Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033400.D
Acq On : 28 Mar 2018 23:59
Operator : SJ/JU
Sample : J2097-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Time: Mar 29 07:32:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39899	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	170952	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	130773	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	303441	20.00	ng	0.00
75) Chrysene-d12	22.56	240	327282	20.00	ng	0.00
86) Perylene-d12	26.33	264	358145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	110743	52.05	ng	0.00
7) Phenol-d6	7.99	99	93272	25.51	ng	0.00
23) Nitrobenzene-d5	10.07	82	281489	75.65	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	203236	103.91	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	715935	79.03	ng	0.00
78) Terphenyl-d14	20.74	244	1198453	78.31	ng	0.00
Target Compounds						Qvalue

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

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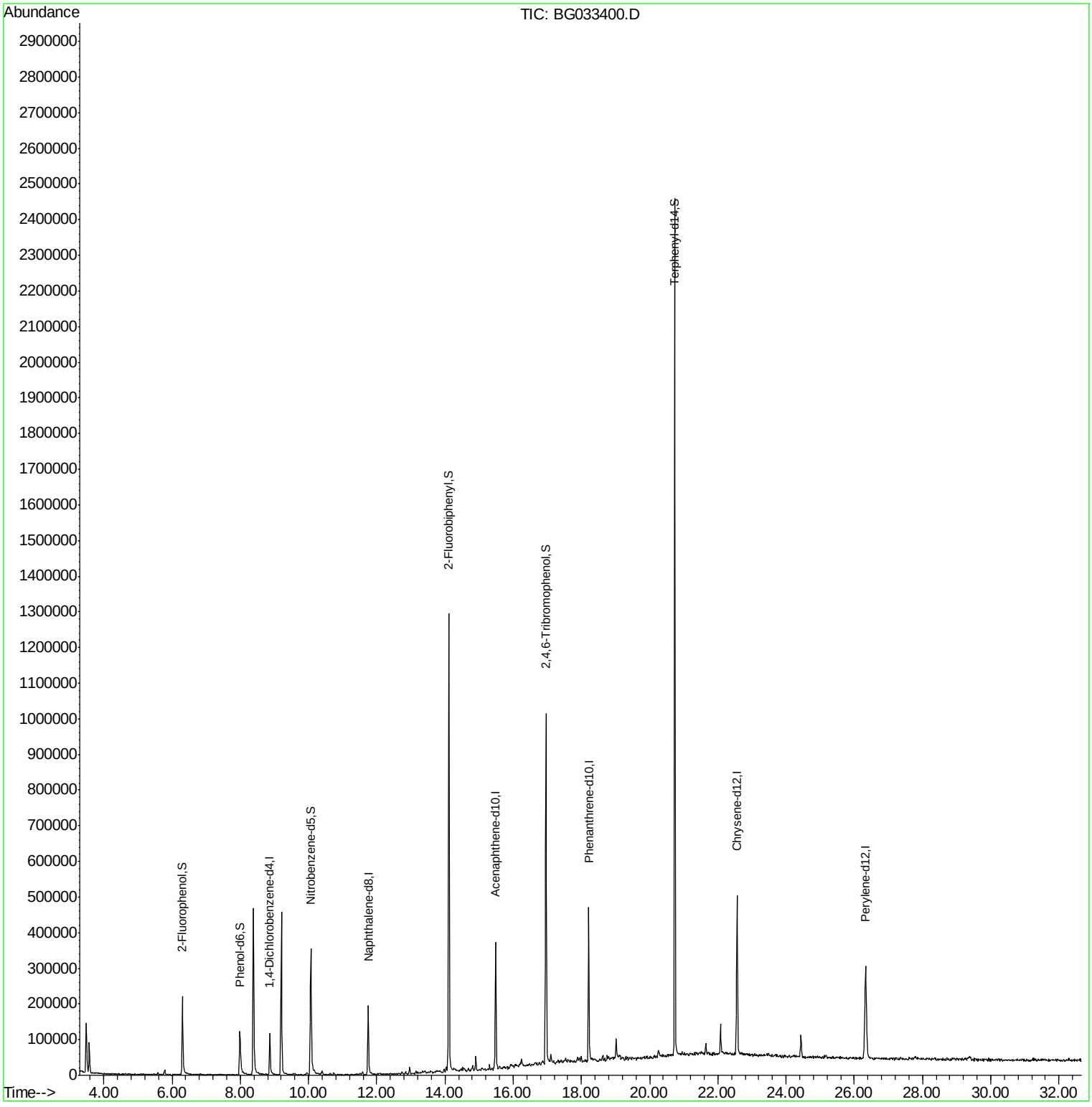
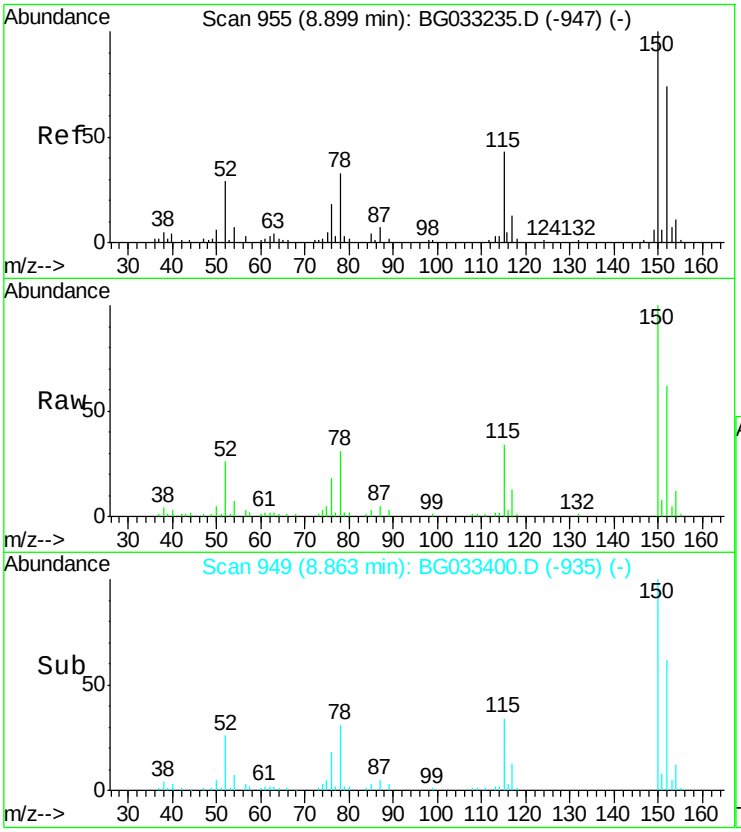


