Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
Data File : BG041393.D
Acq On : 22 Jun 2019 3:22
Operator : HP/JU
Sample : K3455-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DUCT-BANK

Quant Time: Jun 22 04:59:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37160	20.00	ng		-0.03
21) Naphthalene-d8	10.87	136	143641	20.00	ng		-0.03
39) Acenaphthene-d10	14.69	164	107181	20.00	ng		-0.03
64) Phenanthrene-d10	17.44	188	263491	20.00	ng		-0.03
76) Chrysene-d12	21.71	240	261107	20.00	ng		-0.03
87) Perylene-d12	25.00	264	272989	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	197397	97.61	ng		-0.03
7) Phenol-d6	7.21	99	293409	100.09	ng		-0.02
23) Nitrobenzene-d5	9.23	82	202629	59.33	ng		-0.03
42) 2,4,6-Tribromophenol	16.18	330	147847	89.85	ng		-0.02
45) 2-Fluorobiphenyl	13.31	172	449705	57.03	ng		-0.03
79) Terphenyl-d14	20.03	244	722902	54.87	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	28565	12.048	ng	#	80
50) Dimethylphthalate	14.14	163	56340	5.908	ng		100
56) 4-Nitrophenol	15.09	139	999	3.853	ng	#	1
57) 2,4-Dinitrotoluene	14.69	165	14199	4.831	ng	#	22
67) 4-Bromophenyl-phenylether	16.18	248	10708	3.143	ng	#	1
71) Phenanthrene	17.48	178	98727	7.025	ng		97
72) Anthracene	17.48	178	98727	7.126	ng		98
75) Fluoranthene	19.49	202	223975	11.997	ng		98
78) Pyrene	19.85	202	190634	10.826	ng		99
81) Benzo(a)anthracene	21.69	228	100224	5.669	ng		98
83) Chrysene	21.75	228	91859	5.403	ng		98
86) Indeno(1,2,3-cd)pyrene	28.78	276	56406	2.796	ng	#	93
88) Benzo(b)fluoranthene	23.95	252	110610	6.538	ng		93
89) Benzo(k)fluoranthene	23.95	252	110610	6.600	ng		95
90) Benzo(a)pyrene	24.84	252	79602	4.982	ng		99
92) Benzo(g,h,i)perylene	29.96	276	54450	3.425	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
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Misc :
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Instrument :
BNA_G
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TP-5-DUCT-BANK

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
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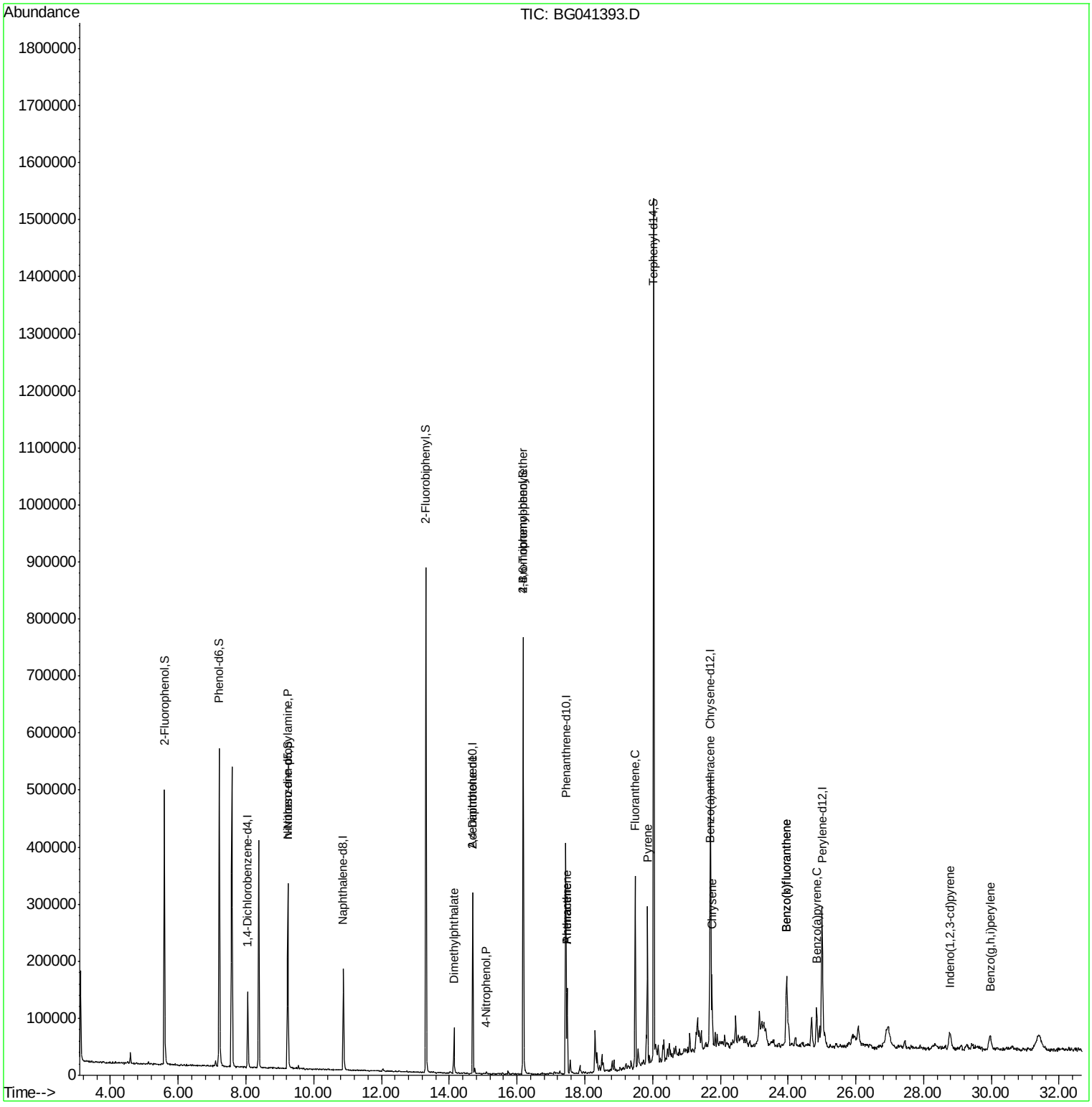
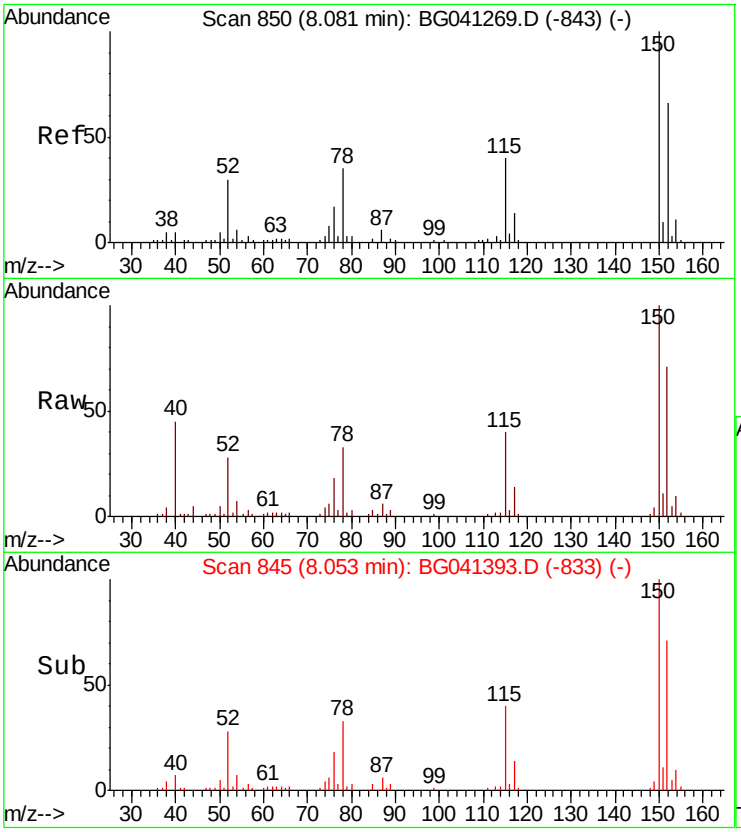


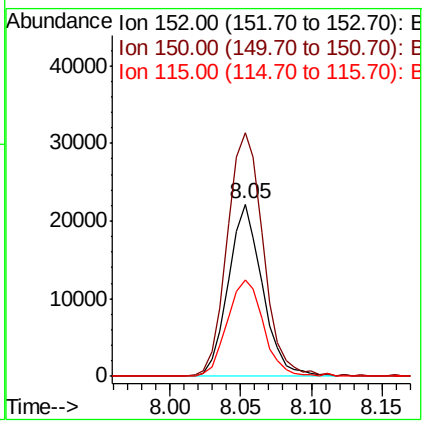


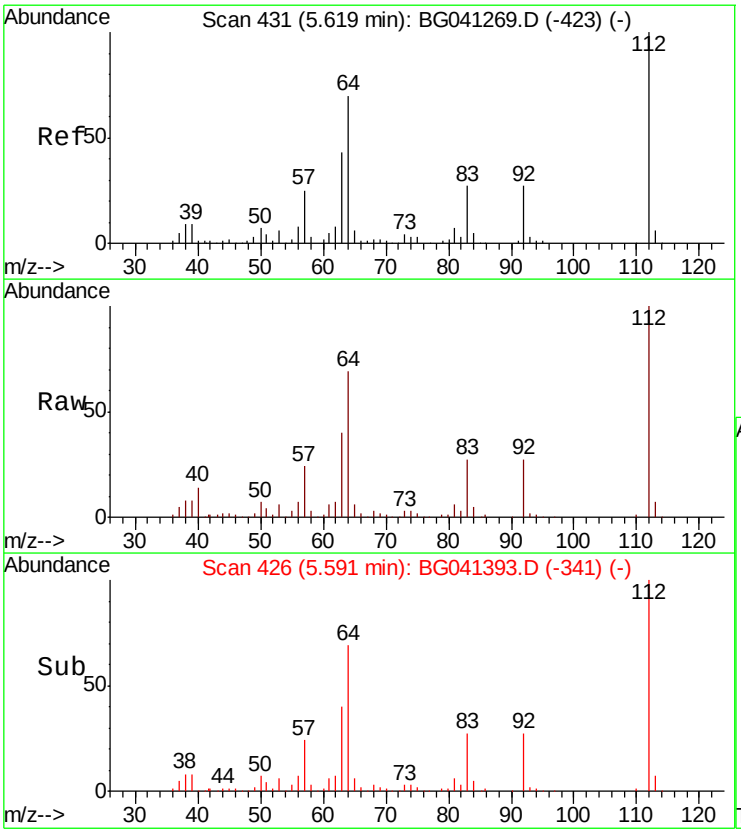
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:152 Resp: 37160

