Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037940.D
Acq On : 12 Nov 2018 12:02
Operator : JU/SJ
Sample : J5860-22DL 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(17-19)DL

Quant Time: Nov 12 13:08:03 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	51880	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	225095	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	151420	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	329610	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	292719	20.00	ng	-0.02
87) Perylene-d12	25.08	264	224410	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	22145	7.14	ng	-0.01
7) Phenol-d6	7.24	99	35015	7.46	ng	-0.01
23) Nitrobenzene-d5	9.26	82	19038	4.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	5897	3.57	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	48972	4.88	ng	-0.03
79) Terphenyl-d14	20.07	244	72151	5.27	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.96	128	494967	44.769	ng	99
37) 2-Methylnaphthalene	12.56	142	388296	48.179	ng	98
38) 1-Methylnaphthalene	12.78	142	164541	21.023	ng	97

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

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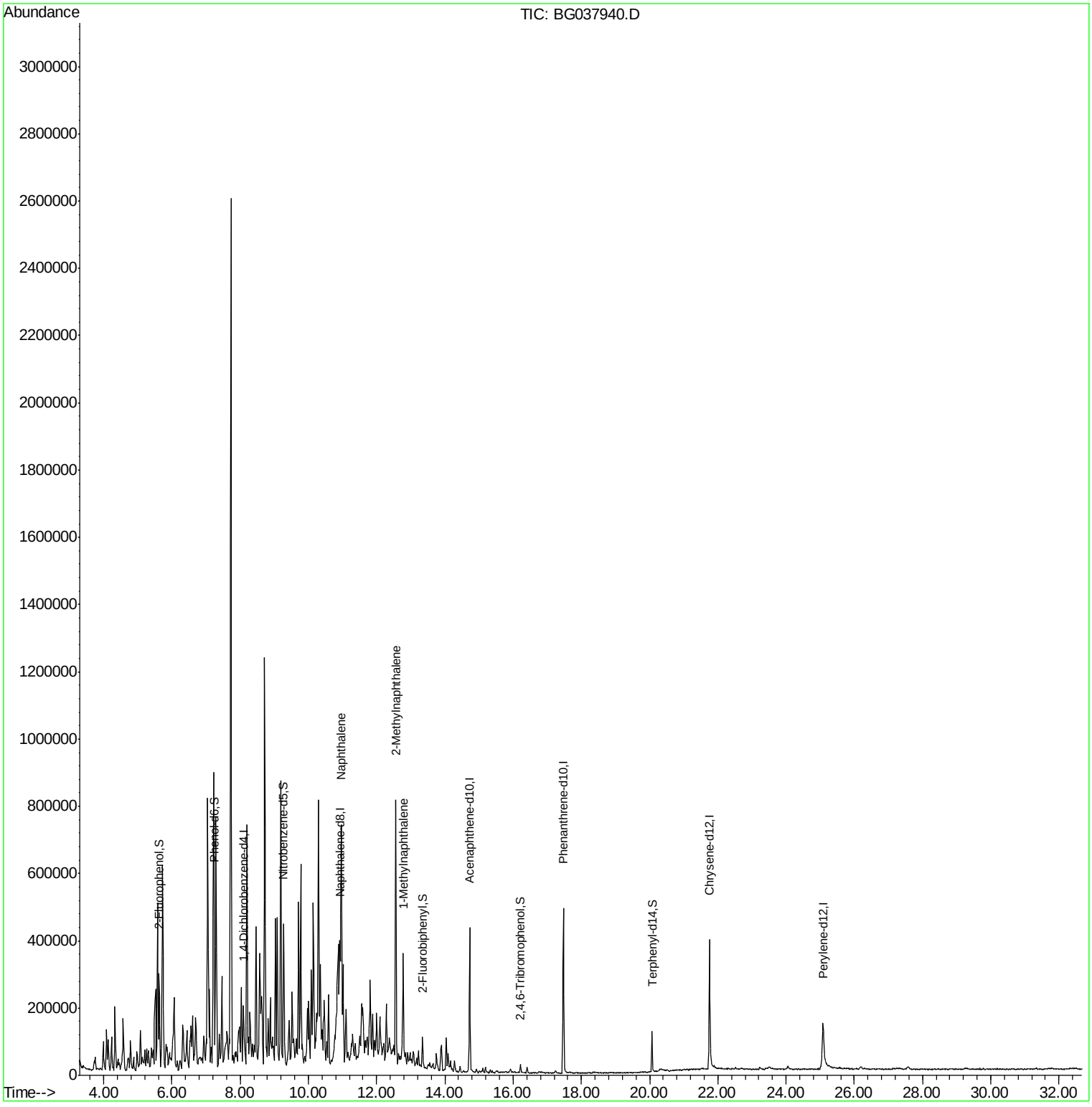
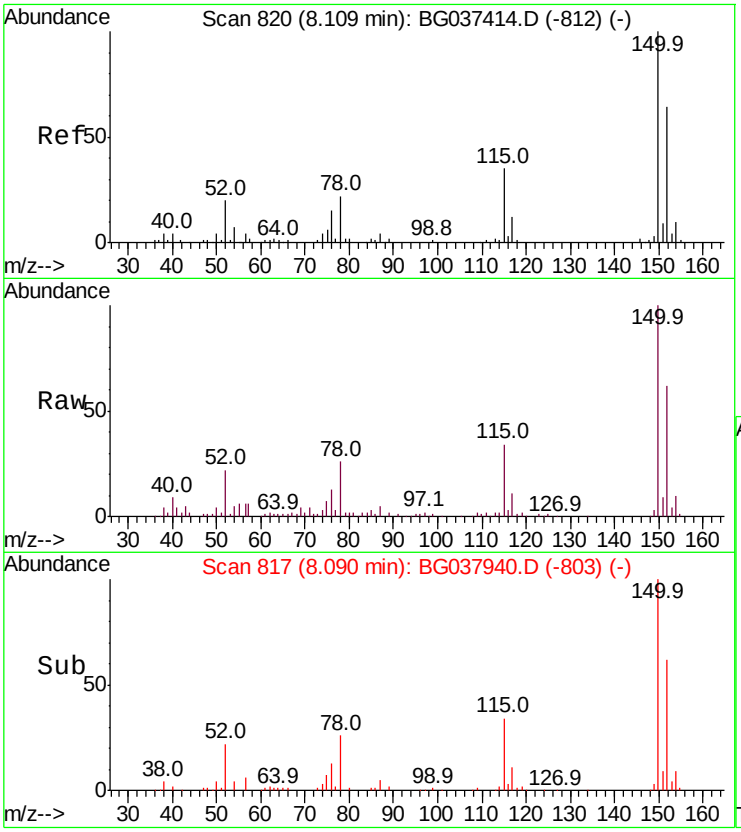


