Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037963.D
Acq On : 13 Nov 2018 3:19
Operator : JU/SJ
Sample : J5860-19DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-109(17-18)DL

Quant Time: Nov 13 06:34:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51045	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	220206	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	151033	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	327556	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	291160	20.00	ng	-0.02
87) Perylene-d12	25.09	264	233151	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	105953	34.70	ng	-0.01
7) Phenol-d6	7.24	99	168809	36.56	ng	-0.01
23) Nitrobenzene-d5	9.27	82	92585	23.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	38863	23.59	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	227016	22.67	ng	-0.02
79) Terphenyl-d14	20.07	244	331016	24.29	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.26	94	12208	2.506	ng	97
37) 2-Methylnaphthalene	12.56	142	253653	32.172	ng	98
38) 1-Methylnaphthalene	12.78	142	154609	20.192	ng	99
50) Dimethylphthalate	14.17	163	43677	3.738	ng	96

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

Quantitation Report (QT Reviewed)

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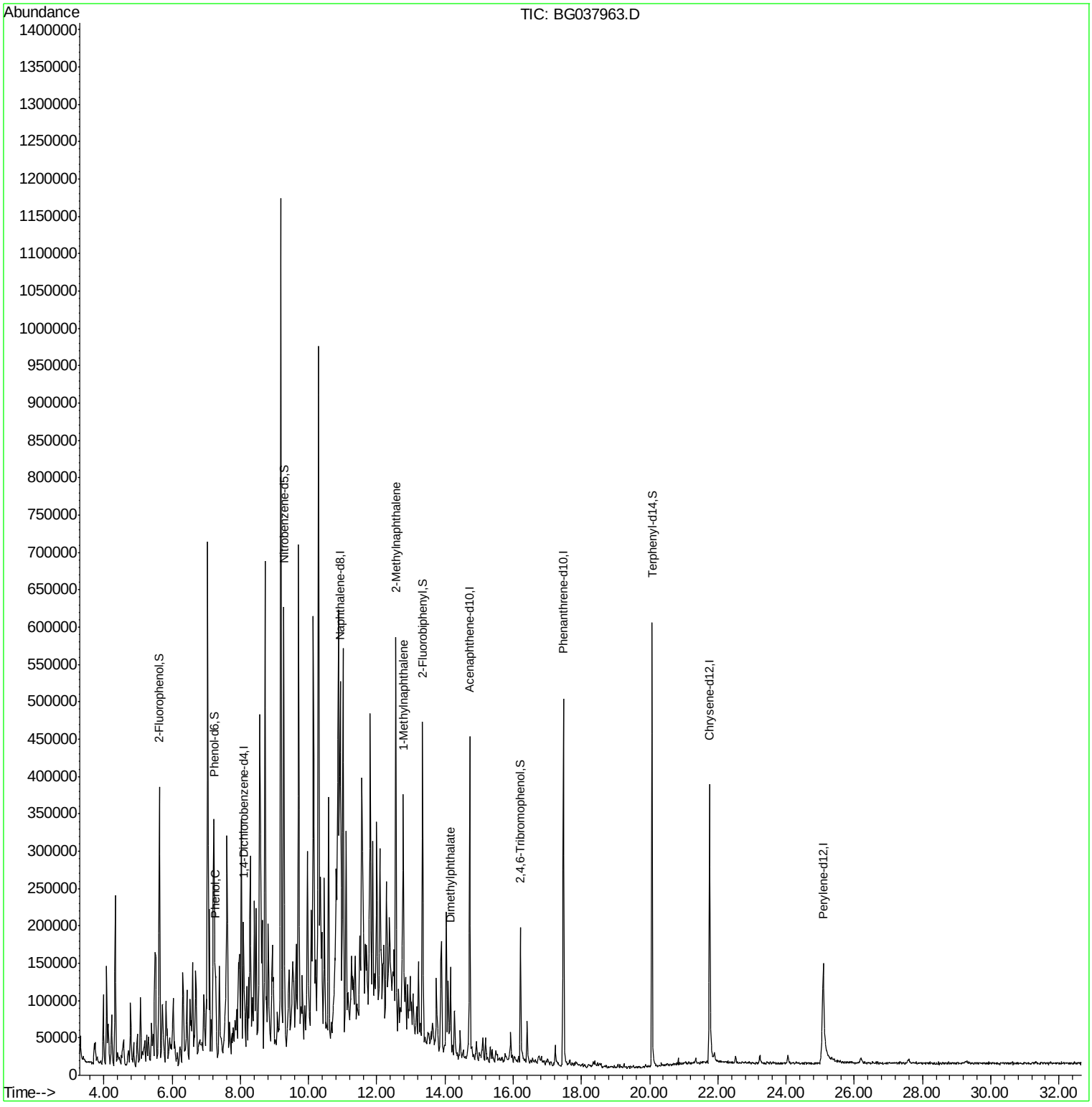
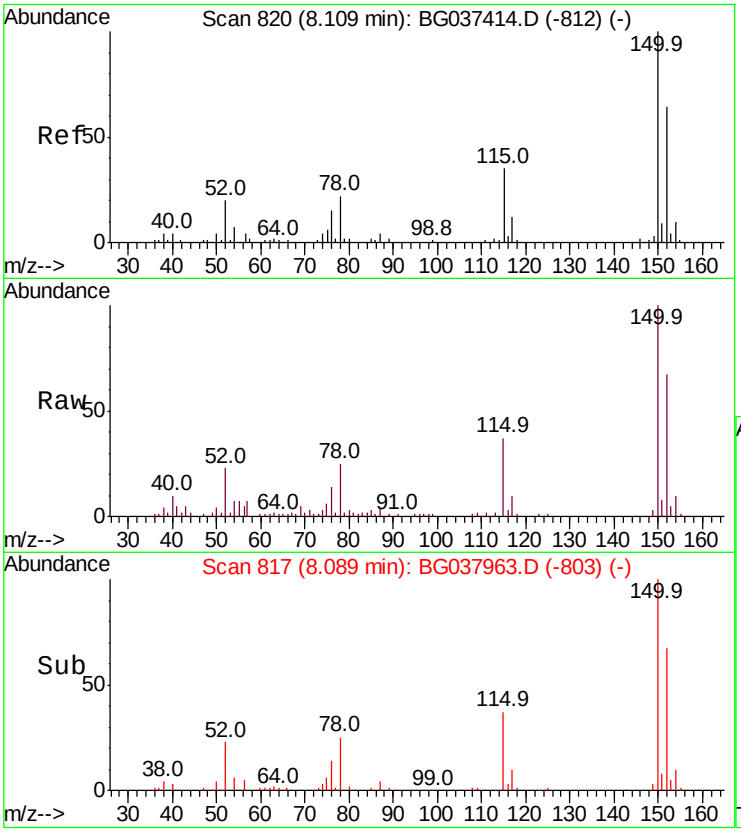


