Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060215.D
Acq On : 3 Jan 2024 5:58
Operator : MA/JU
Sample : 05899-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 07:16:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	214048	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	948245	20.000	ng	0.00
39) Acenaphthene-d10	14.572	164	773869	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1887195	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1567652	20.000	ng	0.00
86) Perylene-d12	24.760	264	1745907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1441962	101.679	ng	0.00
7) Phenol-d6	7.099	99	2056543	97.669	ng	0.00
23) Nitrobenzene-d5	9.096	82	1201346	58.519	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	961420	92.810	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	3071091	57.036	ng	0.00
79) Terphenyl-d14	19.942	244	4323924	53.027	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.096	70	149284	10.378	ng	# 81
31) Naphthalene	10.788	128	256647	5.127	ng	99
32) Benzoic acid	10.054	122	193	10.287	ng	# 51
37) 2-Methylnaphthalene	12.398	142	175316	4.848	ng	97
38) 1-Methylnaphthalene	12.616	142	109418	2.993	ng	# 94
51) 2,6-Dinitrotoluene	14.572	165	104628	8.419	ng	# 29
54) 2,4-Dinitrophenol	14.684	184	97	8.248	ng	# 68
56) 4-Nitrophenol	14.972	139	30914	3.493	ng	# 9
57) 2,4-Dinitrotoluene	14.572	165	104628	6.192	ng	# 27
67) 4-Bromophenyl-phenylether	16.065	248	57578	2.878	ng	# 1

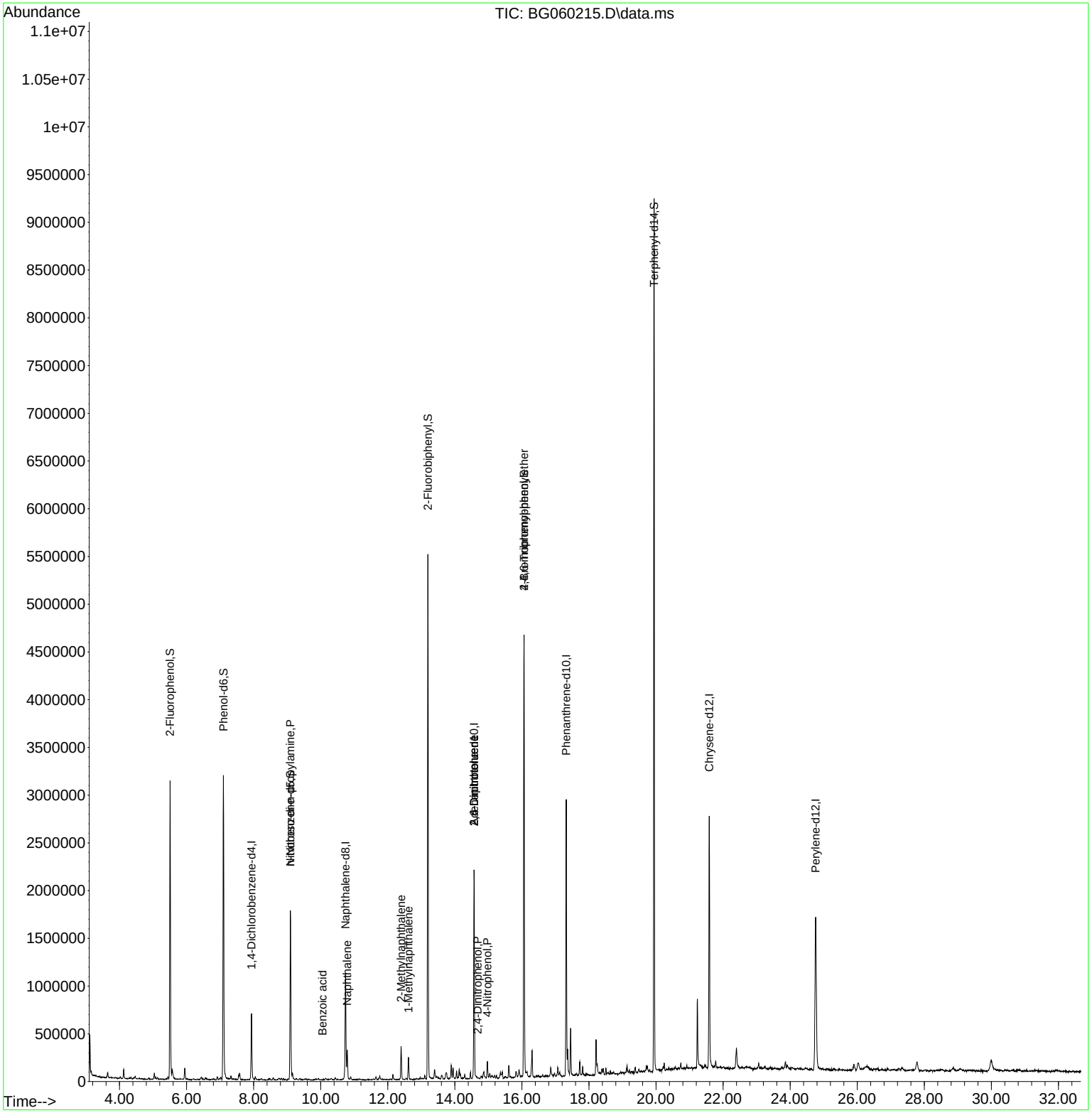
(#) = qualifier out of range (m) = manual integration (+) = signals summed

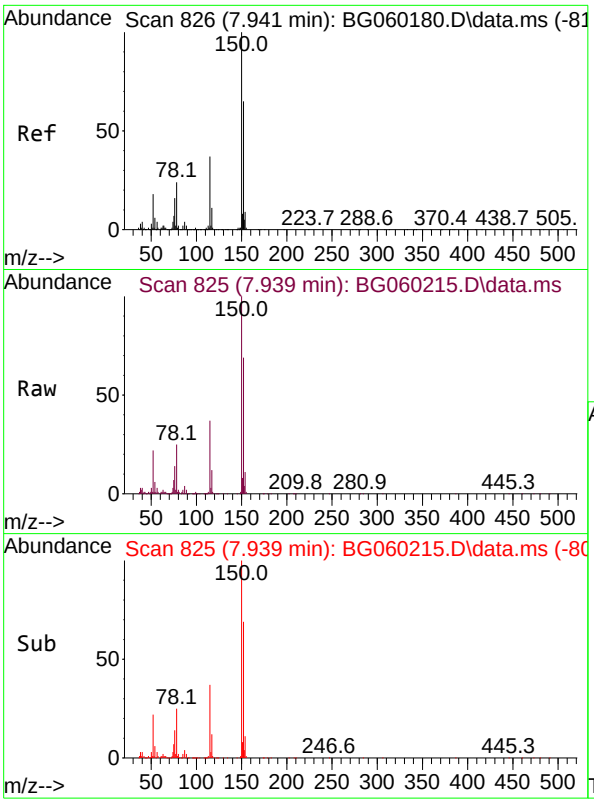
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060215.D
Acq On : 3 Jan 2024 5:58
Operator : MA/JU
Sample : 05899-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 07:16:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration



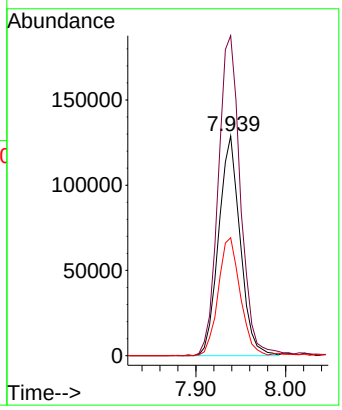


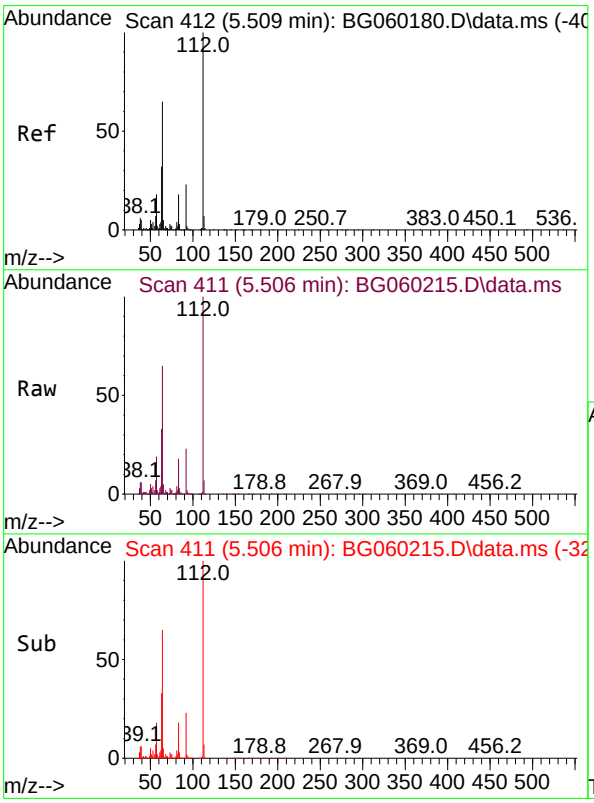
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 214048

Ion	Ratio	Lower	Upper
152	100		
150	145.6	123.4	185.0
115	53.7	45.4	68.0

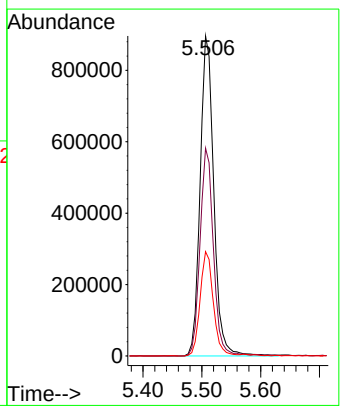


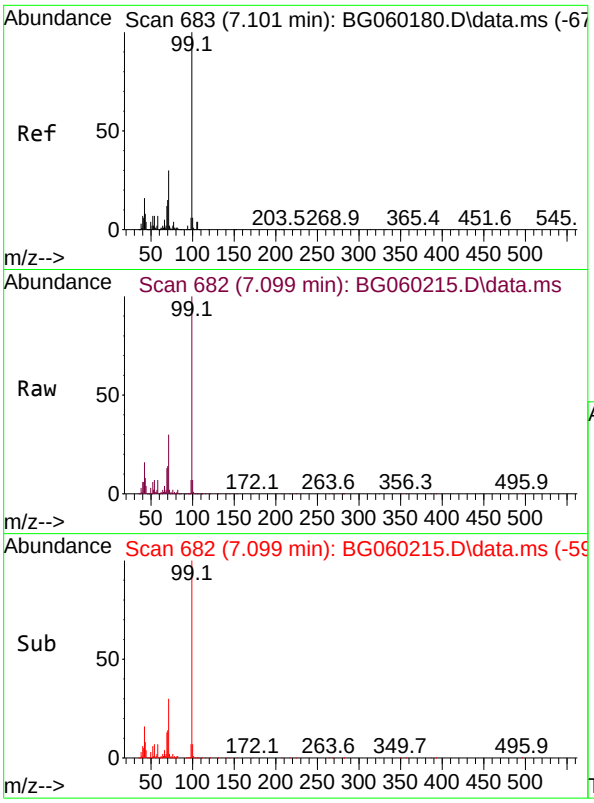


#5
2-Fluorophenol
Concen: 101.679 ng
RT: 5.506 min Scan# 411
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:112 Resp: 1441962

Ion	Ratio	Lower	Upper
112	100		
64	65.0	52.2	78.4
63	32.6	25.4	38.0



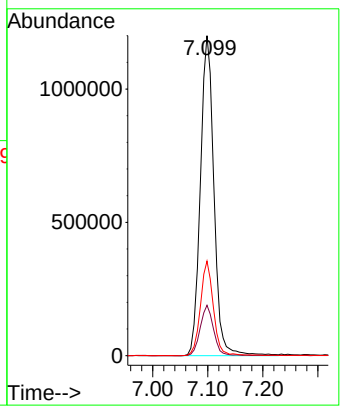


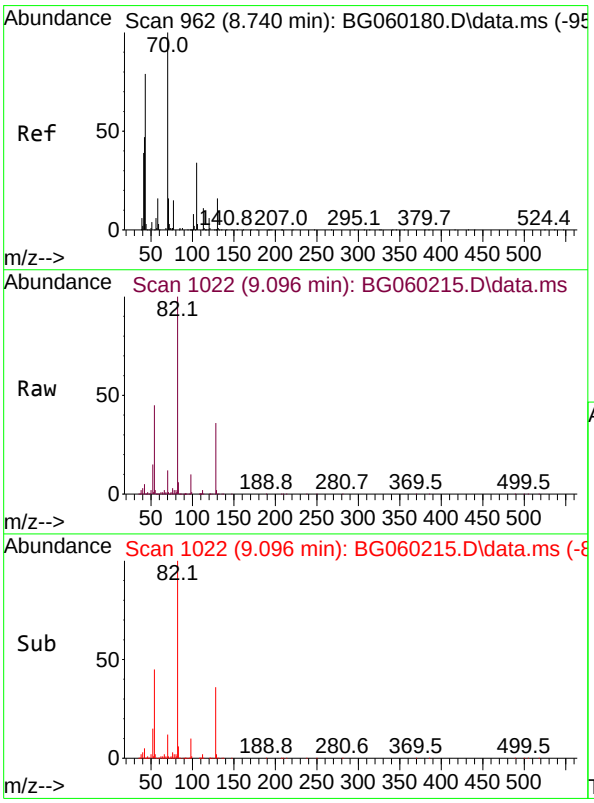
#7
Phenol-d6
Concen: 97.669 ng
RT: 7.099 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 2056543

