Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
Data File : BG054480.D
Acq On : 2 Aug 2022 12:40
Operator : CG/JU
Sample : N3894-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-27

Quant Time: Aug 03 04:13:21 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	7.979	152	14483	20.000	ng		0.00
21) Naphthalene-d8	10.794	136	51899	20.000	ng	#	0.00
39) Acenaphthene-d10	14.624	164	42664	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	116732	20.000	ng	#	0.00
76) Chrysene-d12	21.634	240	142534	20.000	ng	#	0.00
86) Perylene-d12	24.842	264	149920	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.564	112	78809	113.612	ng		0.00
7) Phenol-d6	7.180	99	107716	113.326	ng		0.00
23) Nitrobenzene-d5	9.149	82	73007	76.605	ng		0.00
42) 2,4,6-Tribromophenol	16.117	330	111087	124.011	ng		0.00
45) 2-Fluorobiphenyl	13.244	172	216690	71.649	ng		0.00
79) Terphenyl-d14	19.977	244	516379	71.870	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.109	88	830	3.008	ng	#	1
9) Benzaldehyde	7.180	77	107	Below Cal		#	10
19) n-Nitroso-di-n-propyla...	9.149	70	10825	17.055	ng	#	80
51) 2,6-Dinitrotoluene	14.624	165	6105	8.352	ng	#	16
57) 2,4-Dinitrotoluene	14.624	165	6105	5.826	ng	#	21
67) 4-Bromophenyl-phenylether	16.117	248	6634	4.047	ng	#	1
75) Fluoranthene	19.425	202	28911	3.648	ng		98
78) Pyrene	19.783	202	30806	3.767	ng		98
81) Benzo(a)anthracene	21.616	228	20096	2.221	ng		99
83) Chrysene	21.681	228	21031	2.460	ng		92
88) Benzo(b)fluoranthene	23.831	252	28005	3.159	ng		95
89) Benzo(k)fluoranthene	23.831	252	28005	3.174	ng	#	96
90) Benzo(a)pyrene	24.689	252	21342	2.819	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
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Acq On : 2 Aug 2022 12:40
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Sample : N3894-08
Misc :
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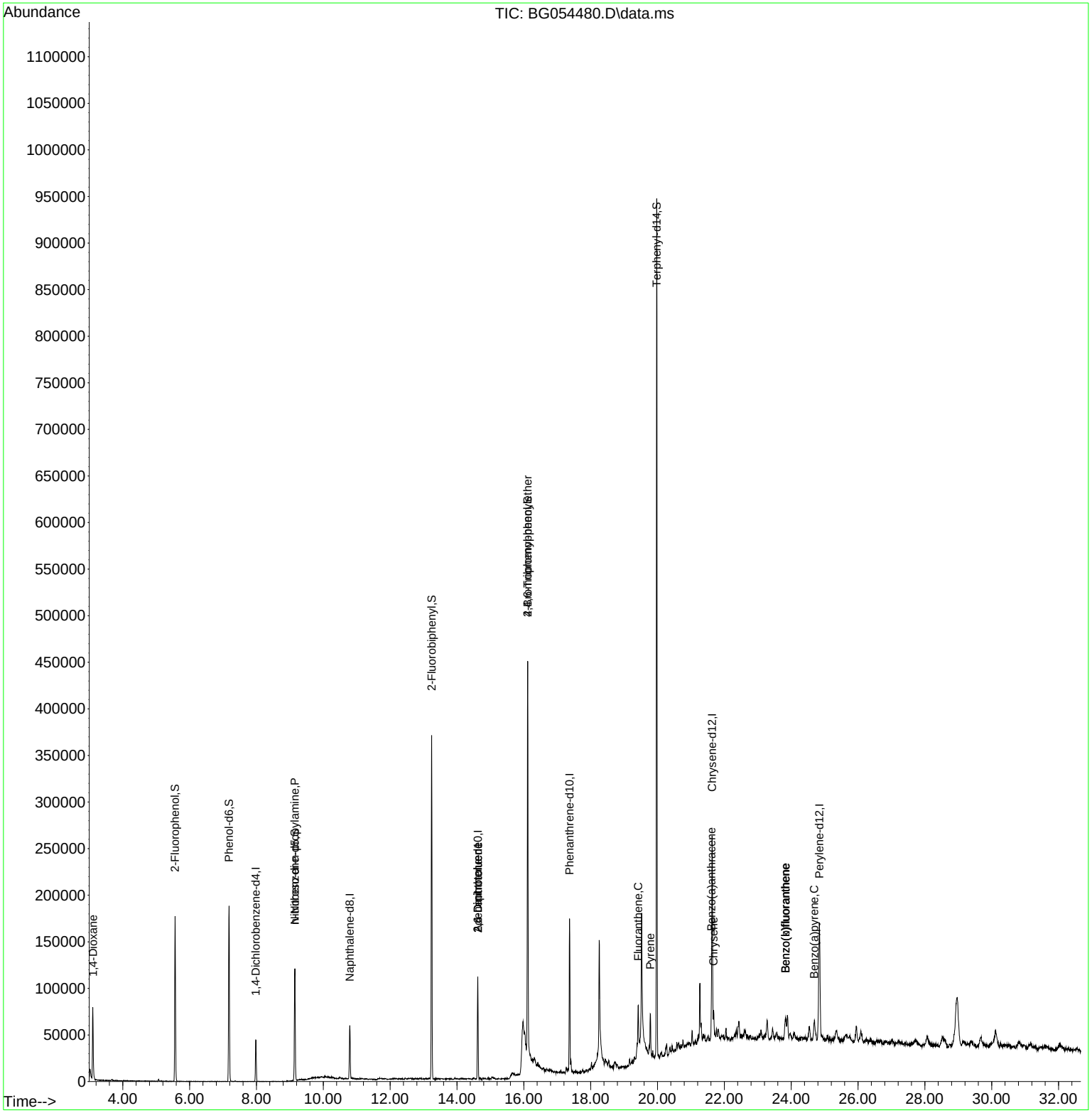
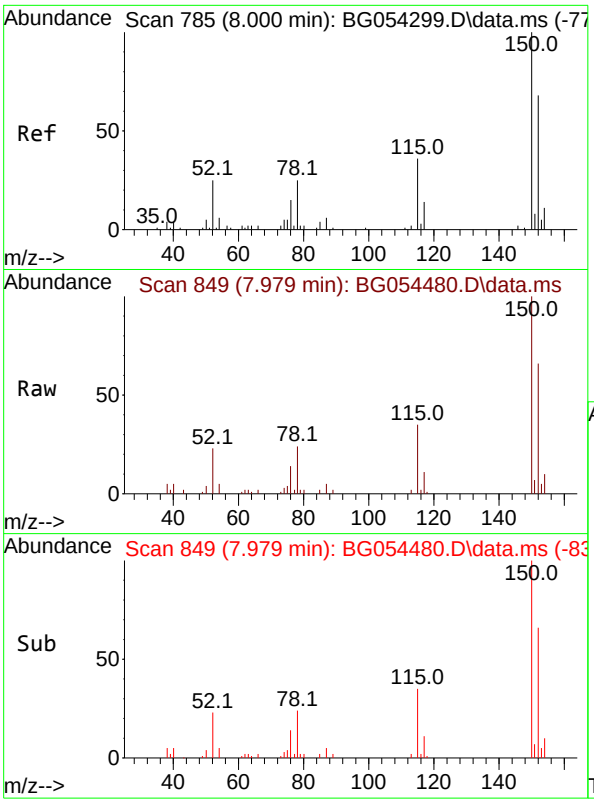
Quant Time: Aug 03 04:13:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration



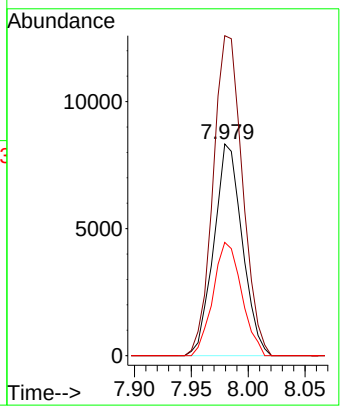


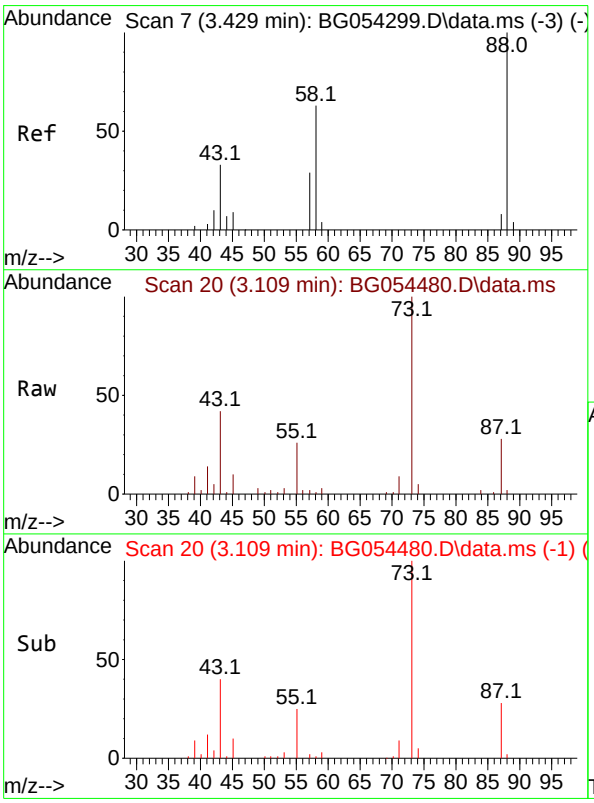
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:152 Resp: 14483

Ion	Ratio	Lower	Upper
152	100		
150	151.2	131.6	197.4
115	53.6	50.9	76.3

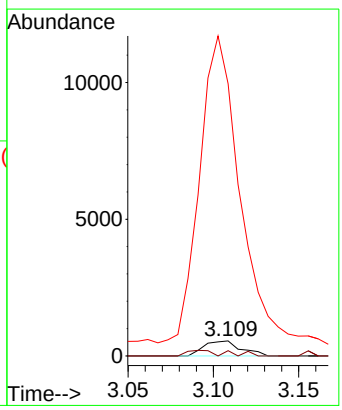


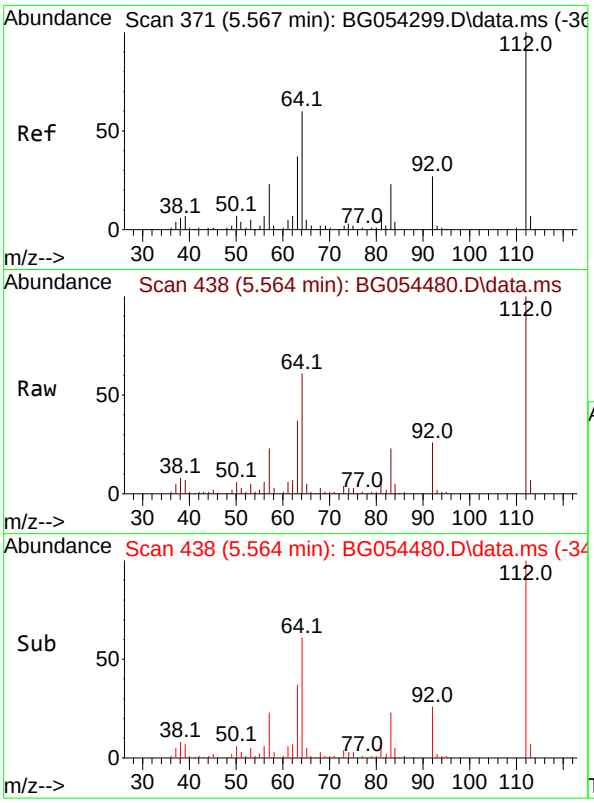


#2
1,4-Dioxane
Concen: 3.008 ng
RT: 3.109 min Scan# 20
Delta R.T. -0.309 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion: 88 Resp: 830

Ion	Ratio	Lower	Upper
88	100		
58	24.2	59.2	88.8#
43	2335.7	24.3	36.5#



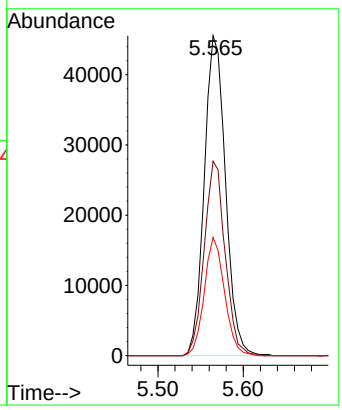


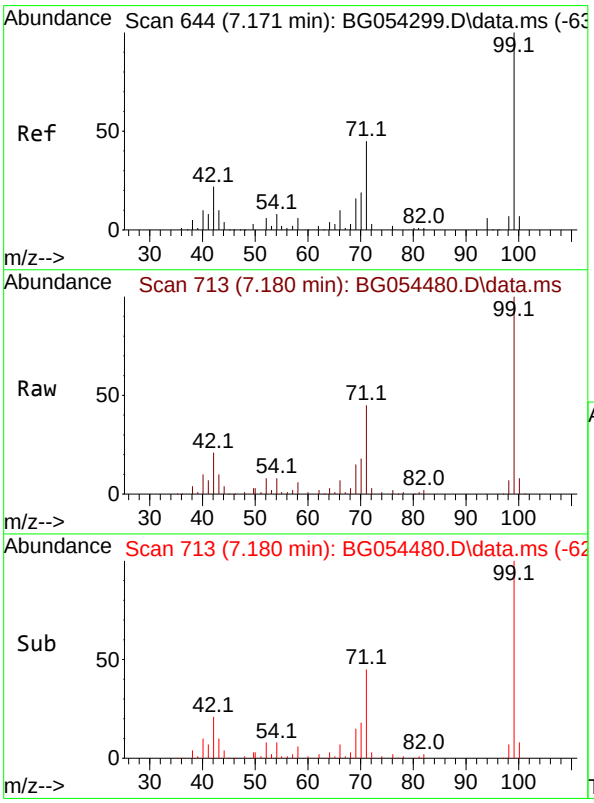
#5
2-Fluorophenol
Concen: 113.612 ng
RT: 5.564 min Scan# 4
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:112 Resp: 78809