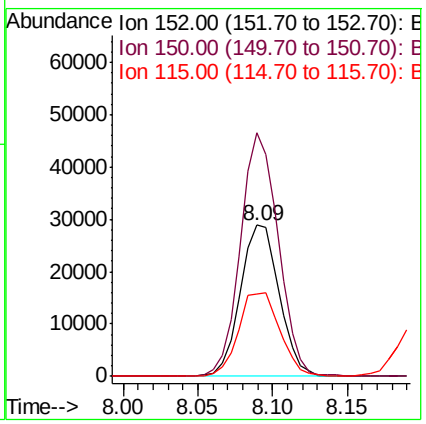


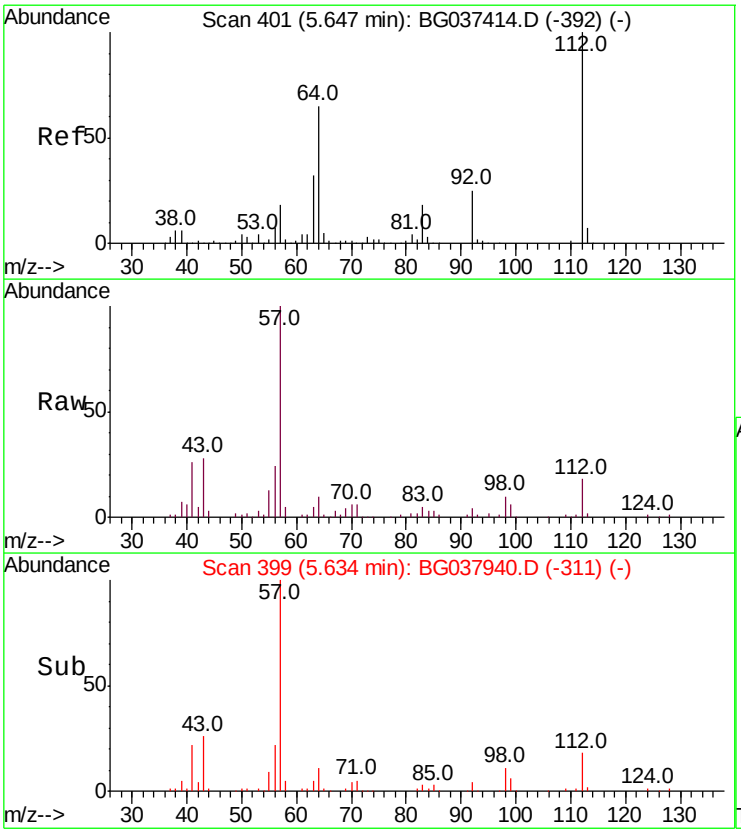
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)DL

Tgt Ion:152 Resp: 51880

Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.0	189.0
115	54.5	45.5	68.3

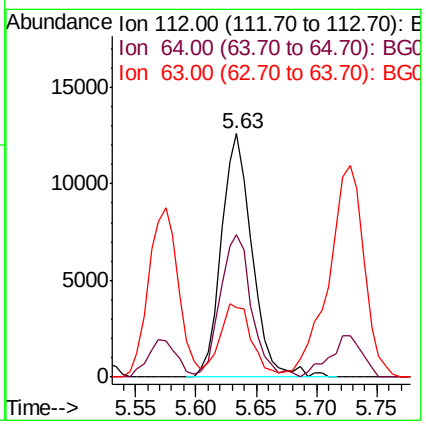


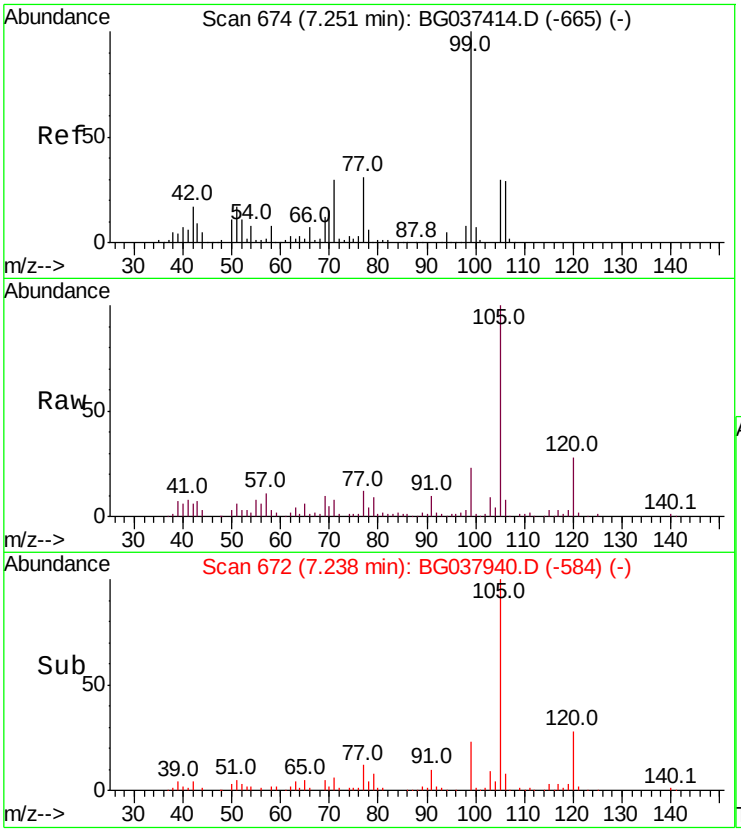


#5
2-Fluorophenol
Concen: 7.136 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Tgt Ion:112 Resp: 22145