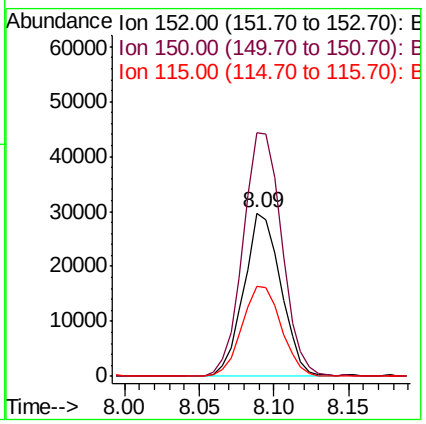


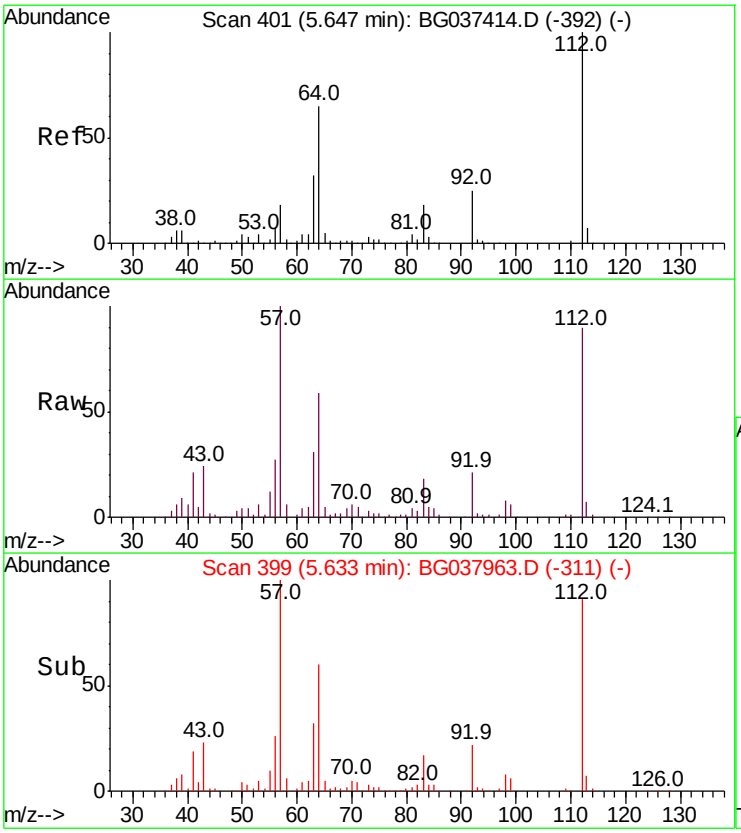
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
EP2-SB-109(17-18)DL

Tgt Ion:152 Resp: 51045

Ion	Ratio	Lower	Upper
152	100		
150	149.4	126.0	189.0
115	55.2	45.5	68.3

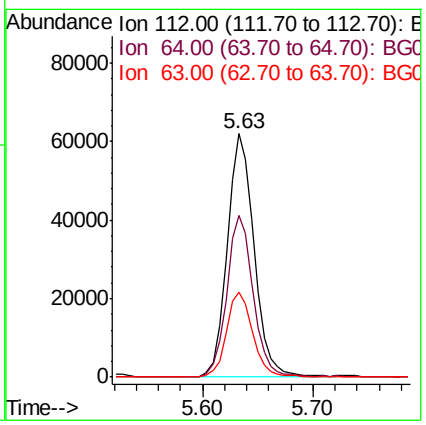


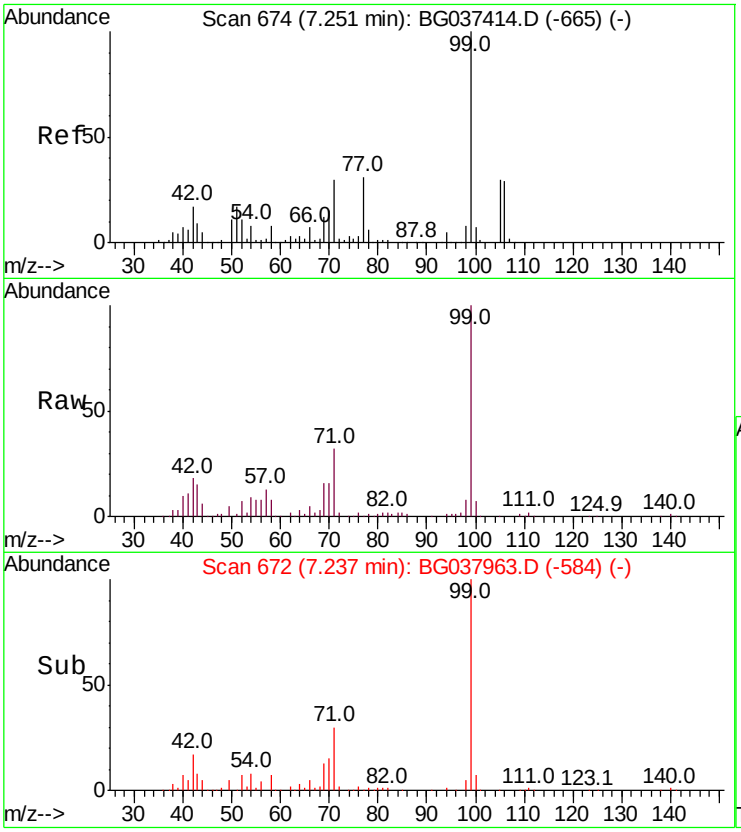


#5
2-Fluorophenol
Concen: 34.702 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Tgt Ion:112 Resp: 105953

Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.1	79.7
63	34.7	27.3	40.9



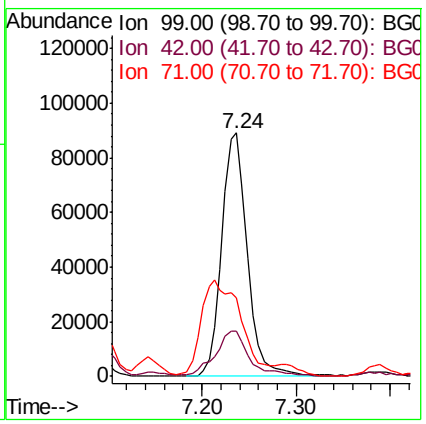


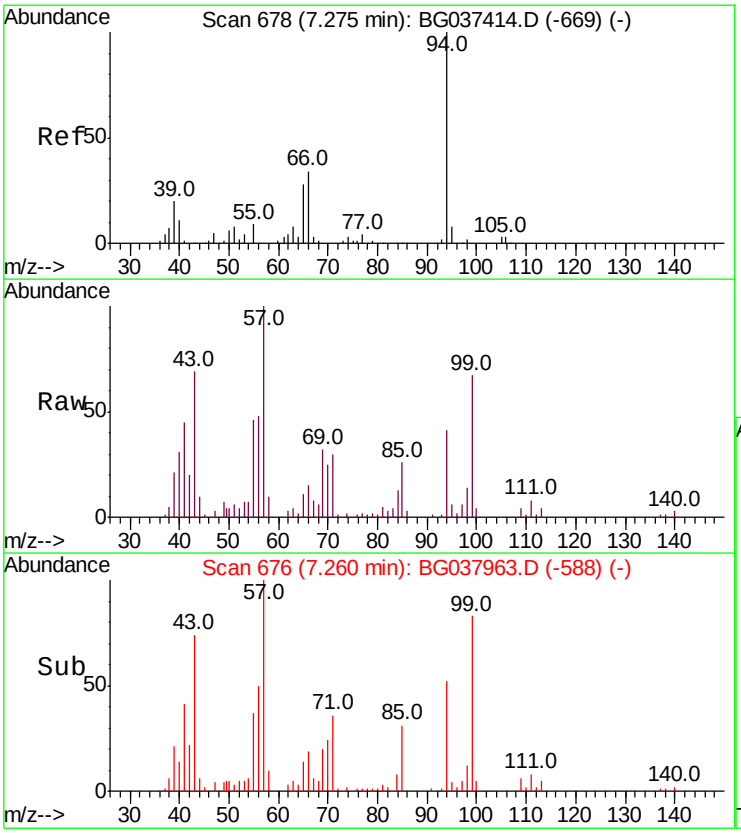
#7
Phenol-d6
Concen: 36.564 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
EP2-SB-109(17-18)DL

Tgt Ion: 99 Resp: 168809

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	32.0	25.5	38.3

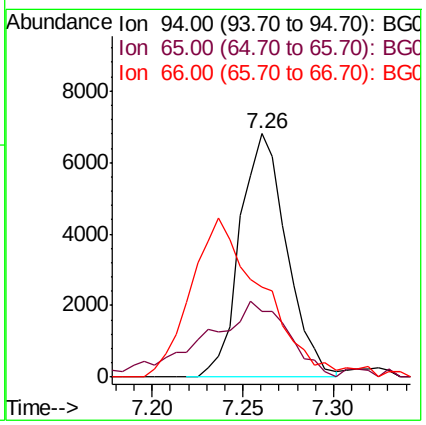


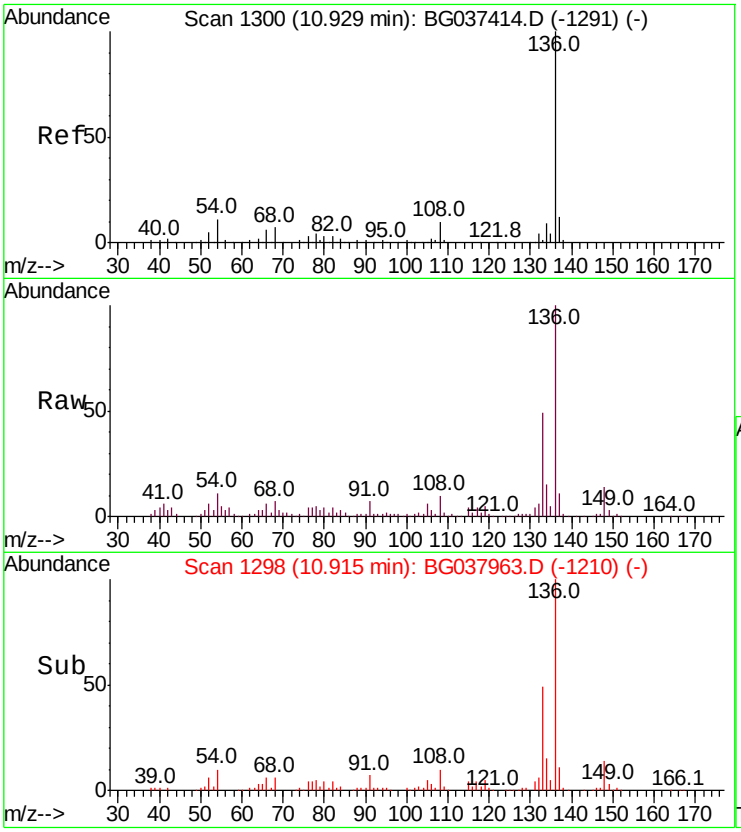


#10
Phenol
Concen: 2.506 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Tgt Ion: 94 Resp: 12208

Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.7	49.7
66	37.0	15.9	55.9



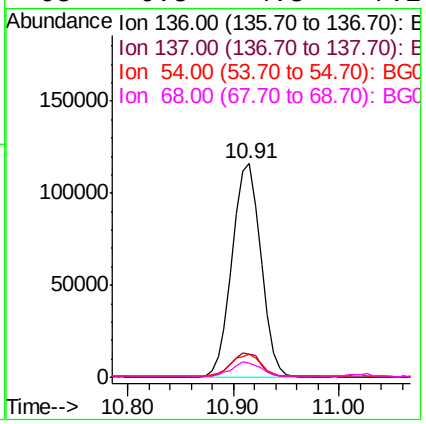


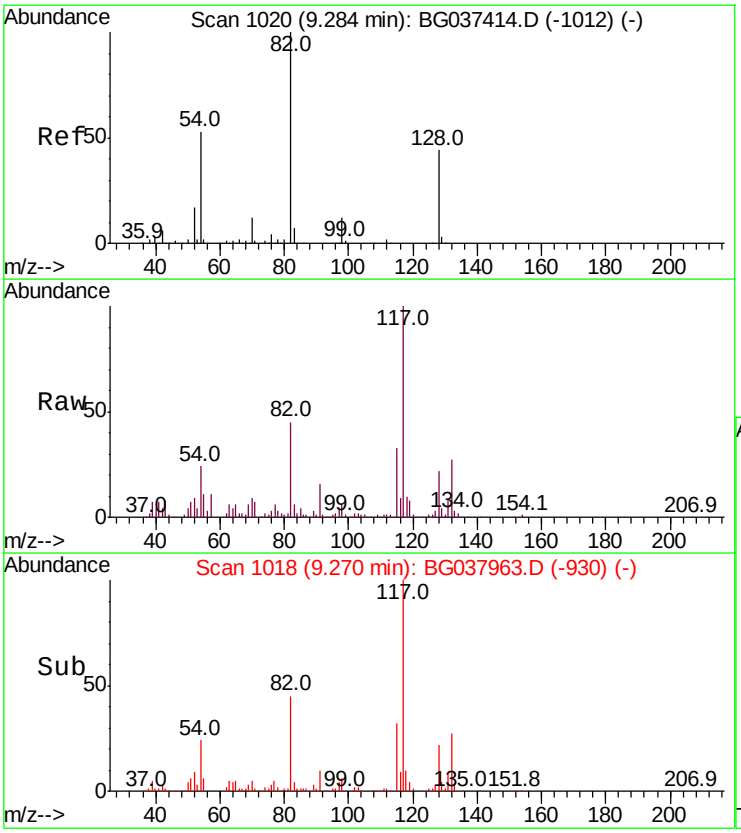
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
EP2-SB-109(17-18)DL

Tgt Ion:136 Resp: 220206

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	11.0	7.9	11.9
68	6.8	4.8	7.2

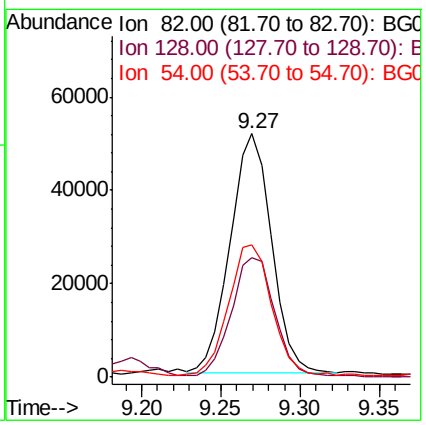


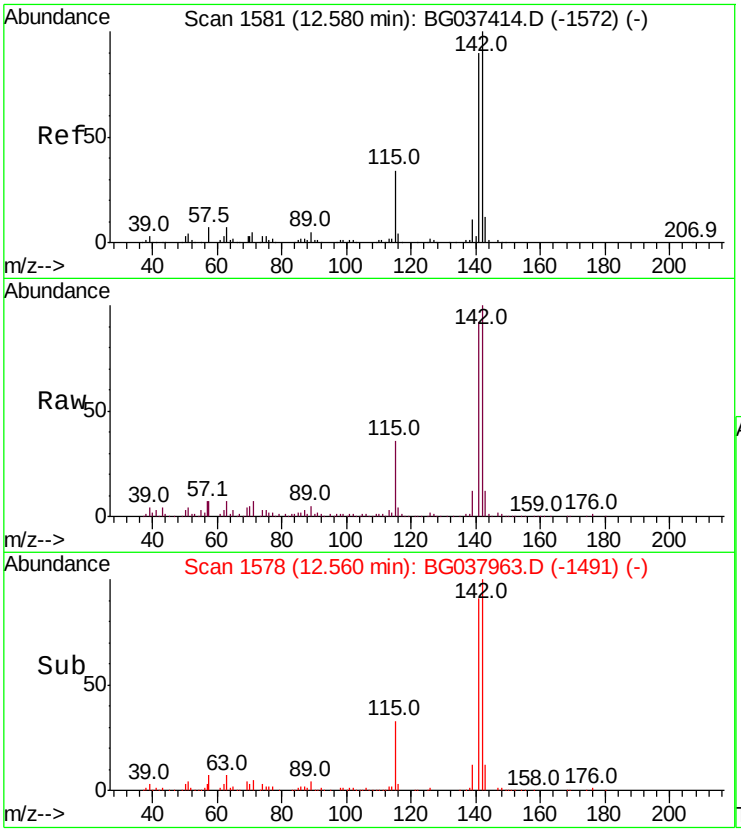


#23
Nitrobenzene-d5
Concen: 23.553 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Tgt Ion: 82 Resp: 92585

