Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
Data File : BG038125.D
Acq On : 21 Nov 2018 20:15
Operator : JU/SJ
Sample : J5765-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-112018

Quant Time: Nov 22 01:38:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	46322	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	194559	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	125275	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	281290	20.00	ng	0.00
76) Chrysene-d12	21.75	240	275914	20.00	ng	0.00
87) Perylene-d12	25.07	264	260853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	308022	114.81	ng	0.00
7) Phenol-d6	7.23	99	400804	104.66	ng	0.00
23) Nitrobenzene-d5	9.26	82	305609	84.08	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	144281	100.99	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	663259	77.13	ng	0.00
79) Terphenyl-d14	20.07	244	1046324	89.23	ng	0.00
Target Compounds						Qvalue

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

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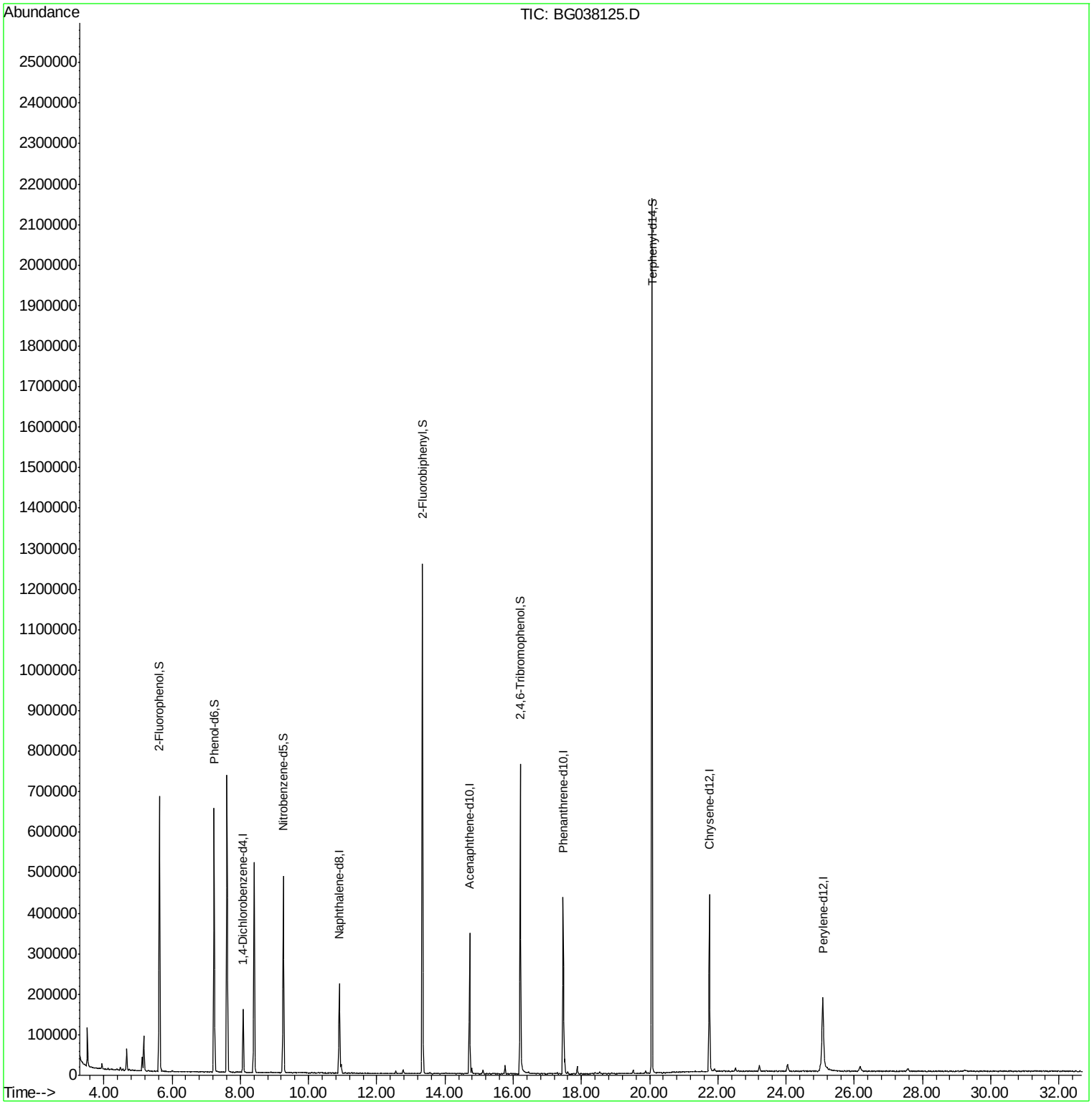
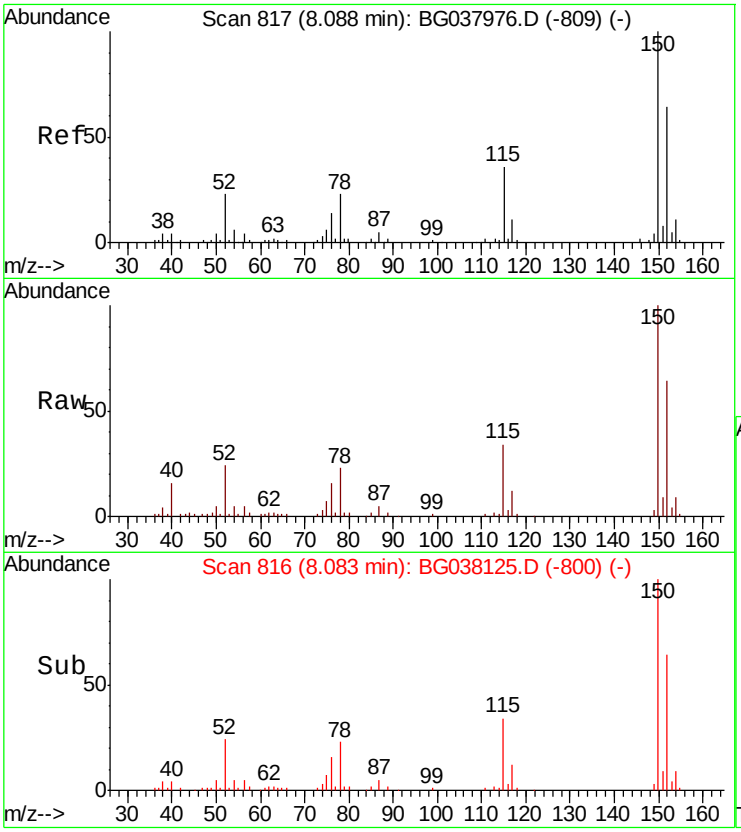


