Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042301.D
Acq On : 18 Aug 2019 00:26
Operator : HP/JU
Sample : K4265-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : R1-R2-(0-4.3)

Quant Time: Aug 19 07:52:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:42:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	58114	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	218365	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	159857	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	387774	20.00	ng	0.00
76) Chrysene-d12	21.70	240	446716	20.00	ng	0.00
87) Perylene-d12	24.94	264	500593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	373031	124.89	ng	0.00
7) Phenol-d6	7.17	99	437622	108.68	ng	0.00
23) Nitrobenzene-d5	9.18	82	330493	104.15	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	340405	187.47	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1005583	110.95	ng	0.00
79) Terphenyl-d14	20.03	244	2007622	102.84	ng	0.00
Target Compounds						Qvalue

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

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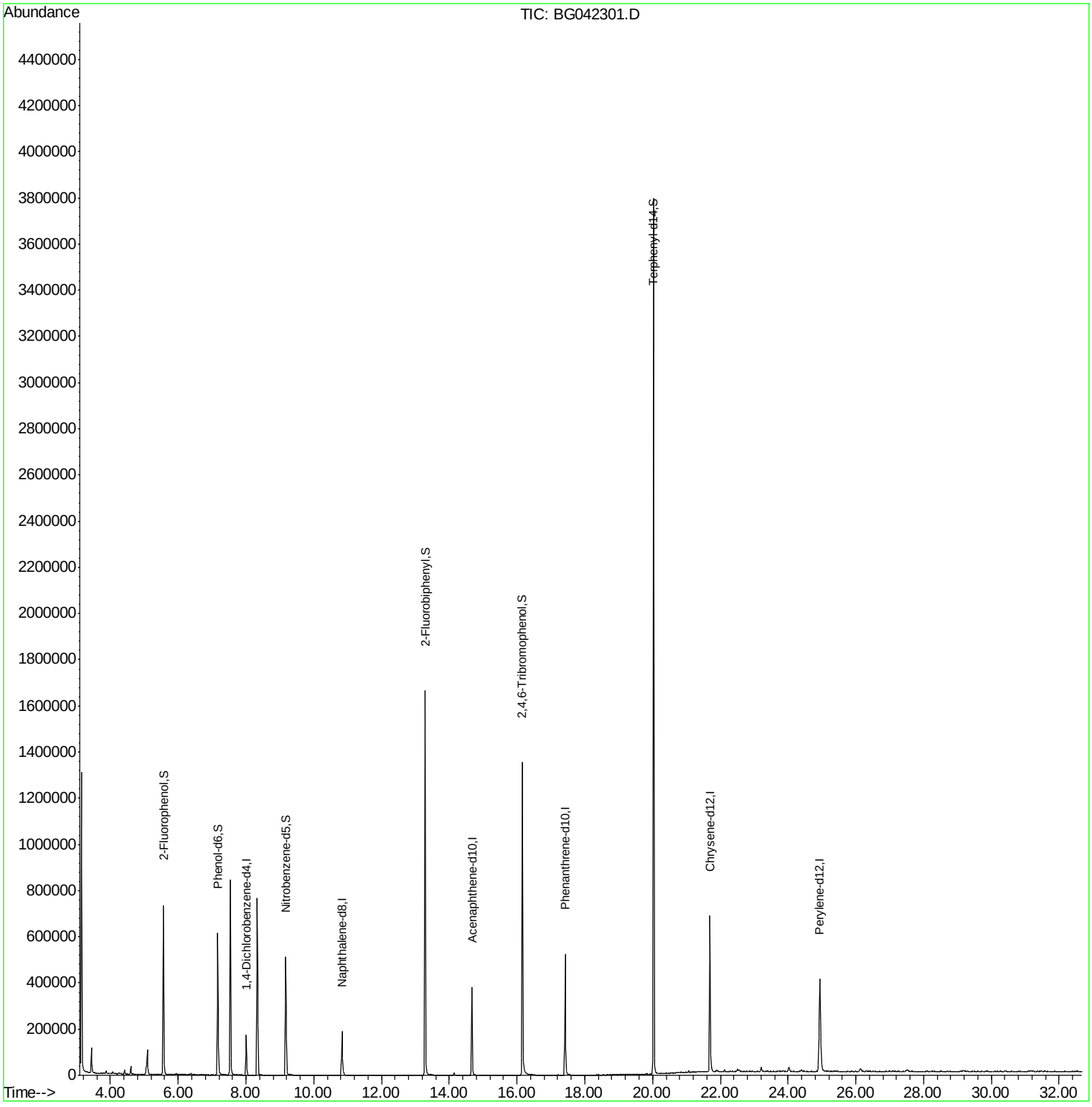
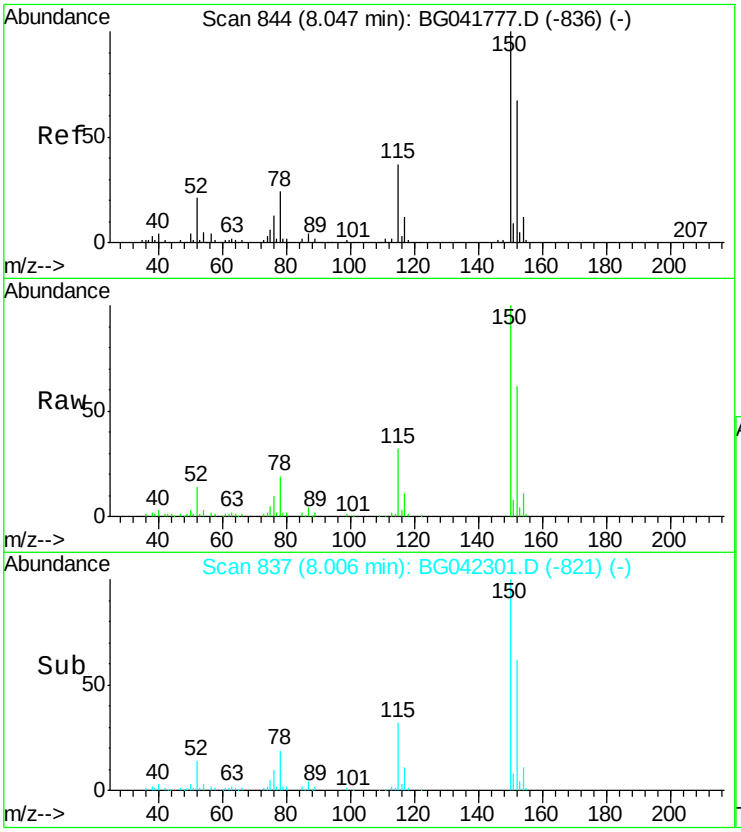