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.5	18.7
71	29.6	24.1	36.1

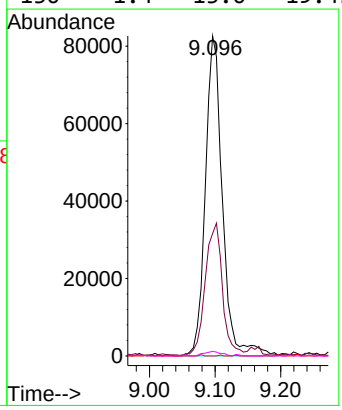


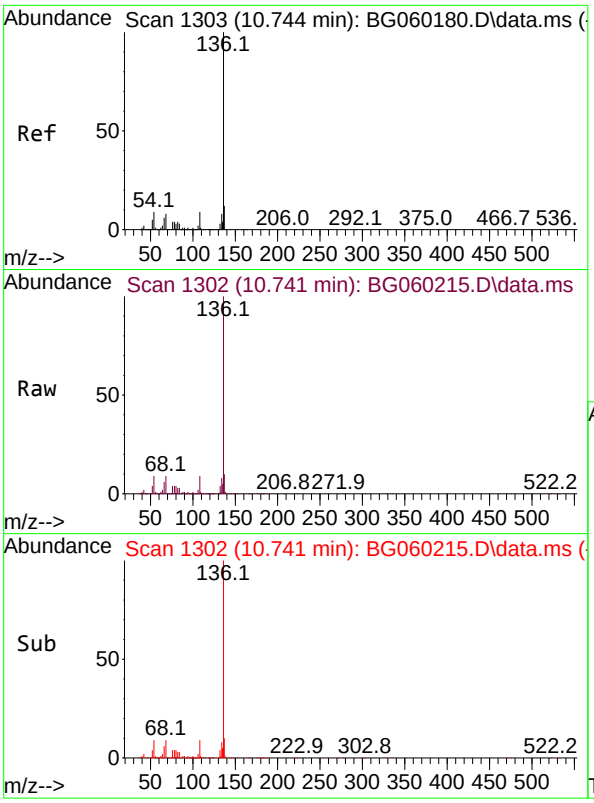


#19
n-Nitroso-di-n-propylamine
Concen: 10.378 ng
RT: 9.096 min Scan# 1022
Delta R.T. 0.356 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion: 70 Resp: 149284

Ion	Ratio	Lower	Upper
70	100		
42	38.2	37.9	56.9
101	0.0	6.2	9.2#
130	1.4	13.0	19.4#



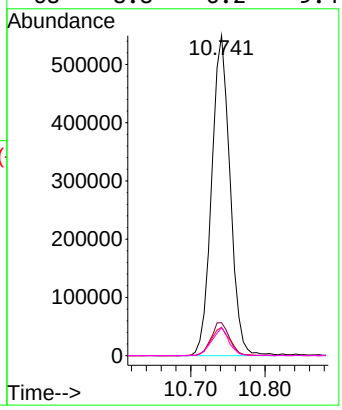


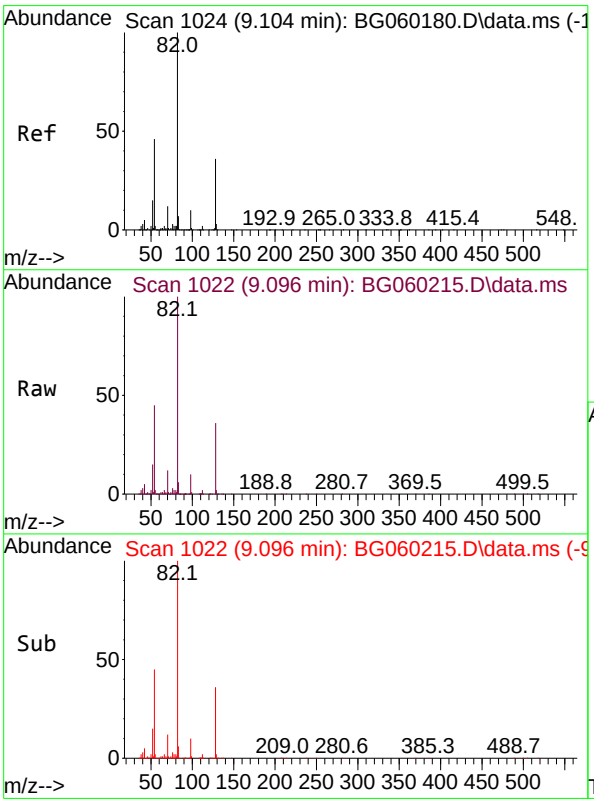
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 948245

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.0
54	8.9	7.4	11.2
68	8.8	6.2	9.4

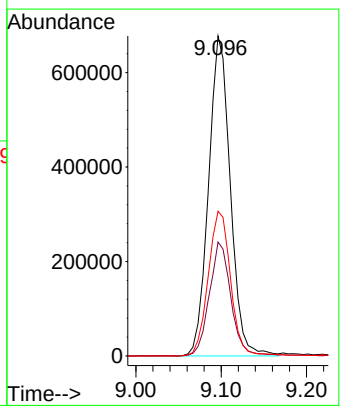


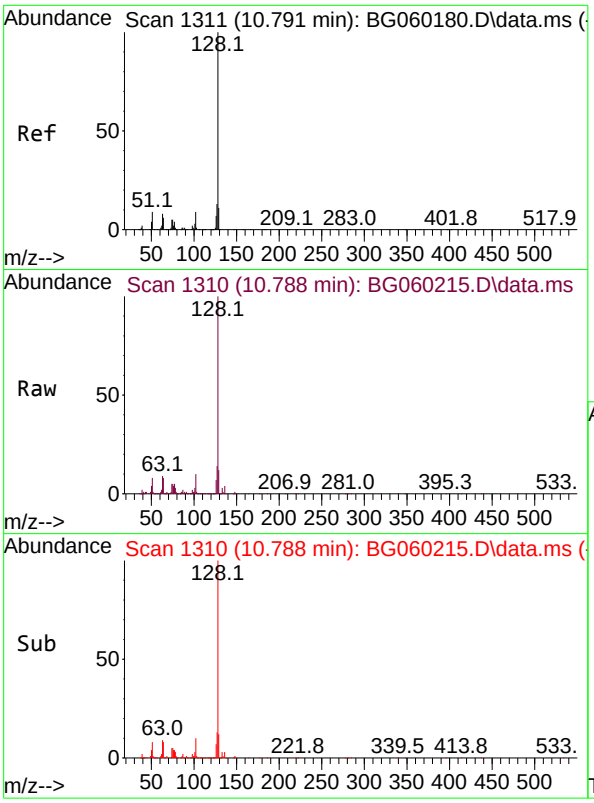


#23
Nitrobenzene-d5
Concen: 58.519 ng
RT: 9.096 min Scan# 1022
Delta R.T. -0.008 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion: 82 Resp: 1201346

Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.7	43.1
54	45.2	36.9	55.3



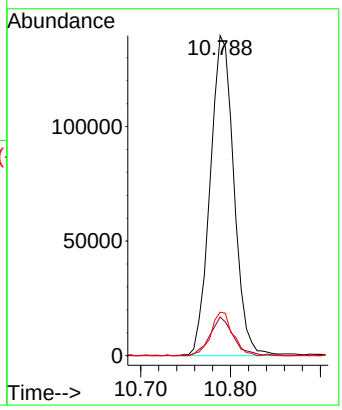


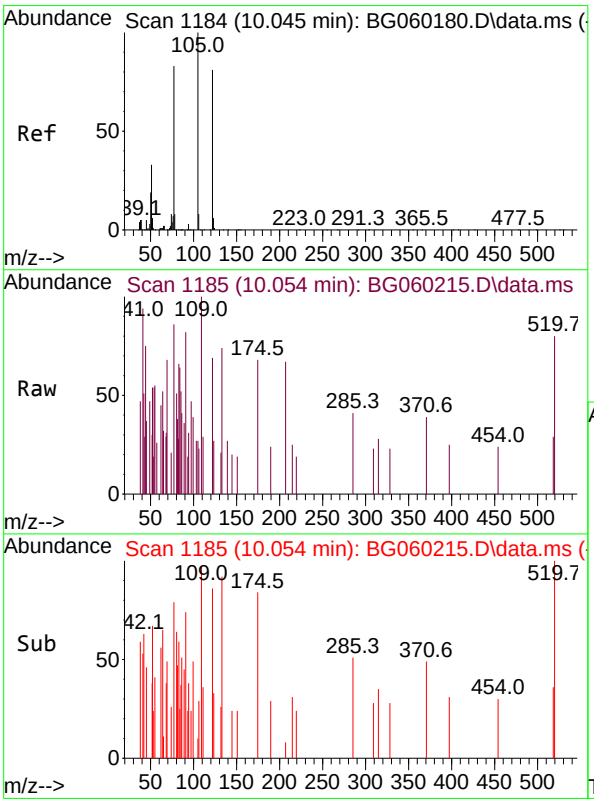
#31
Naphthalene
Concen: 5.127 ng
RT: 10.788 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 256647

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	13.6	10.6	16.0

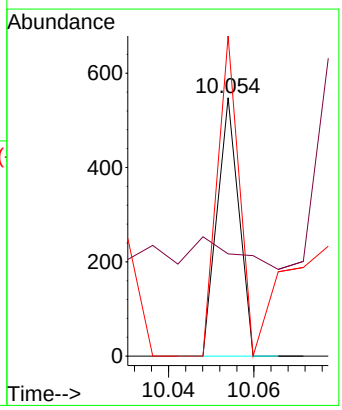


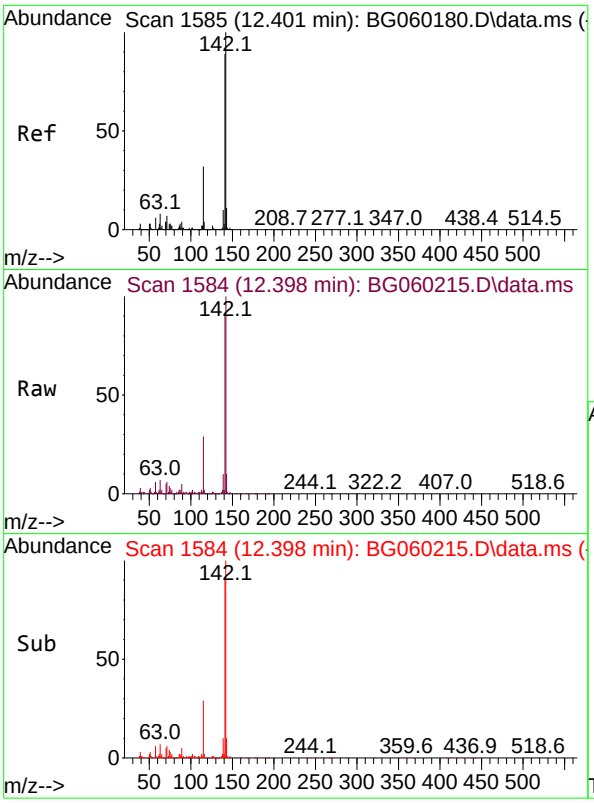


#32
Benzoic acid
Concen: 10.287 ng
RT: 10.054 min Scan# 1185
Delta R.T. 0.009 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:122 Resp: 193

Ion	Ratio	Lower	Upper
122	100		
105	39.6	99.2	139.2#
77	123.9	81.0	121.0#



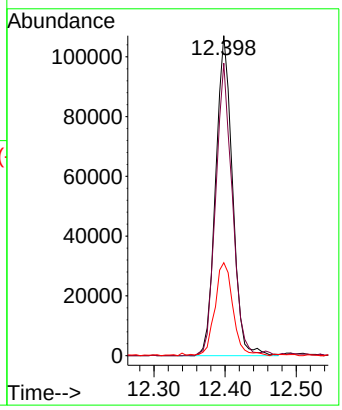


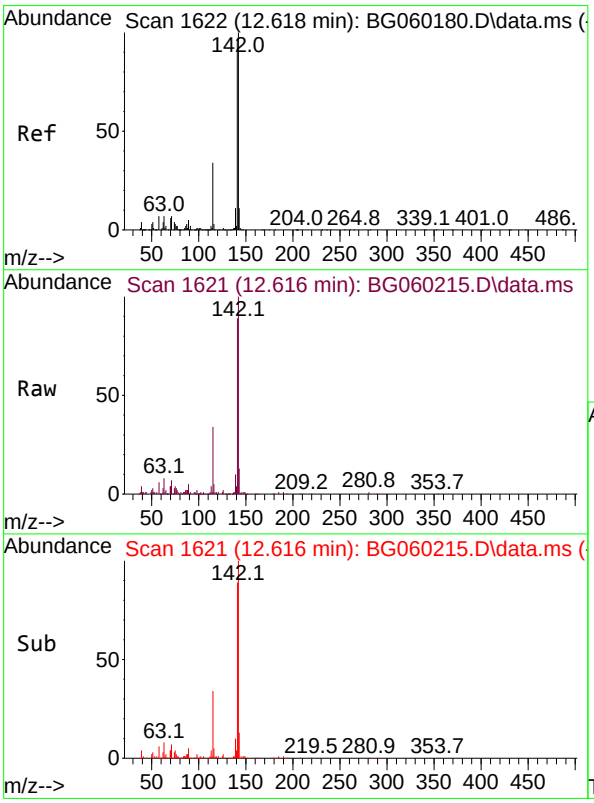
#37
2-Methylnaphthalene
Concen: 4.848 ng
RT: 12.398 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 175316

