Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
Data File : BG060850.D
Acq On : 10 Apr 2024 15:10
Operator : MA/JU
Sample : P2027-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Quant Time: Apr 10 15:44:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	59463	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	229540	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	173885	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	408249	20.000	ng	-0.01
76) Chrysene-d12	21.578	240	417958	20.000	ng	-0.03
86) Perylene-d12	24.709	264	506107	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	222711	62.394	ng	0.00
7) Phenol-d6	7.106	99	316741	59.780	ng	0.00
23) Nitrobenzene-d5	9.098	82	219825	54.647	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	137580	69.700	ng	-0.01
45) 2-Fluorobiphenyl	13.199	172	572890	48.353	ng	-0.02
79) Terphenyl-d14	19.944	244	1173088	49.422	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	30116	7.453	ng	# 71
24) Nitrobenzene	9.092	77	893	2.961	ng	# 36
26) 2-Nitrophenol	10.150	139	54	2.998	ng	# 31
32) Benzoic acid	10.044	122	63	6.858	ng	# 1
48) 2-Nitroaniline	13.616	65	64	2.813	ng	# 11
51) 2,6-Dinitrotoluene	14.574	165	23281	12.266	ng	# 20
53) 3-Nitroaniline	14.310	138	55	2.870	ng	# 1
57) 2,4-Dinitrotoluene	14.574	165	23281	10.311	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.061	198	408	7.241	ng	# 1
67) 4-Bromophenyl-phenylether	16.061	248	9466	2.285	ng	# 1

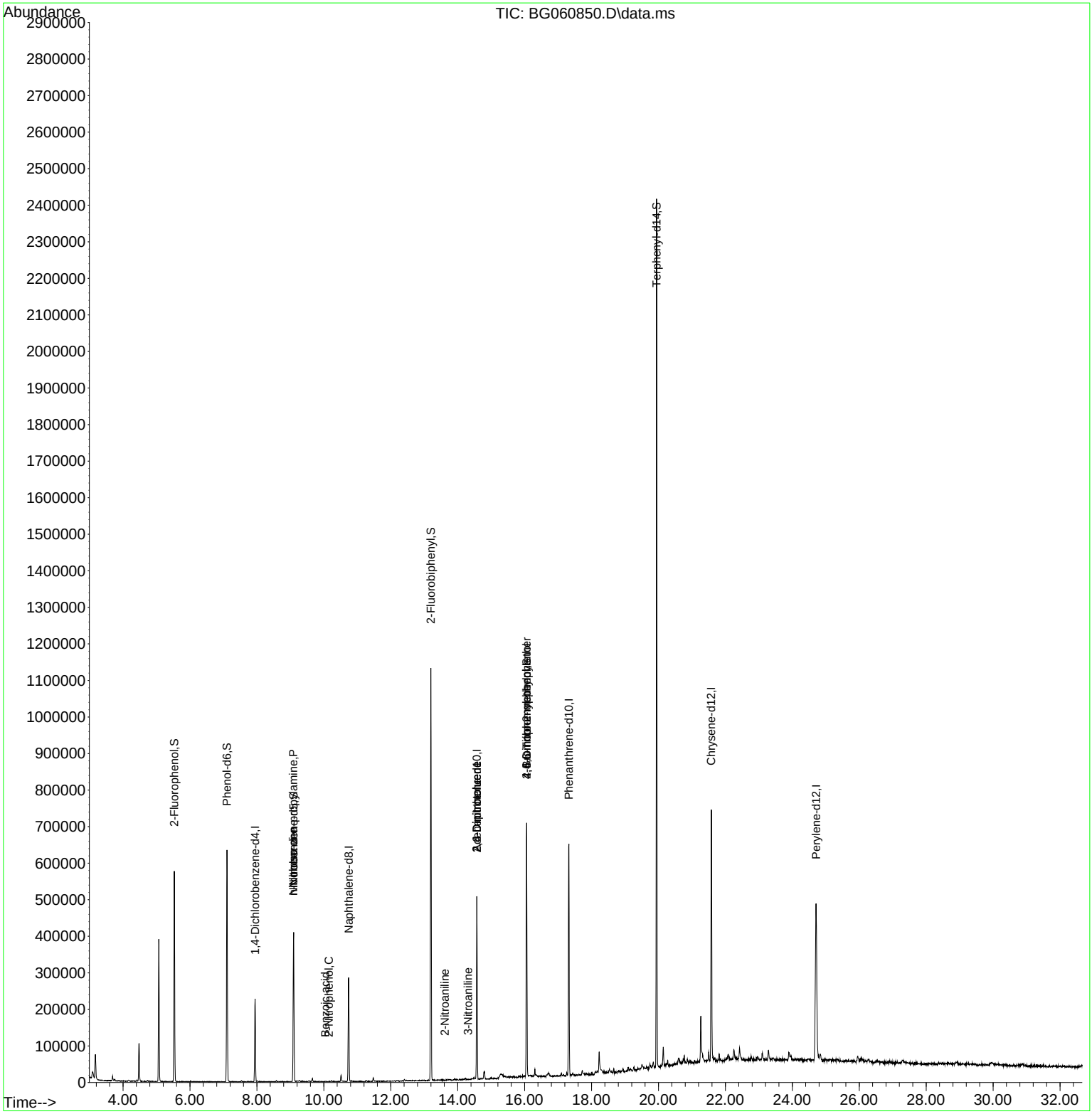
(#) = qualifier out of range (m) = manual integration (+) = signals summed

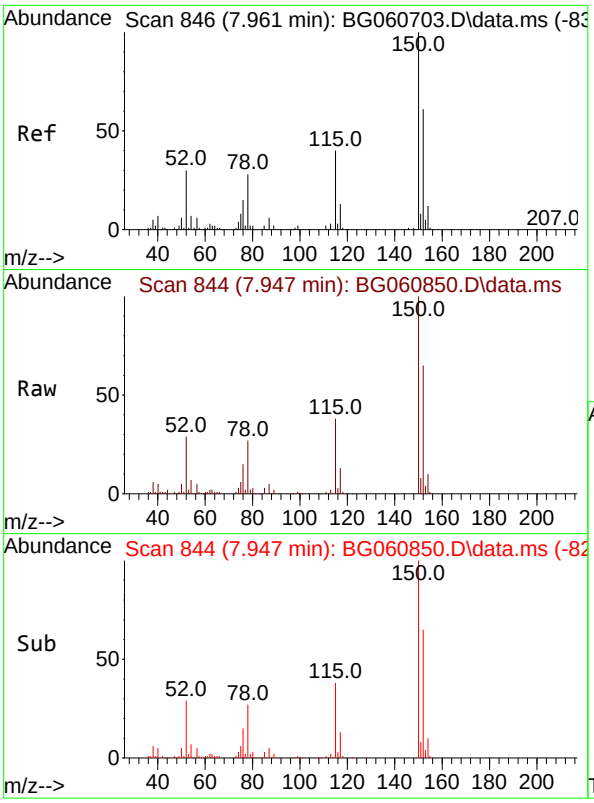
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
Data File : BG060850.D
Acq On : 10 Apr 2024 15:10
Operator : MA/JU
Sample : P2027-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Quant Time: Apr 10 15:44:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration



