Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
Data File : BG041871.D
Acq On : 1 Aug 2019 20:04
Operator : HP/JU
Sample : K4066-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13

Quant Time: Aug 02 01:34:02 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	8.04	152	80929	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	301851	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	207166	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	476975	20.00	ng		0.00
76) Chrysene-d12	21.73	240	638570	20.00	ng		0.00
87) Perylene-d12	25.00	264	767200	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	183869	44.20	ng		0.00
7) Phenol-d6	7.19	99	157084	28.01	ng		0.00
23) Nitrobenzene-d5	9.21	82	358800	81.80	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	236584	100.54	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	957344	81.50	ng		-0.01
79) Terphenyl-d14	20.06	244	1832356	65.66	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	10.16	122	65	8.748	ng	#	55
50) Dimethylphthalate	14.14	163	129252	9.135	ng		99
52) Acenaphthene	14.76	154	32116	2.911	ng		99
57) 2,4-Dinitrotoluene	14.69	165	29026	7.134	ng	#	30
65) 4,6-Dinitro-2-methylphenol	15.79	198	119	6.896	ng	#	1
67) 4-Bromophenyl-phenylether	16.19	248	17590	2.994	ng	#	1
74) Di-n-butylphthalate	18.41	149	251454	10.838	ng	#	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	171021	8.547	ng		99

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

Quantitation Report (Not Reviewed)

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Data File : BG041871.D
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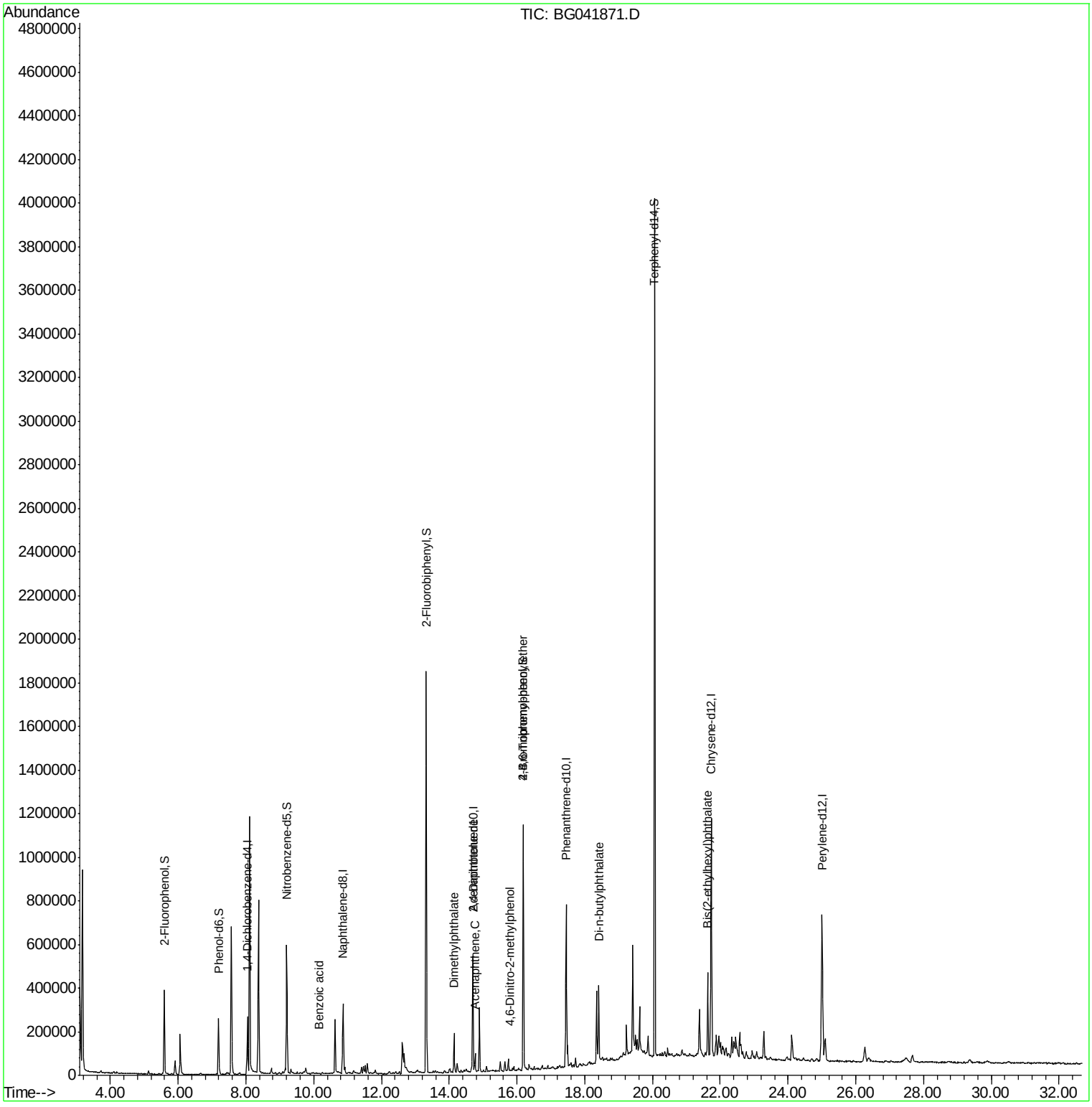
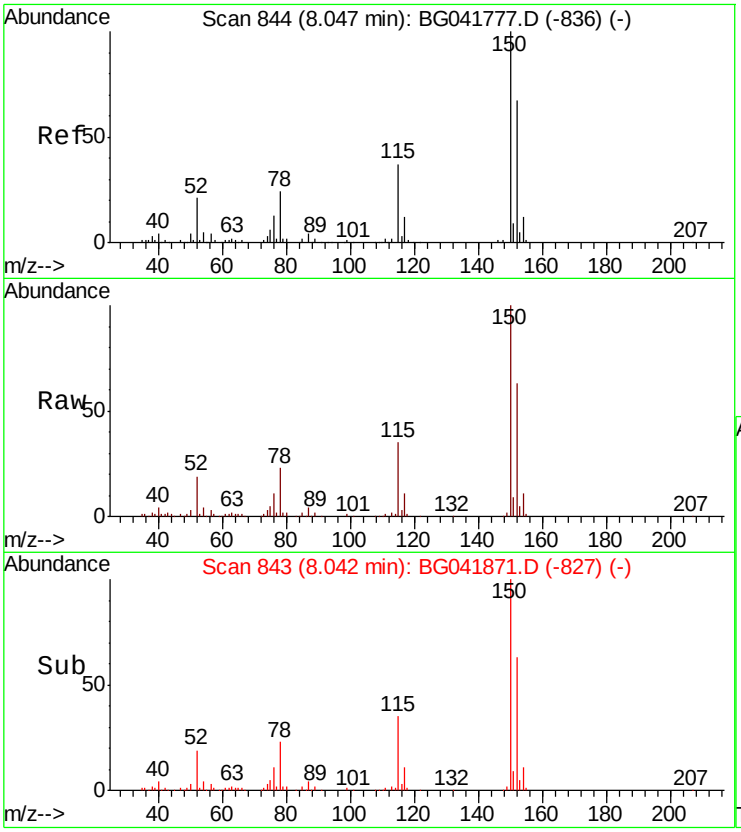
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



