Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040525.D
Acq On : 17 Apr 2019 6:16
Operator : JU/SJ
Sample : K2422-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-S

Quant Time: Apr 17 07:00:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	2677	20.00	ng	-0.02
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.88
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.70
64) Phenanthrene-d10	17.83	188	63	20.00	ng	0.38
76) Chrysene-d12	22.08	240	59	20.00	ng	0.35
87) Perylene-d12	25.01	264	58	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	345782	2147.30	ng	-0.02
7) Phenol-d6	7.20	99	406796	1827.91	ng	-0.02
23) Nitrobenzene-d5	9.22	82	373492	0.00	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	154171	0.00	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	844778	0.00	ng	-0.03
79) Terphenyl-d14	20.02	244	1398963	533420.58	ng	-0.03
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.92	42	2410	25.556	ng	# 11
9) Benzaldehyde	7.20	77	723	4.736	ng	# 2
11) bis(2-Chloroethyl)ether	7.57	93	476	2.460	ng	# 1
15) Benzyl Alcohol	8.37	79	5934	33.109	ng	# 41
18) Hexachloroethane	9.14	117	173	2.228	ng	# 28
19) n-Nitroso-di-n-propylamine	9.22	70	47446	297.353	ng	# 75
65) 4,6-Dinitro-2-methylphenol	16.17	198	242	683.723	ng	# 66
66) n-Nitrosodiphenylamine	16.27	169	172	93.298	ng	# 22
70) Pentachlorophenol	17.84	266	56	135.883	ng	# 17
71) Phenanthrene	17.69	178	55	16.609	ng	# 58
72) Anthracene	18.09	178	59	17.801	ng	# 59
74) Di-n-butylphthalate	19.11	149	60	16.137	ng	# 77
75) Fluoranthene	20.02	202	5697	1452.904	ng	97
77) Benzidine	20.02	184	23557	11056.742	ng	# 91
78) Pyrene	20.02	202	5697	1468.331	ng	# 77
80) Butylbenzylphthalate	21.05	149	85	51.197	ng	# 23
81) Benzo(a)anthracene	22.10	228	75	20.638	ng	# 51
82) 3,3'-Dichlorobenzidine	21.97	252	69	49.912	ng	# 26
83) Chrysene	22.12	228	196	56.119	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.93	149	62	26.124	ng	# 50
85) Di-n-octyl phthalate	23.17	149	63	15.580	ng	# 74
88) Benzo(b)fluoranthene	23.88	252	60	16.897	ng	# 60
89) Benzo(k)fluoranthene	23.88	252	60	18.374	ng	# 59
90) Benzo(a)pyrene	24.75	252	56	16.808	ng	# 59

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP1-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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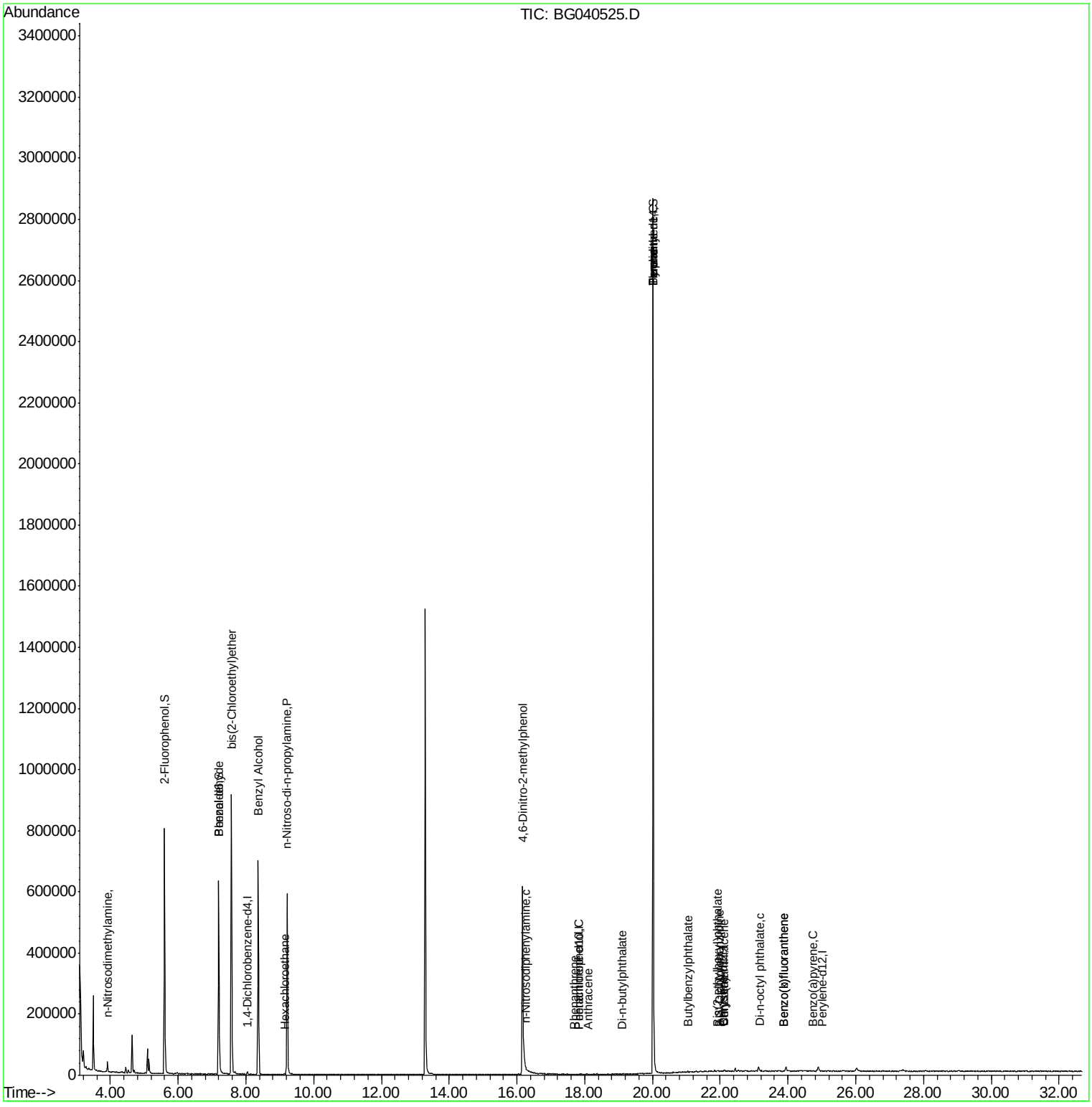
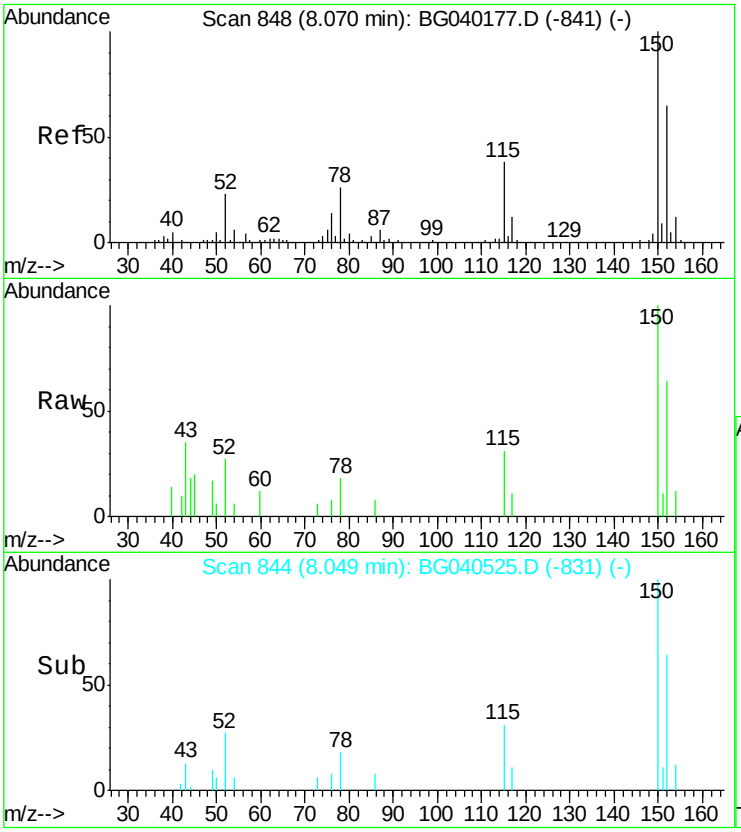


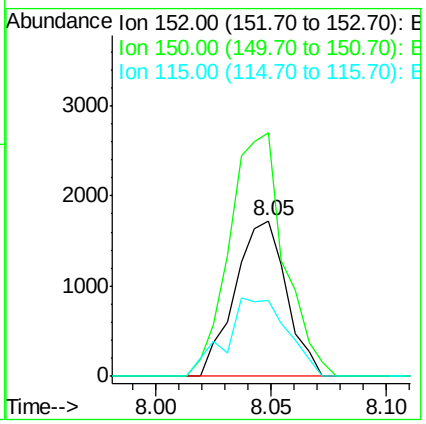


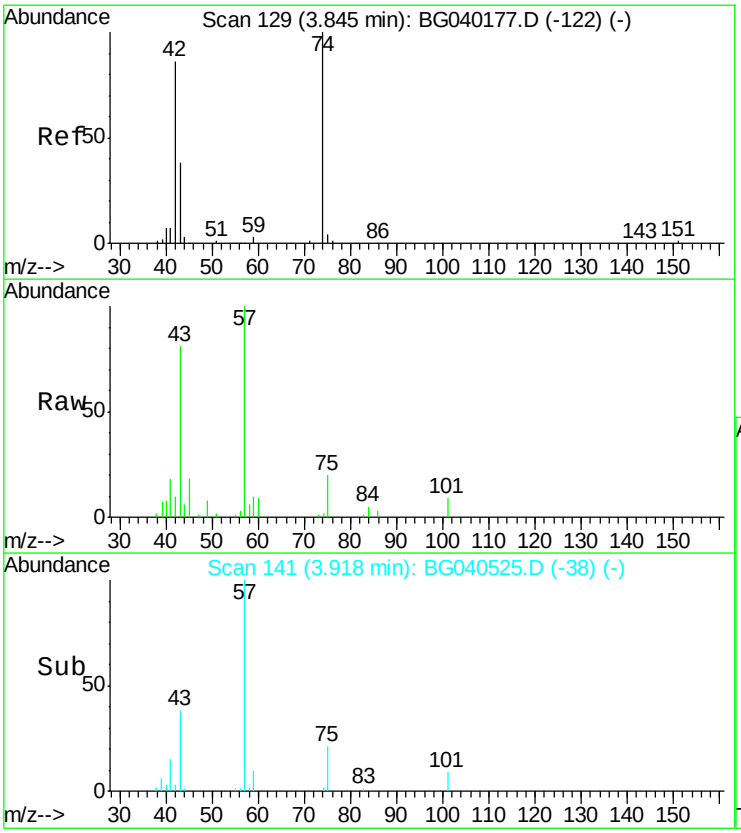
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:152 Resp: 2677

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.7	185.5
115	49.2	46.9	70.3

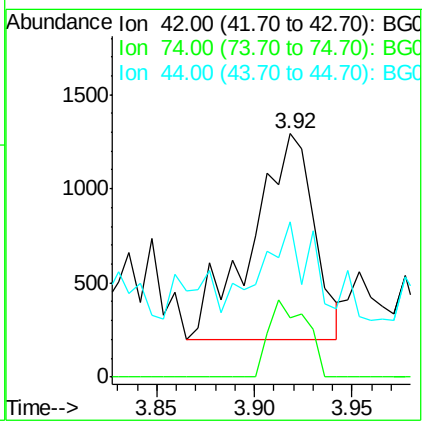


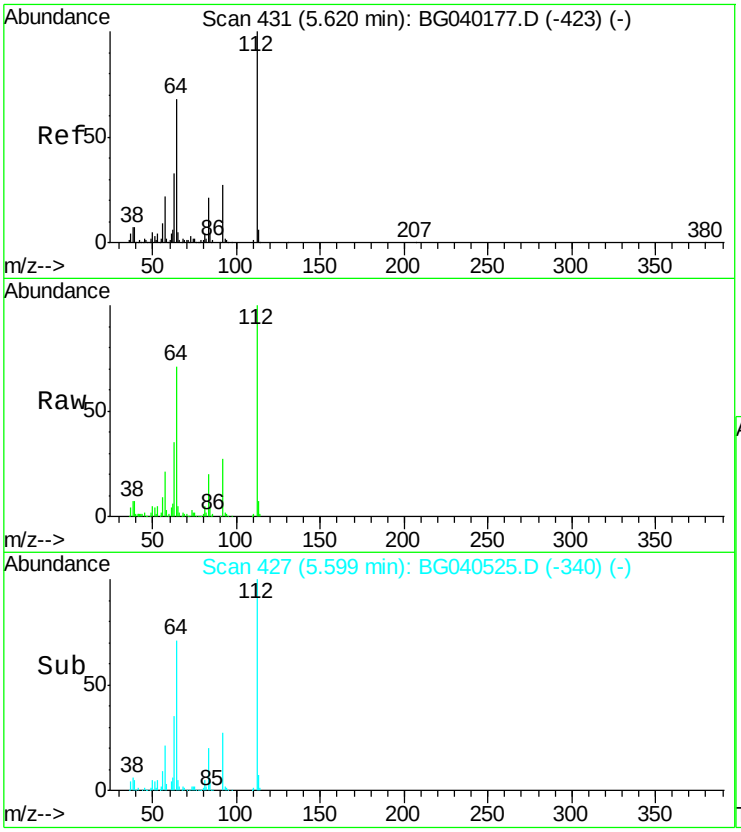


#4
n-Nitrosodimethylamine
Concen: 25.556 ng
RT: 3.92 min Scan# 141
Delta R.T. 0.07 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion: 42 Resp: 2410