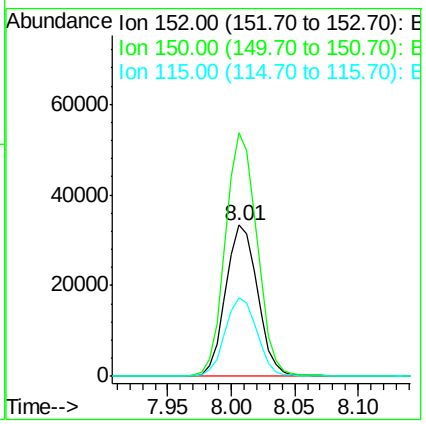


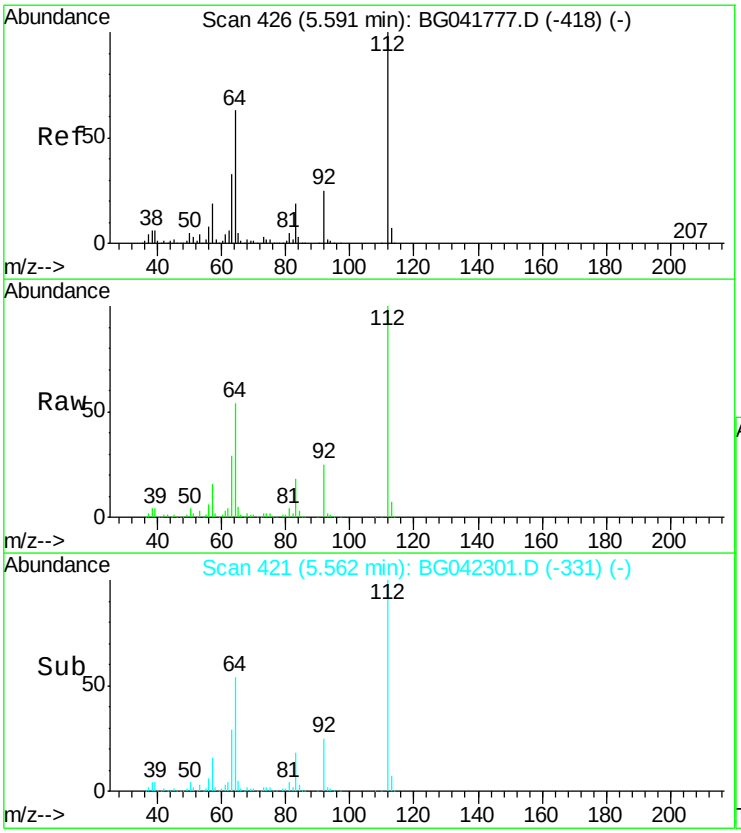
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Instrument :
BNA_G
ClientSampleId :
R1-R2-(0-4.3)

