Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
Data File : BG053016.D
Acq On : 4 Apr 2022 20:21
Operator : CG/JU
Sample : N2249-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1R

Quant Time: Apr 05 01:07:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 16:48:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.130	152	33998	20.000	ng	-0.02
21) Naphthalene-d8	10.944	136	131532	20.000	ng	#-0.02
39) Acenaphthene-d10	14.745	164	96382	20.000	ng	-0.02
64) Phenanthrene-d10	17.488	188	217664	20.000	ng	-0.02
76) Chrysene-d12	21.770	240	237499	20.000	ng	-0.03
86) Perylene-d12	25.072	264	245552	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	140047	71.738	ng	0.00
7) Phenol-d6	7.278	99	176962	60.127	ng	-0.01
23) Nitrobenzene-d5	9.287	82	254262	97.022	ng	-0.02
42) 2,4,6-Tribromophenol	16.231	330	157723	121.783	ng	-0.02
45) 2-Fluorobiphenyl	13.376	172	546326	83.599	ng	-0.02
79) Terphenyl-d14	20.090	244	737623	55.247	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.278	77	94631	70.142	ng	# 1
10) Phenol	7.308	94	25019	8.612	ng	85
16) 2,2'-oxybis(1-Chloropr...	8.729	45	8361	2.188	ng	67
18) Hexachloroethane	9.246	117	52330	57.477	ng	# 1
19) n-Nitroso-di-n-propyla...	8.729	70	4941	2.370	ng	# 43
20) 3+4-Methylphenols	8.882	107	30818	11.370	ng	96
22) Acetophenone	8.935	105	61641	18.109	ng	# 63
24) Nitrobenzene	9.317	77	11349	4.328	ng	# 14
31) Naphthalene	10.997	128	1594287	234.394	ng	97
32) Benzoic acid	10.257	122	174	5.784	ng	# 65
33) 4-Chloroaniline	10.997	127	227487	78.911	ng	# 34
37) 2-Methylnaphthalene	12.589	142	222300	44.628	ng	96
38) 1-Methylnaphthalene	12.589	142	222300	45.727	ng	100
51) 2,6-Dinitrotoluene	14.745	165	12918	10.681	ng	# 29
67) 4-Bromophenyl-phenylether	16.231	248	10804	4.117	ng	# 1
77) Benzidine	20.090	184	13035	2.128	ng	# 93

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

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Misc :
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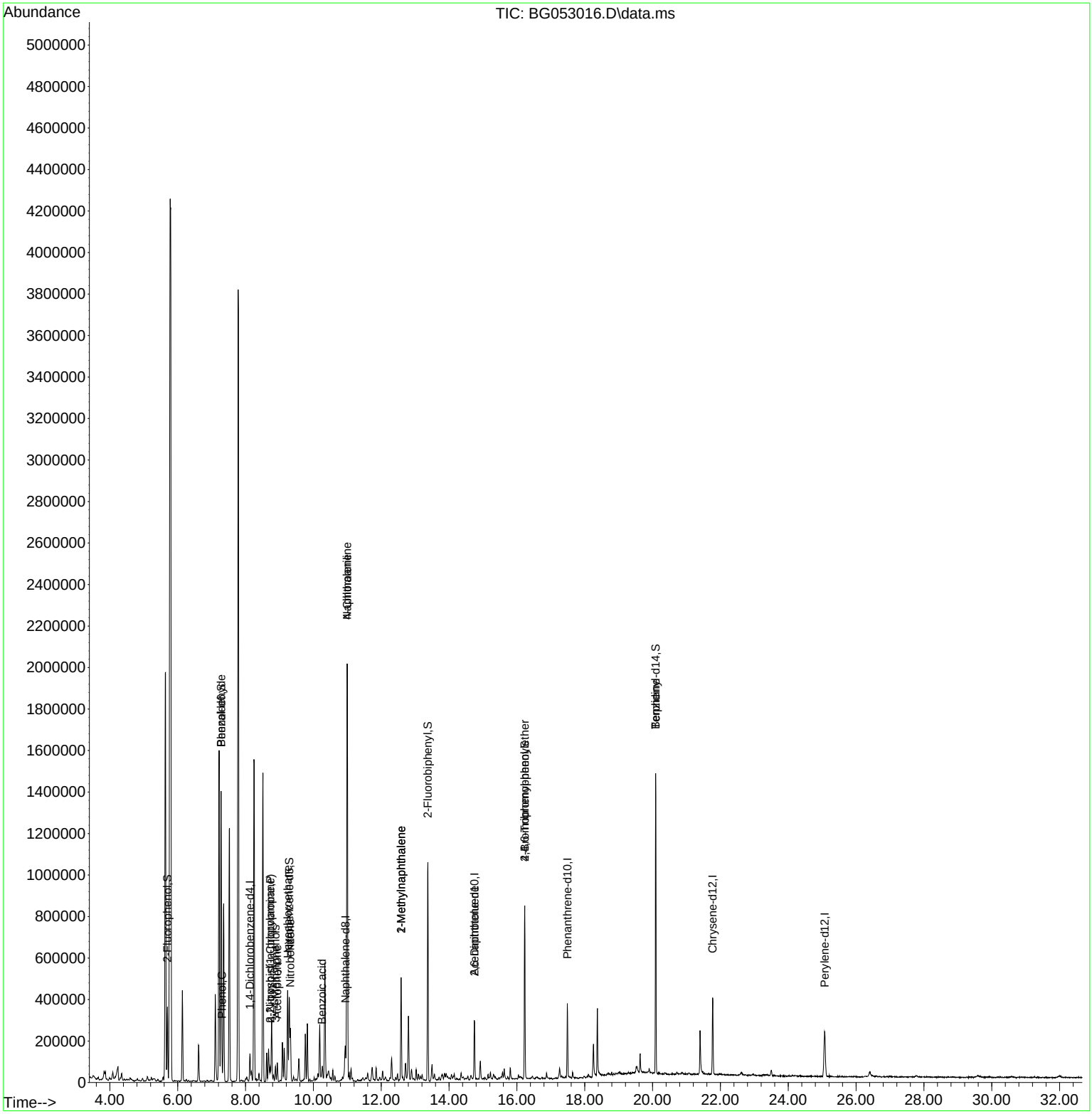
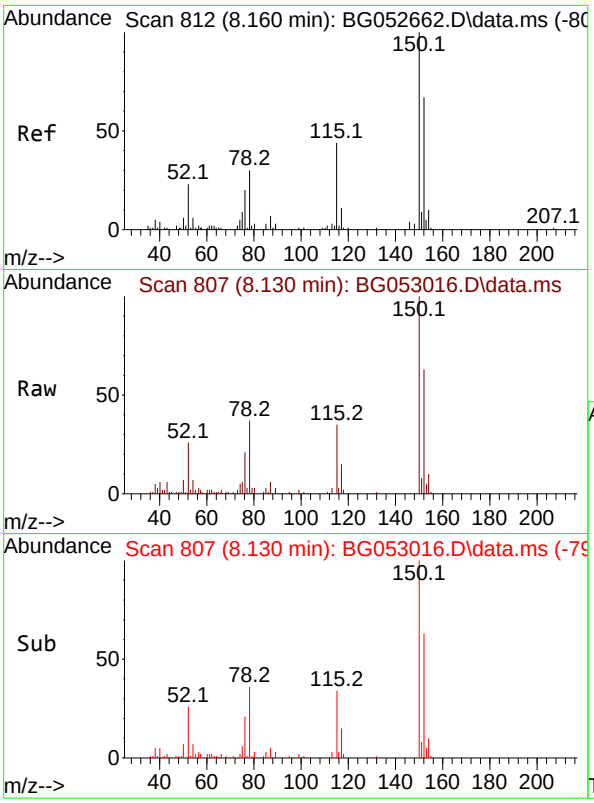