Ion	Ratio	Lower	Upper
152	100		
150	141.2	120.6	181.0
115	56.1	47.9	71.9

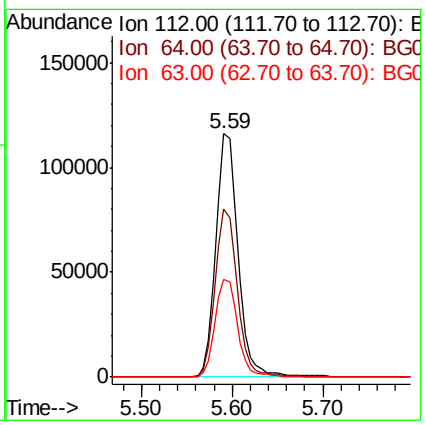


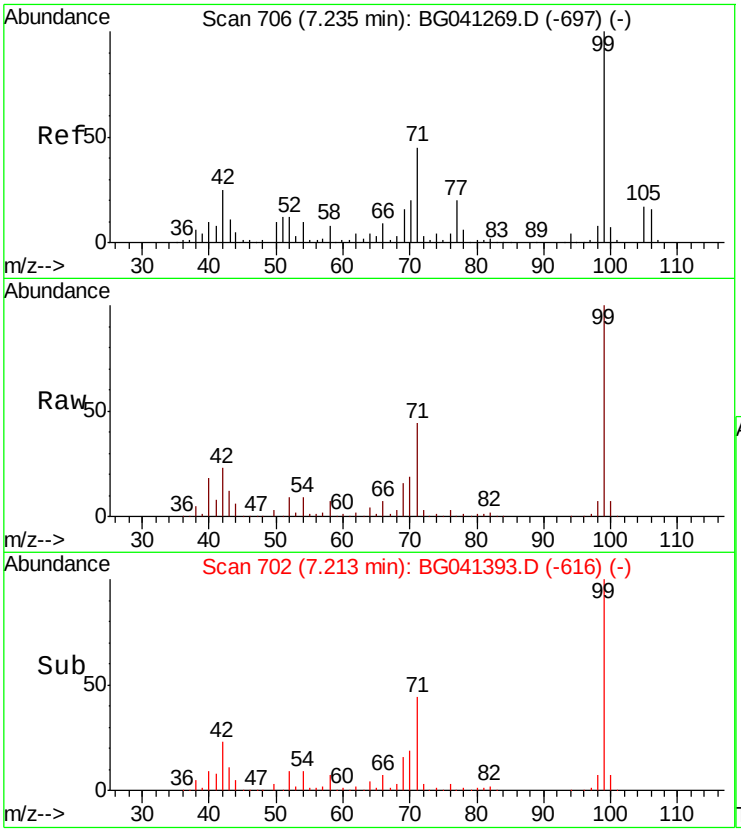


#5
2-Fluorophenol
Concen: 97.605 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:112 Resp: 197397

Ion	Ratio	Lower	Upper
112	100		
64	69.2	55.9	83.9
63	40.4	34.6	51.8



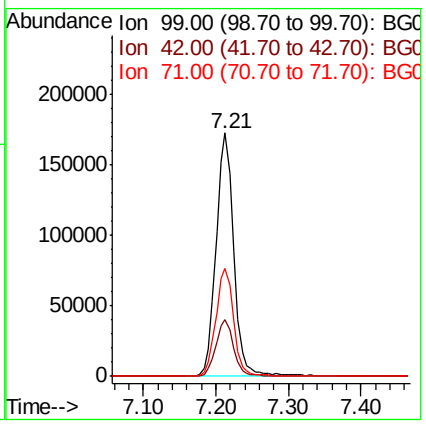


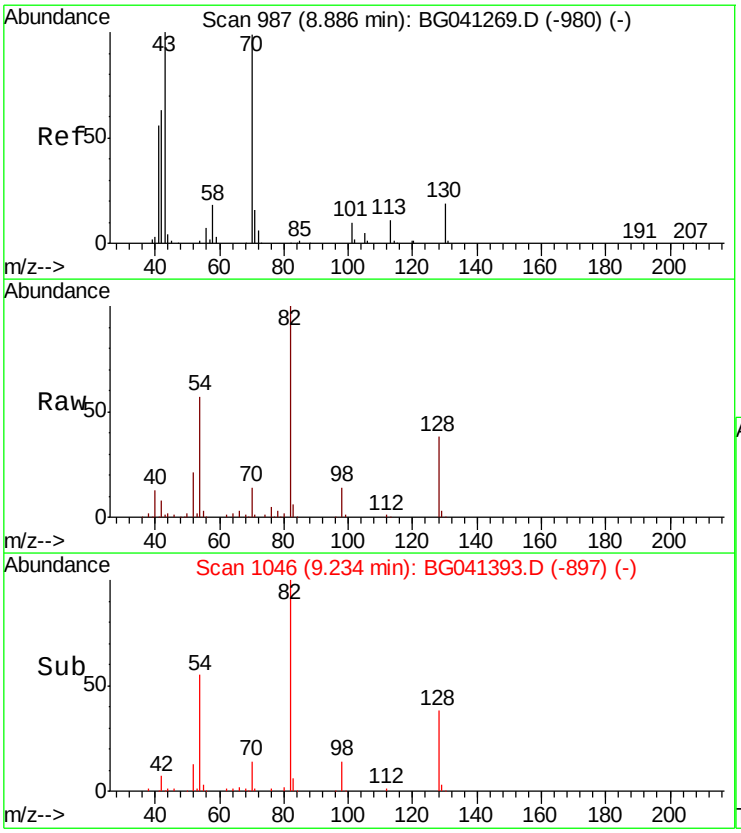
#7
Phenol-d6
Concen: 100.088 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.02 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion: 99 Resp: 293409

Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.9	29.9
71	44.2	36.4	54.6

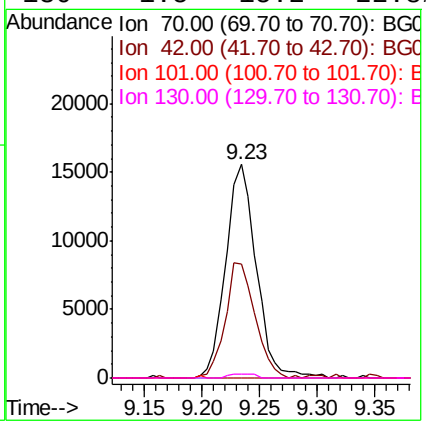


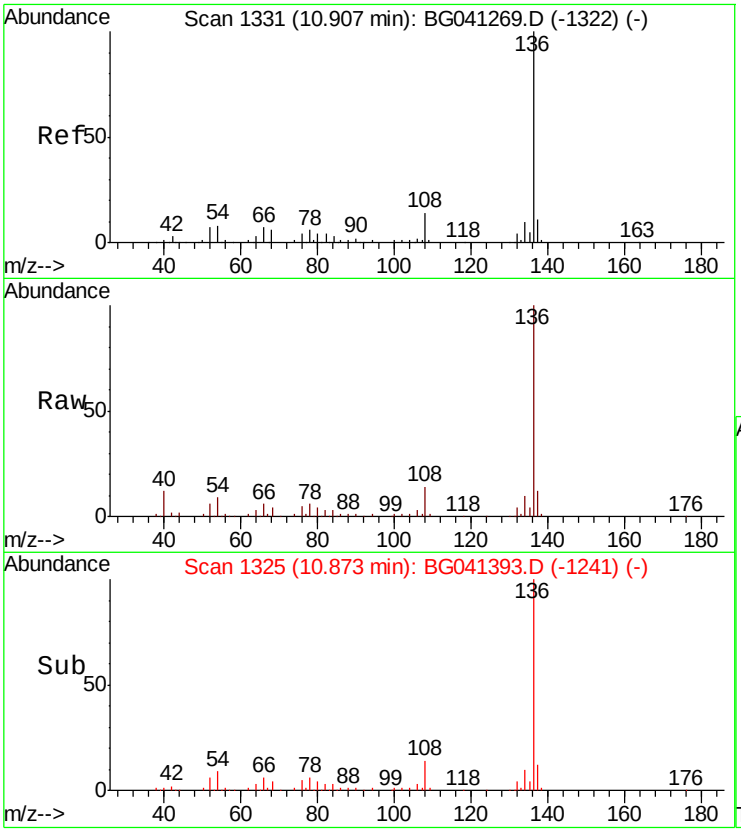


#19
n-Nitroso-di-n-propylamine
Concen: 12.048 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.35 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion: 70 Resp: 28565

Ion	Ratio	Lower	Upper
70	100		
42	53.6	51.4	77.2
101	0.0	8.2	12.2#
130	1.5	15.2	22.8#



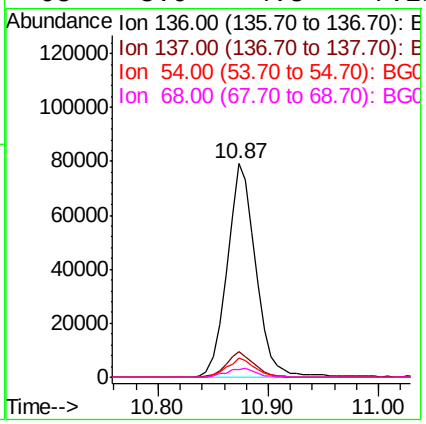


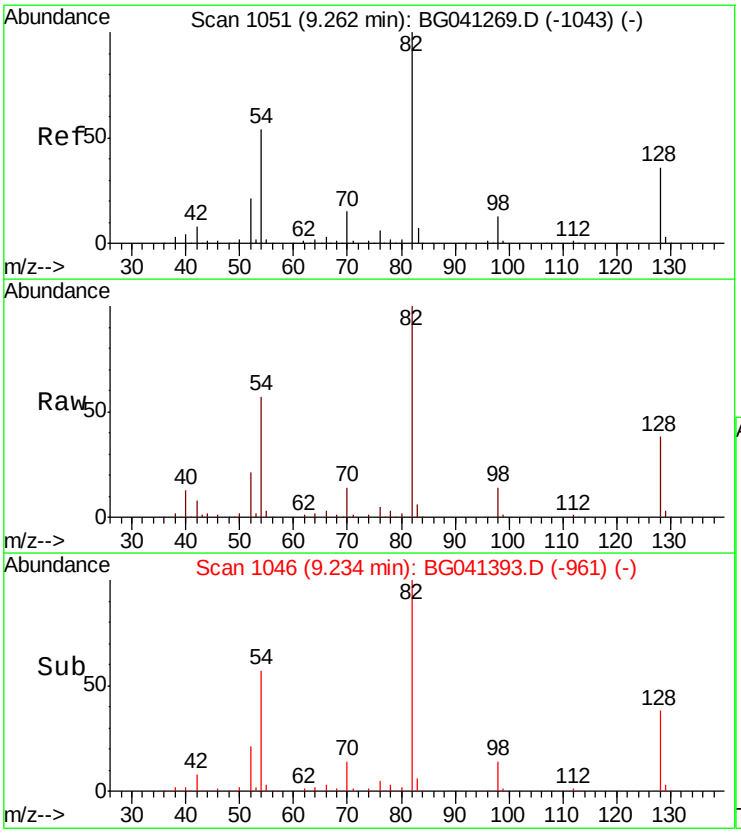
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:136 Resp: 143641

