Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031834.D
Acq On : 28 Dec 2017 20:42
Operator : SJ/JU
Sample : I7083-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWS-3

Quant Time: Dec 29 06:59:20 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	52326	20.00	ng	-0.03
21) Naphthalene-d8	11.68	136	202612	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	135634	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	371143	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	445787	20.00	ng	-0.06
86) Perylene-d12	26.26	264	468495	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	360618	125.53	ng	-0.02
7) Phenol-d6	7.91	99	414429	111.11	ng	-0.02
23) Nitrobenzene-d5	10.00	82	275227	102.58	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	350883	169.54	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	991502	91.75	ng	-0.03
78) Terphenyl-d14	20.70	244	1868246	95.75	ng	-0.04
Target Compounds						Qvalue

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

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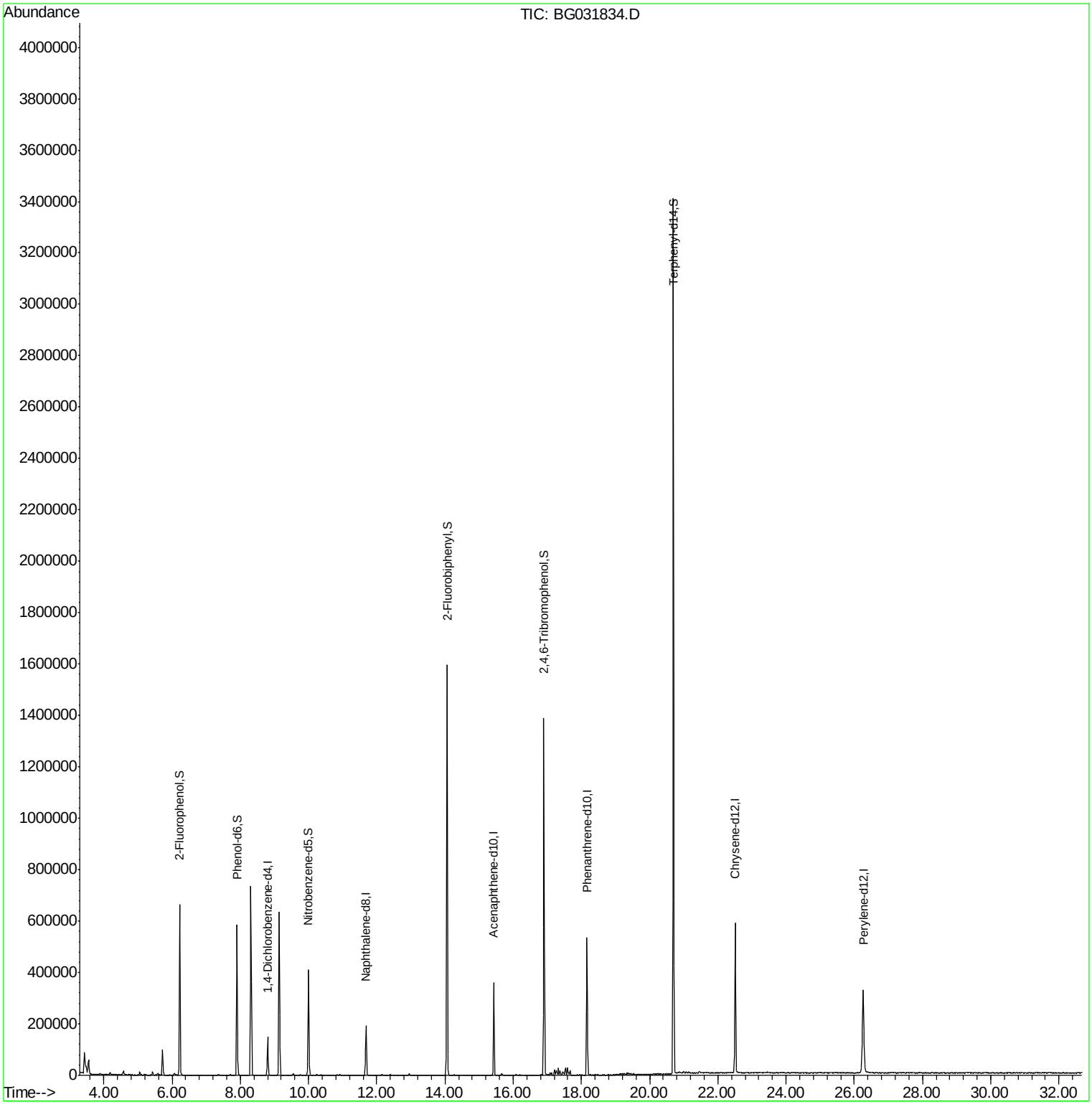
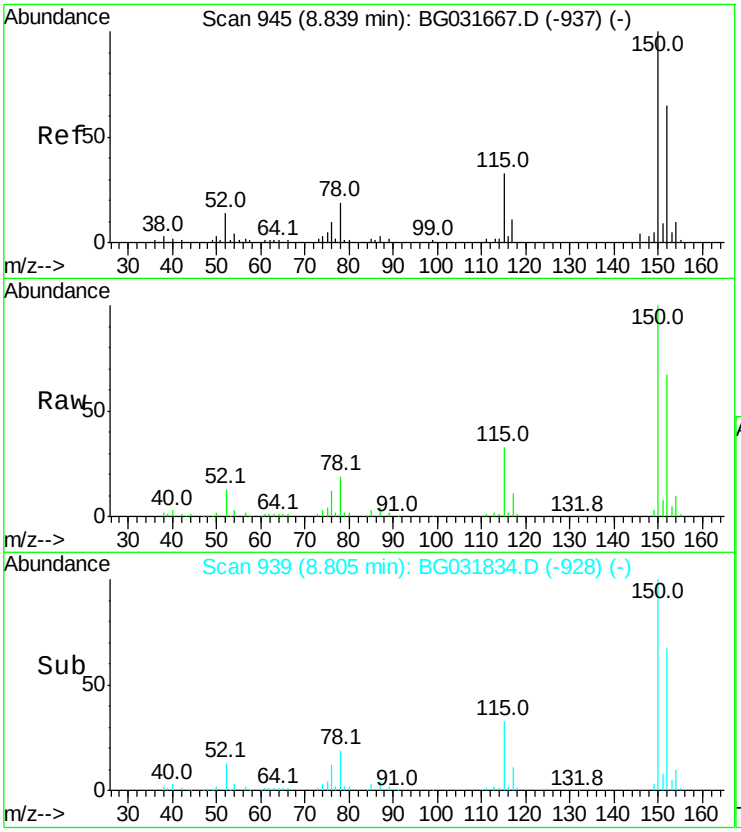