Ion	Ratio	Lower	Upper
42	100		
74	24.6	92.9	139.3#
44	63.7	9.7	14.5#



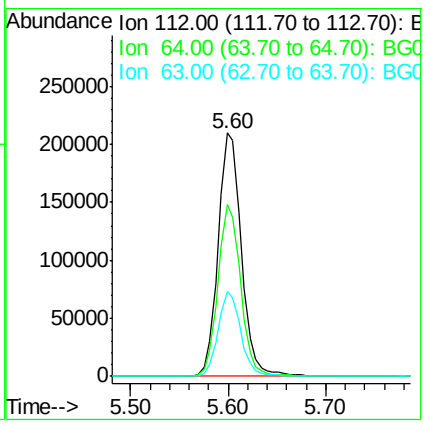


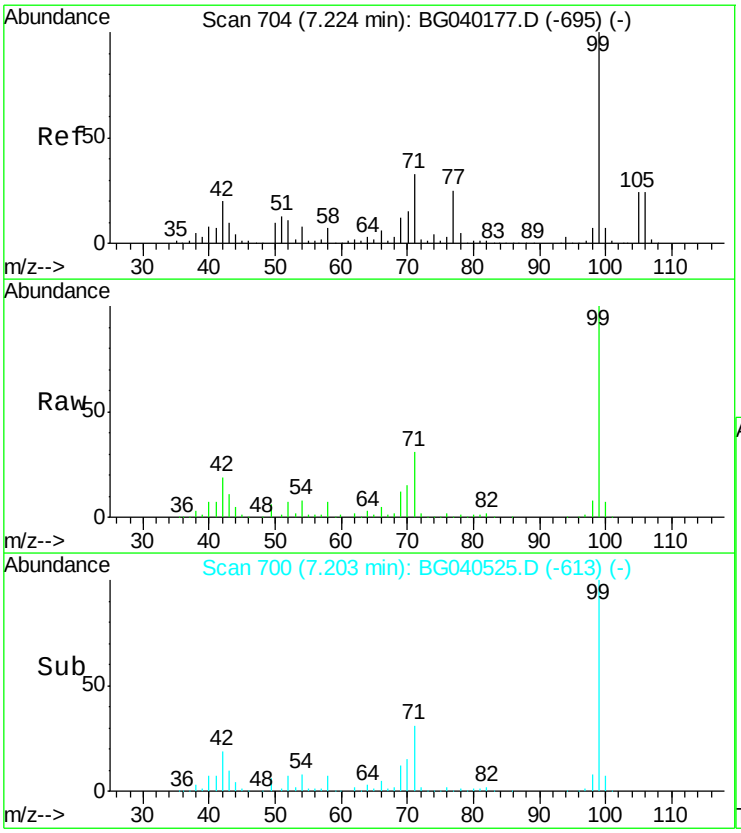
#5
2-Fluorophenol
Concen: 2147.300 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:112 Resp: 345782

Ion	Ratio	Lower	Upper
112	100		
64	70.7	54.2	81.2
63	34.7	26.4	39.6

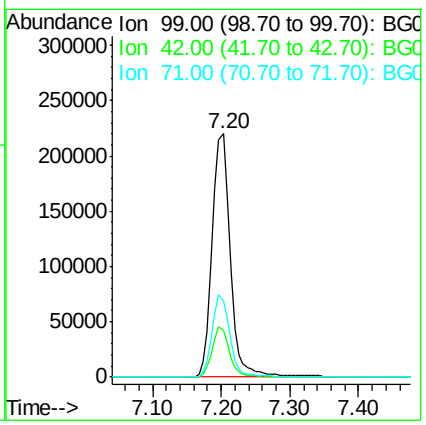


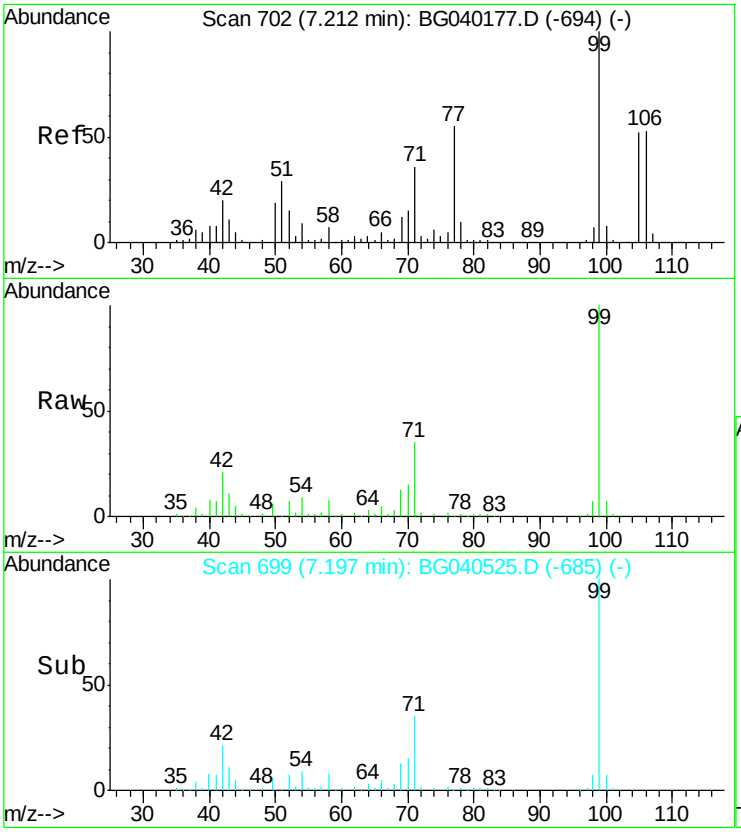


#7
Phenol-d6
Concen: 1827.906 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion: 99 Resp: 406796

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.2
71	31.3	26.8	40.2



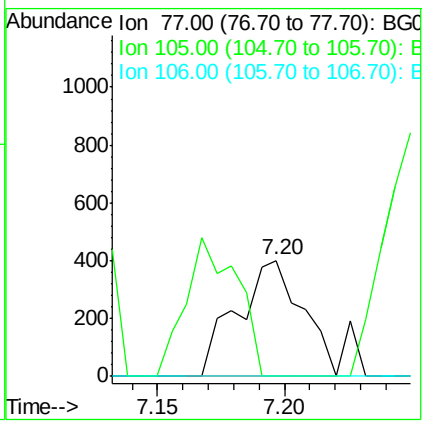


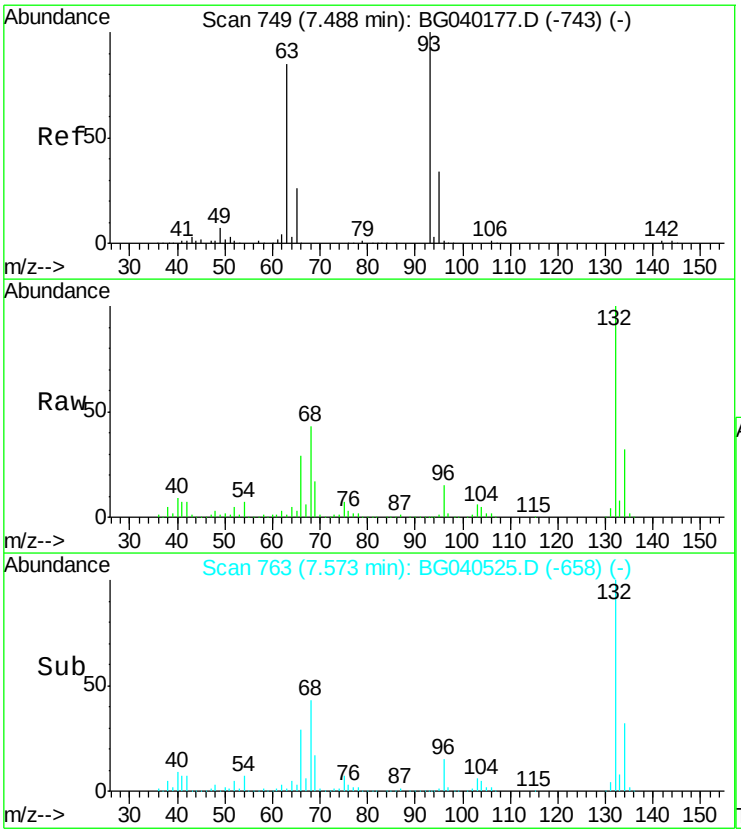
#9
Benzaldehyde
Concen: 4.736 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.02 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion: 77 Resp: 723

Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.0	115.0#
106	0.0	75.7	115.7#

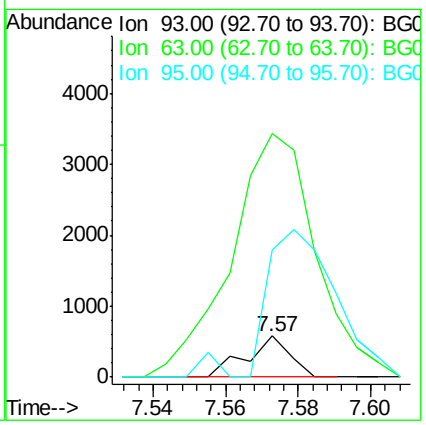


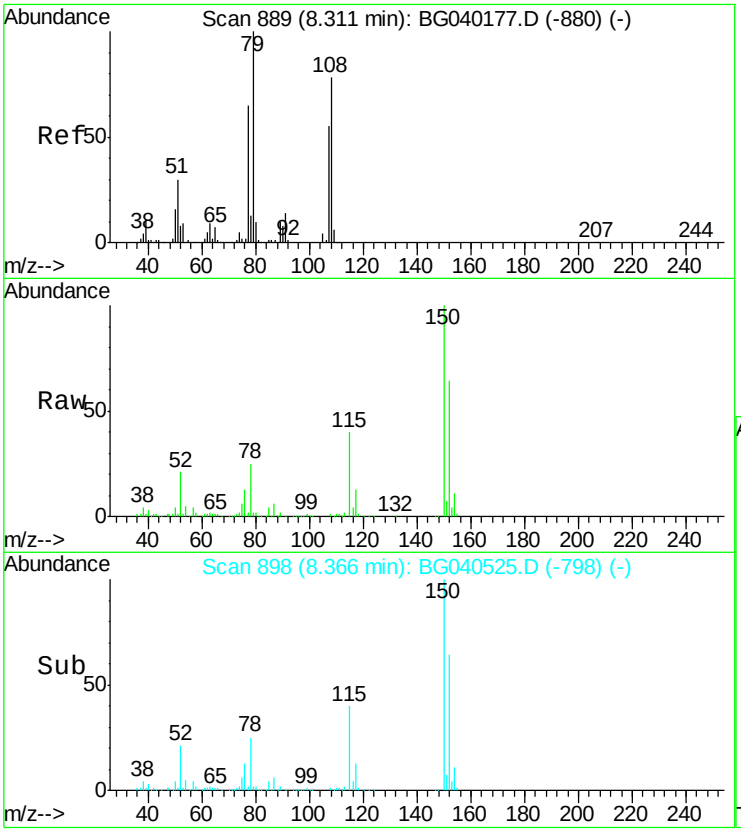


#11
bis(2-Chloroethyl)ether
Concen: 2.460 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.08 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion: 93 Resp: 476