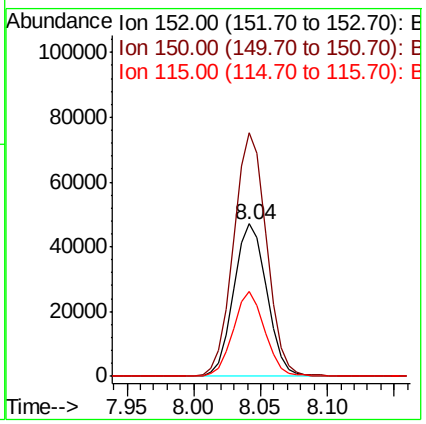


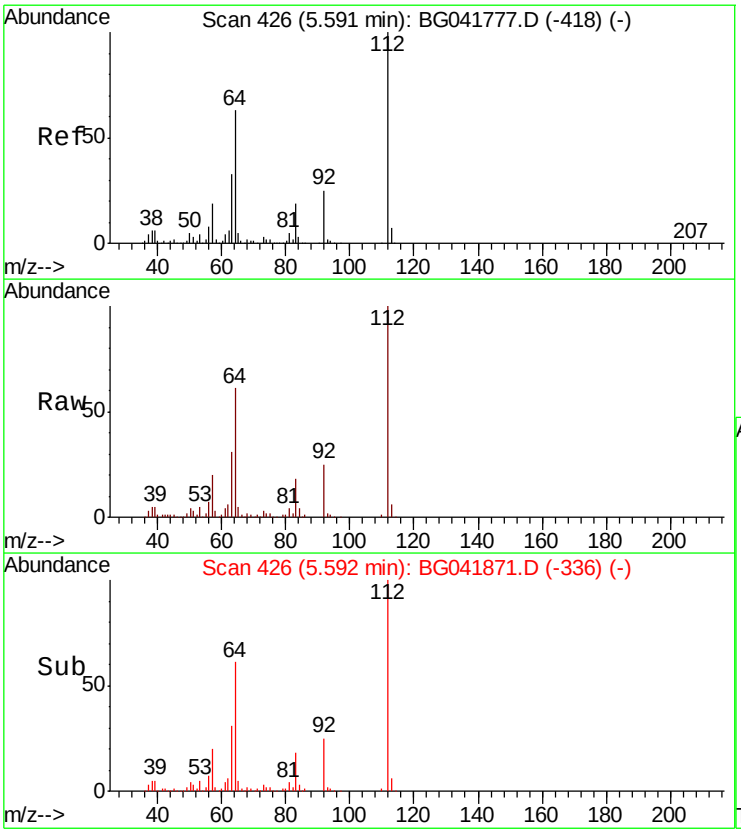
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 80929

Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.9	190.3
115	55.4	45.0	67.6

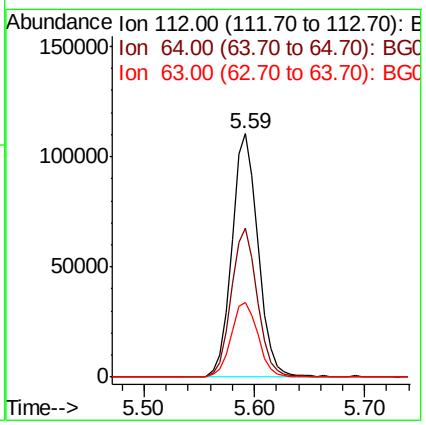


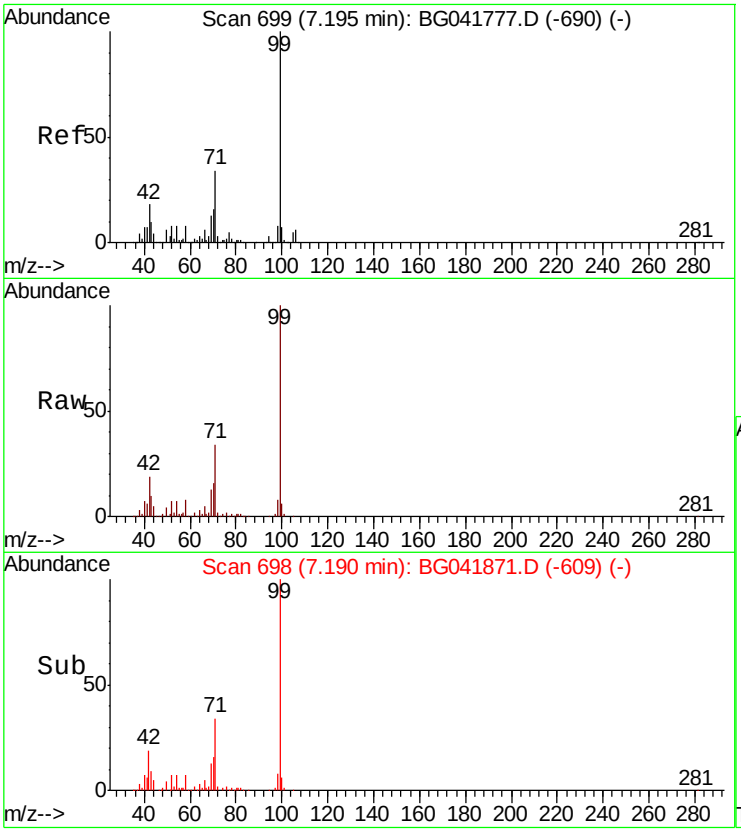


#5
2-Fluorophenol
Concen: 44.204 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:112 Resp: 183869

Ion	Ratio	Lower	Upper
112	100		
64	61.4	55.4	83.2
63	30.9	29.1	43.7



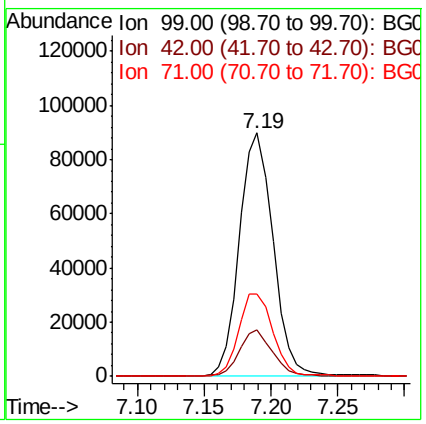


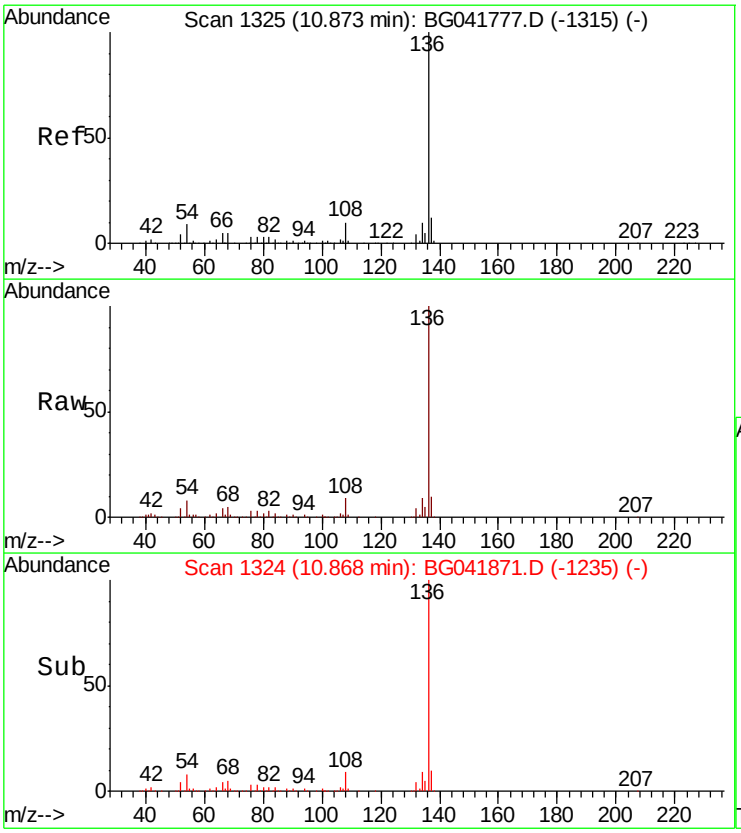
#7
Phenol-d6
Concen: 28.012 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 99 Resp: 157084