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	8.7	6.4	9.6
68	3.9	4.8	7.2#

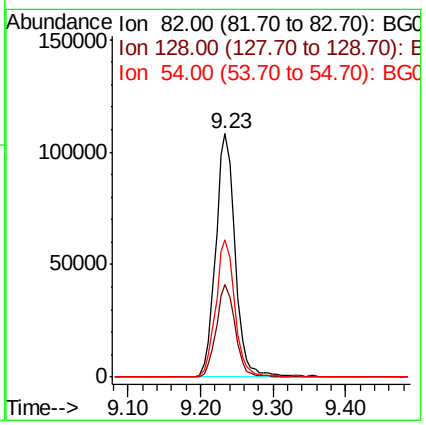


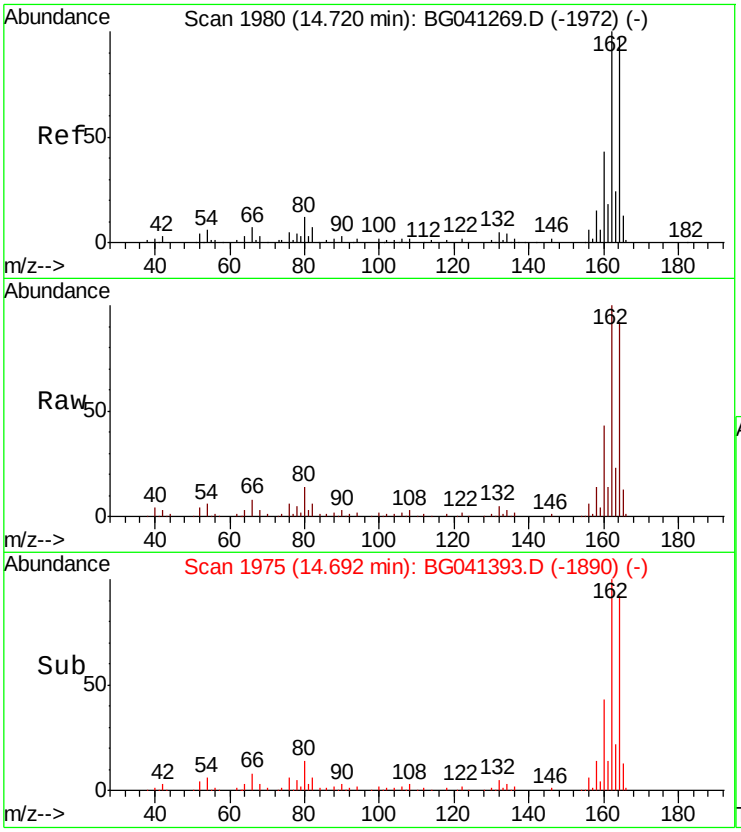


#23
Nitrobenzene-d5
Concen: 59.327 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion: 82 Resp: 202629

Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.2	43.8
54	56.6	43.4	65.0



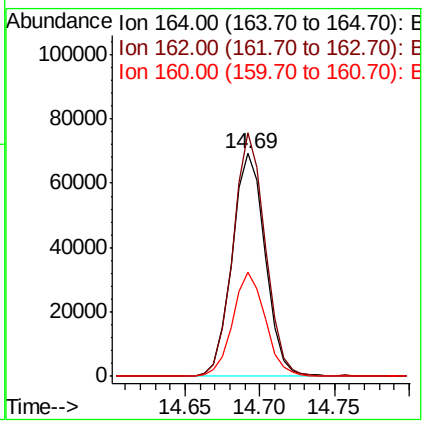


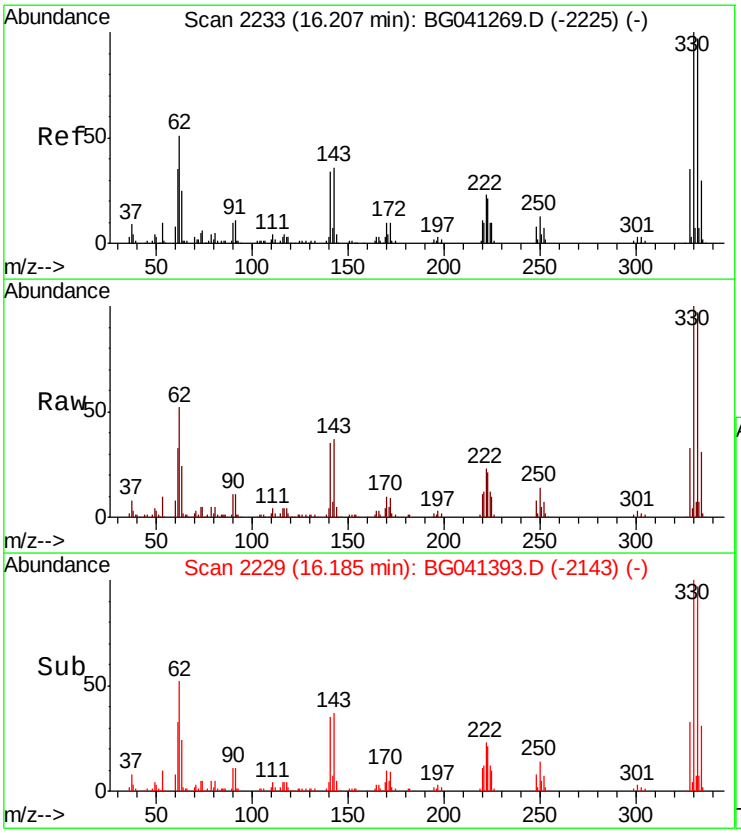
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:164 Resp: 107181

Ion	Ratio	Lower	Upper
164	100		
162	109.2	82.8	124.2
160	46.9	35.8	53.8

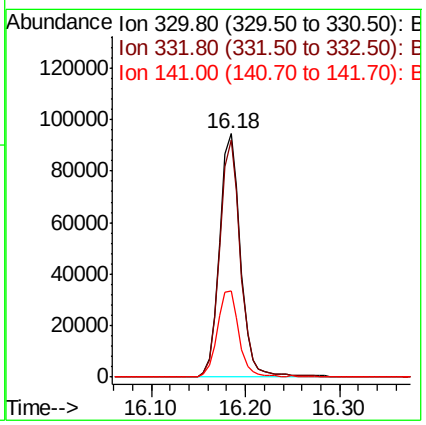


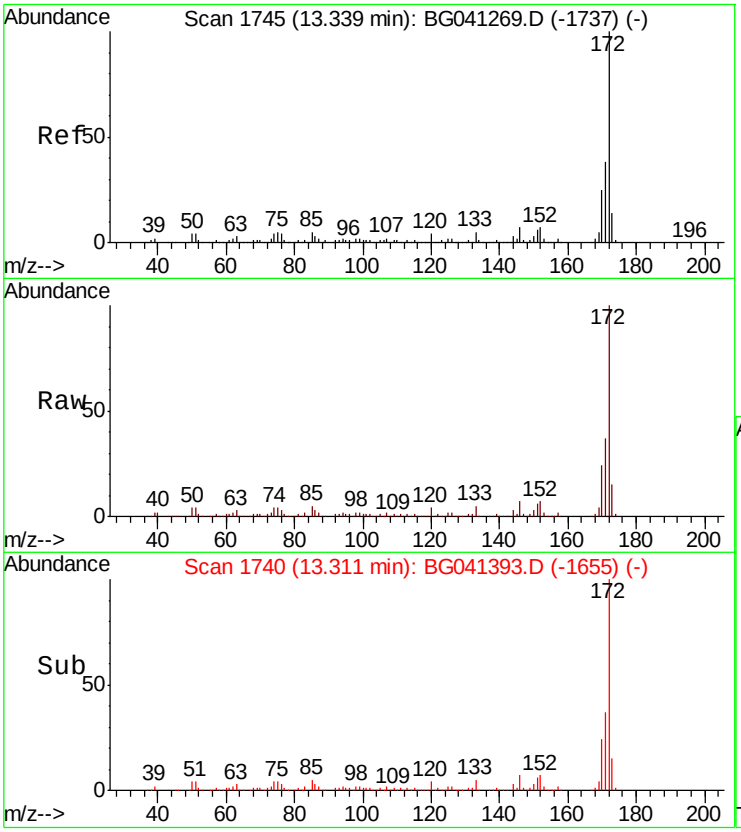


#42
2,4,6-Tribromophenol
Concen: 89.851 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:330 Resp: 147847

