Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054434.D
Acq On : 28 Jul 2022 16:26
Operator : CG/JU
Sample : N3893-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-16

Quant Time: Jul 29 04:09:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

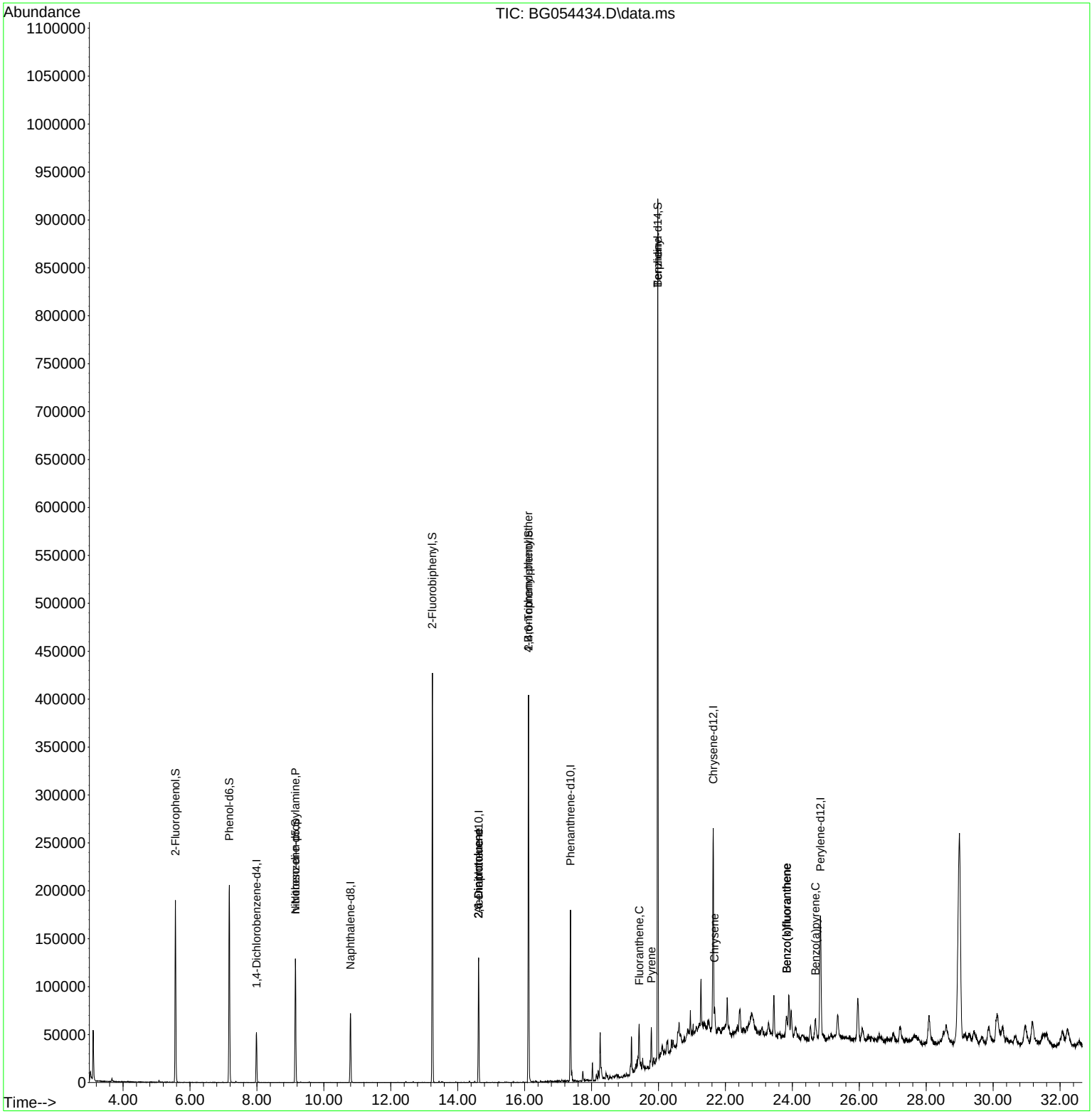
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	16609	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	66647	20.000	ng	# 0.00
39) Acenaphthene-d10	14.626	164	50953	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	126543	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	142588	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	153043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	86850	109.177	ng	0.00
7) Phenol-d6	7.176	99	117664	107.946	ng	0.00
23) Nitrobenzene-d5	9.150	82	79786	65.193	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	111153	103.898	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	248379	68.767	ng	0.00
79) Terphenyl-d14	19.979	244	512622	71.320	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.165	77	111	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.150	70	11057	15.190	ng	# 81
51) 2,6-Dinitrotoluene	14.620	165	7171	8.215	ng	# 16
57) 2,4-Dinitrotoluene	14.620	165	7171	5.730	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	6662	3.749	ng	# 1
75) Fluoranthene	19.427	202	22624	2.634	ng	97
77) Benzidine	19.979	184	6635	2.569	ng	# 84
78) Pyrene	19.785	202	28219	3.449	ng	98
83) Chrysene	21.677	228	20924	2.447	ng	# 88
88) Benzo(b)fluoranthene	23.833	252	29566	3.267	ng	# 98
89) Benzo(k)fluoranthene	23.833	252	29566	3.282	ng	# 98
90) Benzo(a)pyrene	24.691	252	20562	2.660	ng	# 92

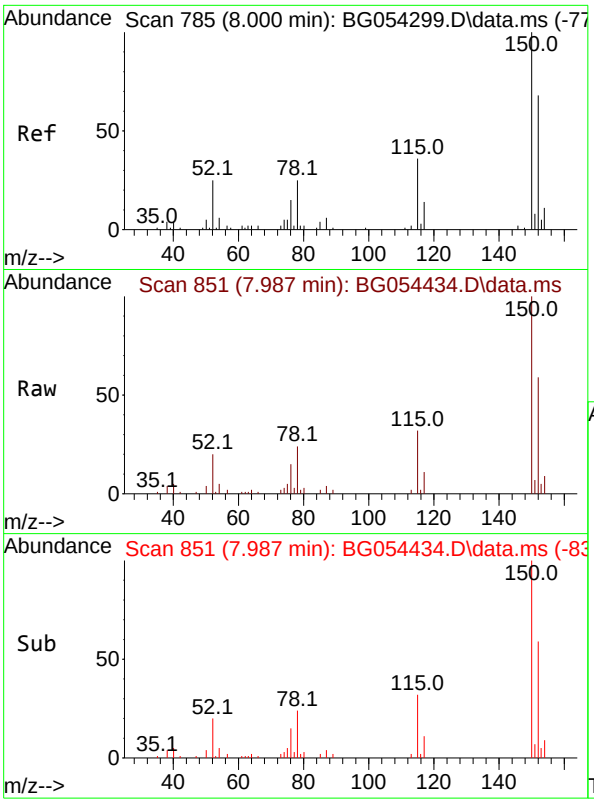
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054434.D
Acq On : 28 Jul 2022 16:26
Operator : CG/JU
Sample : N3893-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-16

Quant Time: Jul 29 04:09:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration



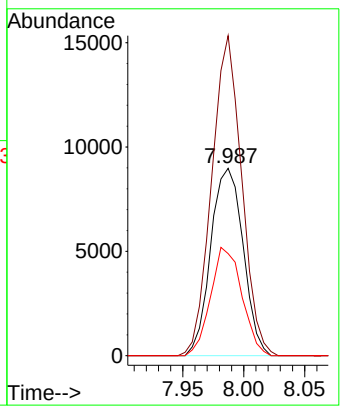


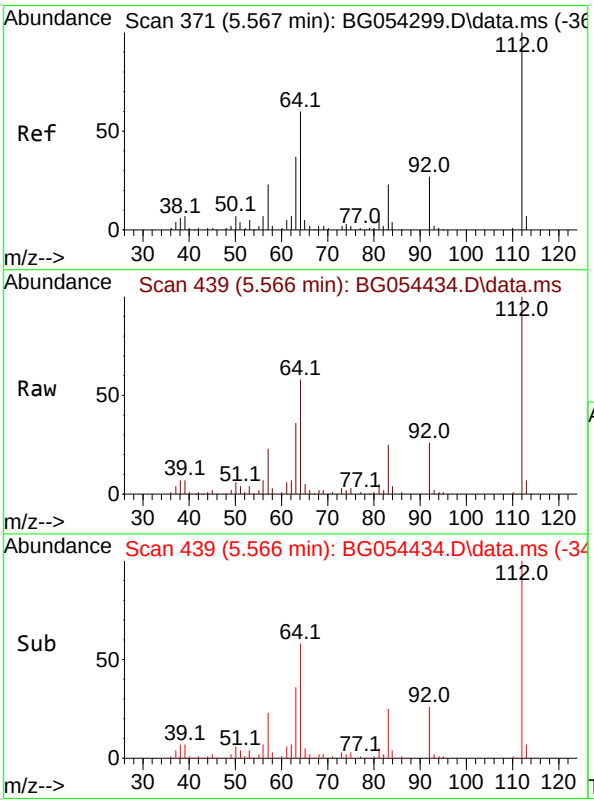
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:152 Resp: 16609

Ion	Ratio	Lower	Upper
152	100		
150	170.7	131.6	197.4
115	54.4	50.9	76.3

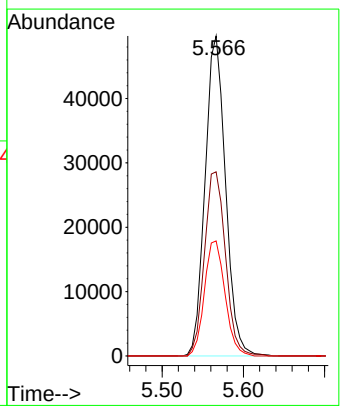


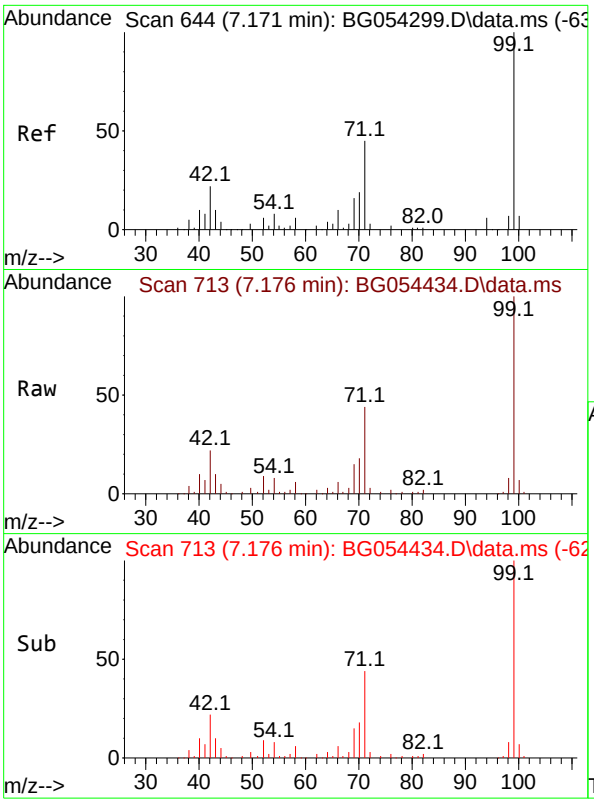


#5
2-Fluorophenol
Concen: 109.177 ng
RT: 5.566 min Scan# 439
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:112 Resp: 86850

Ion	Ratio	Lower	Upper
112	100		
64	57.6	55.1	82.7
63	35.9	30.4	45.6



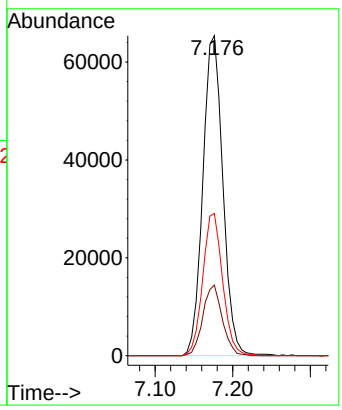


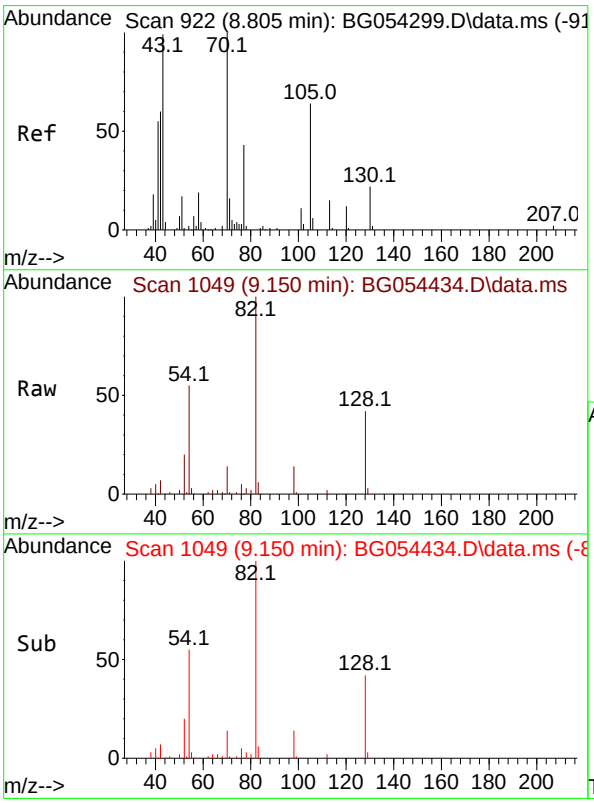
#7
Phenol-d6
Concen: 107.946 ng
RT: 7.176 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion: 99 Resp: 117664