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.6	26.4
71	33.9	27.8	41.6

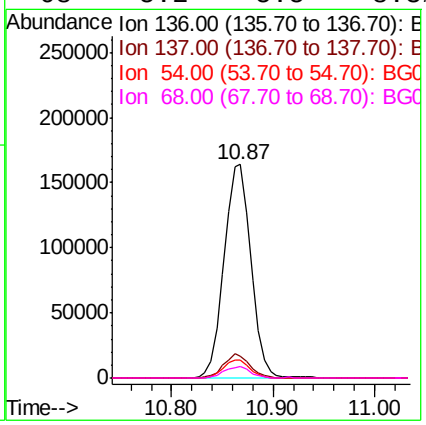


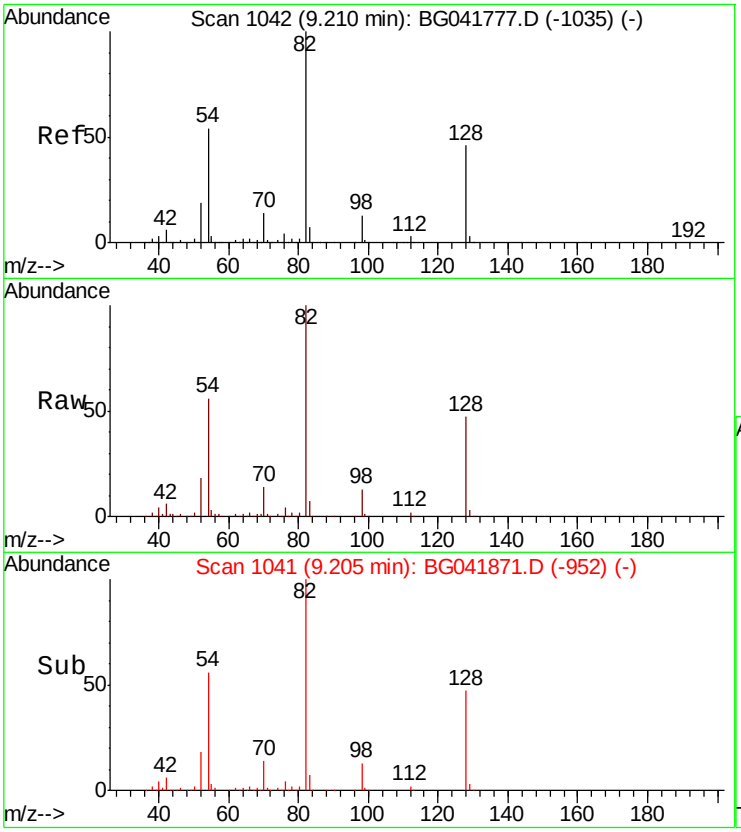


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:136 Resp: 301851

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	8.5	8.7	13.1#
68	5.2	5.5	8.3#



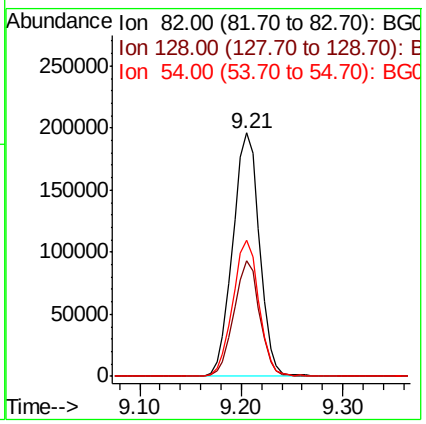


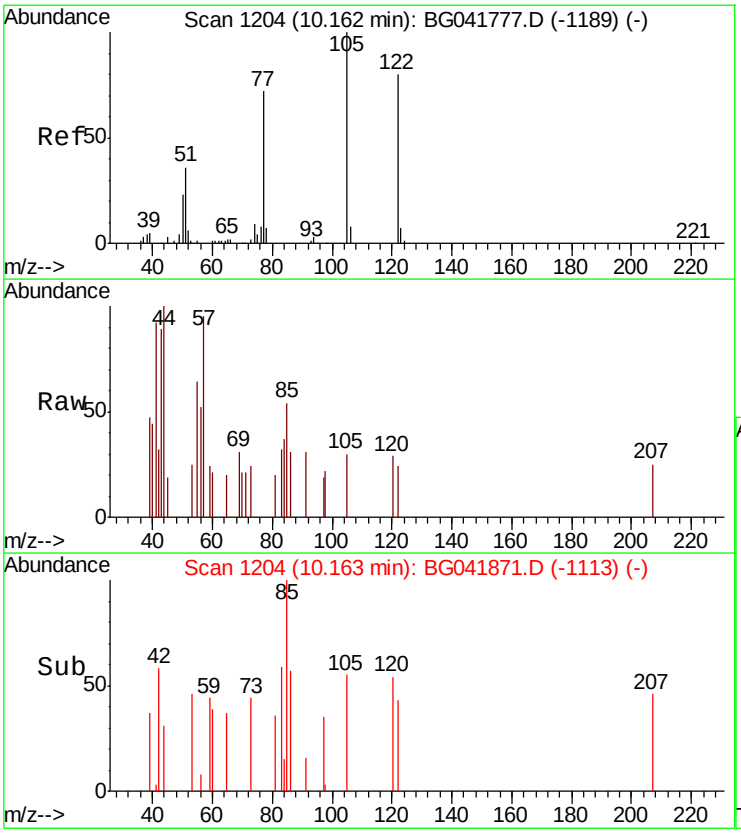
#23
Nitrobenzene-d5
Concen: 81.799 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 82 Resp: 358800

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.1	52.7
54	55.7	48.7	73.1

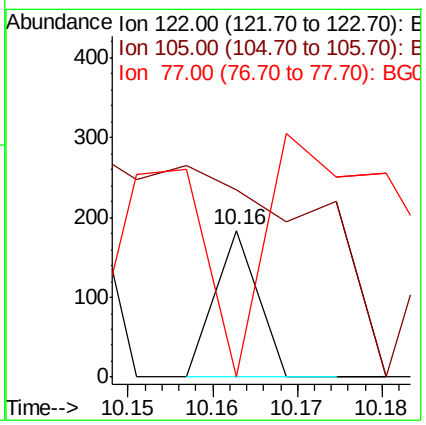


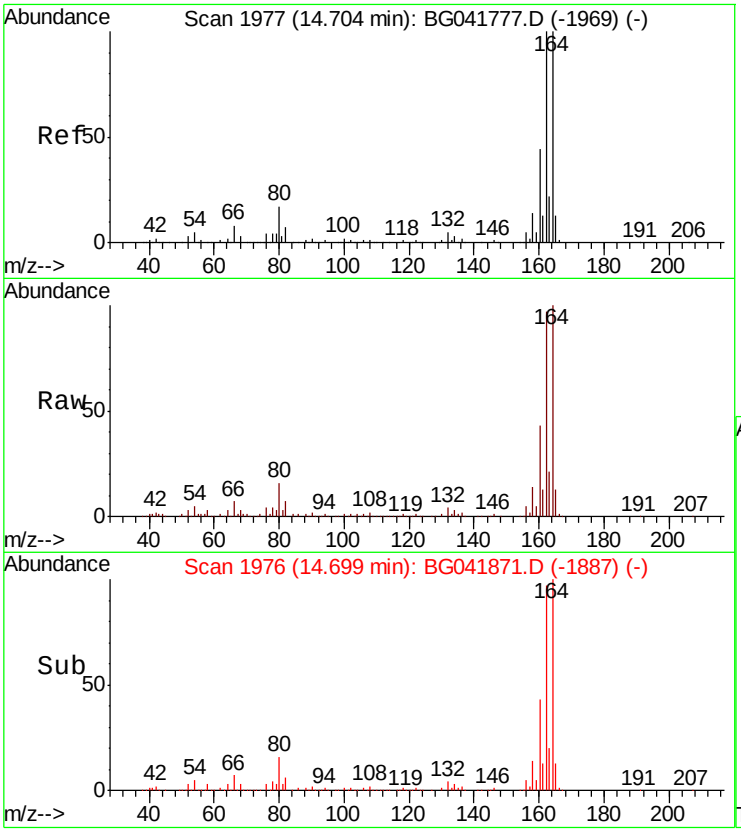


#32
Benzoic acid
Concen: 8.748 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:122 Resp: 65

