Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033392.D
Acq On : 28 Mar 2018 18:58
Operator : SJ/JU
Sample : J2072-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

Quant Time: Mar 29 07:23:05 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	41364	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	185060	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	144035	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	336058	20.00	ng	0.00
75) Chrysene-d12	22.56	240	347120	20.00	ng	0.00
86) Perylene-d12	26.34	264	389508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	317200	143.79	ng	0.02
7) Phenol-d6	8.00	99	421451	111.19	ng	0.02
23) Nitrobenzene-d5	10.06	82	316372	78.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	248105	115.17	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	783787	78.56	ng	0.00
78) Terphenyl-d14	20.74	244	1237012	76.21	ng	0.00

Target Compounds	Qvalue

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

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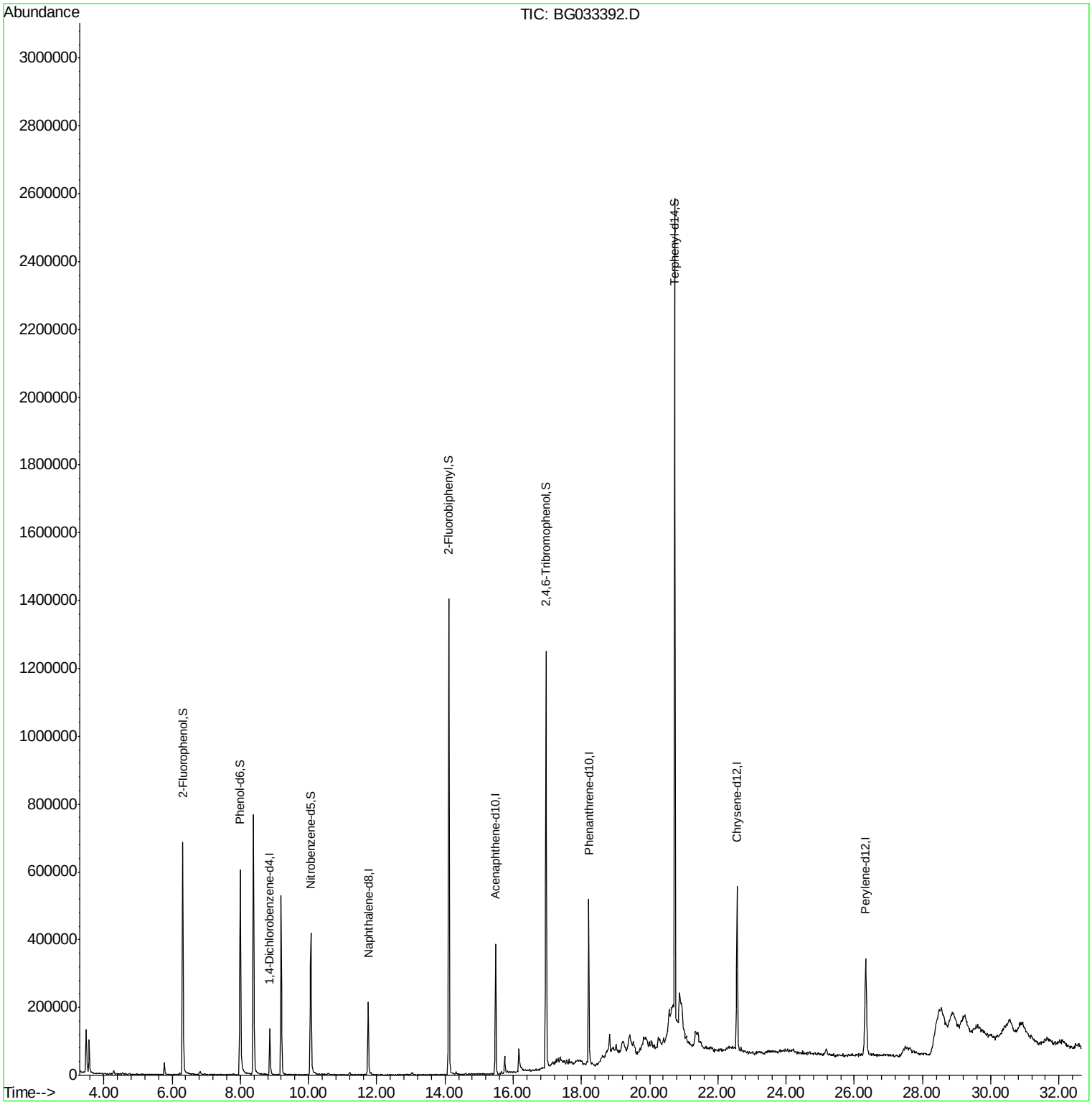
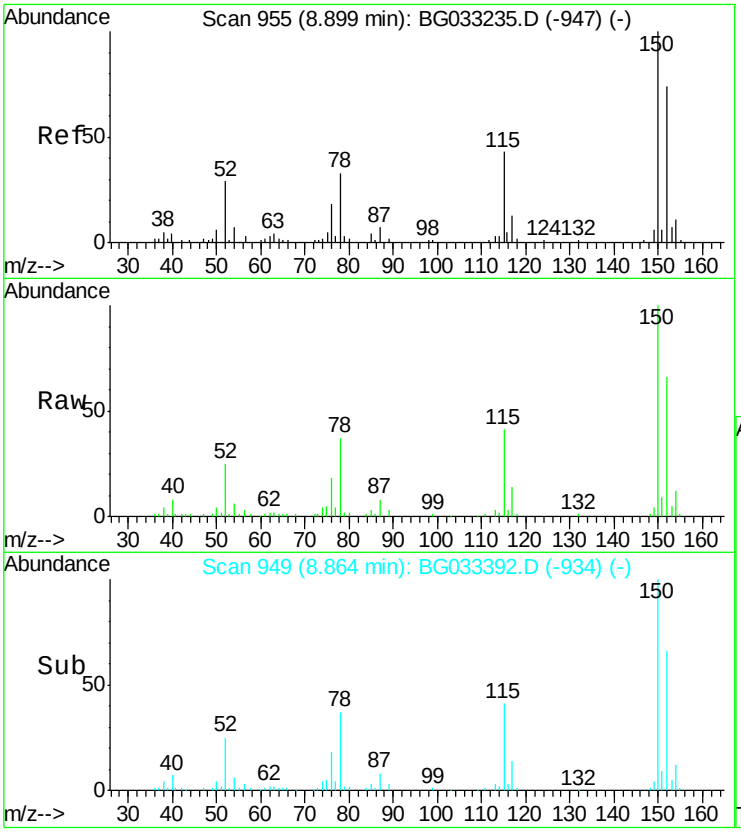