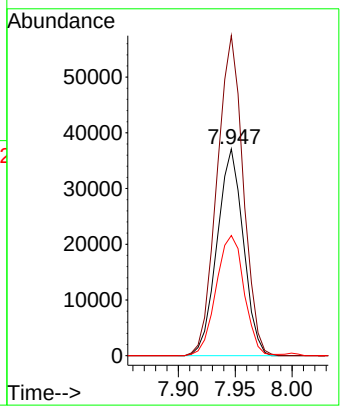


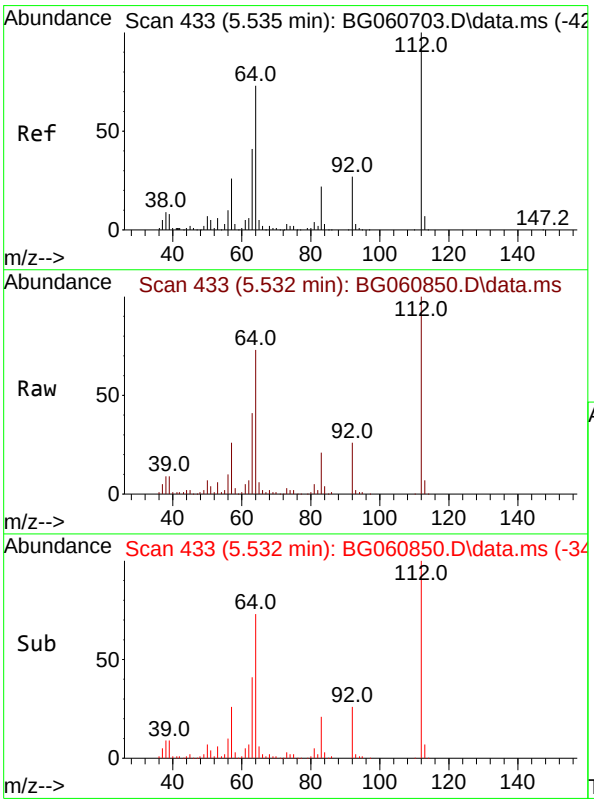
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. -0.014 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion:152 Resp: 59463

Ion	Ratio	Lower	Upper
152	100		
150	154.8	130.2	195.4
115	58.1	51.6	77.4

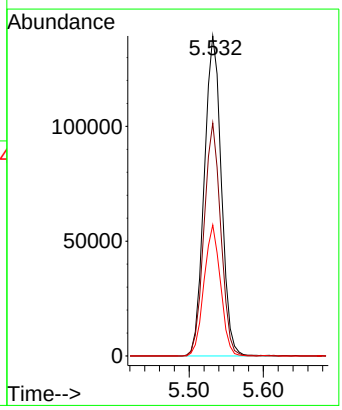


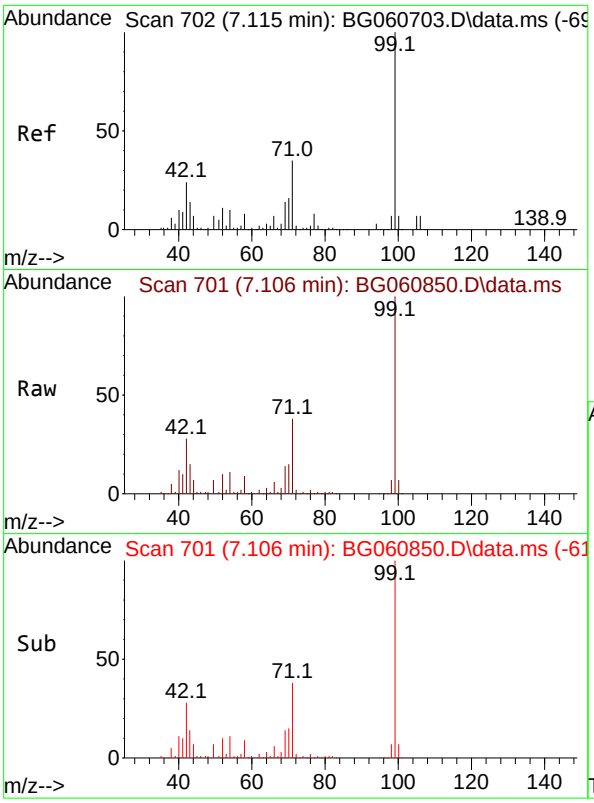


#5
2-Fluorophenol
Concen: 62.394 ng
RT: 5.532 min Scan# 433
Delta R.T. -0.003 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:112 Resp: 222711

Ion	Ratio	Lower	Upper
112	100		
64	72.8	58.4	87.6
63	41.0	32.7	49.1



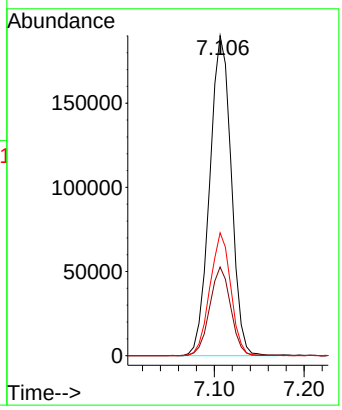


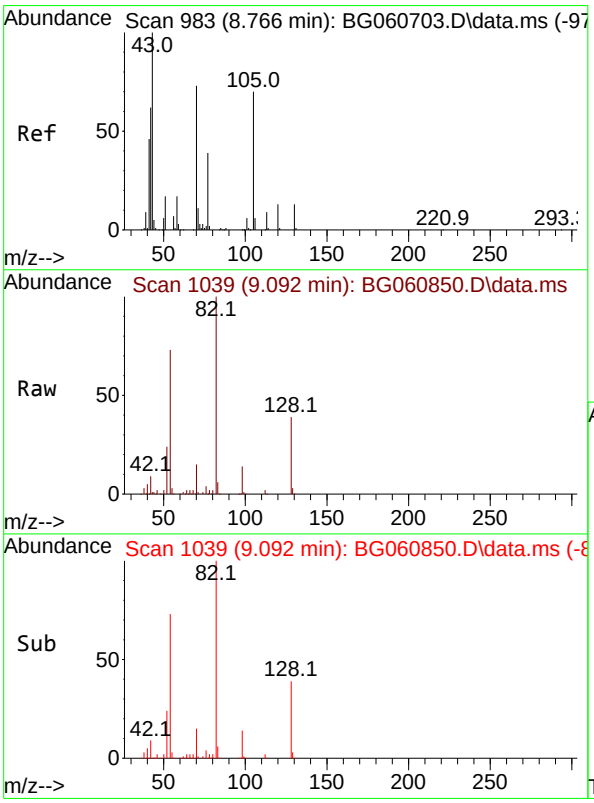
#7
Phenol-d6
Concen: 59.780 ng
RT: 7.106 min Scan# 7(
Delta R.T. -0.009 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion: 99 Resp: 316741