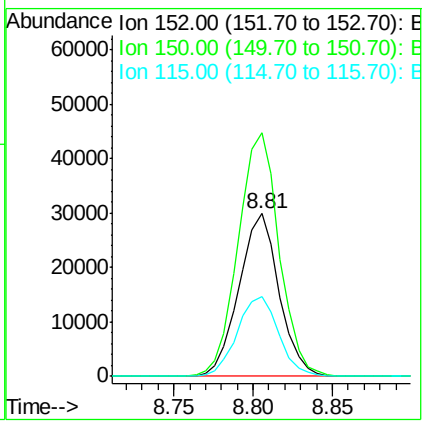


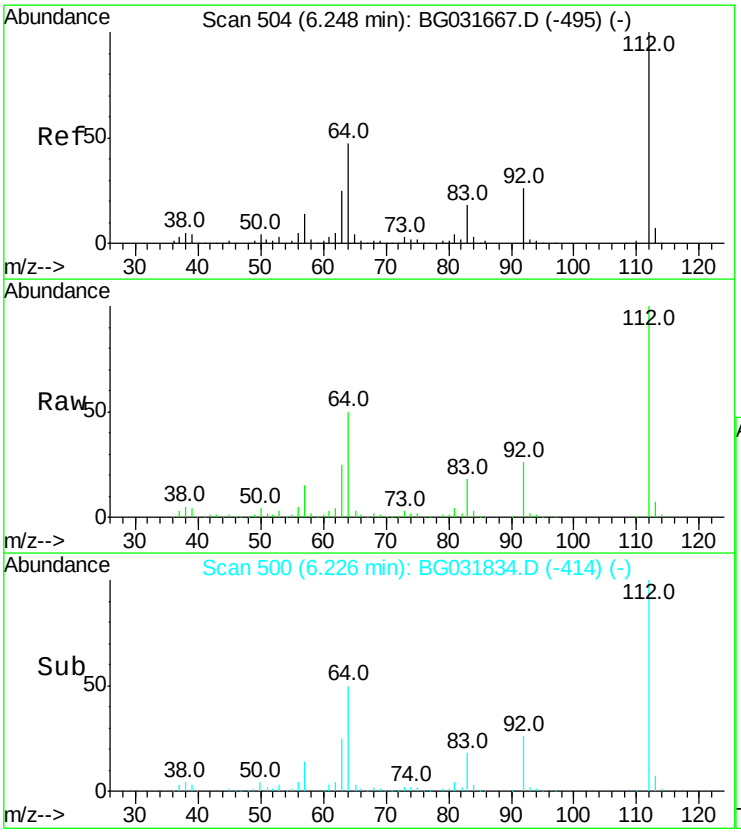
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion:152 Resp: 52326