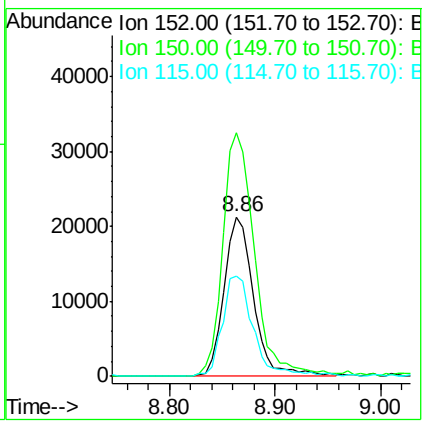


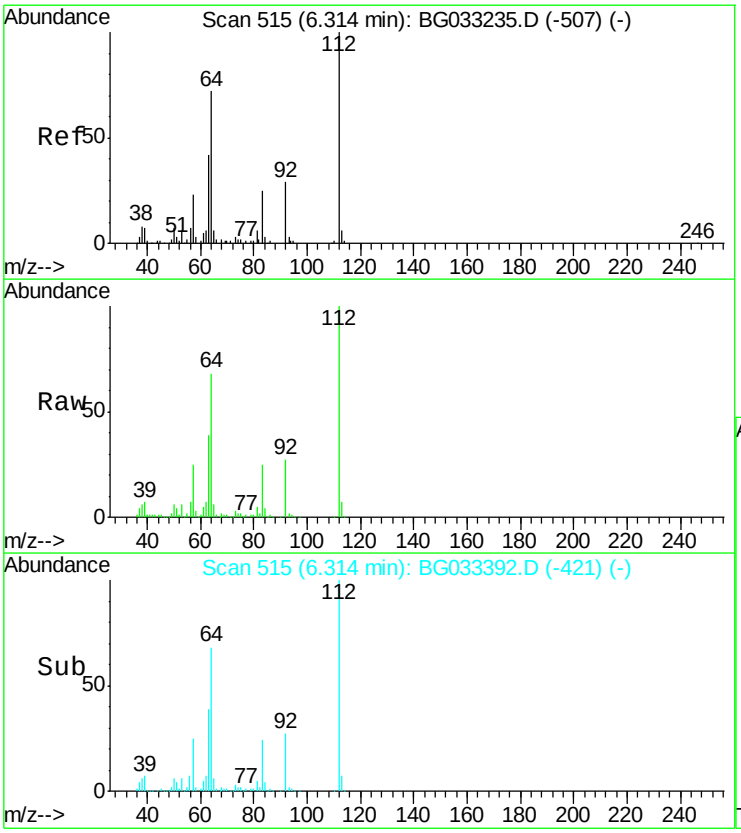
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Instrument :
BNA_G
ClientSampleId :
C0AB3