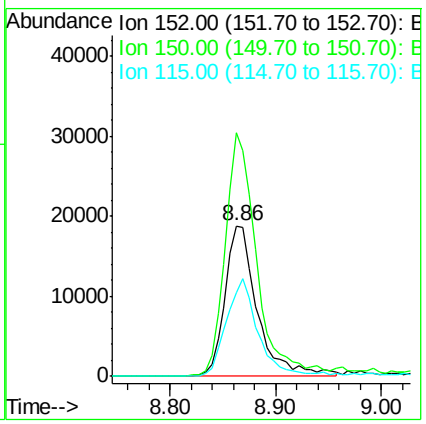


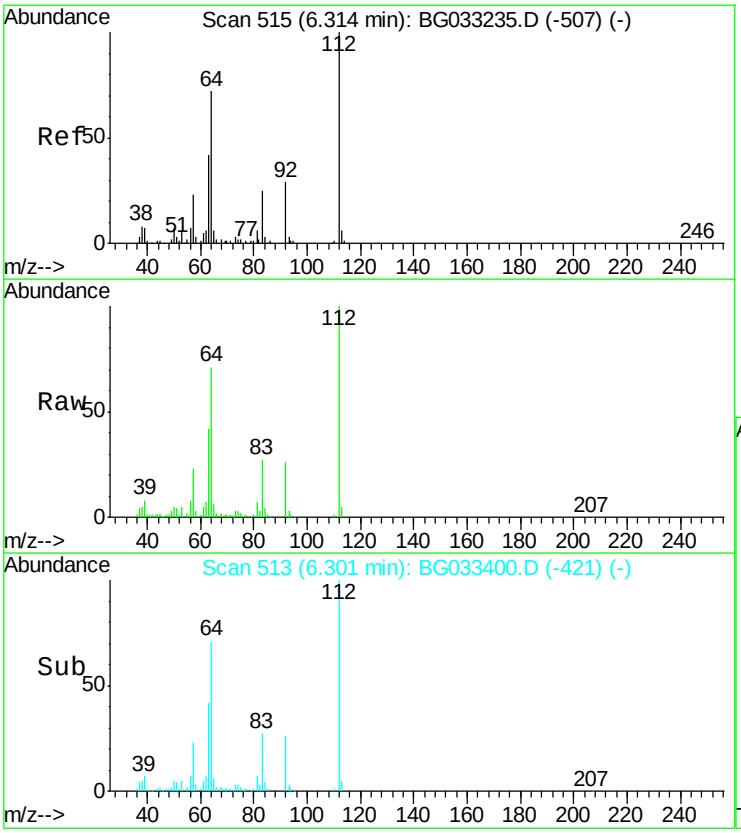
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:152 Resp: 39899

Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.6	189.8
115	55.5	53.0	79.4

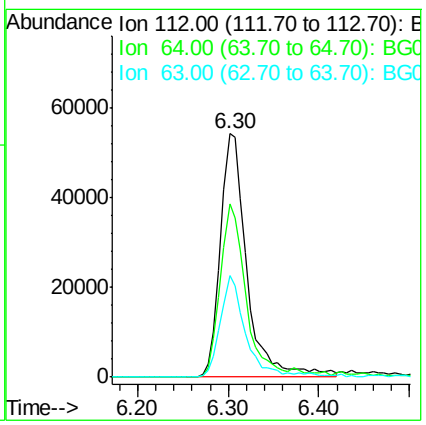


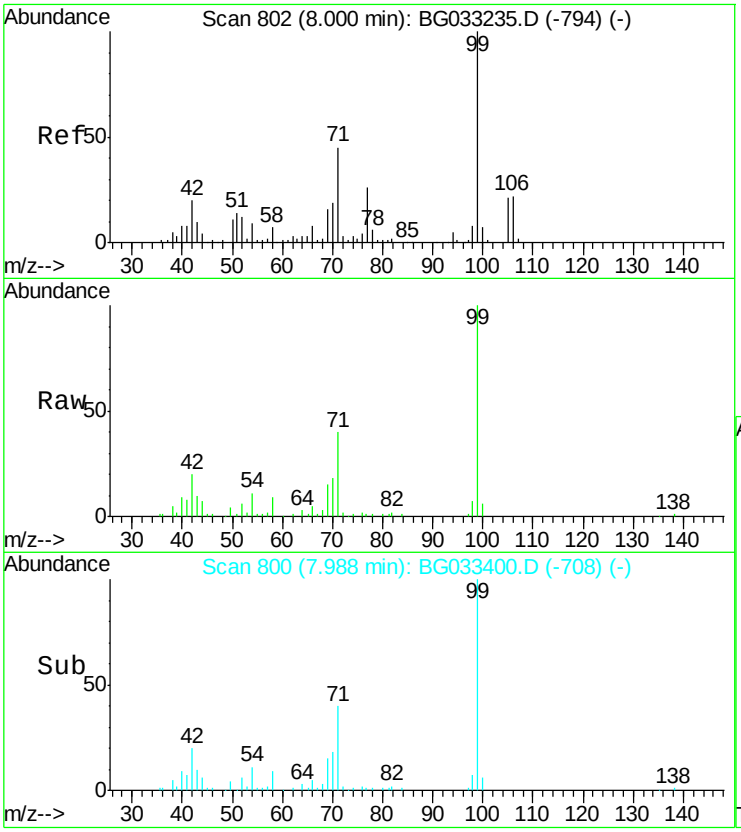


#5
2-Fluorophenol
Concen: 52.046 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Tgt Ion:112 Resp: 110743

Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.3	84.5
63	42.0	30.1	45.1



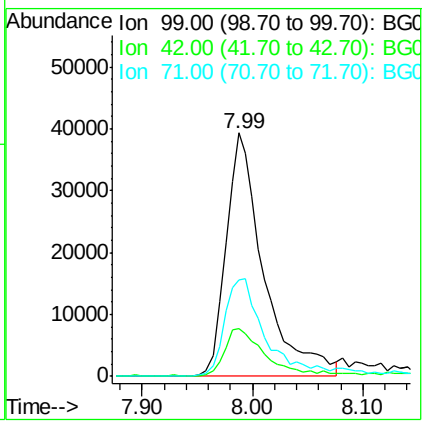


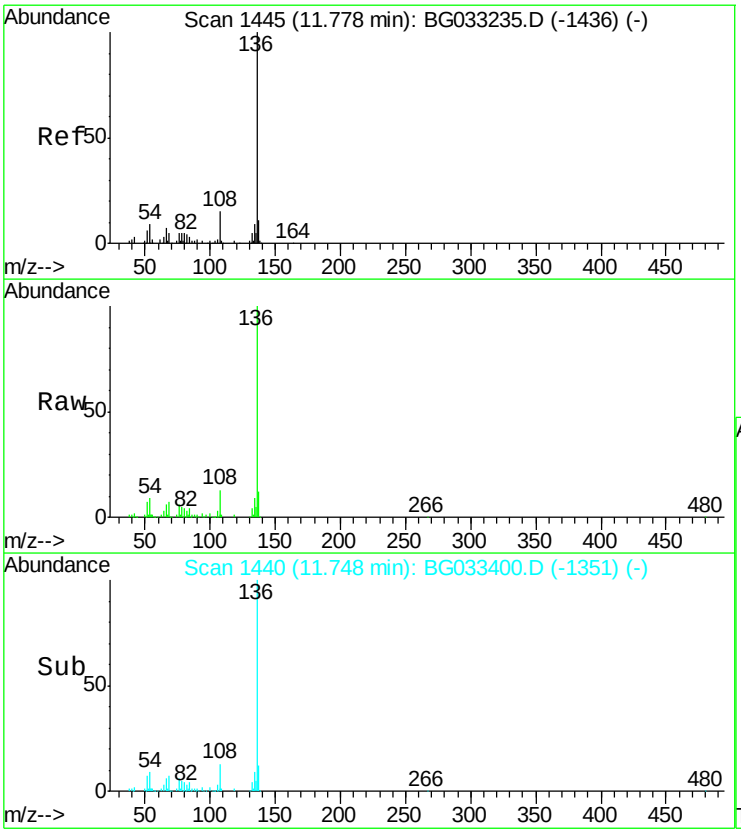
#7
Phenol-d6
Concen: 25.512 ng
RT: 7.99 min Scan# 800
Delta R.T. 0.01 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion: 99 Resp: 93272

