Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042285.D
Acq On : 17 Aug 2019 11:37
Operator : HP/JU
Sample : K4356-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Time: Aug 19 05:55:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61813	20.00	ng		-0.04
21) Naphthalene-d8	10.83	136	235455	20.00	ng		-0.04
39) Acenaphthene-d10	14.67	164	170174	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	410317	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	467818	20.00	ng		-0.04
87) Perylene-d12	24.94	264	501899	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	412546	129.85	ng		-0.03
7) Phenol-d6	7.17	99	517852	120.90	ng		-0.03
23) Nitrobenzene-d5	9.18	82	344430	100.67	ng		-0.03
42) 2,4,6-Tribromophenol	16.16	330	353247	182.75	ng		-0.03
45) 2-Fluorobiphenyl	13.29	172	1048356	108.65	ng		-0.04
79) Terphenyl-d14	20.04	244	1988097	97.24	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	20857	13.948	ng	#	1
10) Phenol	7.20	94	13101	2.940	ng		91
19) n-Nitroso-di-n-propylamine	9.18	70	43711	14.057	ng	#	61
50) Dimethylphthalate	14.12	163	45493	3.914	ng		98
51) 2,6-Dinitrotoluene	14.66	165	22077	9.084	ng	#	27
57) 2,4-Dinitrotoluene	14.66	165	22077	6.606	ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.16	198	757	7.175	ng	#	1
67) 4-Bromophenyl-phenylether	16.16	248	25004	4.947	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
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QLast Update : Wed Jul 31 08:57:26 2019
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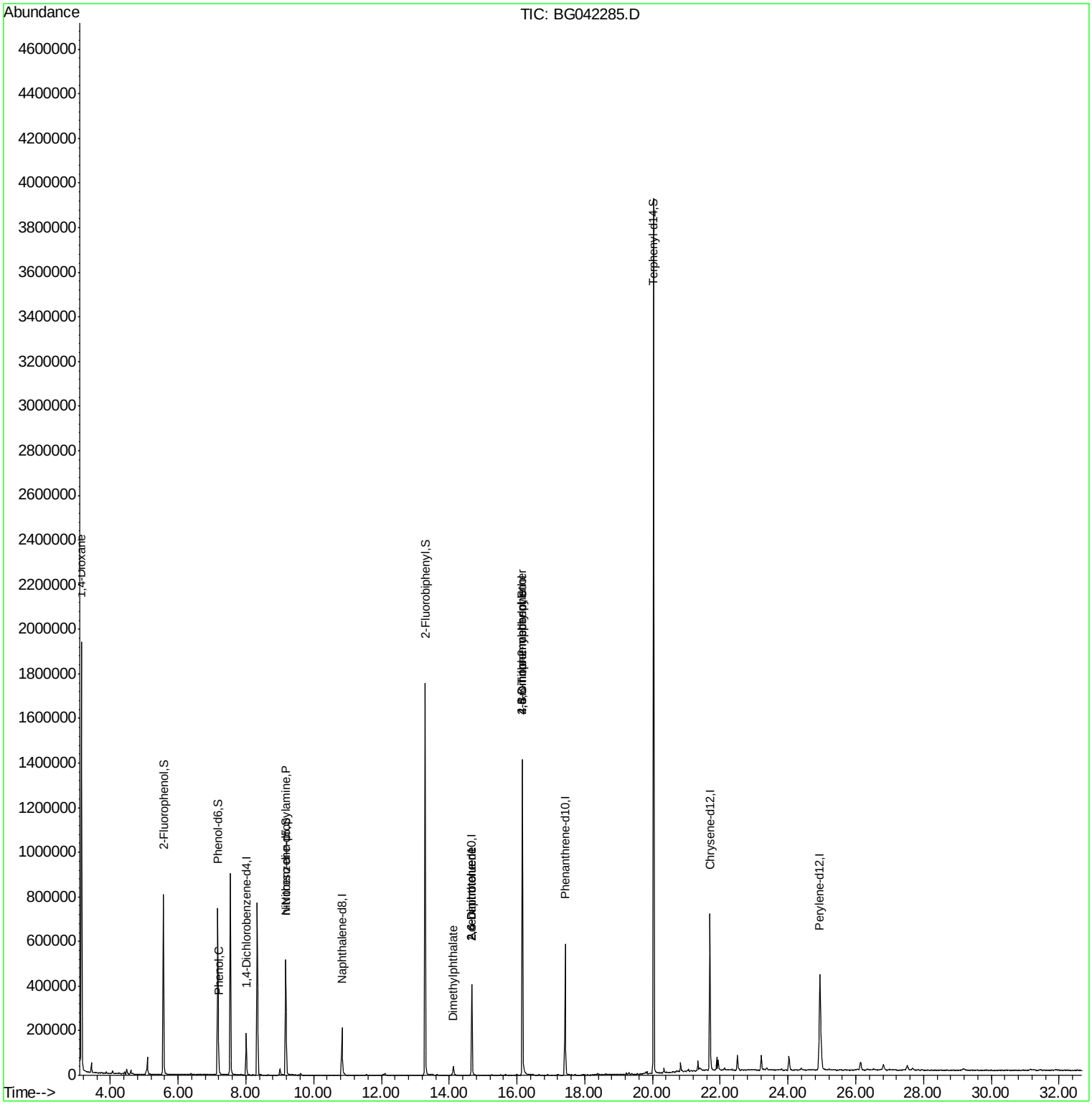
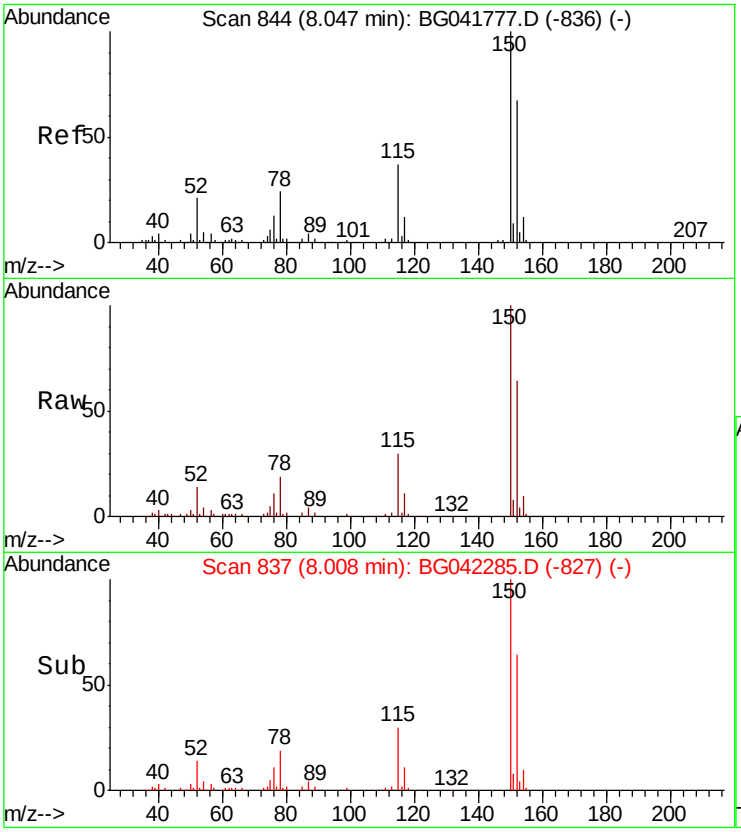