Tgt Ion:152 Resp: 41364

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.6	189.8
115	62.5	53.0	79.4

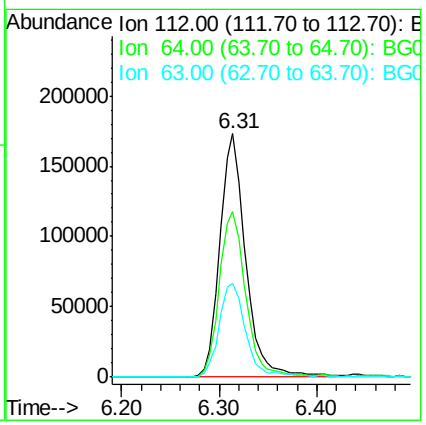


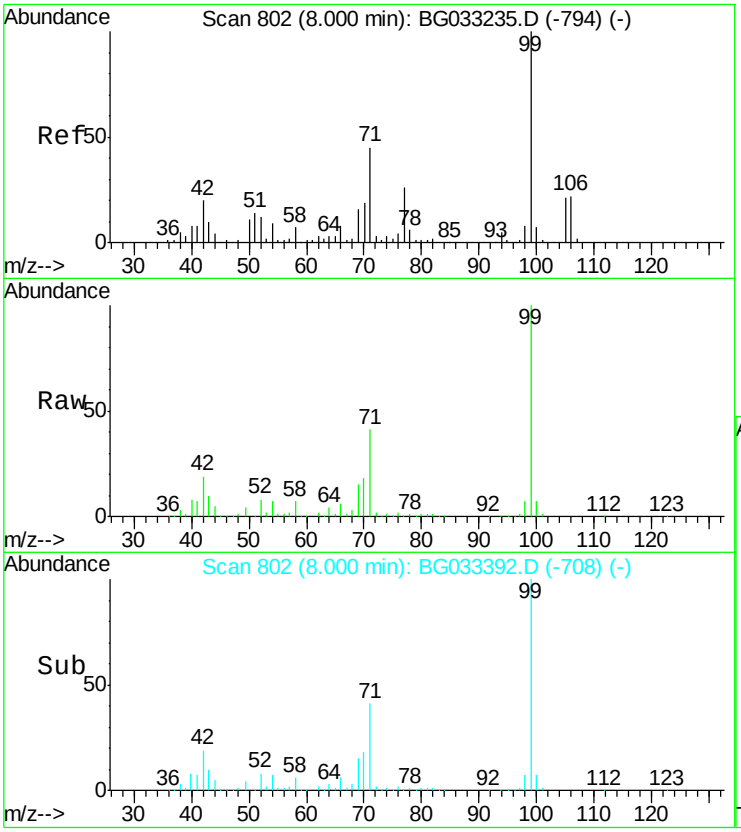


#5
2-Fluorophenol
Concen: 143.794 ng
RT: 6.31 min Scan# 515
Delta R.T. 0.02 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Tgt Ion:112 Resp: 317200

Ion	Ratio	Lower	Upper
112	100		
64	68.2	56.3	84.5
63	38.7	30.1	45.1



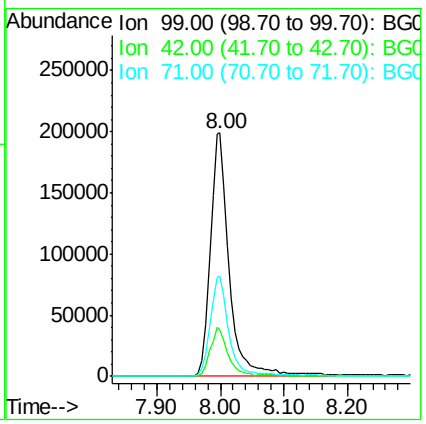


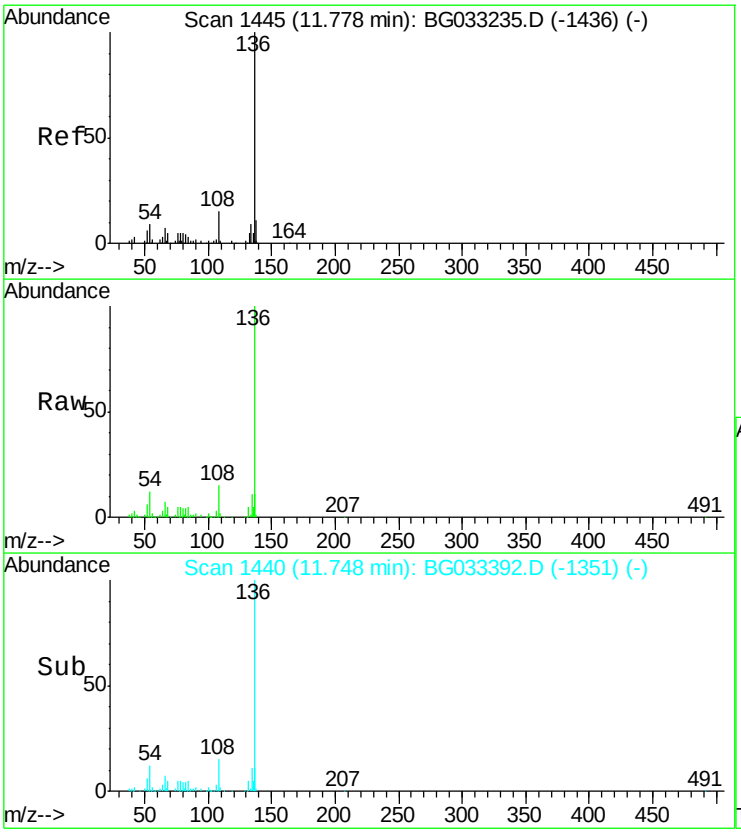
#7
Phenol-d6
Concen: 111.193 ng
RT: 8.00 min Scan# 802
Delta R.T. 0.02 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Instrument :
BNA_G
ClientSampleId :
C0AB3