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.1	106.7
115	29.1	25.5	38.3

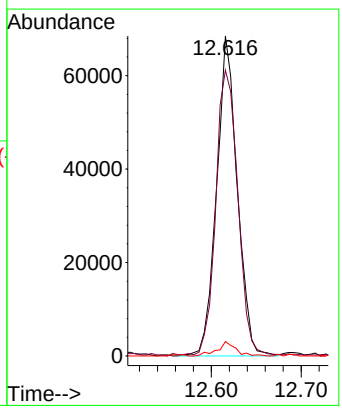


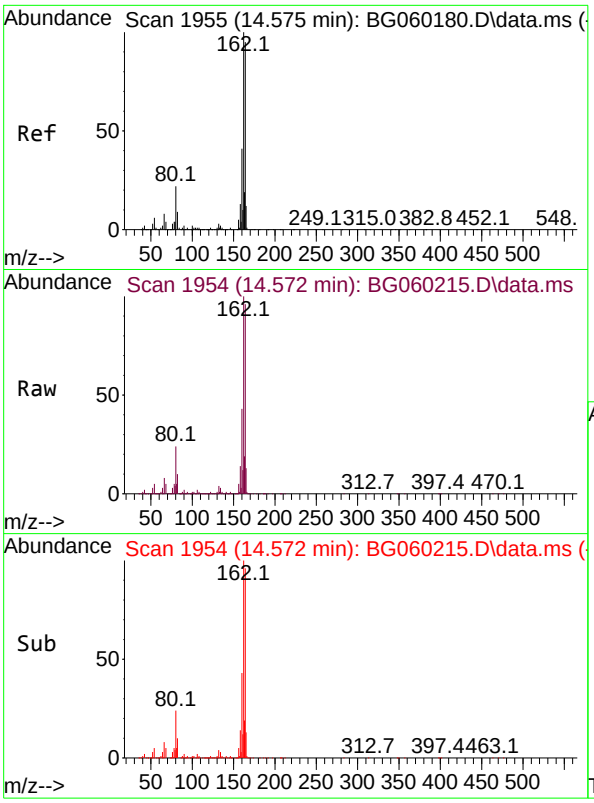


#38
1-Methylnaphthalene
Concen: 2.993 ng
RT: 12.616 min Scan# 1621
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:142 Resp: 109418

Ion	Ratio	Lower	Upper
142	100		
141	89.3	76.6	114.8
116	4.5	2.6	3.8#



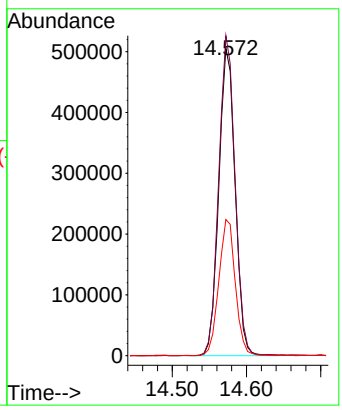


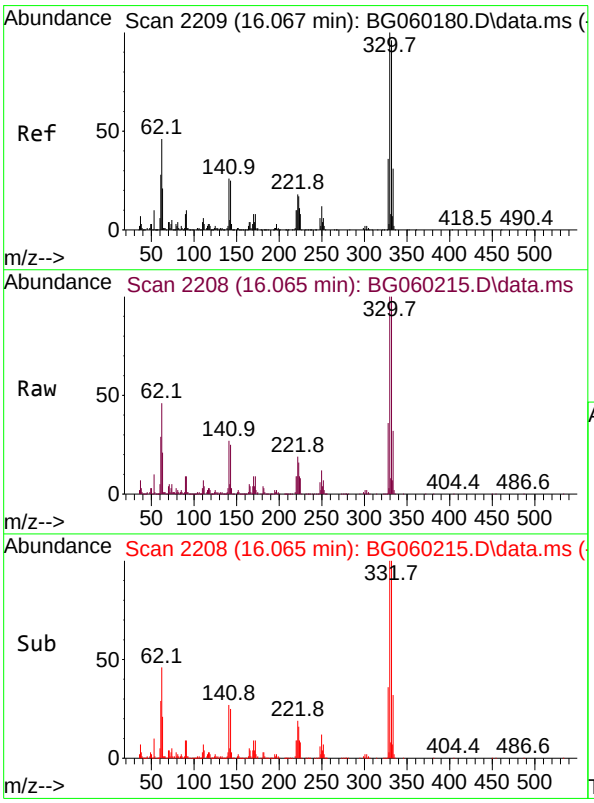
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.572 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 773869

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.9	125.9
160	44.3	34.2	51.4

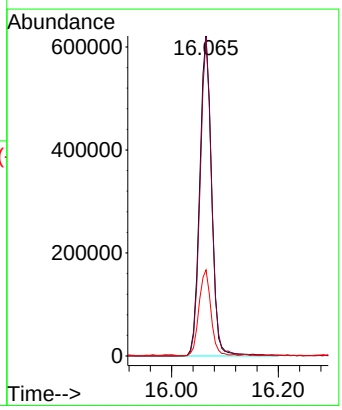


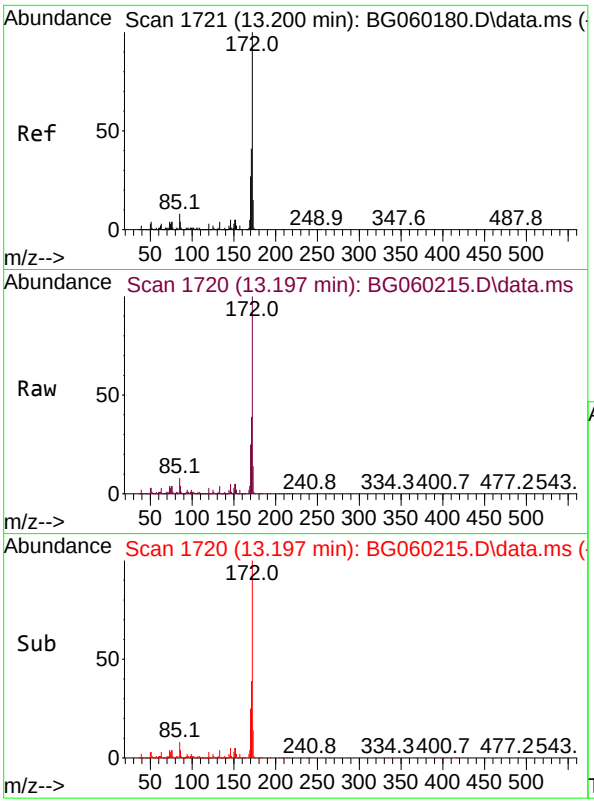


#42
2,4,6-Tribromophenol
Concen: 92.810 ng
RT: 16.065 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:330 Resp: 961420