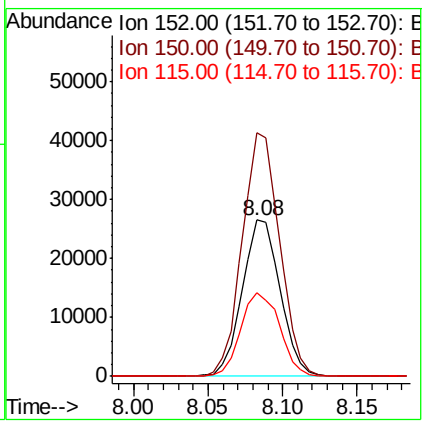


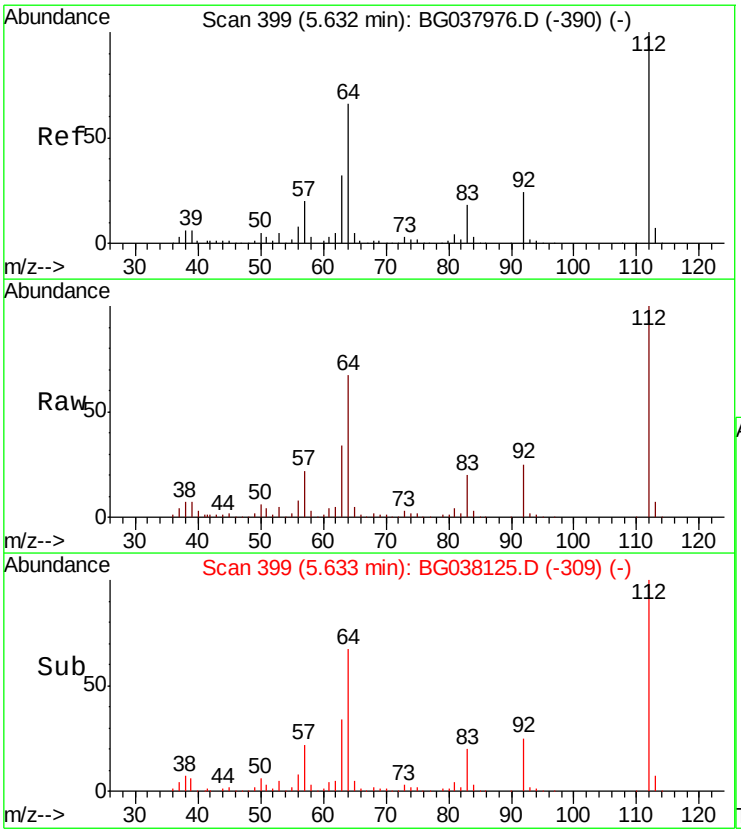
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Instrument :
BNA_G
ClientSampleId :
NB-08-112018