Tgt Ion: 99 Resp: 421451

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	41.4	26.1	39.1#

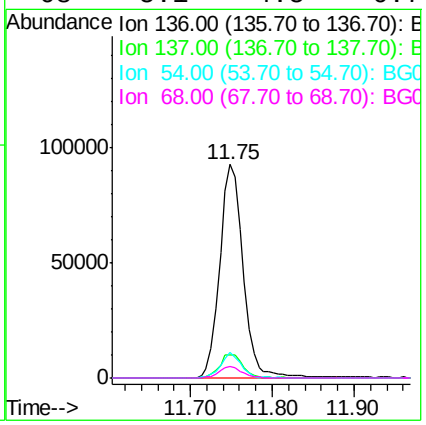


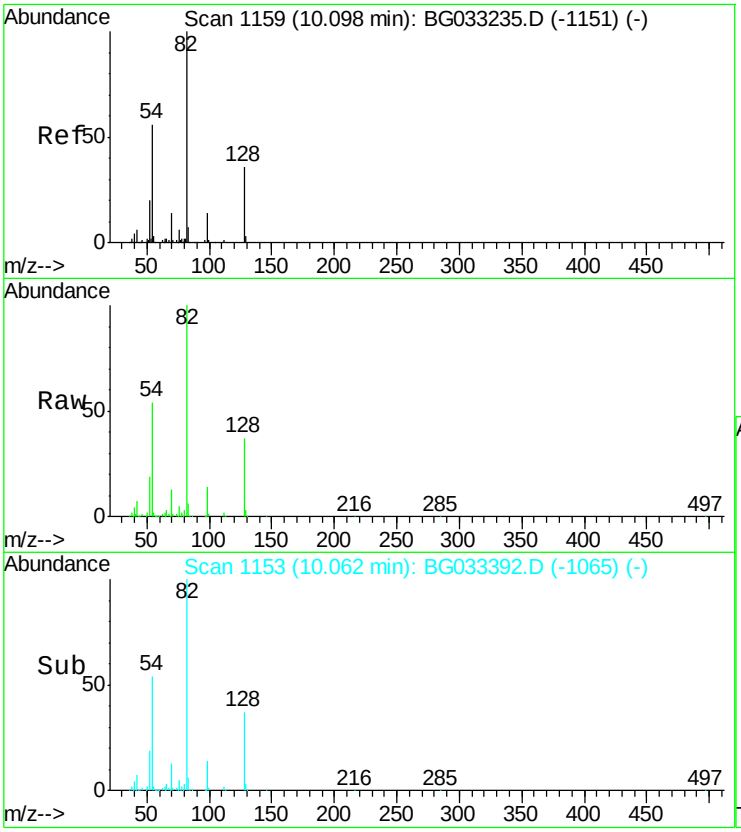


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Tgt Ion:136 Resp: 185060

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	12.0	10.3	15.5
68	5.1	4.5	6.7