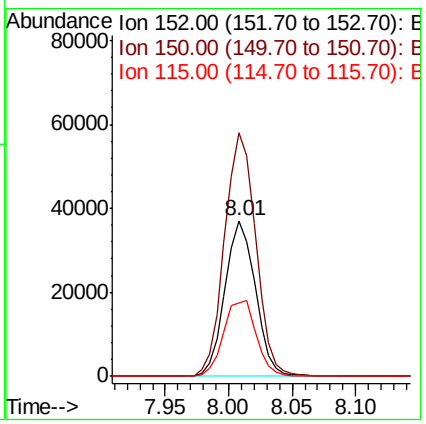


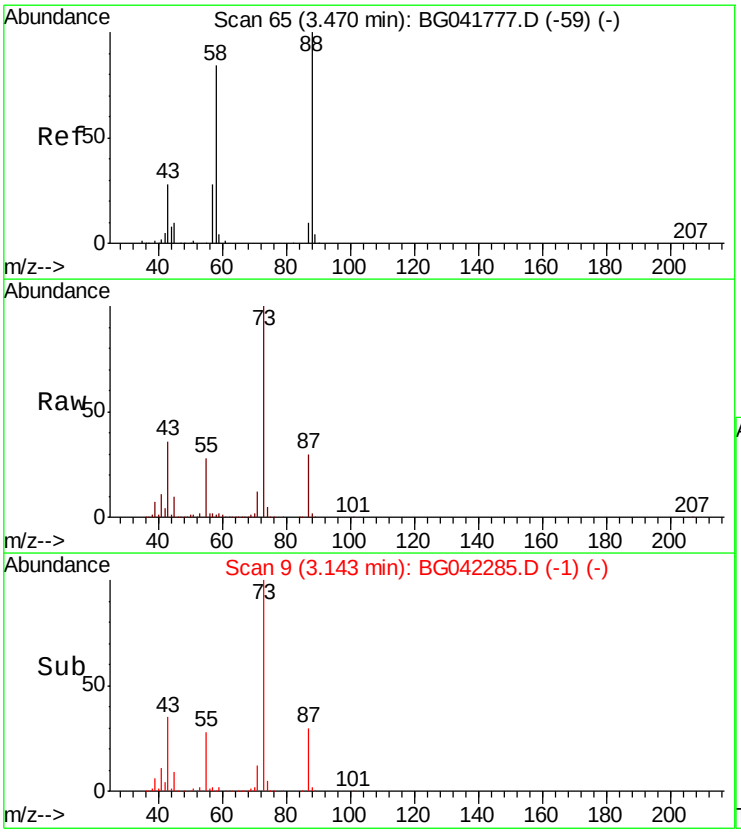
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 61813

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.9	190.3
115	47.2	45.0	67.6

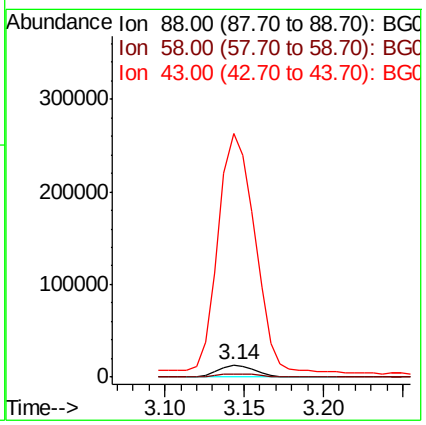


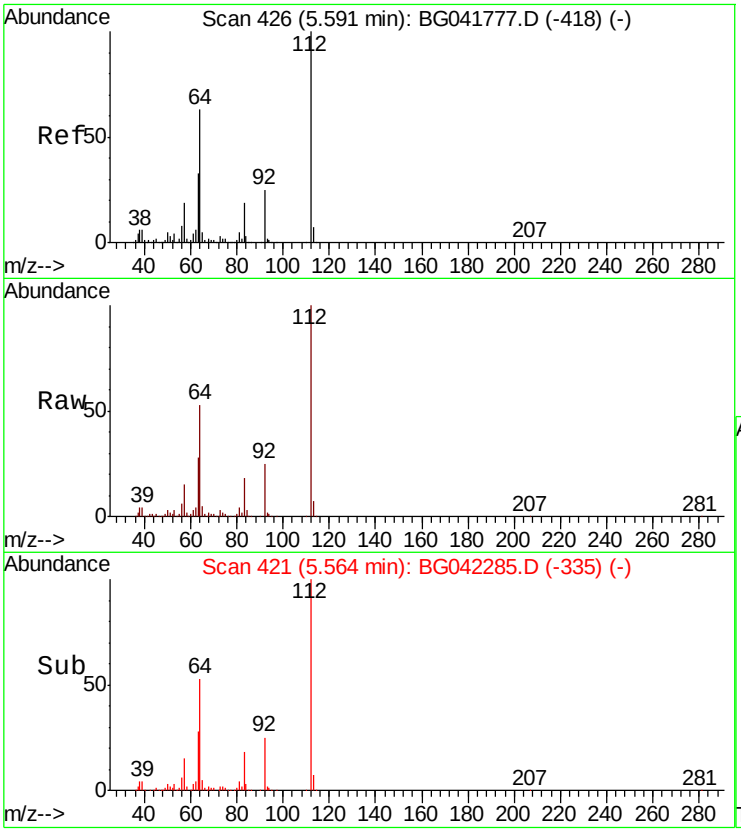


#2
1,4-Dioxane
Concen: 13.948 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion: 88 Resp: 20857

Ion	Ratio	Lower	Upper
88	100		
58	23.9	76.2	114.2#
43	2017.1	27.2	40.8#



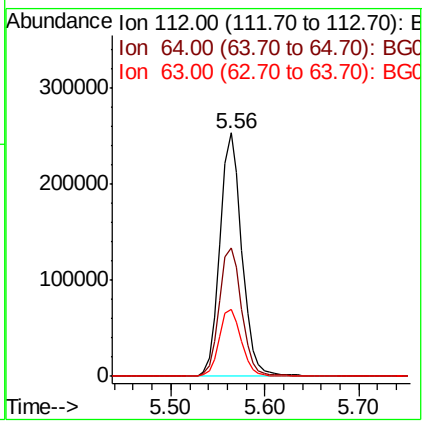


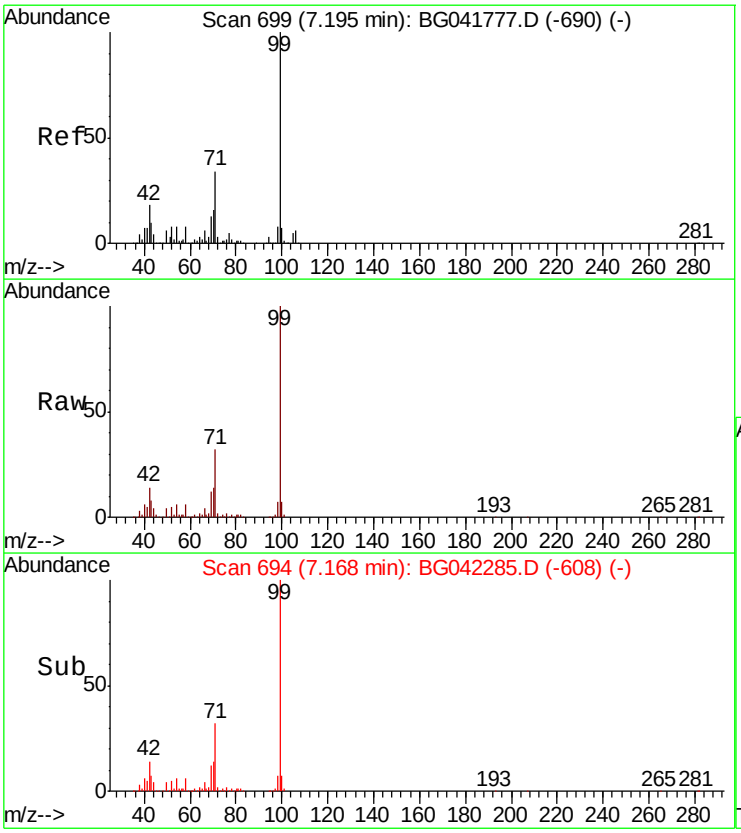
#5
2-Fluorophenol
Concen: 129.853 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:112 Resp: 412546