Ion	Ratio	Lower	Upper
93	100		
63	590.9	64.2	104.2#
95	307.7	14.0	54.0#



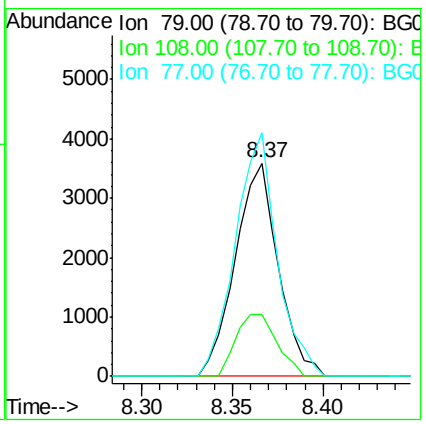


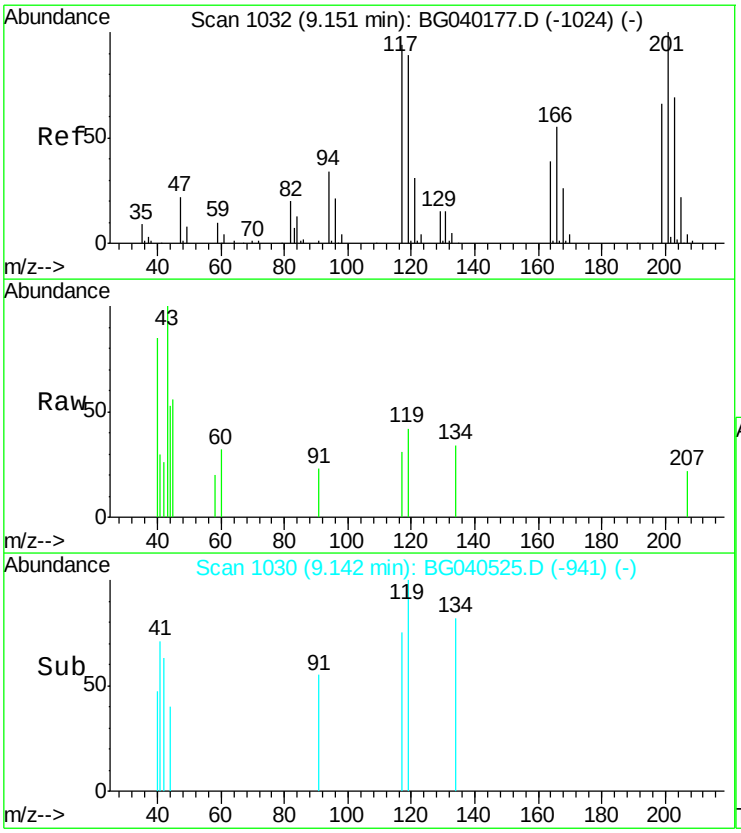
#15
Benzyl Alcohol
Concen: 33.109 ng
RT: 8.37 min Scan# 898
Delta R.T. 0.06 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion: 79 Resp: 5934

Ion	Ratio	Lower	Upper
79	100		
108	29.2	62.1	93.1#
77	114.2	51.9	77.9#

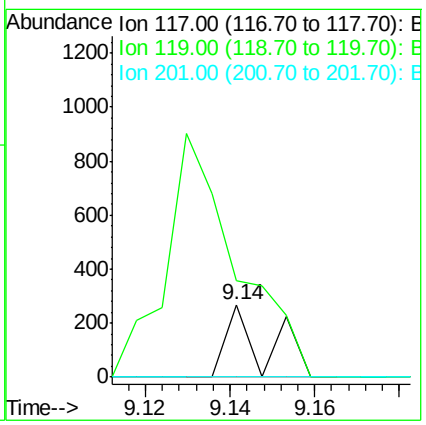


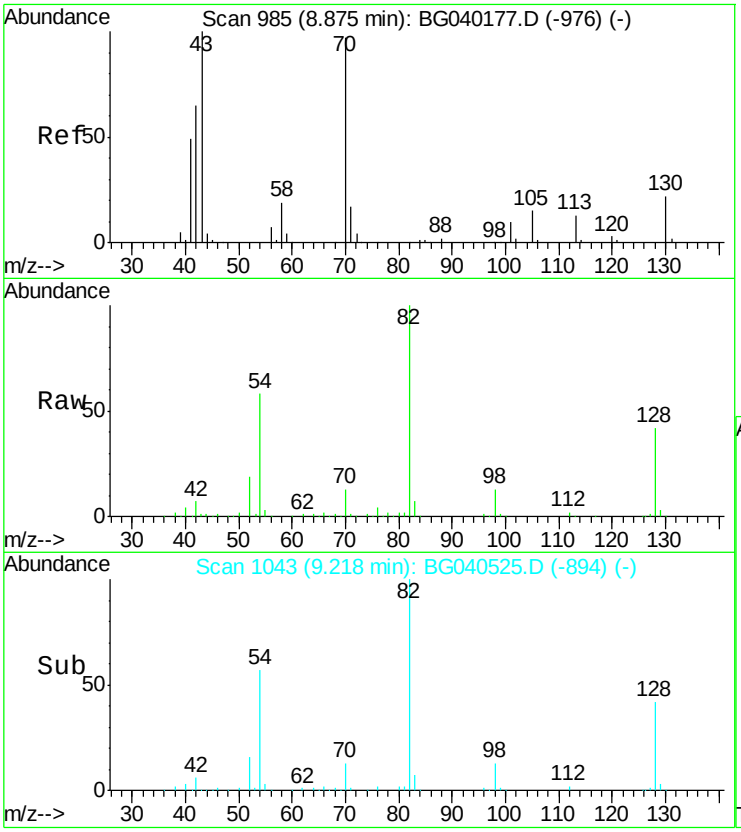


#18
Hexachloroethane
Concen: 2.228 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:117 Resp: 173

Ion	Ratio	Lower	Upper
117	100		
119	132.5	76.6	115.0#
201	0.0	85.0	127.4#



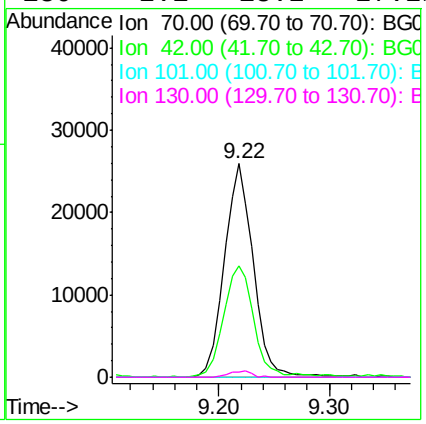


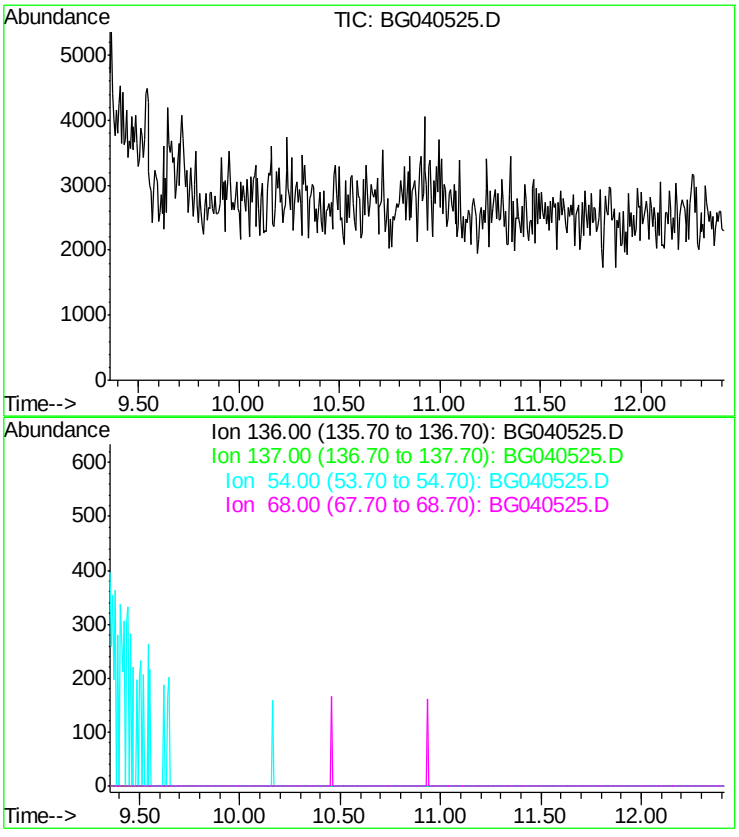
#19
n-Nitroso-di-n-propylamine
Concen: 297.353 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion: 70 Resp: 47446

Ion	Ratio	Lower	Upper
70	100		
42	52.4	54.0	81.0#
101	0.0	8.6	13.0#
130	2.1	18.2	27.2#



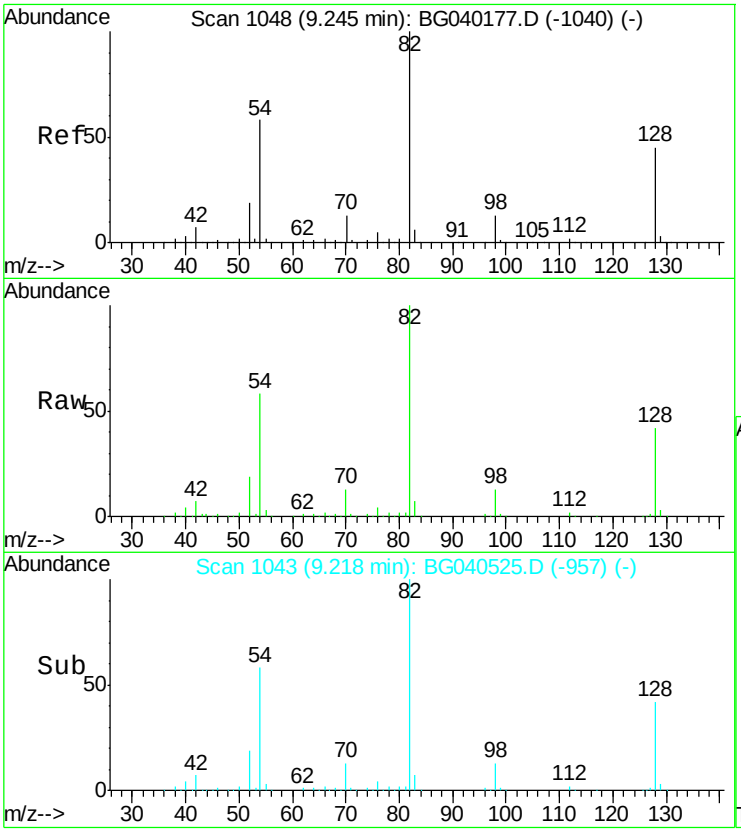


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.88 min

Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.1
54	12.0
68	6.4

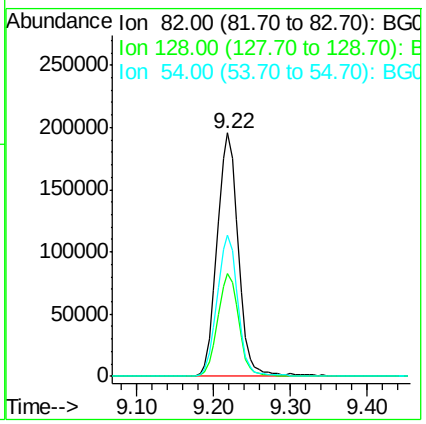


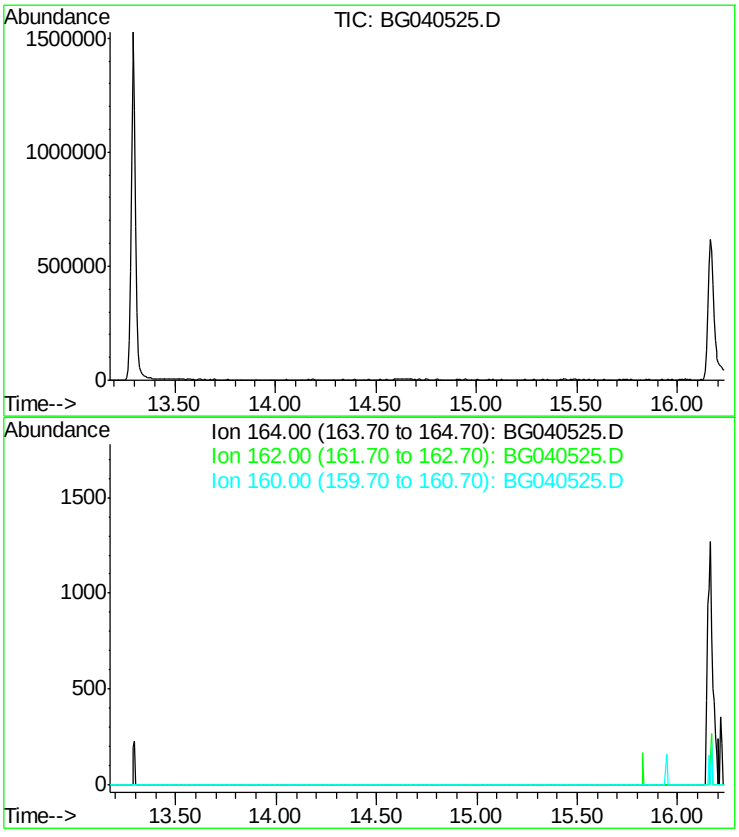
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion: 82 Resp: 373492