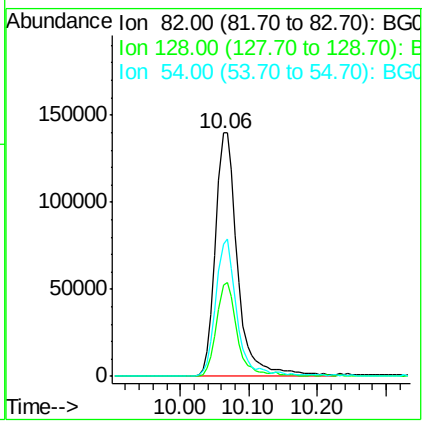


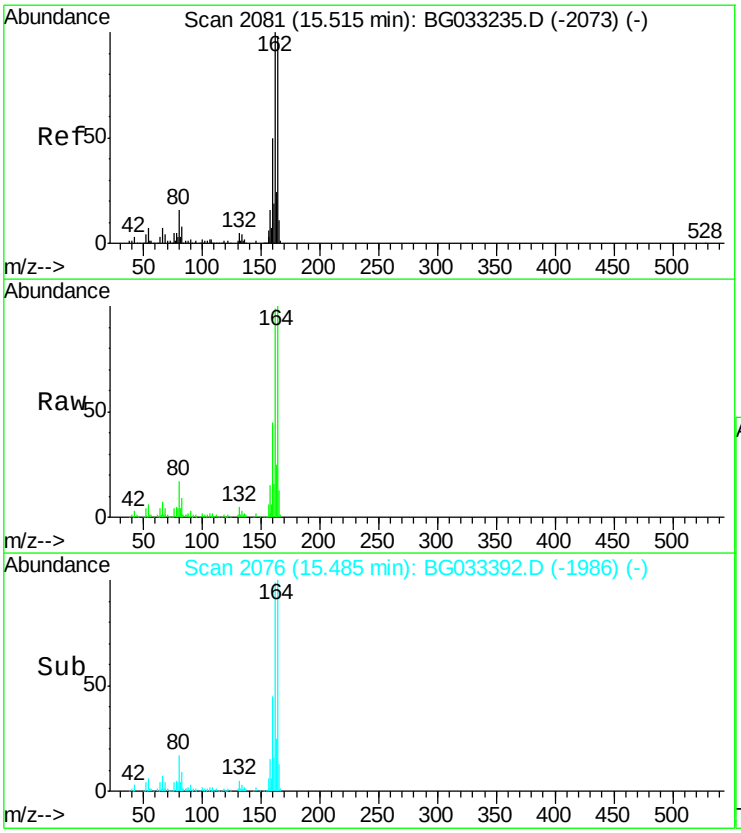
#23
Nitrobenzene-d5
Concen: 78.544 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Instrument :
BNA_G
ClientSampleId :
C0AB3