Ion	Ratio	Lower	Upper
99	100		
42	27.7	19.4	29.2
71	38.4	28.2	42.2

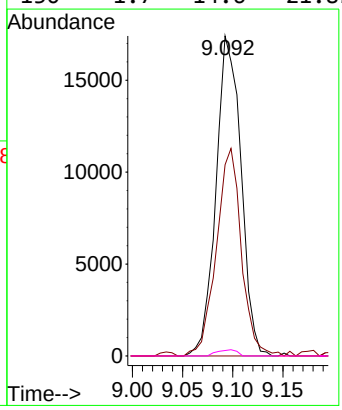


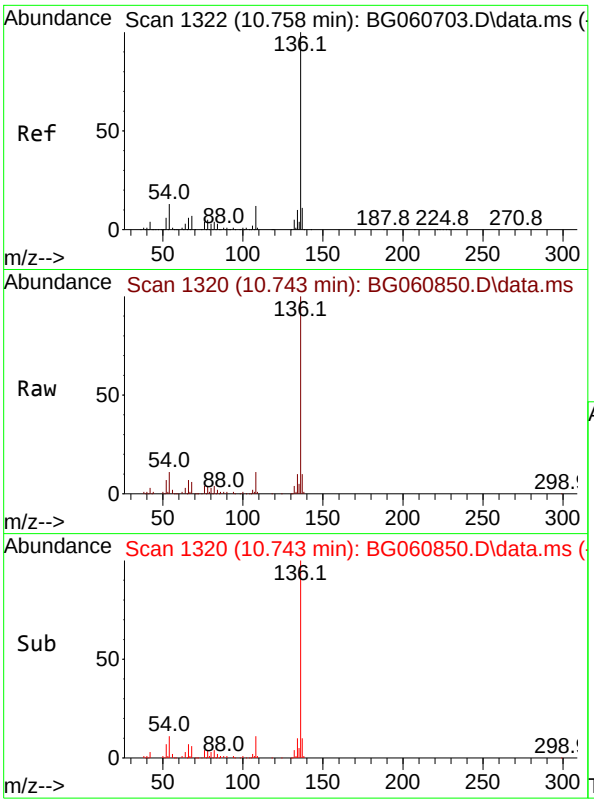


#19
n-Nitroso-di-n-propylamine
Concen: 7.453 ng
RT: 9.092 min Scan# 1039
Delta R.T. 0.326 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion: 70 Resp: 30116

Ion	Ratio	Lower	Upper
70	100		
42	59.8	68.4	102.6#
101	0.0	6.1	9.1#
130	1.7	14.6	21.8#



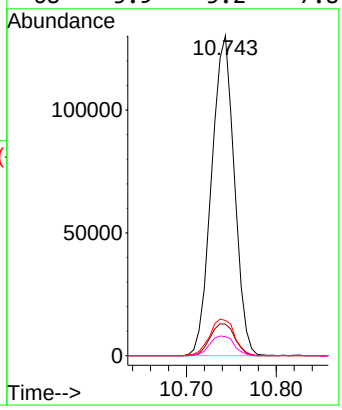


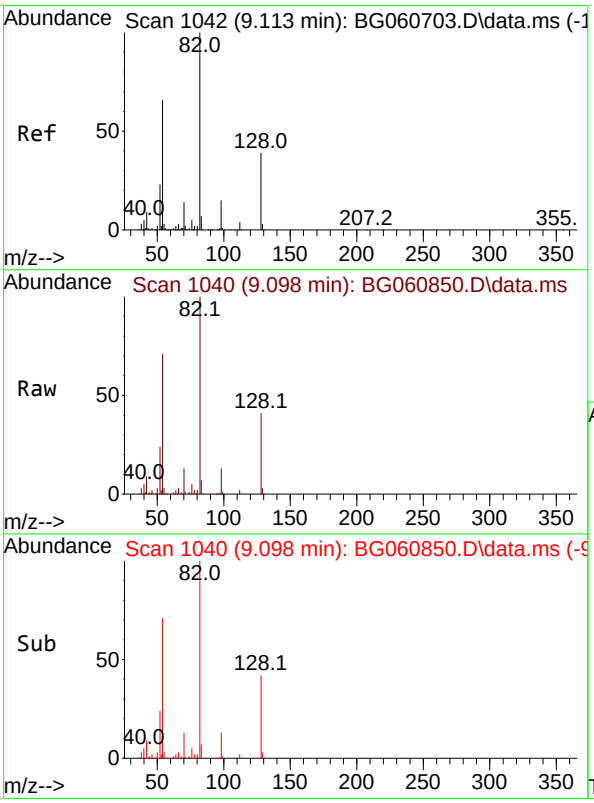
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion:136 Resp: 229540

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.8	13.2
54	11.0	10.2	15.2
68	5.9	5.2	7.8

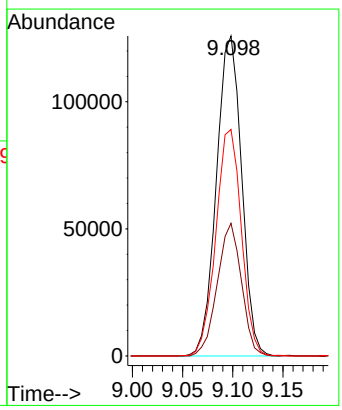


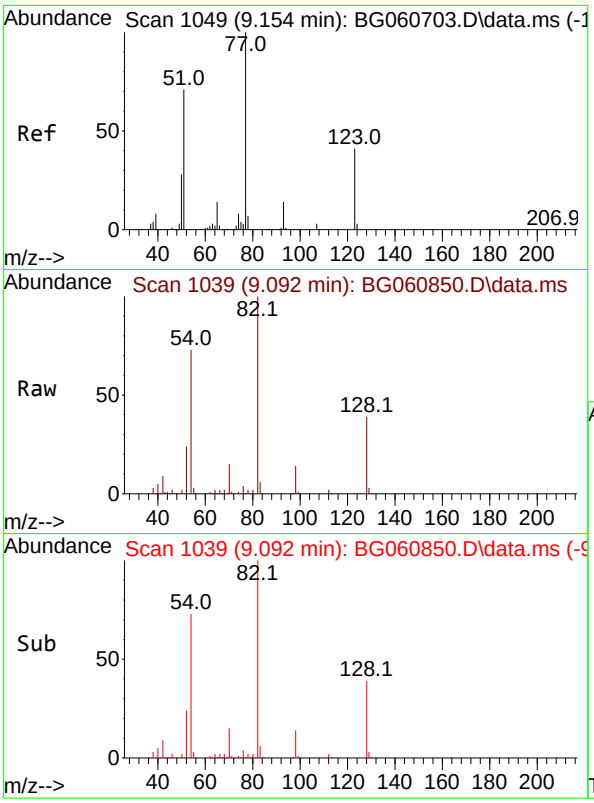


#23
Nitrobenzene-d5
Concen: 54.647 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.015 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion: 82 Resp: 219825

Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.2	46.8
54	70.8	53.2	79.8



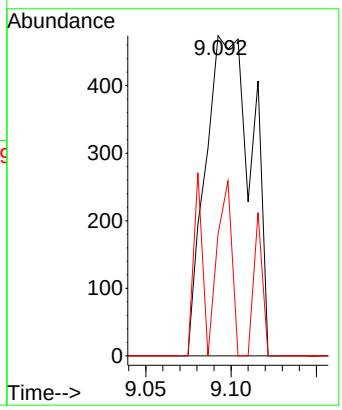


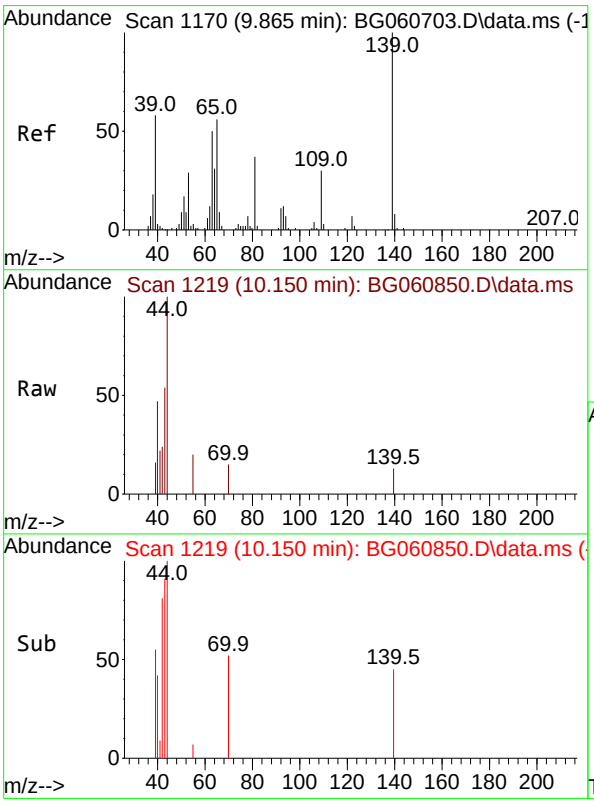
#24
Nitrobenzene
Concen: 2.961 ng
RT: 9.092 min Scan# 1
Delta R.T. -0.062 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion: 77 Resp: 893

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.7	49.1#
65	38.0	11.3	16.9#

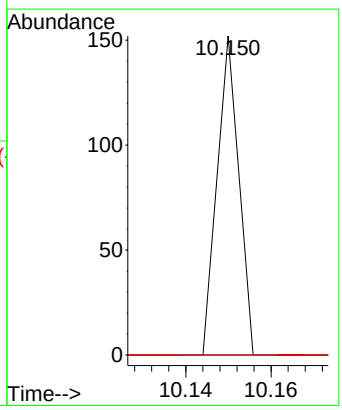


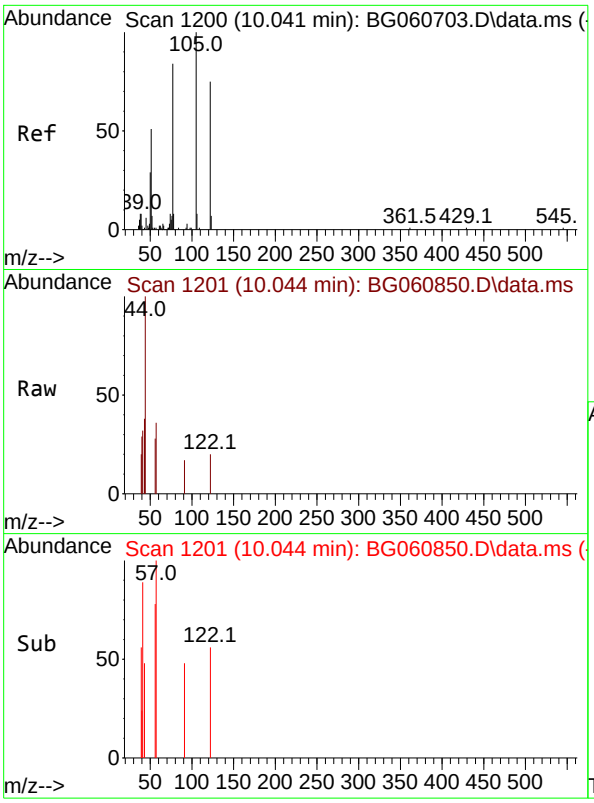


#26
2-Nitrophenol
Concen: 2.998 ng
RT: 10.150 min Scan# 1219
Delta R.T. 0.285 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:139 Resp: 54

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.9	35.9#
65	0.0	44.5	66.7#



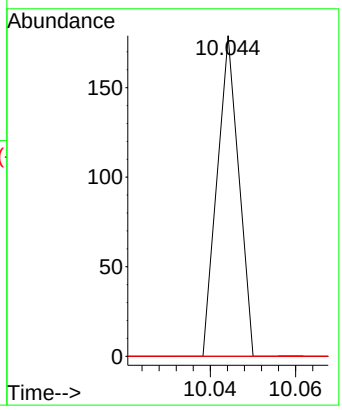


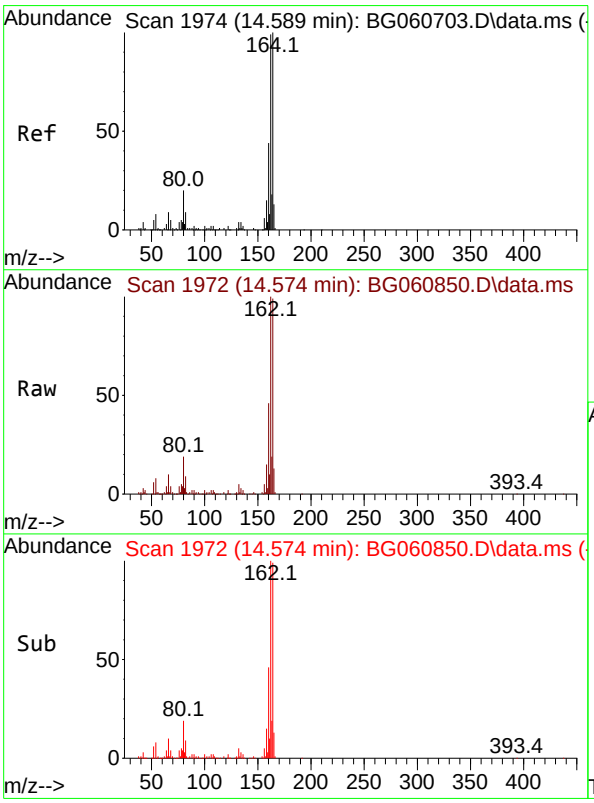
#32
Benzoic acid
Concen: 6.858 ng
RT: 10.044 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.5	144.5#
77	0.0	85.3	125.3#