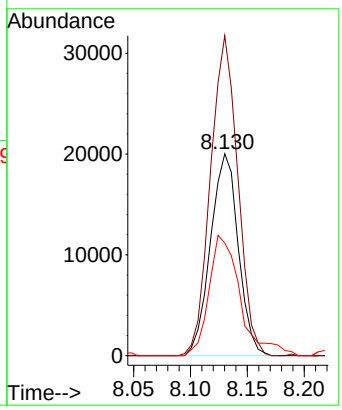


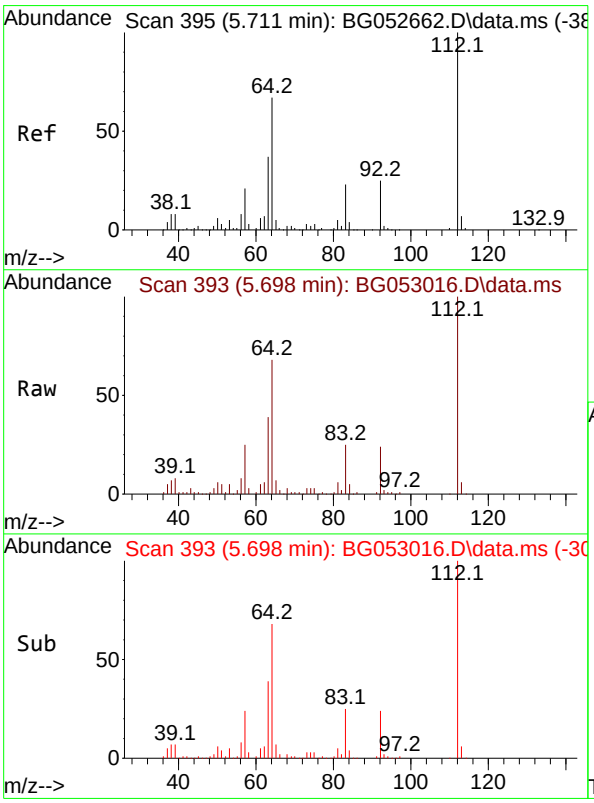
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.130 min Scan# 80
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:152 Resp: 33998

Ion	Ratio	Lower	Upper
152	100		
150	158.4	114.6	172.0
115	55.8	45.9	68.9

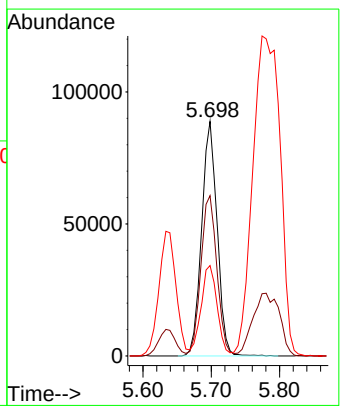


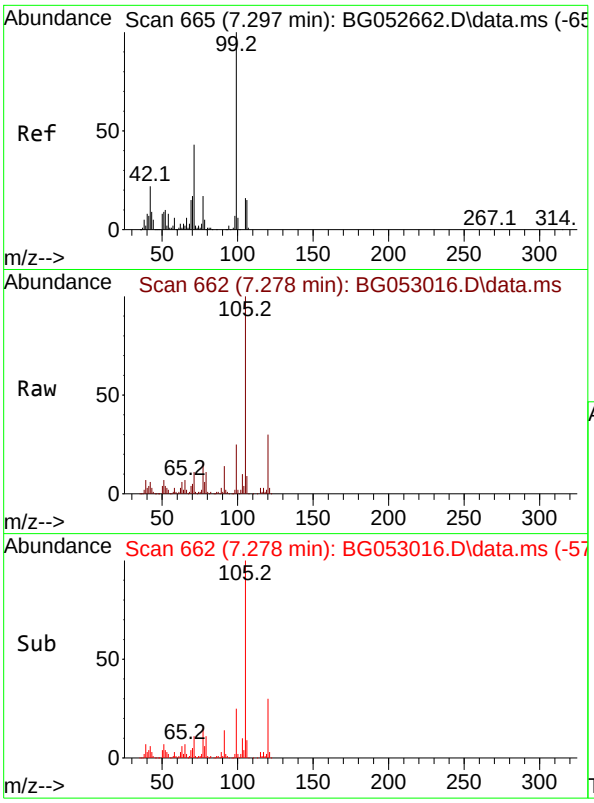


#5
2-Fluorophenol
Concen: 71.738 ng
RT: 5.698 min Scan# 393
Delta R.T. 0.002 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:112 Resp: 140047

Ion	Ratio	Lower	Upper
112	100		
64	68.4	48.0	72.0
63	38.5	26.5	39.7



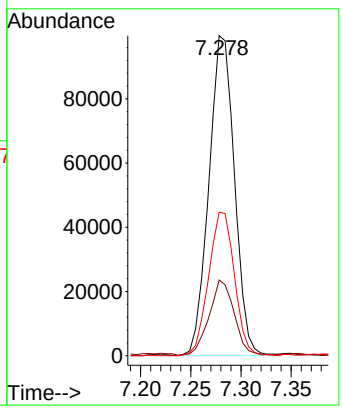


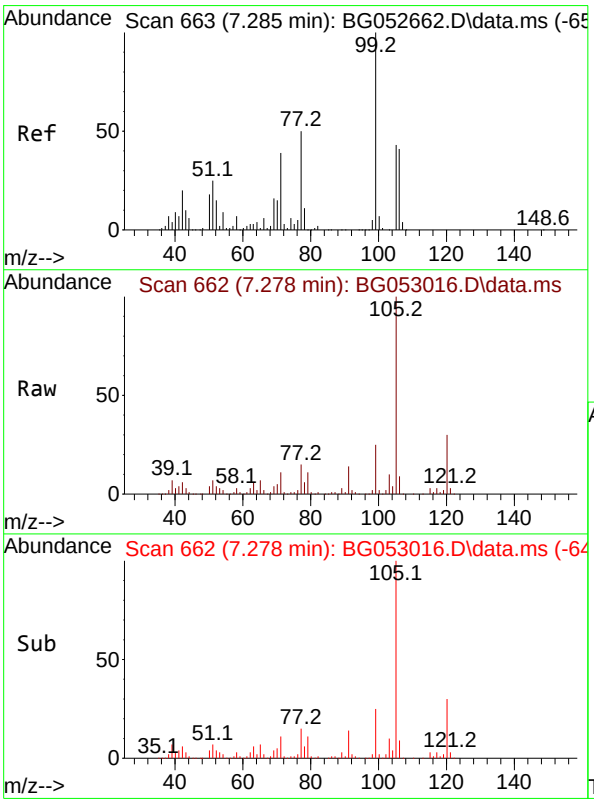
#7
Phenol-d6
Concen: 60.127 ng
RT: 7.278 min Scan# 6
Delta R.T. -0.010 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion: 99 Resp: 176962

Ion	Ratio	Lower	Upper
99	100		
42	23.6	14.7	22.1#
71	44.9	29.2	43.8#

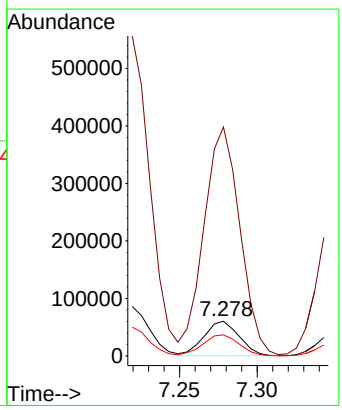


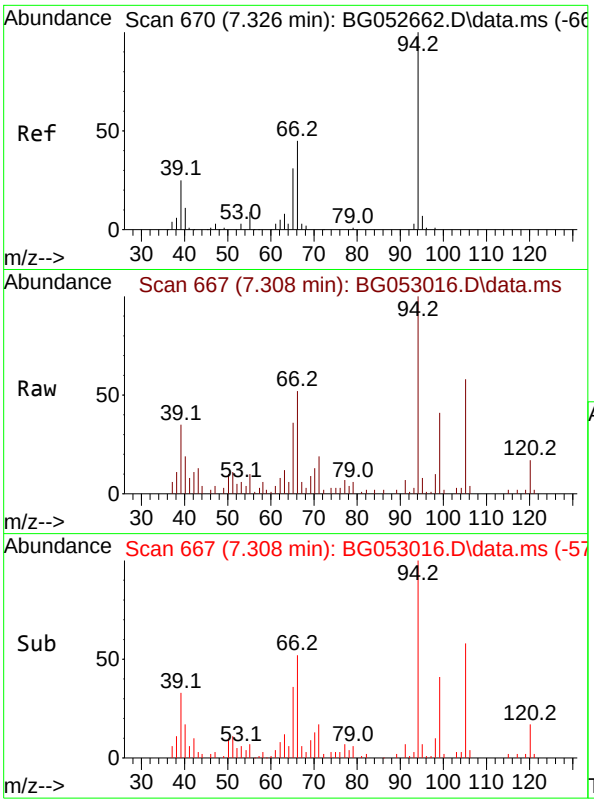


#9
Benzaldehyde
Concen: 70.142 ng
RT: 7.278 min Scan# 662
Delta R.T. 0.007 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion: 77 Resp: 94631