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	39.7	26.1	39.1#

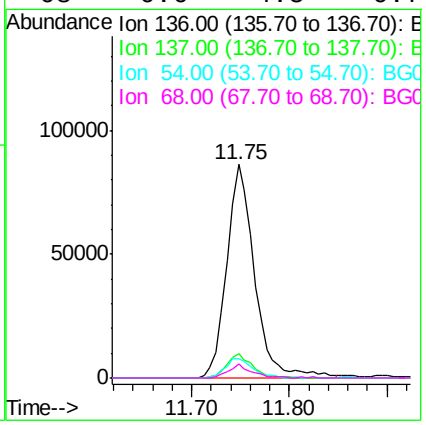


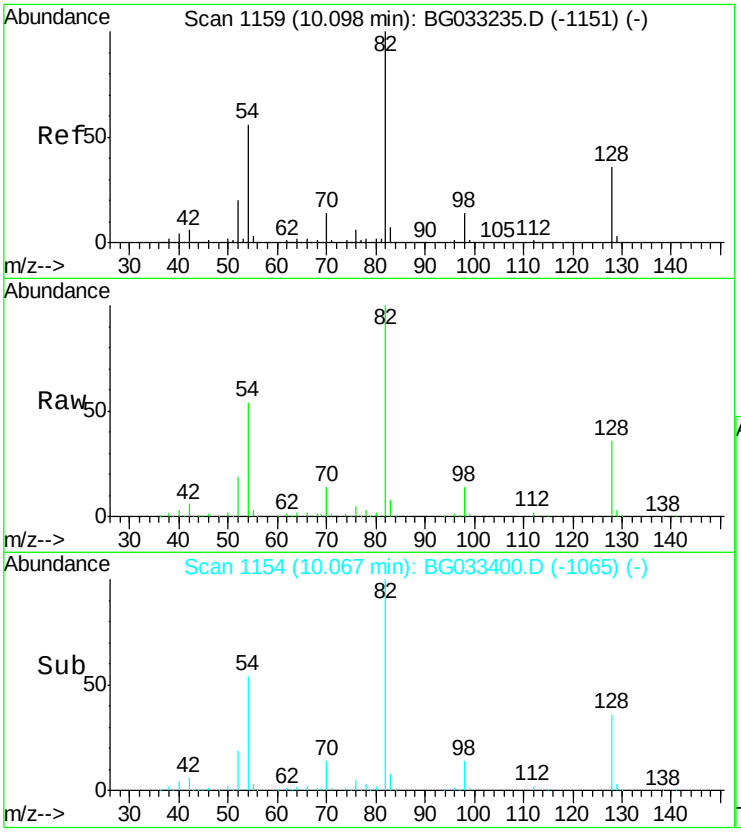


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Tgt Ion:136 Resp: 170952

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	9.5	10.3	15.5#
68	6.6	4.5	6.7