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.8	53.8
54	58.3	46.2	69.2



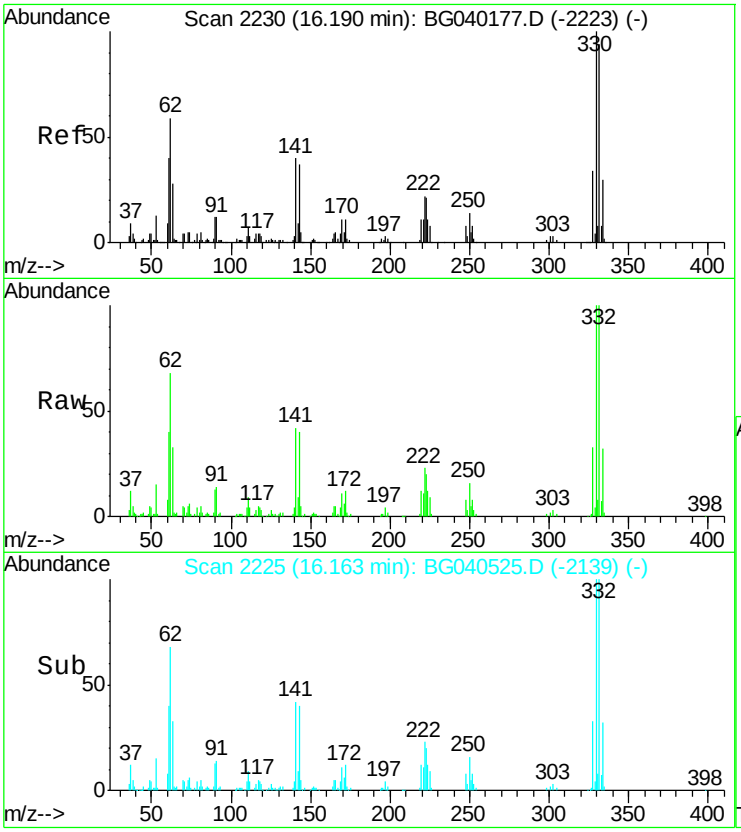


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.70 min

Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	96.8
160	44.1

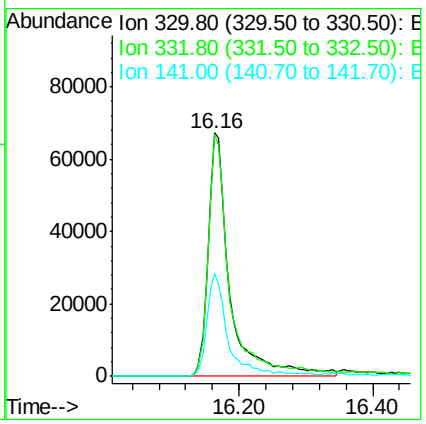


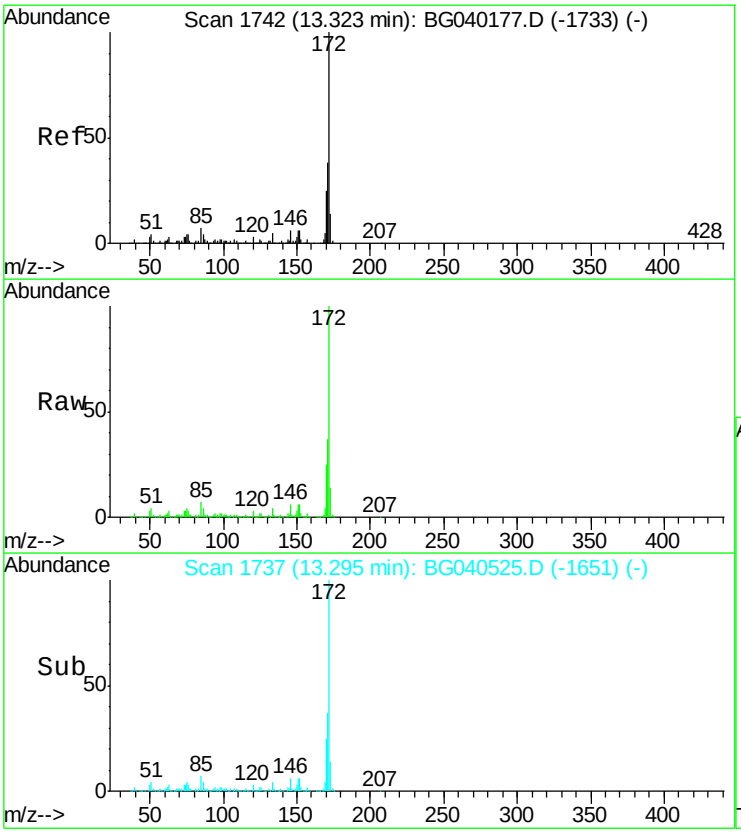
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:330 Resp: 154171

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	40.1	32.6	48.8

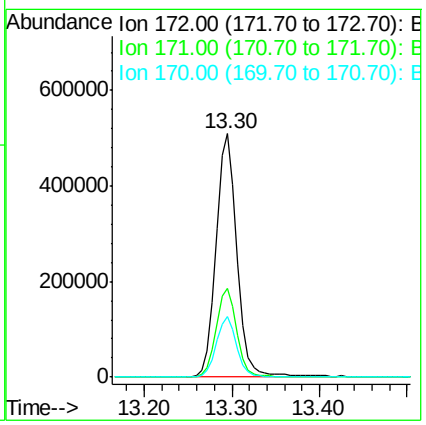


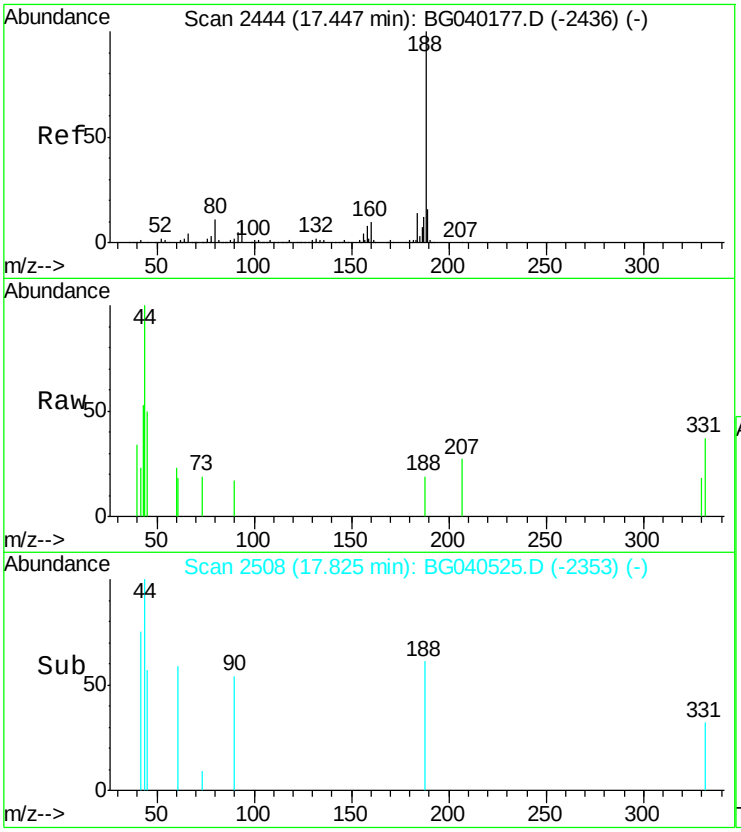


#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:172 Resp: 844778

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.8	20.1	30.1



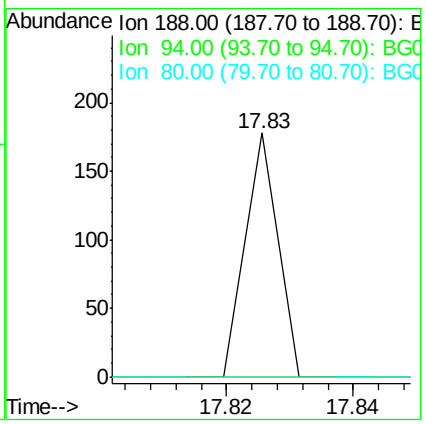


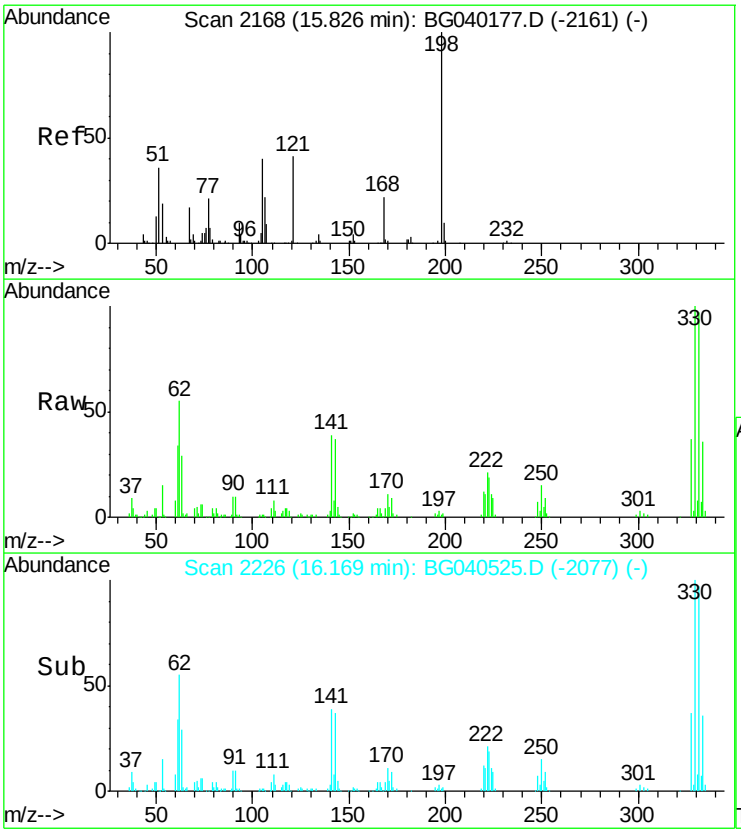
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.83 min Scan# 2508
Delta R.T. 0.38 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:188 Resp: 63

Ion	Ratio	Lower	Upper
188	100		
94	0.0	7.0	10.4#
80	0.0	8.6	13.0#

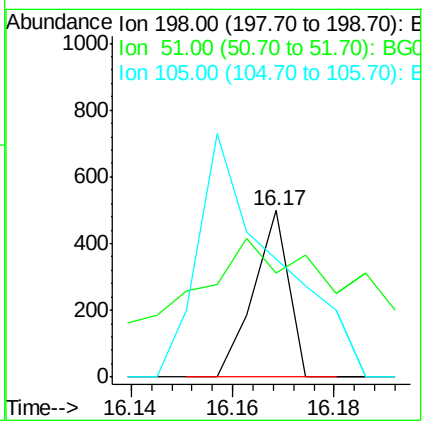


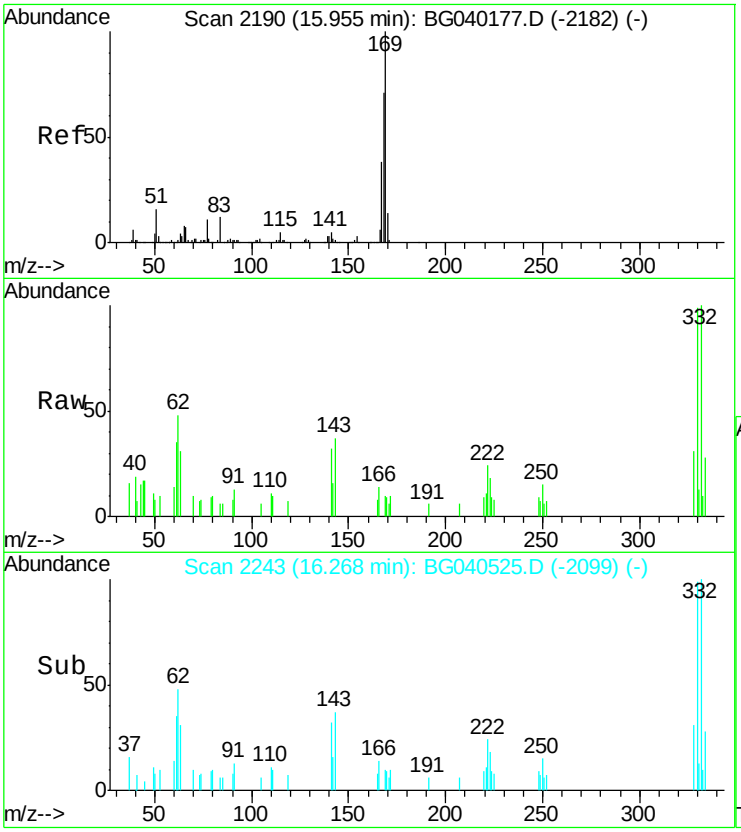


#65
4,6-Dinitro-2-methylphenol
Concen: 683.723 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.34 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:198 Resp: 242