Ion	Ratio	Lower	Upper
152	100		
150	149.9	126.6	189.8
115	49.0	53.0	79.4#

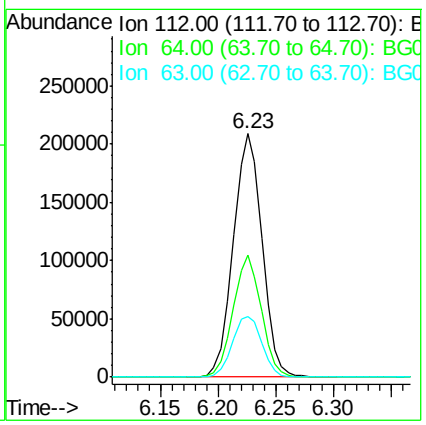


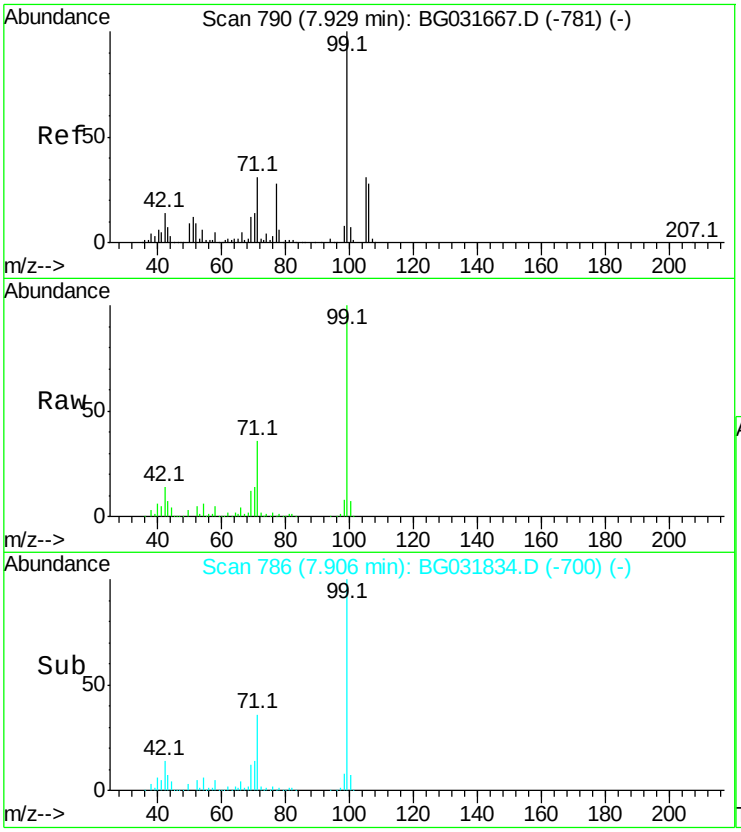


#5
2-Fluorophenol
Concen: 125.525 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Tgt Ion:112 Resp: 360618

Ion	Ratio	Lower	Upper
112	100		
64	50.0	56.3	84.5#
63	25.1	30.1	45.1#



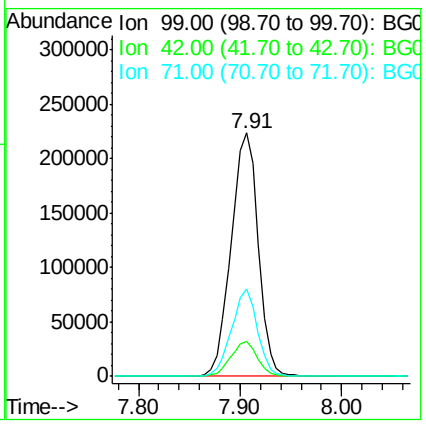


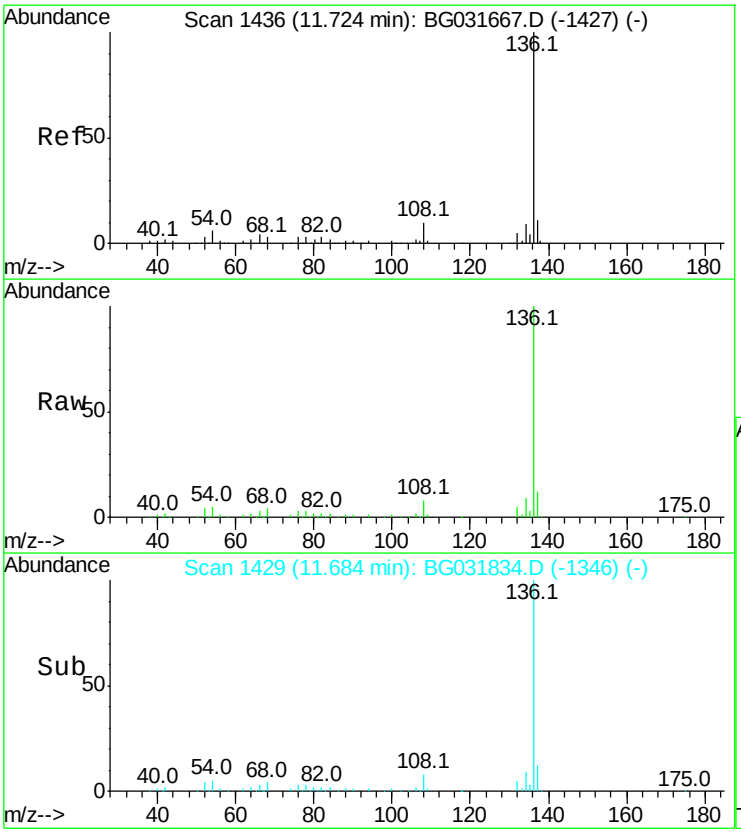
#7
Phenol-d6
Concen: 111.109 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.02 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion: 99 Resp: 414429