Ion	Ratio	Lower	Upper
122	100		
105	127.2	101.5	141.5
77	0.0	73.0	113.0#



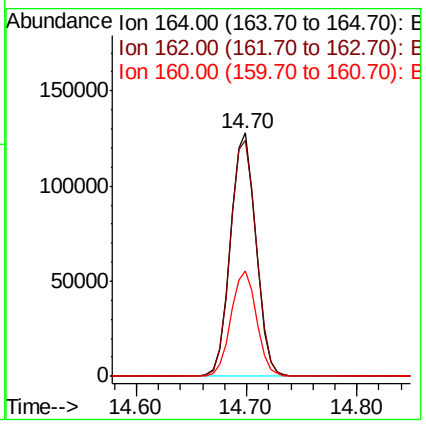


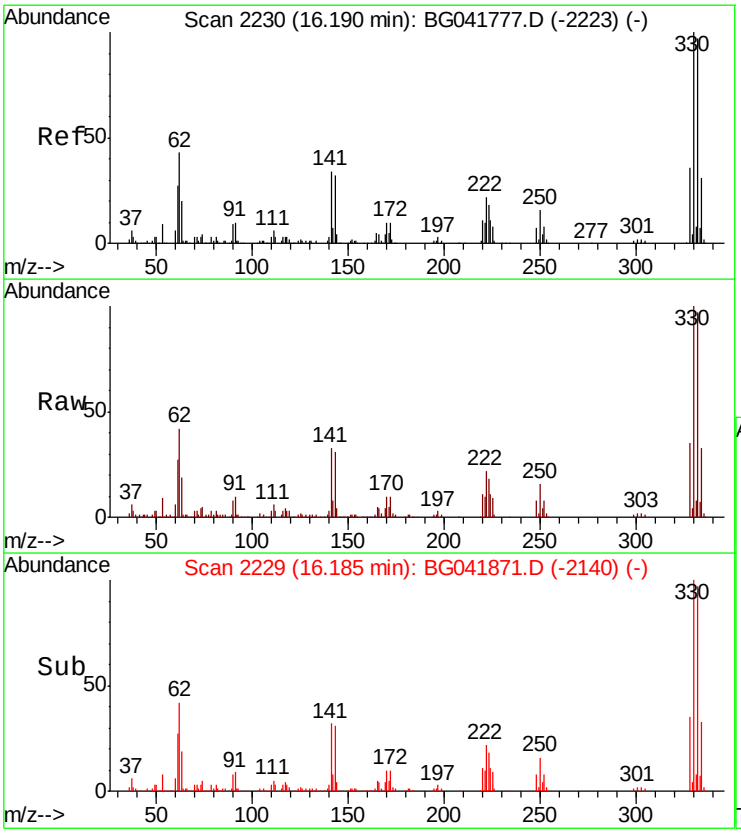
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:164 Resp: 207166

Ion	Ratio	Lower	Upper
164	100		
162	96.7	79.6	119.4
160	43.4	35.4	53.0

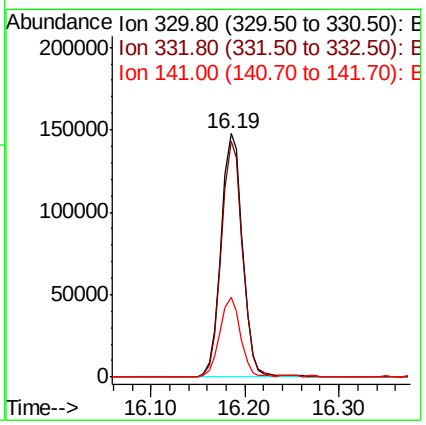


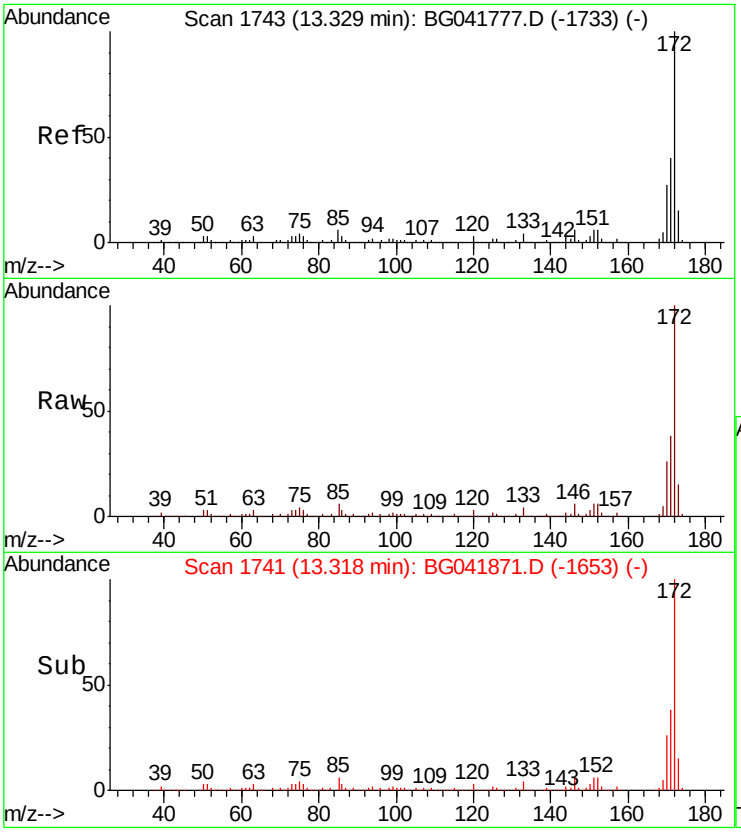


#42
2,4,6-Tribromophenol
Concen: 100.540 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:330 Resp: 236584