Ion	Ratio	Lower	Upper
112	100		
64	58.3	53.1	79.7
63	28.4	27.3	40.9



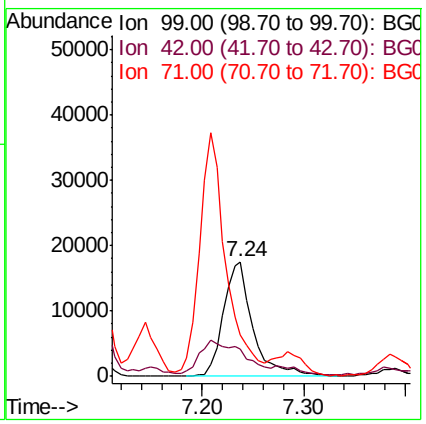


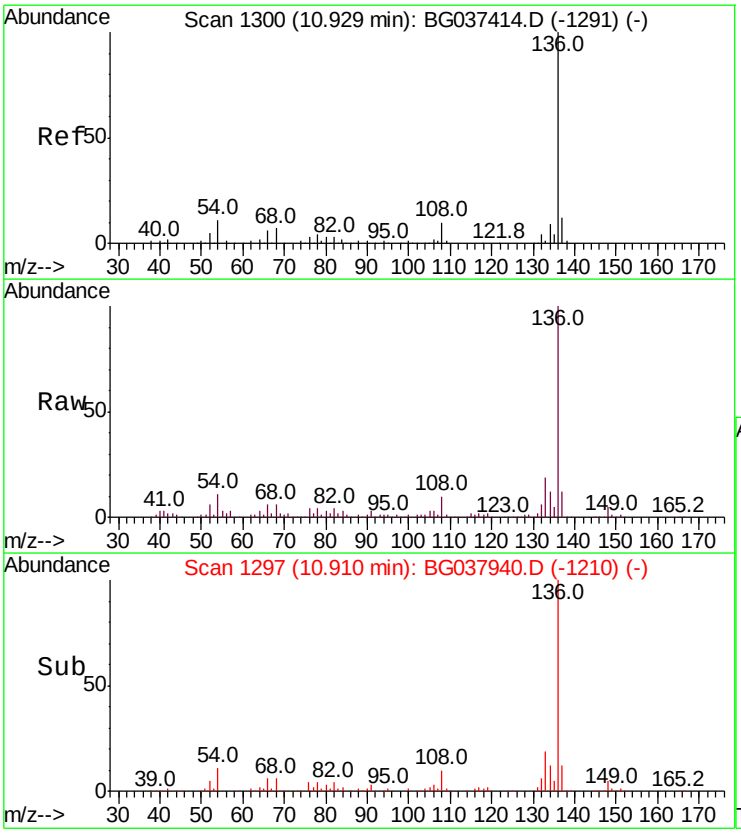
#7
Phenol-d6
Concen: 7.462 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)DL

Tgt Ion: 99 Resp: 35015

Ion	Ratio	Lower	Upper
99	100		
42	23.9	15.0	22.4#
71	35.8	25.5	38.3

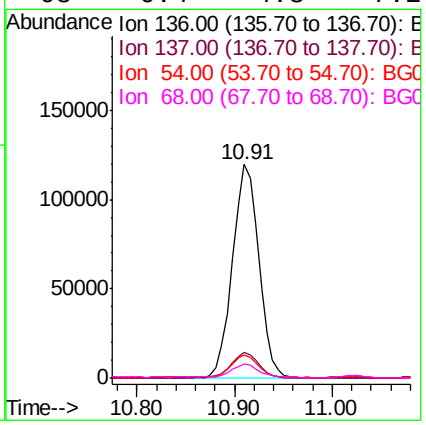


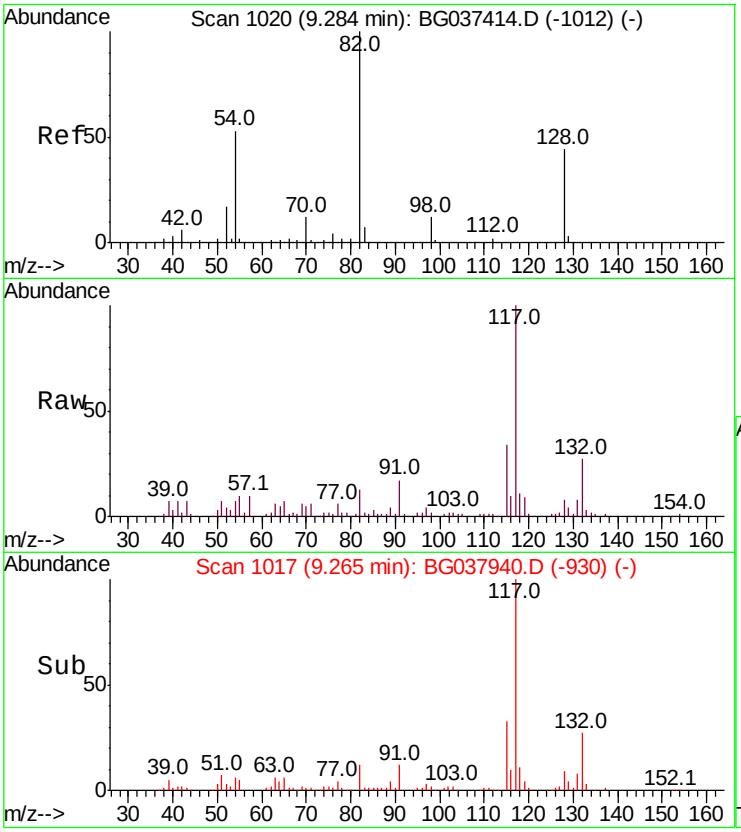


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Tgt Ion:136 Resp: 225095

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	11.0	7.9	11.9
68	6.4	4.8	7.2