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.1	21.1
71	36.1	26.1	39.1

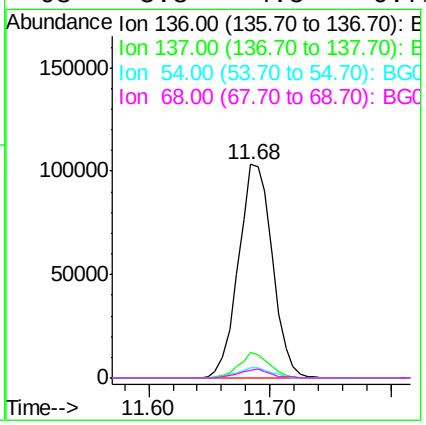


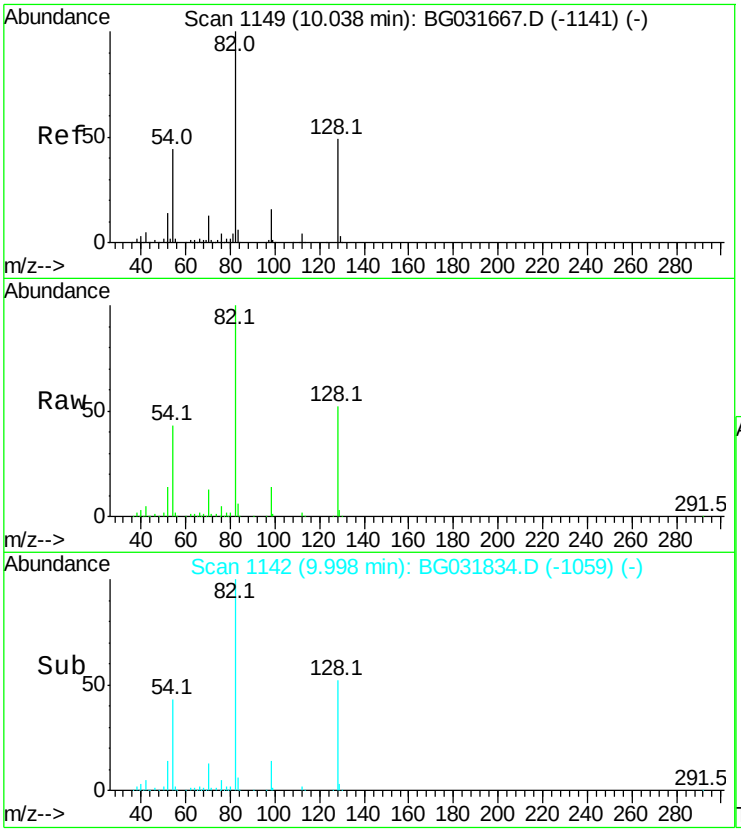


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.68 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Tgt Ion:136 Resp: 202612

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	5.1	10.3	15.5#
68	3.8	4.5	6.7#