Ion	Ratio	Lower	Upper
112	100		
64	52.9	55.4	83.2#
63	27.6	29.1	43.7#

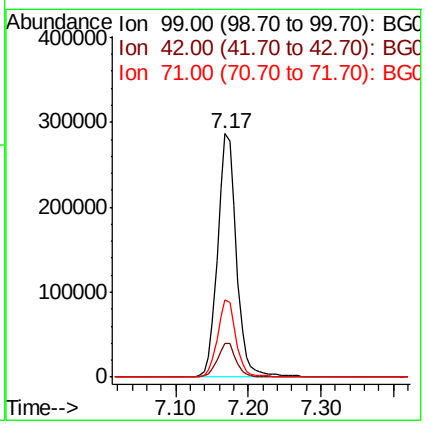


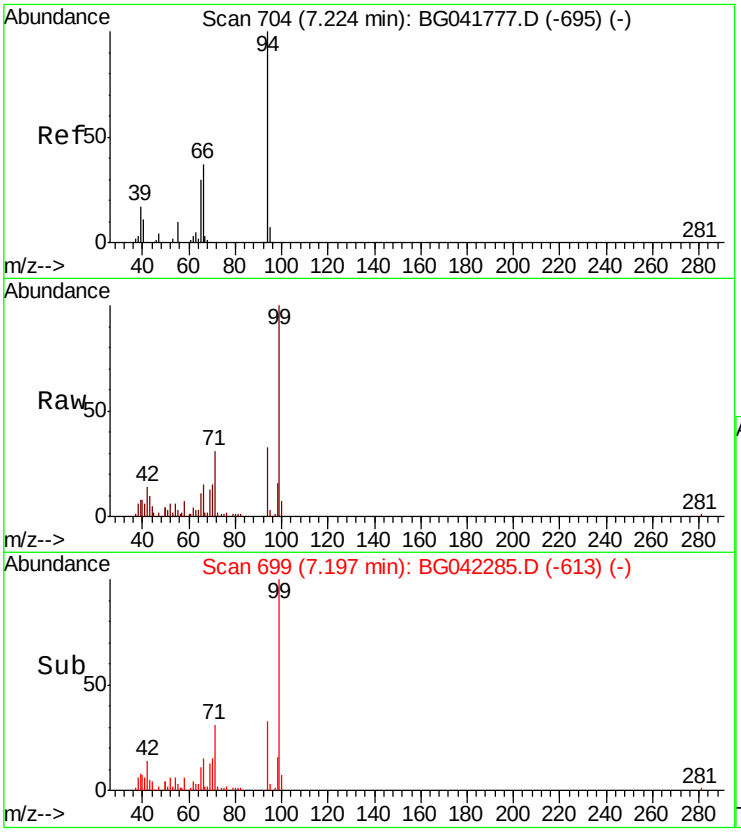


#7
Phenol-d6
Concen: 120.904 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion: 99 Resp: 517852

Ion	Ratio	Lower	Upper
99	100		
42	14.1	17.6	26.4#
71	31.9	27.8	41.6



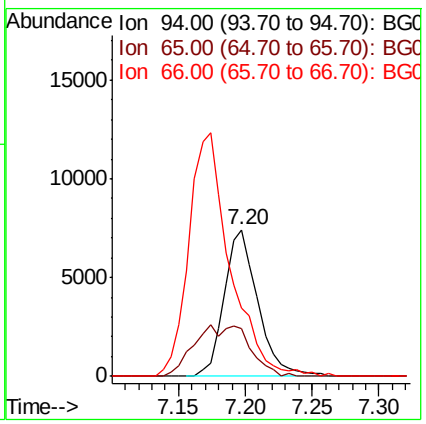


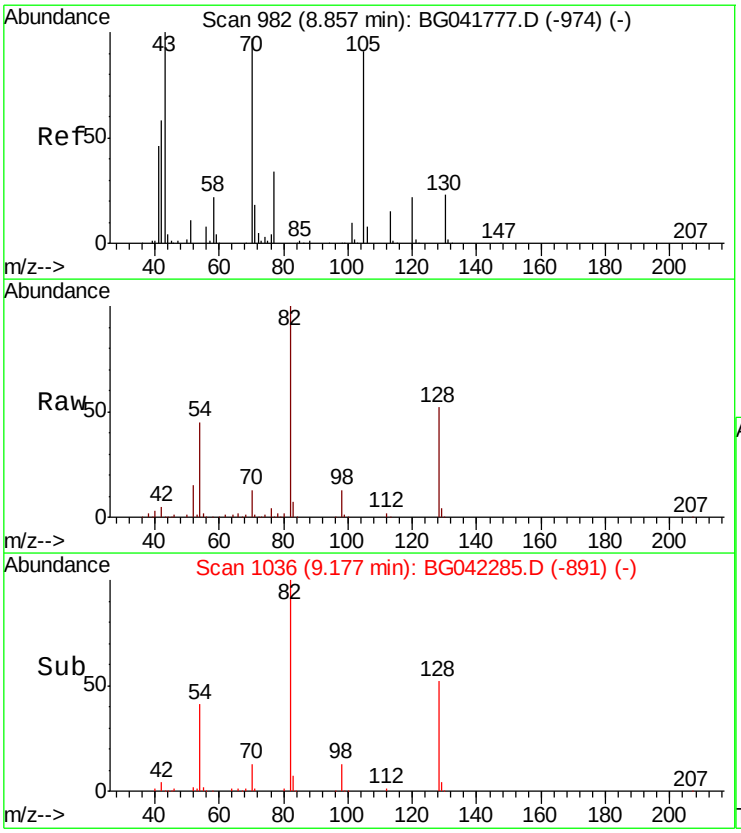
#10
Phenol
Concen: 2.940 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.03 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion: 94 Resp: 13101