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.5	113.3
141	36.4	29.0	43.4



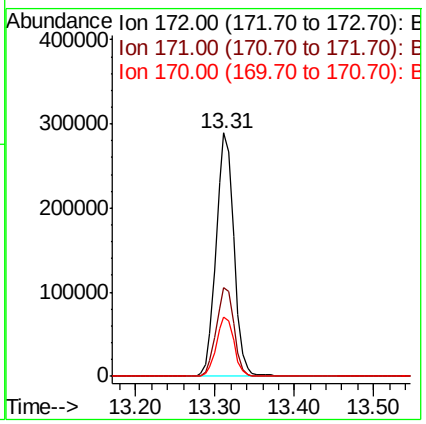


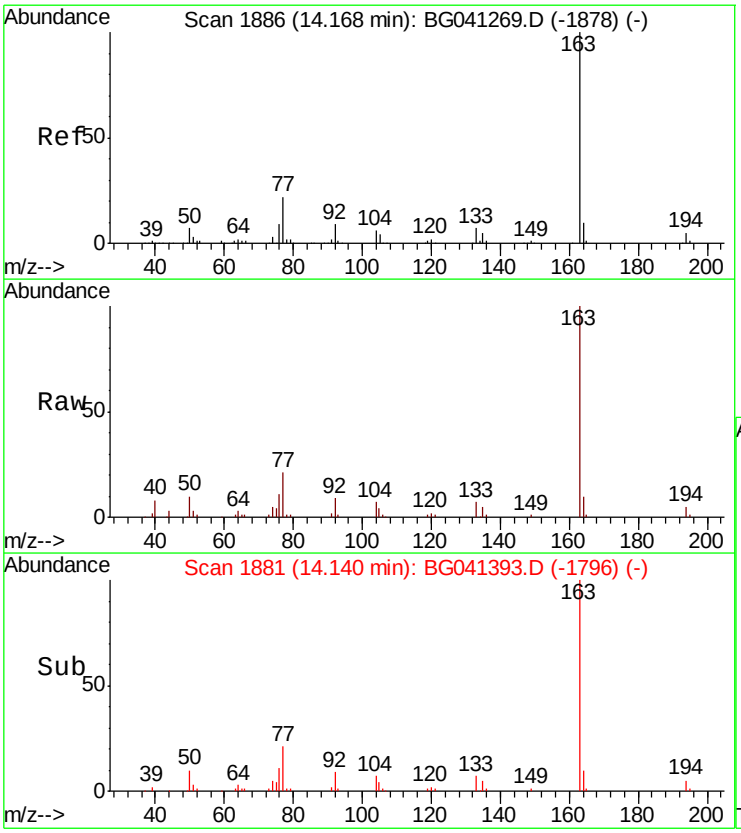
#45
2-Fluorobiphenyl
Concen: 57.027 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:172 Resp: 449705

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.3	19.8	29.6

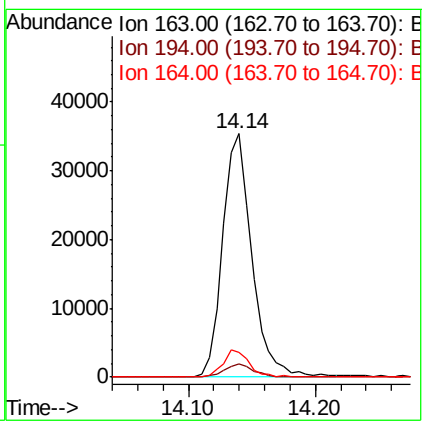


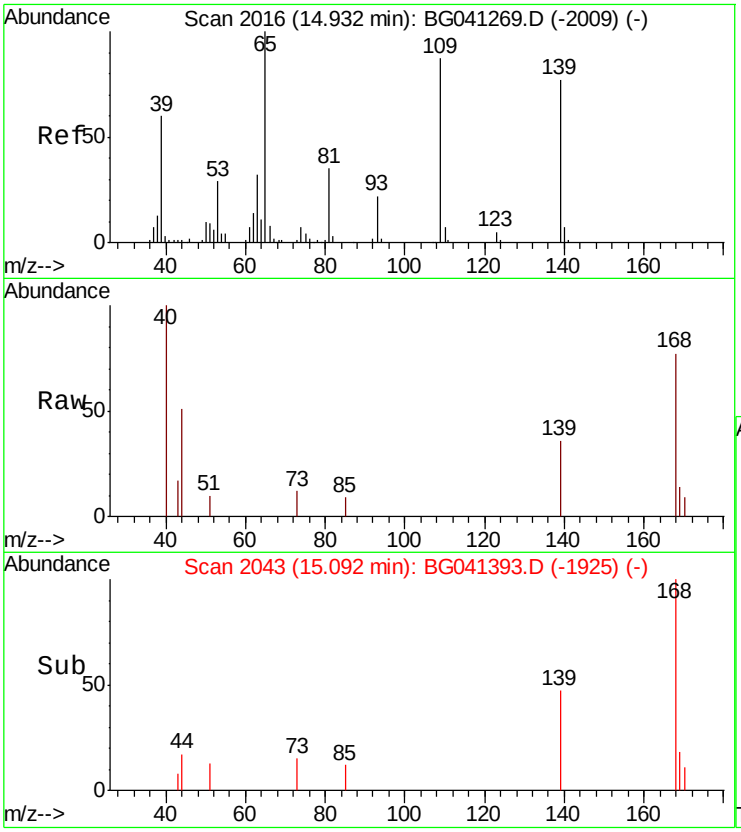


#50
Dimethylphthalate
Concen: 5.908 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:163 Resp: 56340

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.9	5.9
164	10.3	8.3	12.5



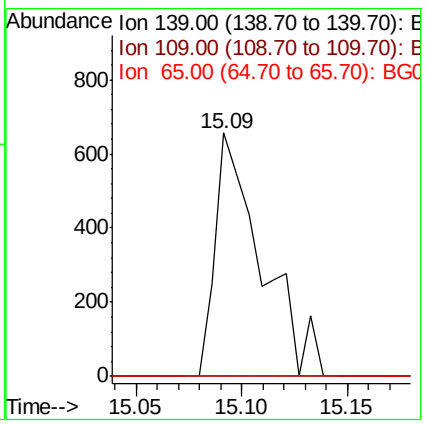


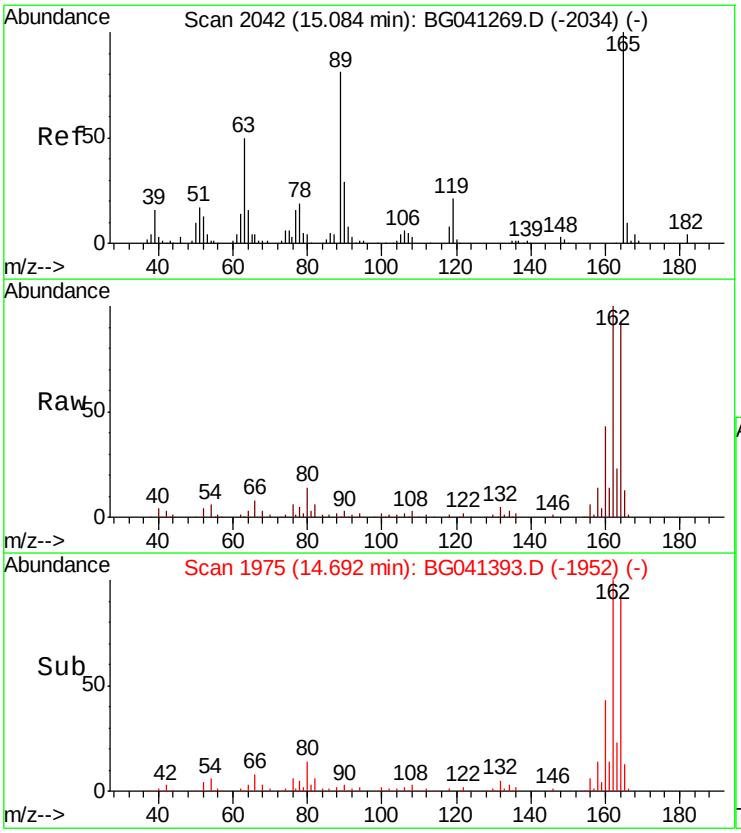
#56
4-Nitrophenol
Concen: 3.853 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.16 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:139 Resp: 999

Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.2	133.2#
65	0.0	110.2	150.2#

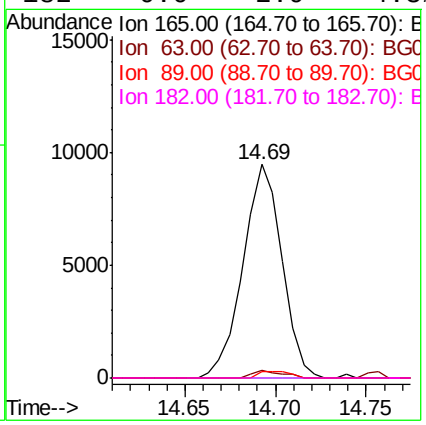


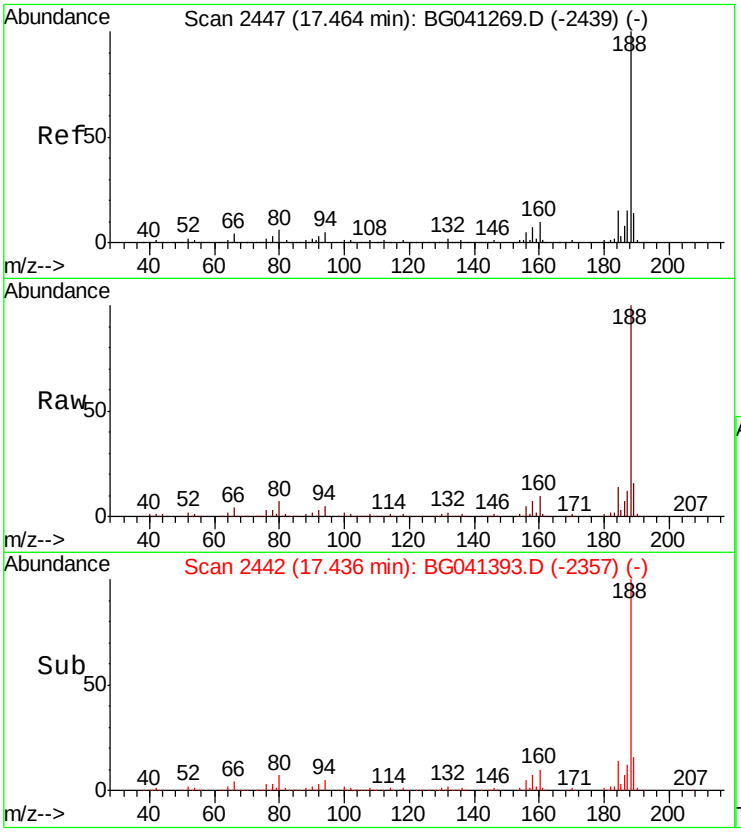


#57
2,4-Dinitrotoluene
Concen: 4.831 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.39 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:165 Resp: 14199

Ion	Ratio	Lower	Upper
165	100		
63	3.8	40.0	60.0#
89	3.3	64.6	96.8#
182	0.0	2.9	4.3#