Tgt Ion:152 Resp: 58114

Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.9	190.3
115	52.2	45.0	67.6

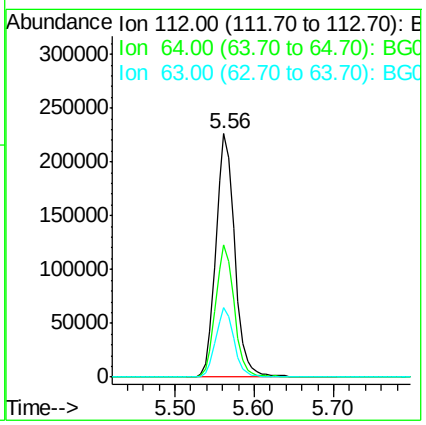


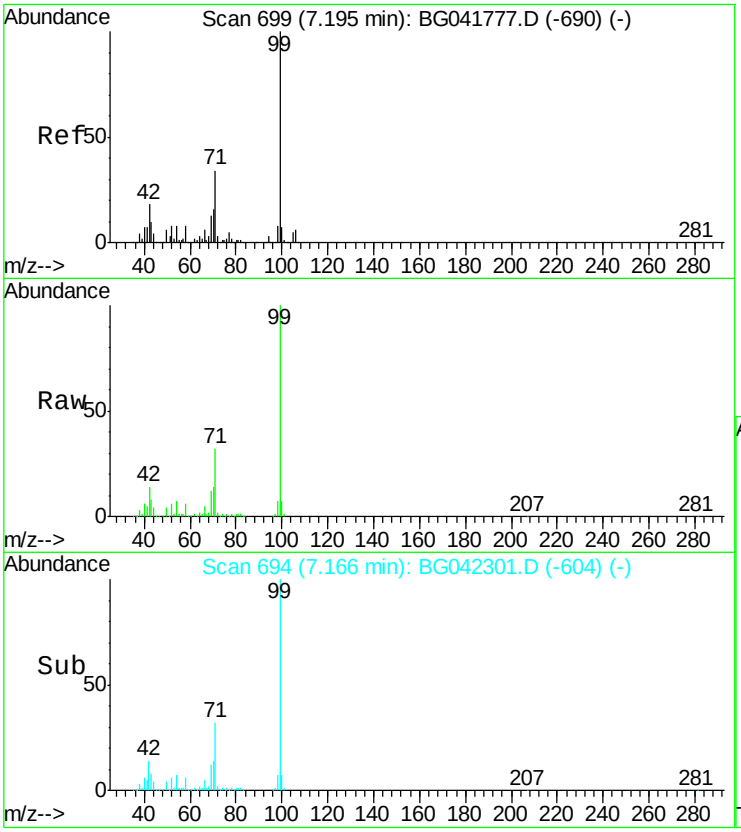


#5
2-Fluorophenol
Concen: 124.888 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Tgt Ion:112 Resp: 373031

Ion	Ratio	Lower	Upper
112	100		
64	54.4	55.4	83.2#
63	28.6	29.1	43.7#



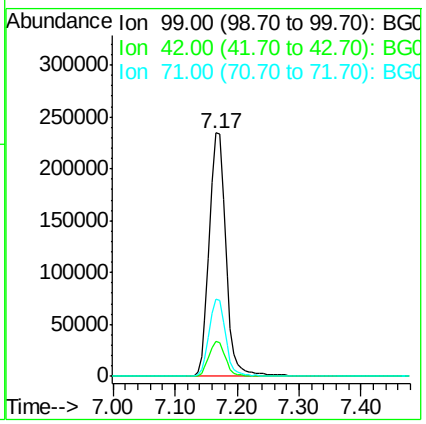


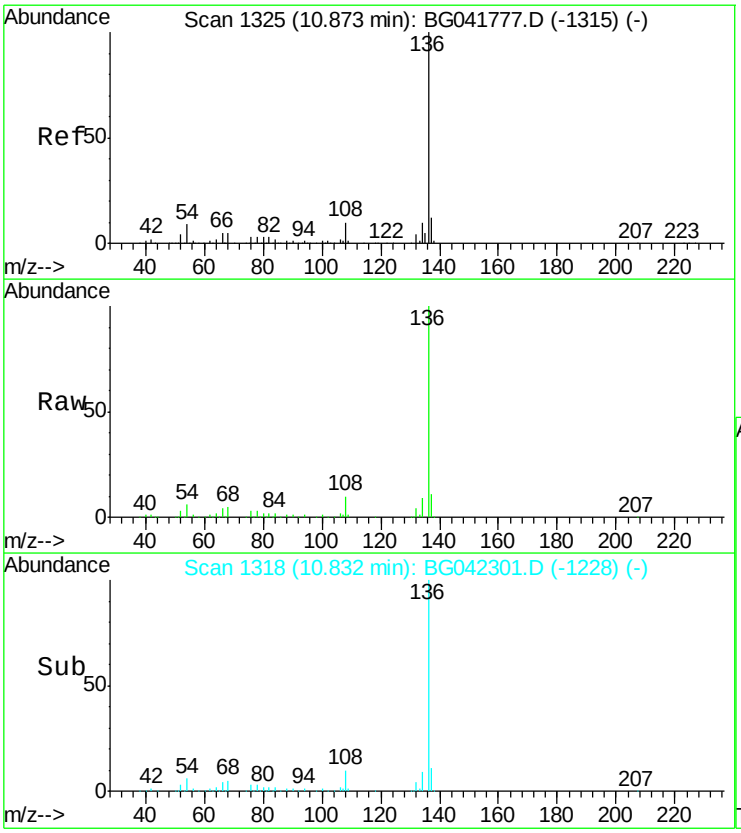
#7
Phenol-d6
Concen: 108.676 ng
RT: 7.17 min Scan# 694
Delta R.T. 0.00 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Instrument :
BNA_G
ClientSampleId :
R1-R2-(0-4.3)