Ion	Ratio	Lower	Upper
77	100		
105	658.4	70.6	110.6#
106	60.6	67.6	107.6#



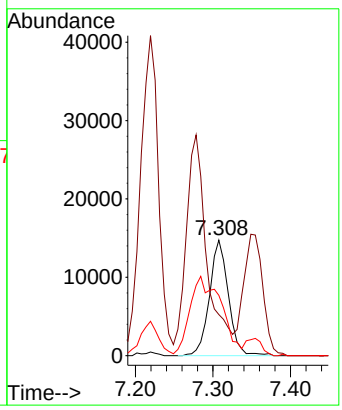


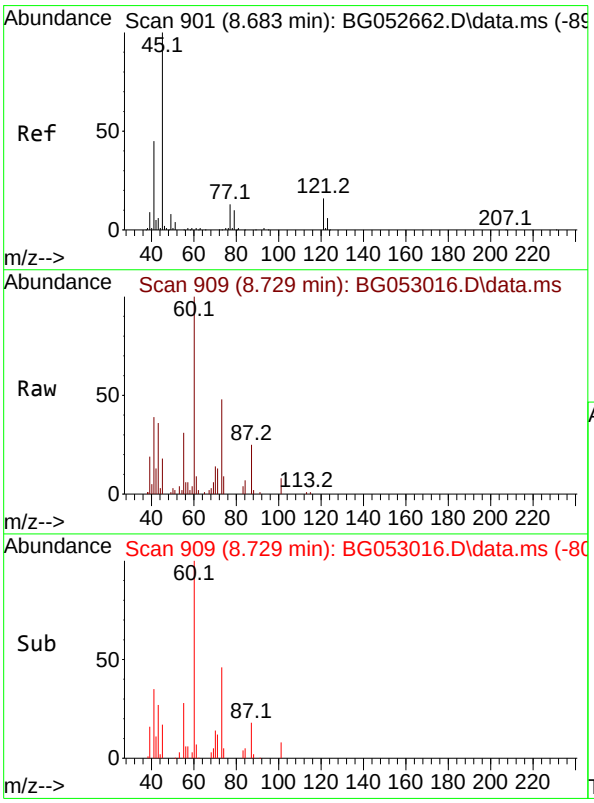
#10
Phenol
Concen: 8.612 ng
RT: 7.308 min Scan# 6
Delta R.T. -0.010 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion: 94 Resp: 25019

Ion	Ratio	Lower	Upper
94	100		
65	35.5	11.1	51.1
66	52.3	20.0	60.0

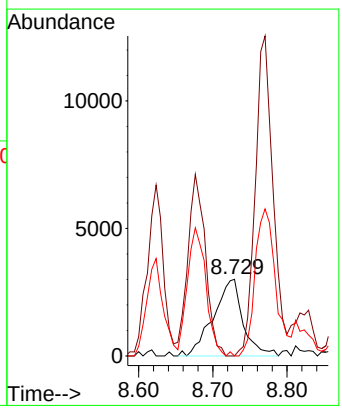


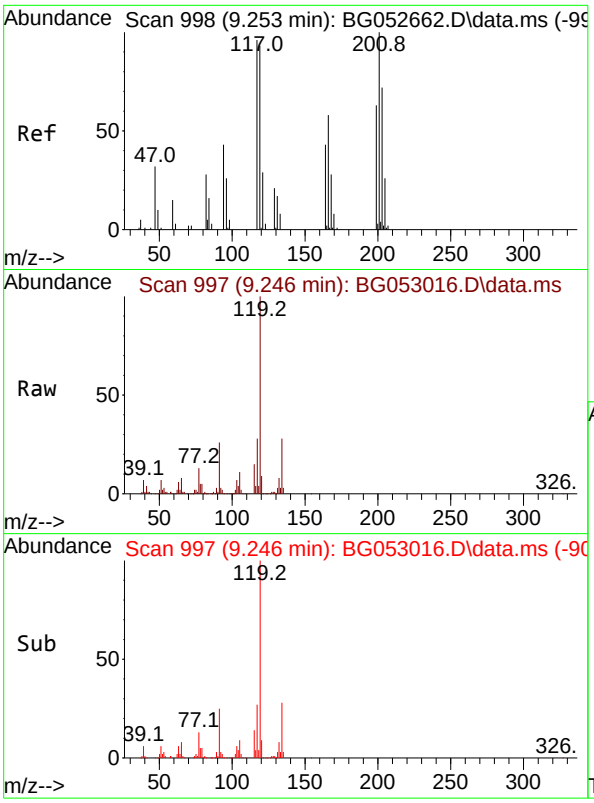


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.188 ng
RT: 8.729 min Scan# 909
Delta R.T. 0.060 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion: 45 Resp: 8361

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	34.9
79	0.0	0.0	30.7



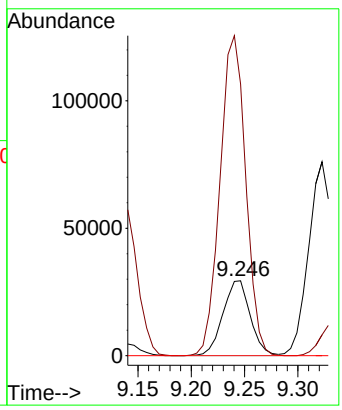


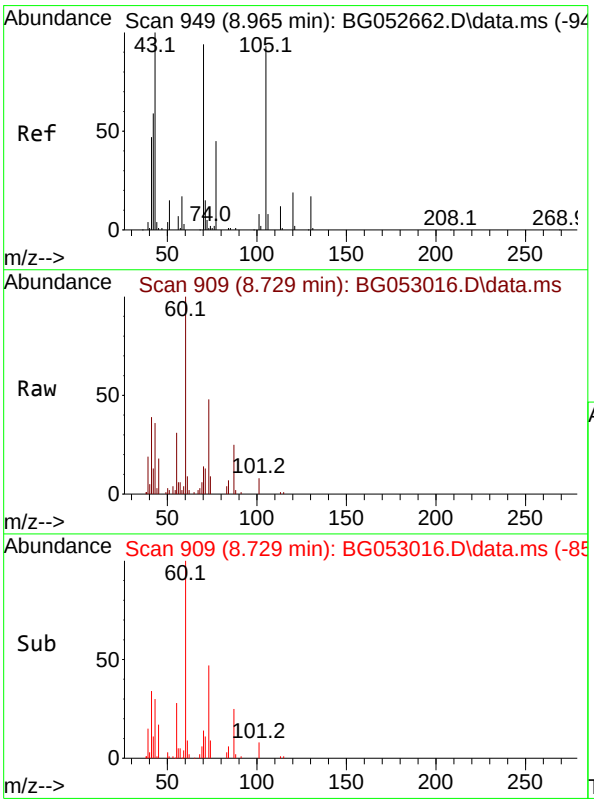
#18
Hexachloroethane
Concen: 57.477 ng
RT: 9.246 min Scan# 9
Delta R.T. 0.013 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:117 Resp: 52330

Ion	Ratio	Lower	Upper
117	100		
119	362.6	75.1	112.7#
201	0.0	96.6	145.0#

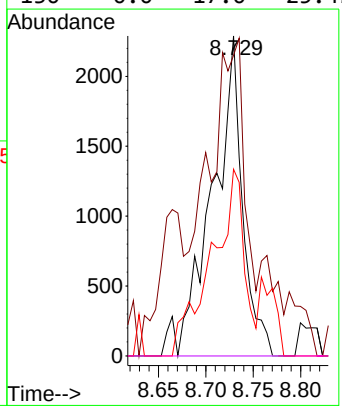


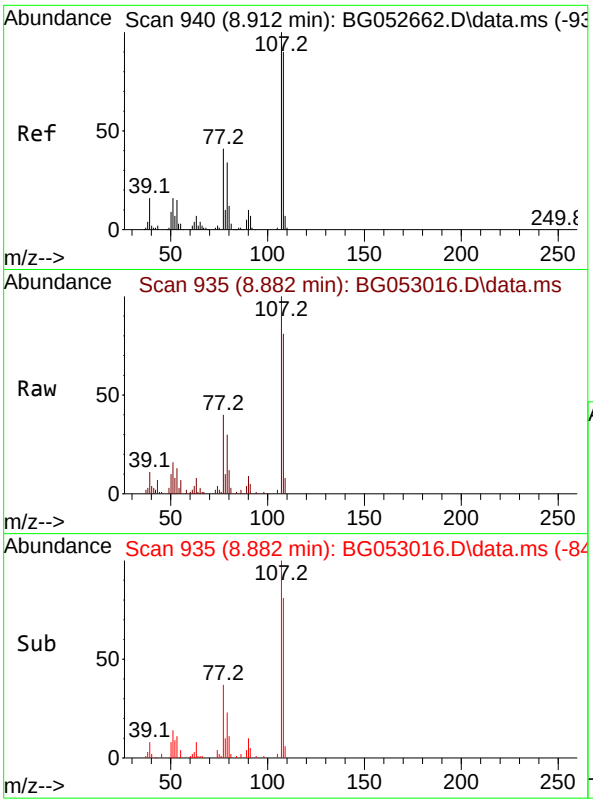


#19
n-Nitroso-di-n-propylamine
Concen: 2.370 ng
RT: 8.729 min Scan# 909
Delta R.T. -0.216 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion: 70 Resp: 4941