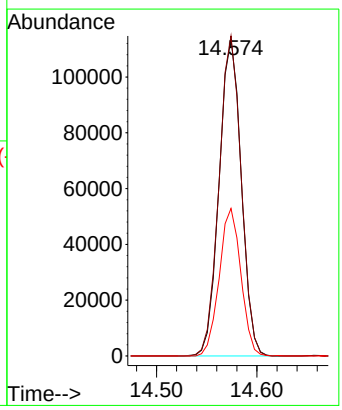


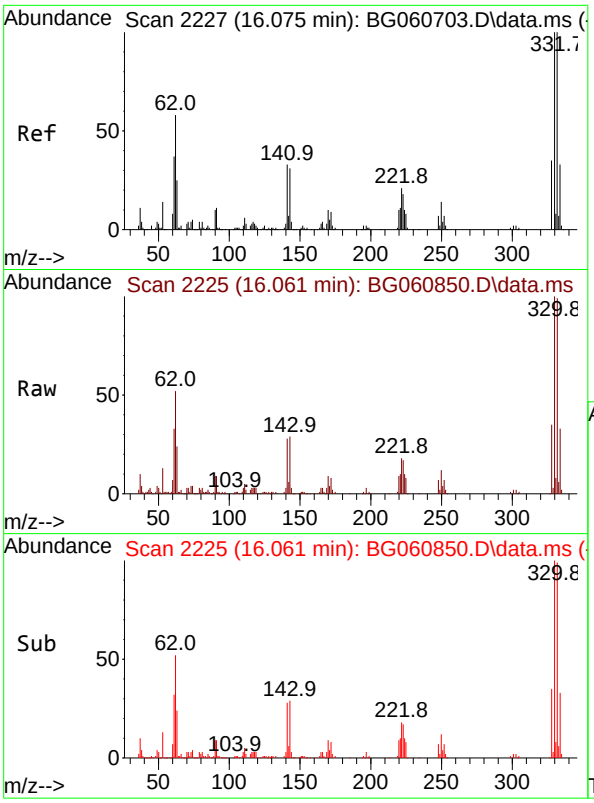


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.015 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:164 Resp: 173885

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.5	119.3
160	46.5	35.4	53.0



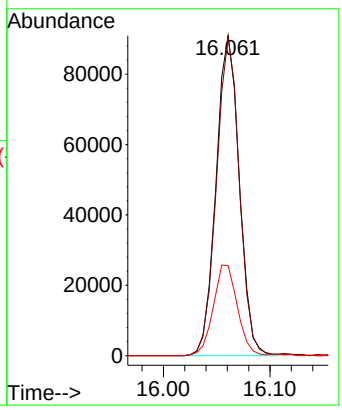


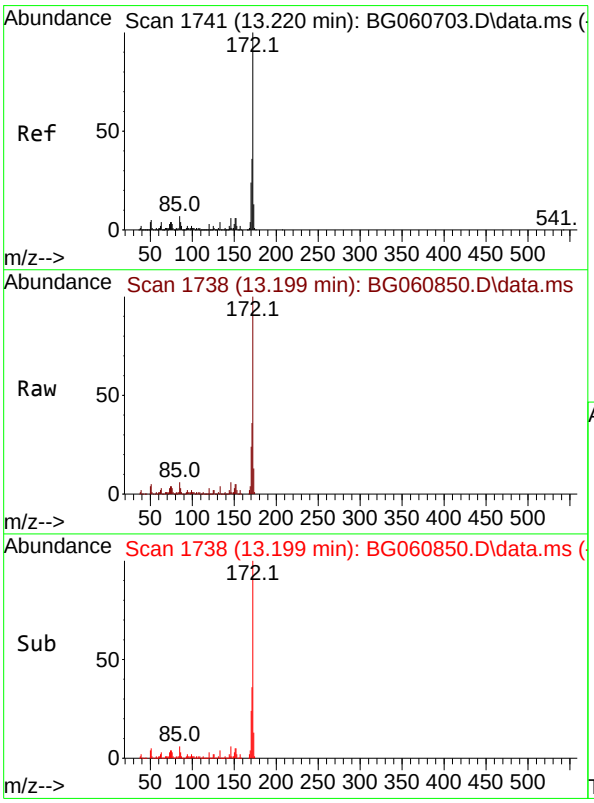
#42
2,4,6-Tribromophenol
Concen: 69.700 ng
RT: 16.061 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion:330 Resp: 137580

Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.2	117.4
141	29.7	27.0	40.6

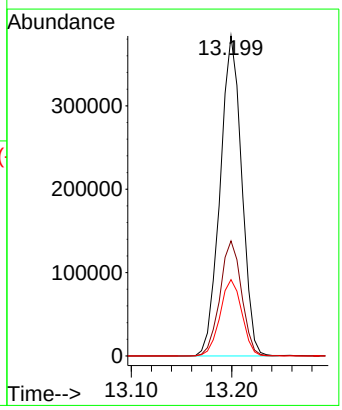


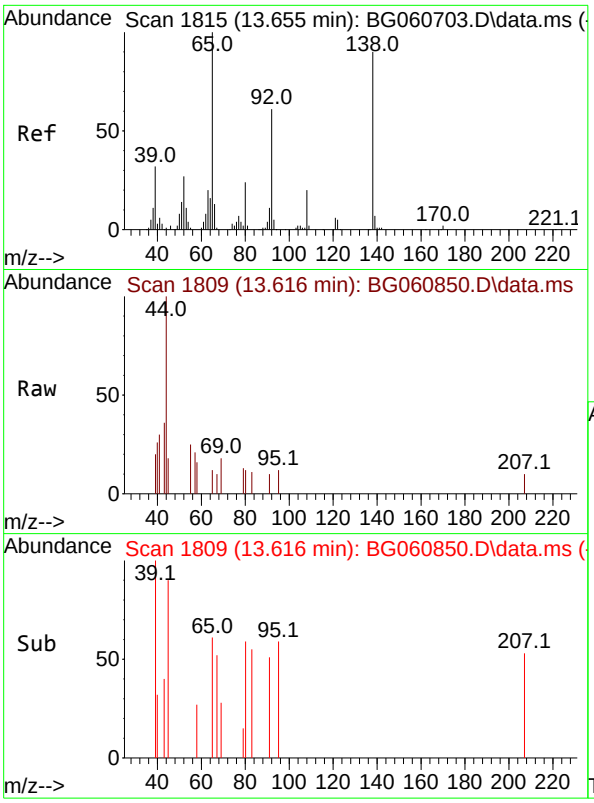


#45
2-Fluorobiphenyl
Concen: 48.353 ng
RT: 13.199 min Scan# 1738
Delta R.T. -0.021 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:172 Resp: 572890