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.6	51.8
54	54.1	45.3	67.9



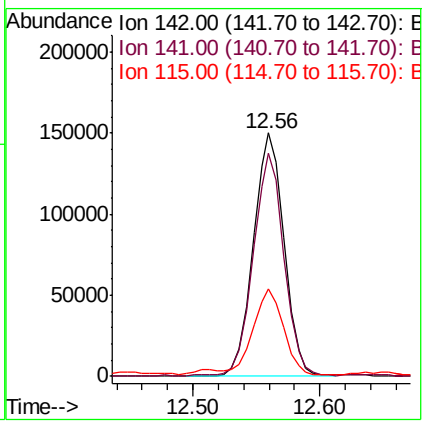


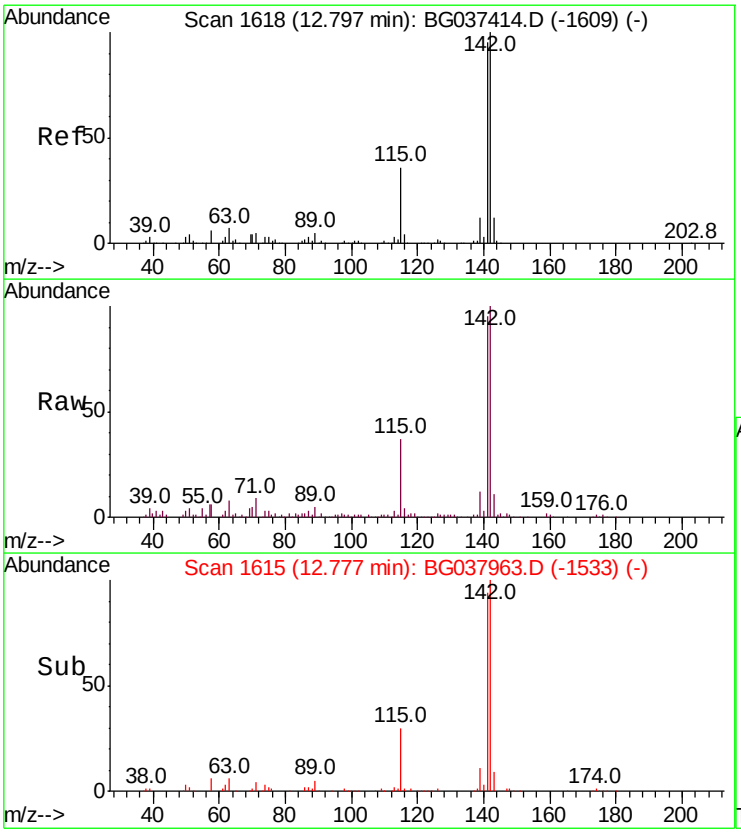
#37
2-Methylnaphthalene
Concen: 32.172 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
EP2-SB-109(17-18)DL

Tgt Ion:142 Resp: 253653

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
115	35.7	27.8	41.8

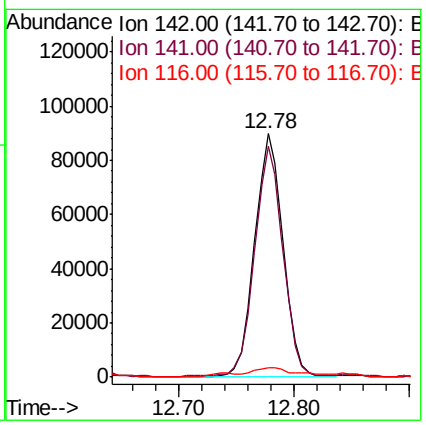


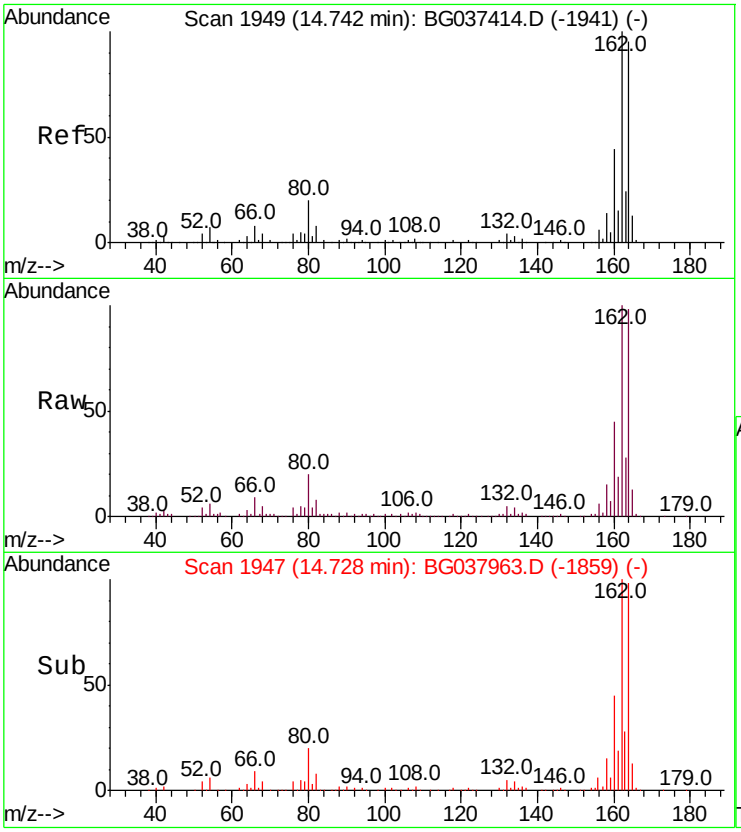


#38
1-Methylnaphthalene
Concen: 20.192 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Tgt Ion:142 Resp: 154609

Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.2	112.8
116	3.8	3.3	4.9



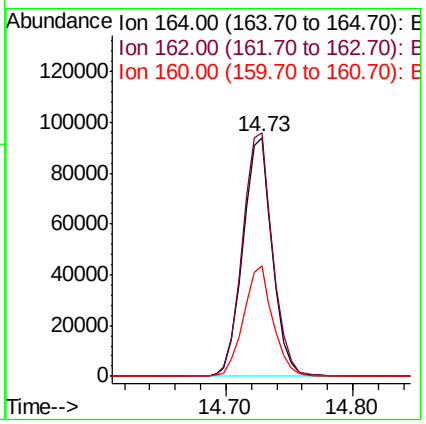


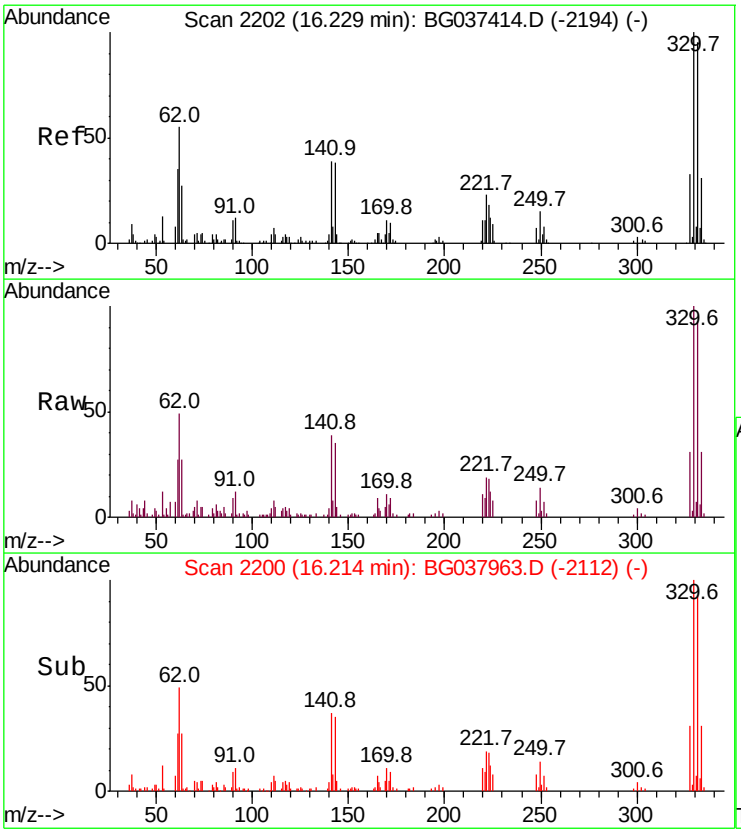
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
EP2-SB-109(17-18)DL

Tgt Ion:164 Resp: 151033

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	46.2	36.3	54.5

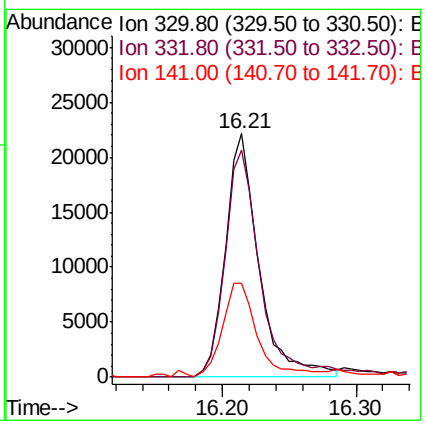


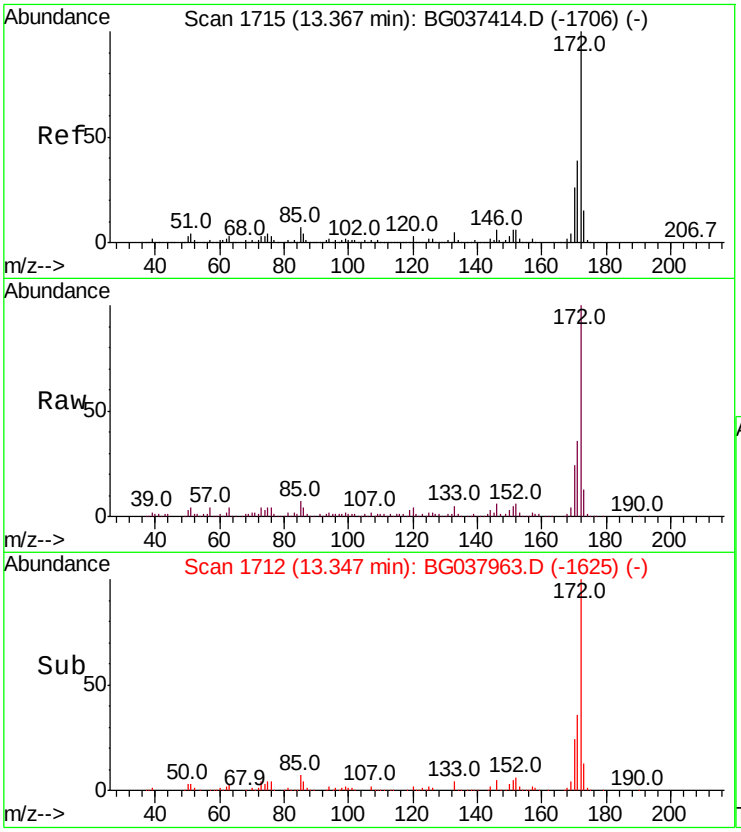


#42
2,4,6-Tribromophenol
Concen: 23.592 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Tgt Ion:330 Resp: 38863

Ion	Ratio	Lower	Upper
330	100		
332	100.0	78.4	117.6
141	40.5	32.2	48.2



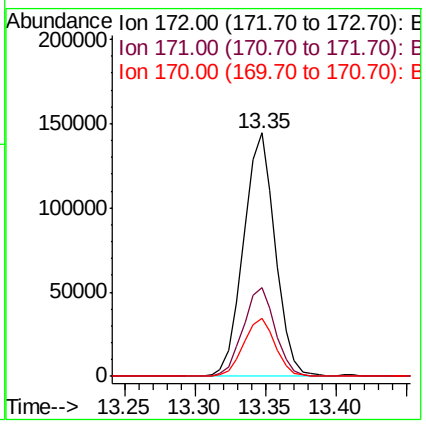


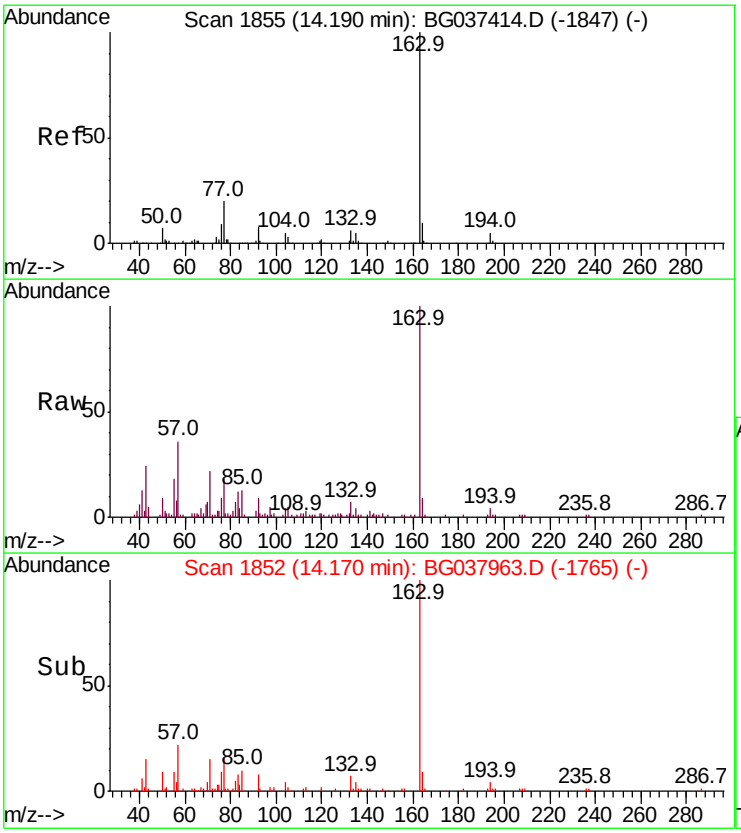
#45
2-Fluorobiphenyl
Concen: 22.666 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
EP2-SB-109(17-18)DL