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	26.7	21.0	31.4



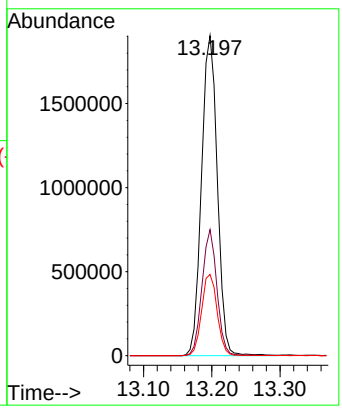


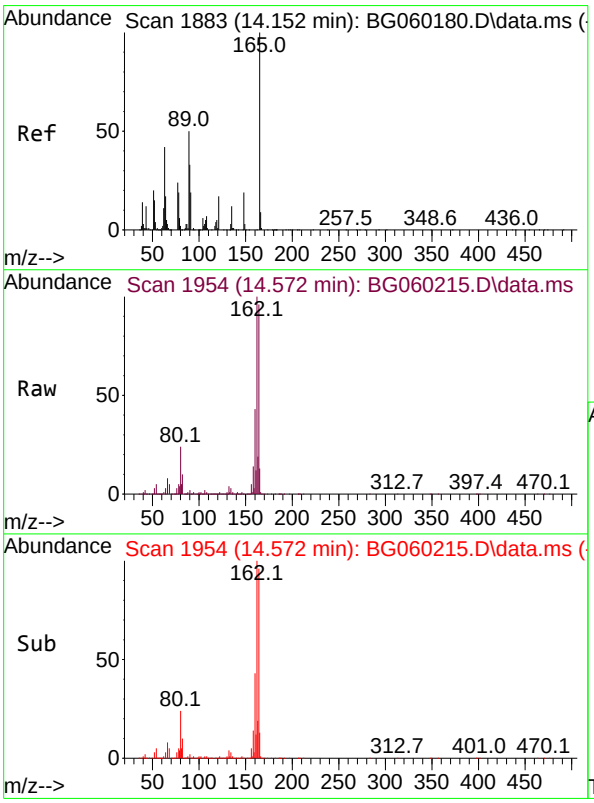
#45
2-Fluorobiphenyl
Concen: 57.036 ng
RT: 13.197 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 3071091

Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.6	48.8
170	25.4	21.8	32.6

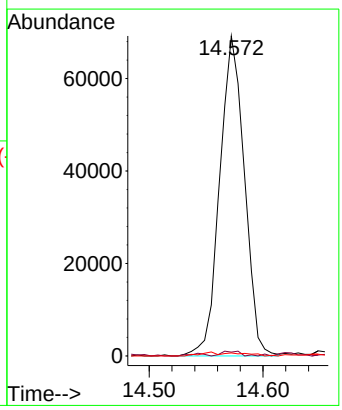


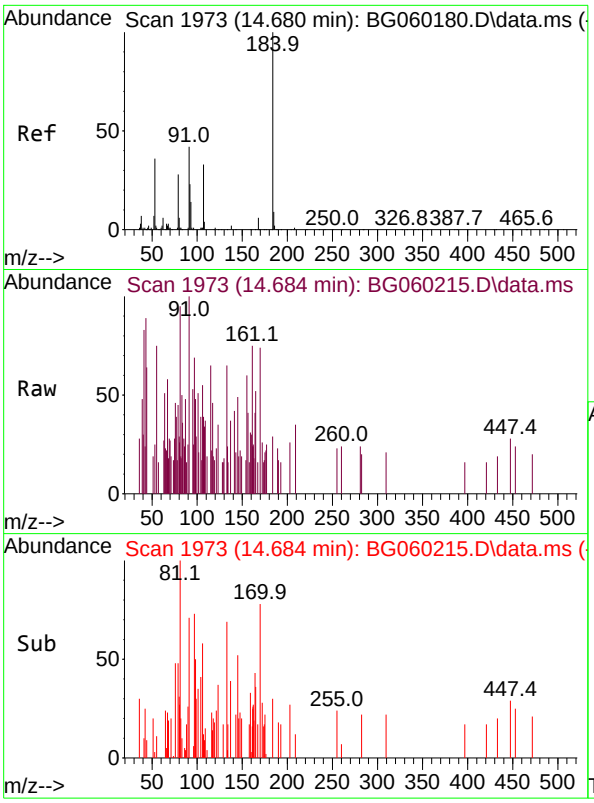


#51
2,6-Dinitrotoluene
Concen: 8.419 ng
RT: 14.572 min Scan# 1954
Delta R.T. 0.421 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:165 Resp: 104628

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.3	58.9#
89	0.9	39.8	59.8#



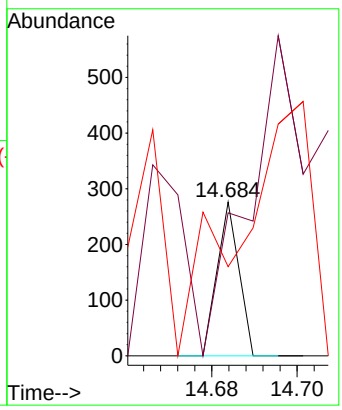


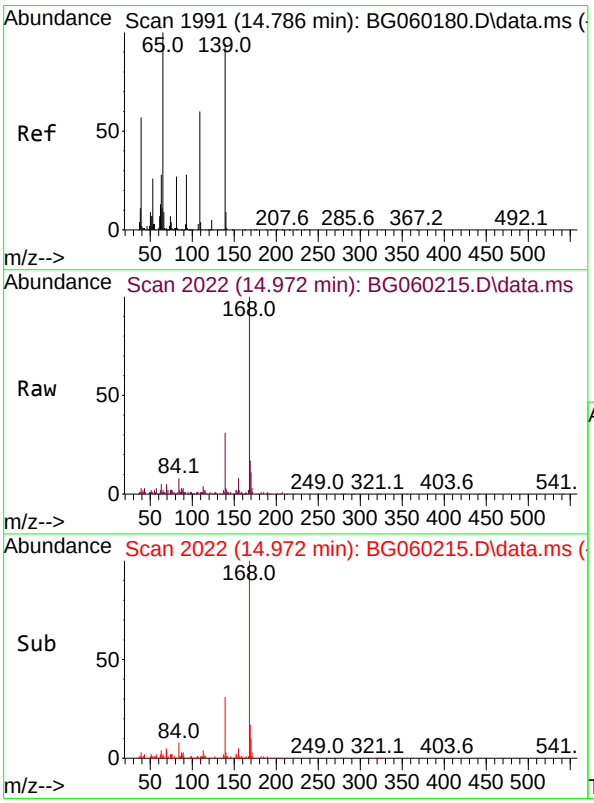
#54
2,4-Dinitrophenol
Concen: 8.248 ng
RT: 14.684 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 97