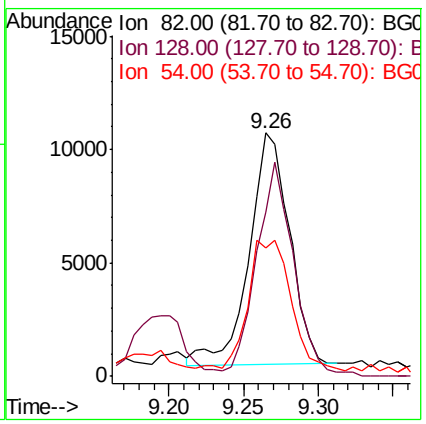


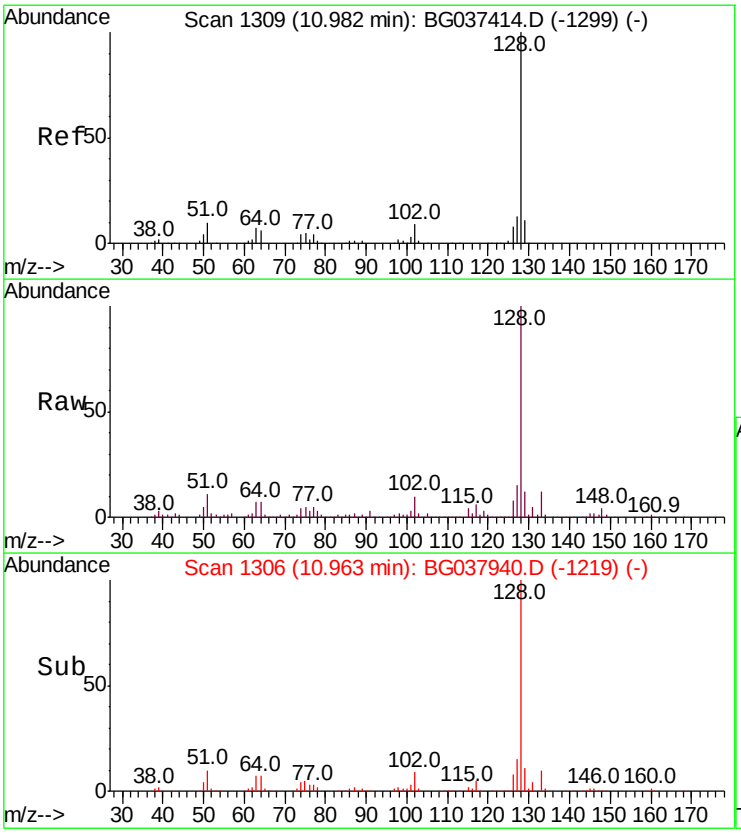
#23
Nitrobenzene-d5
Concen: 4.738 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)DL

Tgt Ion: 82 Resp: 19038

Ion	Ratio	Lower	Upper
82	100		
128	67.5	34.6	51.8#
54	52.6	45.3	67.9

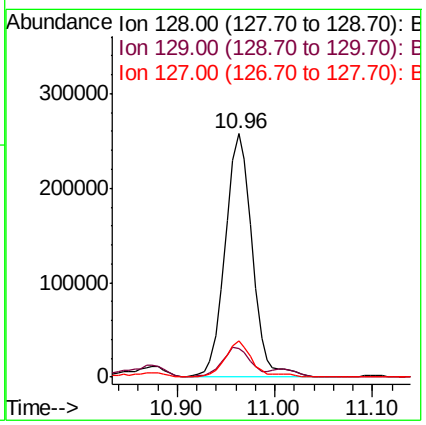


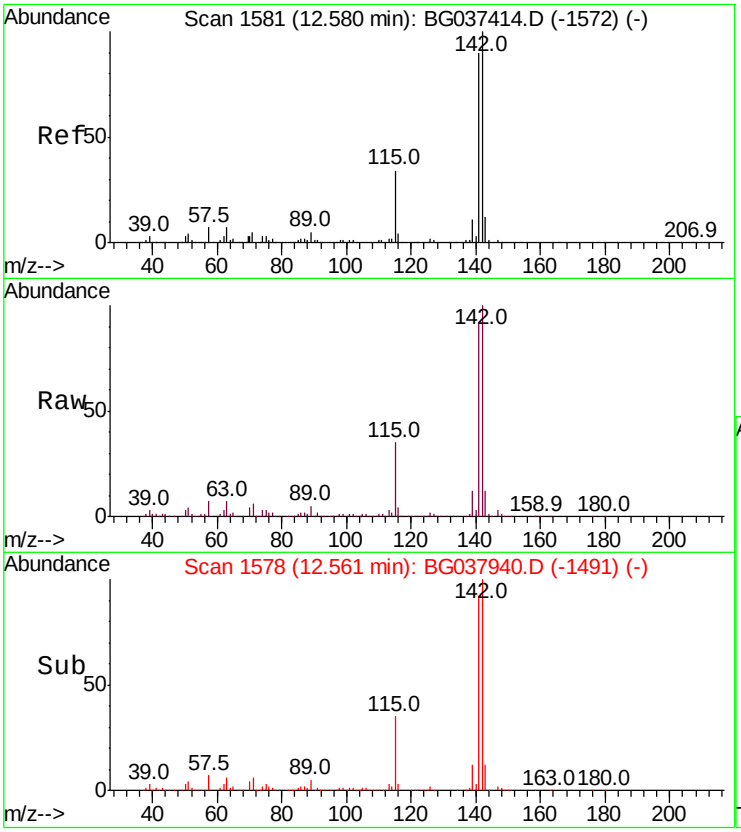


#31
Naphthalene
Concen: 44.769 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Tgt Ion:128 Resp: 494967