Tgt Ion:152 Resp: 46322

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.0	189.0
115	53.7	45.5	68.3

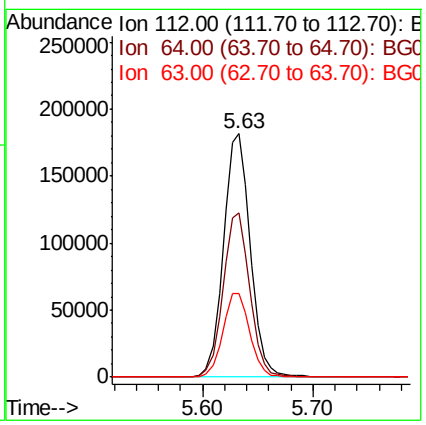


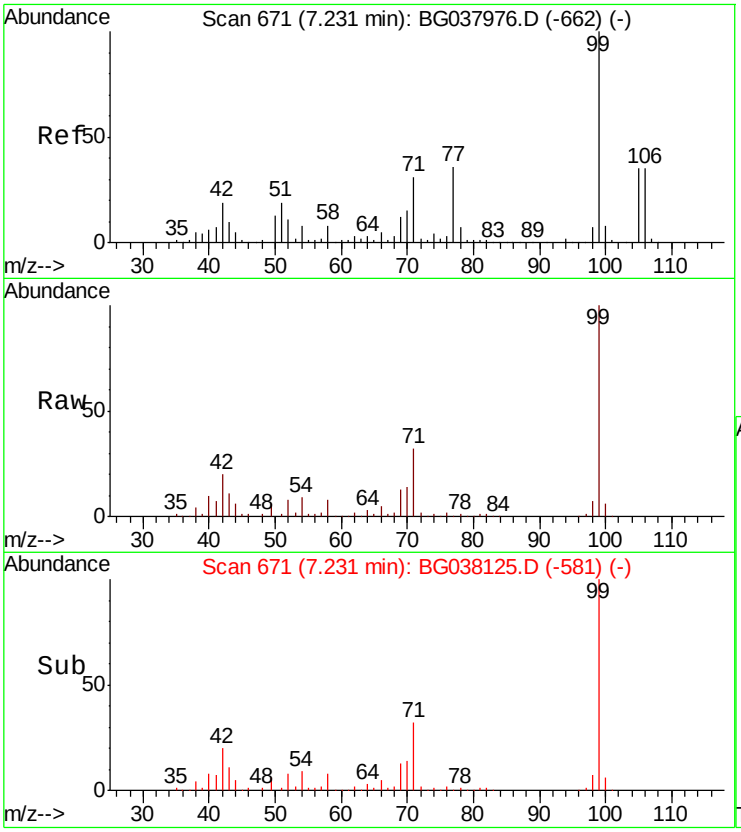


#5
2-Fluorophenol
Concen: 114.809 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Tgt Ion:112 Resp: 308022

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.1	79.7
63	34.3	27.3	40.9



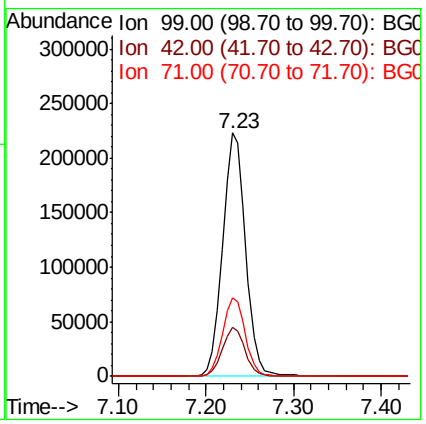


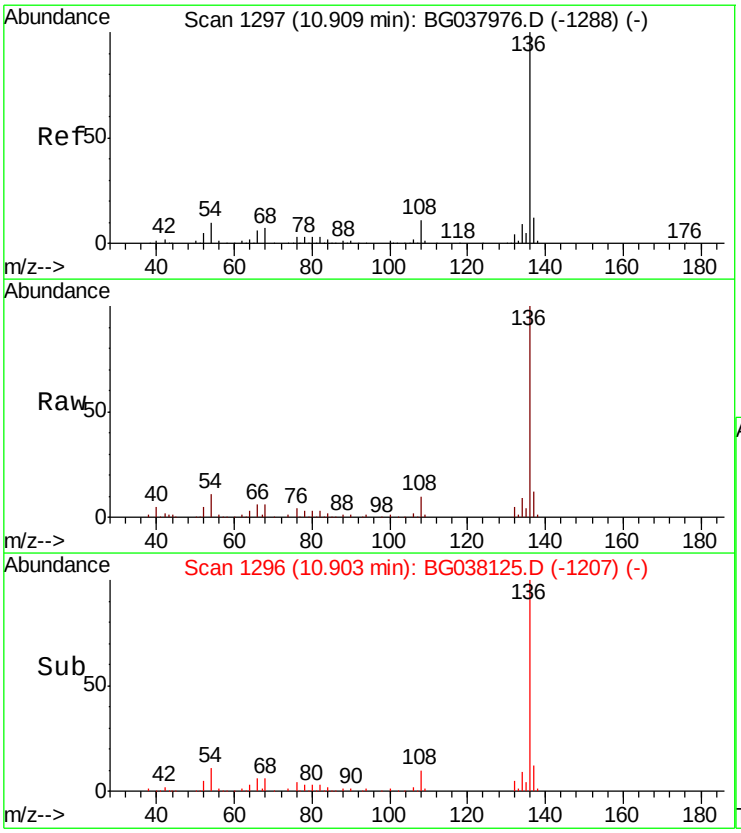
#7
Phenol-d6
Concen: 104.657 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Instrument :
BNA_G
ClientSampleId :
NB-08-112018