Ion	Ratio	Lower	Upper
184	100		
63	93.1	45.4	68.2#
154	58.0	40.0	60.0

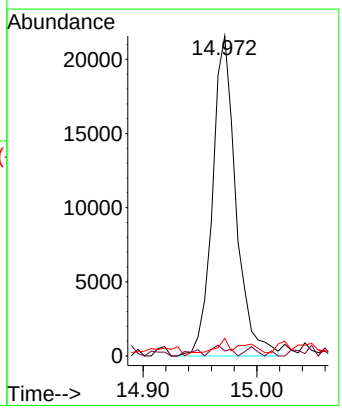


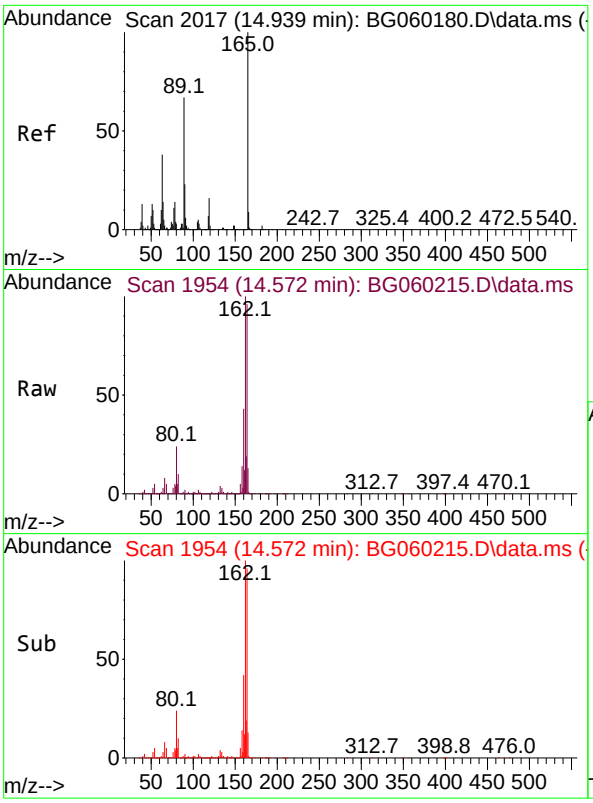


#56
4-Nitrophenol
Concen: 3.493 ng
RT: 14.972 min Scan# 2022
Delta R.T. 0.186 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:139 Resp: 30914

Ion	Ratio	Lower	Upper
139	100		
109	1.6	44.4	84.4#
65	5.5	87.4	127.4#



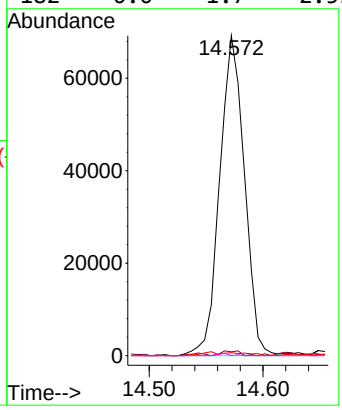


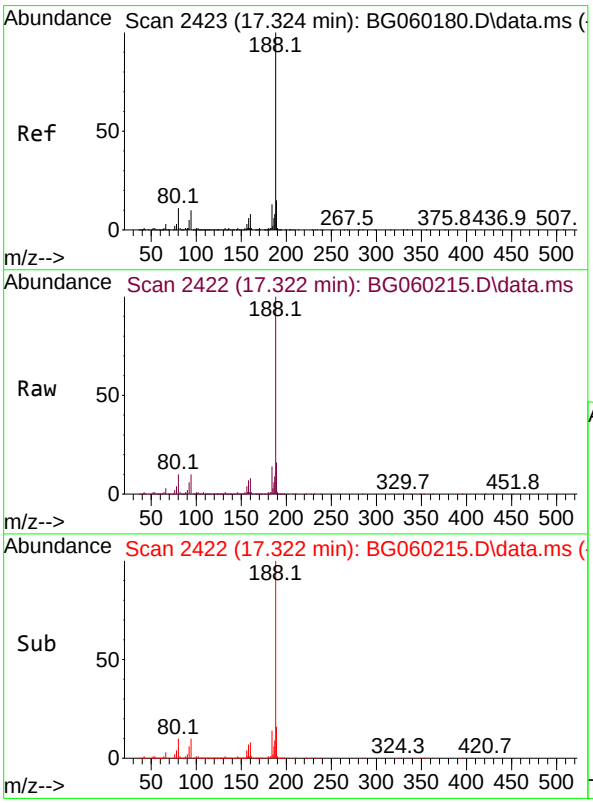
#57
2,4-Dinitrotoluene
Concen: 6.192 ng
RT: 14.572 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 104628

Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.0	46.6#
89	0.9	53.3	79.9#
182	0.0	1.7	2.5#