Ion	Ratio	Lower	Upper
94	100		
65	32.4	10.6	50.6
66	46.7	18.2	58.2

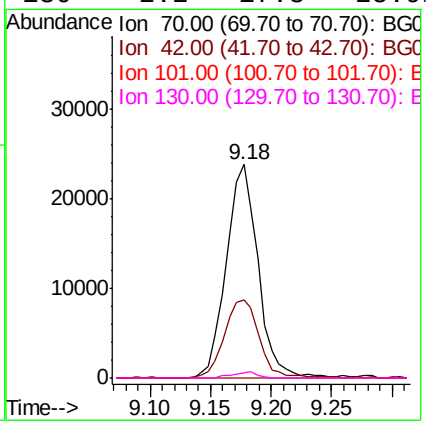


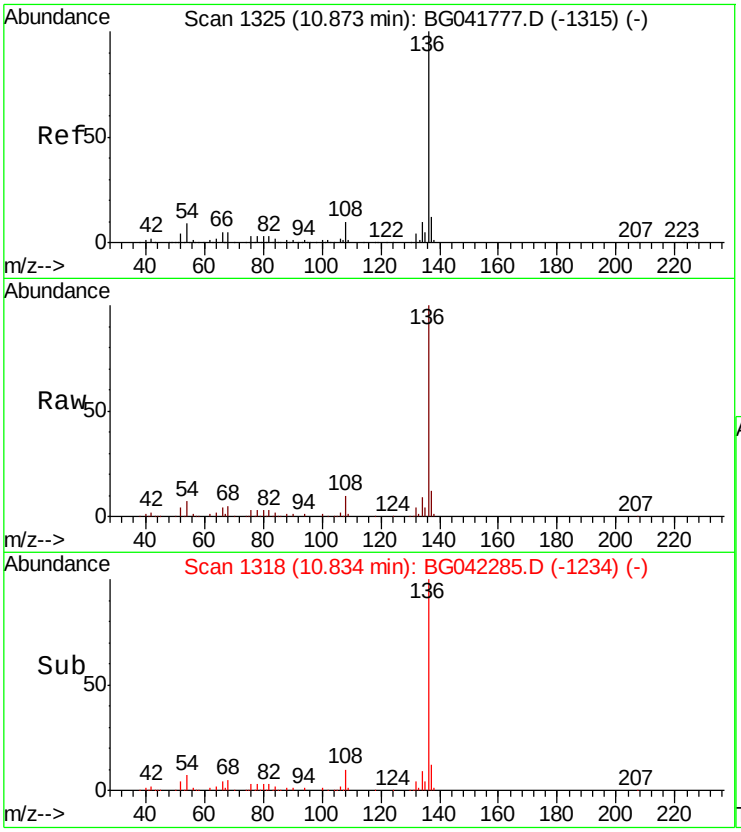


#19
n-Nitroso-di-n-propylamine
Concen: 14.057 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion: 70 Resp: 43711

Ion	Ratio	Lower	Upper
70	100		
42	36.8	55.8	83.6#
101	0.0	8.1	12.1#
130	2.2	17.3	25.9#



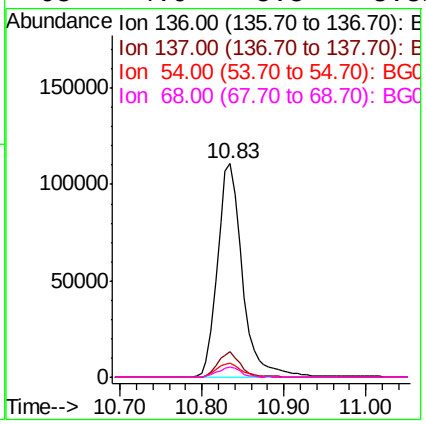


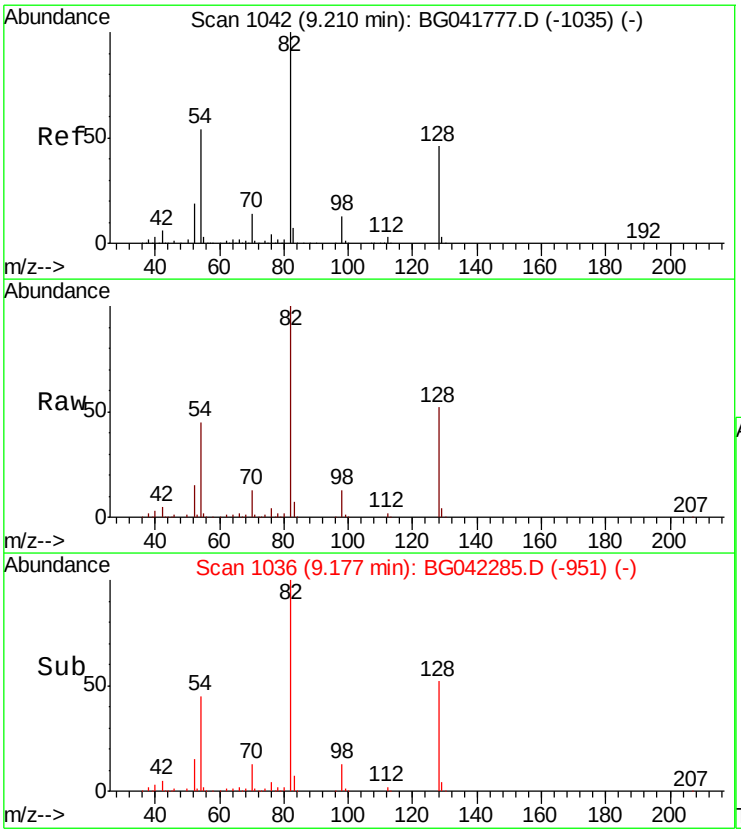
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:136 Resp: 235455

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	6.8	8.7	13.1#
68	4.9	5.5	8.3#

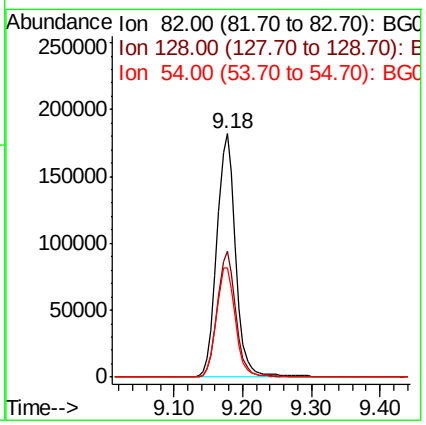


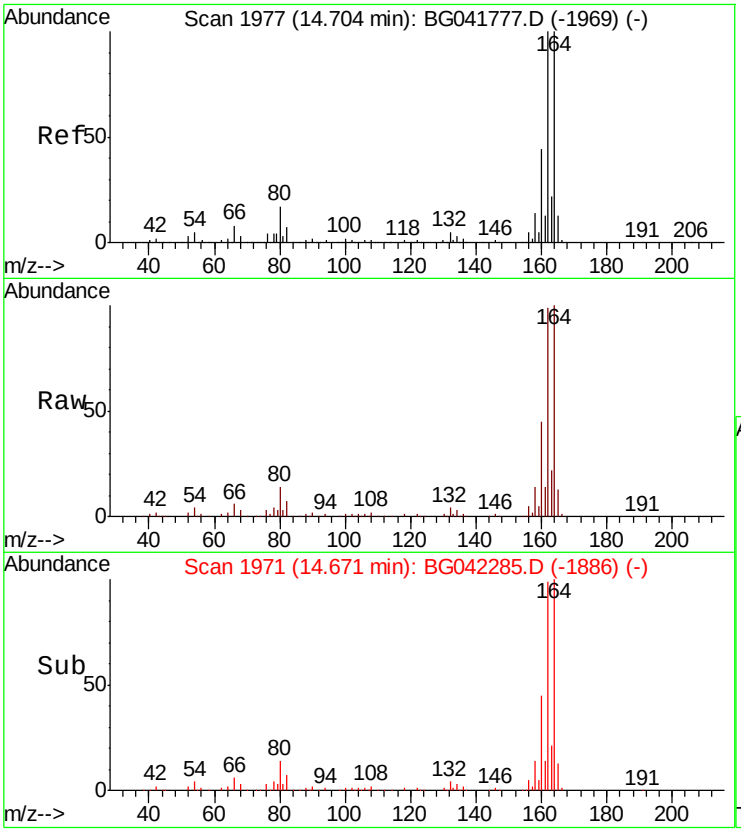


#23
Nitrobenzene-d5
Concen: 100.666 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion: 82 Resp: 344430