Tgt Ion: 99 Resp: 400804

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.0	22.4
71	32.1	25.5	38.3

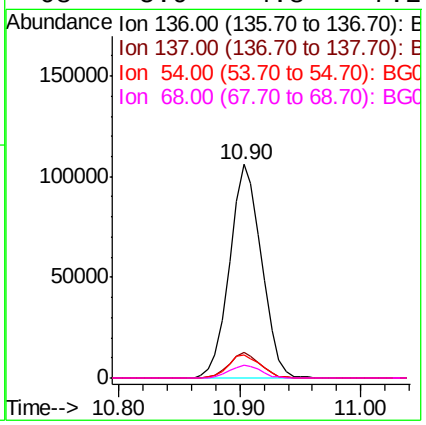


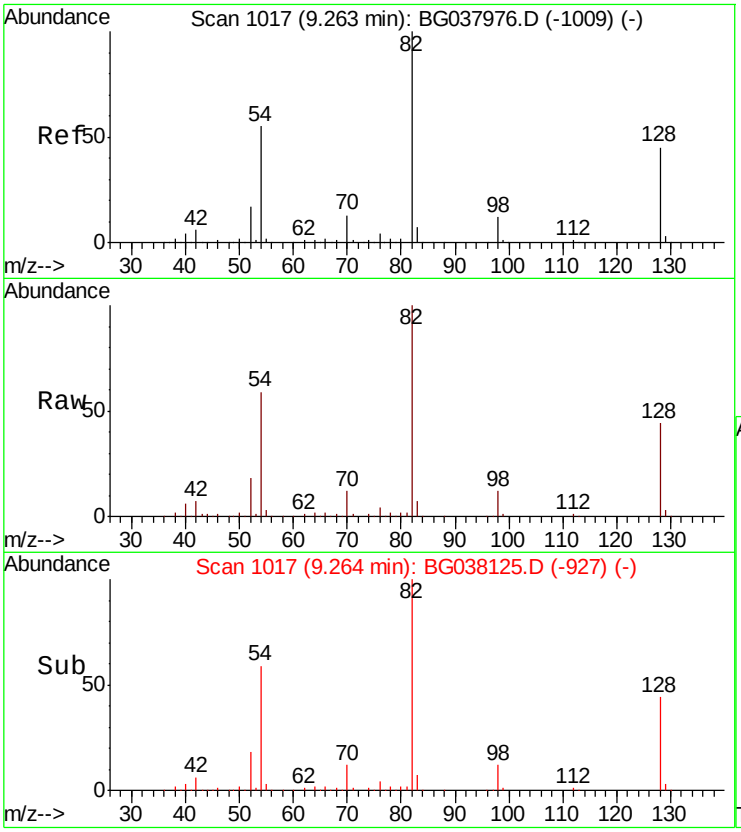


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Tgt Ion:136 Resp: 194559

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	10.9	7.9	11.9
68	5.9	4.8	7.2