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.7	11.1	16.7



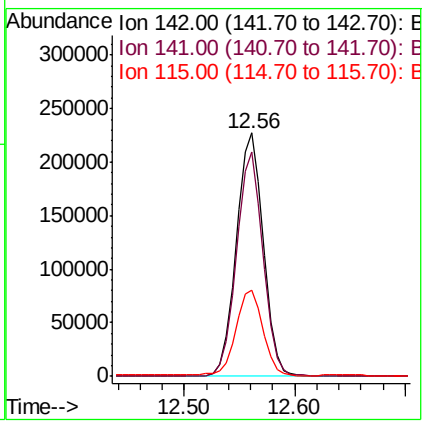


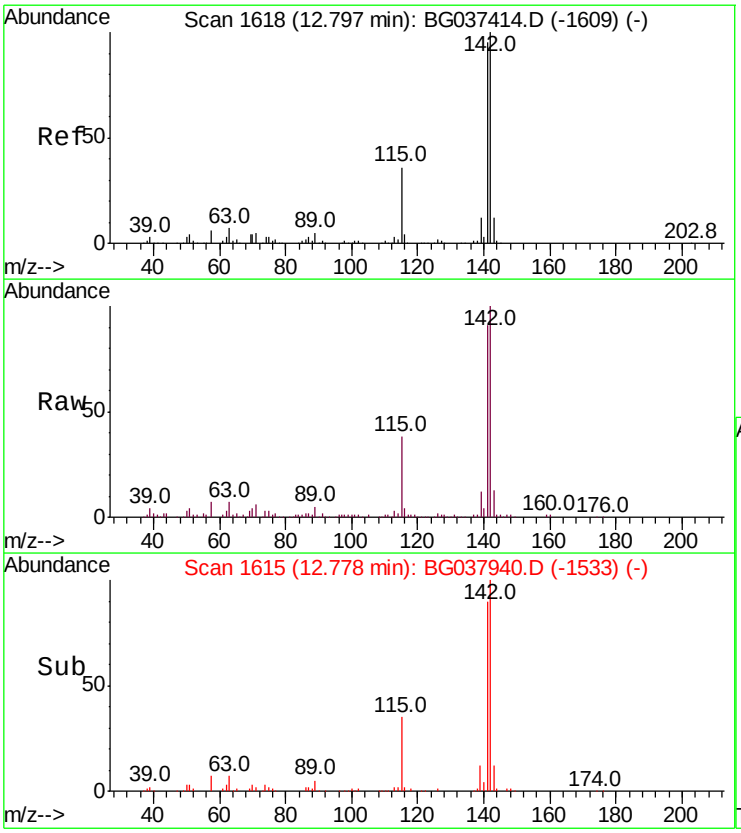
#37
2-Methylnaphthalene
Concen: 48.179 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)DL

Tgt Ion:142 Resp: 388296

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.9	107.9
115	35.4	27.8	41.8

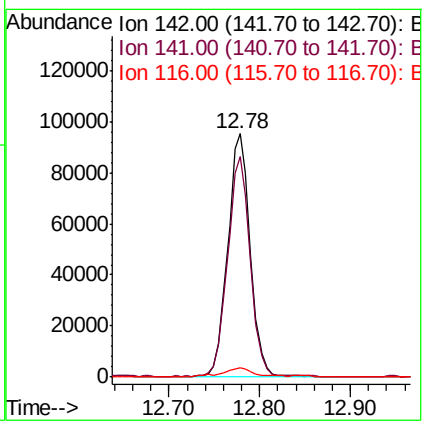


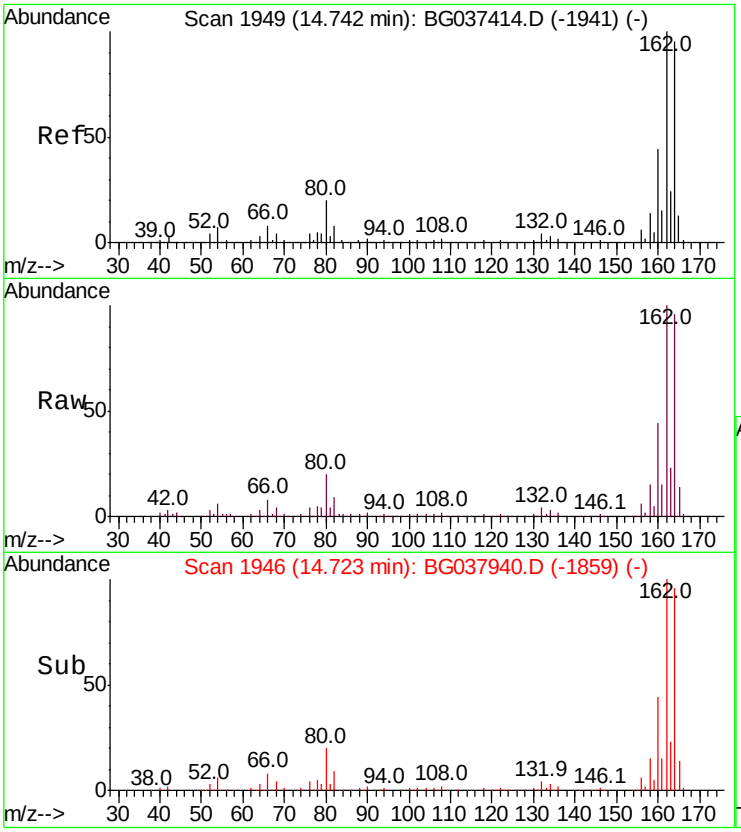


#38
1-Methylnaphthalene
Concen: 21.023 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Tgt Ion:142 Resp: 164541