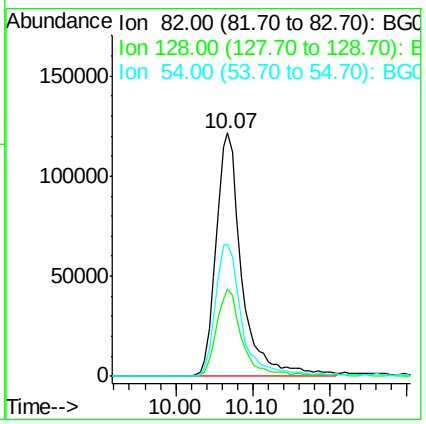


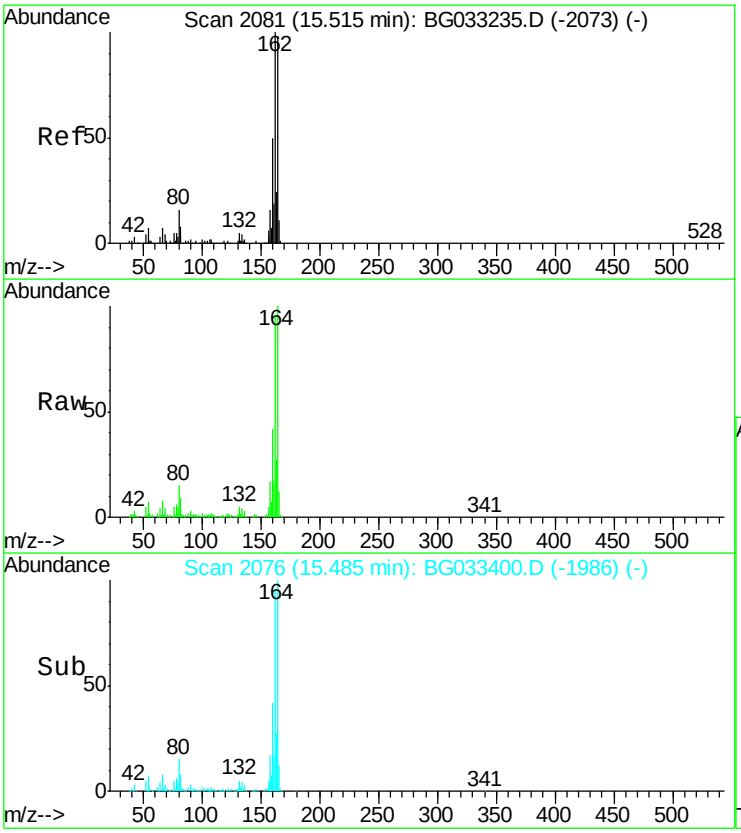
#23
Nitrobenzene-d5
Concen: 75.651 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion: 82 Resp: 281489

Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	54.3	43.1	64.7

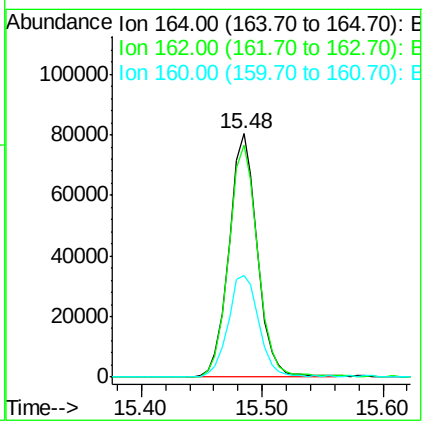


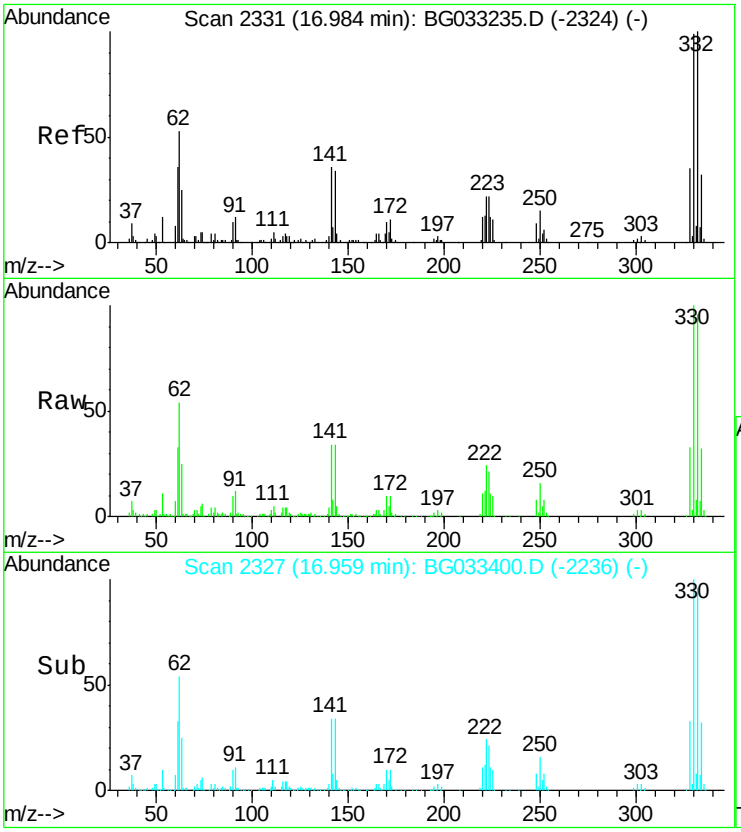


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Tgt Ion:164 Resp: 130773

Ion	Ratio	Lower	Upper
164	100		
162	95.5	78.8	118.2
160	41.7	35.4	53.0



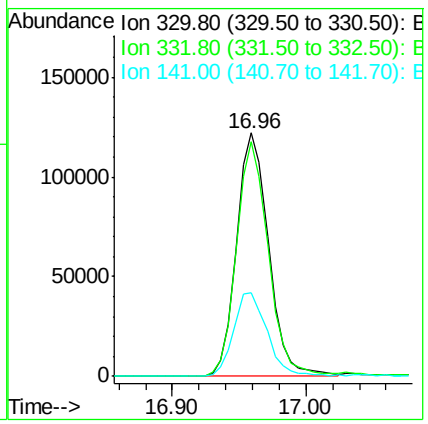


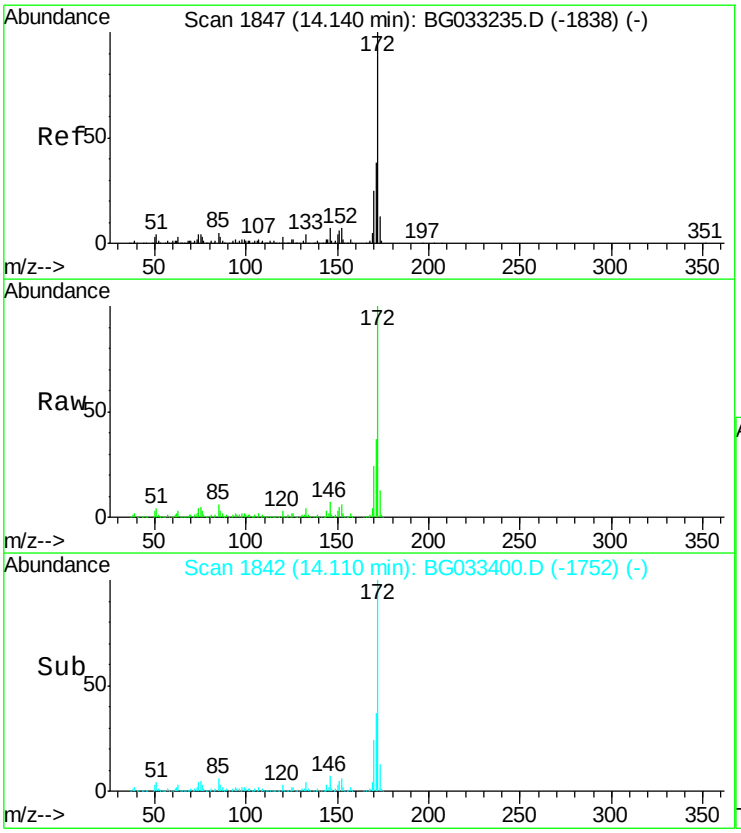
#41
2,4,6-Tribromophenol
Concen: 103.911 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:330 Resp: 203236