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.9	19.4	29.0



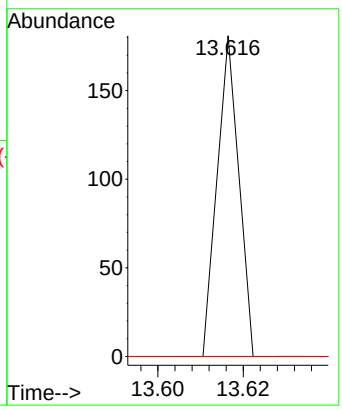


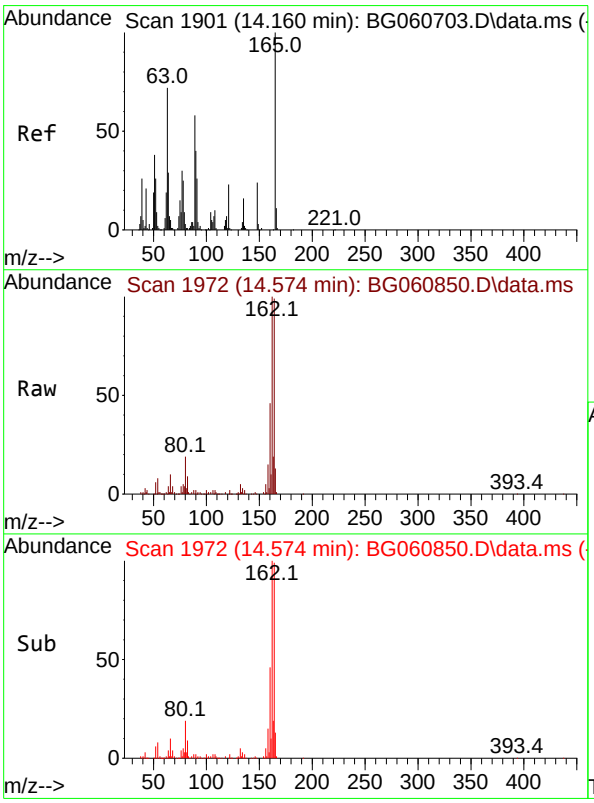
#48
2-Nitroaniline
Concen: 2.813 ng
RT: 13.616 min Scan# 1
Delta R.T. -0.039 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion: 65 Resp: 64

Ion	Ratio	Lower	Upper
65	100		
92	0.0	48.6	72.8#
138	0.0	72.2	108.4#

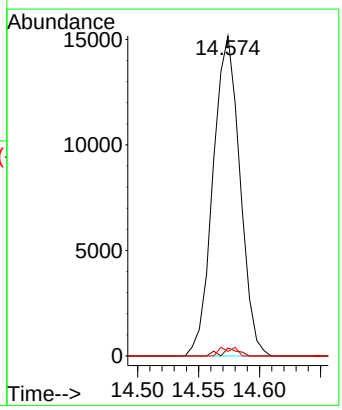


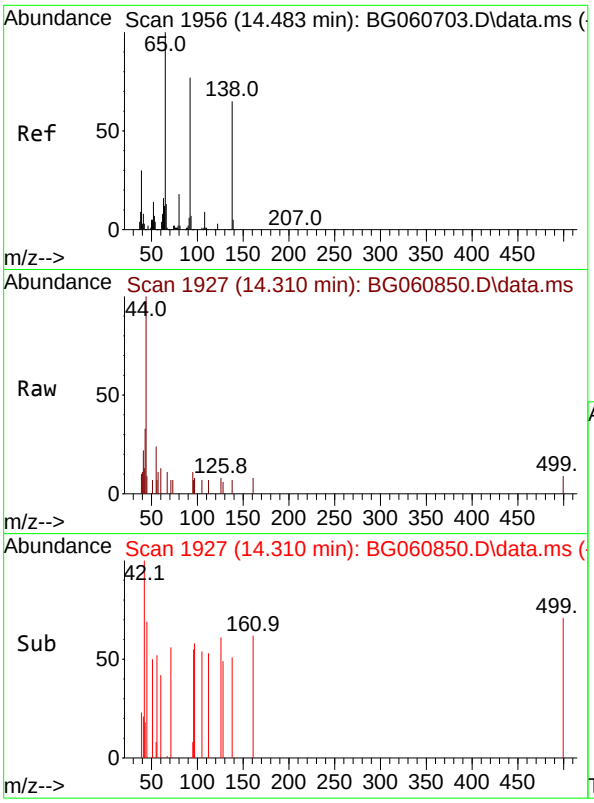


#51
2,6-Dinitrotoluene
Concen: 12.266 ng
RT: 14.574 min Scan# 1972
Delta R.T. 0.414 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:165 Resp: 23281

Ion	Ratio	Lower	Upper
165	100		
63	2.5	58.2	87.4#
89	1.4	46.1	69.1#



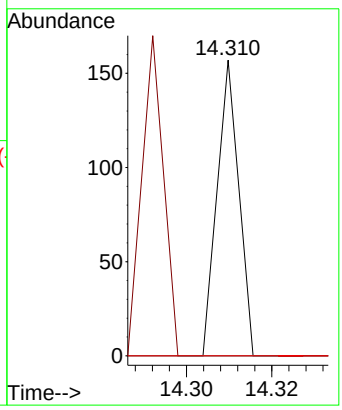


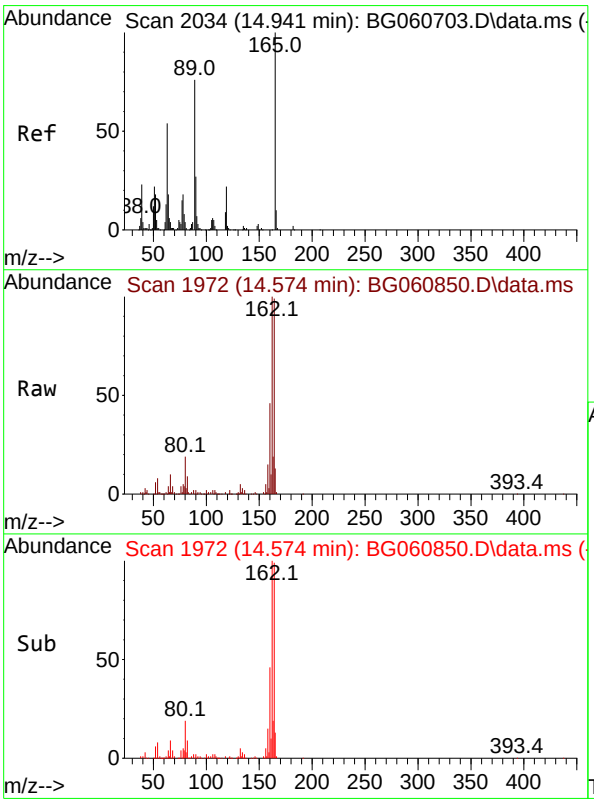
#53
3-Nitroaniline
Concen: 2.870 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.173 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion:138 Resp: 55