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.0	25.6
71	44.5	33.8	50.8

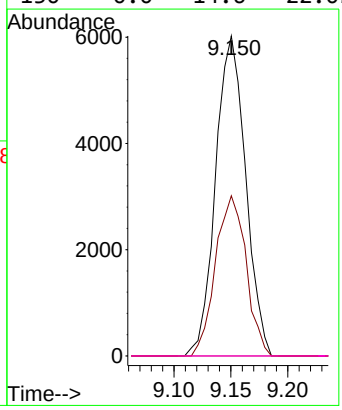


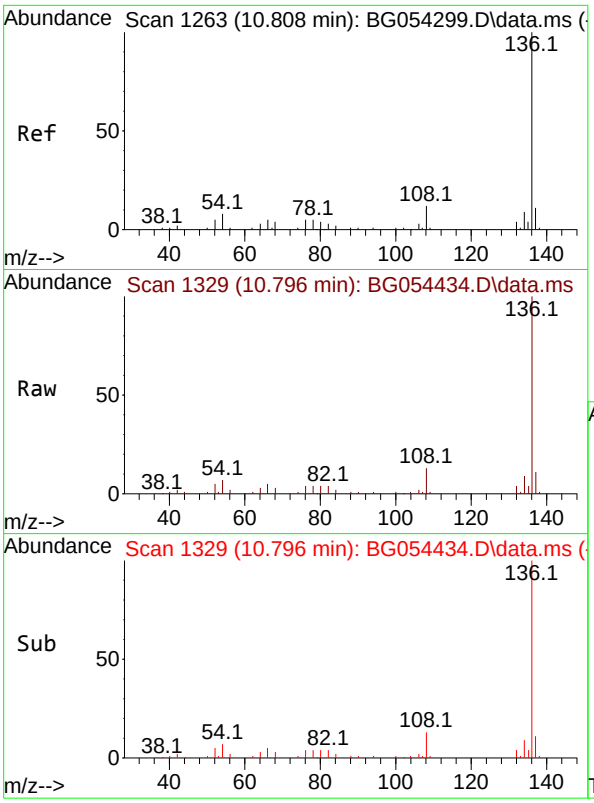


#19
n-Nitroso-di-n-propylamine
Concen: 15.190 ng
RT: 9.150 min Scan# 1049
Delta R.T. 0.357 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion: 70 Resp: 11057

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



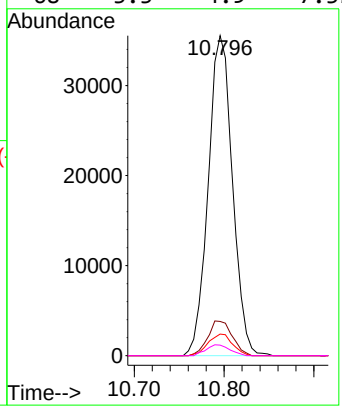


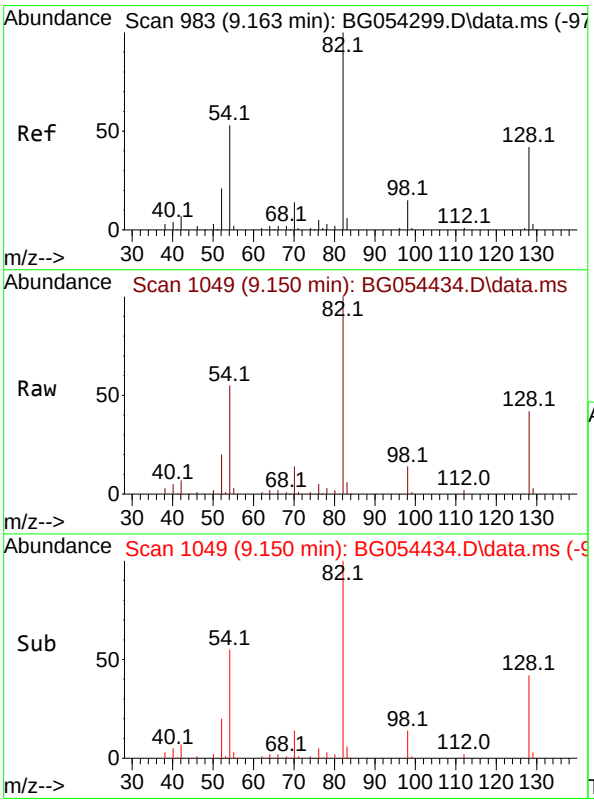
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:136 Resp: 66647

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.7	7.4	11.2#
68	3.3	4.9	7.3#

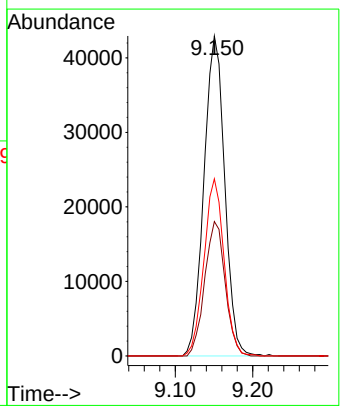


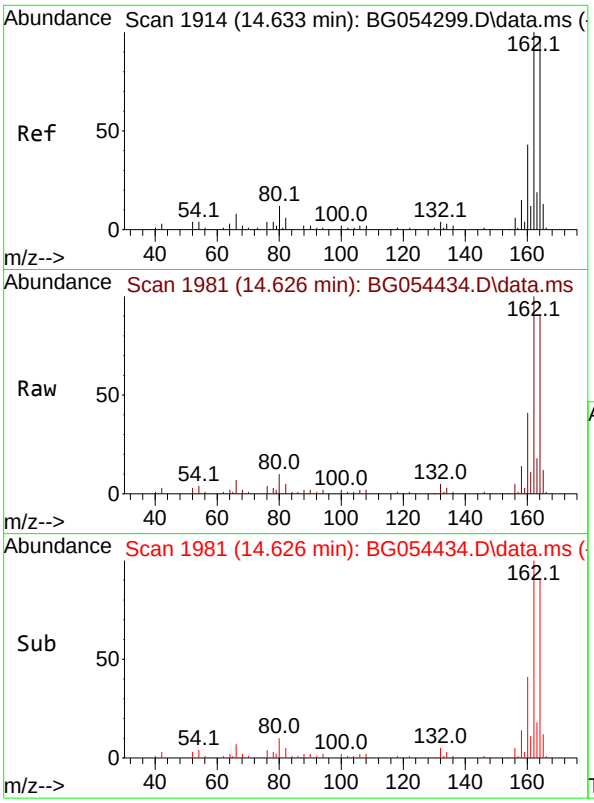


#23
Nitrobenzene-d5
Concen: 65.193 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion: 82 Resp: 79786