Ion	Ratio	Lower	Upper
112	100		
64	60.8	55.1	82.7
63	37.0	30.4	45.6

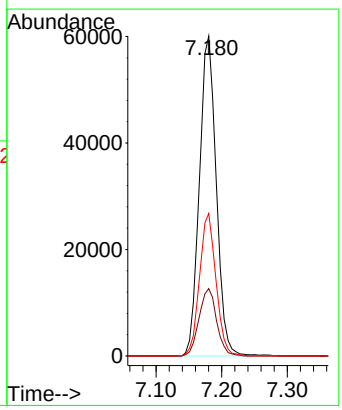


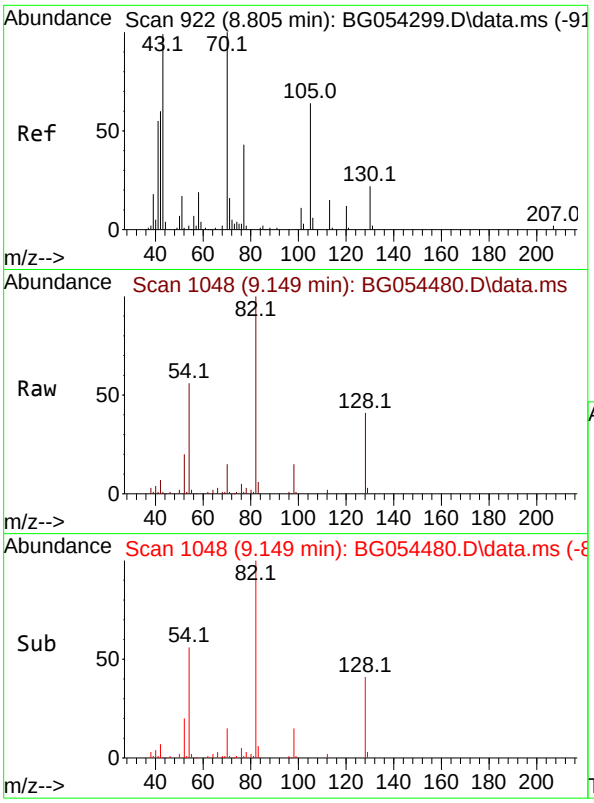


#7
Phenol-d6
Concen: 113.326 ng
RT: 7.180 min Scan# 713
Delta R.T. 0.009 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion: 99 Resp: 107716

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.6
71	44.6	33.8	50.8



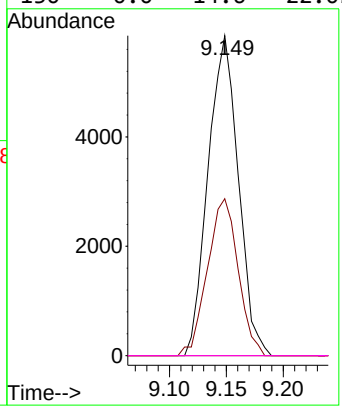


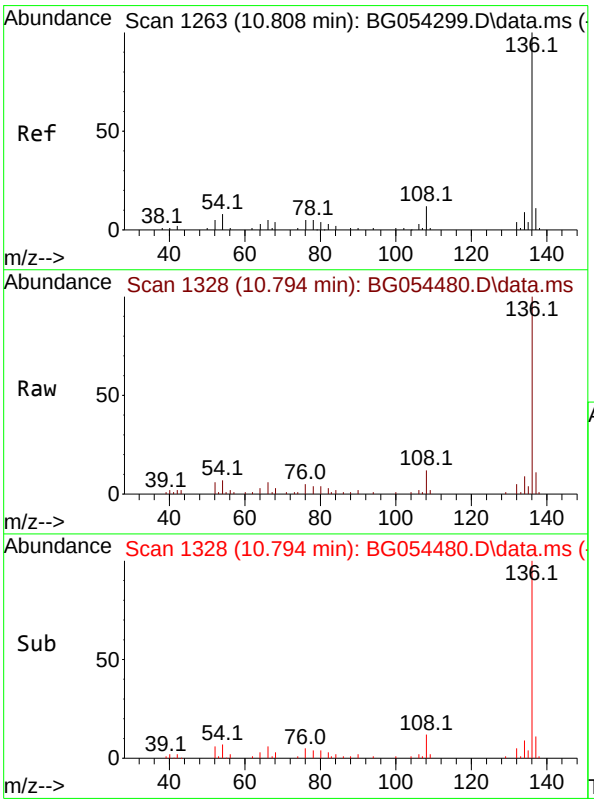
#19
n-Nitroso-di-n-propylamine
Concen: 17.055 ng
RT: 9.149 min Scan# 1
Delta R.T. 0.355 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion: 70 Resp: 10825

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

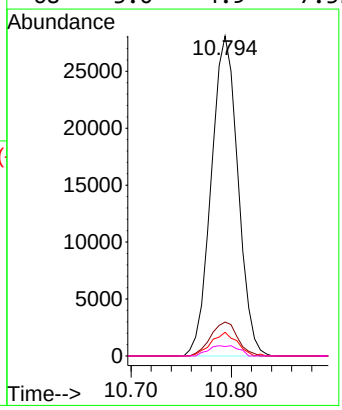


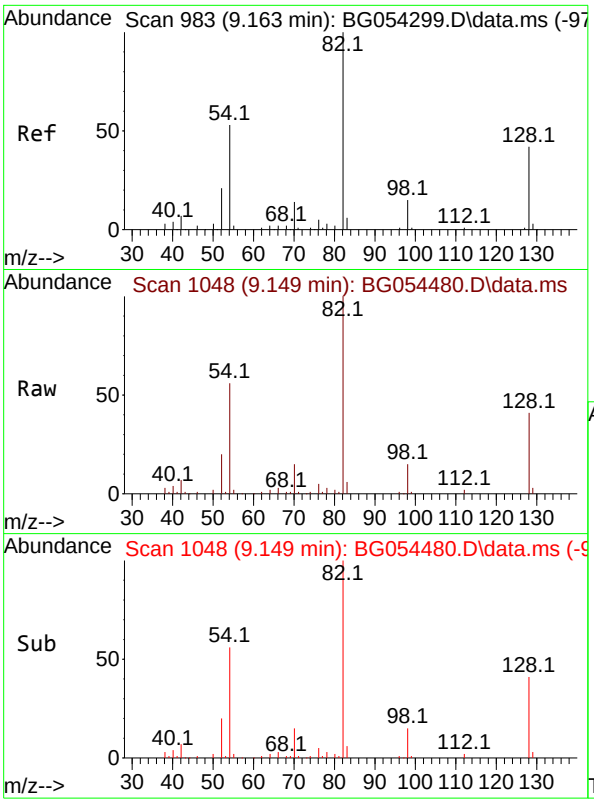


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 1328
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:136 Resp: 51899

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.4	7.4	11.2#
68	3.0	4.9	7.3#



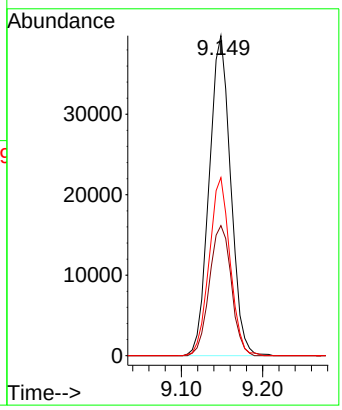


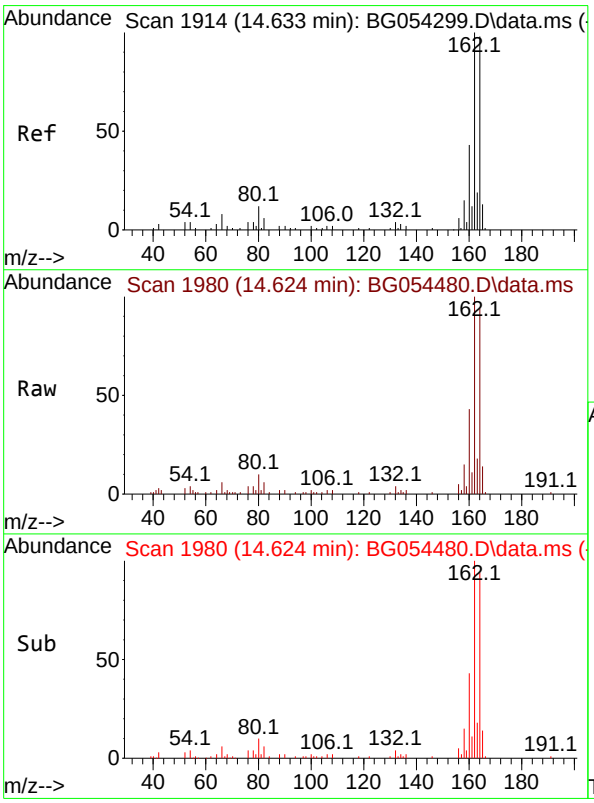
#23
Nitrobenzene-d5
Concen: 76.605 ng
RT: 9.149 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion: 82 Resp: 73007