Tgt Ion: 82 Resp: 316372

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.7	44.5
54	54.2	43.1	64.7

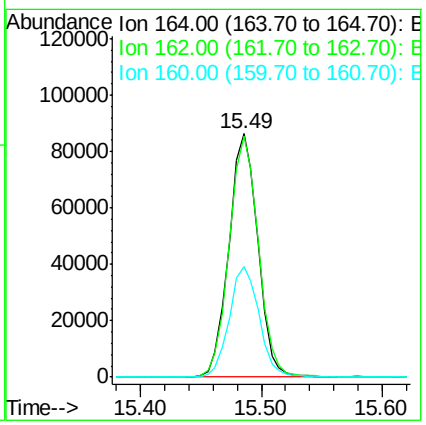


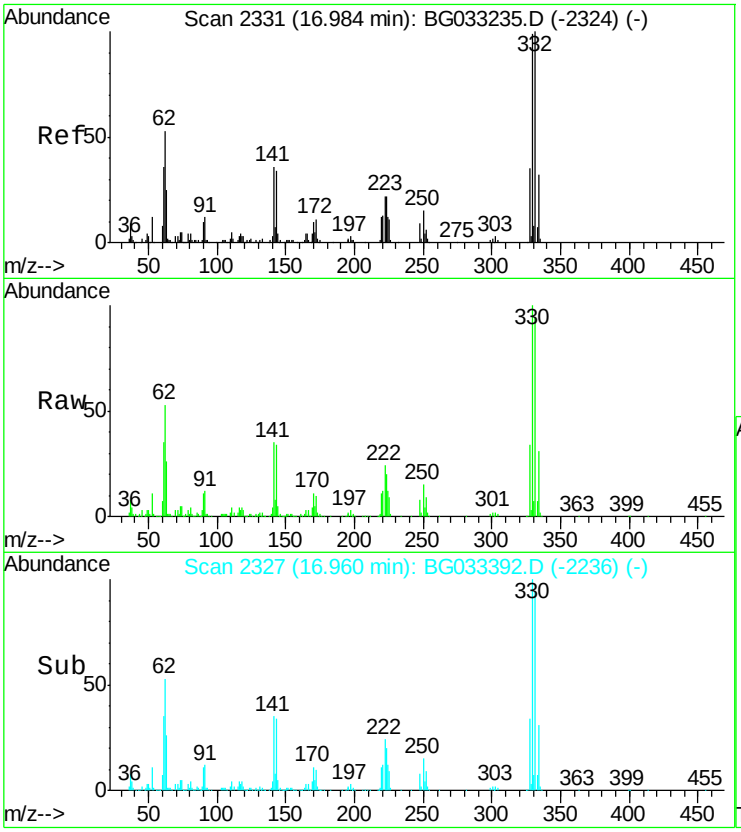


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Tgt Ion:164 Resp: 144035

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	45.4	35.4	53.0



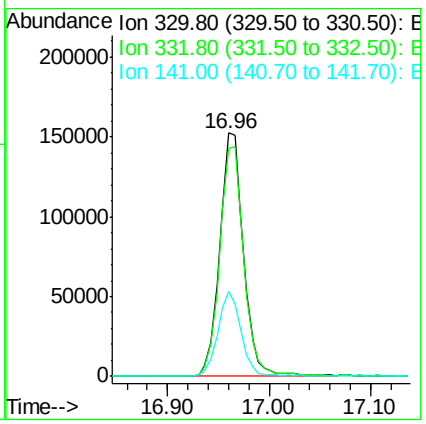


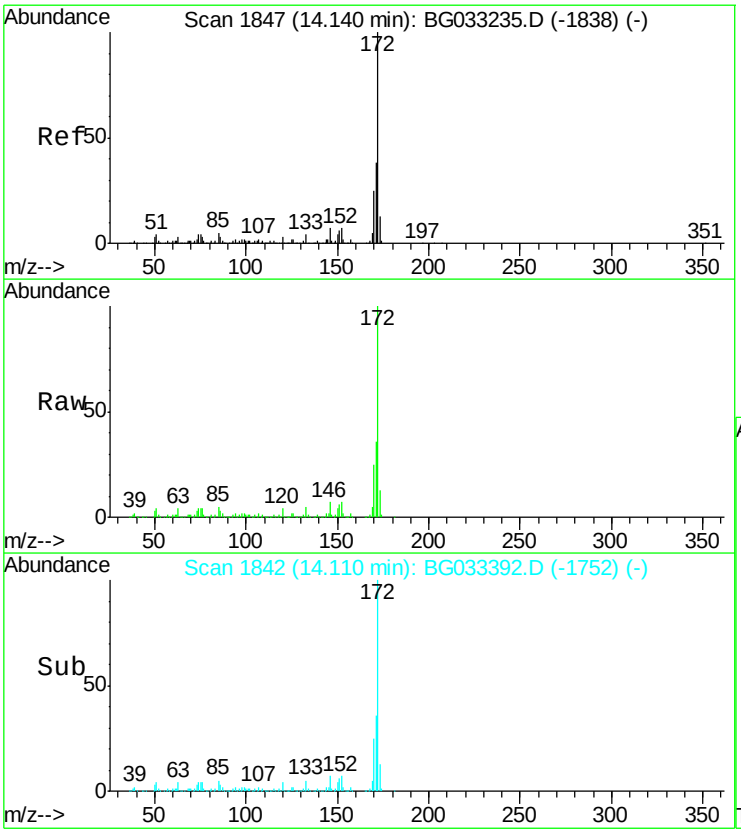
#41
2,4,6-Tribromophenol
Concen: 115.172 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Instrument :
BNA_G
ClientSampleId :
C0AB3