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.0
141	31.2	31.9	47.9#



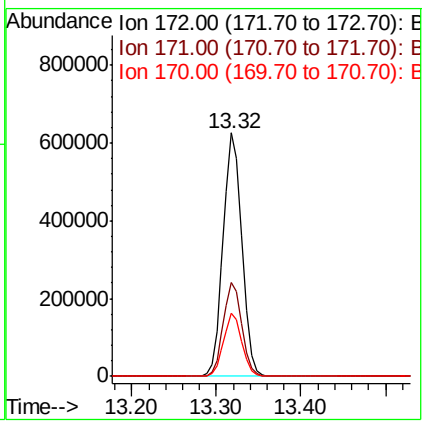


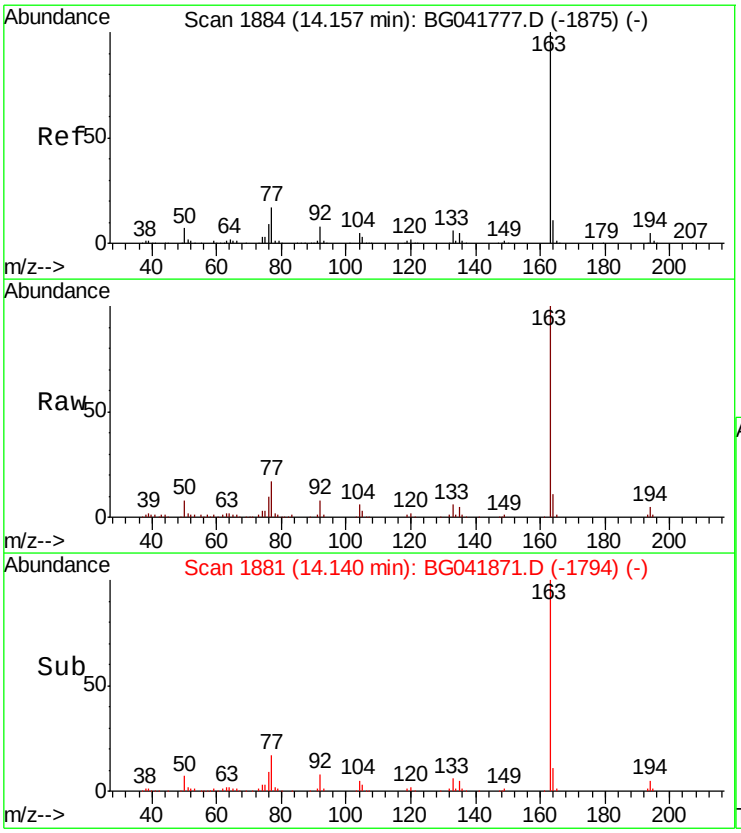
#45
2-Fluorobiphenyl
Concen: 81.504 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:172 Resp: 957344

Ion	Ratio	Lower	Upper
172	100		
171	38.3	35.0	52.4
170	25.9	23.5	35.3

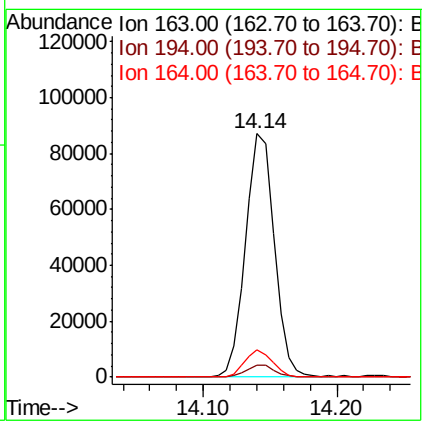


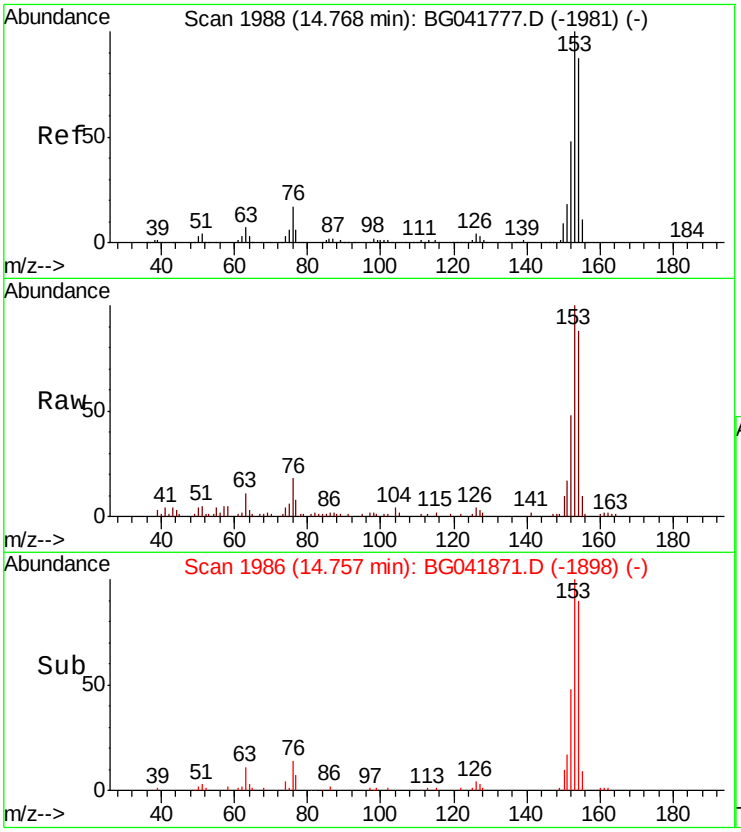


#50
Dimethylphthalate
Concen: 9.135 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:163 Resp: 129252

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	11.2	9.4	14.2



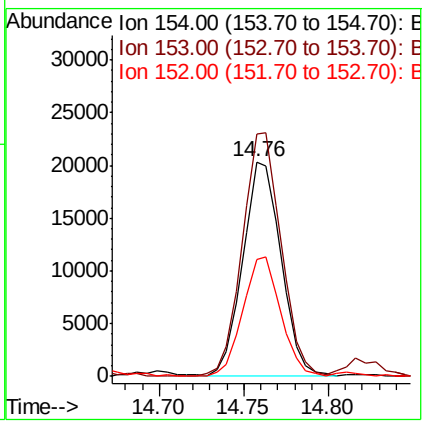


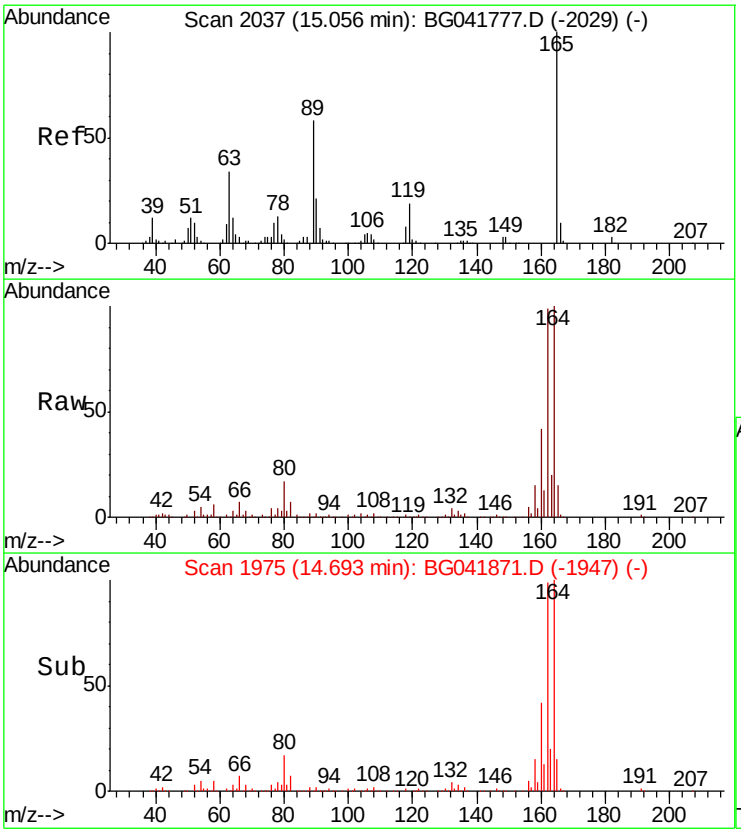
#52
Acenaphthene
Concen: 2.911 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:154 Resp: 32116