Ion	Ratio	Lower	Upper
82	100		
128	40.7	27.9	41.9
54	55.6	41.2	61.8

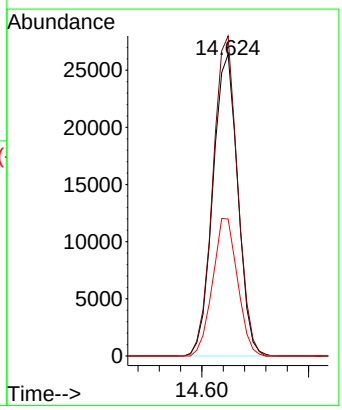


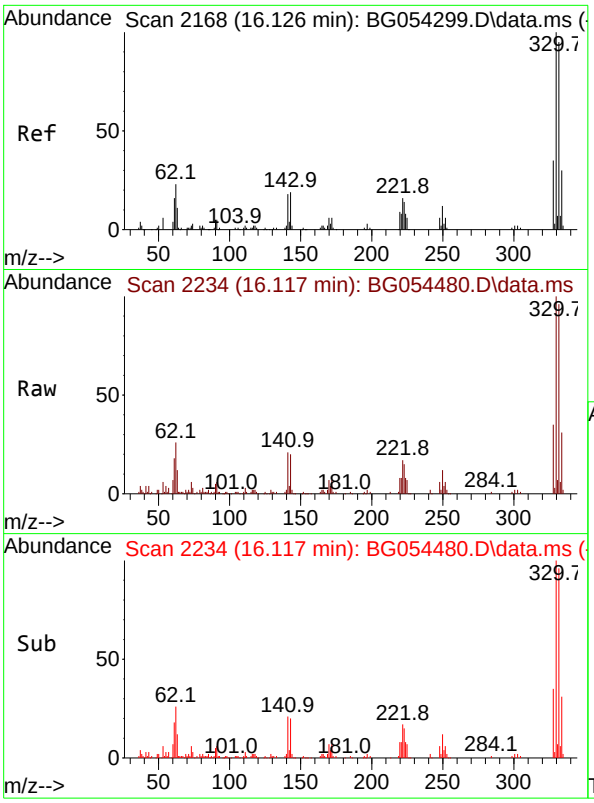


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.624 min Scan# 1980
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:164 Resp: 42664

Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.3	123.5
160	45.4	34.2	51.2



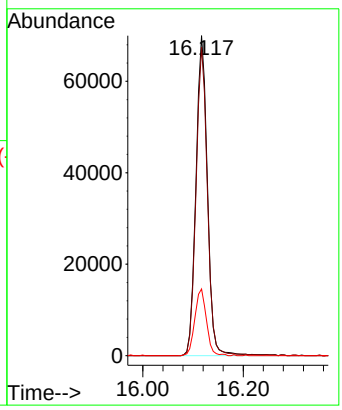


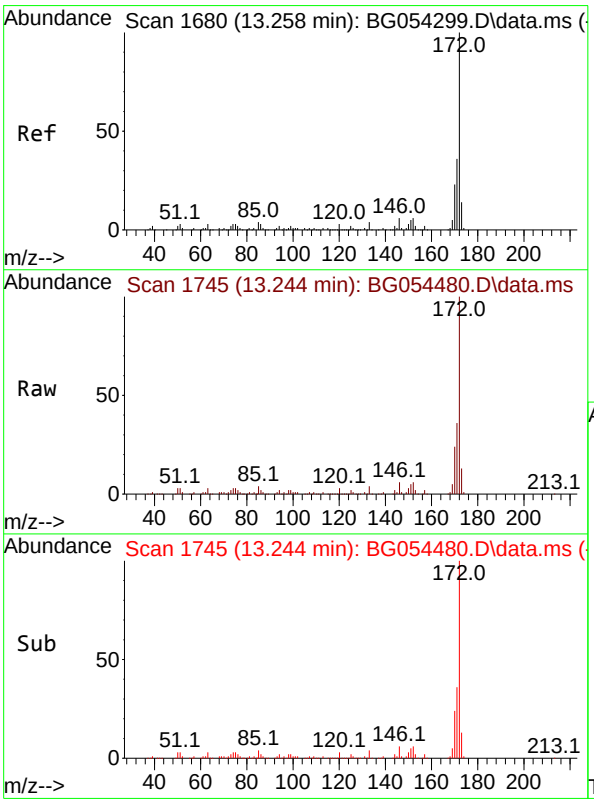
#42
2,4,6-Tribromophenol
Concen: 124.011 ng
RT: 16.117 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:330 Resp: 111087

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	21.0	27.1	40.7#

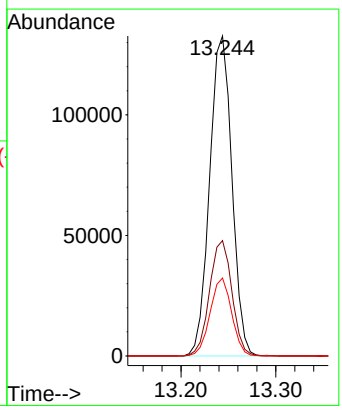


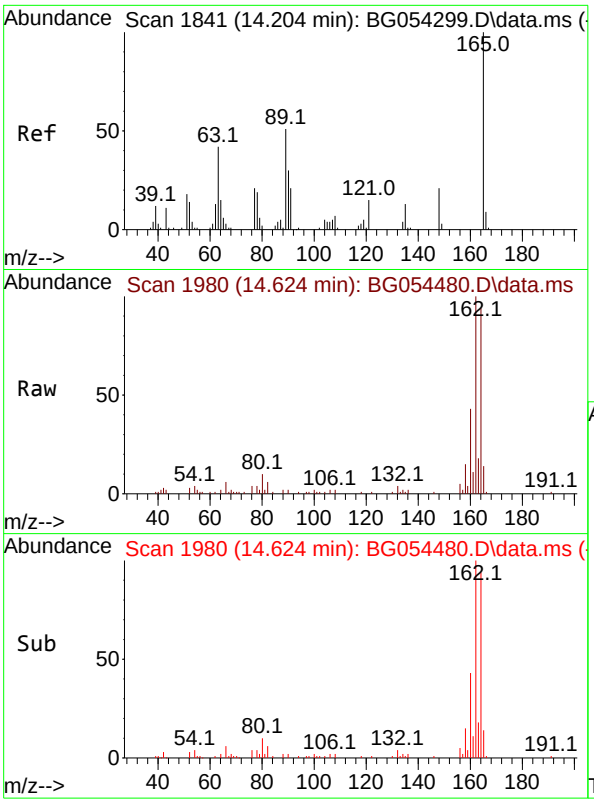


#45
2-Fluorobiphenyl
Concen: 71.649 ng
RT: 13.244 min Scan# 1745
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:172 Resp: 216690