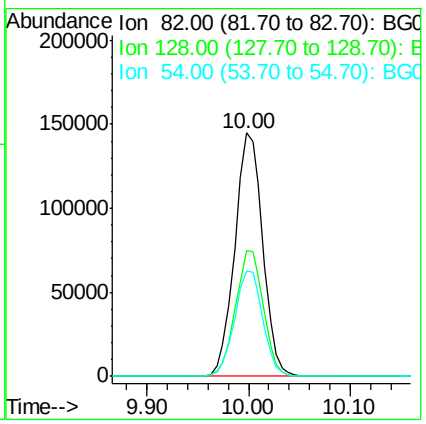


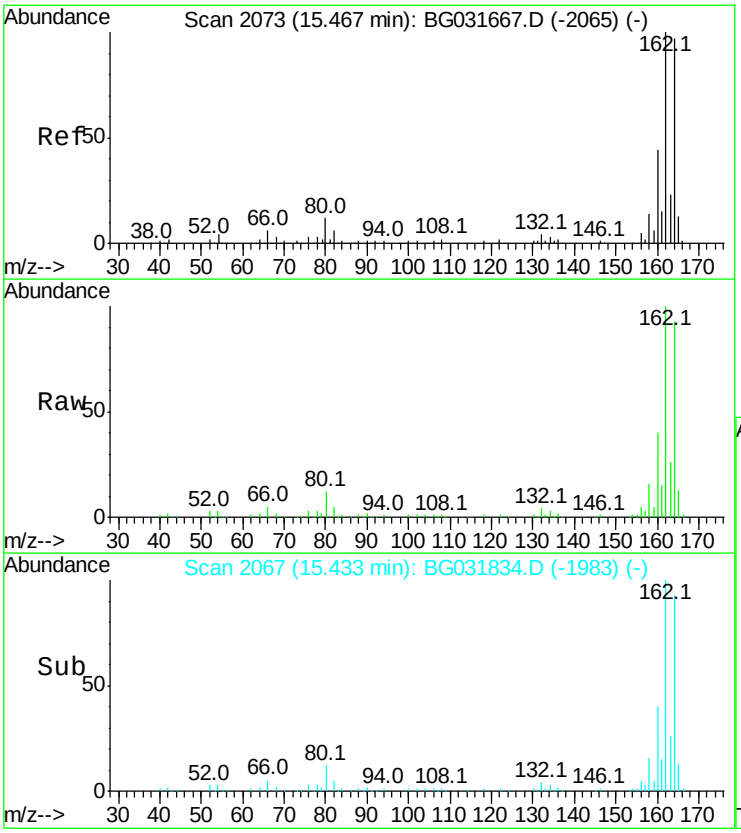
#23
Nitrobenzene-d5
Concen: 102.575 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion: 82 Resp: 275227