Ion	Ratio	Lower	Upper
82	100		
128	42.0	27.9	41.9#
54	55.4	41.2	61.8



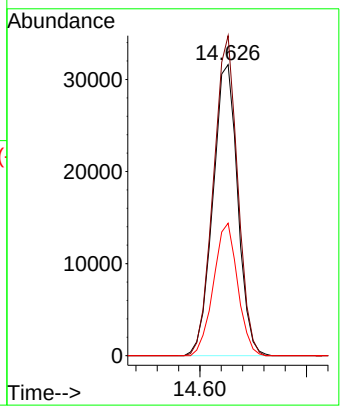


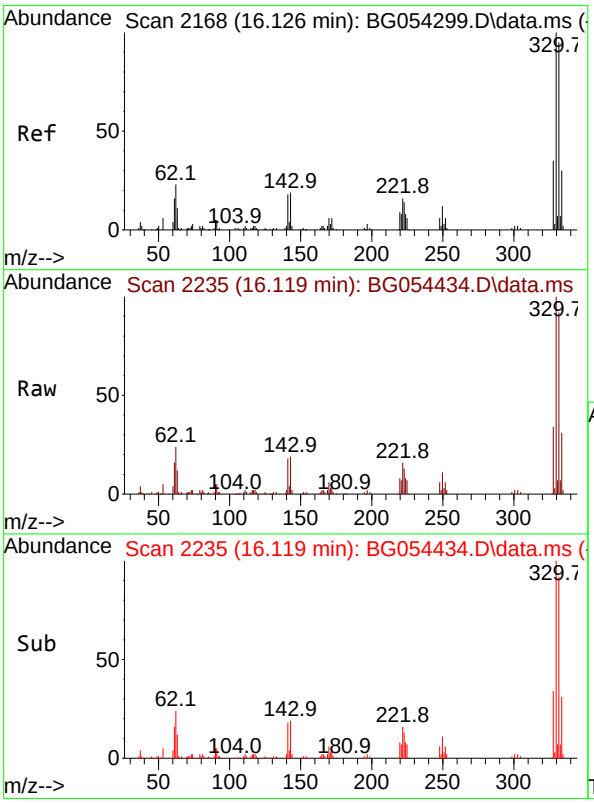
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.626 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:164 Resp: 50953

Ion	Ratio	Lower	Upper
164	100		
162	109.9	82.3	123.5
160	45.5	34.2	51.2

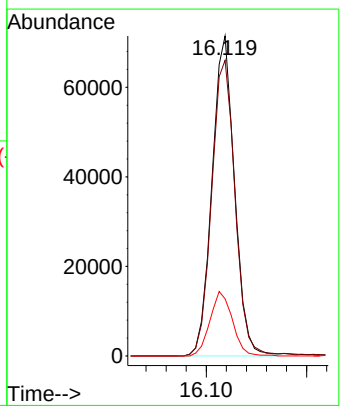


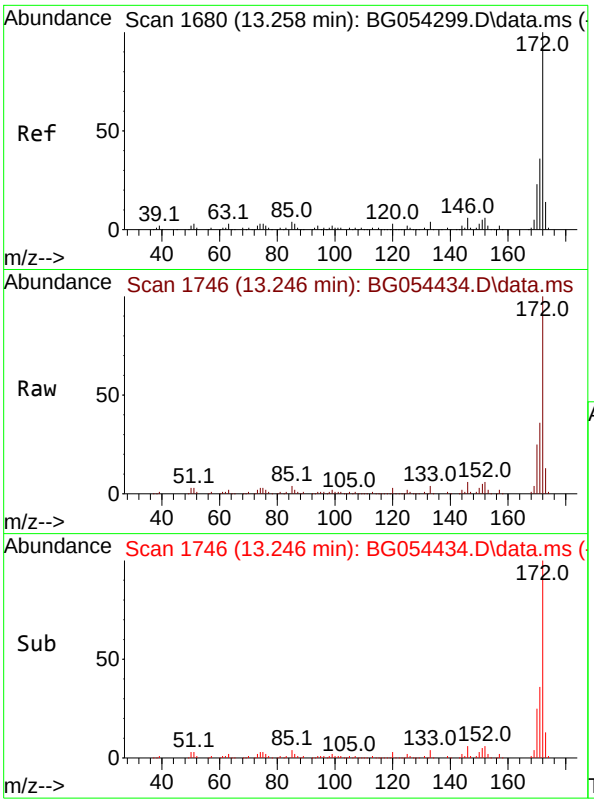


#42
2,4,6-Tribromophenol
Concen: 103.898 ng
RT: 16.119 min Scan# 2235
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:330 Resp: 111153

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	20.1	27.1	40.7#



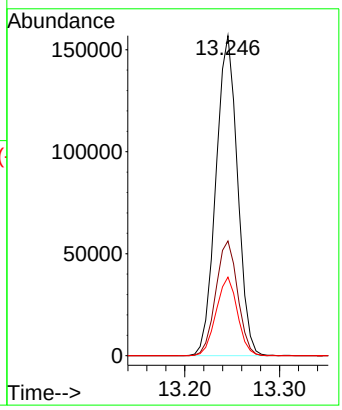


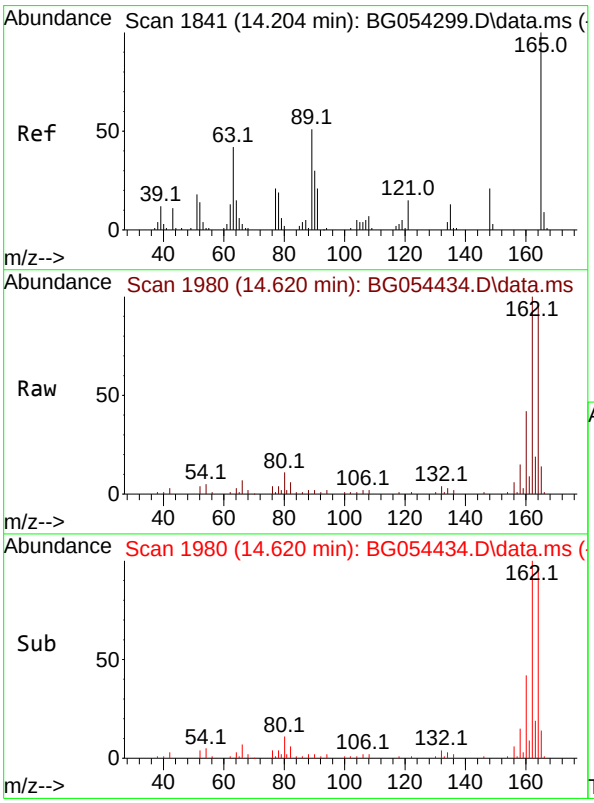
#45
2-Fluorobiphenyl
Concen: 68.767 ng
RT: 13.246 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:172 Resp: 248379