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.3	18.9	28.3



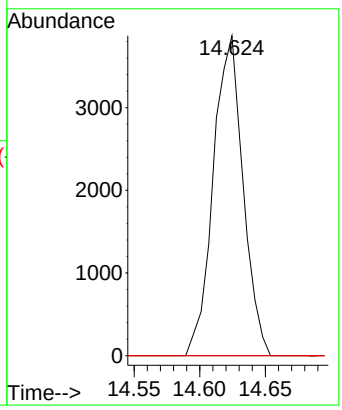


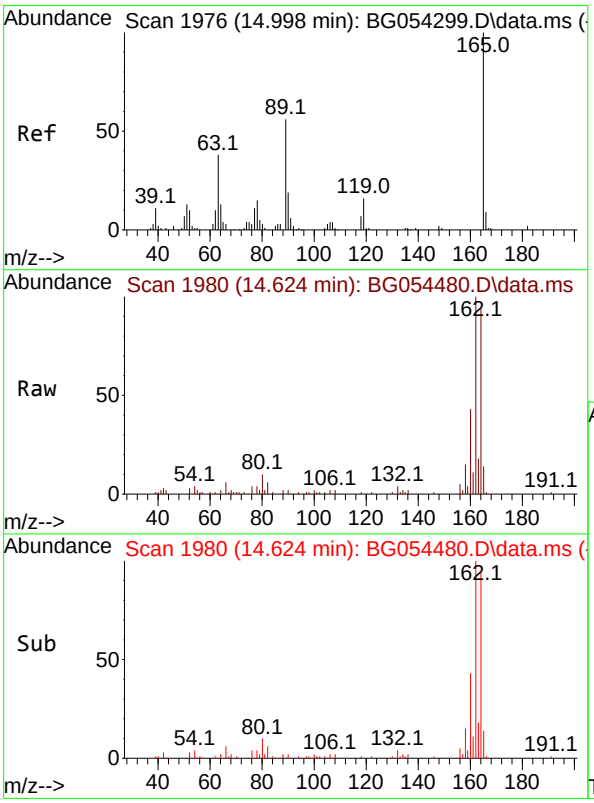
#51
2,6-Dinitrotoluene
Concen: 8.352 ng
RT: 14.624 min Scan# 1
Delta R.T. 0.426 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:165 Resp: 6105

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

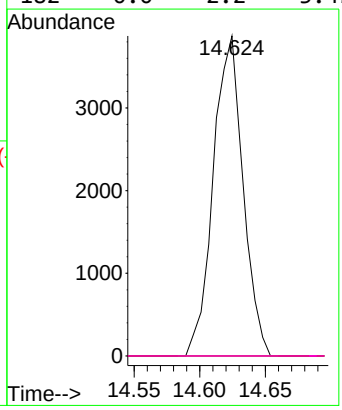


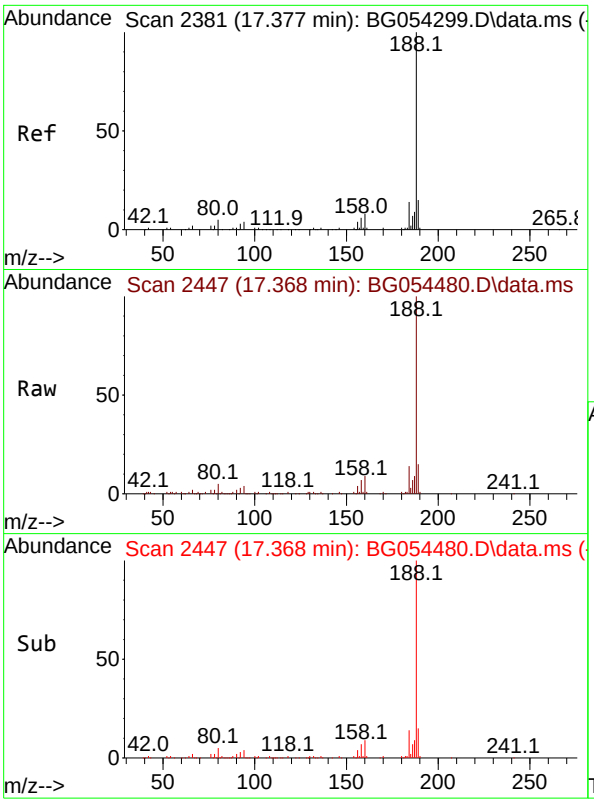


#57
2,4-Dinitrotoluene
Concen: 5.826 ng
RT: 14.624 min Scan# 1980
Delta R.T. -0.367 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:165 Resp: 6105

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#



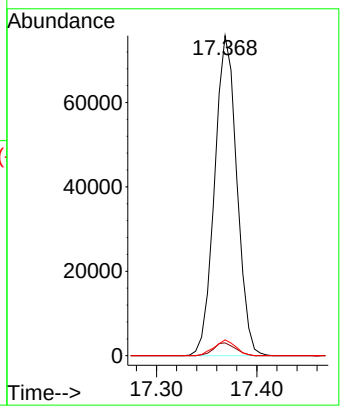


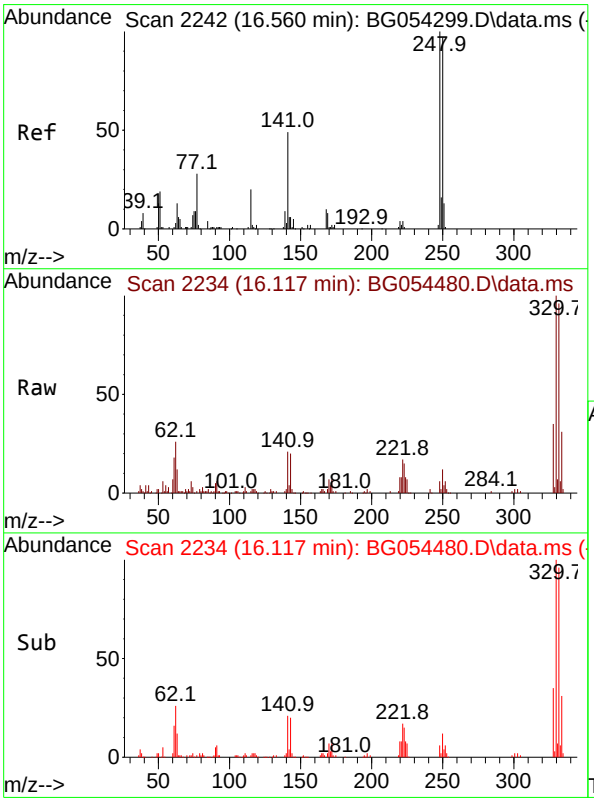
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:188 Resp: 116732