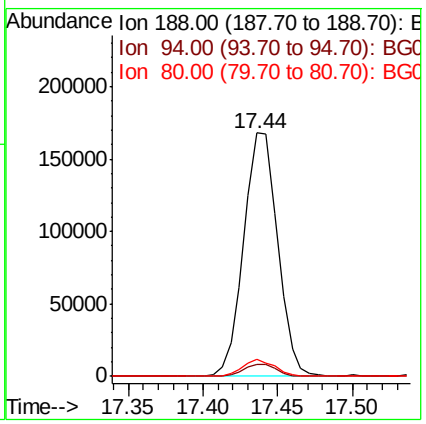


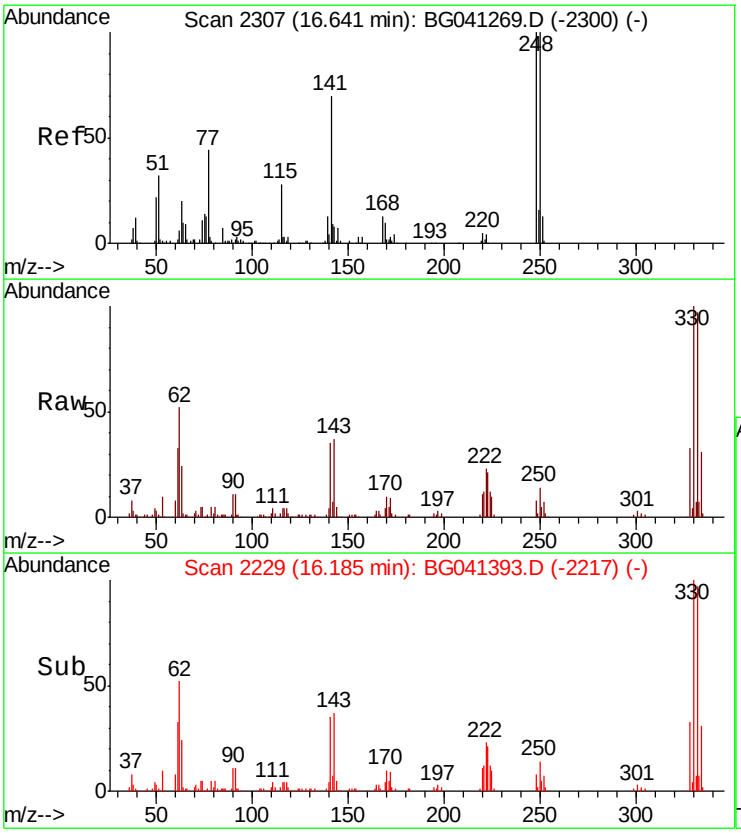
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:188 Resp: 263491

Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.6	5.4
80	6.7	4.8	7.2

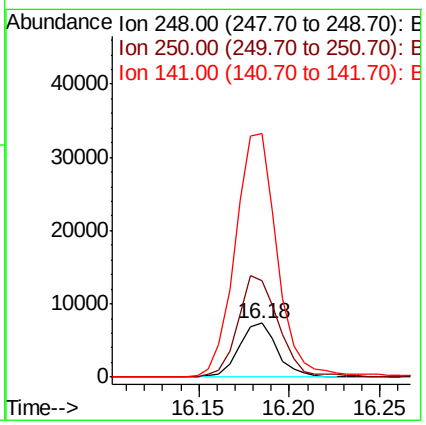


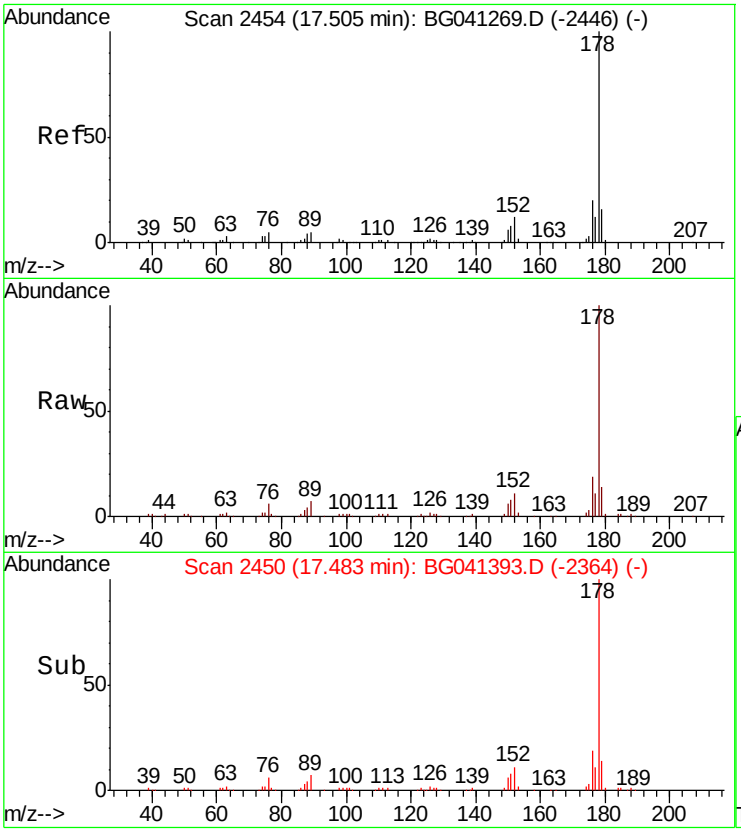


#67
4-Bromophenyl-phenylether
Concen: 3.143 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:248 Resp: 10708

Ion	Ratio	Lower	Upper
248	100		
250	180.4	79.8	119.8#
141	452.6	55.8	83.6#



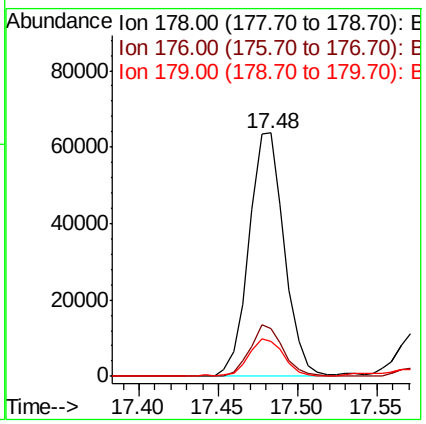


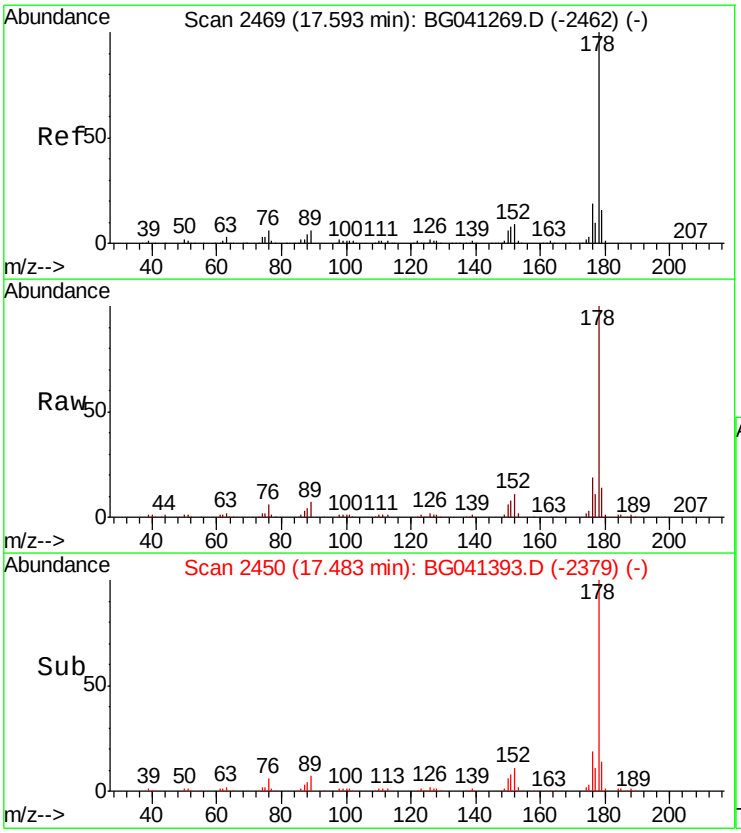
#71
Phenanthrene
Concen: 7.025 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:178 Resp: 98727

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.1	24.1
179	14.3	12.9	19.3

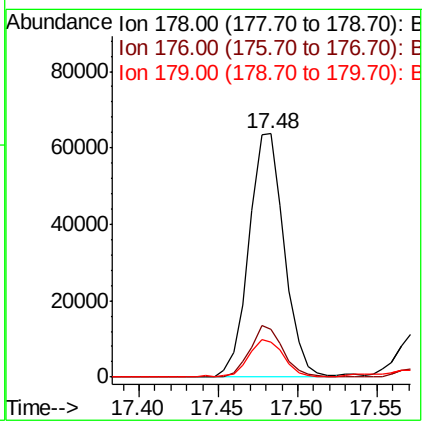


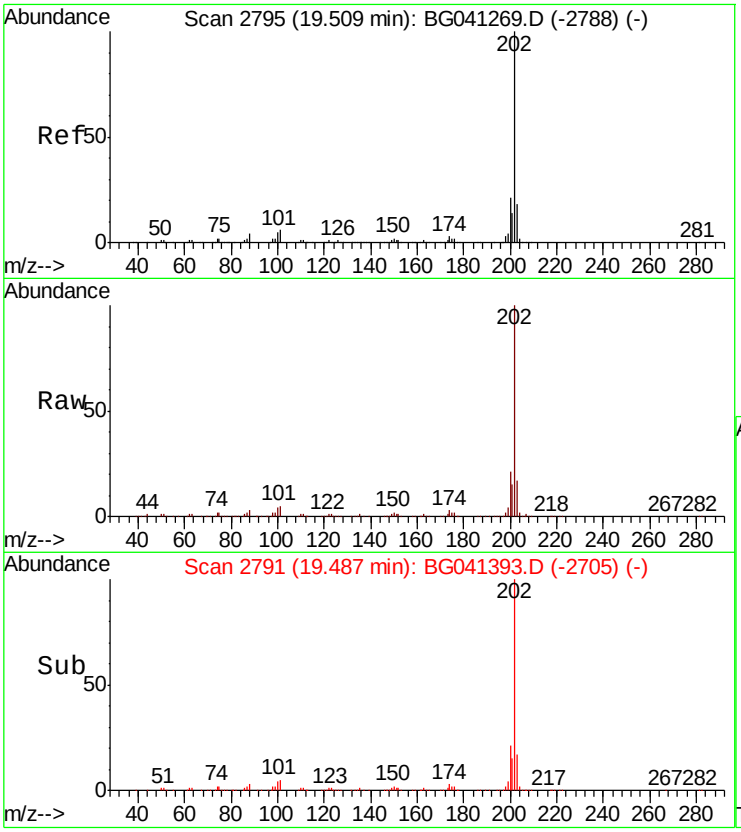


#72
Anthracene
Concen: 7.126 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.11 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:178 Resp: 98727