Ion	Ratio	Lower	Upper
138	100		
108	0.0	11.3	16.9#
92	0.0	94.1	141.1#

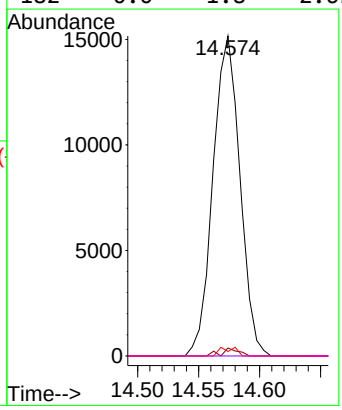


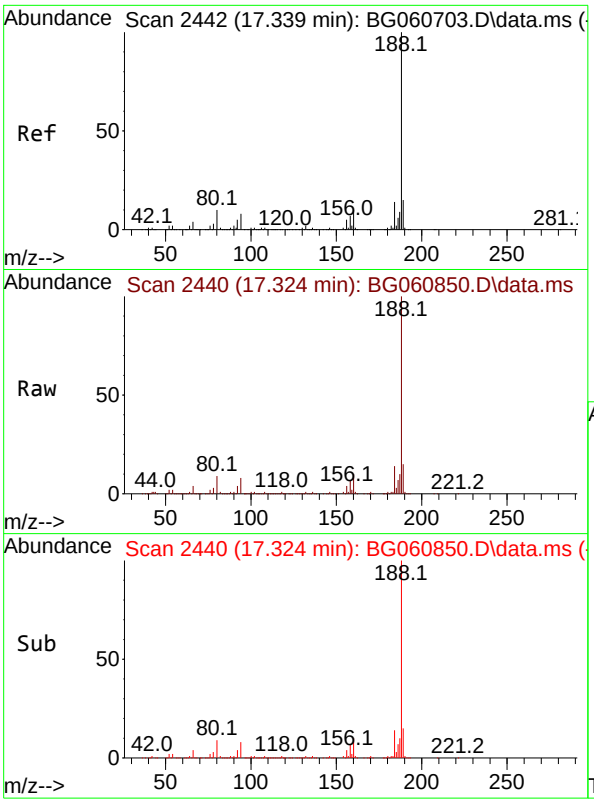


#57
2,4-Dinitrotoluene
Concen: 10.311 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.367 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:165 Resp: 23281

Ion	Ratio	Lower	Upper
165	100		
63	2.5	43.4	65.0#
89	1.4	61.0	91.6#
182	0.0	1.8	2.6#



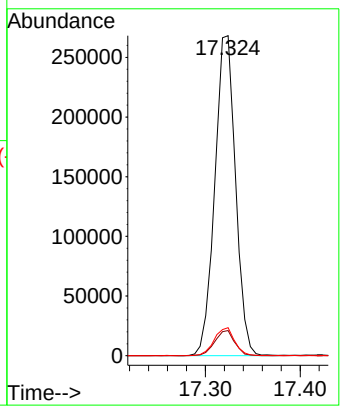


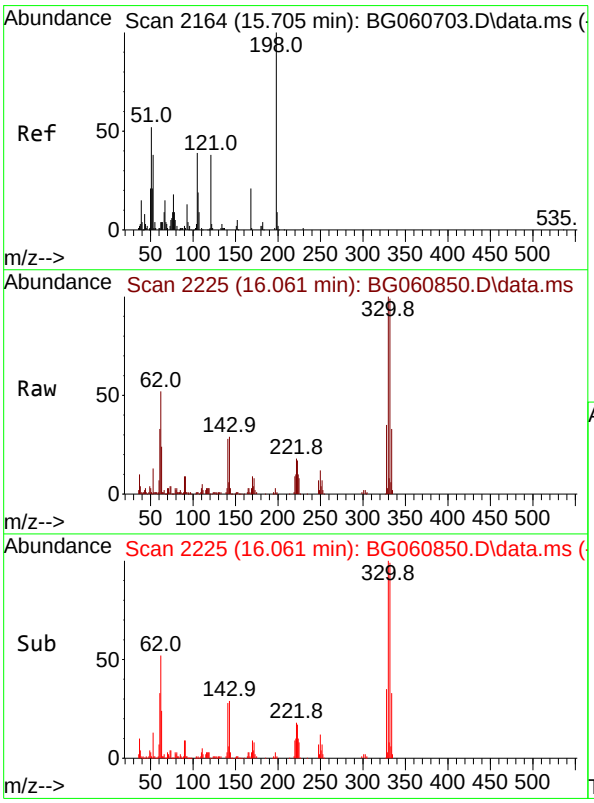
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 24
Delta R.T. -0.015 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion:188 Resp: 408249

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.6	9.8
80	8.7	7.6	11.4

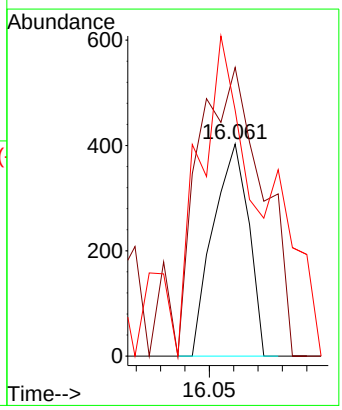


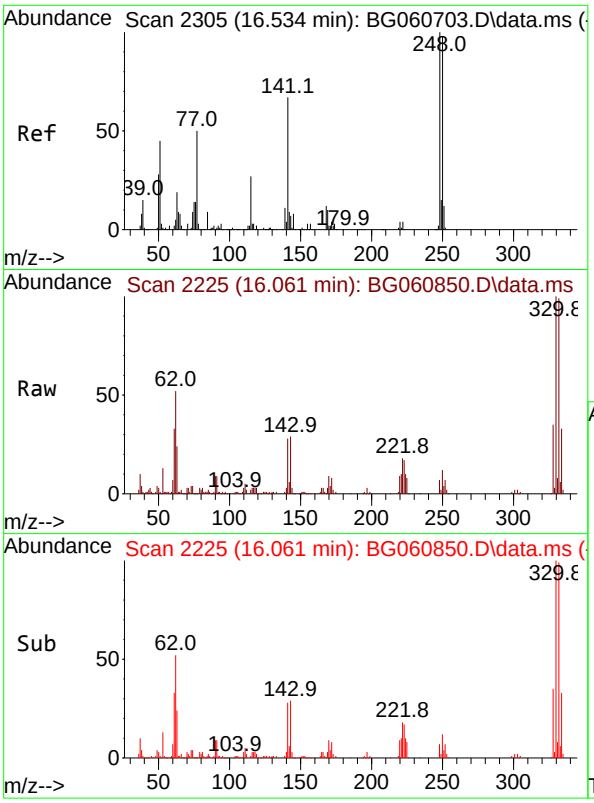


#65
4,6-Dinitro-2-methylphenol
Concen: 7.241 ng
RT: 16.061 min Scan# 2225
Delta R.T. 0.356 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:198 Resp: 408

