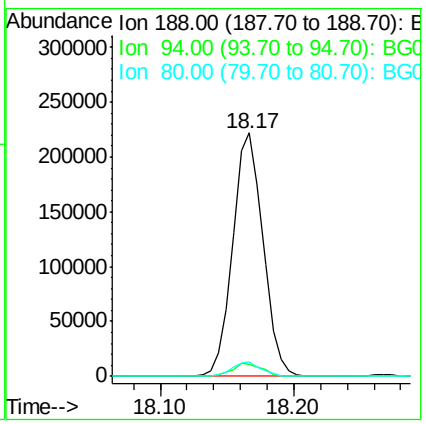


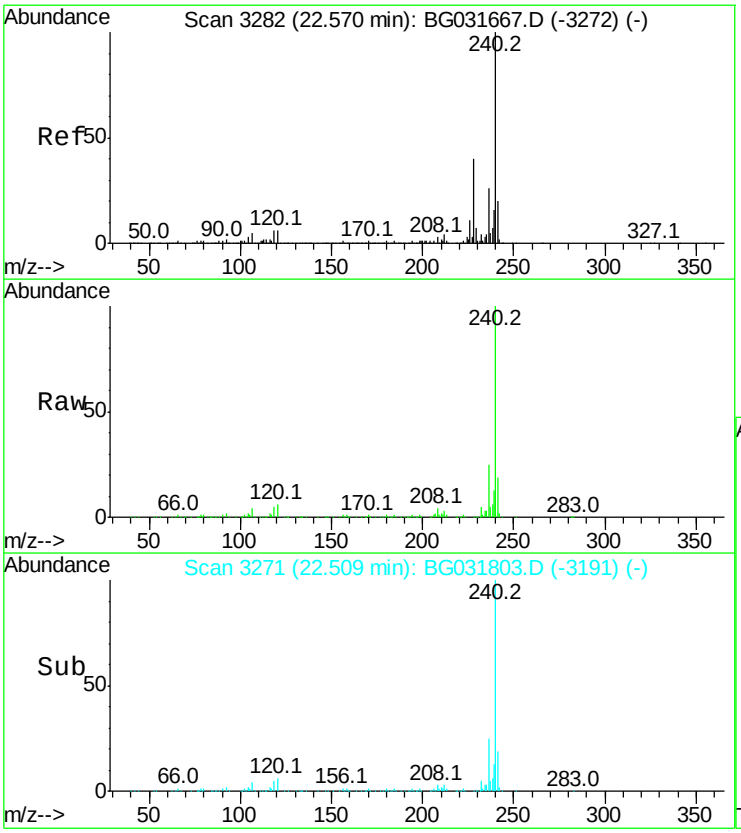
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :
122117-TIDO-F-U-S