Tgt Ion: 99 Resp: 437622

Ion	Ratio	Lower	Upper
99	100		
42	14.3	17.6	26.4#
71	31.9	27.8	41.6

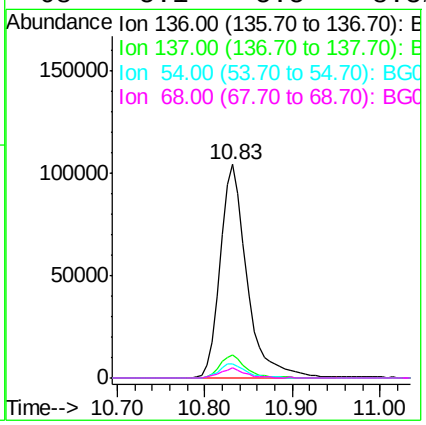


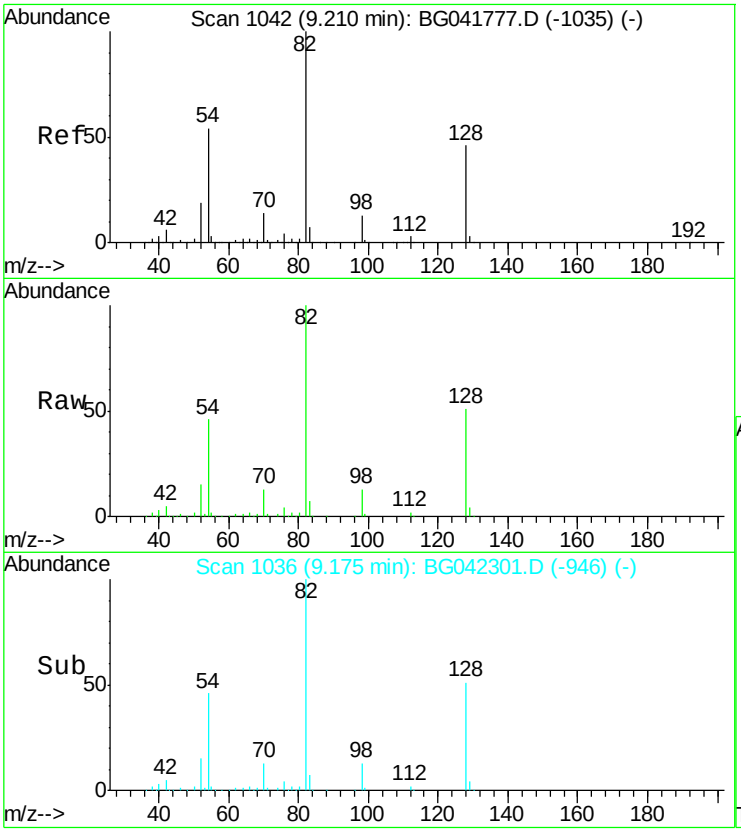


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Tgt Ion:136 Resp: 218365

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.3	8.7	13.1#
68	5.1	5.5	8.3#