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	14.3	13.0	19.4



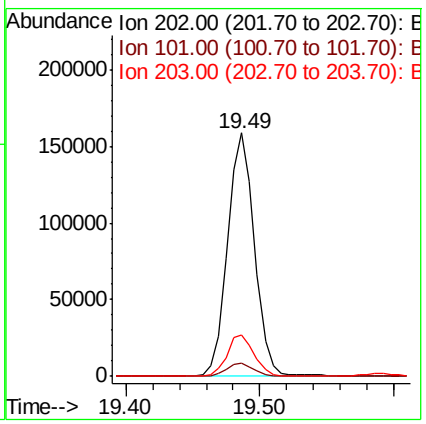


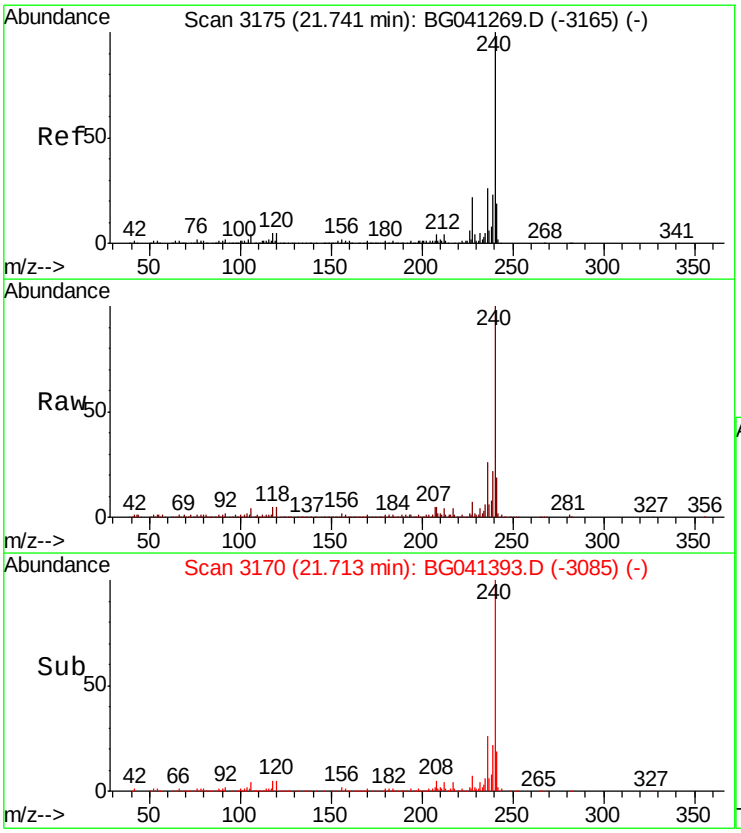
#75
Fluoranthene
Concen: 11.997 ng
RT: 19.49 min Scan# 2791
Delta R.T. -0.02 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:202 Resp: 223975

Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	26.0
203	17.1	0.0	37.7

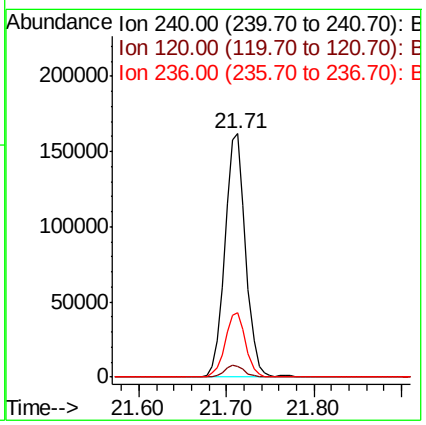


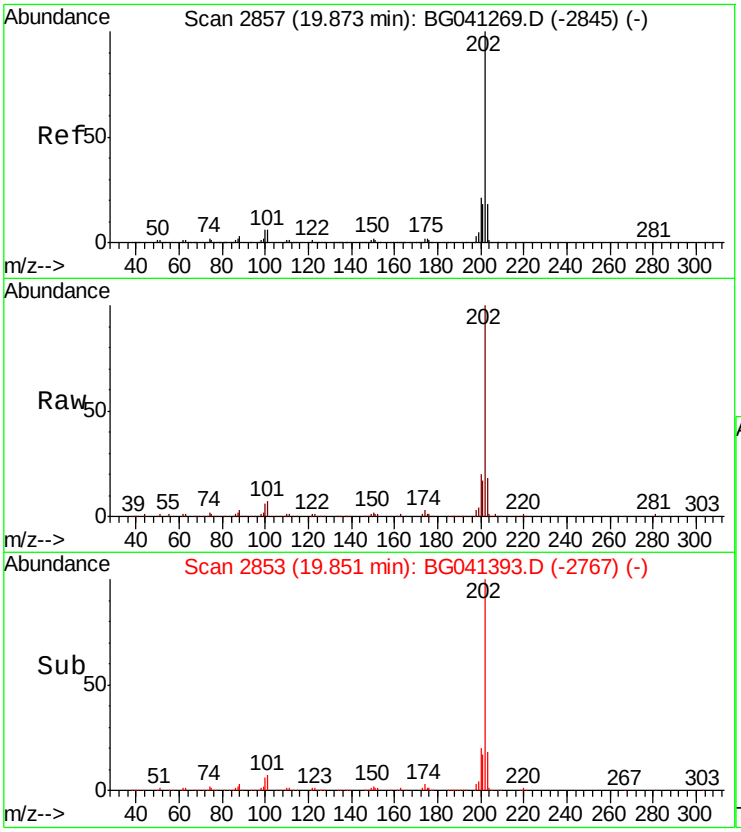


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:240 Resp: 261107

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.7	5.5
236	26.2	21.1	31.7



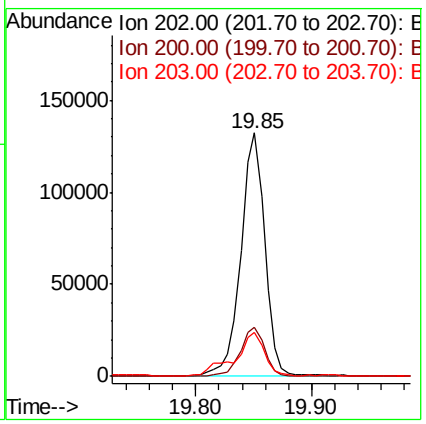


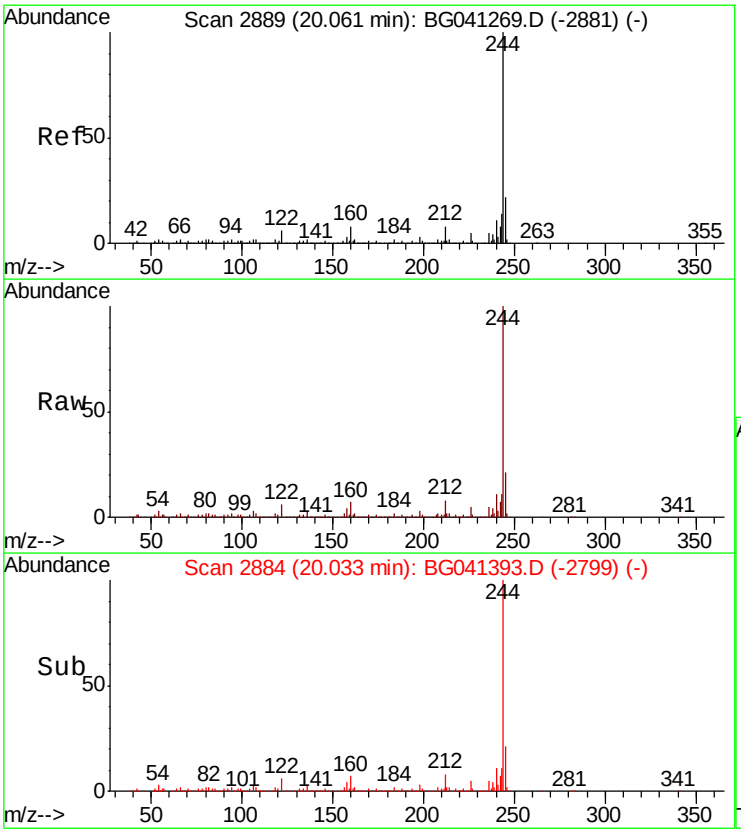
#78
Pyrene
Concen: 10.826 ng
RT: 19.85 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:202 Resp: 190634

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.8	25.2
203	18.1	14.6	21.8

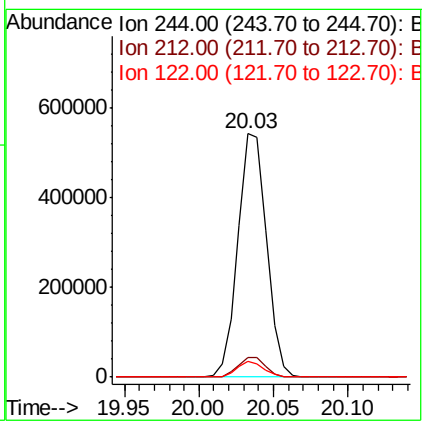


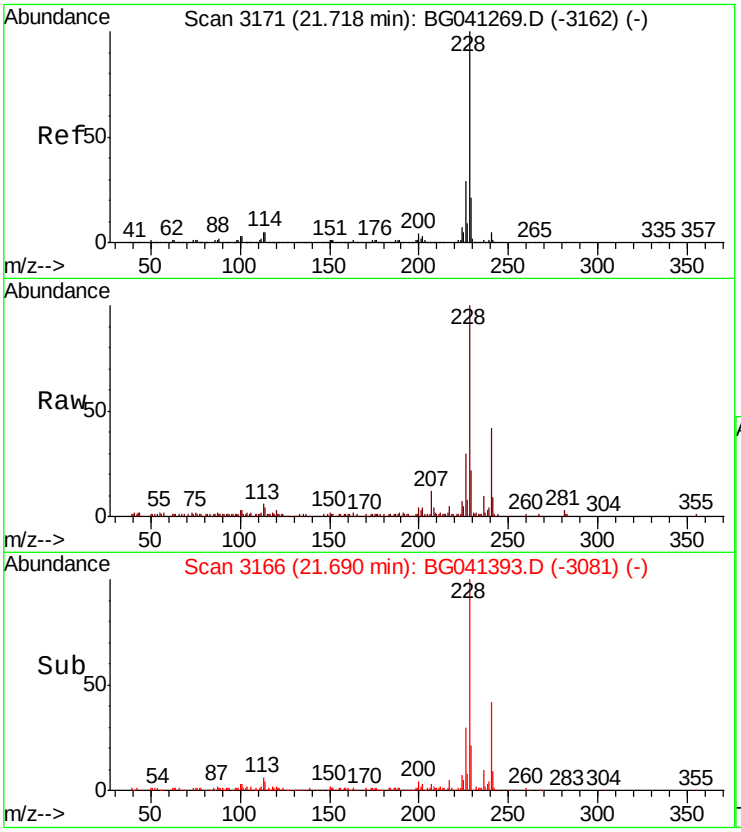


#79
Terphenyl-d14
Concen: 54.868 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:244 Resp: 722902