Ion	Ratio	Lower	Upper
82	100		
128	51.7	35.1	52.7
54	44.7	48.7	73.1#



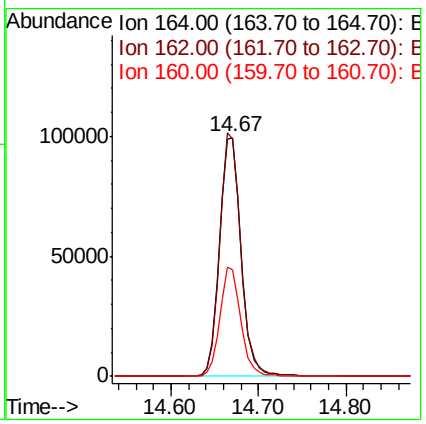


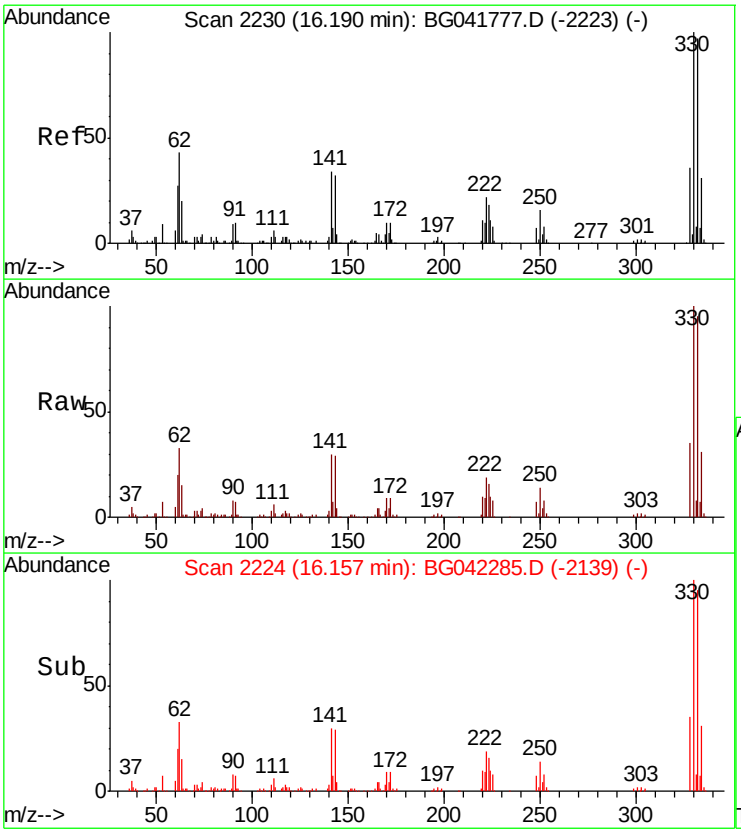
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:164 Resp: 170174

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.6	119.4
160	44.8	35.4	53.0

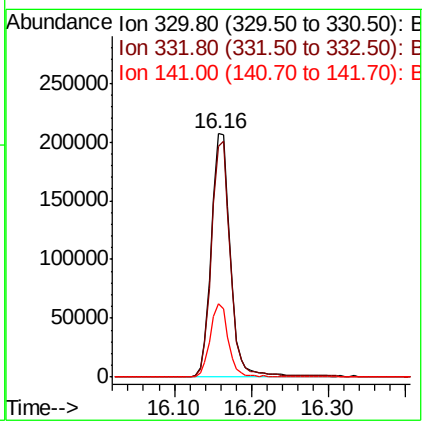


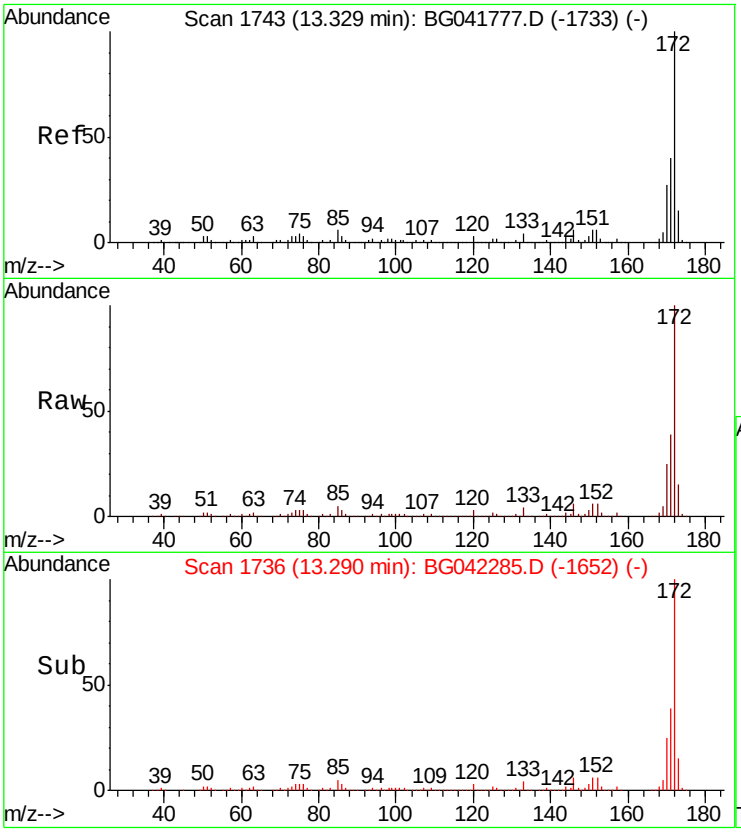


#42
2,4,6-Tribromophenol
Concen: 182.751 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.03 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion:330 Resp: 353247

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	28.7	31.9	47.9#



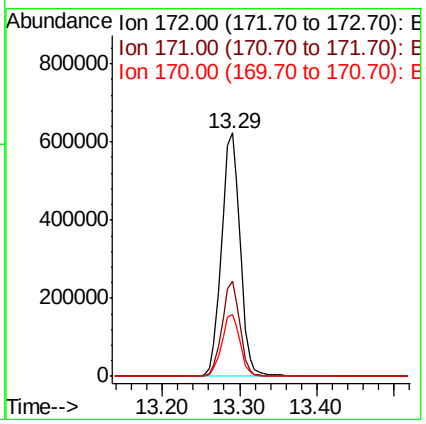


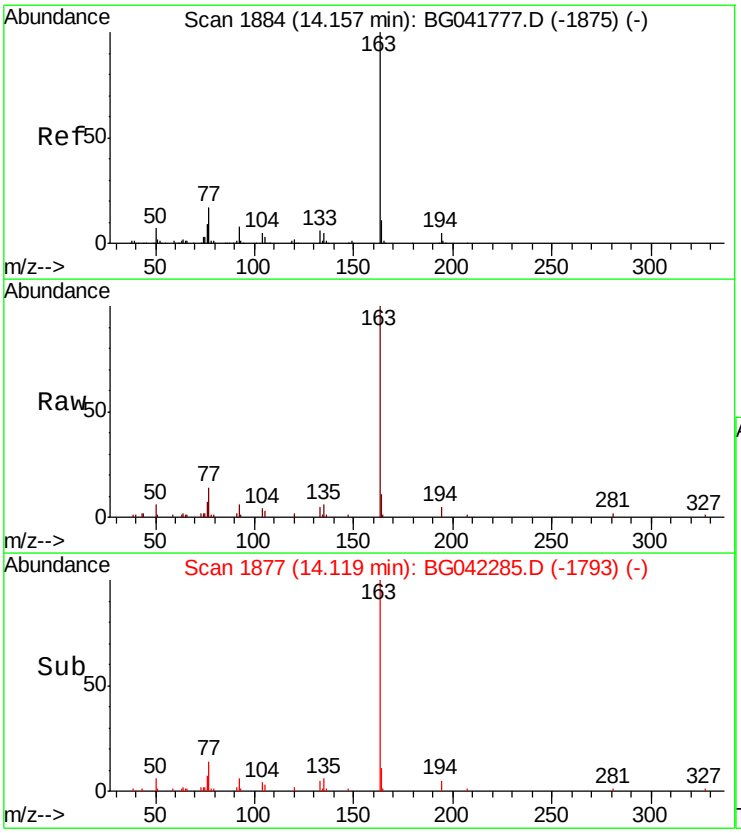
#45
2-Fluorobiphenyl
Concen: 108.654 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.04 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:172 Resp: 1048356