Ion	Ratio	Lower	Upper
142	100		
141	90.7	75.2	112.8
116	3.7	3.3	4.9



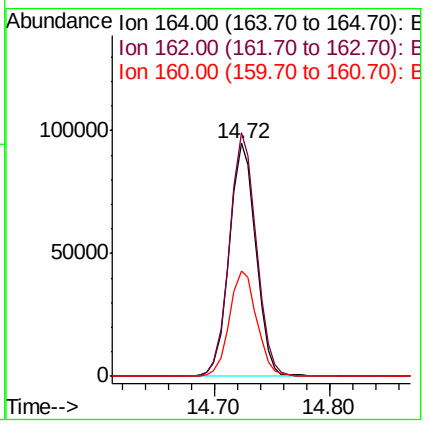


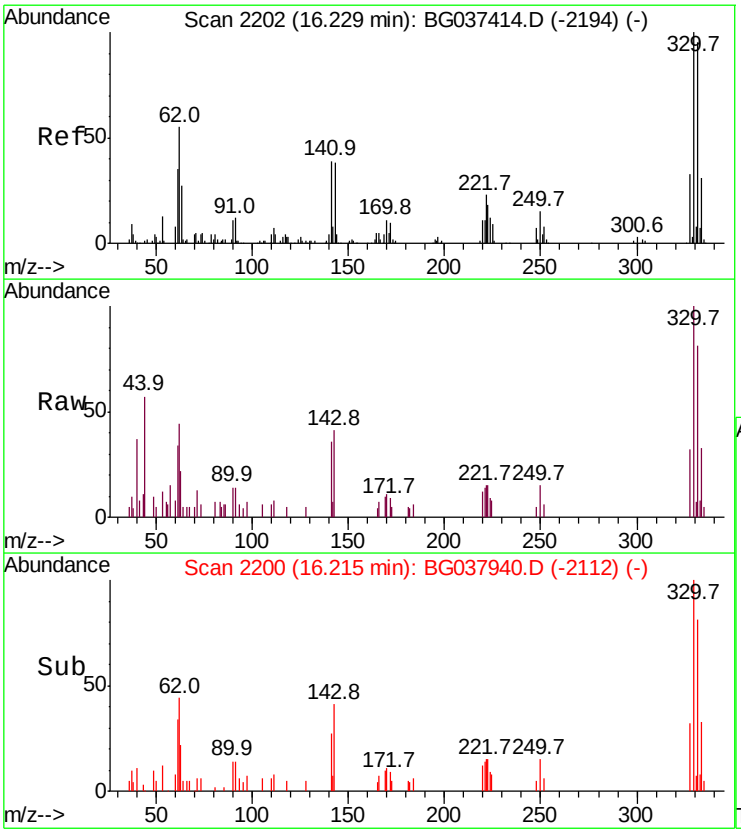
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)DL

Tgt Ion:164 Resp: 151420

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.3	121.9
160	45.5	36.3	54.5

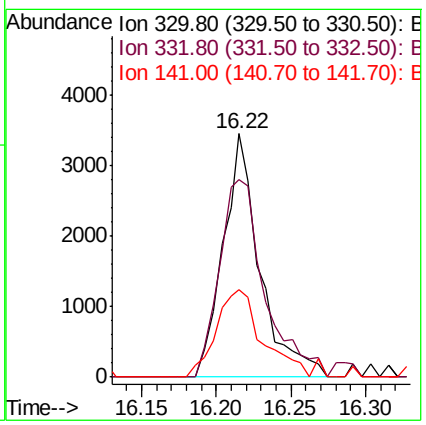


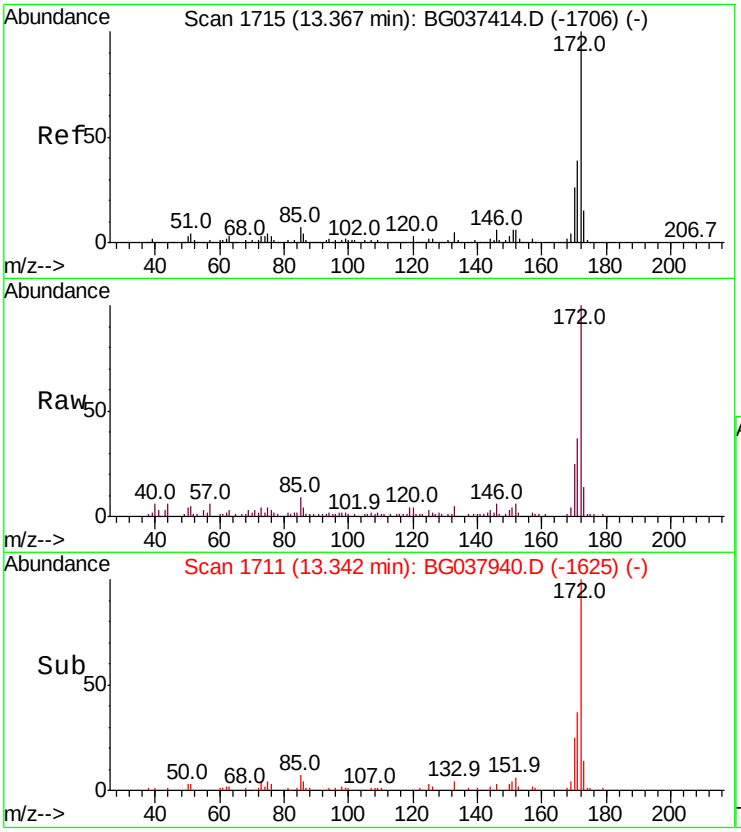


#42
2,4,6-Tribromophenol
Concen: 3.571 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Tgt Ion:330 Resp: 5897