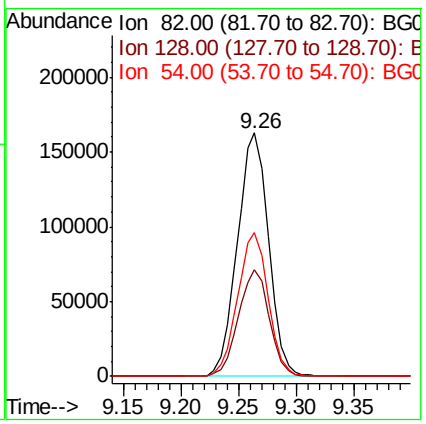


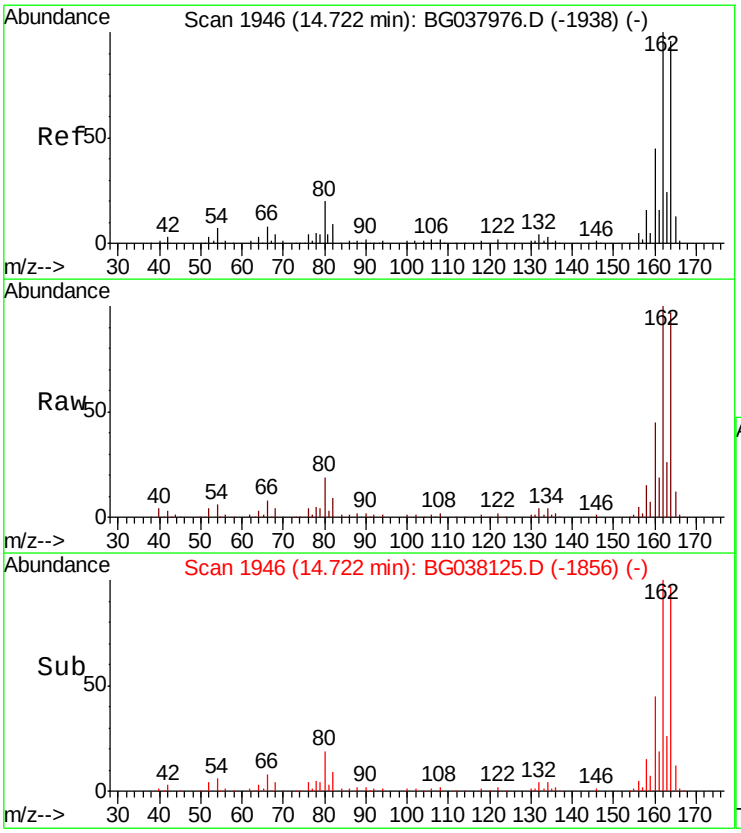
#23
Nitrobenzene-d5
Concen: 84.084 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Instrument :
BNA_G
ClientSampleId :
NB-08-112018