Ion	Ratio	Lower	Upper
172	100		
171	38.9	35.0	52.4
170	25.3	23.5	35.3

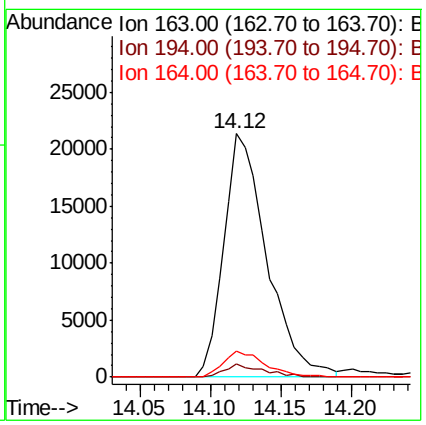


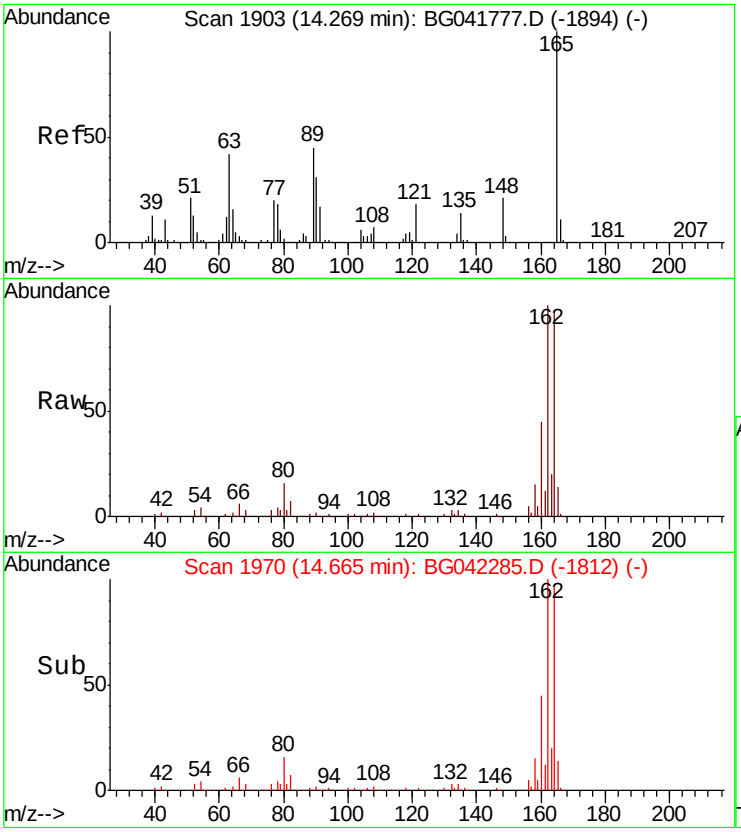


#50
Dimethylphthalate
Concen: 3.914 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.04 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion:163 Resp: 45493

Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	10.8	9.4	14.2



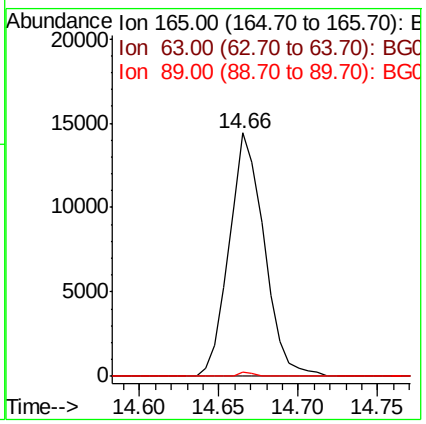


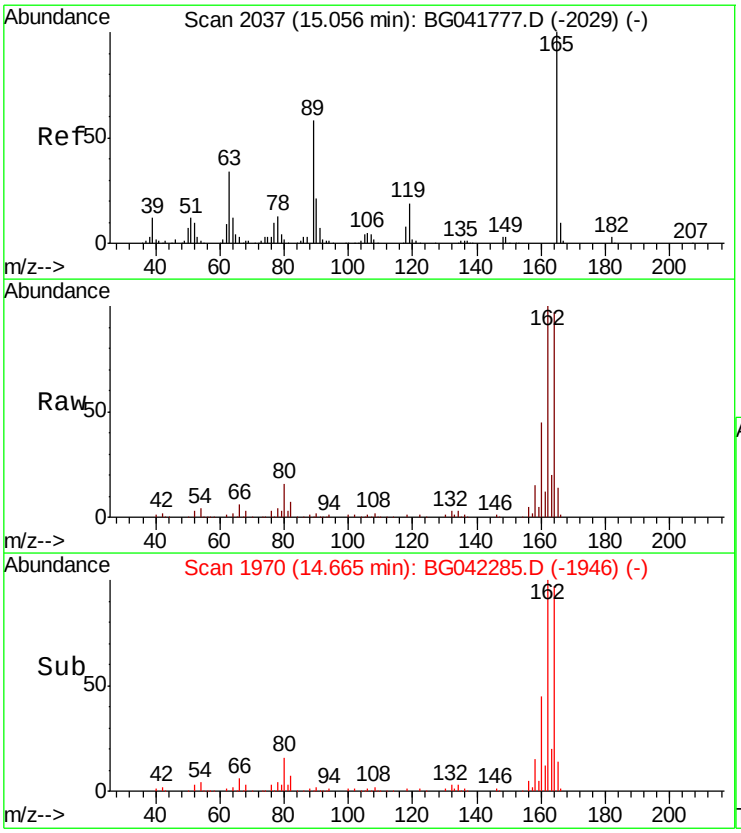
#51
2,6-Dinitrotoluene
Concen: 9.084 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.40 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:165 Resp: 22077

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.4	63.6#
89	1.7	42.1	63.1#

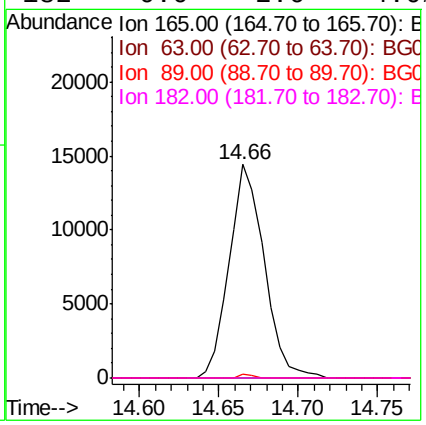


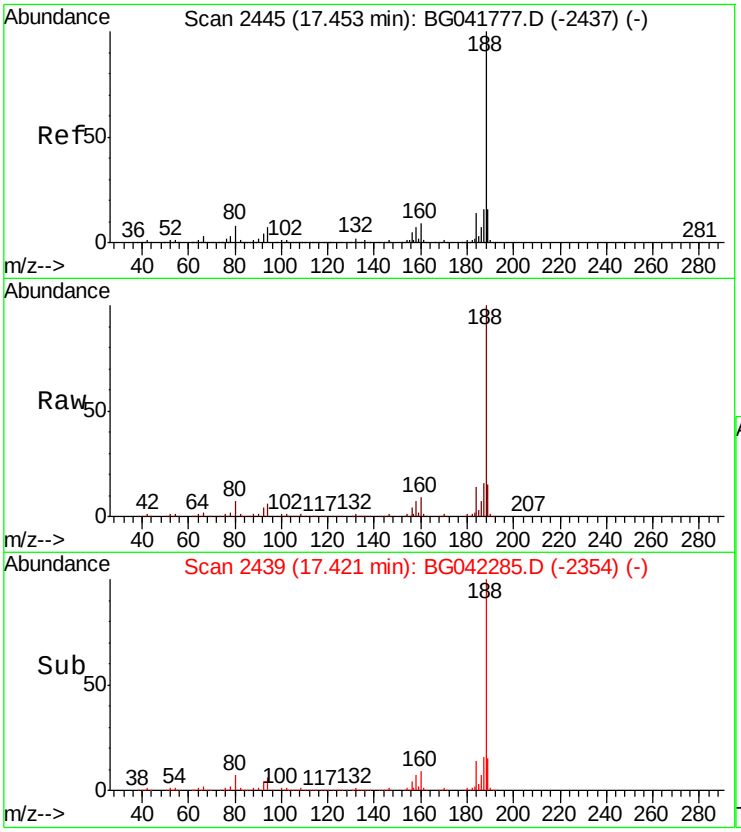


#57
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.39 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion:165 Resp: 22077