Ion	Ratio	Lower	Upper
70	100		
42	94.0	46.0	69.0#
101	58.3	6.2	9.4#
130	0.0	17.0	25.4#



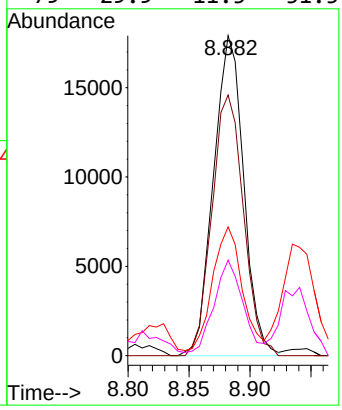


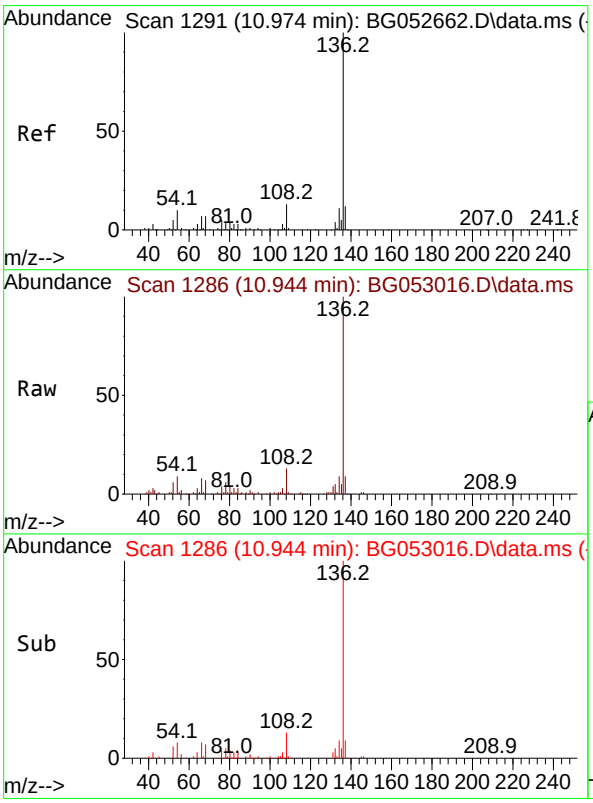
#20
3+4-Methylphenols
Concen: 11.370 ng
RT: 8.882 min Scan# 9
Delta R.T. -0.022 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:107 Resp: 30818

Ion	Ratio	Lower	Upper
107	100		
108	81.5	64.8	104.8
77	40.3	15.9	55.9
79	29.9	11.5	51.5

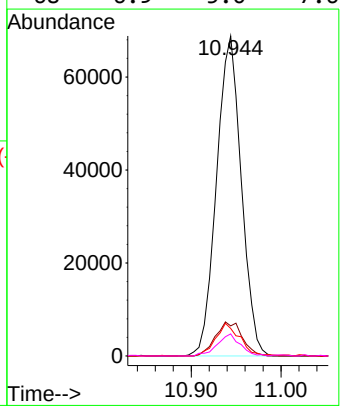


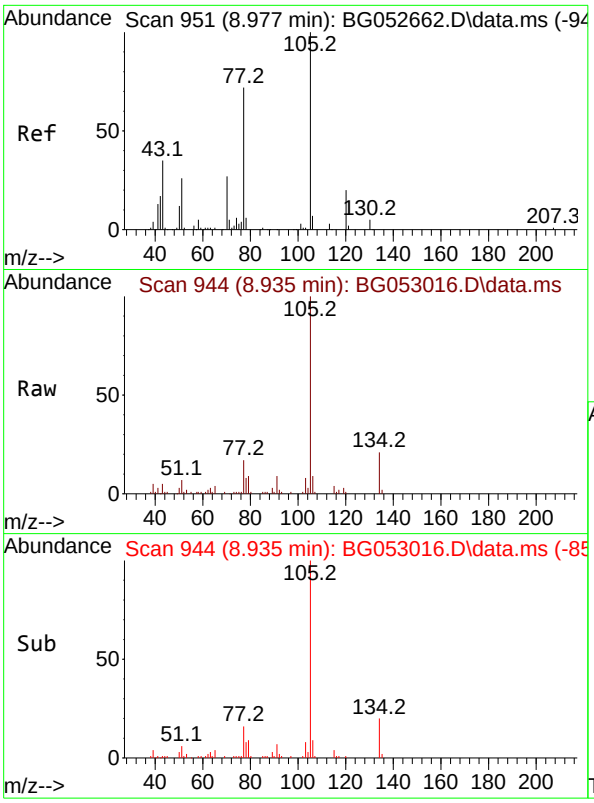


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.944 min Scan# 1286
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:136 Resp: 131532

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.4	14.2#
54	8.6	6.4	9.6
68	6.9	5.0	7.6



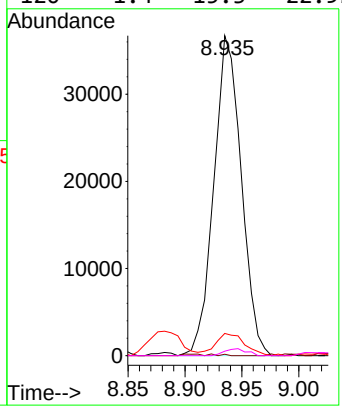


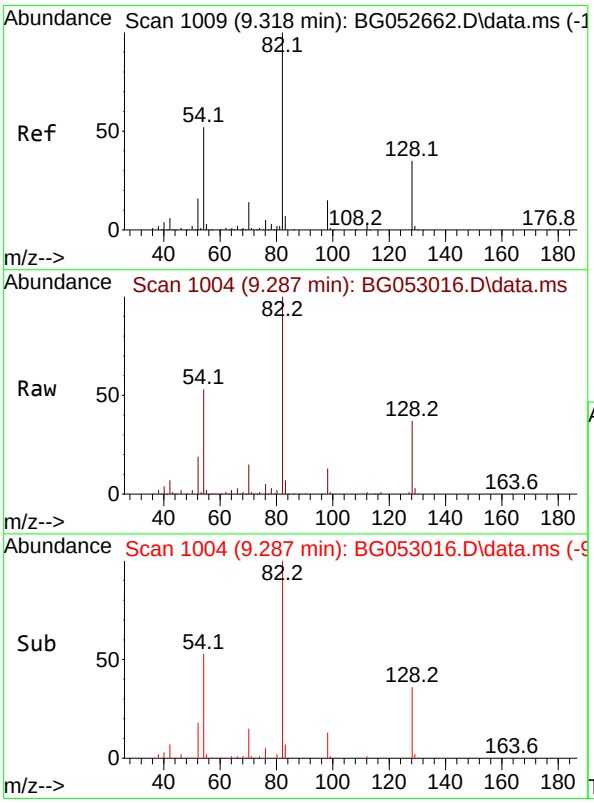
#22
Acetophenone
Concen: 18.109 ng
RT: 8.935 min Scan# 94
Delta R.T. -0.028 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:105 Resp: 61641

Ion	Ratio	Lower	Upper
105	100		
71	0.5	2.1	3.1#
51	6.9	21.9	32.9#
120	1.4	15.3	22.9#

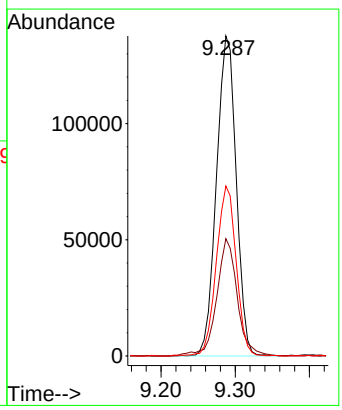


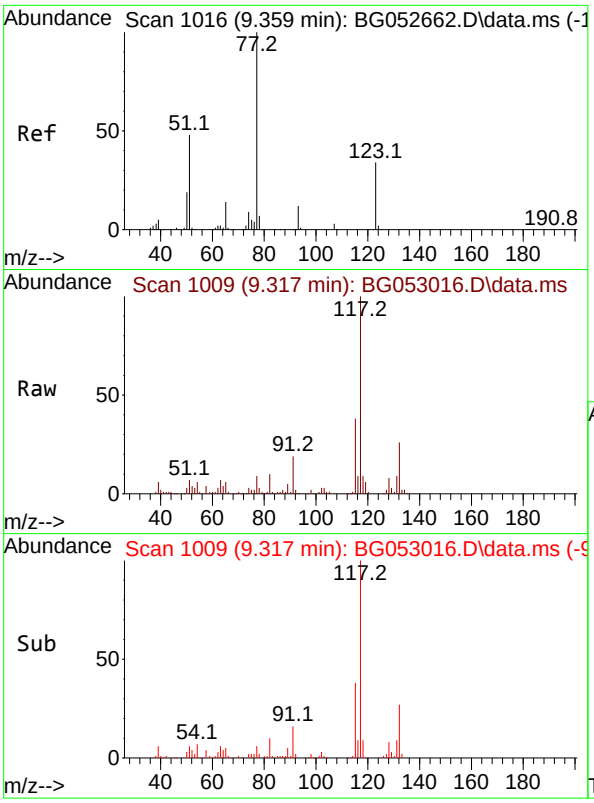


#23
Nitrobenzene-d5
Concen: 97.022 ng
RT: 9.287 min Scan# 1004
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion: 82 Resp: 254262

Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.3	46.9
54	53.1	37.8	56.8



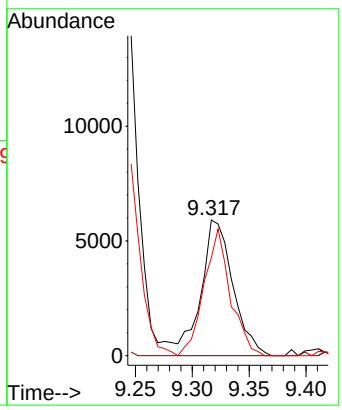


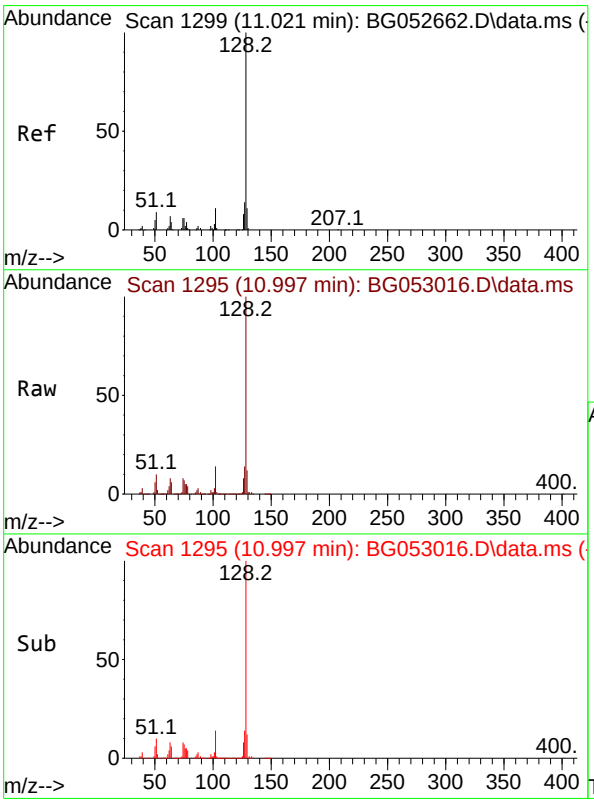
#24
Nitrobenzene
Concen: 4.328 ng
RT: 9.317 min Scan# 1
Delta R.T. -0.028 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion: 77 Resp: 11349

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.4	51.6#
65	72.1	11.2	16.8#

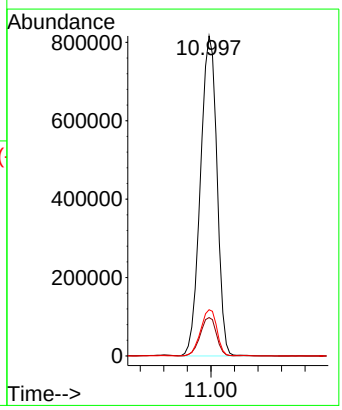


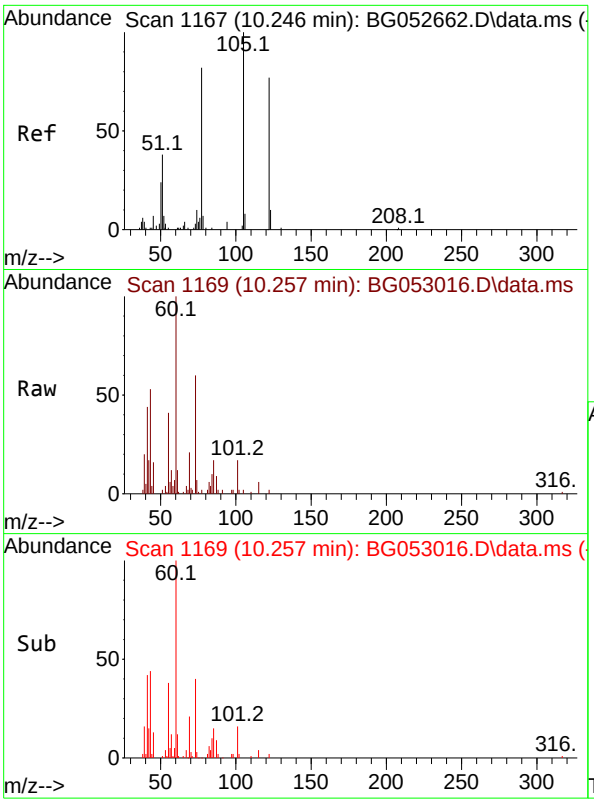


#31
Naphthalene
Concen: 234.394 ng
RT: 10.997 min Scan# 1295
Delta R.T. -0.010 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:128 Resp: 1594287

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	14.4	10.5	15.7



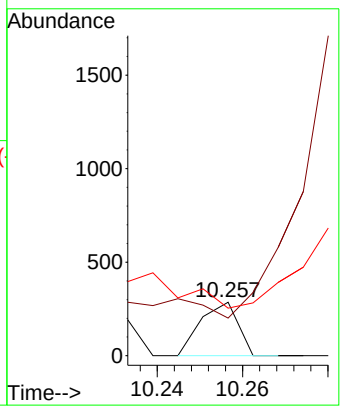


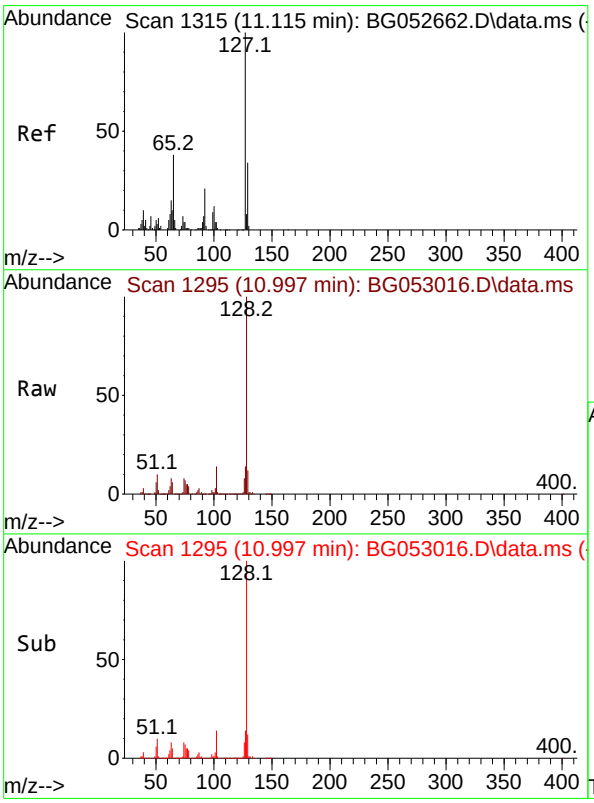
#32
Benzoic acid
Concen: 5.784 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.019 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:122 Resp: 174

Ion	Ratio	Lower	Upper
122	100		
105	70.3	112.8	152.8#
77	88.8	78.4	118.4

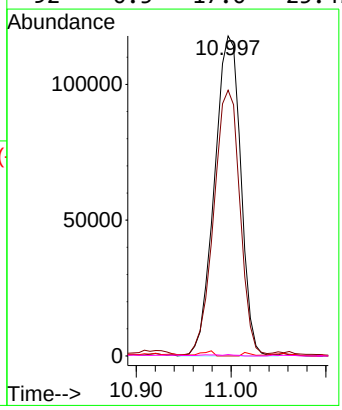


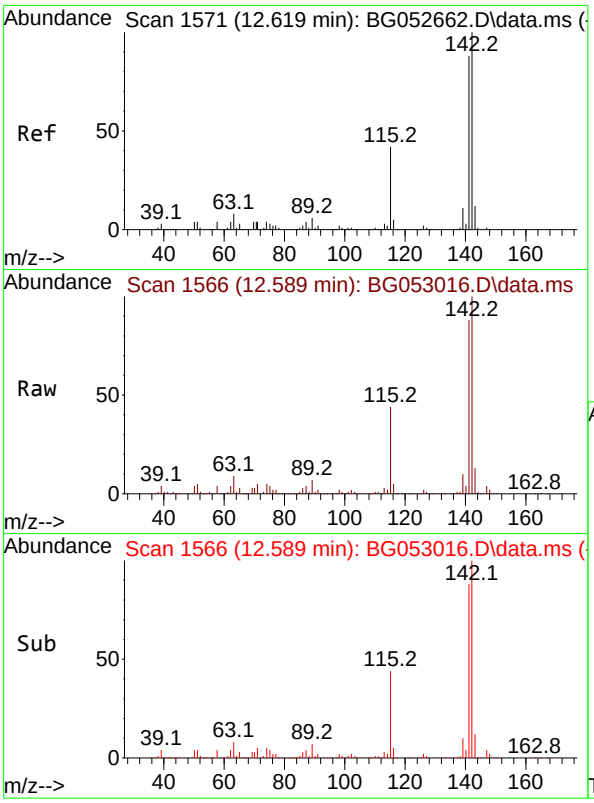


#33
4-Chloroaniline
Concen: 78.911 ng
RT: 10.997 min Scan# 1295
Delta R.T. -0.104 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:127 Resp: 227487