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.5	18.9	28.3

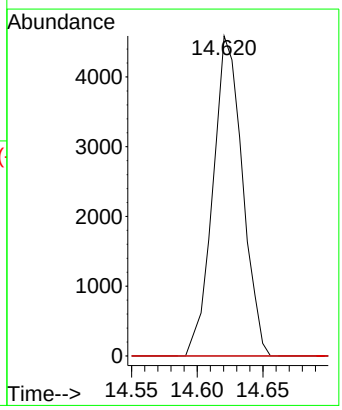


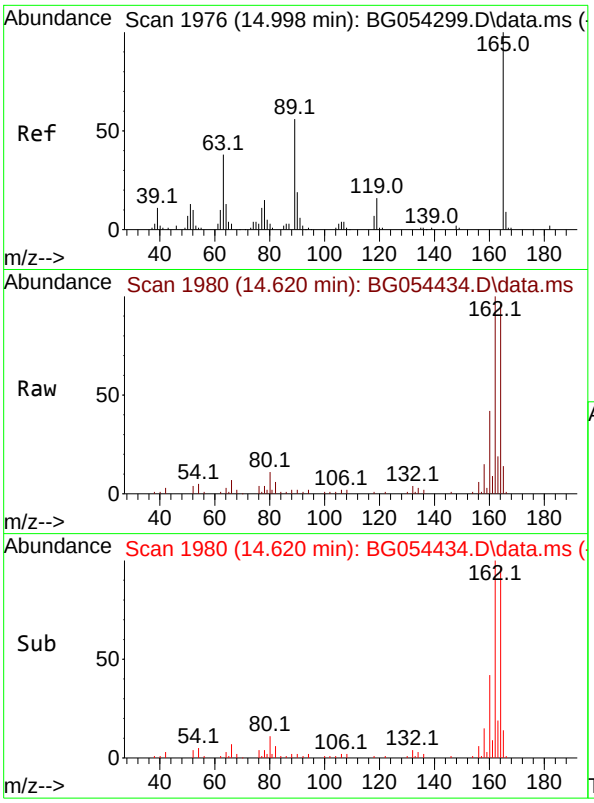


#51
2,6-Dinitrotoluene
Concen: 8.215 ng
RT: 14.620 min Scan# 1980
Delta R.T. 0.422 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:165 Resp: 7171

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#



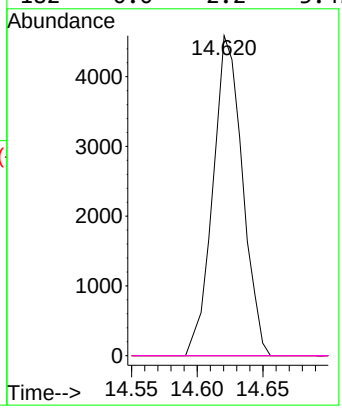


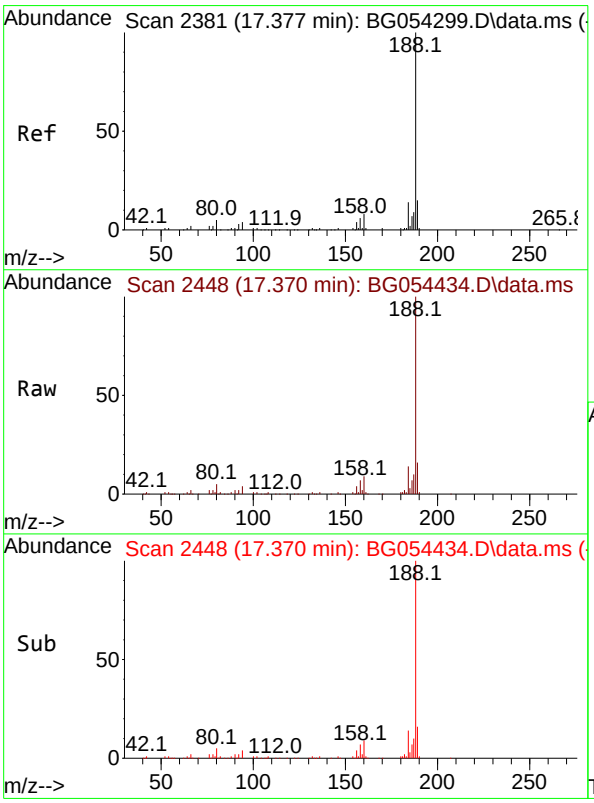
#57
2,4-Dinitrotoluene
Concen: 5.730 ng
RT: 14.620 min Scan# 1
Delta R.T. -0.371 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:165 Resp: 7171

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

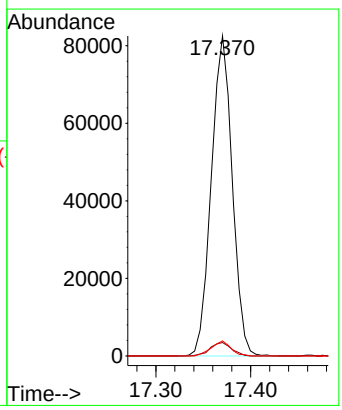


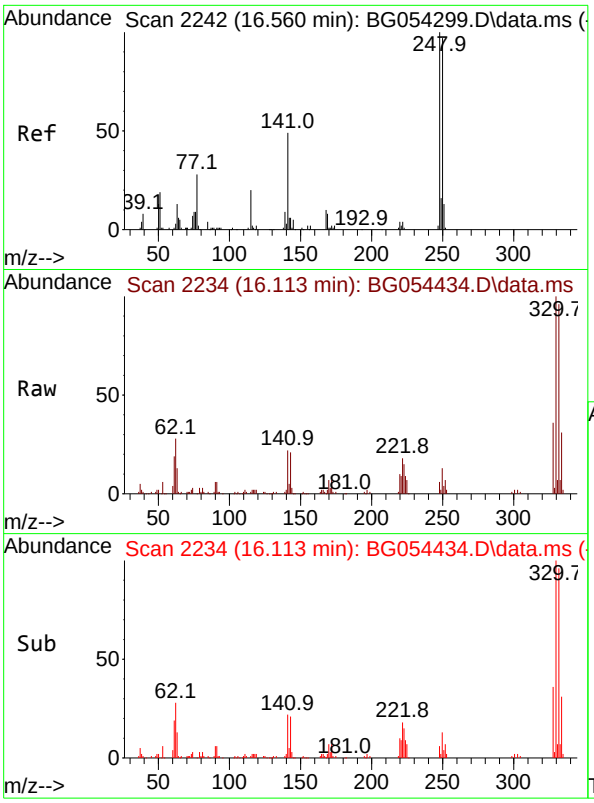


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:188 Resp: 126543

Ion	Ratio	Lower	Upper
188	100		
94	4.2	5.4	8.0#
80	4.7	6.8	10.2#



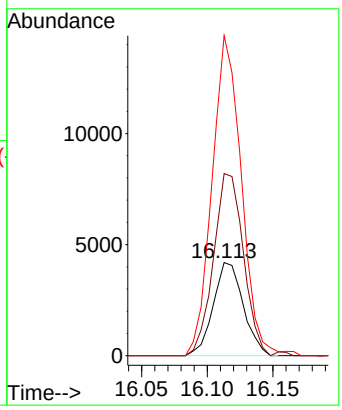


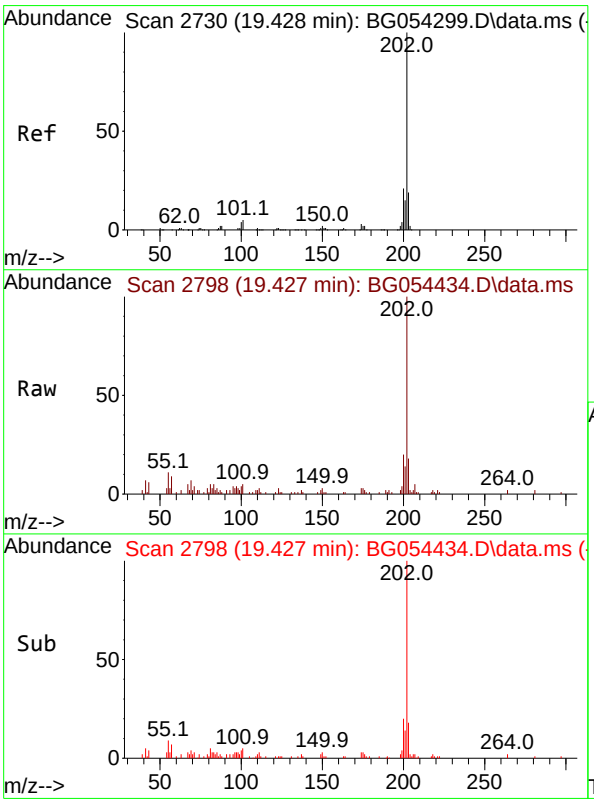
#67
4-Bromophenyl-phenylether
Concen: 3.749 ng
RT: 16.113 min Scan# 2
Delta R.T. -0.442 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:248 Resp: 6662