Tgt Ion:330 Resp: 248105

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.9	25.2	37.8

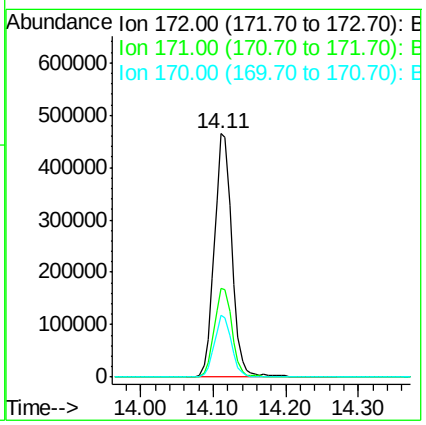


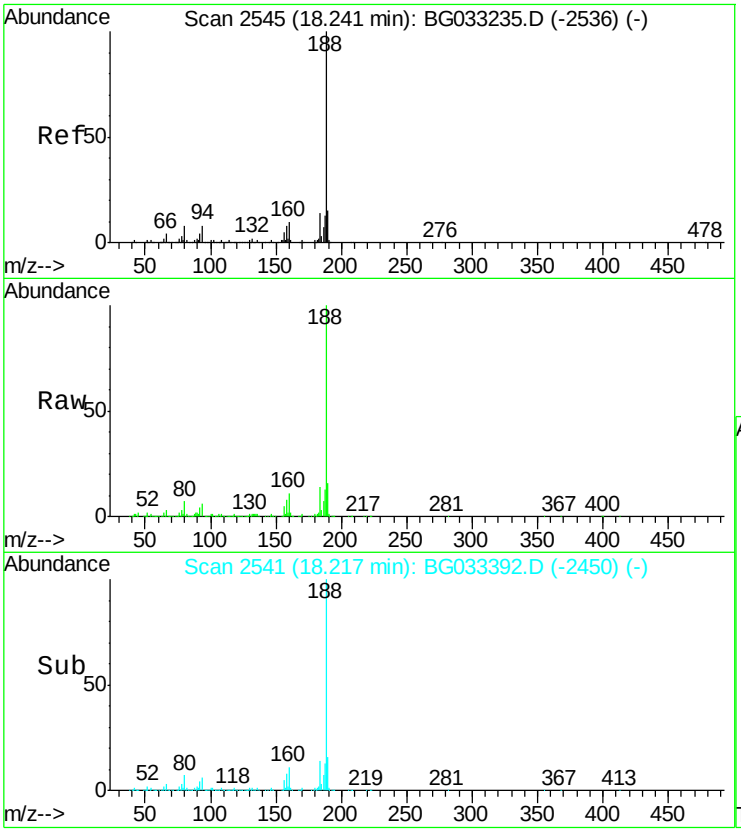


#44
2-Fluorobiphenyl
Concen: 78.557 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Tgt Ion:172 Resp: 783787

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	25.5	19.5	29.3



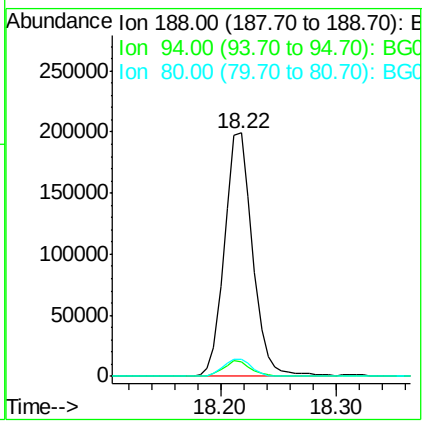


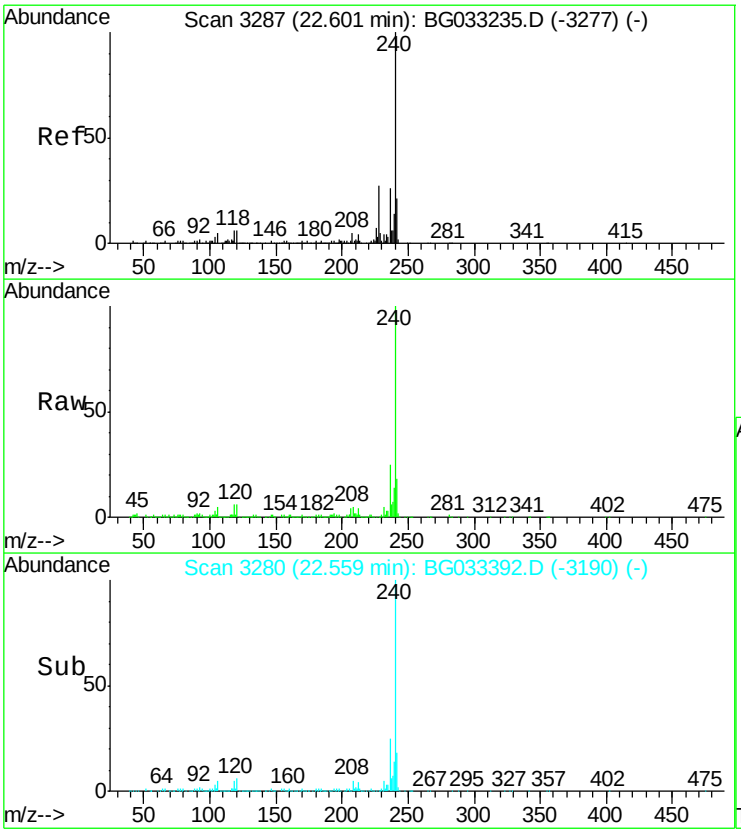
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.22 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Instrument :
BNA_G
ClientSampleId :
C0AB3