Ion	Ratio	Lower	Upper
188	100		
94	4.0	5.4	8.0#
80	5.0	6.8	10.2#

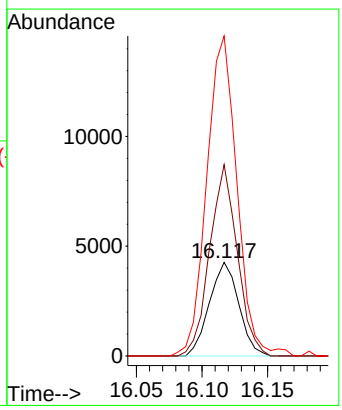


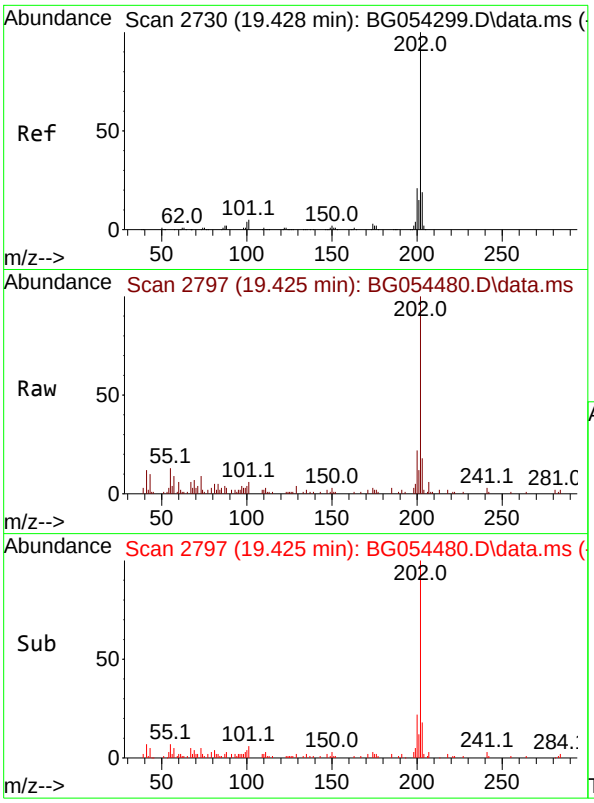


#67
4-Bromophenyl-phenylether
Concen: 4.047 ng
RT: 16.117 min Scan# 2234
Delta R.T. -0.438 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:248 Resp: 6634

Ion	Ratio	Lower	Upper
248	100		
250	153.8	75.2	112.8#
141	257.1	50.0	75.0#



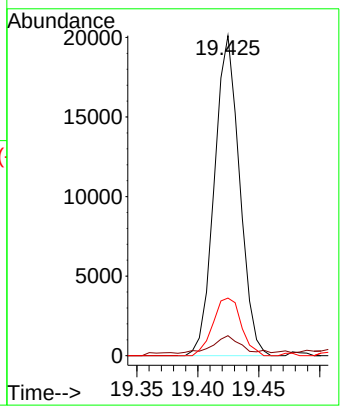


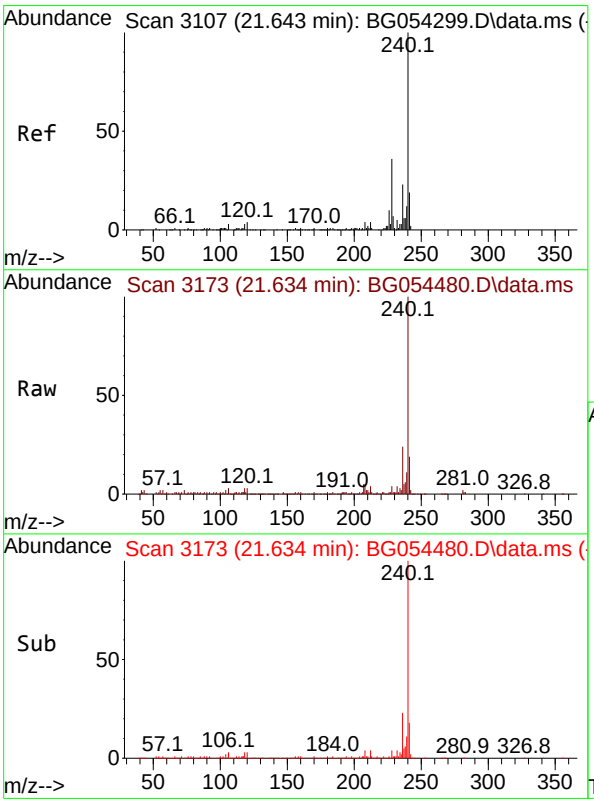
#75
Fluoranthene
Concen: 3.648 ng
RT: 19.425 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:202 Resp: 28911

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	26.9
203	18.0	0.0	37.2

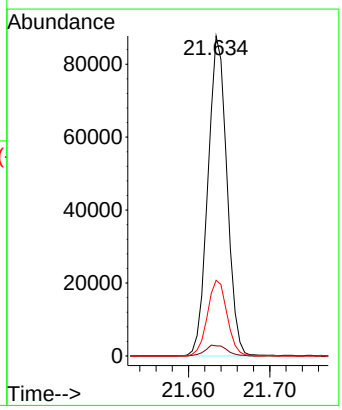


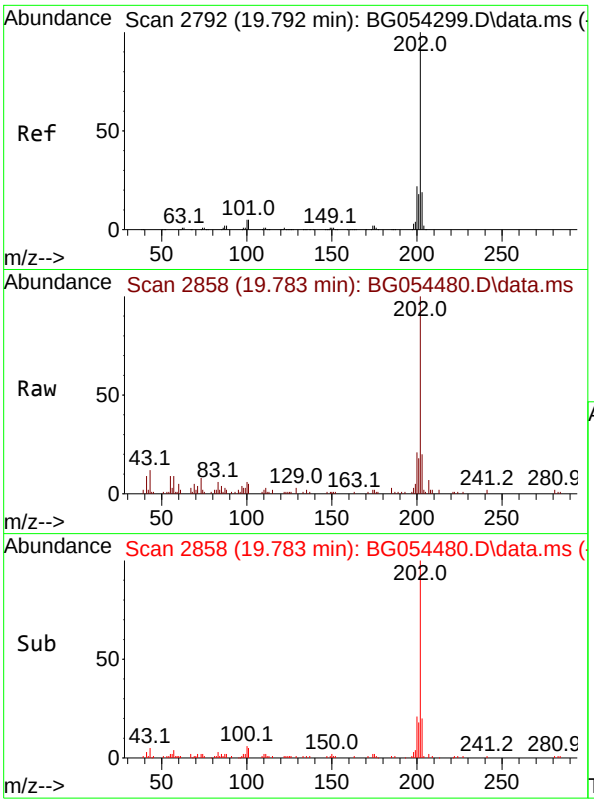


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:240 Resp: 142534

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.6	7.0#
236	23.6	20.2	30.4



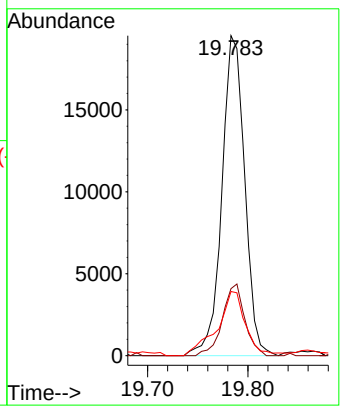


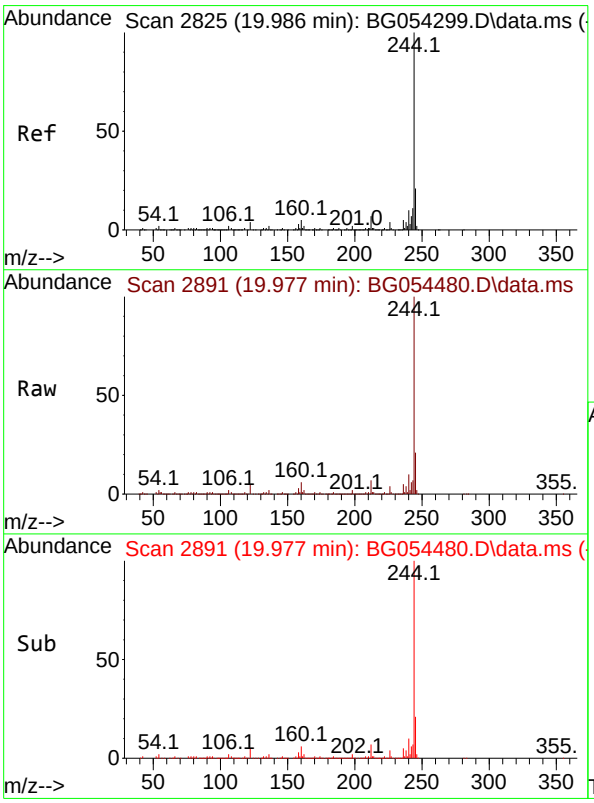
#78
Pyrene
Concen: 3.767 ng
RT: 19.783 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:202 Resp: 30806