Ion	Ratio	Lower	Upper
248	100		
250	148.5	75.2	112.8#
141	260.9	50.0	75.0#

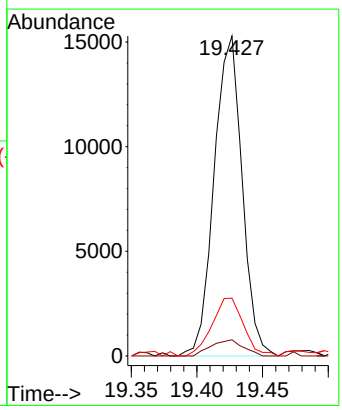


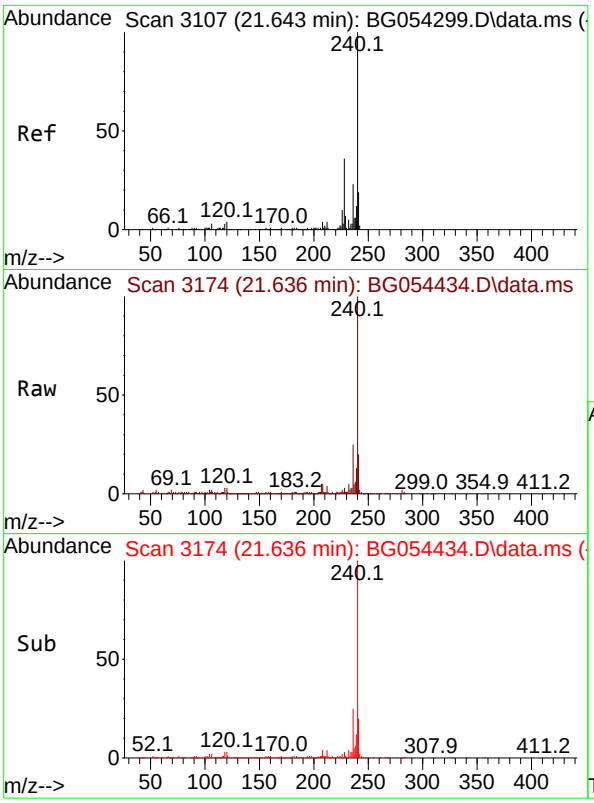


#75
Fluoranthene
Concen: 2.634 ng
RT: 19.427 min Scan# 2798
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:202 Resp: 22624

Ion	Ratio	Lower	Upper
202	100		
101	5.1	0.0	26.9
203	18.0	0.0	37.2



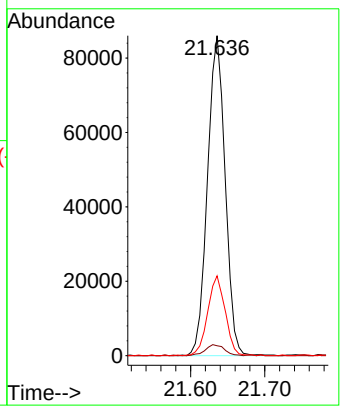


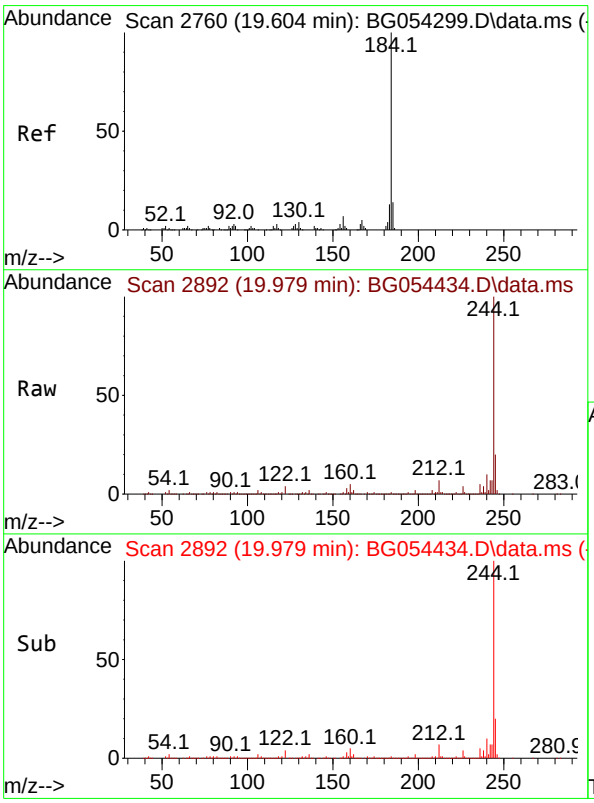
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:240 Resp: 142588

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.6	7.0#
236	24.9	20.2	30.4

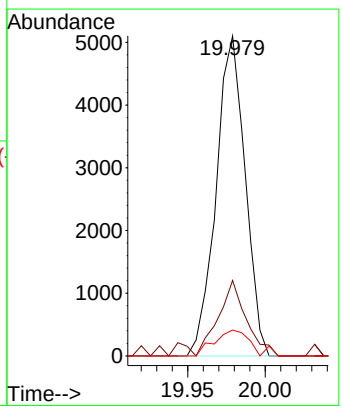


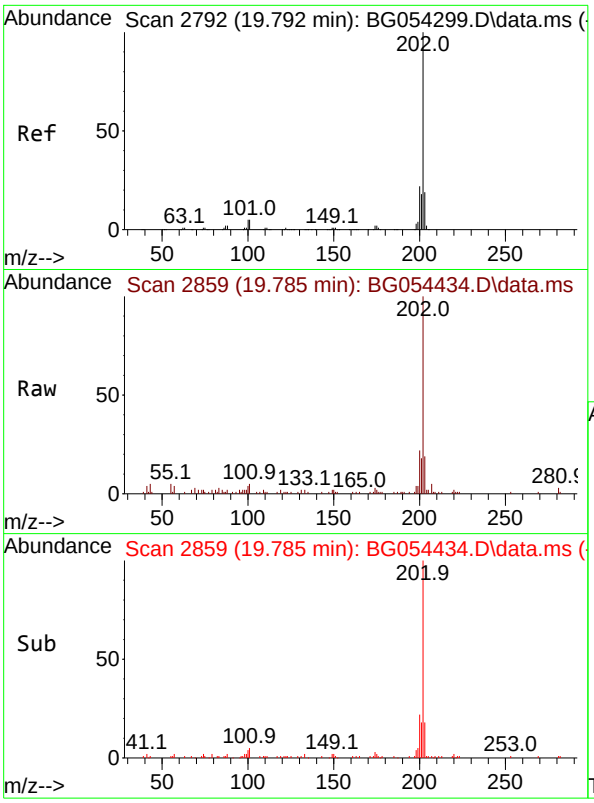


#77
Benzidine
Concen: 2.569 ng
RT: 19.979 min Scan# 2892
Delta R.T. 0.381 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:184 Resp: 6635