Tgt Ion:188 Resp: 336058

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.9	7.7	11.5#

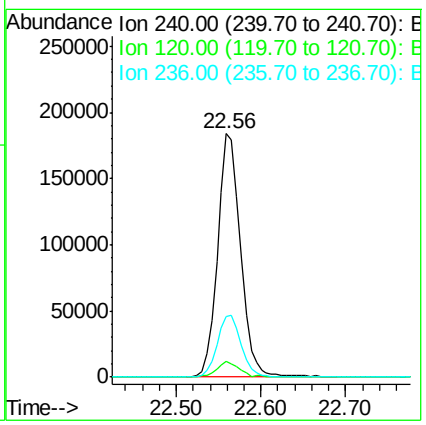


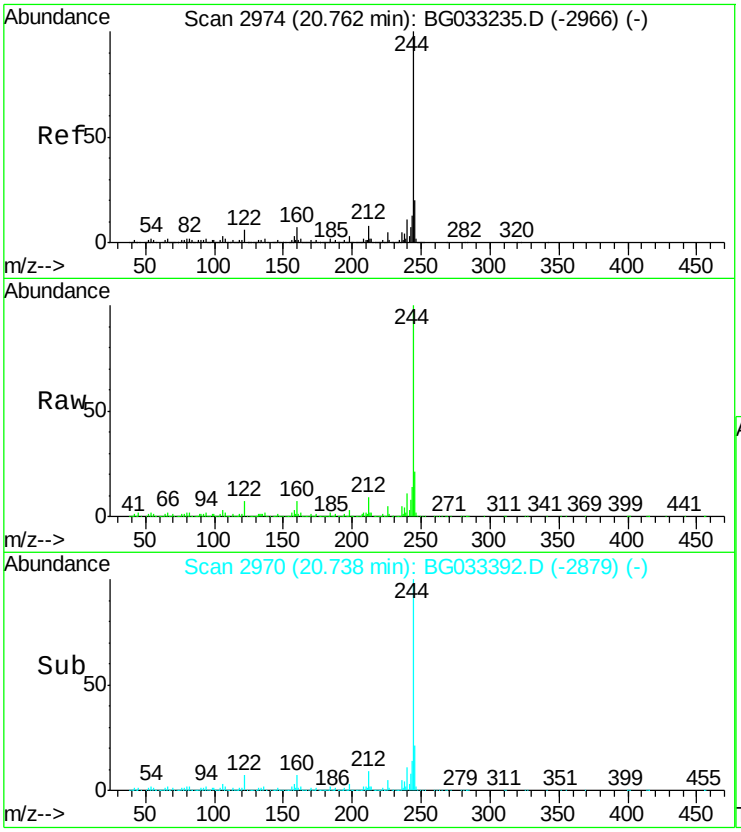


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Tgt Ion:240 Resp: 347120

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	25.0	20.9	31.3



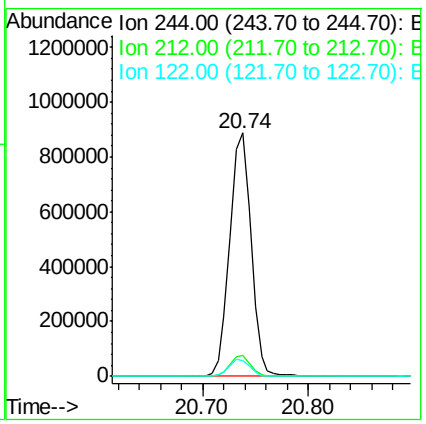


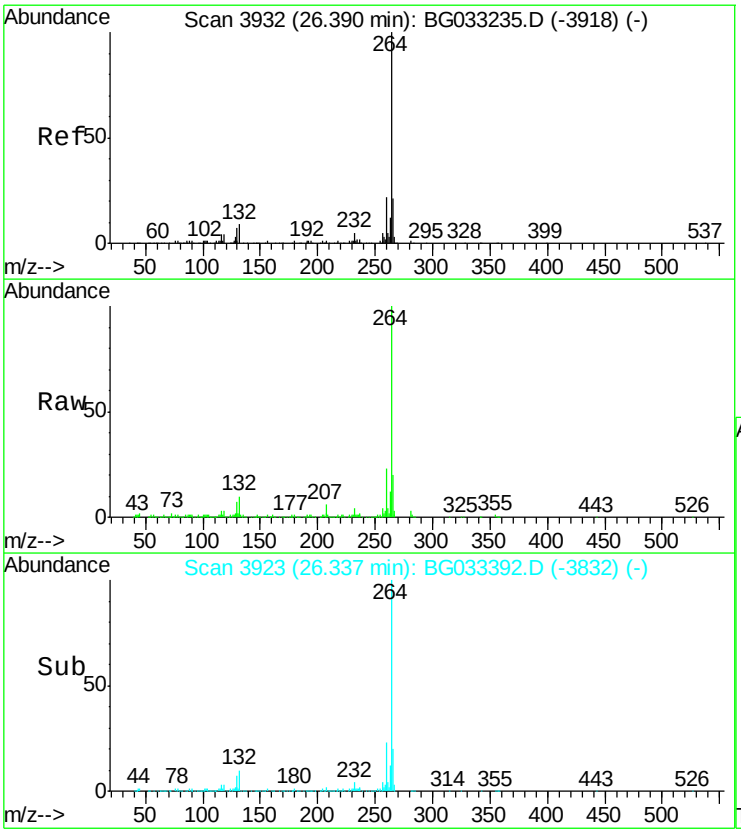
#78
Terphenyl-d14
Concen: 76.212 ng
RT: 20.74 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Instrument :
BNA_G
ClientSampleId :
C0AB3

Tgt Ion:244 Resp: 1237012

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. 0.00 min
Lab File: BG033392.D
Acq: 28 Mar 2018 18:58

Tgt Ion:264 Resp: 389508

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.4	17.7	26.5