Ion	Ratio	Lower	Upper
127	100		
129	83.1	27.6	41.4#
65	0.0	28.2	42.4#
92	0.5	17.0	25.4#





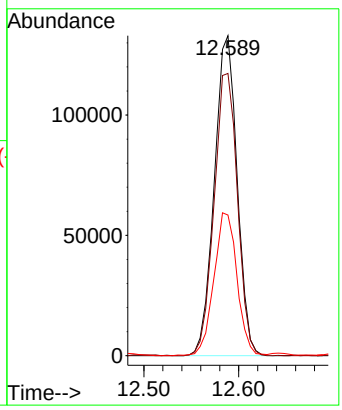
#37
2-Methylnaphthalene
Concen: 44.628 ng
RT: 12.589 min Scan# 1

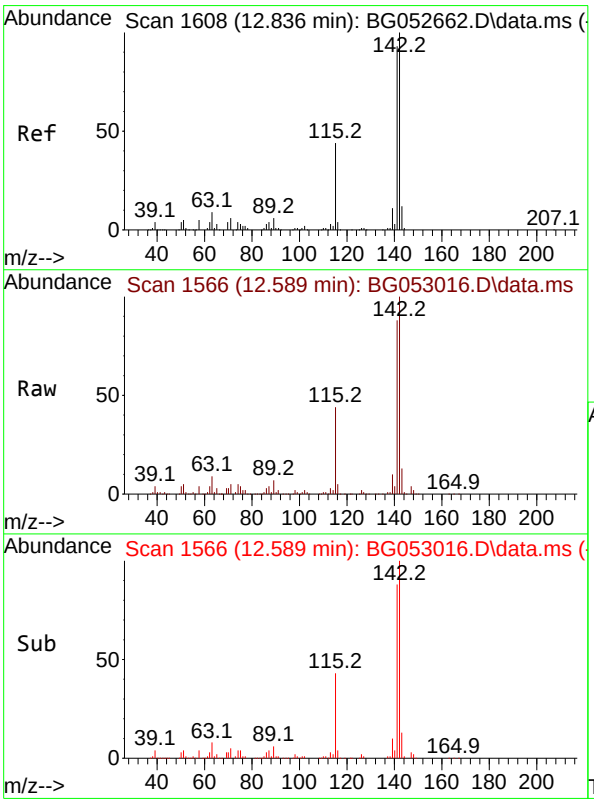
Instrument :
BNA_G
ClientSampleId :
MW-1R

Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:142 Resp: 222300

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	43.9	29.5	44.3

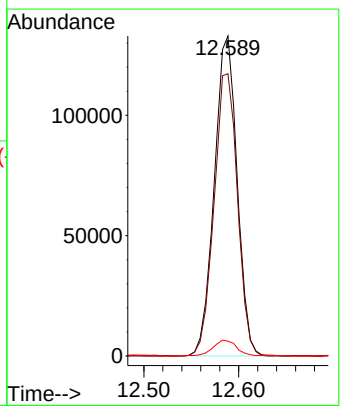


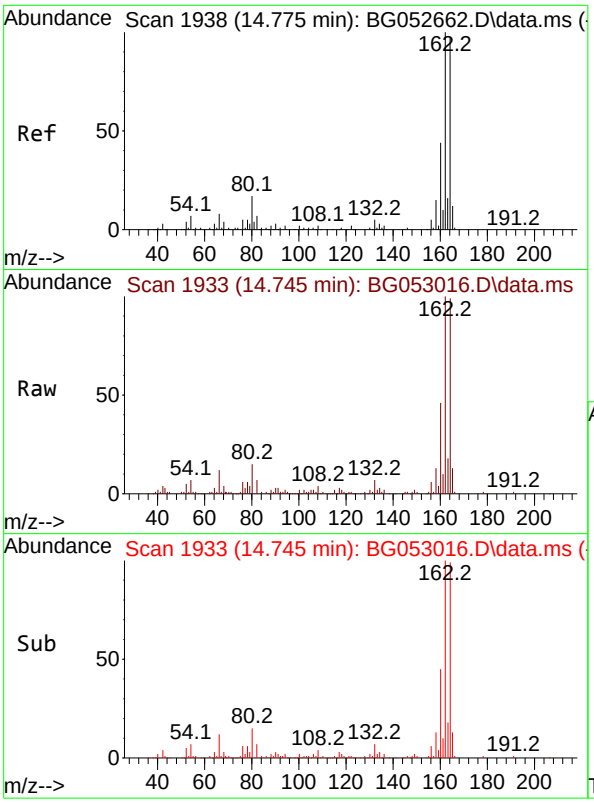


#38
1-Methylnaphthalene
Concen: 45.727 ng
RT: 12.589 min Scan# 1566
Delta R.T. -0.233 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:142 Resp: 222300

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.5	105.7
116	4.6	3.1	4.7



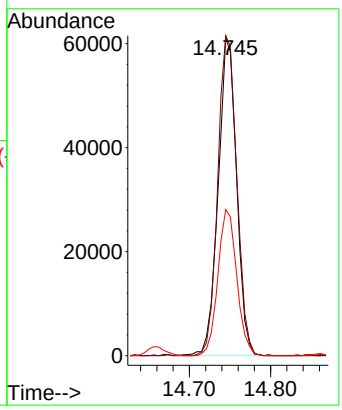


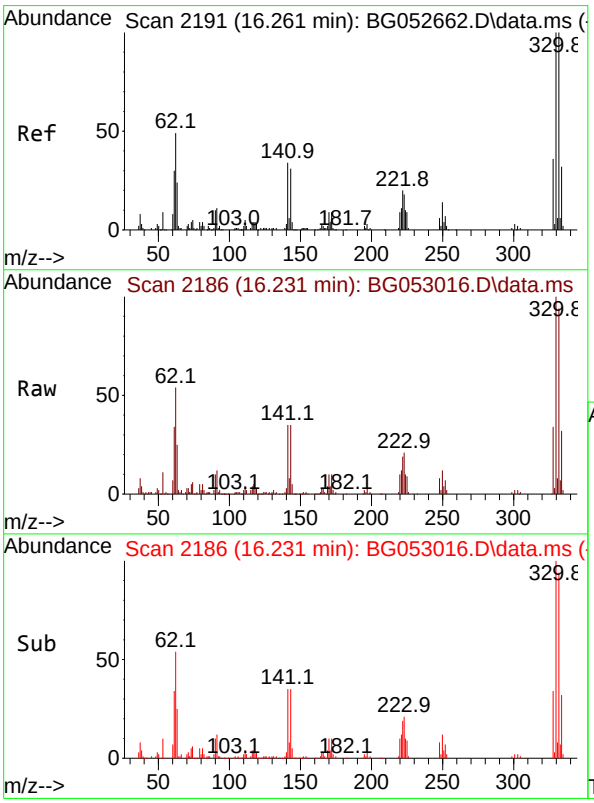
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1
Delta R.T. -0.022 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:164 Resp: 96382