Tgt Ion: 82 Resp: 305609

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	59.1	45.3	67.9

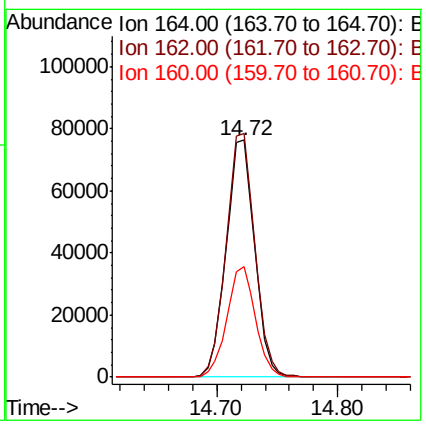


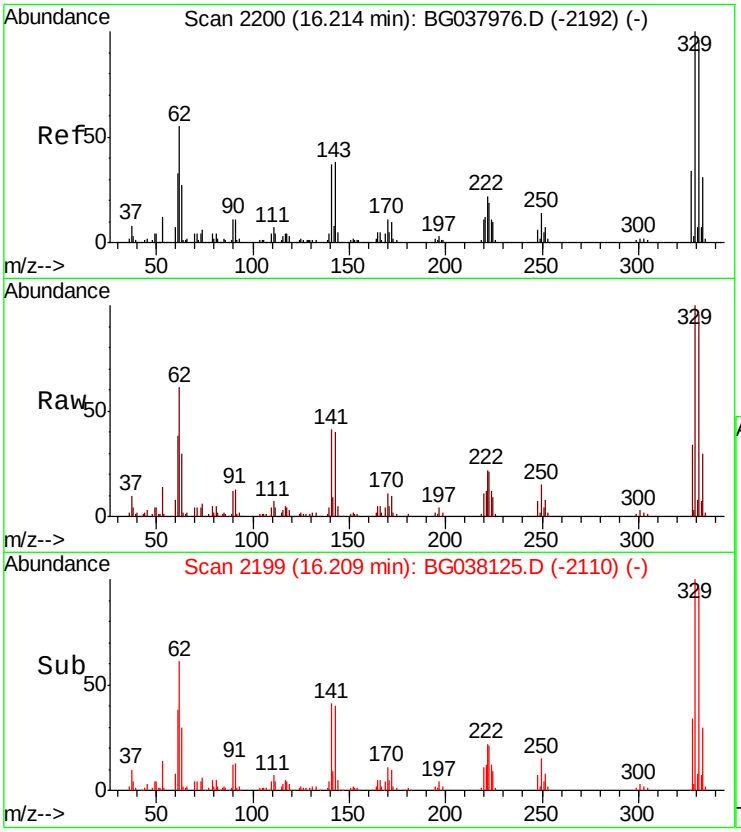


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Tgt Ion:164 Resp: 125275

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	46.4	36.3	54.5



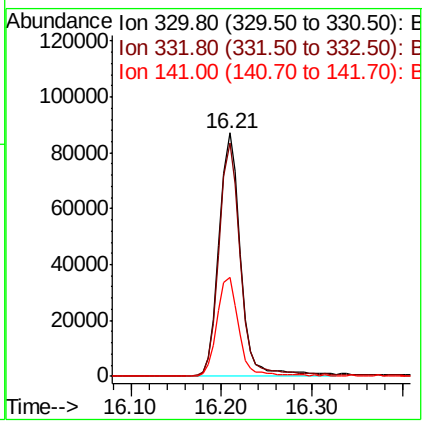


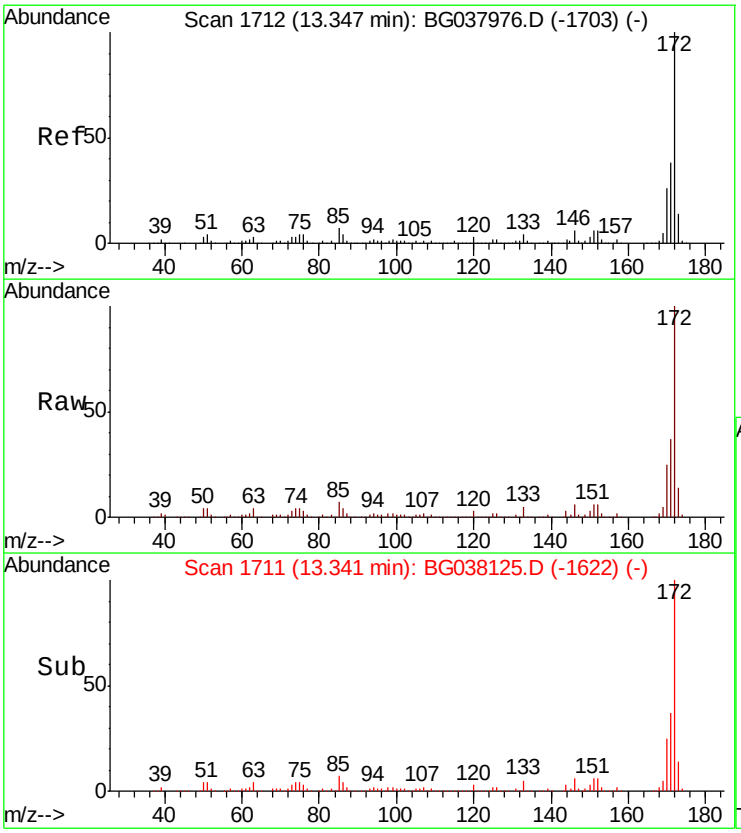
#42
2,4,6-Tribromophenol
Concen: 100.985 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Instrument :
BNA_G
ClientSampleId :
NB-08-112018