Ion	Ratio	Lower	Upper
330	100		
332	100.2	78.4	117.6
141	45.1	32.2	48.2



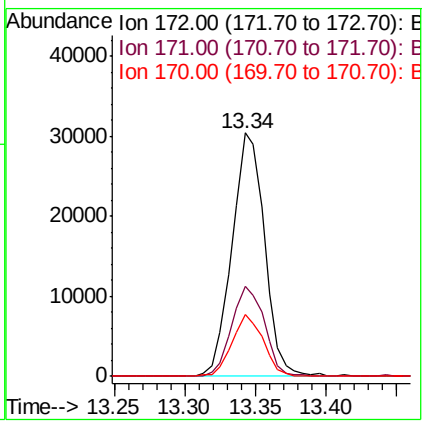


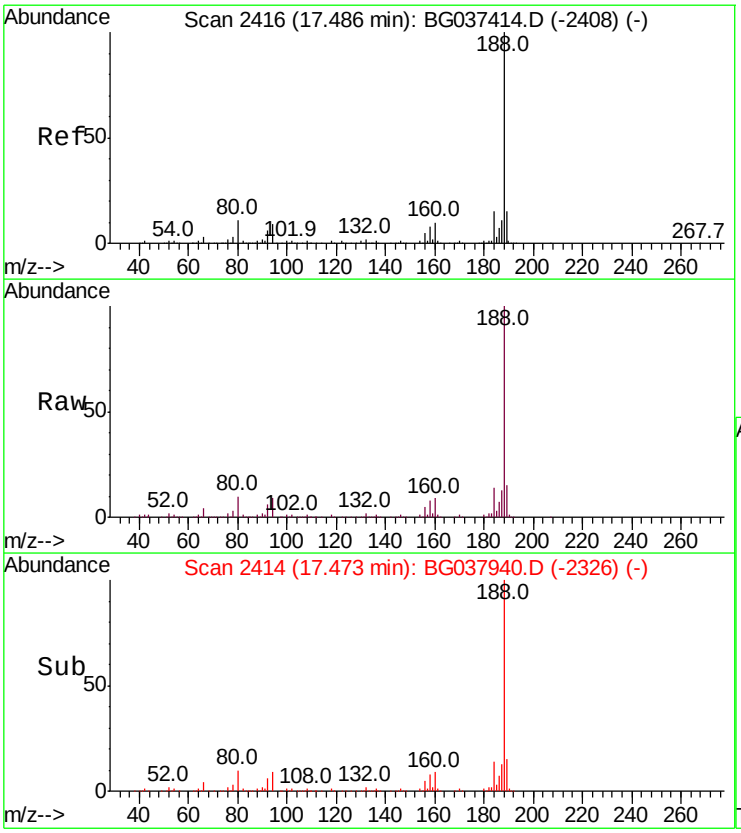
#45
2-Fluorobiphenyl
Concen: 4.877 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.03 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)DL