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.0	120.0
160	46.0	38.8	58.2

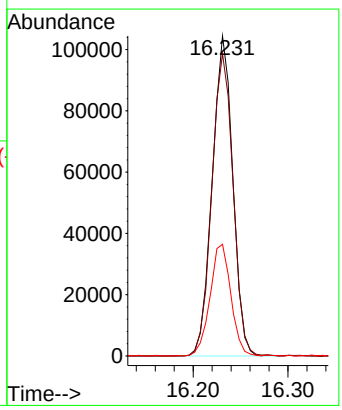


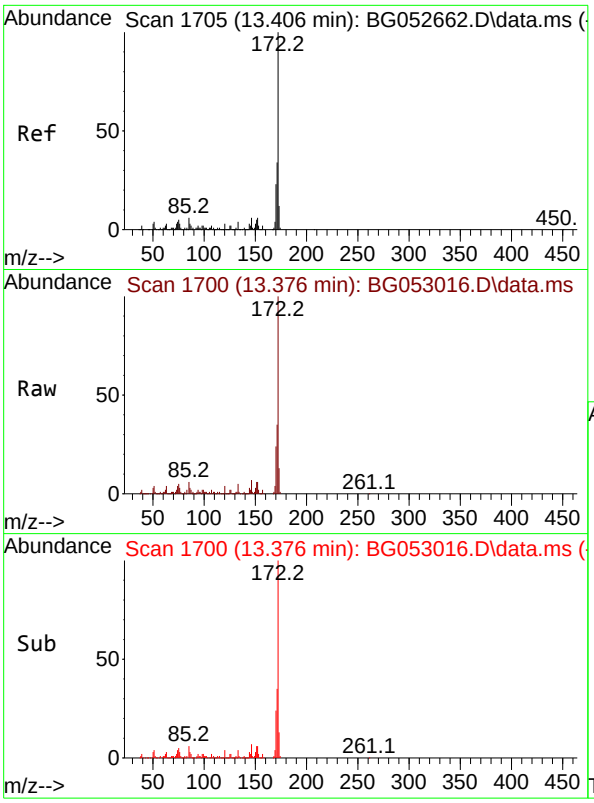


#42
2,4,6-Tribromophenol
Concen: 121.783 ng
RT: 16.231 min Scan# 2186
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:330 Resp: 157723

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.8	113.6
141	35.3	24.6	36.8



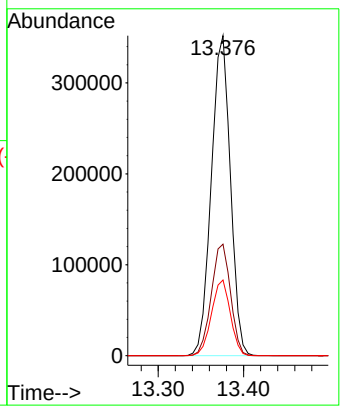


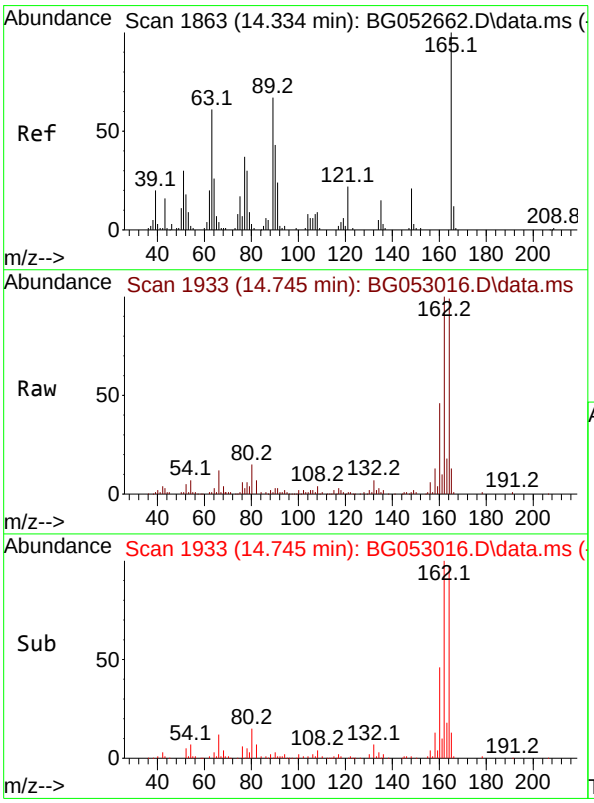
#45
2-Fluorobiphenyl
Concen: 83.599 ng
RT: 13.376 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:172 Resp: 546326

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.7	18.0	27.0

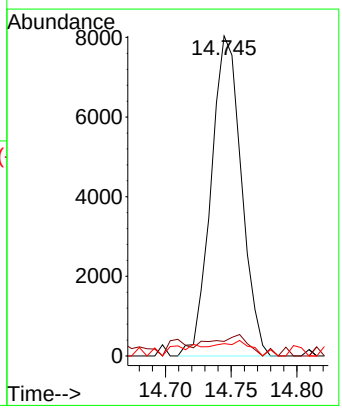


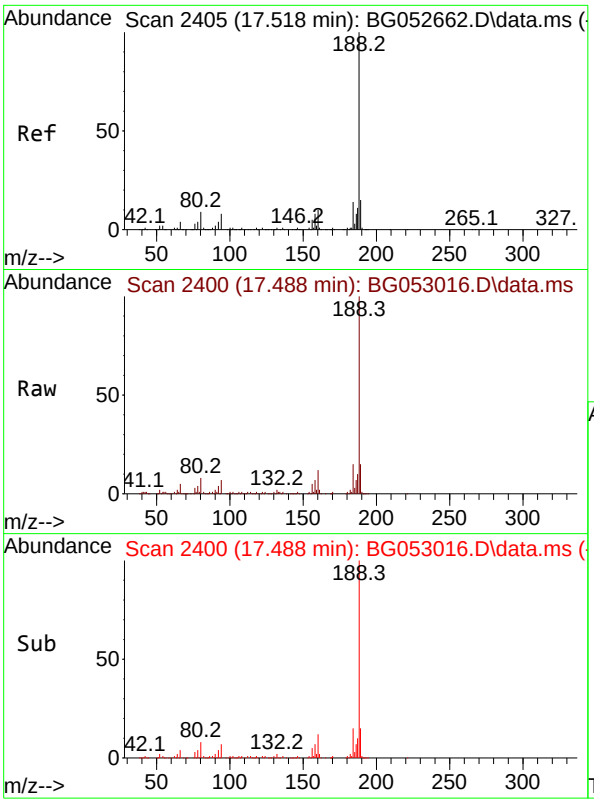


#51
2,6-Dinitrotoluene
Concen: 10.681 ng
RT: 14.745 min Scan# 1933
Delta R.T. 0.419 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:165 Resp: 12918

Ion	Ratio	Lower	Upper
165	100		
63	4.5	43.7	65.5#
89	3.8	45.0	67.4#



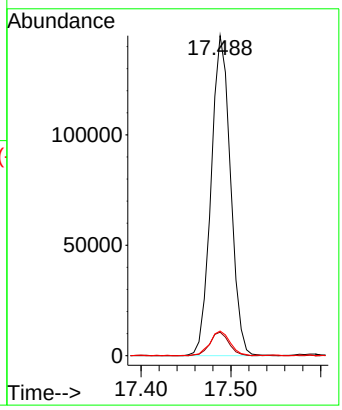


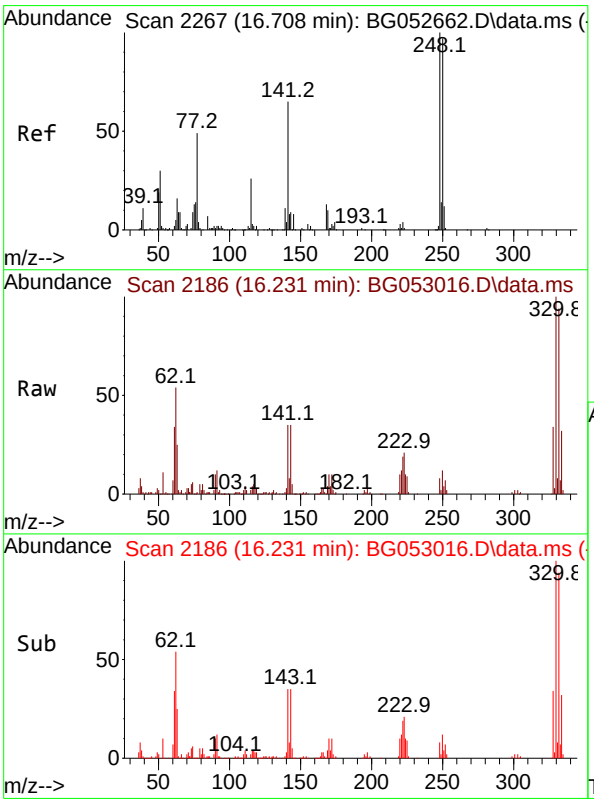
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.488 min Scan# 24
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:188 Resp: 217664