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	35.9	25.2	37.8

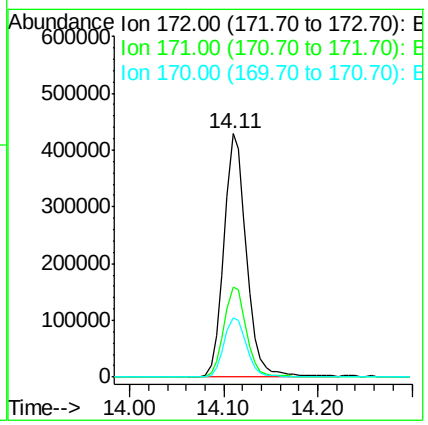


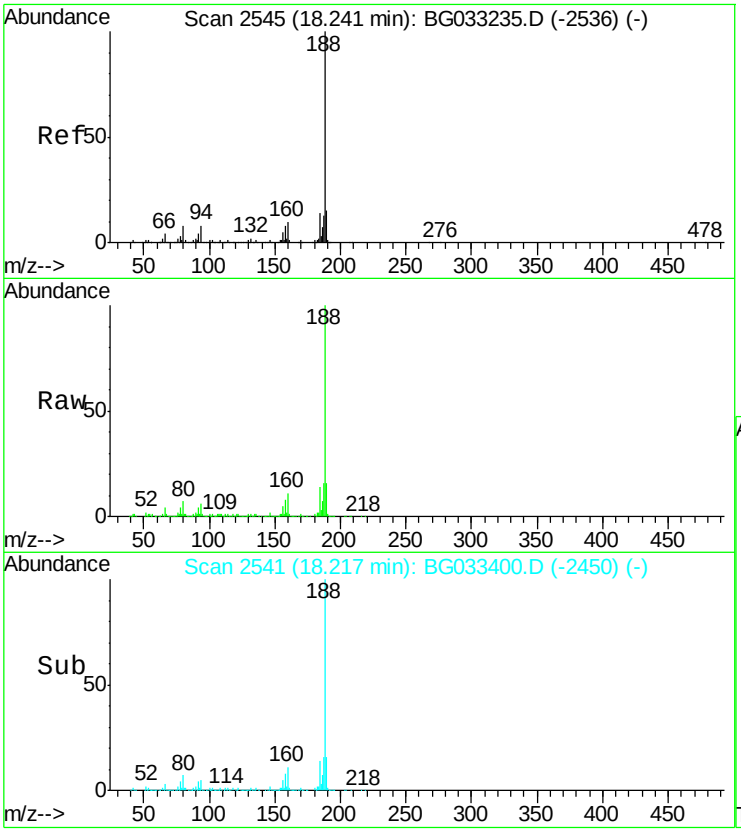


#44
2-Fluorobiphenyl
Concen: 79.034 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Tgt Ion:172 Resp: 715935

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.3	19.5	29.3



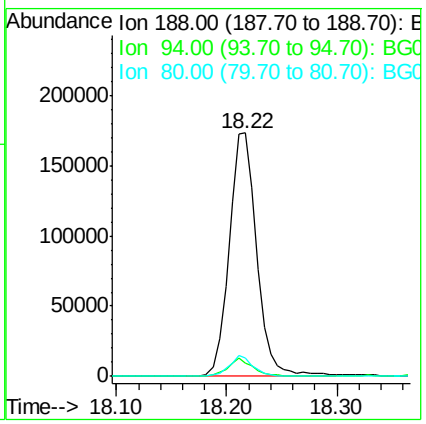


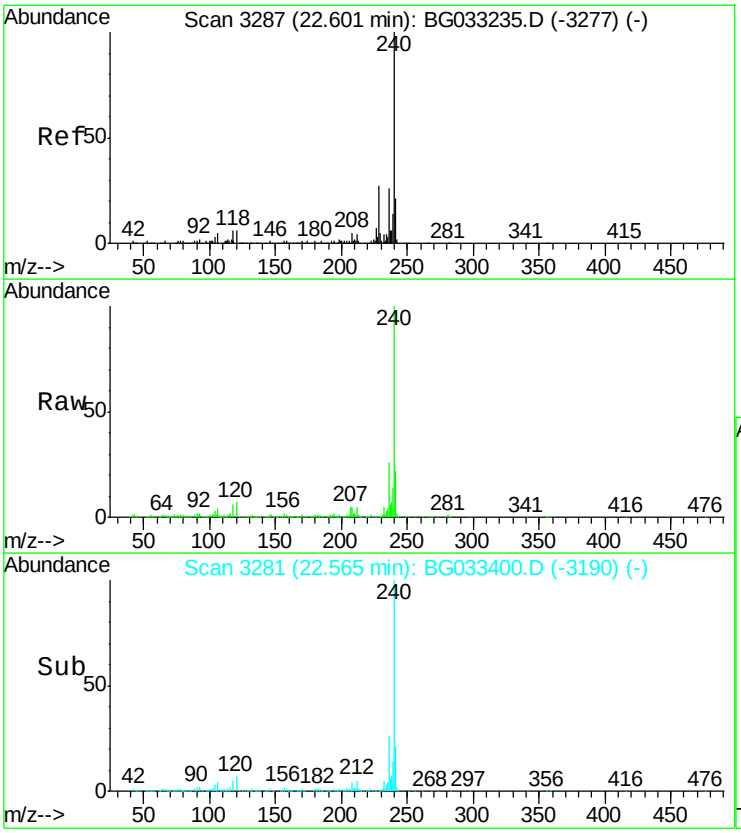
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.22 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:188 Resp: 303441