Ion	Ratio	Lower	Upper
198	100		
51	62.9	27.3	67.3
105	71.1	21.7	61.7#



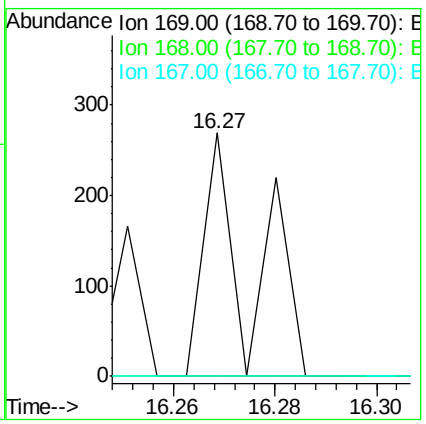


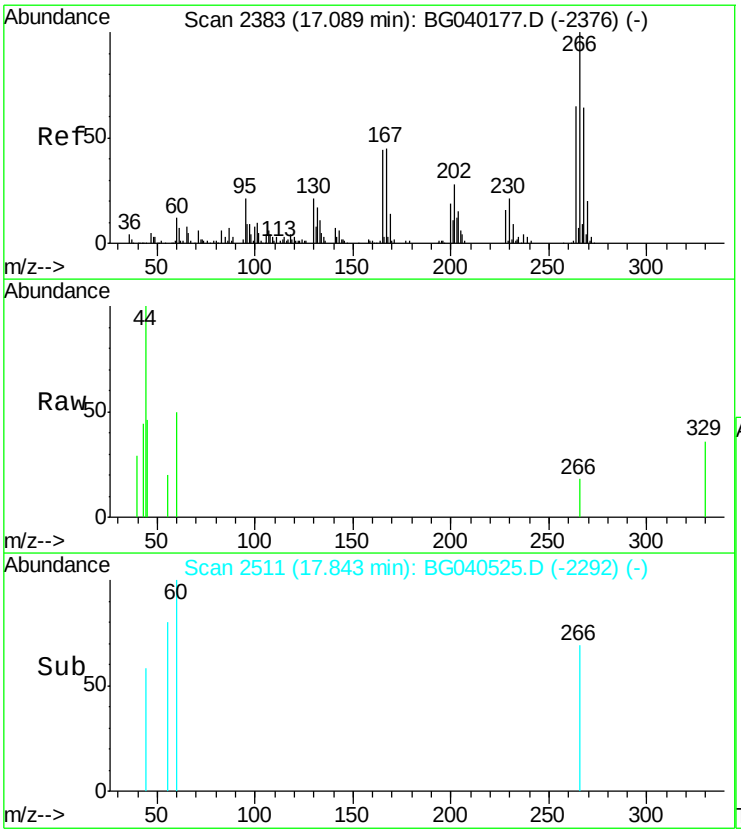
#66
n-Nitrosodiphenylamine
Concen: 93.298 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.31 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:169 Resp: 172

Ion	Ratio	Lower	Upper
169	100		
168	0.0	56.8	85.2#
167	0.0	30.2	45.4#

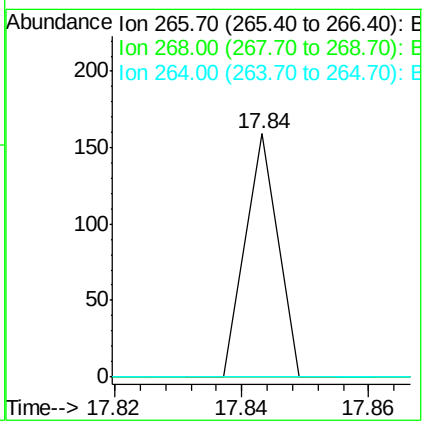


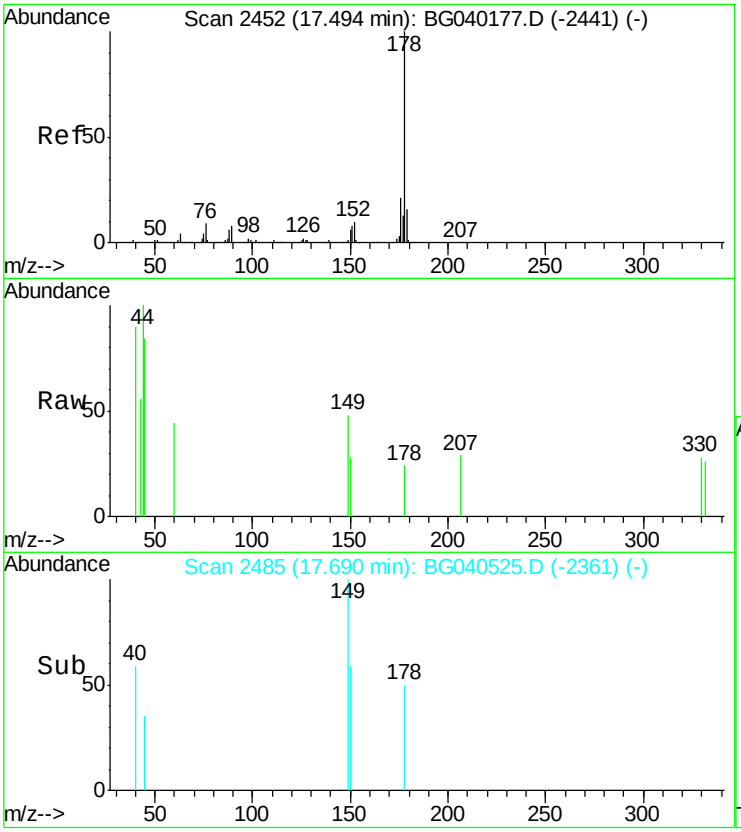


#70
Pentachlorophenol
Concen: 135.883 ng
RT: 17.84 min Scan# 2511
Delta R.T. 0.75 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:266 Resp: 56

Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.0	82.4#
264	0.0	51.8	77.8#



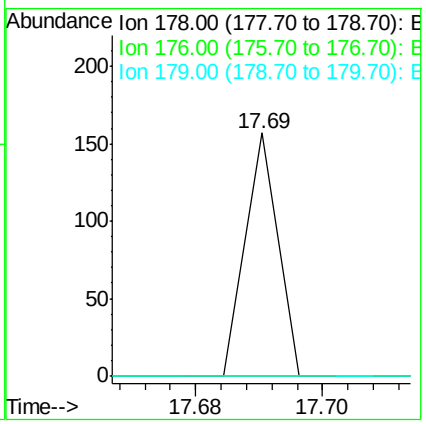


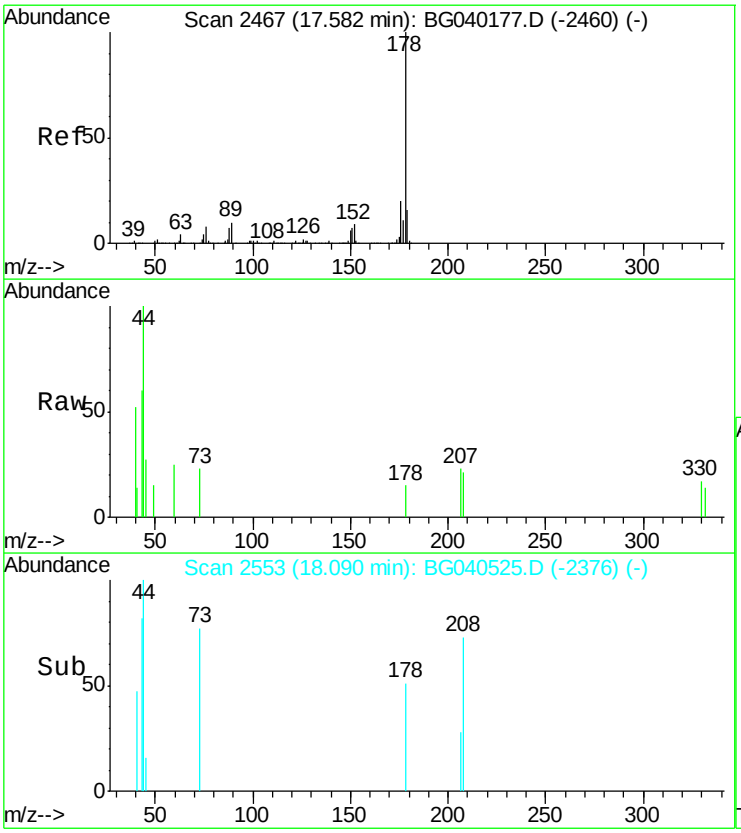
#71
Phenanthrene
Concen: 16.609 ng
RT: 17.69 min Scan# 2485
Delta R.T. 0.20 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:178 Resp: 55

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.7	25.1#
179	0.0	12.8	19.2#

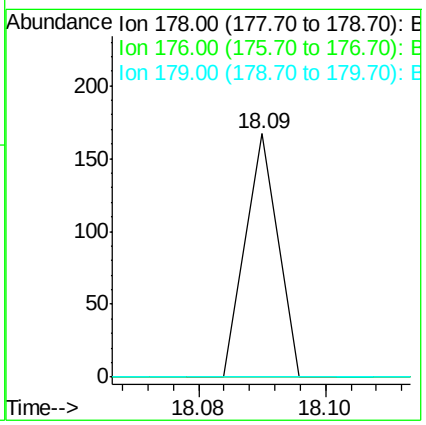


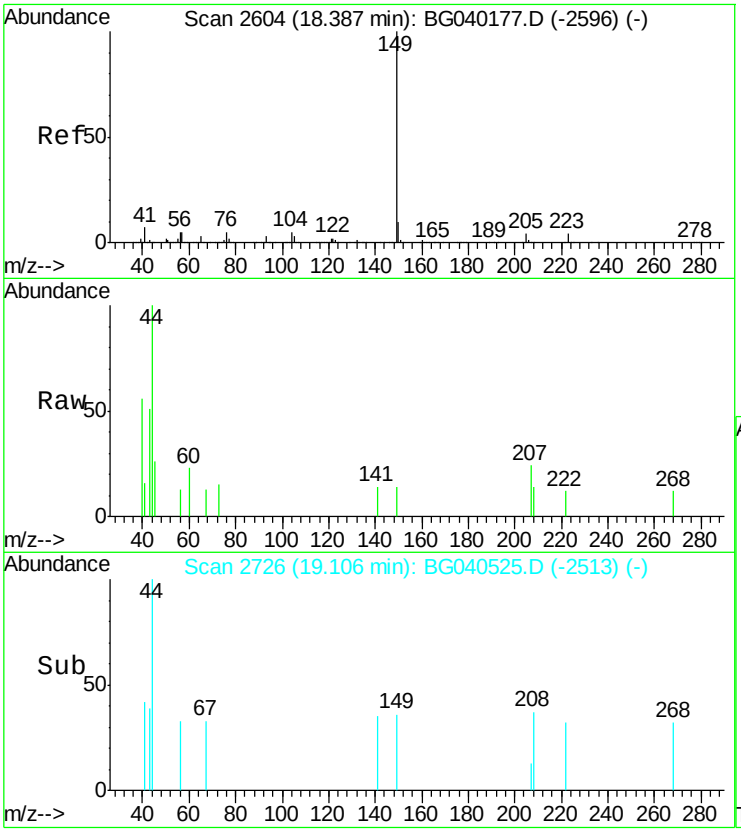


#72
Anthracene
Concen: 17.801 ng
RT: 18.09 min Scan# 2553
Delta R.T. 0.51 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:178 Resp: 59

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	0.0	12.9	19.3#



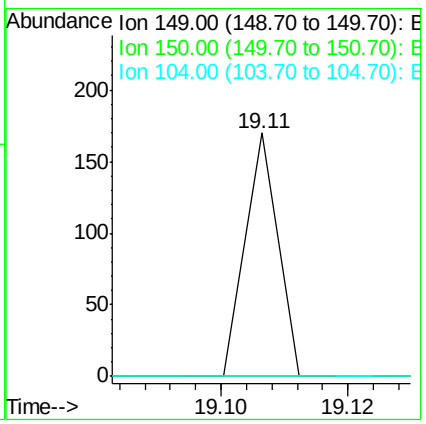


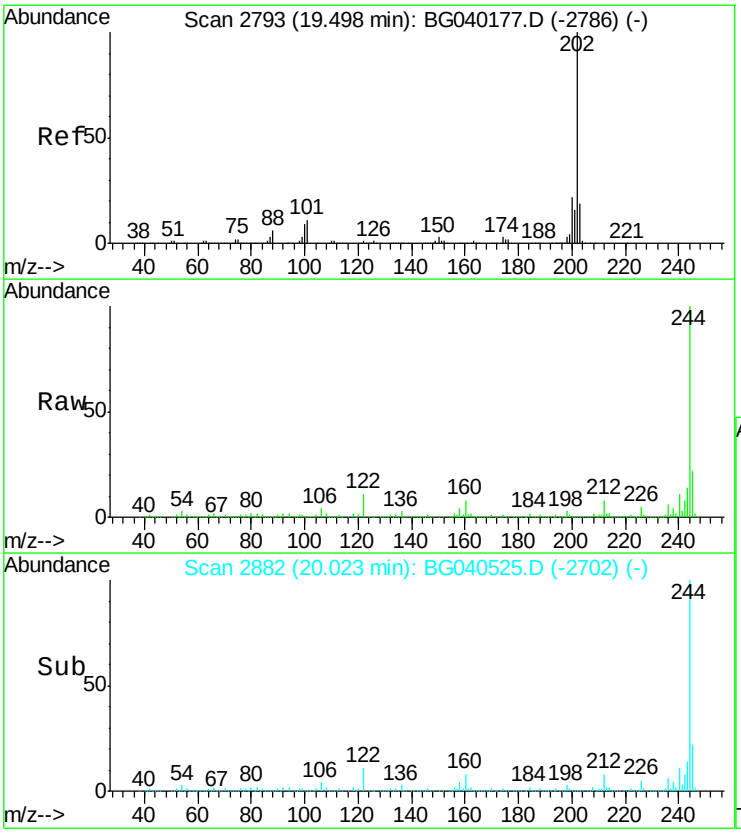
#74
Di-n-butylphthalate
Concen: 16.137 ng
RT: 19.11 min Scan# 2726
Delta R.T. 0.72 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:149 Resp: 60