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.8	134.6
152	54.7	44.9	67.3

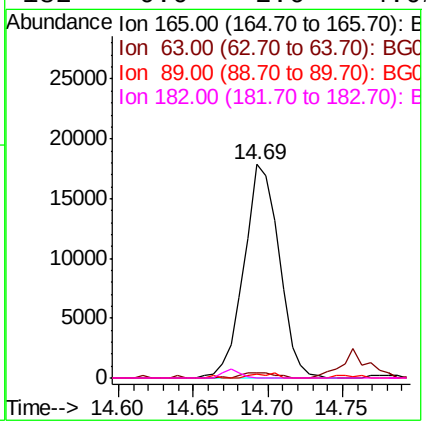


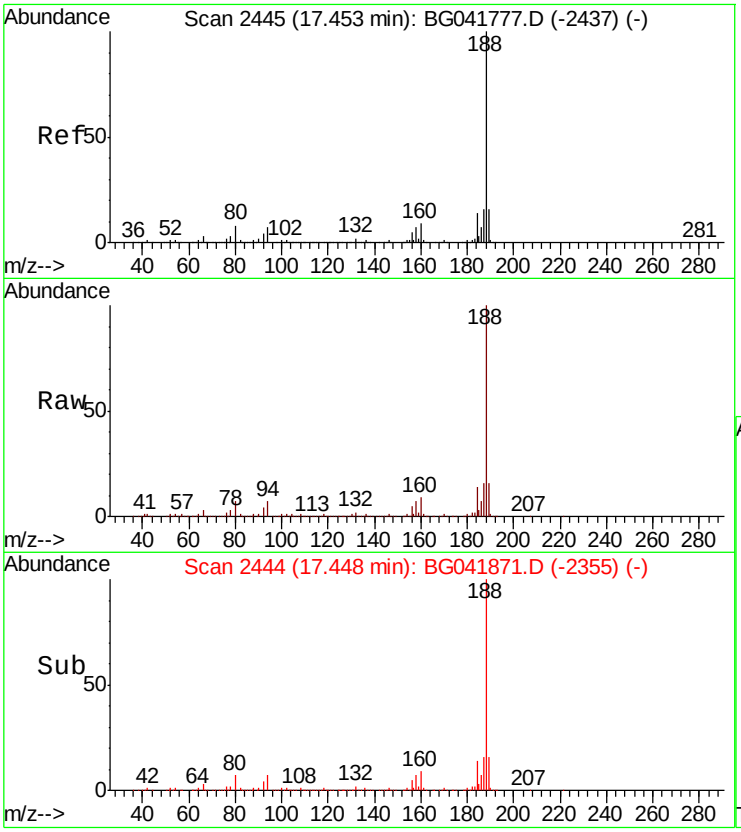


#57
2,4-Dinitrotoluene
Concen: 7.134 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.36 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:165 Resp: 29026

Ion	Ratio	Lower	Upper
165	100		
63	2.3	31.7	47.5#
89	1.6	50.2	75.4#
182	0.0	2.6	4.0#



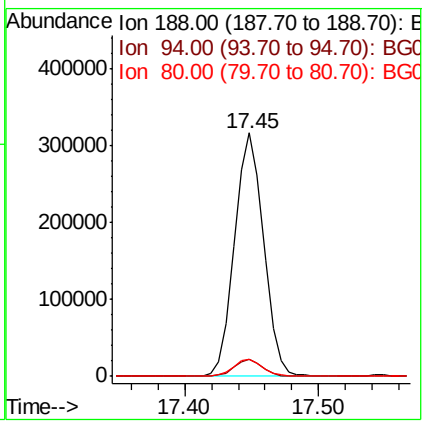


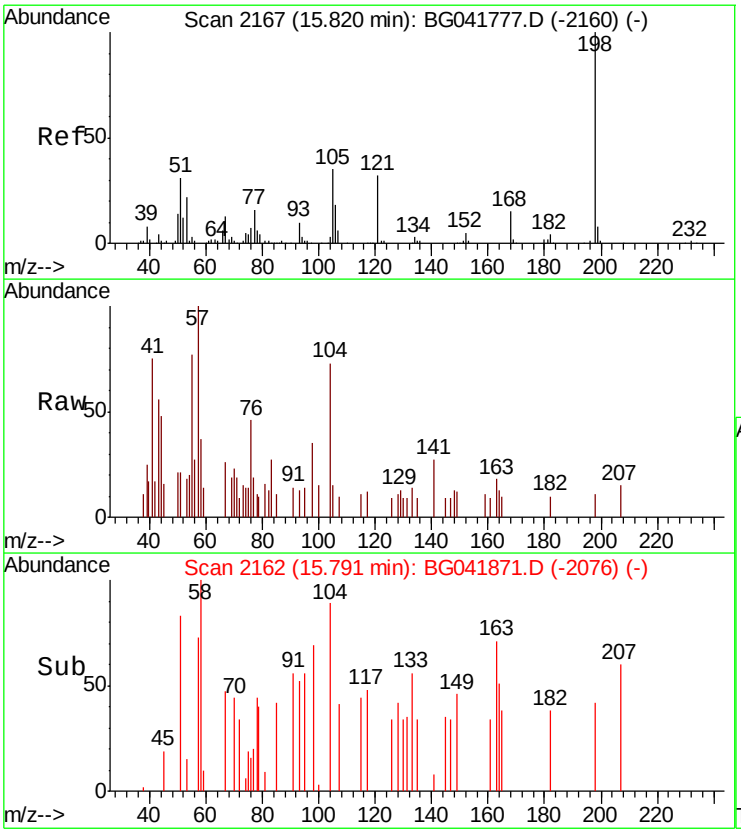
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:188 Resp: 476975

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.2	8.0	12.0#

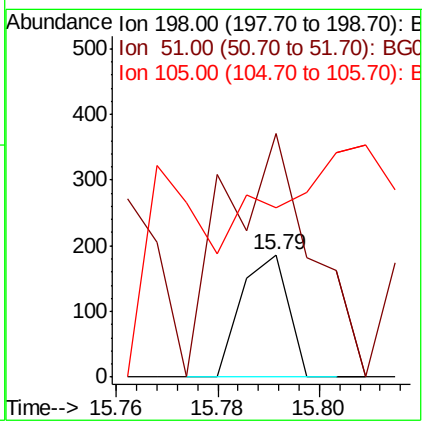


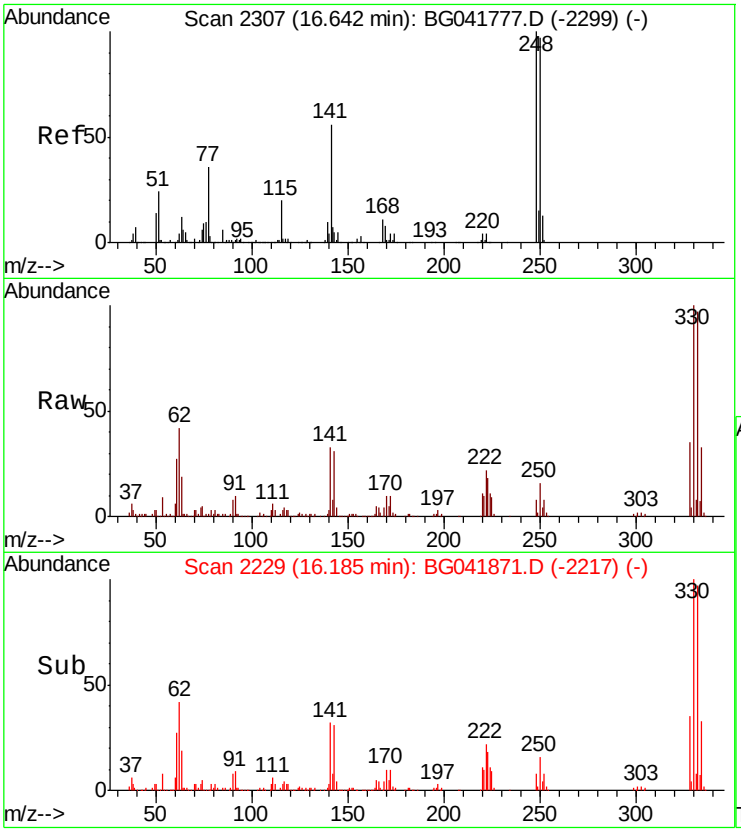


#65
4,6-Dinitro-2-methylphenol
Concen: 6.896 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:198 Resp: 119