Tgt Ion:172 Resp: 227016

Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.0	46.4
170	23.6	20.2	30.2

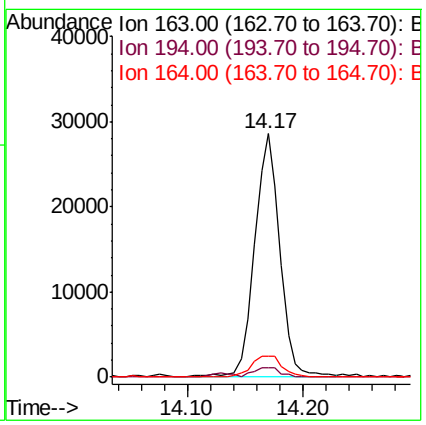


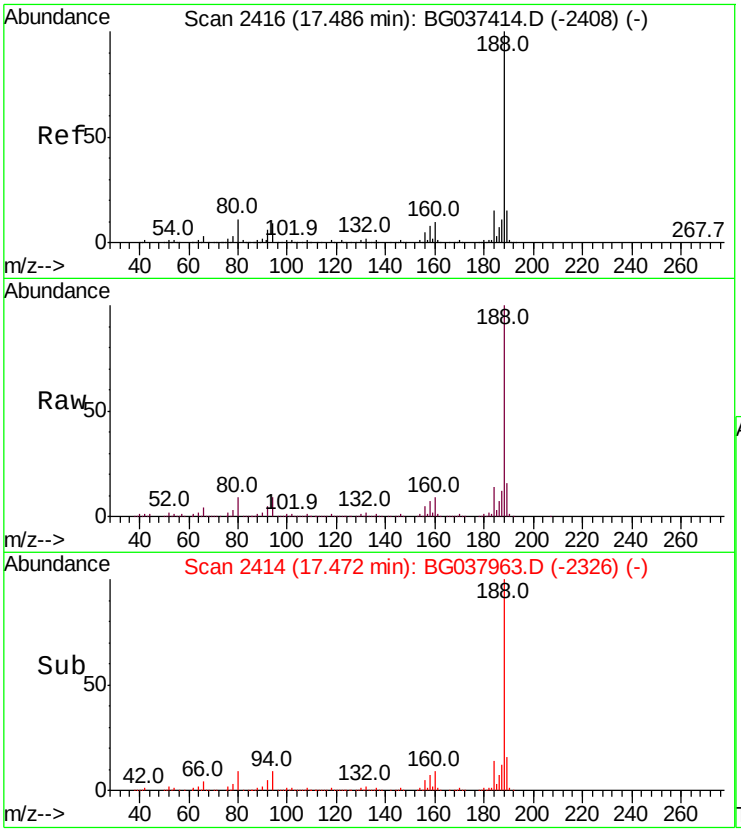


#50
Dimethylphthalate
Concen: 3.738 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Tgt Ion:163 Resp: 43677

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	8.8	8.5	12.7



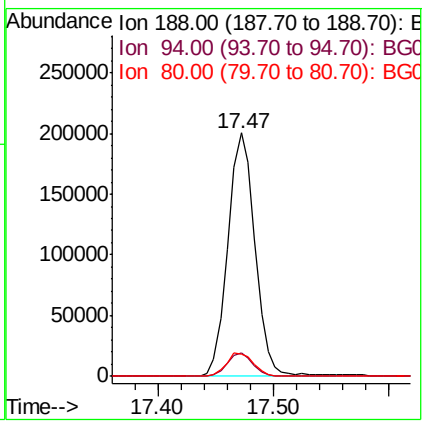


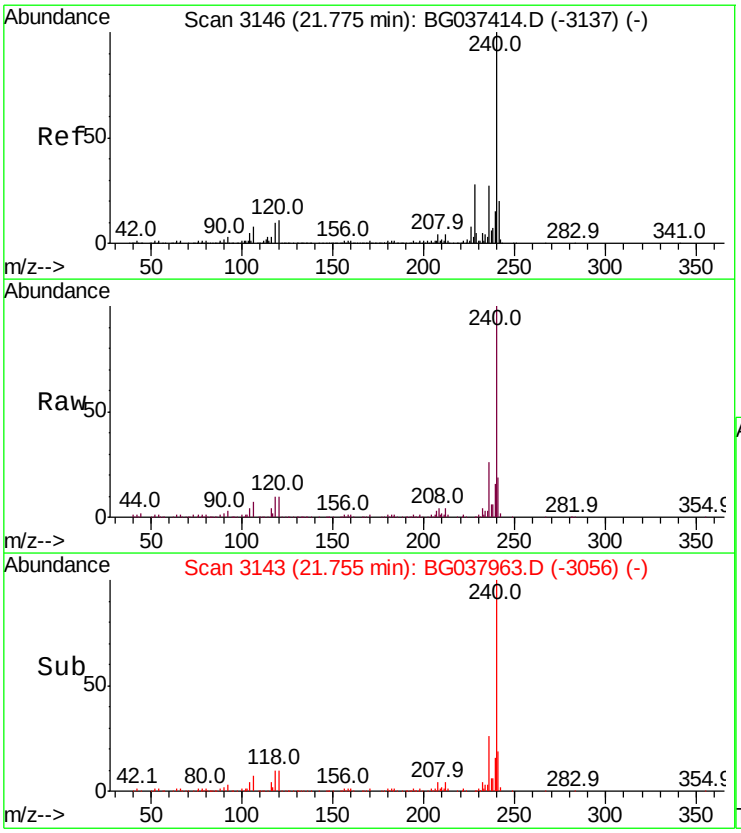
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
EP2-SB-109(17-18)DL