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.9	11.9#
104	0.0	4.1	6.1#

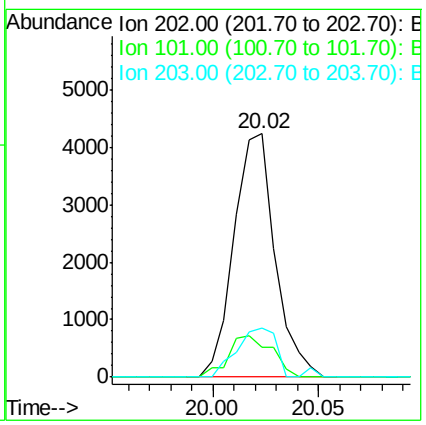


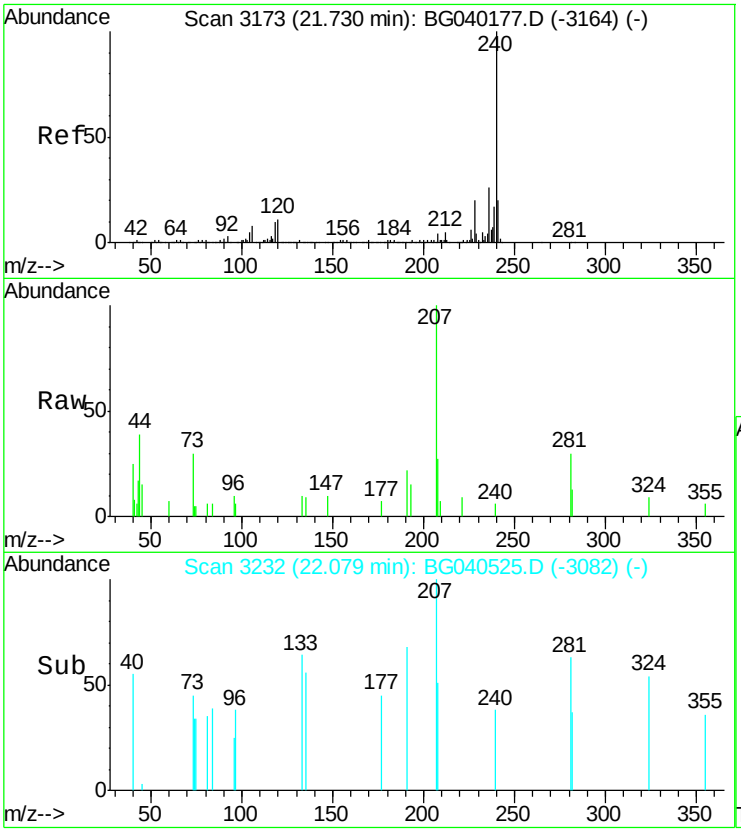


#75
Fluoranthene
Concen: 1452.904 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.53 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:202 Resp: 5697

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.8
203	19.9	0.0	38.9



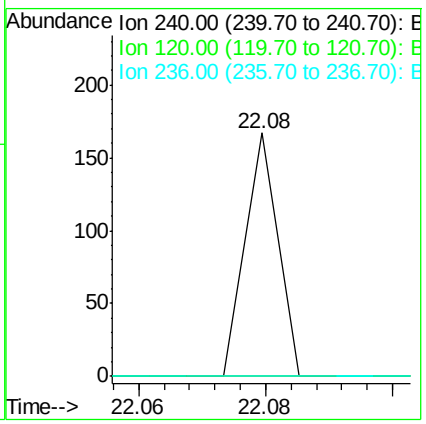


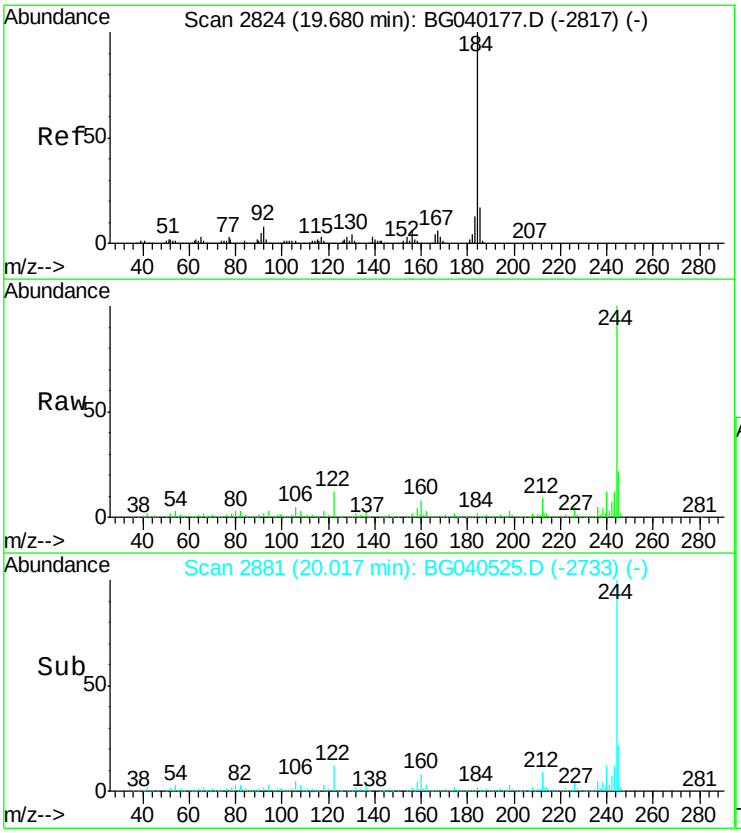
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.08 min Scan# 3232
Delta R.T. 0.35 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:240 Resp: 59

Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.4	12.6#
236	0.0	20.8	31.2#

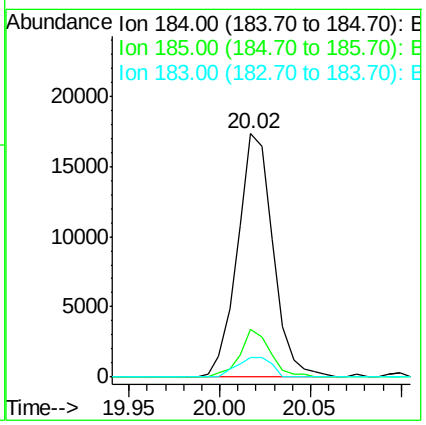


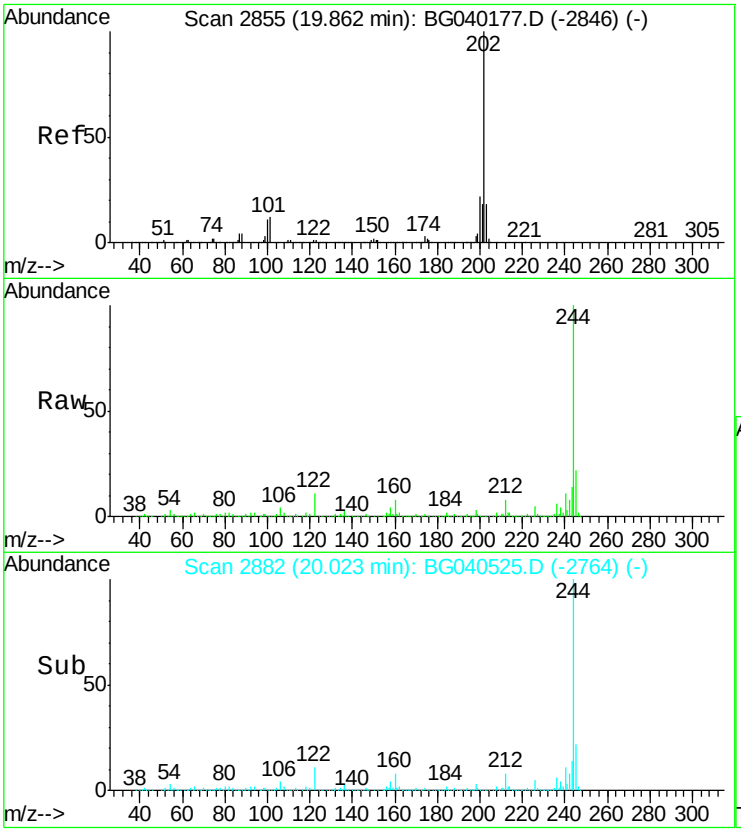


#77
Benzidine
Concen: 11056.742 ng
RT: 20.02 min Scan# 2881
Delta R.T. 0.34 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:184 Resp: 23557

Ion	Ratio	Lower	Upper
184	100		
185	19.8	13.3	19.9
183	8.1	10.3	15.5#



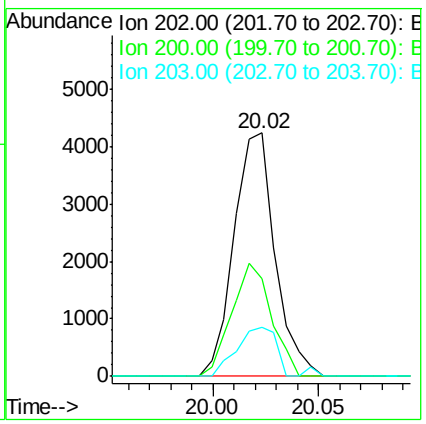


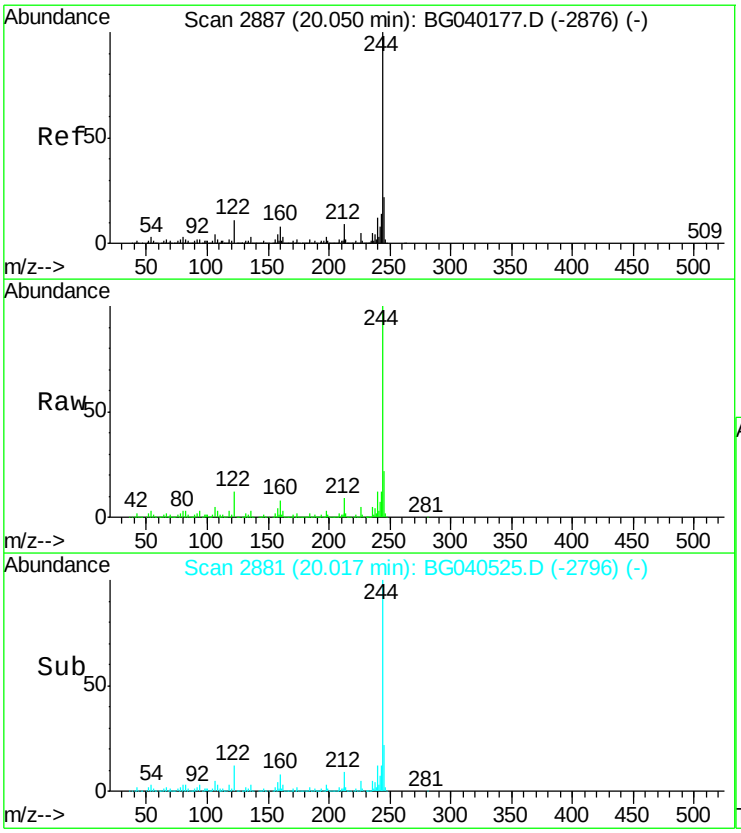
#78
Pyrene
Concen: 1468.331 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.16 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:202 Resp: 5697

Ion	Ratio	Lower	Upper
202	100		
200	40.0	17.3	25.9#
203	19.9	14.6	22.0

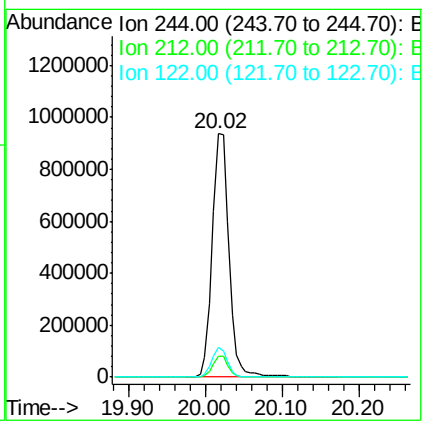


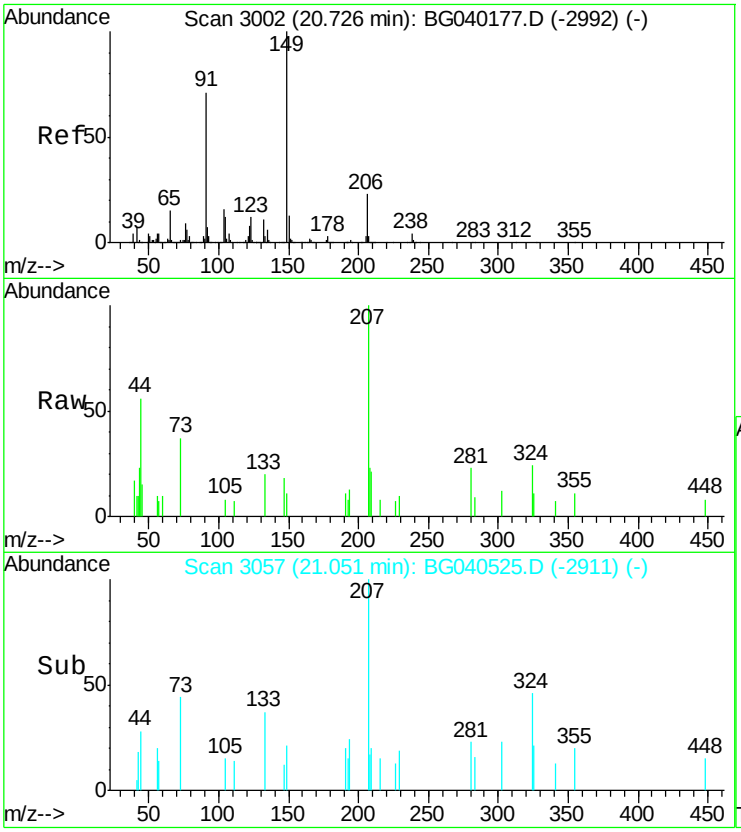


#79
Terphenyl-d14
Concen: 533420.578 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.03 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:244 Resp: 1398963