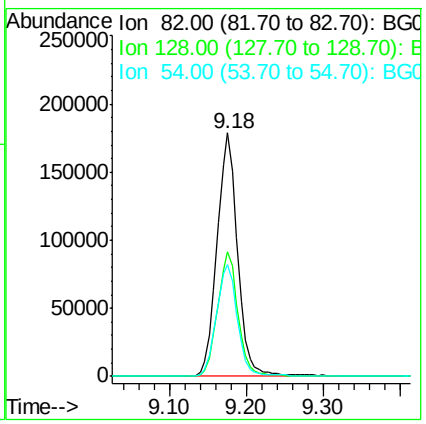


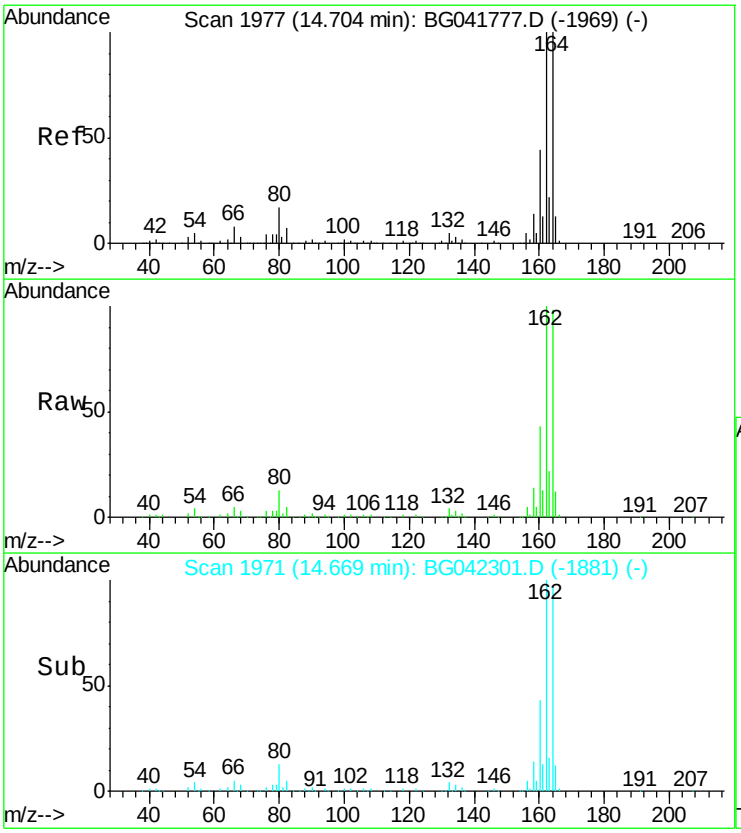
#23
Nitrobenzene-d5
Concen: 104.153 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Instrument :
BNA_G
ClientSampleId :
R1-R2-(0-4.3)