Tgt Ion:188 Resp: 348730

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	6.1	7.7	11.5#

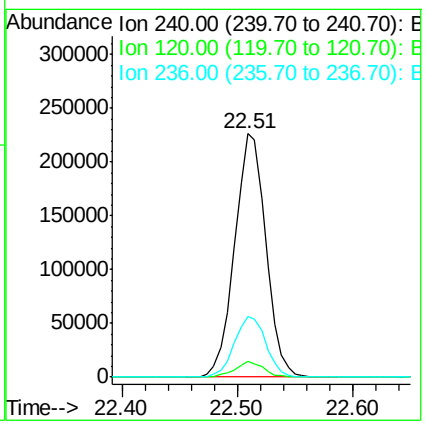


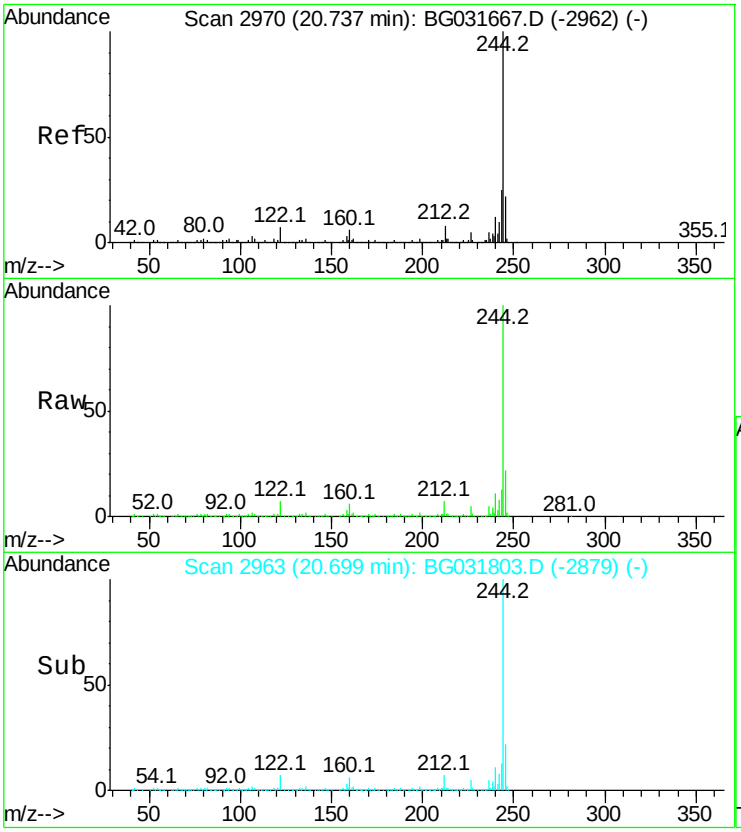


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Tgt Ion:240 Resp: 423992

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	24.9	20.9	31.3



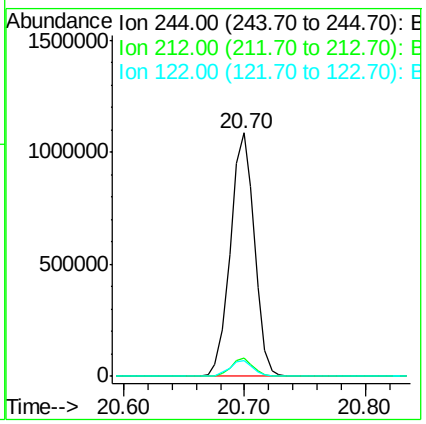


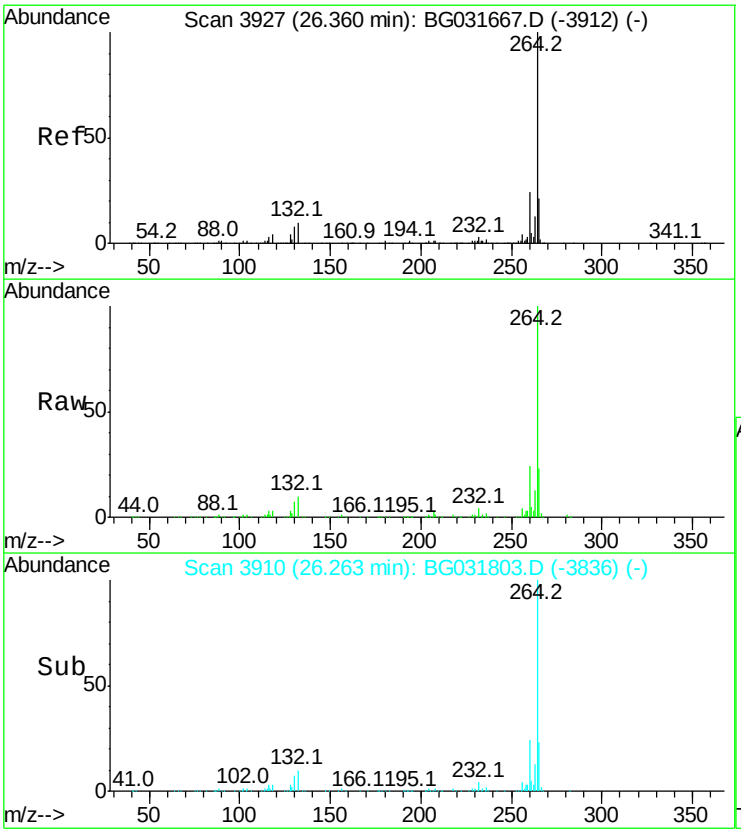
#78
Terphenyl-d14
Concen: 81.015 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Instrument :
BNA_G
ClientSampleId :
122117-TIDO-F-U-S

Tgt Ion:244 Resp: 1503504

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	6.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031803.D
Acq: 27 Dec 2017 19:14

Tgt Ion:264 Resp: 452906

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.9	17.7	26.5