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	7.7	7.2	10.8

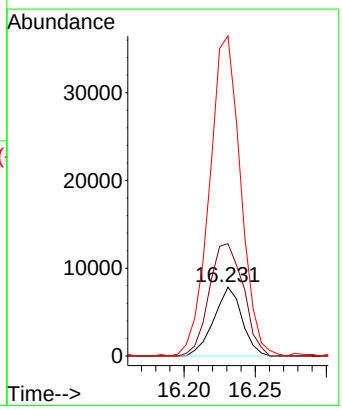


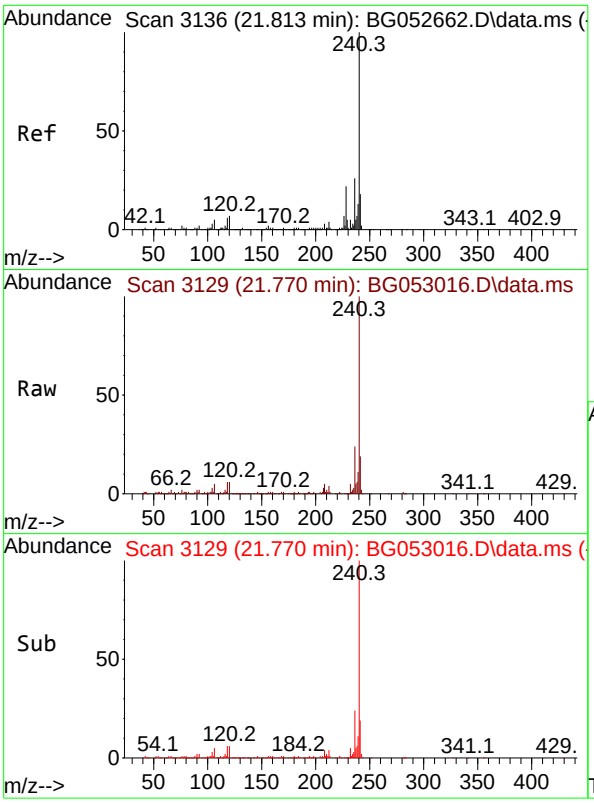


#67
4-Bromophenyl-phenylether
Concen: 4.117 ng
RT: 16.231 min Scan# 2186
Delta R.T. -0.463 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:248 Resp: 10804

Ion	Ratio	Lower	Upper
248	100		
250	163.1	77.9	116.9#
141	464.6	49.2	73.8#



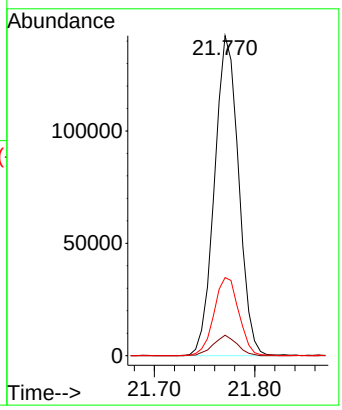


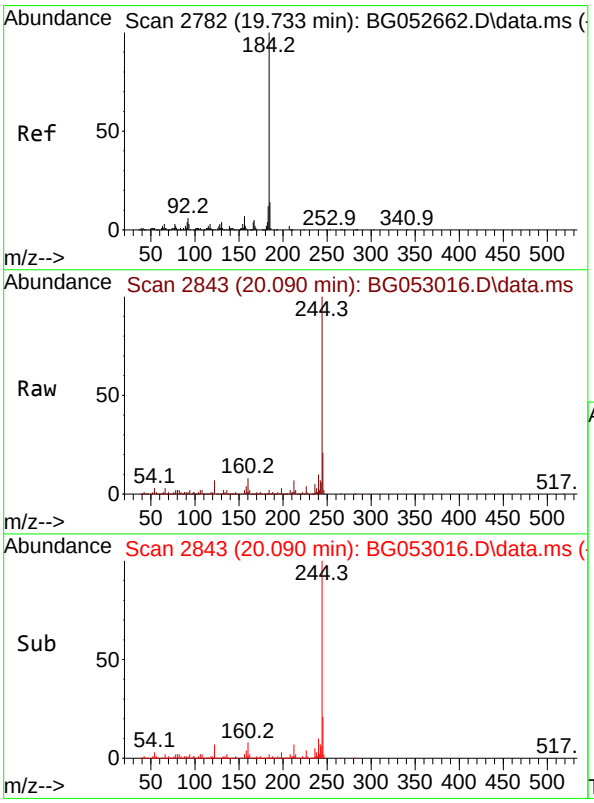
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3
Delta R.T. -0.028 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:240 Resp: 237499

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.4	8.0
236	24.4	19.8	29.6

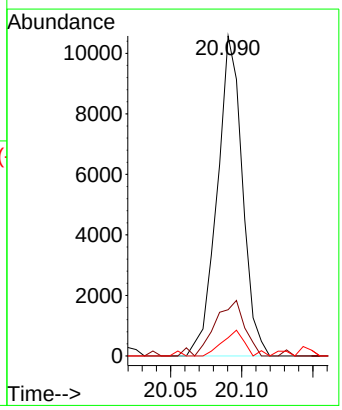


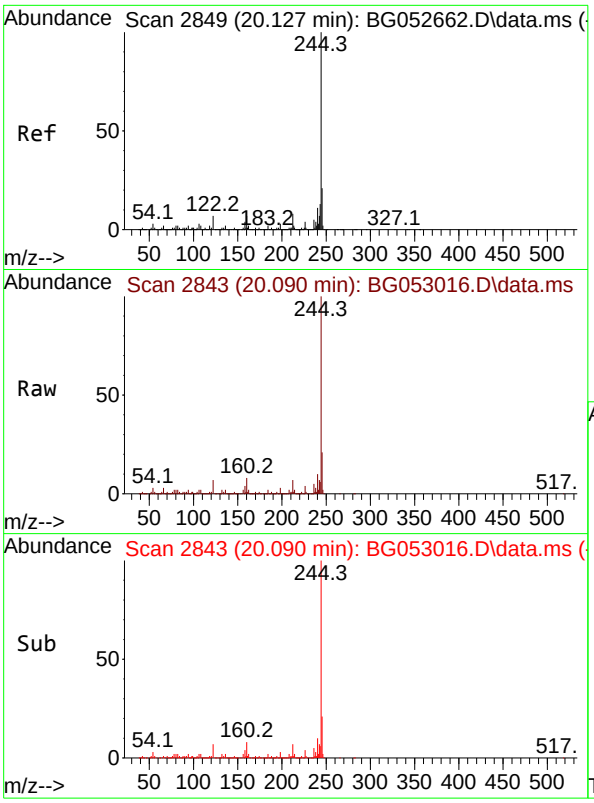


#77
Benzidine
Concen: 2.128 ng
RT: 20.090 min Scan# 2843
Delta R.T. 0.366 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:184 Resp: 13035

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	5.7	9.4	14.2#



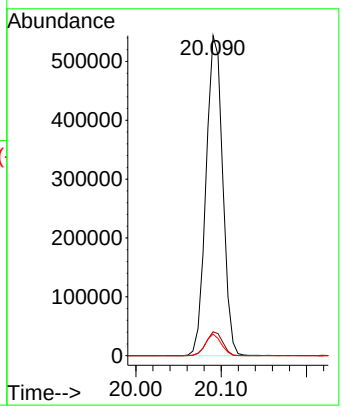


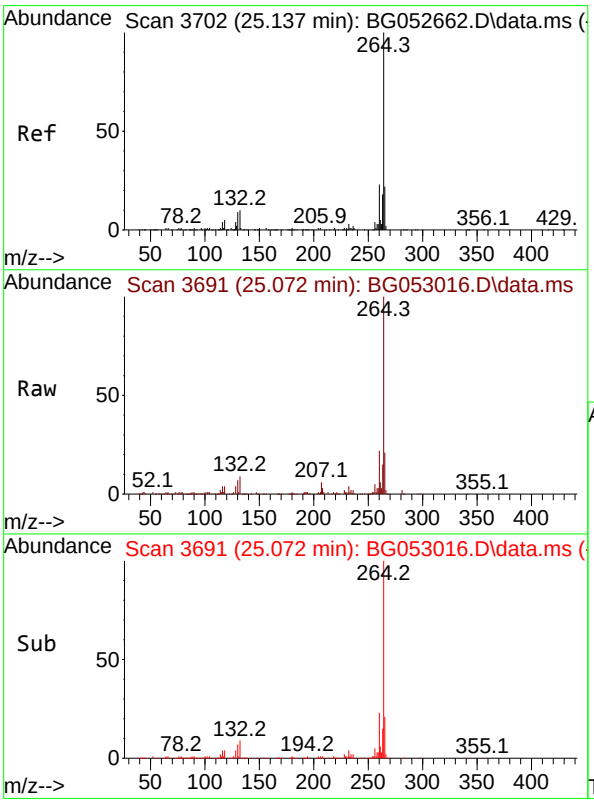
#79
Terphenyl-d14
Concen: 55.247 ng
RT: 20.090 min Scan# 2
Delta R.T. -0.022 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion:244 Resp: 737623

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.2
122	6.7	5.8	8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.072 min Scan# 3691
Delta R.T. -0.040 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:264 Resp: 245552

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	20.9	15.1	22.7