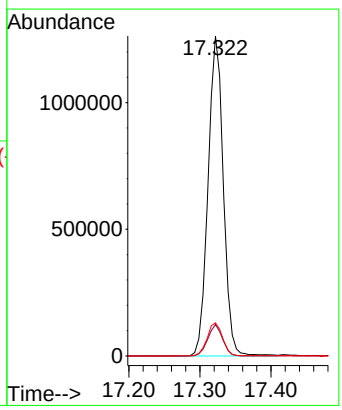


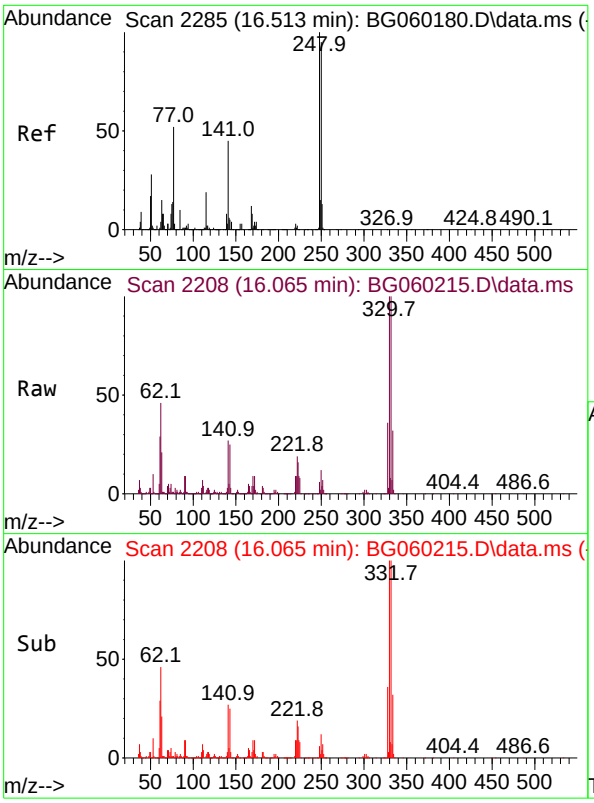


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:188 Resp: 1887195

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.4	8.6	13.0



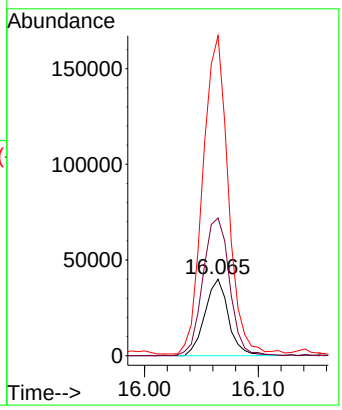


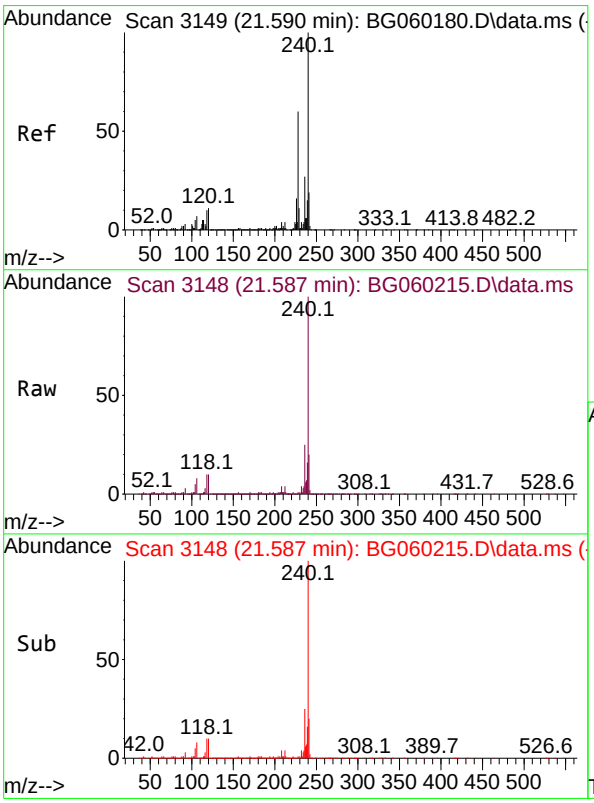
#67
4-Bromophenyl-phenylether
Concen: 2.878 ng
RT: 16.065 min Scan# 2
Delta R.T. -0.449 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 57578

Ion	Ratio	Lower	Upper
248	100		
250	239.5	76.2	114.4#
141	418.6	36.0	54.0#

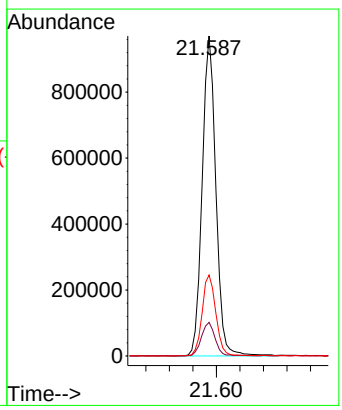


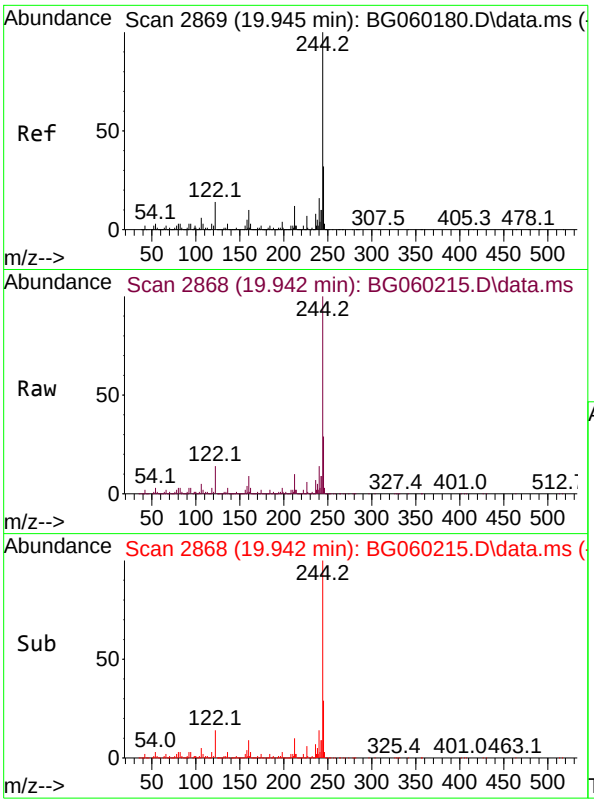


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3148
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:240 Resp: 1567652

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.5	12.7
236	25.3	21.4	32.2



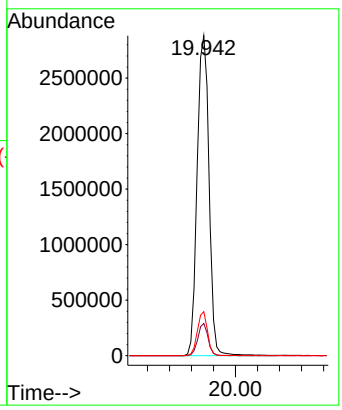


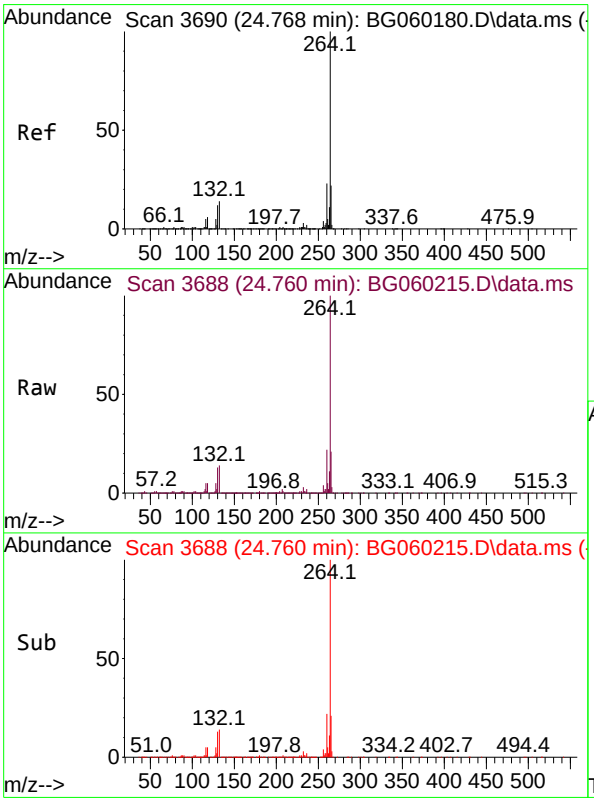
#79
Terphenyl-d14
Concen: 53.027 ng
RT: 19.942 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 4323924

Ion	Ratio	Lower	Upper
244	100		
212	10.1	9.5	14.3
122	13.8	11.4	17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.760 min Scan# 3688
Delta R.T. -0.008 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:264 Resp: 1745907

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.0	27.0
265	20.9	17.4	26.0