Ion	Ratio	Lower	Upper
82	100		
128	51.7	29.7	44.5#
54	43.2	43.1	64.7

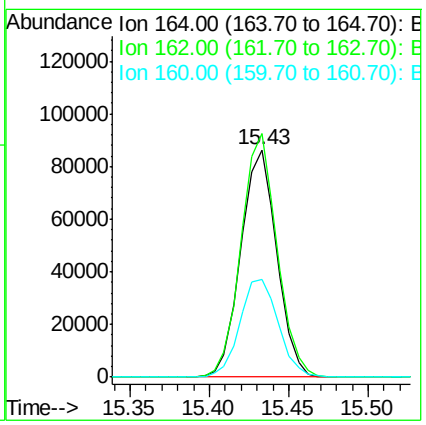


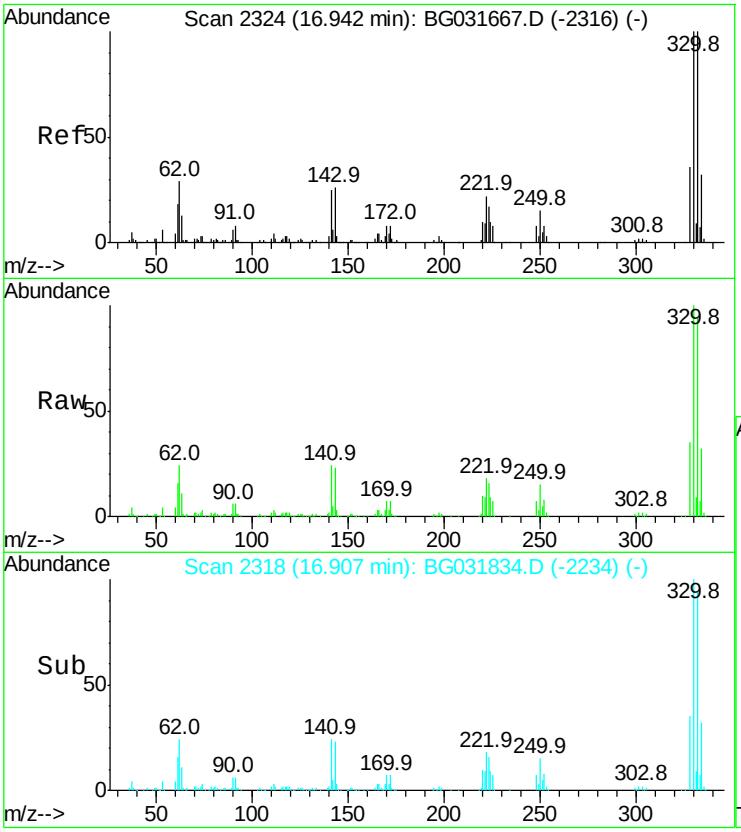


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Tgt Ion:164 Resp: 135634

Ion	Ratio	Lower	Upper
164	100		
162	107.1	78.8	118.2
160	42.9	35.4	53.0



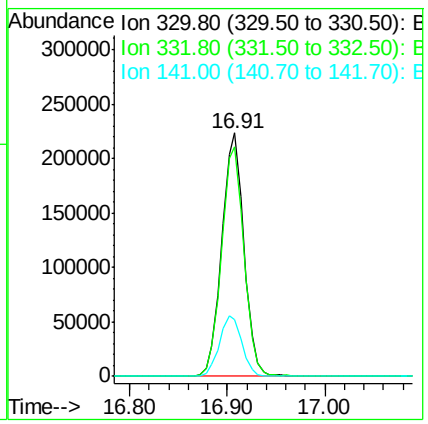


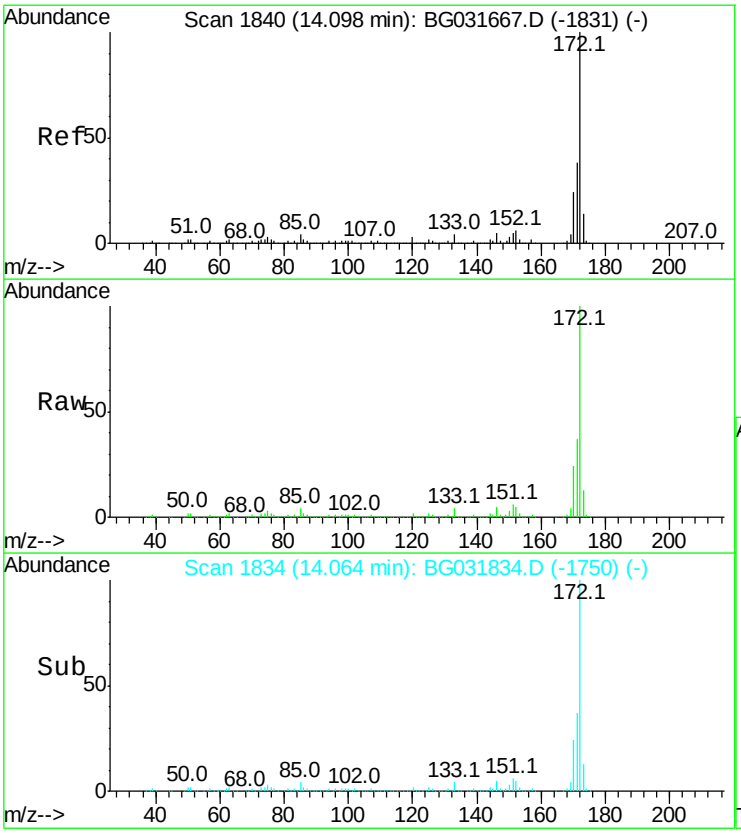
#41
2,4,6-Tribromophenol
Concen: 169.543 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion:330 Resp: 350883