Ion	Ratio	Lower	Upper
184	100		
185	23.6	11.8	17.6#
183	8.1	8.9	13.3#



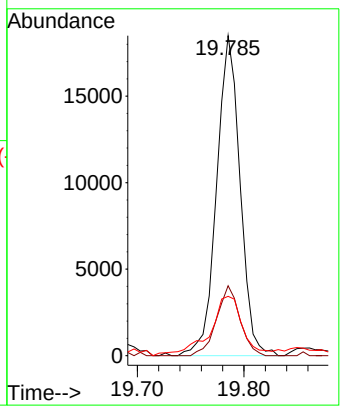


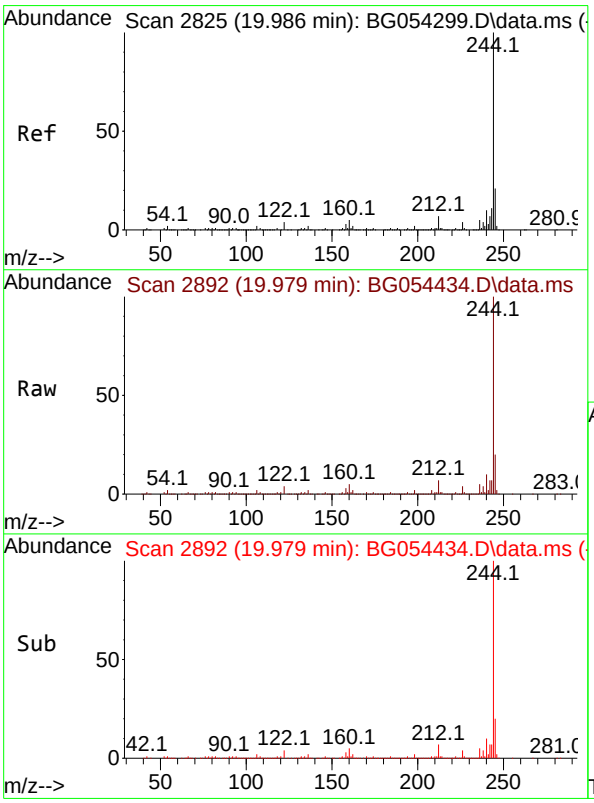
#78
Pyrene
Concen: 3.449 ng
RT: 19.785 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:202 Resp: 28219

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.6	24.8
203	18.6	14.6	21.8

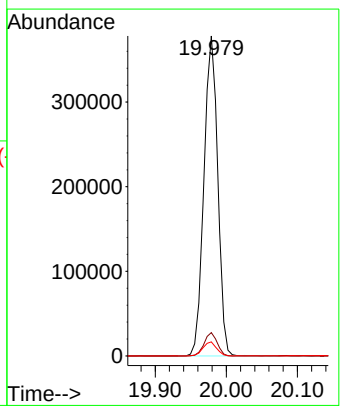


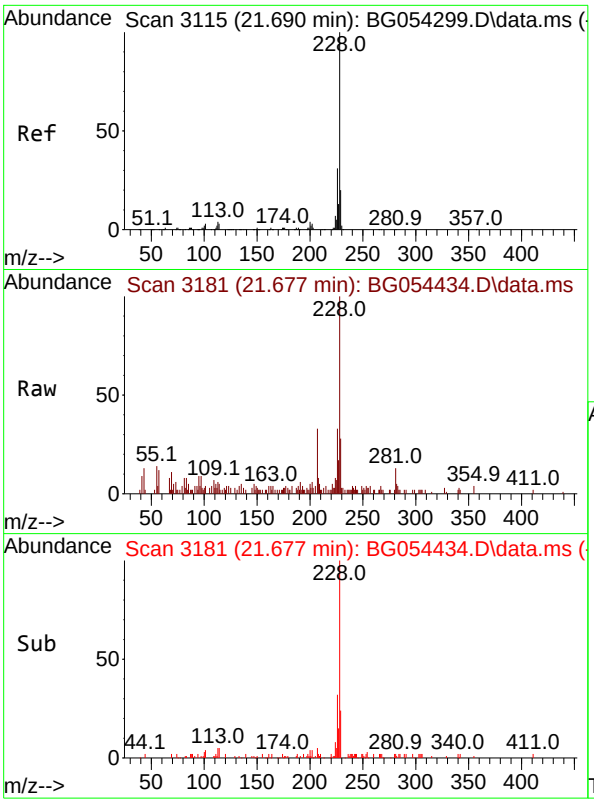


#79
Terphenyl-d14
Concen: 71.320 ng
RT: 19.979 min Scan# 2892
Delta R.T. -0.001 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:244 Resp: 512622

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	4.4	5.0	7.4#



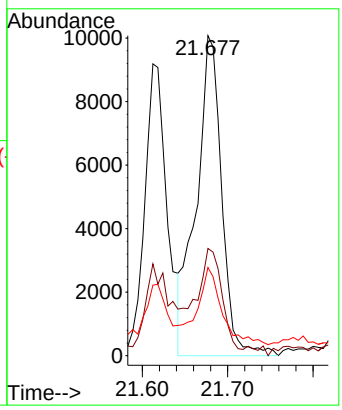


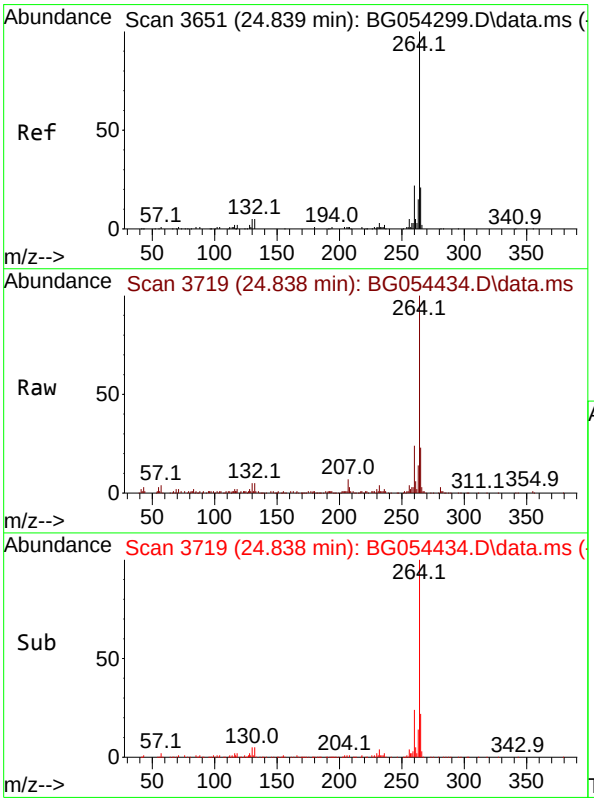
#83
Chrysene
Concen: 2.447 ng
RT: 21.677 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:228 Resp: 20924