Tgt Ion:172 Resp: 48972

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	25.2	20.2	30.2

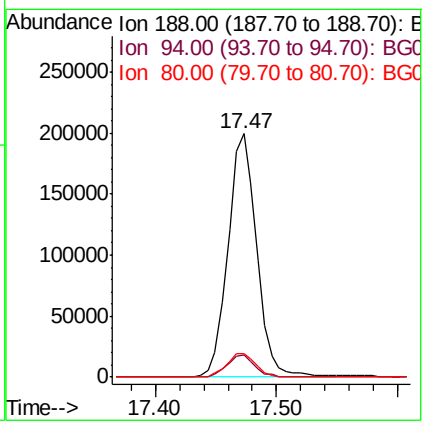


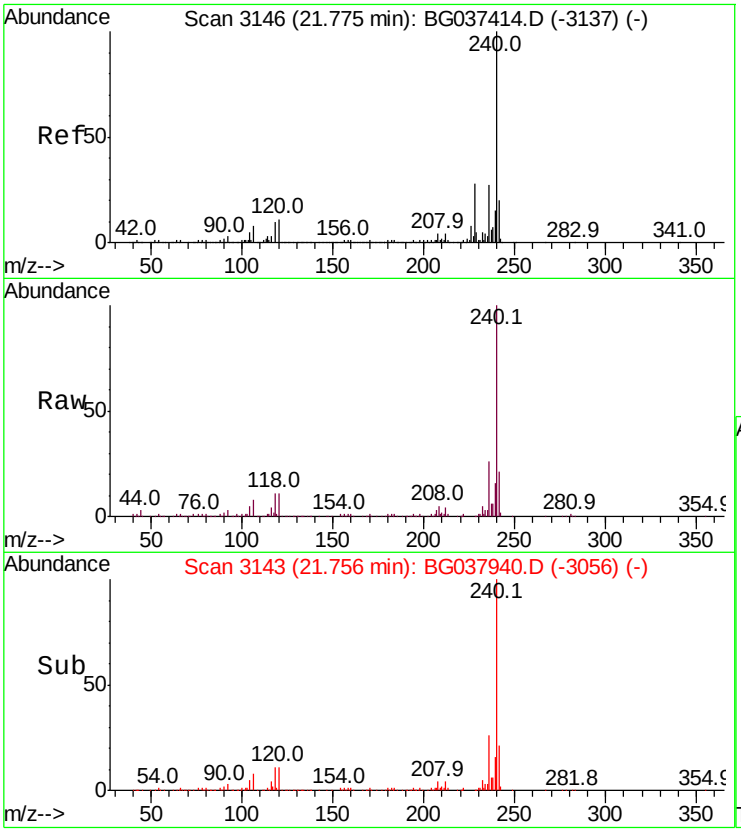


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Tgt Ion:188 Resp: 329610

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.9	7.7	11.5



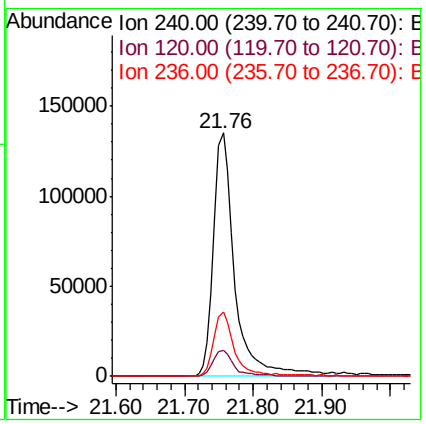


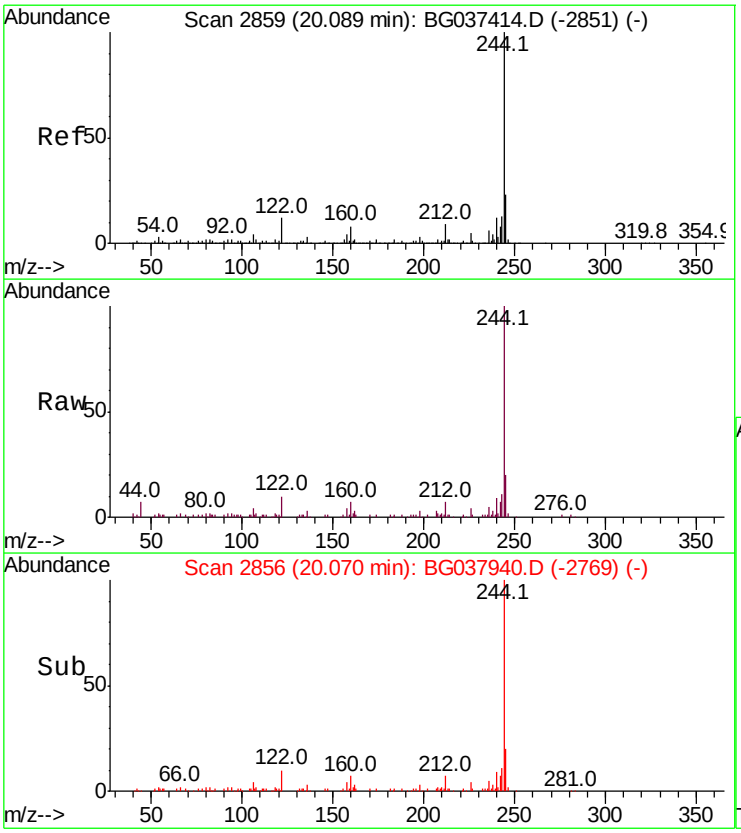
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)DL

Tgt Ion:240 Resp: 292719

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	26.3	21.4	32.0

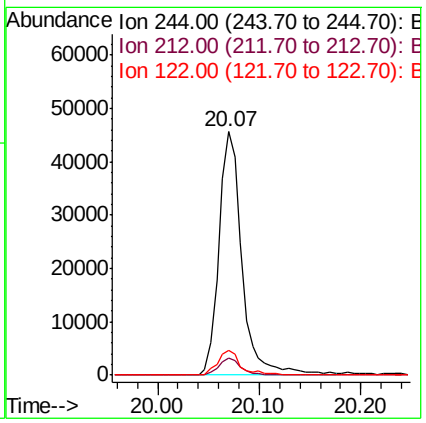


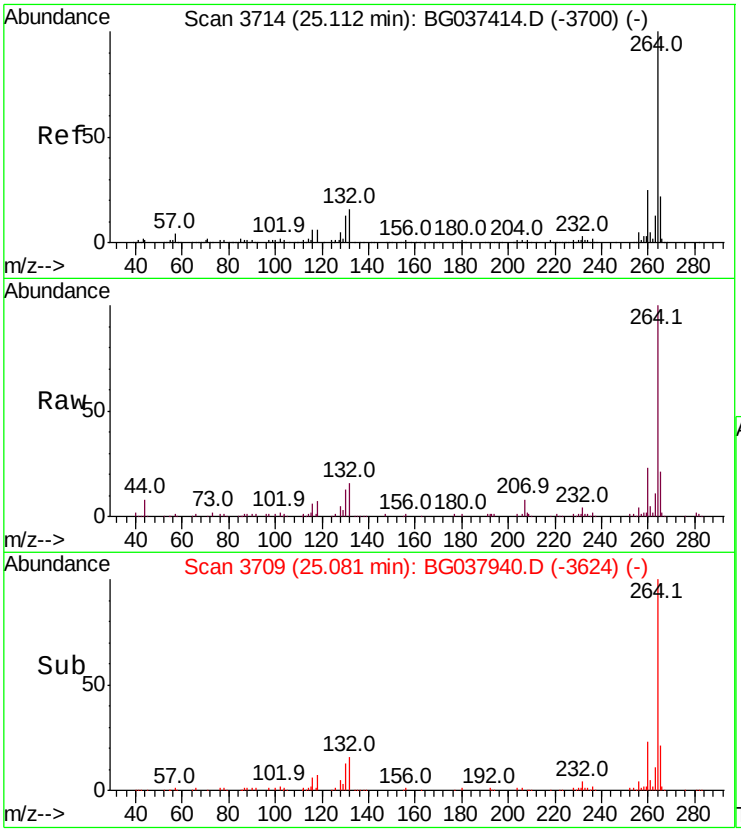


#79
Terphenyl-d14
Concen: 5.267 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Tgt Ion:244 Resp: 72151

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	10.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037940.D
Acq: 12 Nov 2018 12:02

Instrument :
BNA_G
ClientSampleId :
EP2-SB-110(17-19)DL

Tgt Ion:264 Resp: 224410

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.3	17.9	26.9