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.4	7.7	11.5#

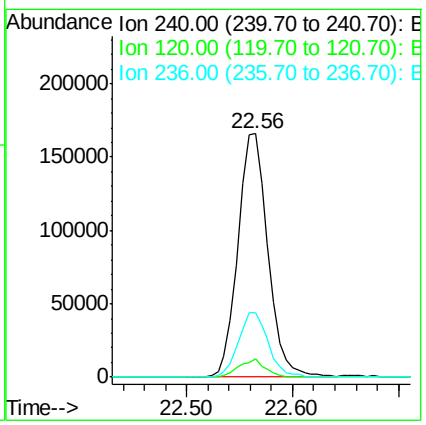


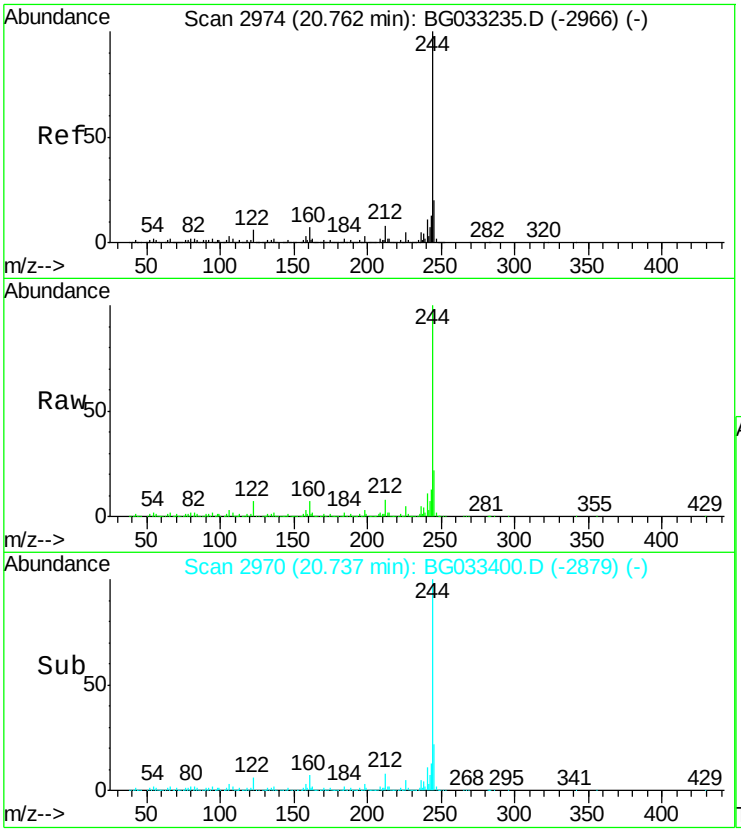


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3281
Delta R.T. 0.00 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Tgt Ion:240 Resp: 327282

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.8	10.2
236	26.3	20.9	31.3



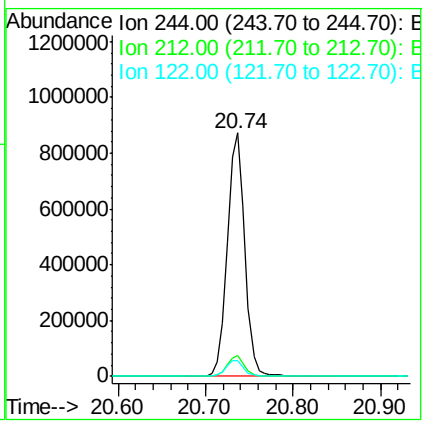


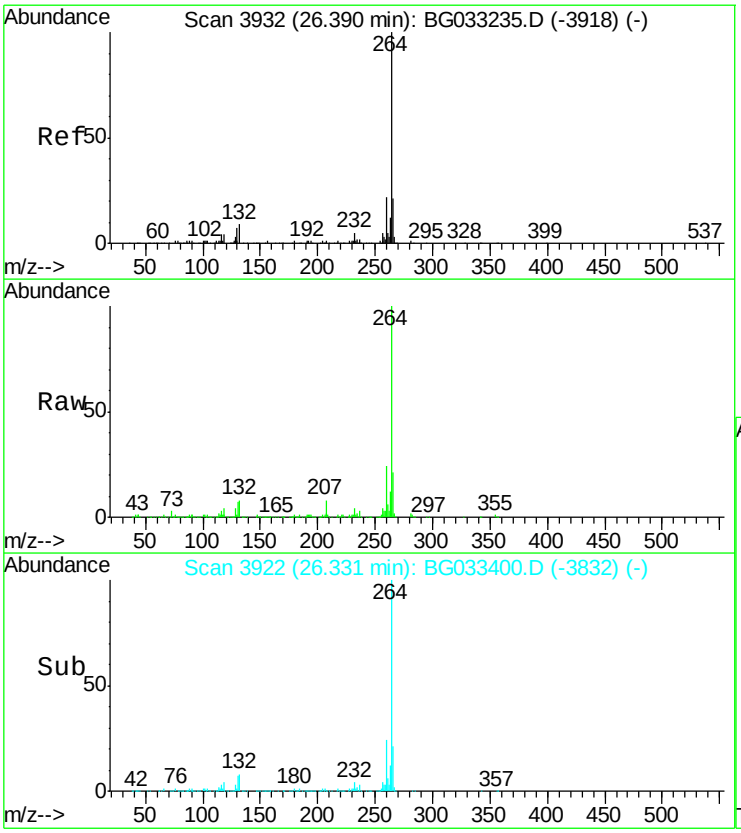
#78
Terphenyl-d14
Concen: 78.312 ng
RT: 20.74 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:244 Resp: 1198453

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033400.D
Acq: 28 Mar 2018 23:59

Tgt Ion:264 Resp: 358145

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.4	17.7	26.5