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	20.1	14.6	21.8

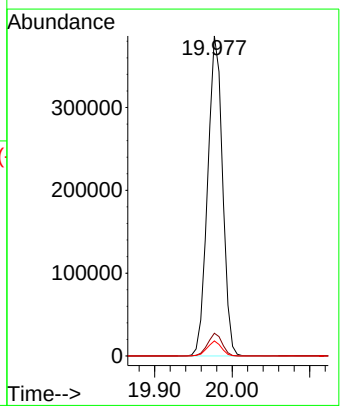


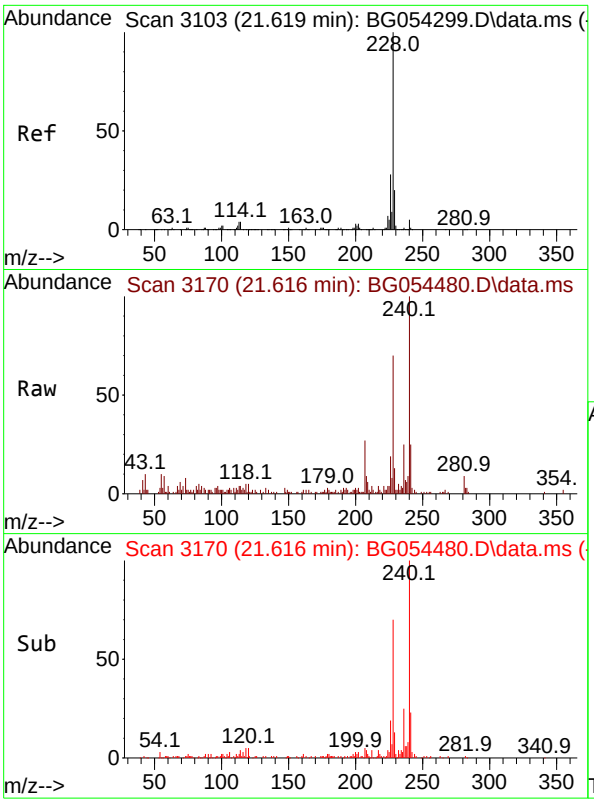


#79
Terphenyl-d14
Concen: 71.870 ng
RT: 19.977 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:244 Resp: 516379

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	4.7	5.0	7.4#



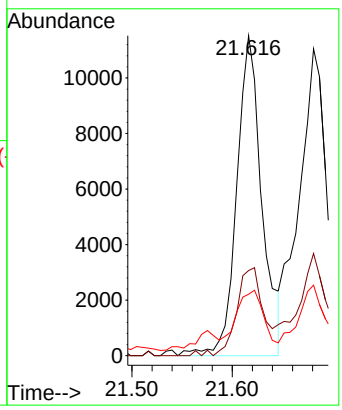


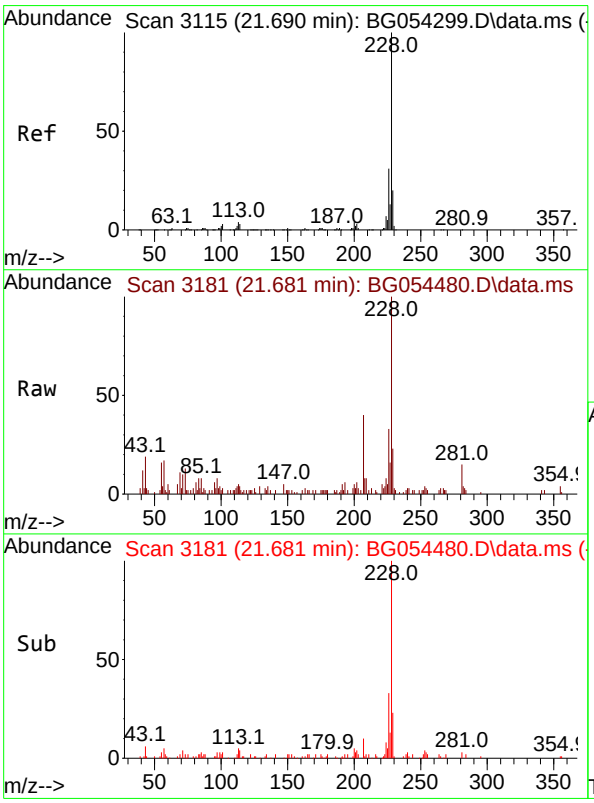
#81
Benzo(a)anthracene
Concen: 2.221 ng
RT: 21.616 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:228 Resp: 20096

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.6	32.4
229	19.2	16.2	24.2

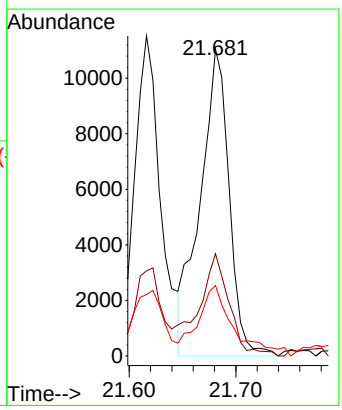


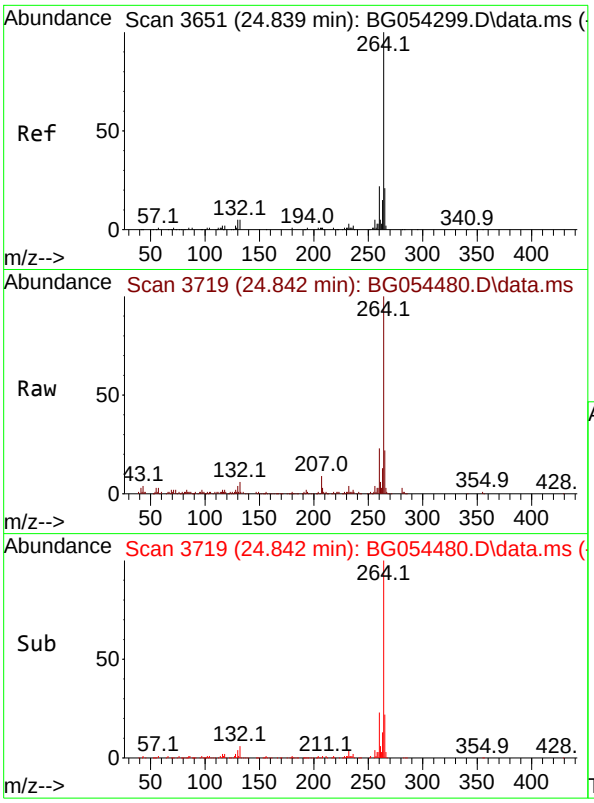


#83
Chrysene
Concen: 2.460 ng
RT: 21.681 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:228 Resp: 21031

Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.4	35.2
229	23.0	15.5	23.3



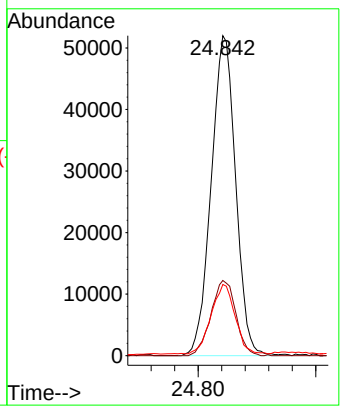


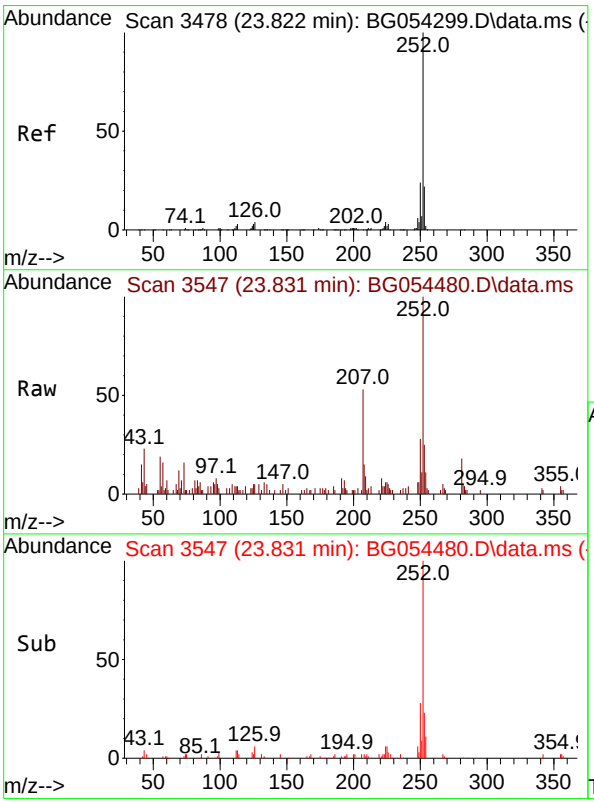
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.842 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:264 Resp: 149920

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.2	17.4	26.2

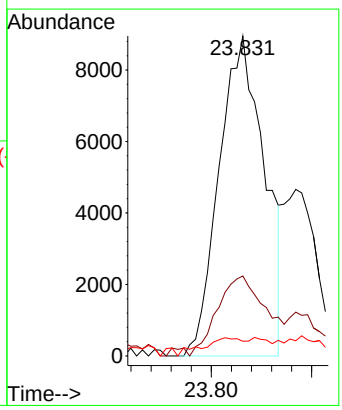


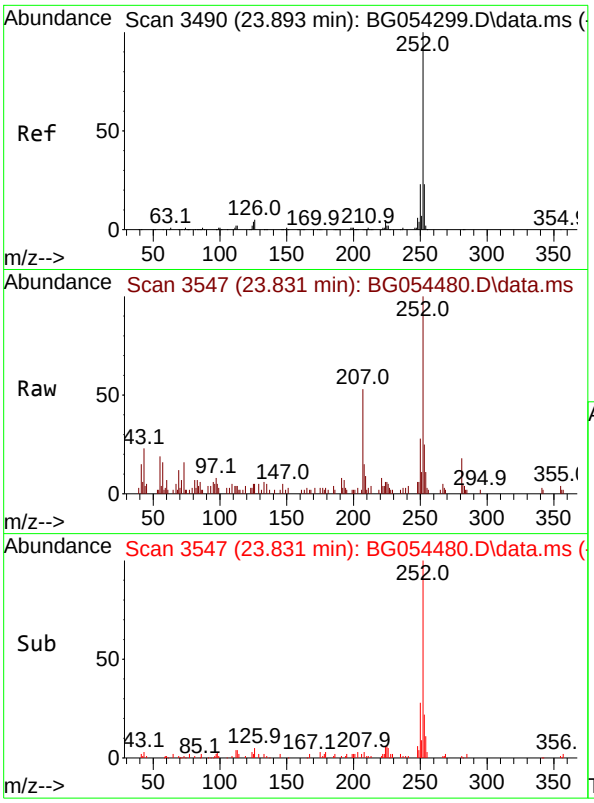


#88
Benzo(b)fluoranthene
Concen: 3.159 ng
RT: 23.831 min Scan# 3547
Delta R.T. 0.009 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:252 Resp: 28005

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	4.6	4.6	6.8



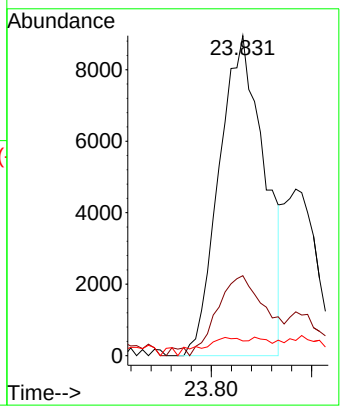


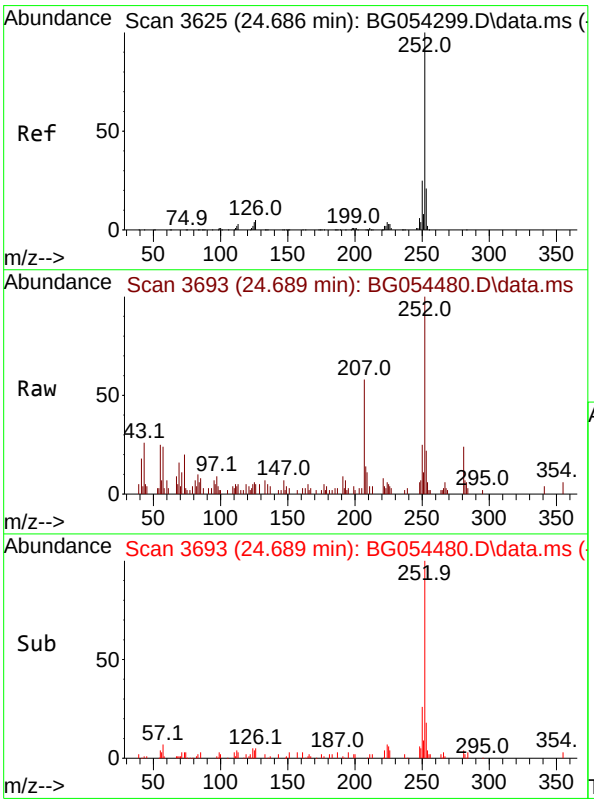
#89
Benzo(k)fluoranthene
Concen: 3.174 ng
RT: 23.831 min Scan# 3
Delta R.T. -0.056 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Instrument :
BNA_G
ClientSampleId :
RVE-27

Tgt Ion:252 Resp: 28005

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	4.6	4.8	7.2#





#90
Benzo(a)pyrene
Concen: 2.819 ng
RT: 24.689 min Scan# 3693
Delta R.T. 0.003 min
Lab File: BG054480.D
Acq: 2 Aug 2022 12:40

Tgt Ion:252 Resp: 21342

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	6.4	4.3	6.5