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	12.2	8.5	12.7



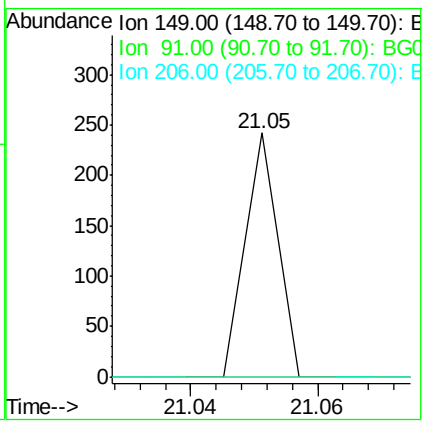


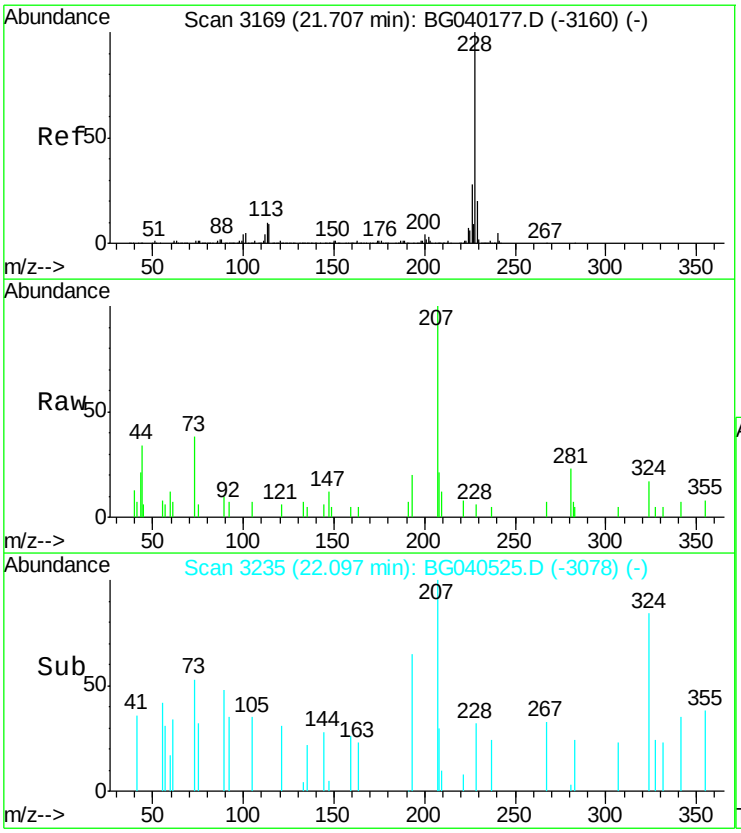
#80
Butylbenzylphthalate
Concen: 51.197 ng
RT: 21.05 min Scan# 3057
Delta R.T. 0.33 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:149 Resp: 85

Ion	Ratio	Lower	Upper
149	100		
91	0.0	57.0	85.4#
206	0.0	18.2	27.4#

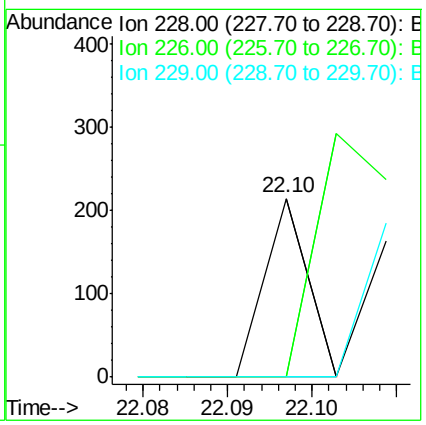


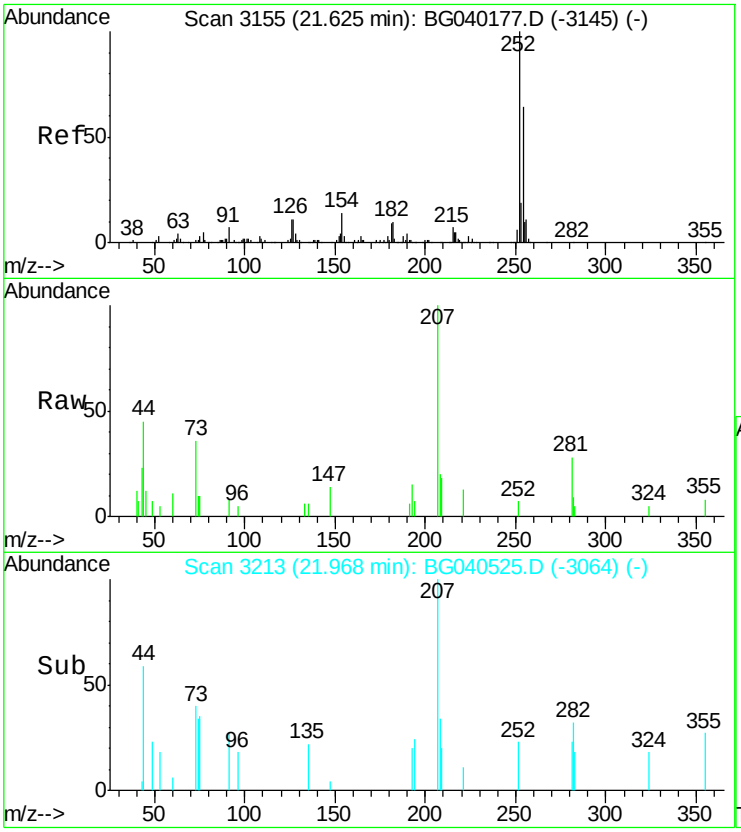


#81
Benzo(a)anthracene
Concen: 20.638 ng
RT: 22.10 min Scan# 3235
Delta R.T. 0.39 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:228 Resp: 75

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	34.0#
229	0.0	16.1	24.1#



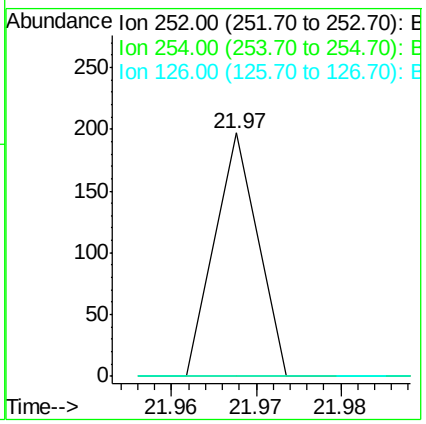


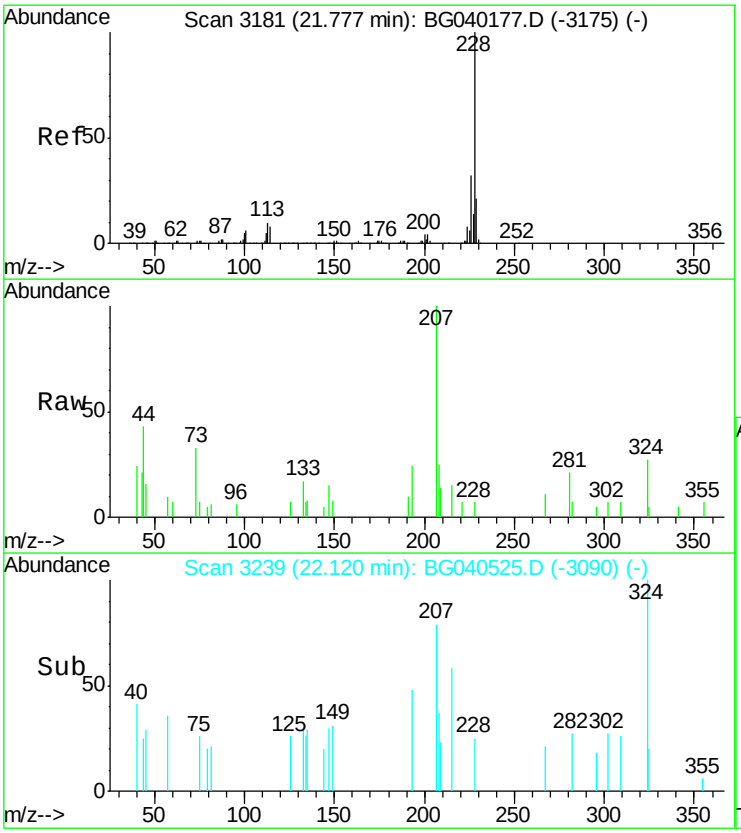
#82
3,3'-Dichlorobenzidine
Concen: 49.912 ng
RT: 21.97 min Scan# 3213
Delta R.T. 0.34 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:252 Resp: 69

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	8.5	12.7#

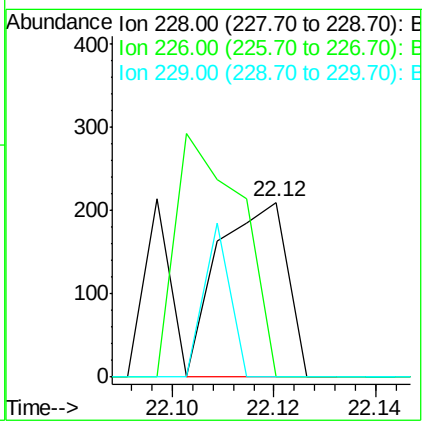


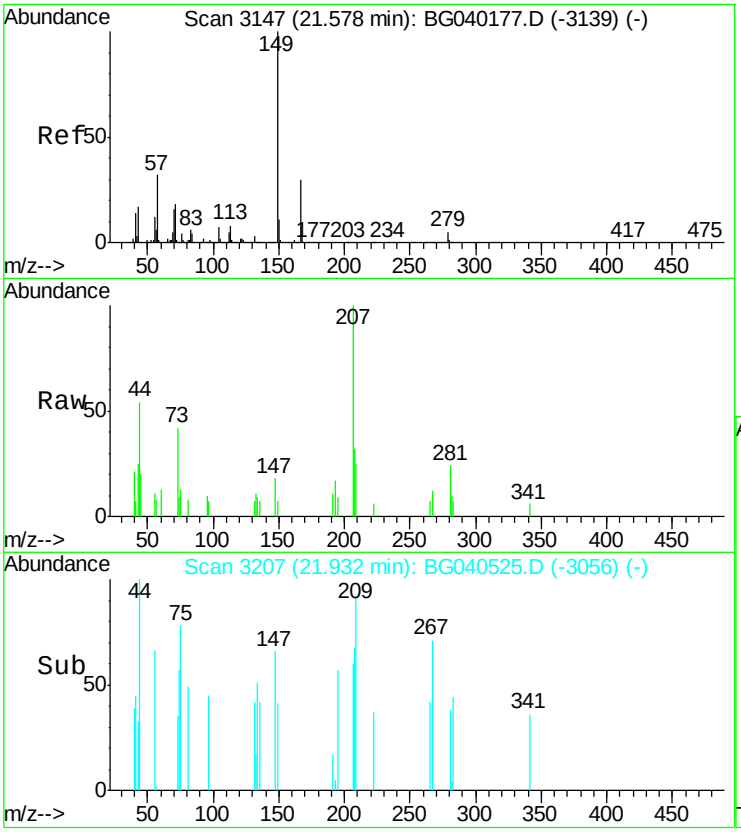


#83
Chrysene
Concen: 56.119 ng
RT: 22.12 min Scan# 3239
Delta R.T. 0.34 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:228 Resp: 196