Tgt Ion:330 Resp: 144281

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	41.0	32.2	48.2

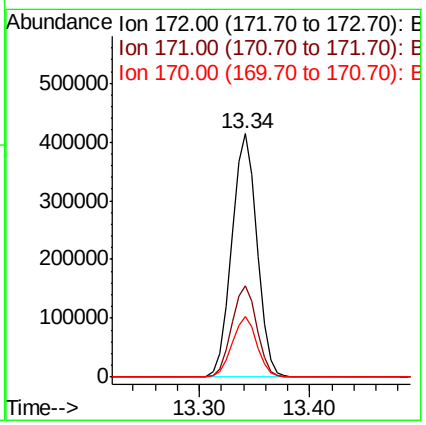


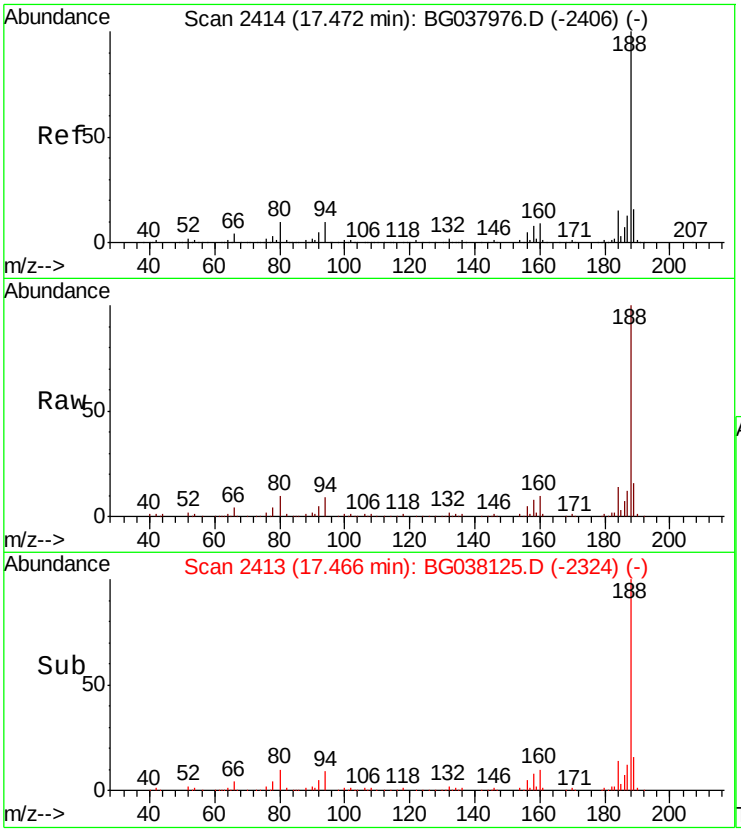


#45
2-Fluorobiphenyl
Concen: 77.132 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Tgt Ion:172 Resp: 663259

Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	24.7	20.2	30.2



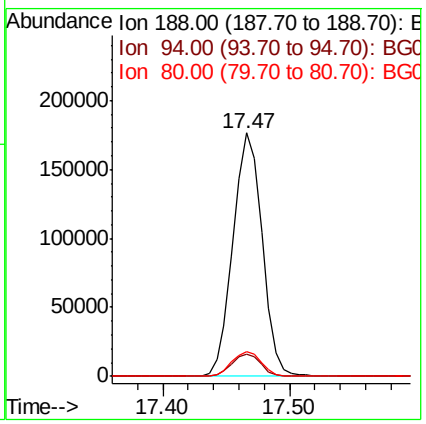


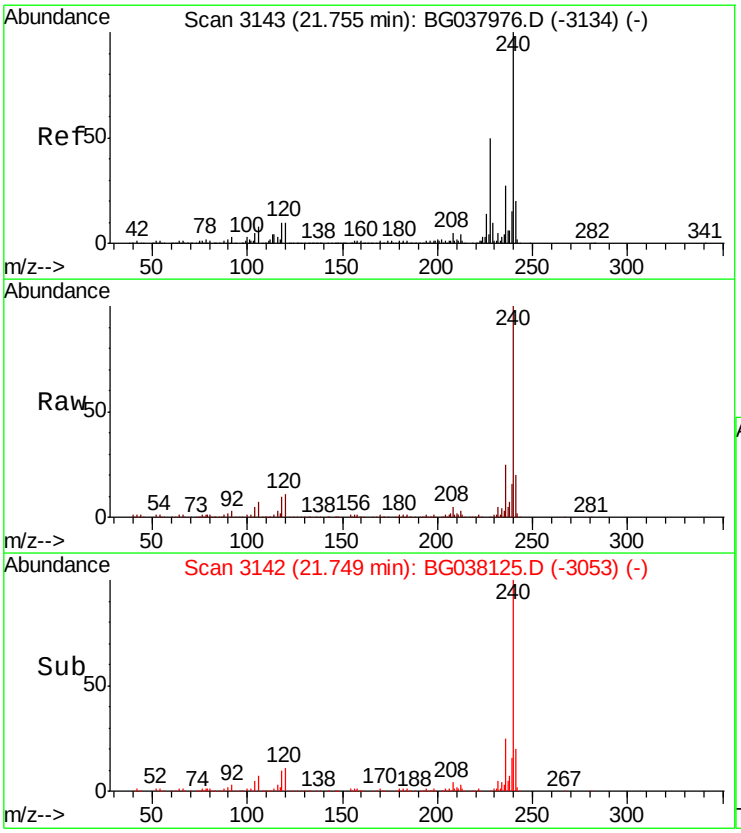
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Instrument :
BNA_G
ClientSampleId :
NB-08-112018