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	1.7	50.2	75.4#
182	0.0	2.6	4.0#



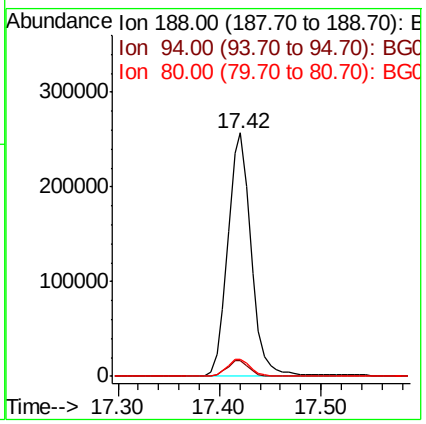


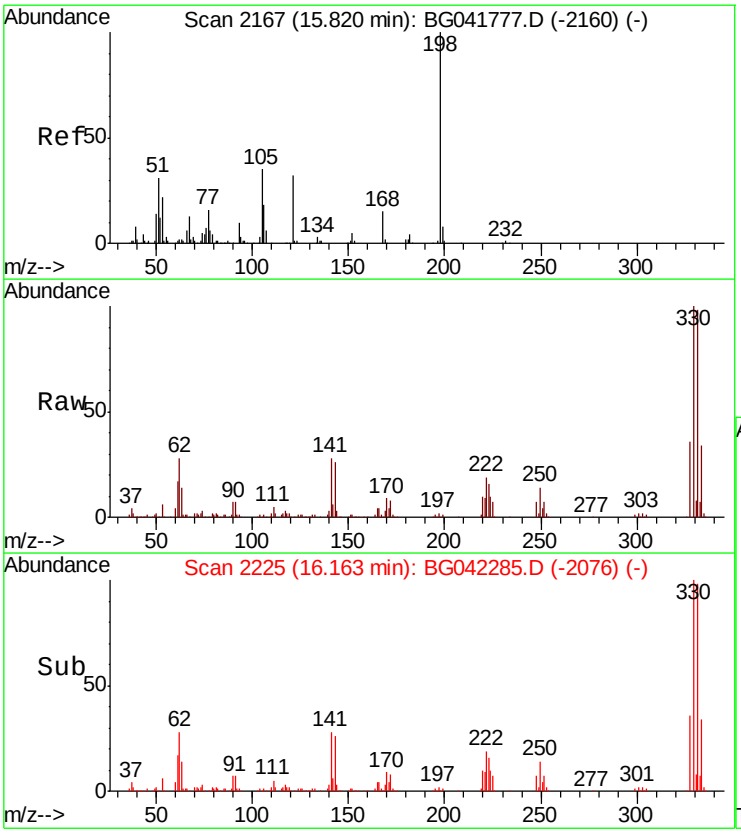
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:188 Resp: 410317

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	6.9	8.0	12.0#

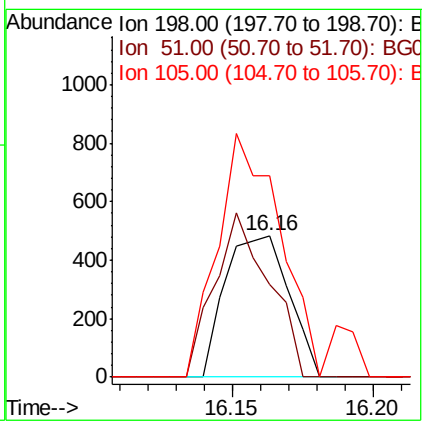


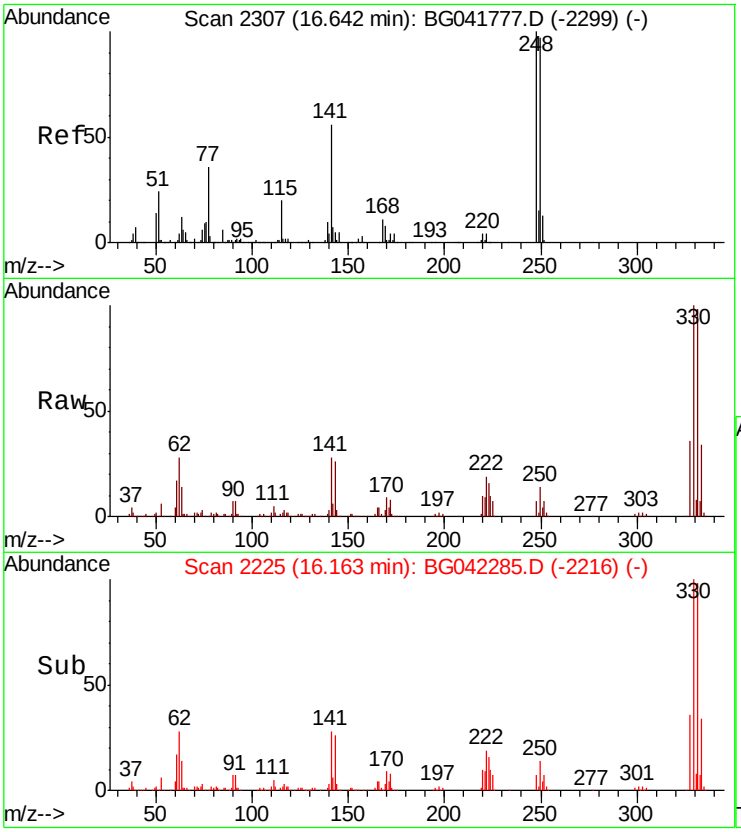


#65
4,6-Dinitro-2-methylphenol
Concen: 7.175 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.34 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion:198 Resp: 757