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	17.0	25.4#



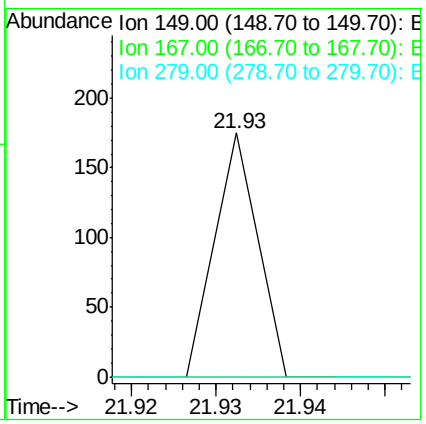


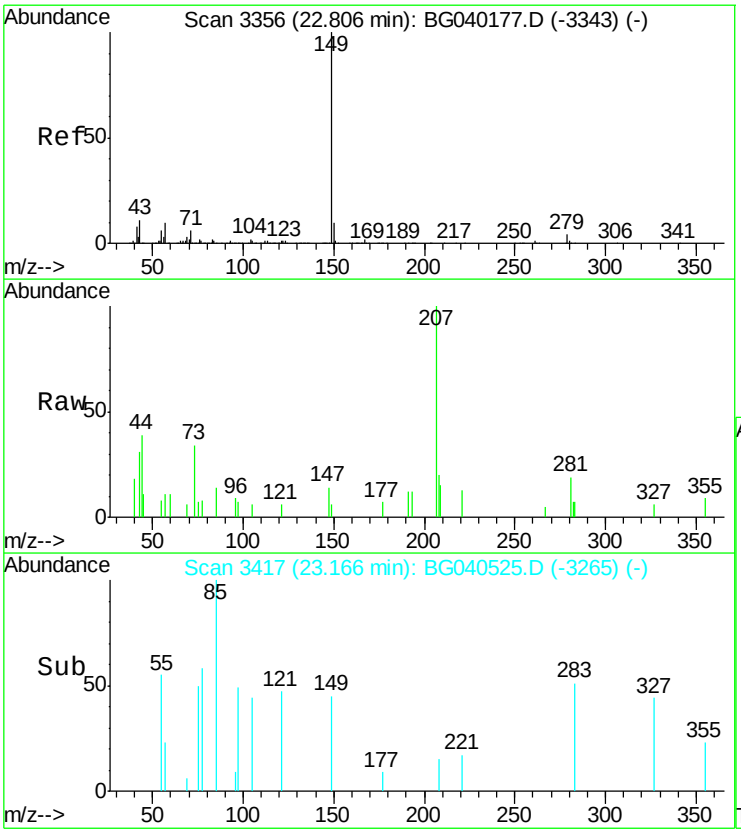
#84
Bis(2-ethylhexyl)phthalate
Concen: 26.124 ng
RT: 21.93 min Scan# 3207
Delta R.T. 0.35 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:149 Resp: 62

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.1	36.1#
279	0.0	4.1	6.1#

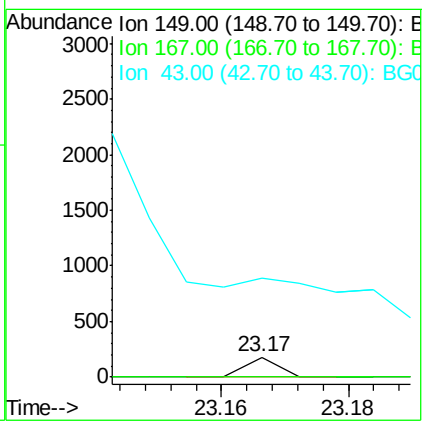


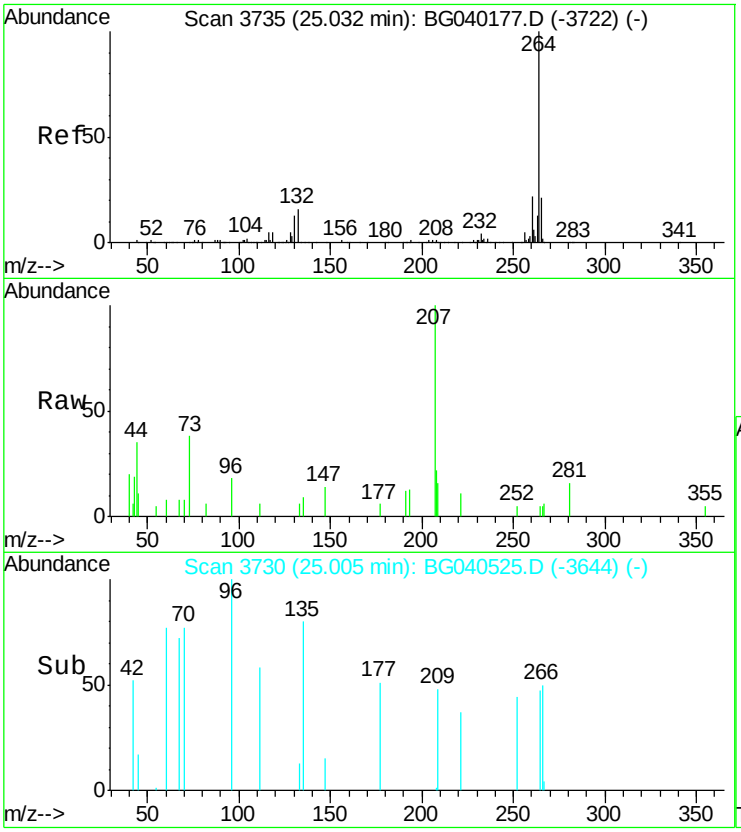


#85
Di-n-octyl phthalate
Concen: 15.580 ng
RT: 23.17 min Scan# 3417
Delta R.T. 0.36 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:149 Resp: 63

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	8.7	13.1#



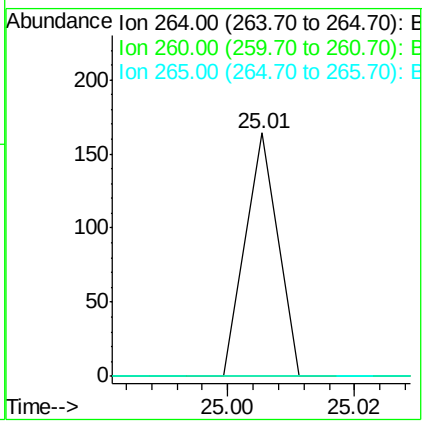


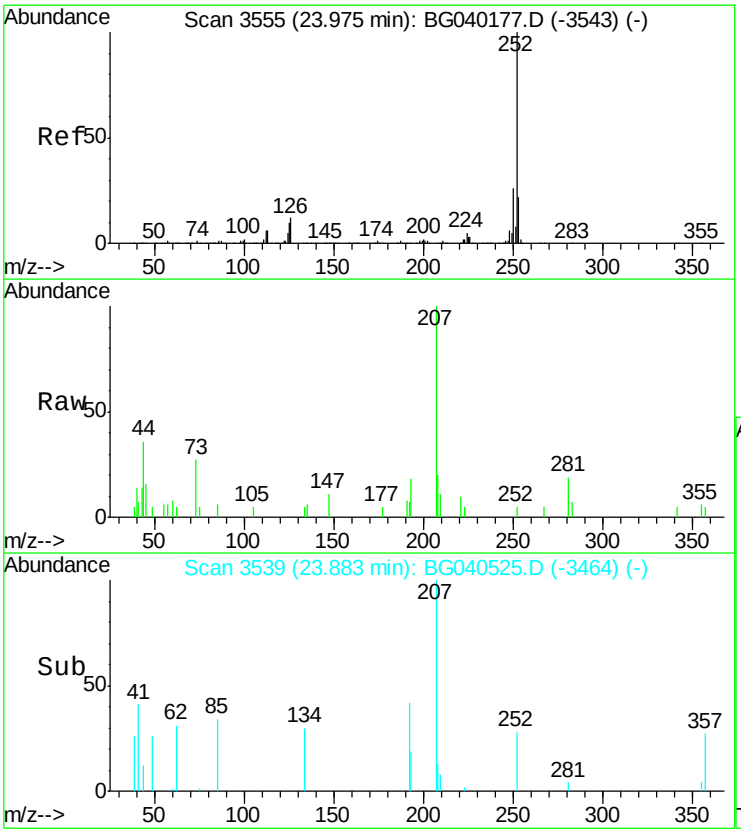
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.03 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:264 Resp: 58

Ion	Ratio	Lower	Upper
264	100		
260	0.0	17.9	26.9#
265	0.0	16.8	25.2#

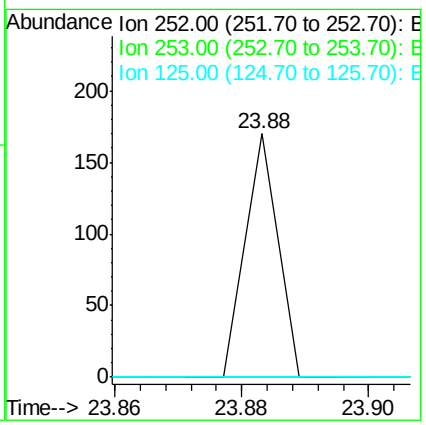


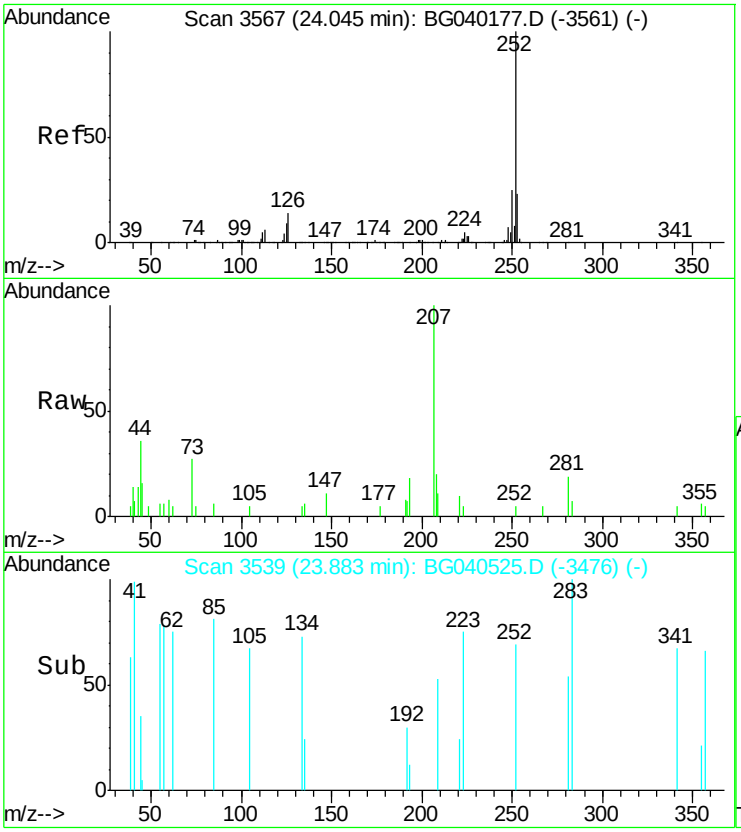


#88
Benzo(b)fluoranthene
Concen: 16.897 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.09 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:252 Resp: 60

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	8.2	12.4#



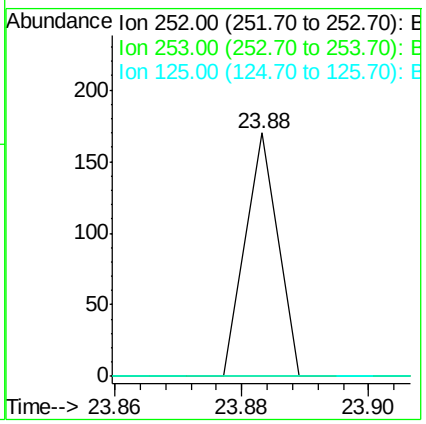


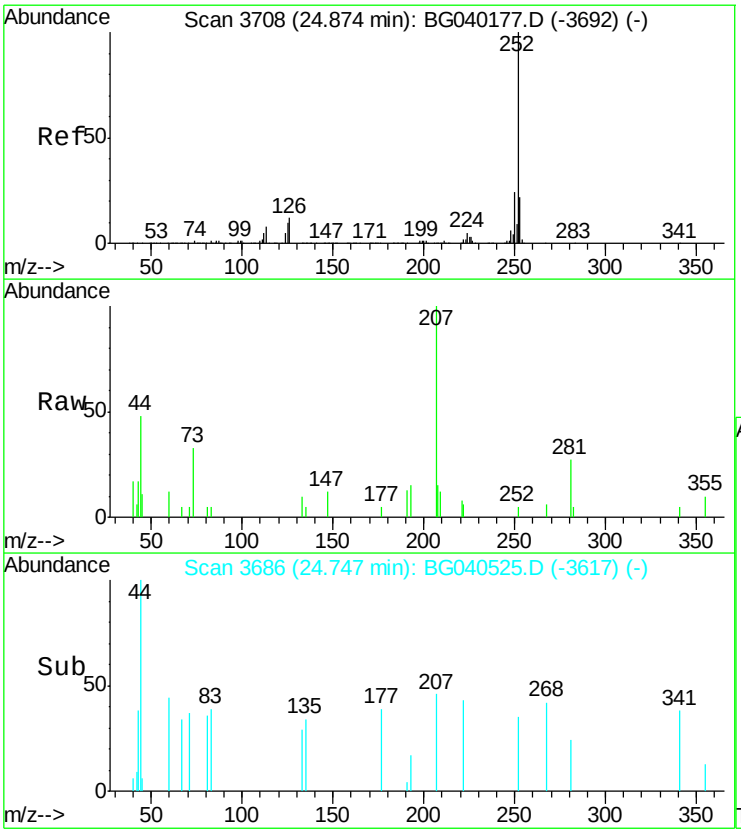
#89
Benzo(k)fluoranthene
Concen: 18.374 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.16 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Instrument :
BNA_G
ClientSampleId :
TP1-S

Tgt Ion:252 Resp: 60

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.6	28.0#
125	0.0	7.3	10.9#





#90
Benzo(a)pyrene
Concen: 16.808 ng
RT: 24.75 min Scan# 3686
Delta R.T. -0.13 min
Lab File: BG040525.D
Acq: 17 Apr 2019 6:16

Tgt Ion:252 Resp: 56

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	8.3	12.5#