Tgt Ion: 82 Resp: 330493

Ion	Ratio	Lower	Upper
82	100		
128	51.1	35.1	52.7
54	45.7	48.7	73.1#

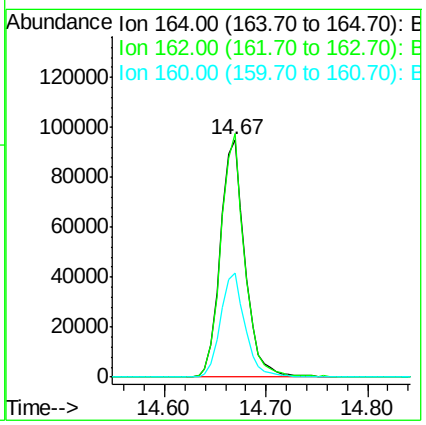


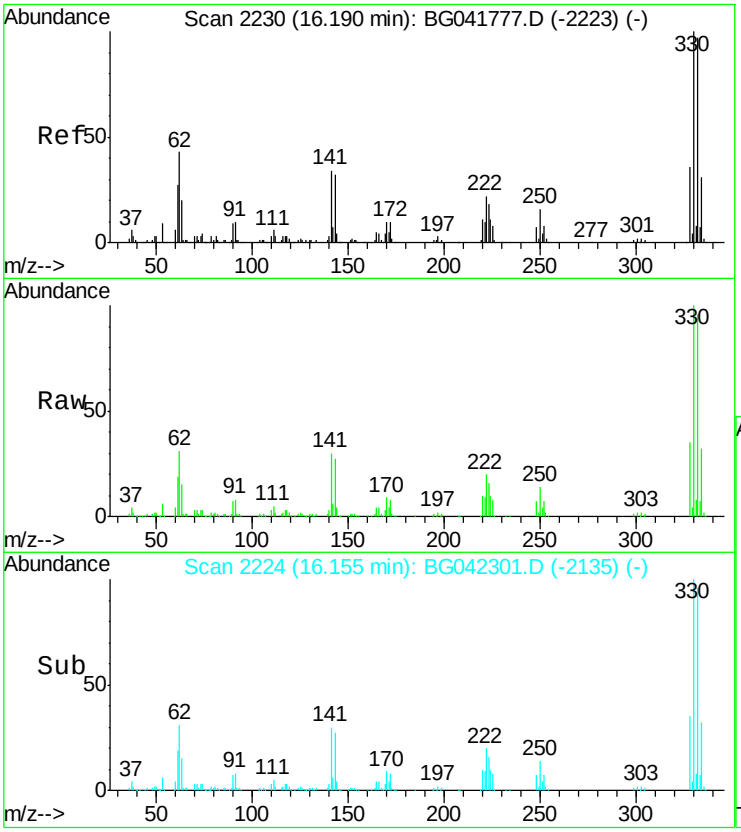


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Tgt Ion:164 Resp: 159857

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.6	119.4
160	43.7	35.4	53.0



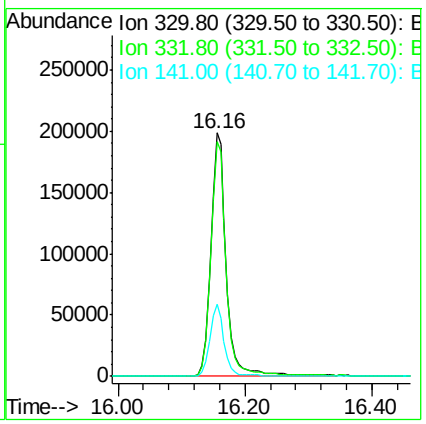


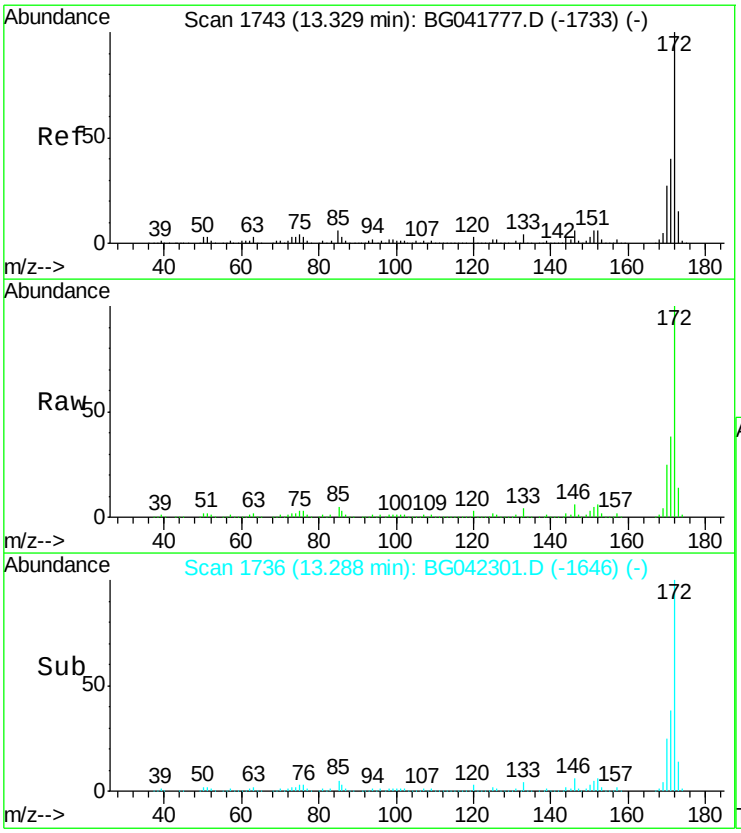
#42
2,4,6-Tribromophenol
Concen: 187.473 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Instrument :
BNA_G
ClientSampleId :
R1-R2-(0-4.3)