Tgt Ion:188 Resp: 327556

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.3	7.7	11.5

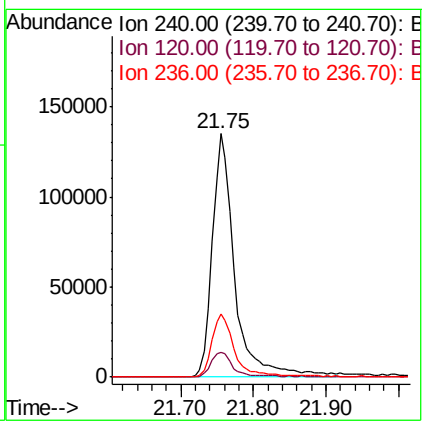


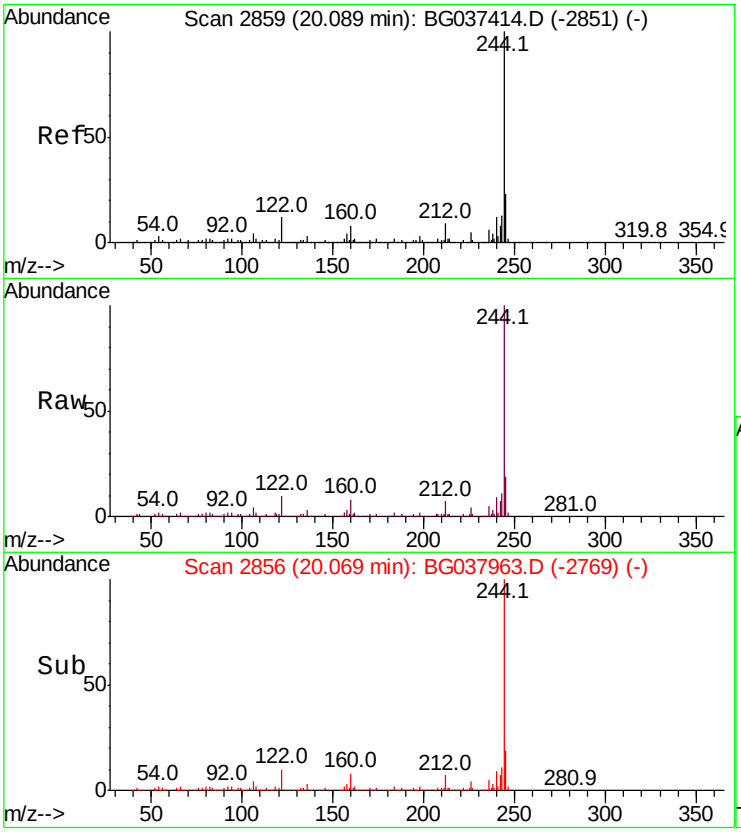


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Tgt Ion:240 Resp: 291160

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	25.8	21.4	32.0



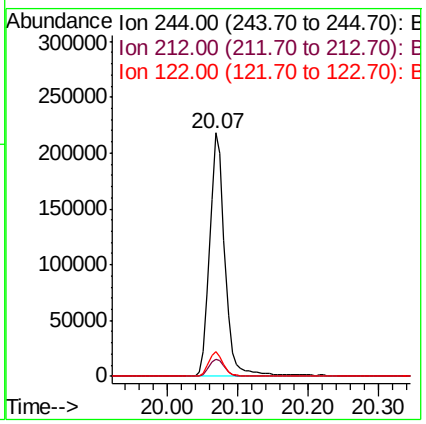


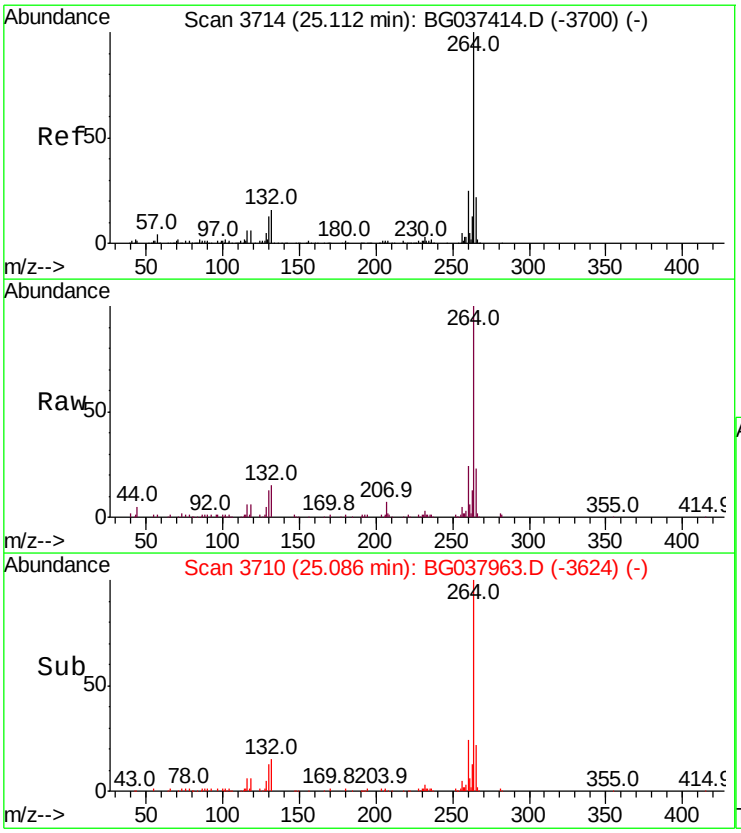
#79
Terphenyl-d14
Concen: 24.293 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Instrument :
BNA_G
ClientSampleId :
EP2-SB-109(17-18)DL

Tgt Ion:244 Resp: 331016

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	10.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037963.D
Acq: 13 Nov 2018 3:19

Tgt Ion:264 Resp: 233151

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.8	17.9	26.9