Ion	Ratio	Lower	Upper
198	100		
51	199.5	22.3	62.3#
105	138.2	18.0	58.0#



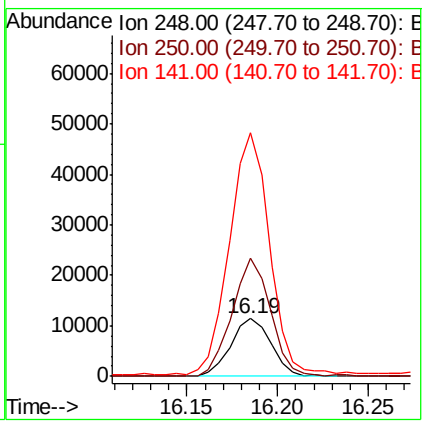


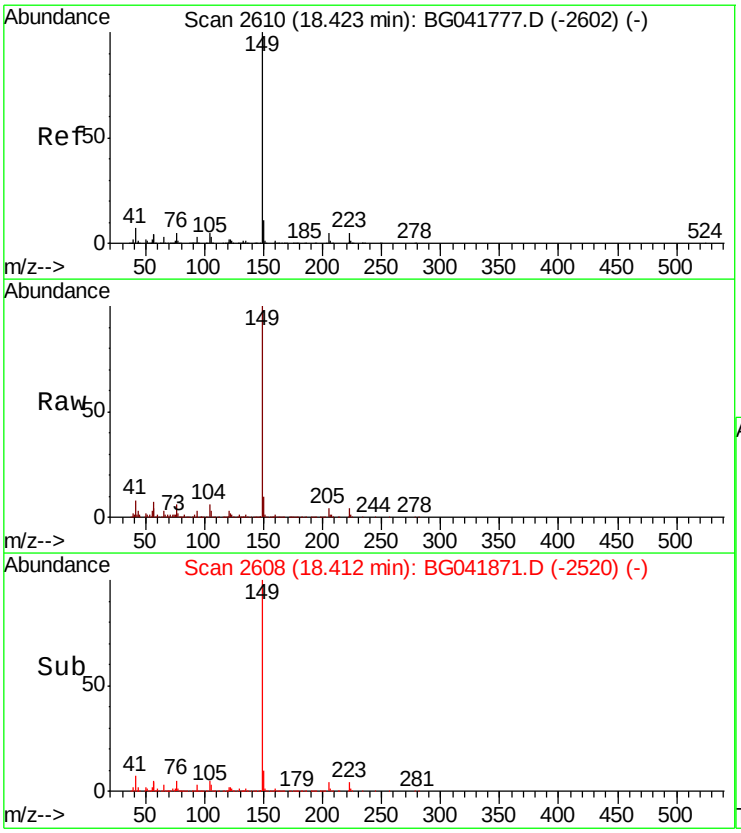
#67
4-Bromophenyl-phenylether
Concen: 2.994 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:248 Resp: 17590

Ion	Ratio	Lower	Upper
248	100		
250	206.2	78.1	117.1#
141	423.4	49.6	74.4#

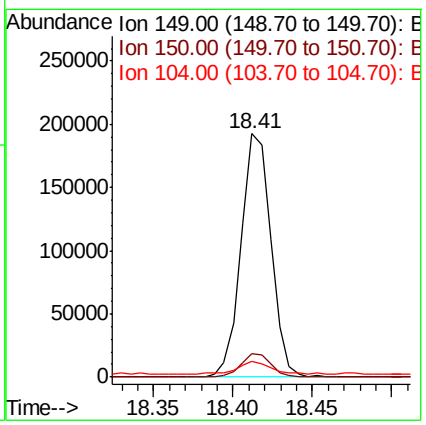


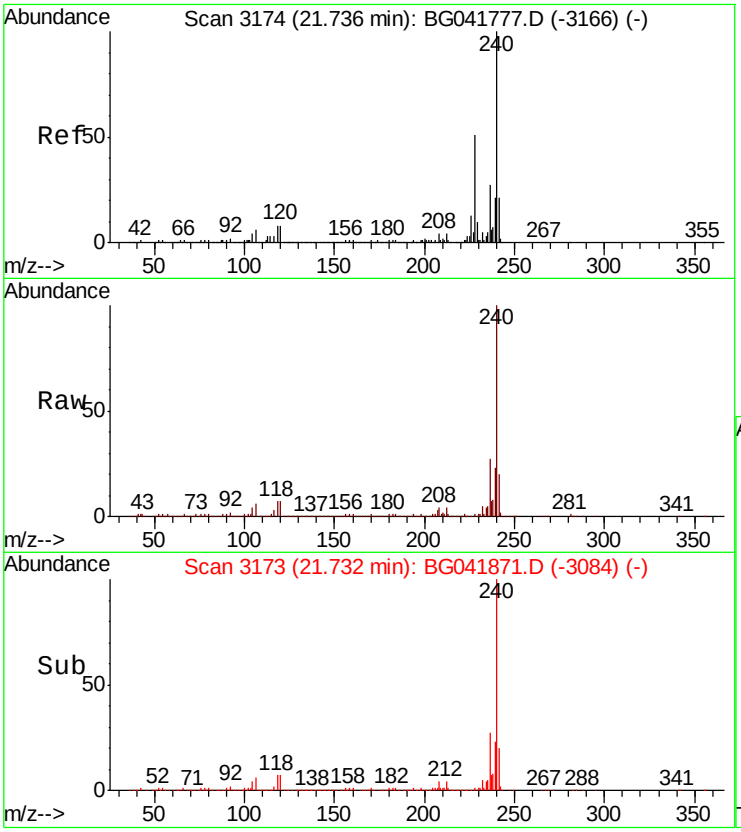


#74
Di-n-butylphthalate
Concen: 10.838 ng
RT: 18.41 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:149 Resp: 251454