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	10.0
122	6.4	5.0	7.4



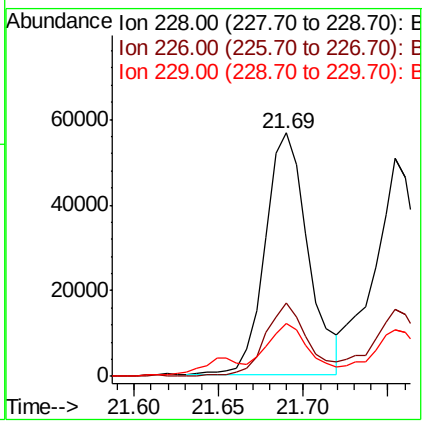


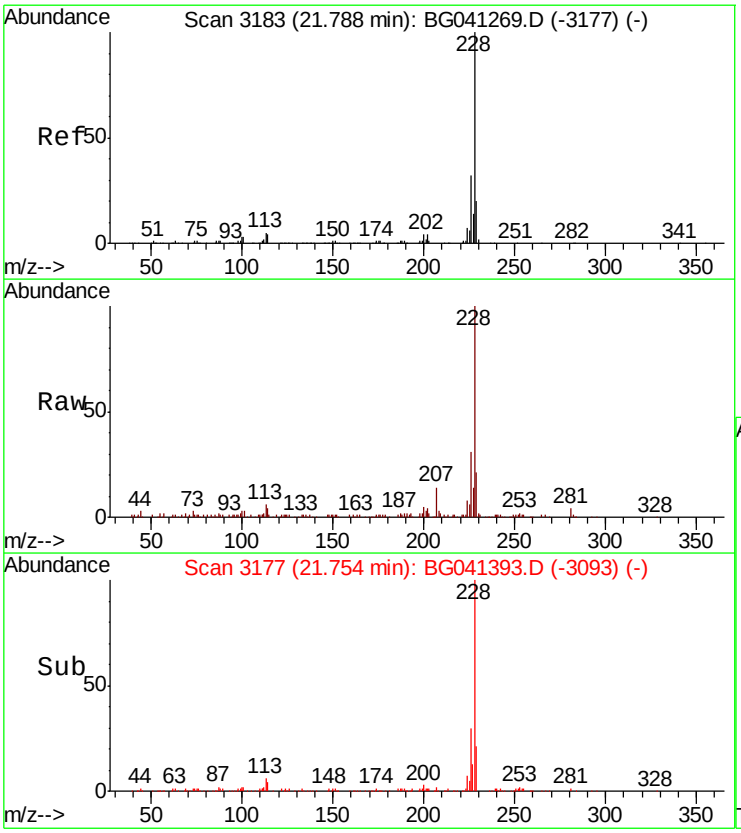
#81
Benzo(a)anthracene
Concen: 5.669 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:228 Resp: 100224

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.2	34.8
229	21.8	16.8	25.2

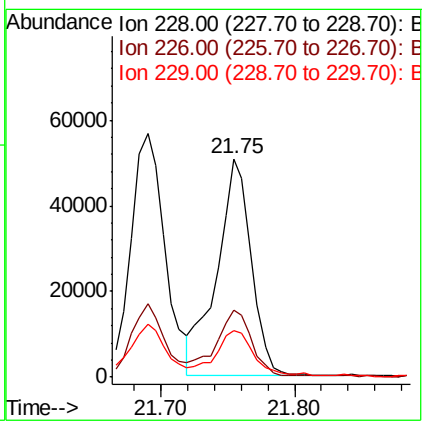


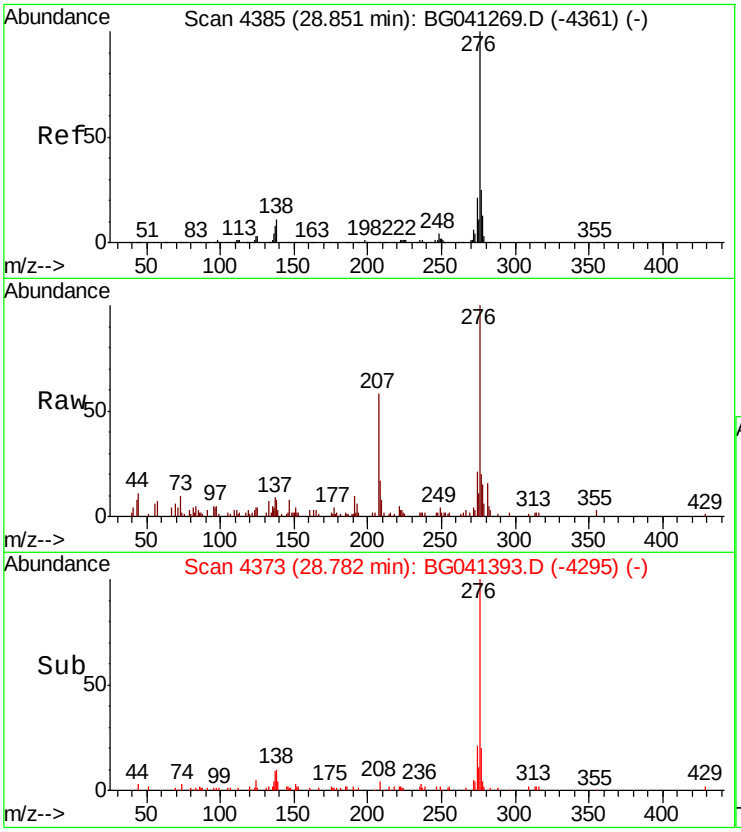


#83
Chrysene
Concen: 5.403 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:228 Resp: 91859

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	21.5	16.2	24.2



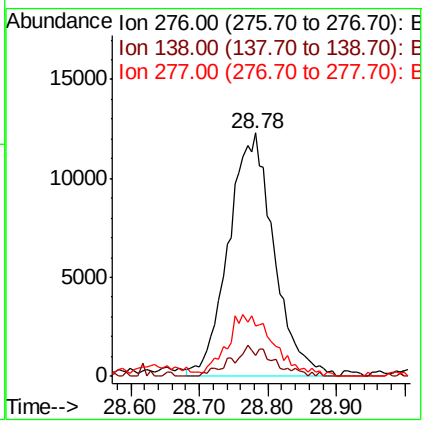


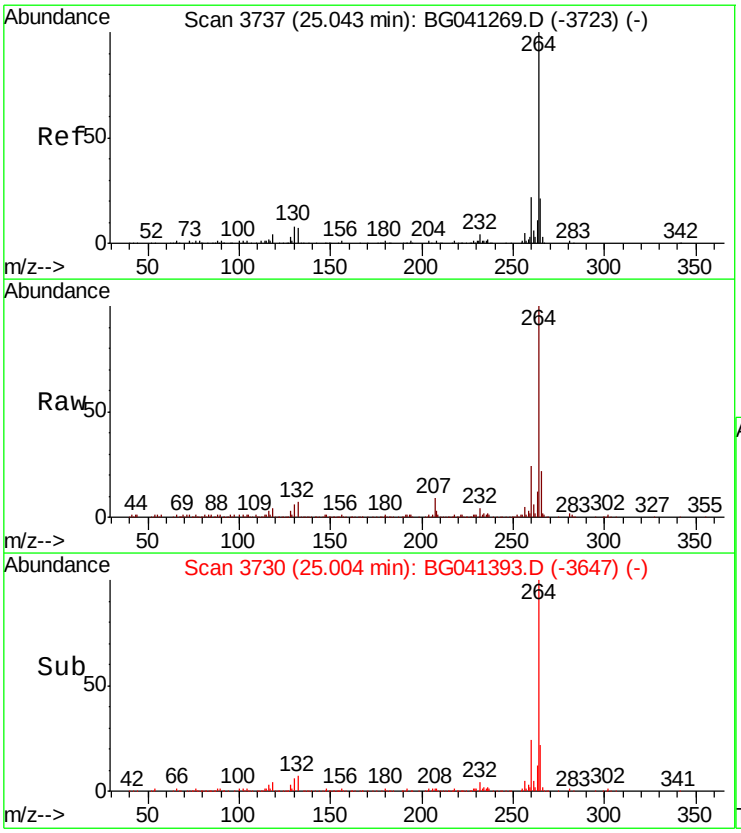
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.796 ng
RT: 28.78 min Scan# 4373
Delta R.T. -0.07 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:276 Resp: 56406