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	25.3	25.2	37.8

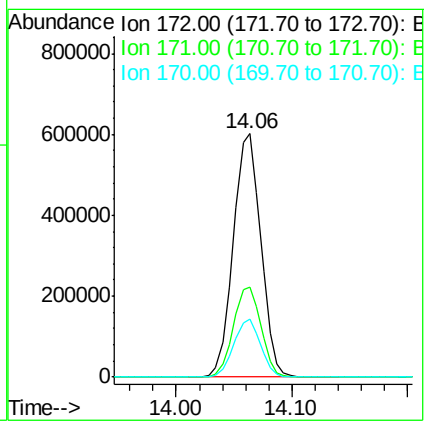


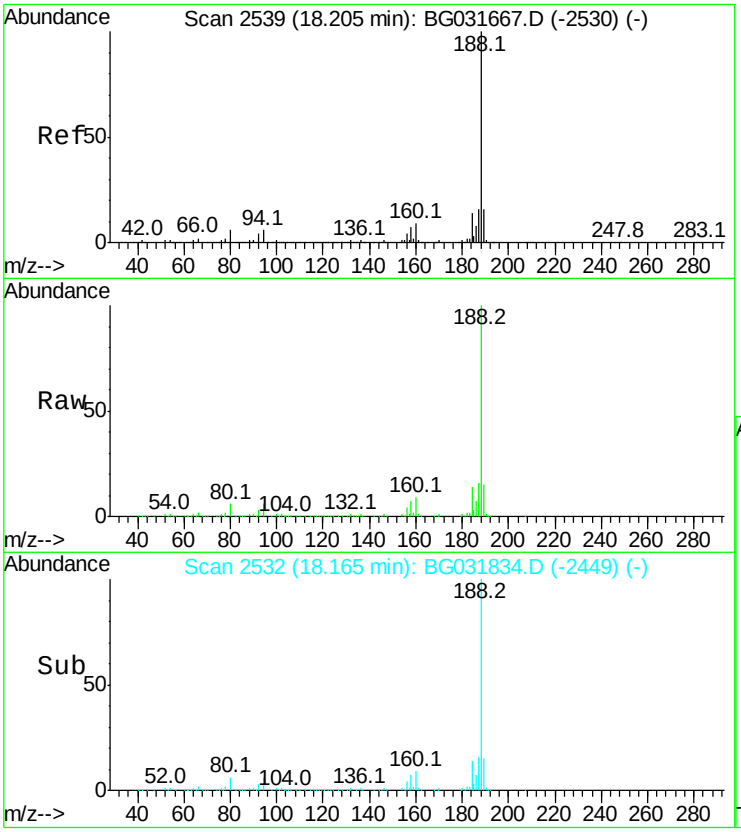


#44
2-Fluorobiphenyl
Concen: 91.752 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Tgt Ion:172 Resp: 991502

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	23.8	19.5	29.3



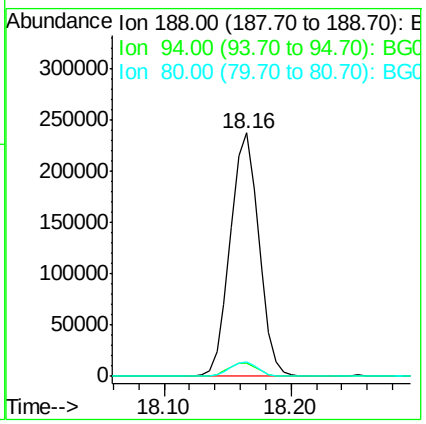


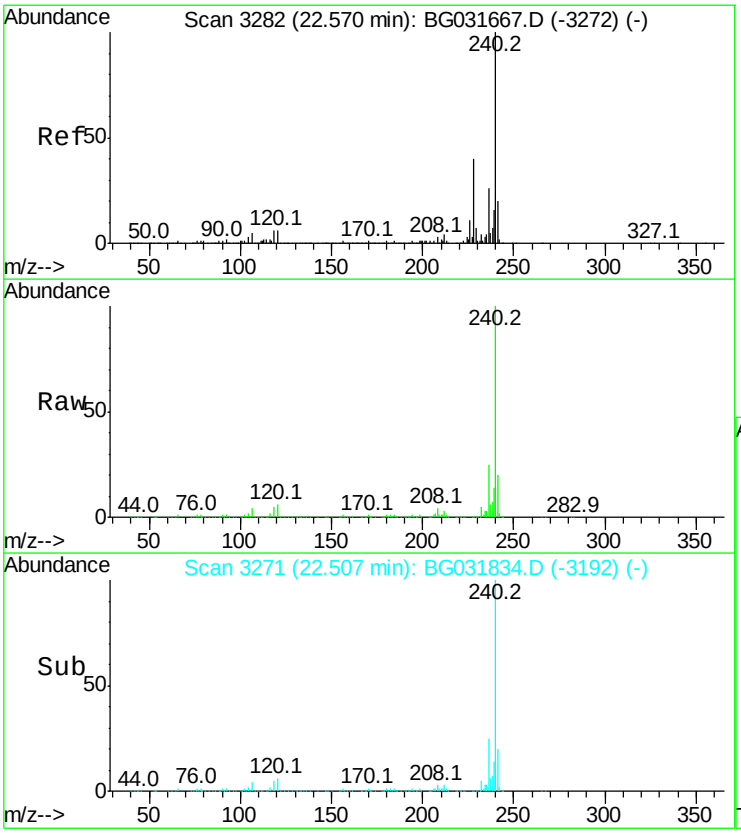
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion:188 Resp: 371143