Ion	Ratio	Lower	Upper
149	100		
150	9.7	10.2	15.2#
104	6.4	5.3	7.9



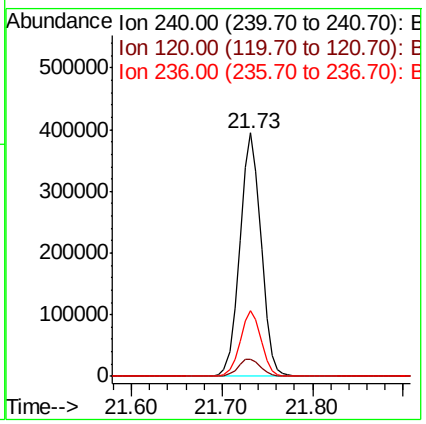


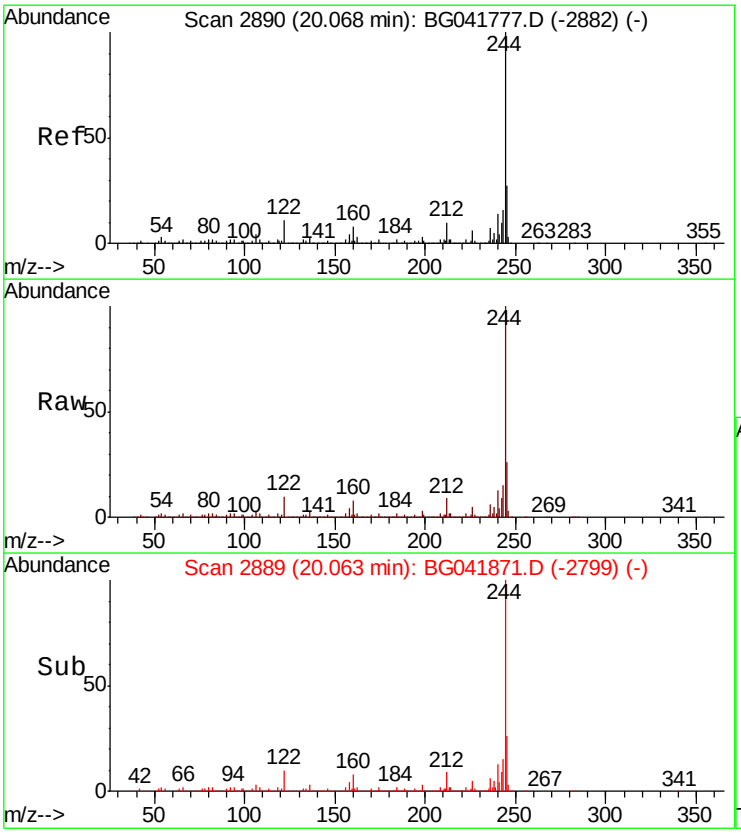
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:240 Resp: 638570

Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.0	12.0#
236	26.9	22.6	33.8

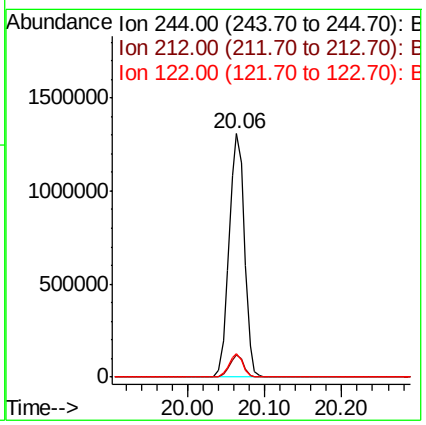


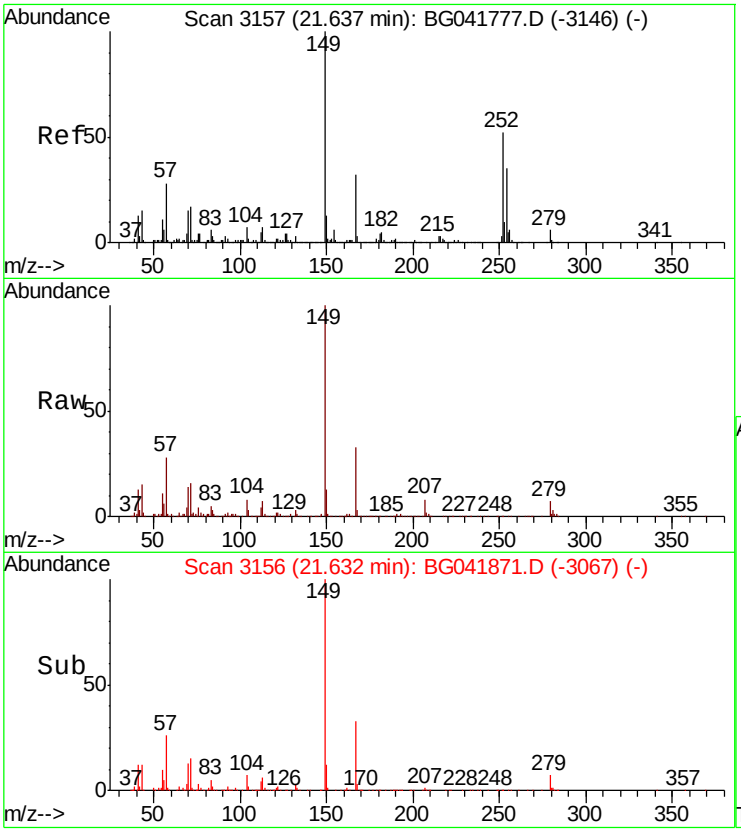


#79
Terphenyl-d14
Concen: 65.661 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:244 Resp: 1832356

Ion	Ratio	Lower	Upper
244	100		
212	9.0	9.7	14.5#
122	9.6	12.5	18.7#



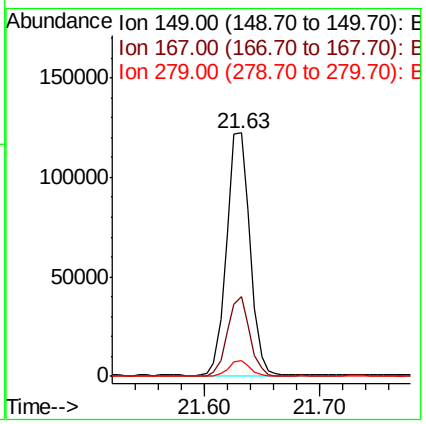


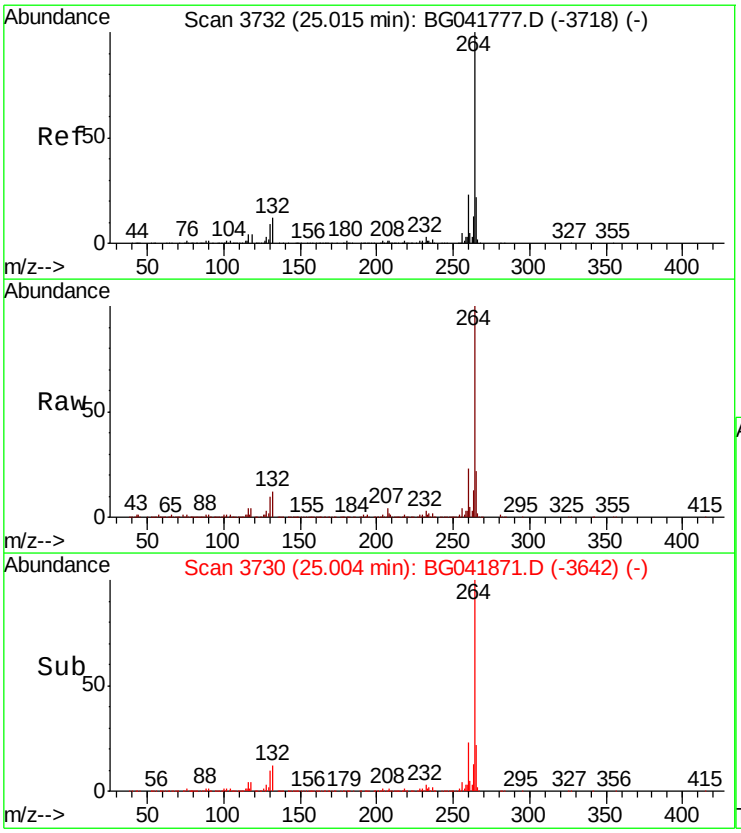
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.547 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:149 Resp: 171021

Ion	Ratio	Lower	Upper
149	100		
167	32.8	27.0	40.4
279	6.6	5.0	7.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion:264 Resp: 767200

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.0	18.0	27.0