Tgt Ion:330 Resp: 340405

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	27.8	31.9	47.9#

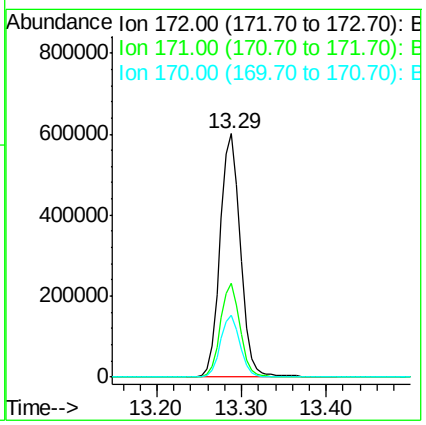


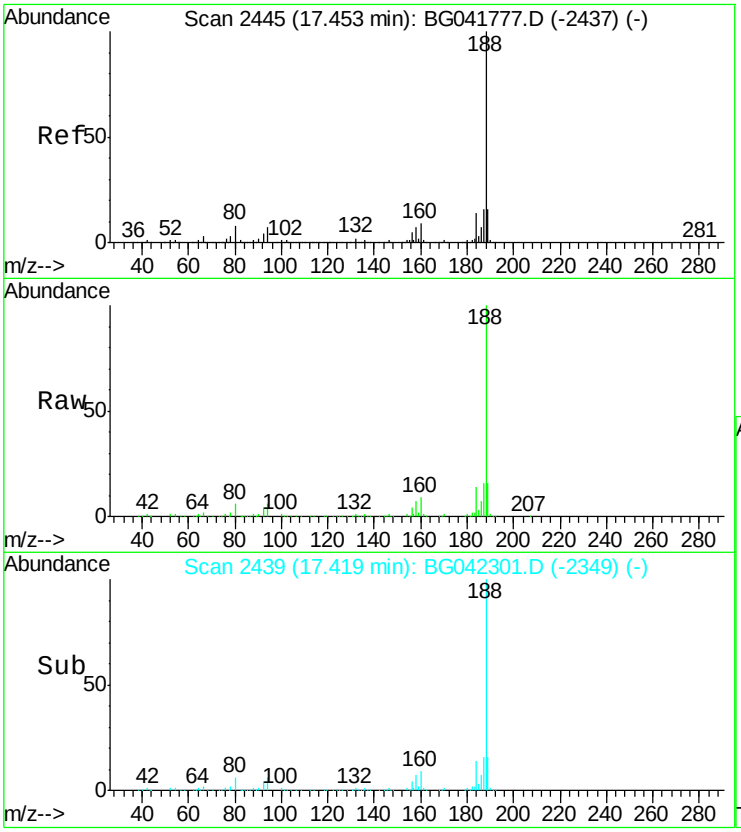


#45
2-Fluorobiphenyl
Concen: 110.947 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Tgt Ion:172 Resp: 1005583

Ion	Ratio	Lower	Upper
172	100		
171	38.4	35.0	52.4
170	25.2	23.5	35.3



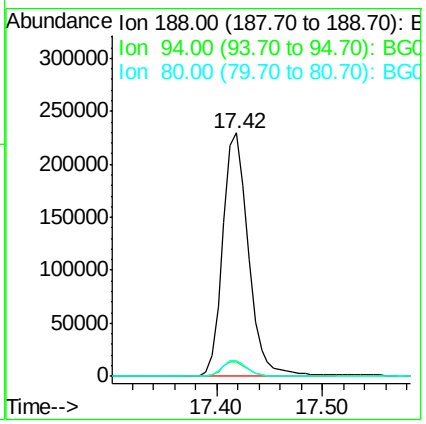


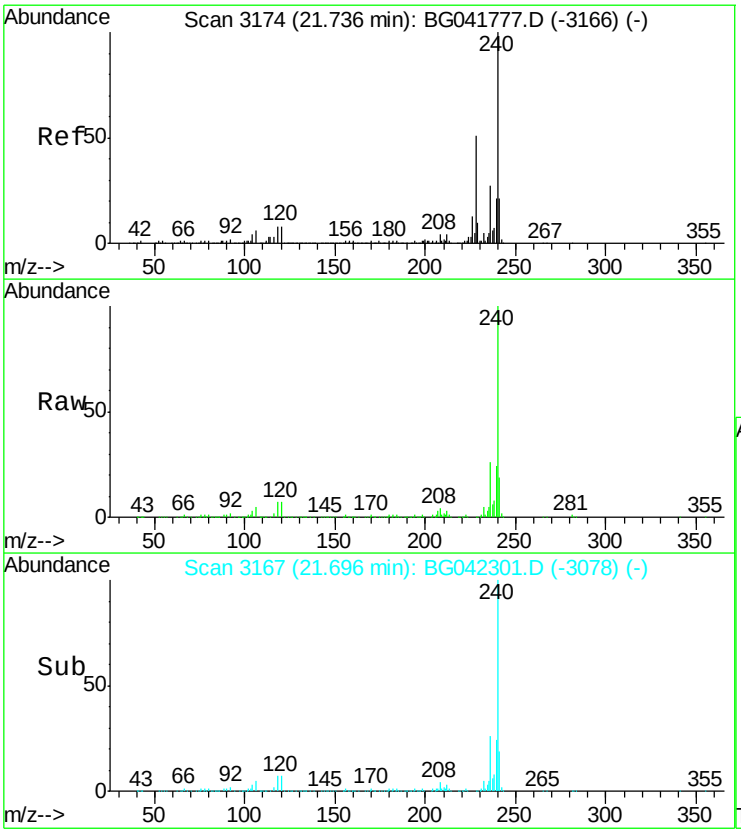
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Instrument :
BNA_G
ClientSampleId :
R1-R2-(0-4.3)