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.2
229	27.6	15.5	23.3#

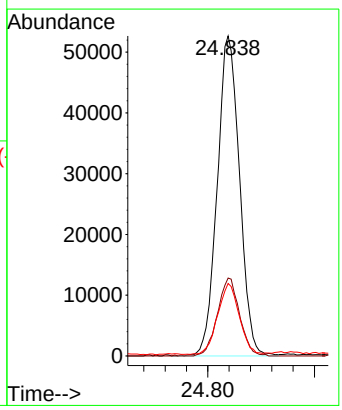


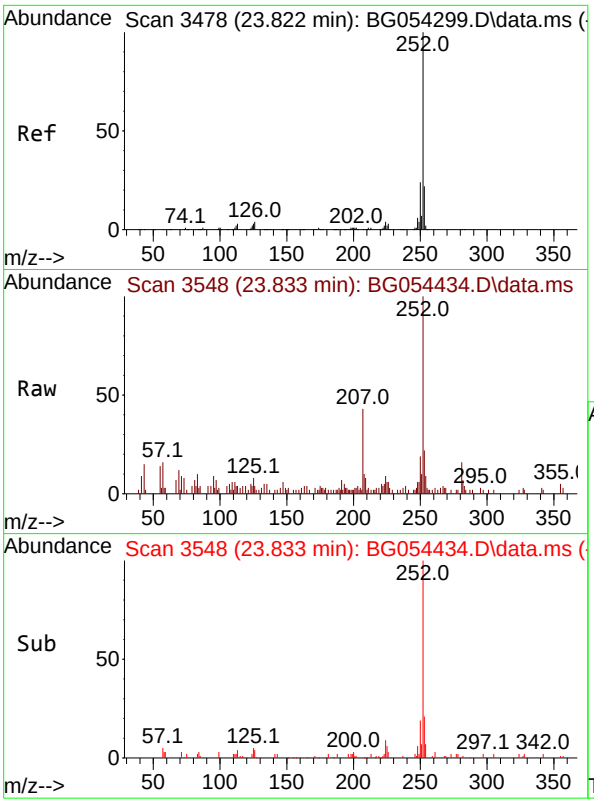


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.838 min Scan# 3719
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:264 Resp: 153043

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	22.6	17.4	26.2



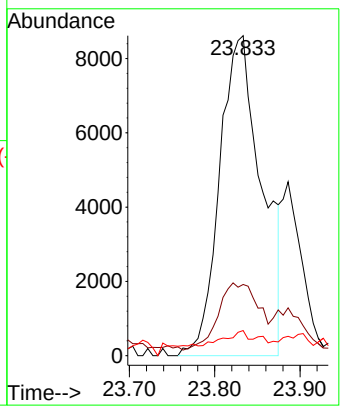


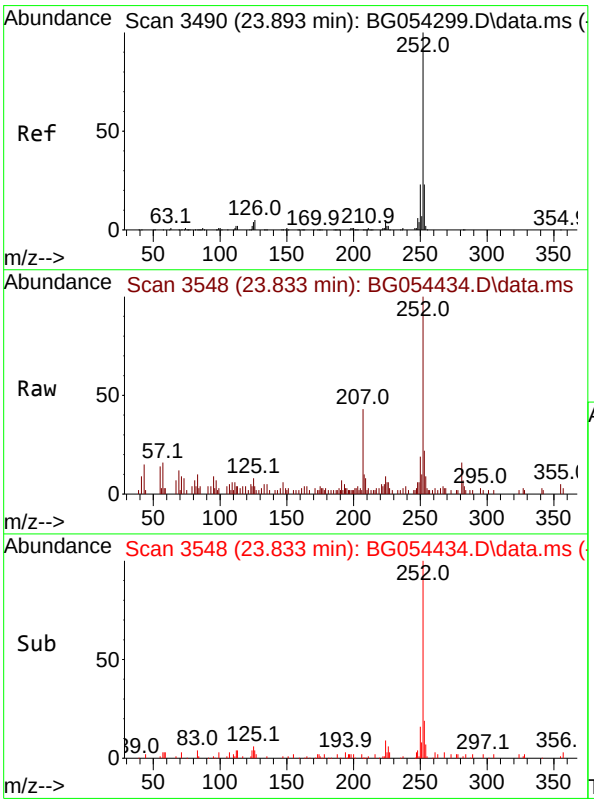
#88
Benzo(b)fluoranthene
Concen: 3.267 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.010 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:252 Resp: 29566

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	7.9	4.6	6.8#

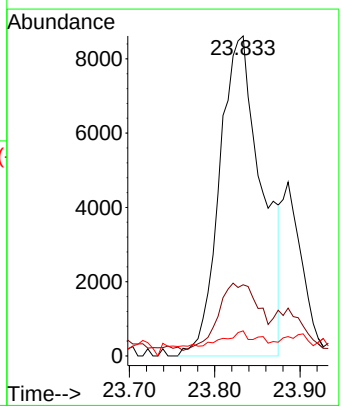


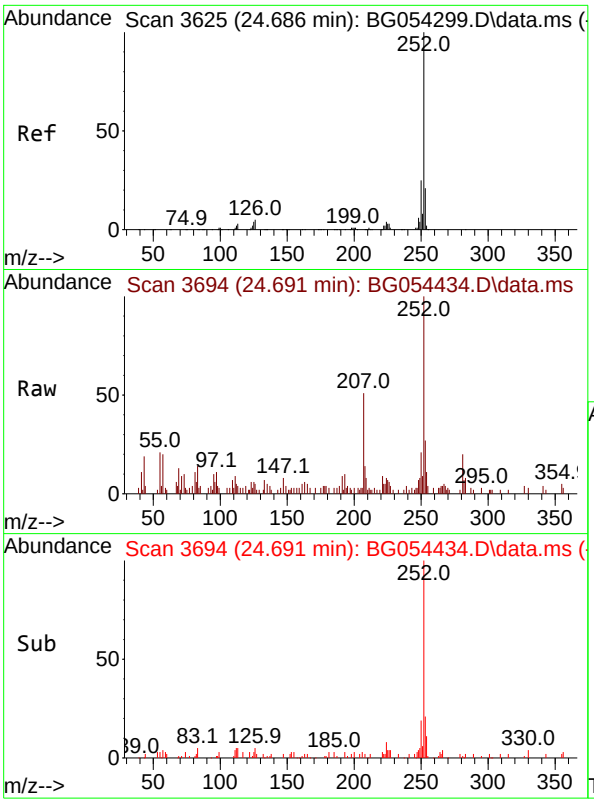


#89
Benzo(k)fluoranthene
Concen: 3.282 ng
RT: 23.833 min Scan# 3548
Delta R.T. -0.054 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Tgt Ion:252 Resp: 29566

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	7.9	4.8	7.2#





#90
Benzo(a)pyrene
Concen: 2.660 ng
RT: 24.691 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG054434.D
Acq: 28 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
RVE-16

Tgt Ion:252 Resp: 20562

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.8	26.8#
125	6.1	4.3	6.5