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.8	7.7	11.5#

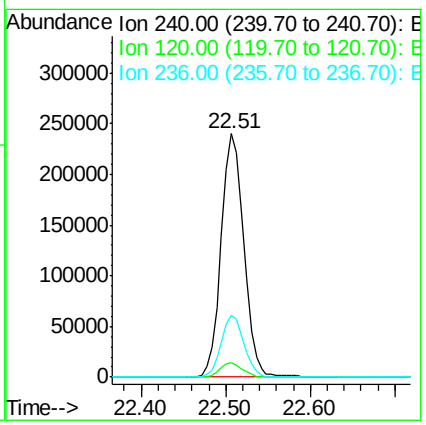


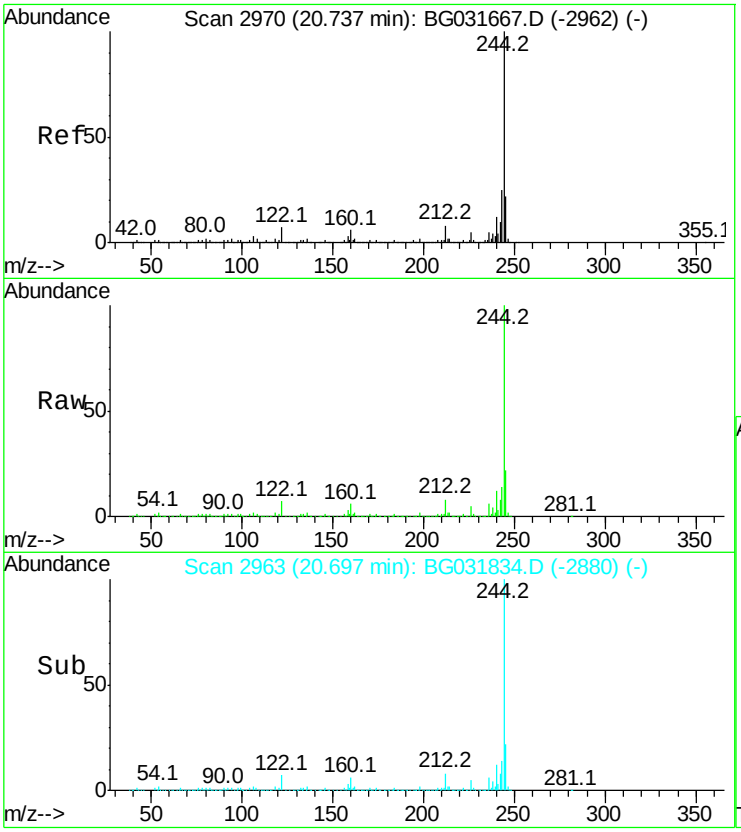


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Tgt Ion:240 Resp: 445787

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.4	20.9	31.3



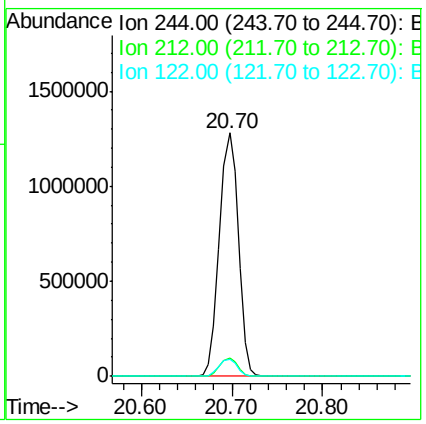


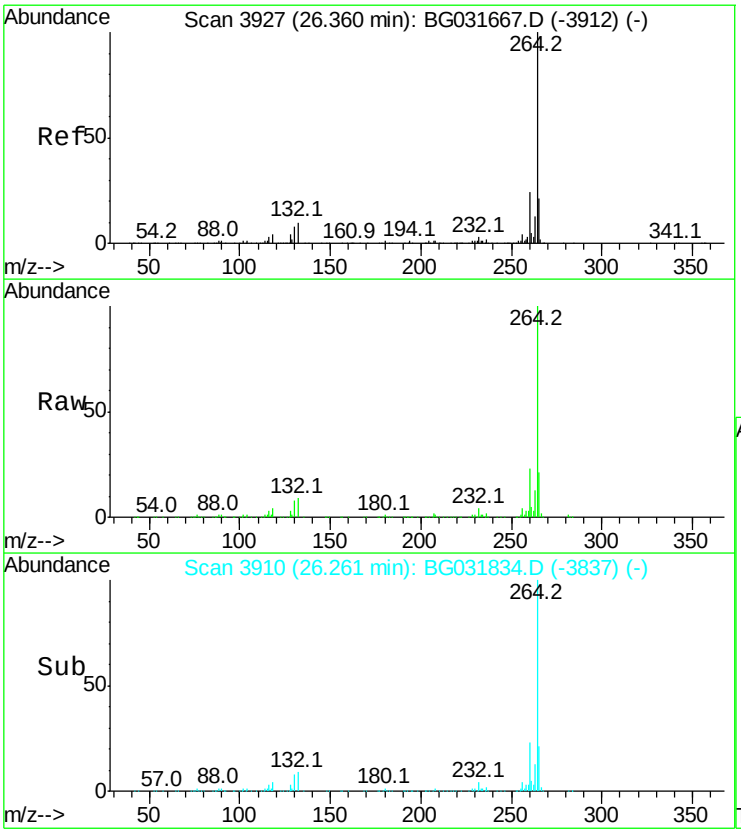
#78
Terphenyl-d14
Concen: 95.747 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031834.D
Acq: 28 Dec 2017 20:42

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion:244 Resp: 1868246

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.3	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: BG031834.D
Acq: 28 Dec 2017 20:42

Tgt Ion:264 Resp: 468495

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.6	17.7	26.5