Tgt Ion:188 Resp: 387774

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	6.4	8.0	12.0#

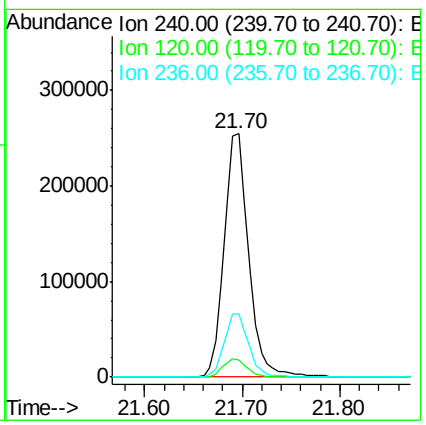


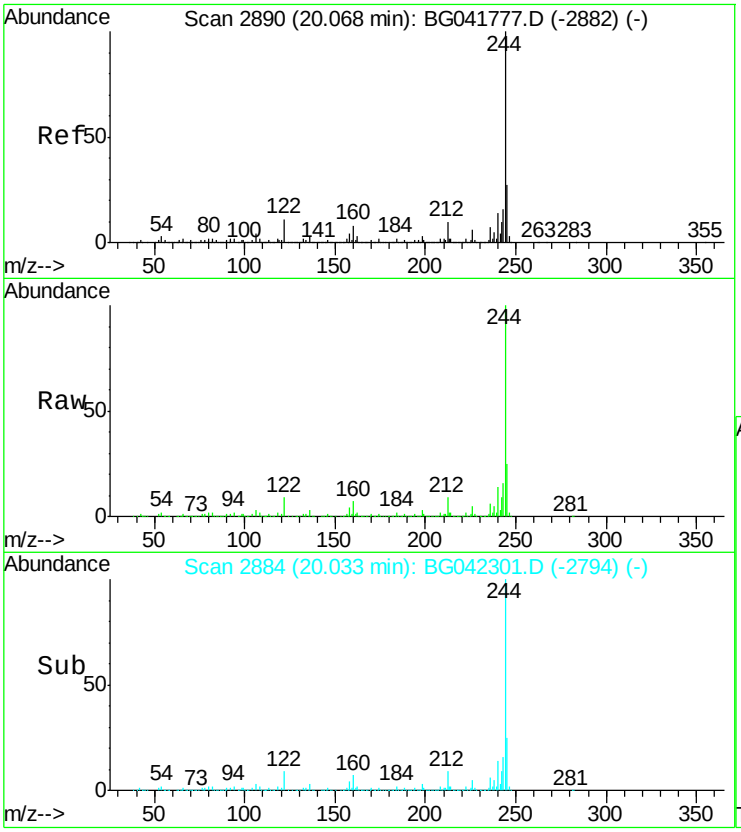


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Tgt Ion:240 Resp: 446716

Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.0	12.0#
236	25.8	22.6	33.8



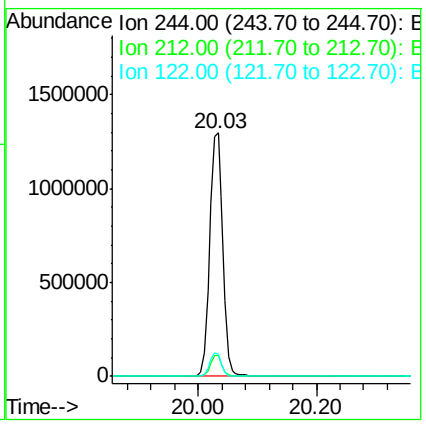


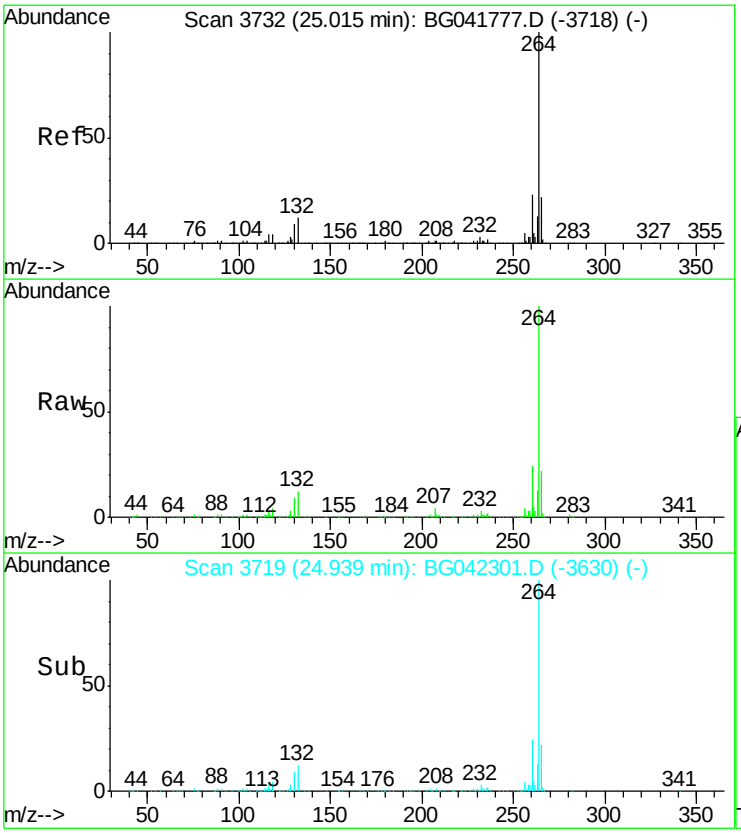
#79
Terphenyl-d14
Concen: 102.839 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Instrument :
BNA_G
ClientSampleId :
R1-R2-(0-4.3)

Tgt Ion:244 Resp: 2007622

Ion	Ratio	Lower	Upper
244	100		
212	8.8	9.7	14.5#
122	9.3	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Tgt Ion:264 Resp: 500593

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.0	18.0	27.0