Tgt Ion:188 Resp: 281290

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.2	7.7	11.5

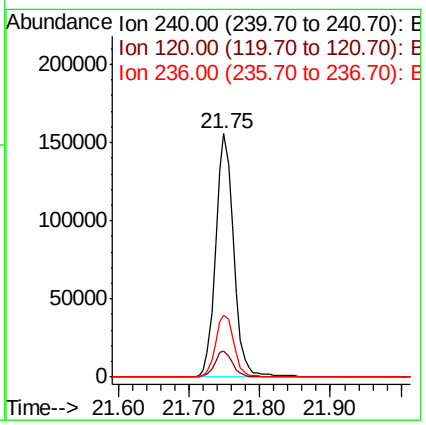


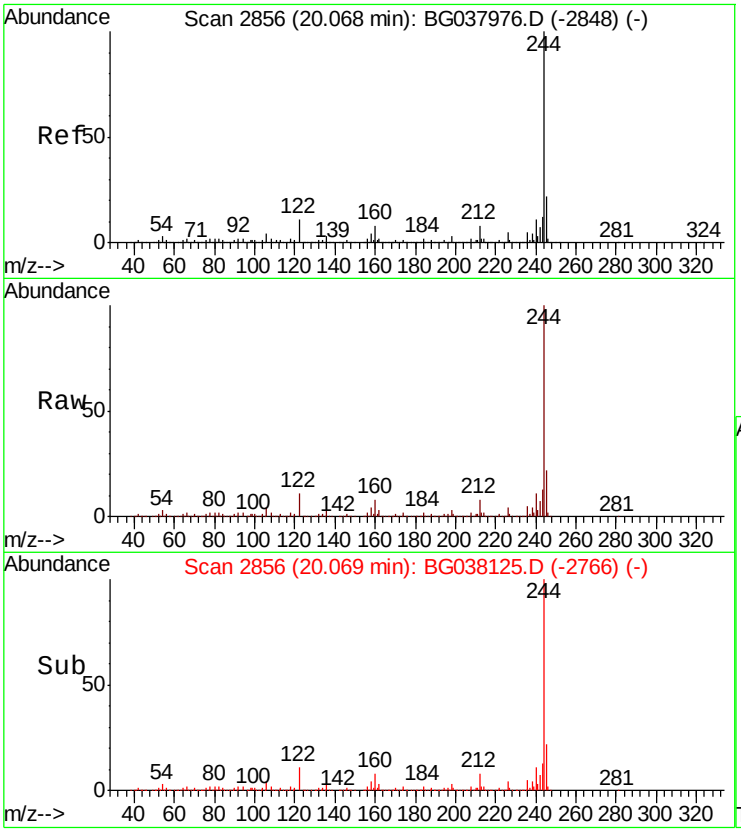


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Tgt Ion:240 Resp: 275914

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	25.3	21.4	32.0



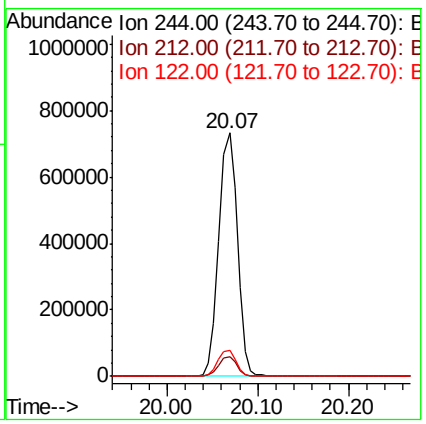


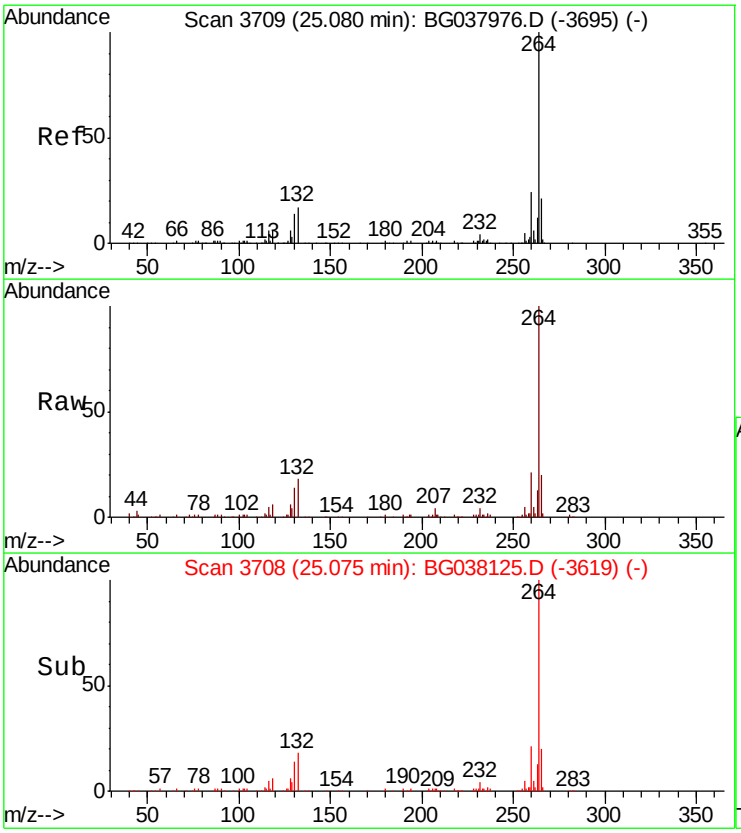
#79
Terphenyl-d14
Concen: 89.231 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Instrument :
BNA_G
ClientSampleId :
NB-08-112018

Tgt Ion:244 Resp: 1046324

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038125.D
Acq: 21 Nov 2018 20:15

Tgt Ion:264 Resp: 260853

Ion	Ratio	Lower	Upper
264	100		
260	21.0	18.2	27.4
265	20.4	17.9	26.9