Ion	Ratio	Lower	Upper
198	100		
51	65.6	22.3	62.3#
105	142.3	18.0	58.0#



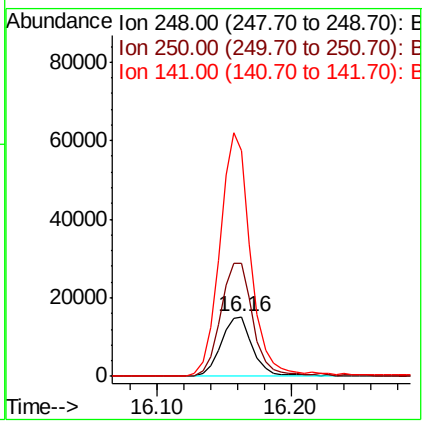


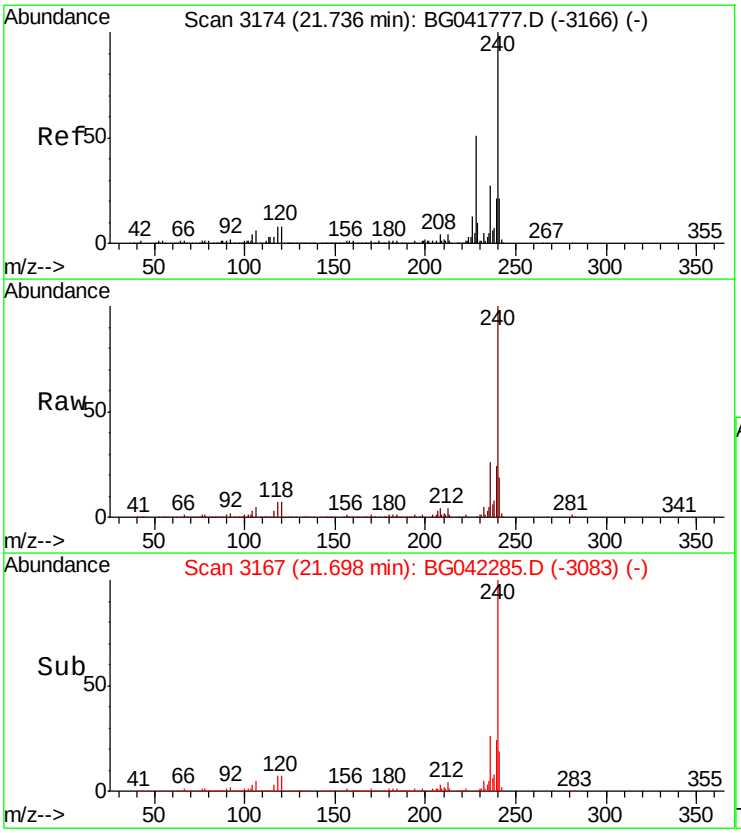
#67
4-Bromophenyl-phenylether
Concen: 4.947 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.48 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:248 Resp: 25004

Ion	Ratio	Lower	Upper
248	100		
250	190.8	78.1	117.1#
141	381.3	49.6	74.4#

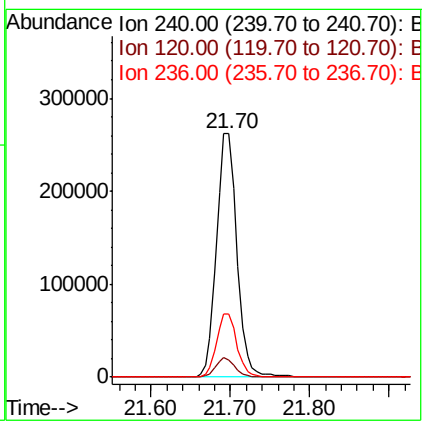


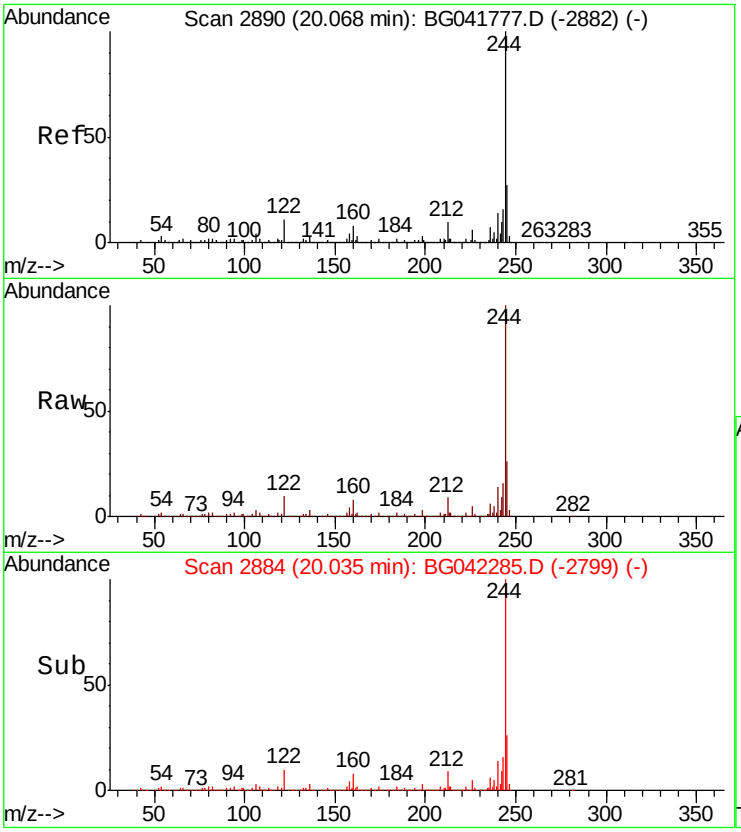


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion:240 Resp: 467818

Ion	Ratio	Lower	Upper
240	100		
120	7.1	8.0	12.0#
236	26.0	22.6	33.8



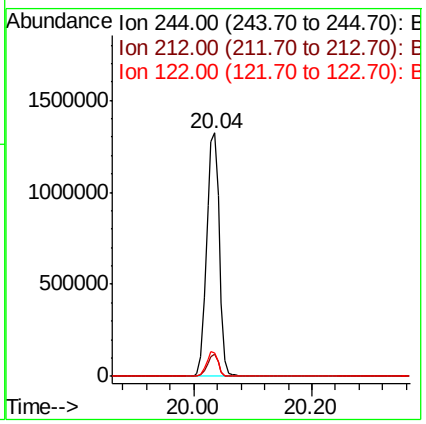


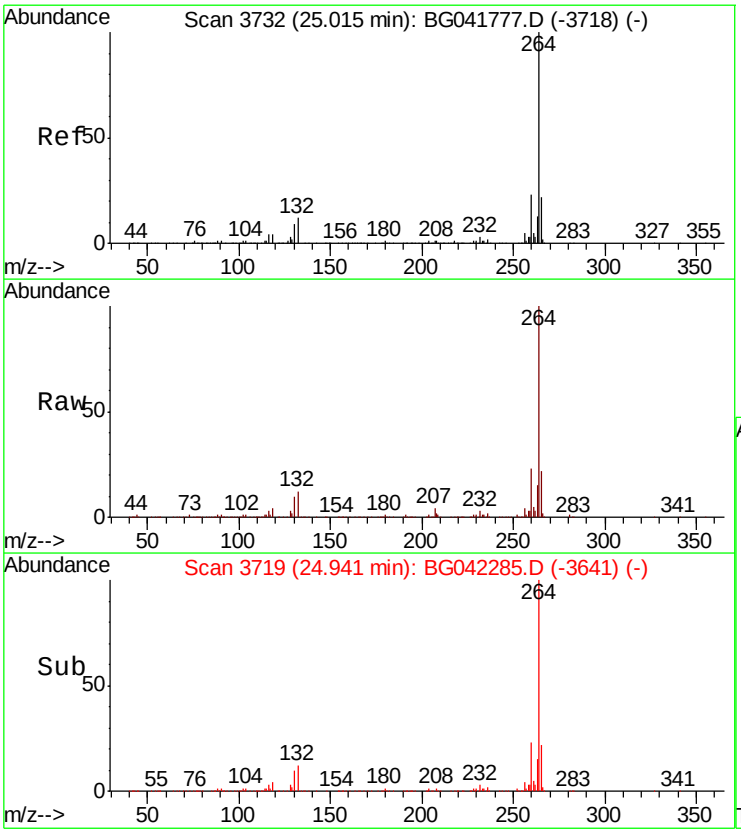
#79
Terphenyl-d14
Concen: 97.245 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:244 Resp: 1988097

Ion	Ratio	Lower	Upper
244	100		
212	8.9	9.7	14.5#
122	9.6	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.07 min
Lab File: BG042285.D
Acq: 17 Aug 2019 11:37

Tgt Ion:264 Resp: 501899

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.1	18.0	27.0