Ion	Ratio	Lower	Upper
198	100		
51	136.0	36.7	76.7#
105	115.9	19.1	59.1#



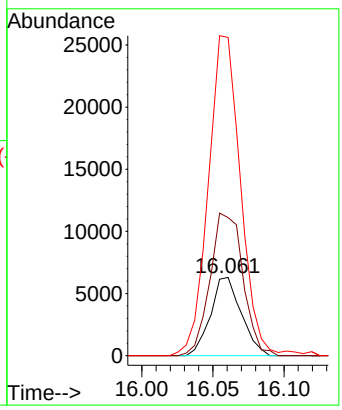


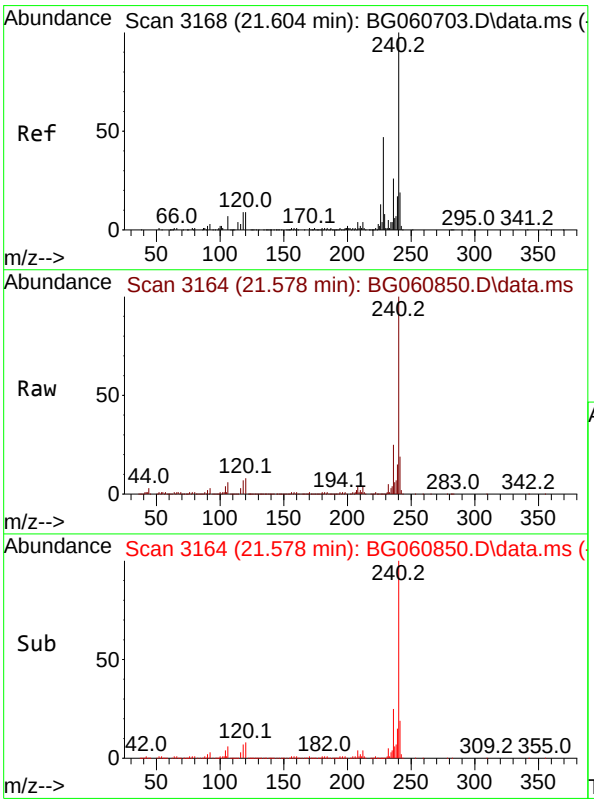
#67
4-Bromophenyl-phenylether
Concen: 2.285 ng
RT: 16.061 min Scan# 2
Delta R.T. -0.473 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion:248 Resp: 9466

Ion	Ratio	Lower	Upper
248	100		
250	176.6	78.3	117.5#
141	407.0	53.7	80.5#

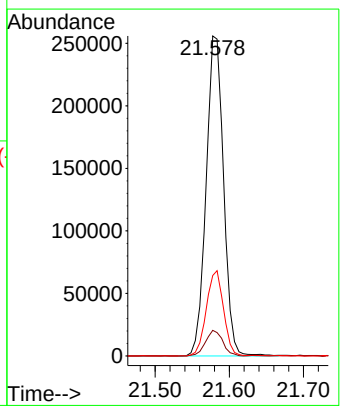


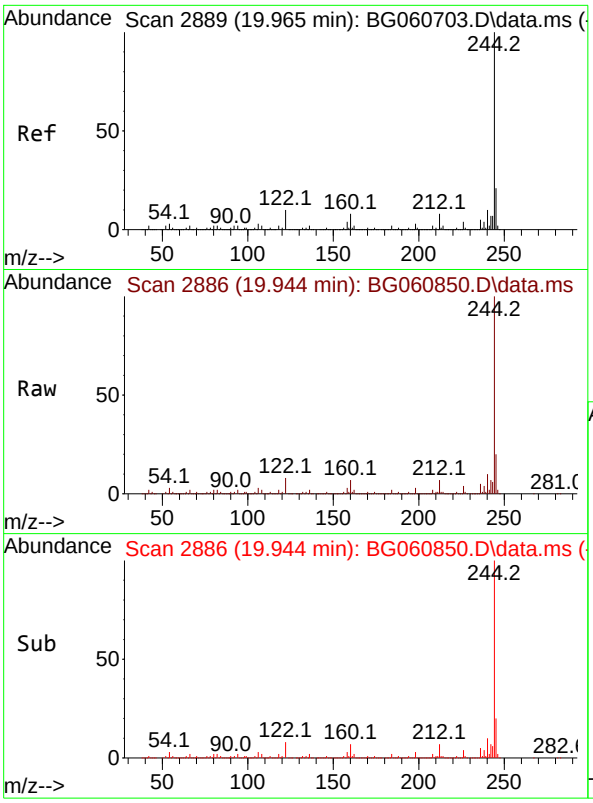


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.027 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:240 Resp: 417958

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.1	10.7
236	25.2	20.7	31.1



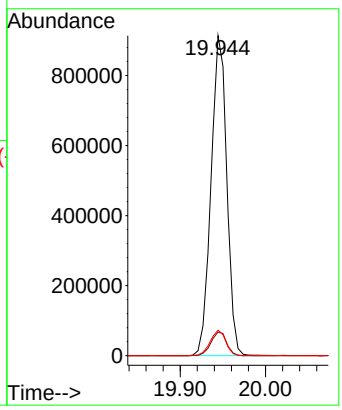


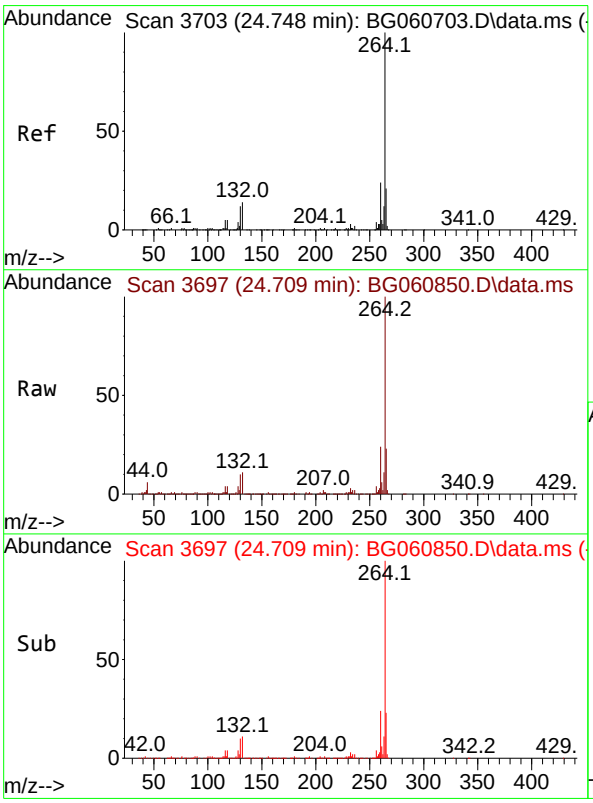
#79
Terphenyl-d14
Concen: 49.422 ng
RT: 19.944 min Scan# 2
Delta R.T. -0.021 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

Tgt Ion:244 Resp: 1173088

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.0	7.8	11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.709 min Scan# 3697
Delta R.T. -0.038 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:264 Resp: 506107

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	23.0	16.9	25.3