Ion	Ratio	Lower	Upper
276	100		
138	1.6	7.7	11.5#
277	26.2	20.6	31.0

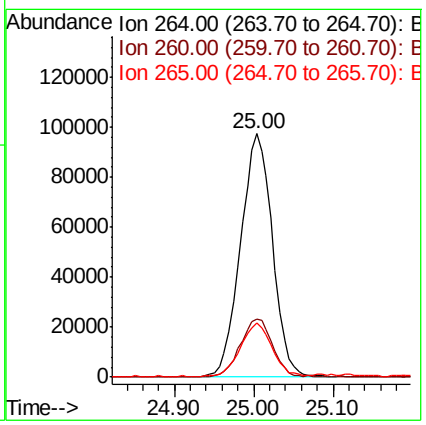


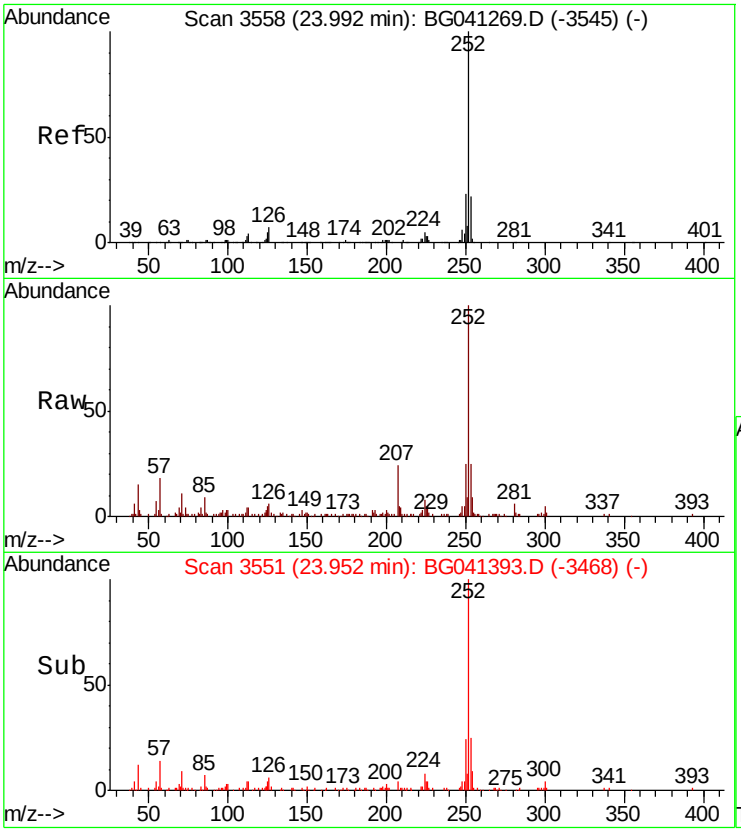


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:264 Resp: 272989

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.2
265	22.3	17.2	25.8



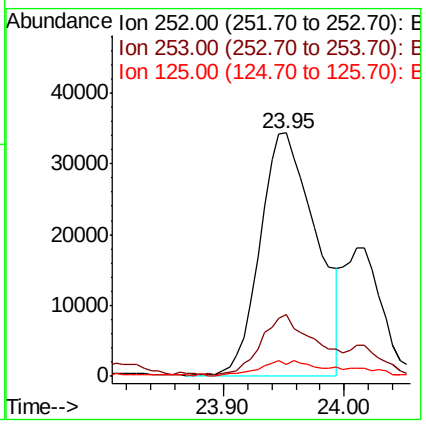


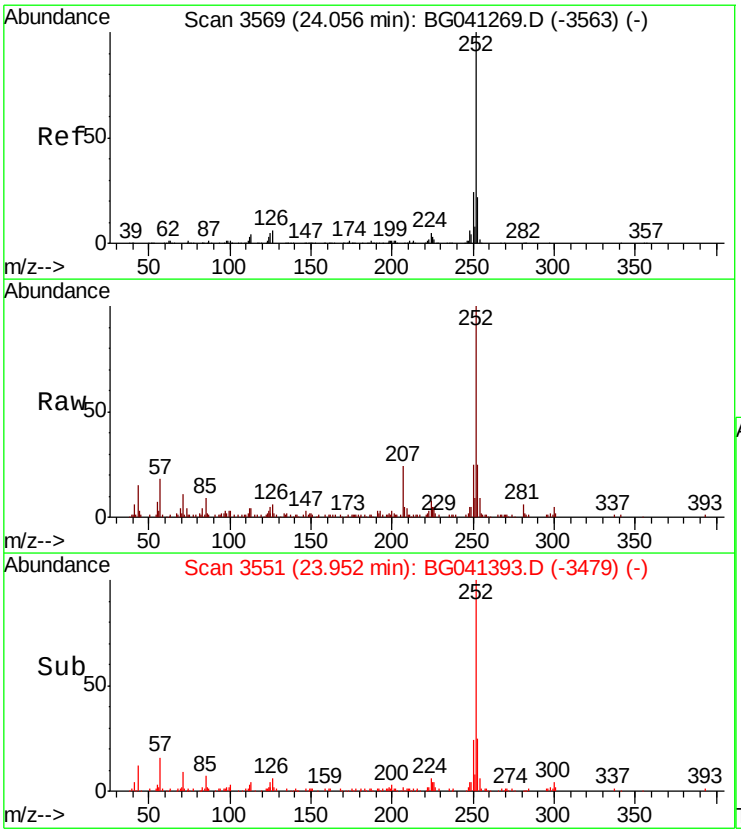
#88
Benzo(b)fluoranthene
Concen: 6.538 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.04 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:252 Resp: 110610

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.0
125	4.7	3.9	5.9

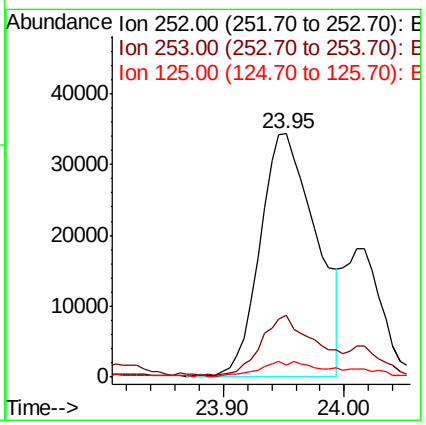


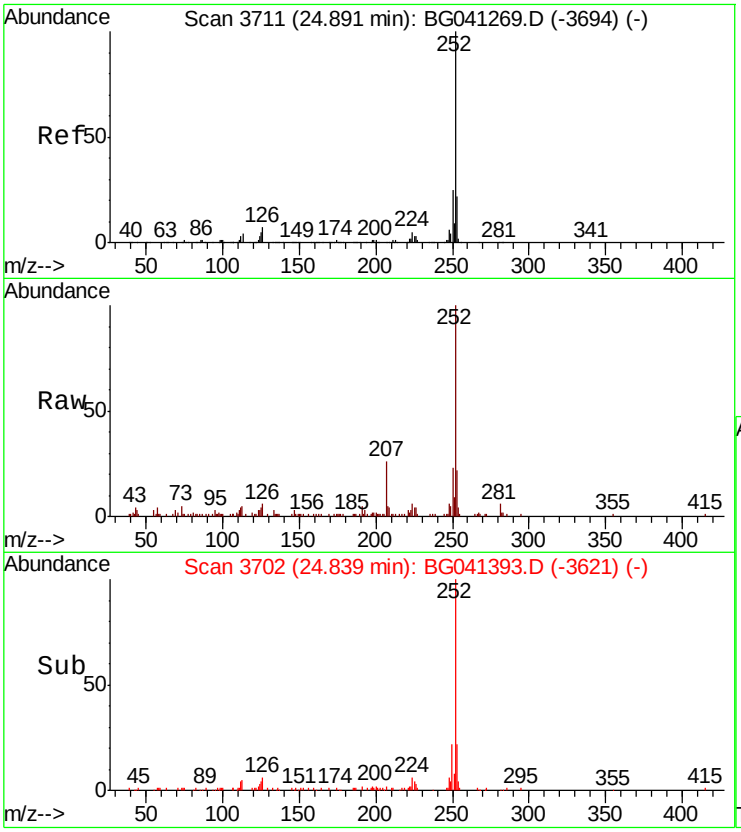


#89
Benzo(k)fluoranthene
Concen: 6.600 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.10 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:252 Resp: 110610

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	4.7	4.3	6.5



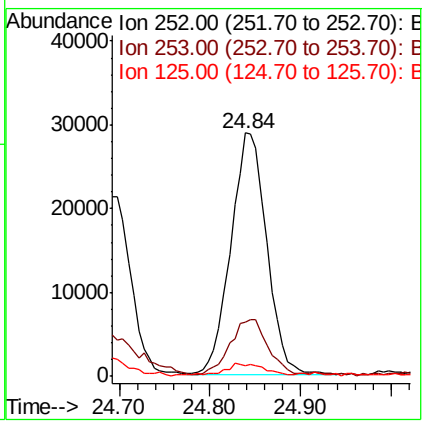


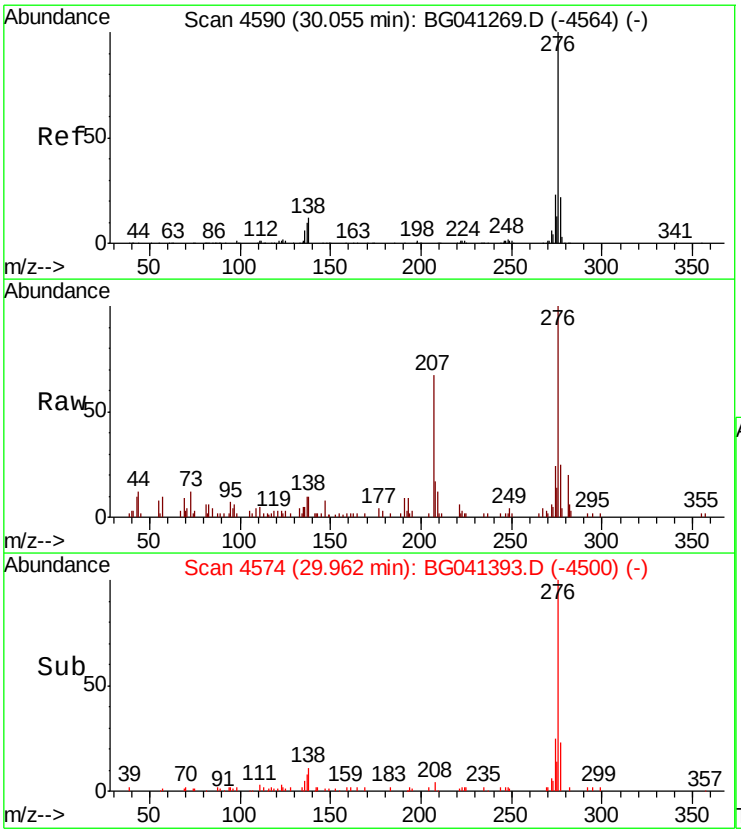
#90
Benzo(a)pyrene
Concen: 4.982 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.05 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Instrument :
BNA_G
ClientSampleId :
TP-5-DUCT-BANK

Tgt Ion:252 Resp: 79602

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	4.4	4.2	6.4





#92
Benzo(g,h,i)perylene
Concen: 3.425 ng
RT: 29.96 min Scan# 4574
Delta R.T. -0.09 min
Lab File: BG041393.D
Acq: 22 Jun 2019 3:22

Tgt Ion:276 Resp: 54450

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	10.5	9.4	14.0