Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
Data File : BG054483.D
Acq On : 2 Aug 2022 14:45
Operator : CG/JU
Sample : N3894-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-23

Quant Time: Aug 03 04:13:44 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	7.983	152	18393	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	73555	20.000	ng	#	0.00
39) Acenaphthene-d10	14.622	164	55675	20.000	ng		0.00
64) Phenanthrene-d10	17.366	188	134453	20.000	ng	#	0.00
76) Chrysene-d12	21.638	240	150514	20.000	ng	#	0.00
86) Perylene-d12	24.840	264	163352	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.568	112	100060	113.583	ng		0.00
7) Phenol-d6	7.178	99	133773	110.821	ng		0.00
23) Nitrobenzene-d5	9.146	82	91134	67.472	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	121742	104.145	ng		0.00
45) 2-Fluorobiphenyl	13.242	172	275389	69.778	ng		0.00
79) Terphenyl-d14	19.975	244	566647	74.685	ng		0.00
Target Compounds							Qvalue
75) Fluoranthene	19.423	202	49558	5.430	ng		94
78) Pyrene	19.787	202	63345	7.335	ng		97
81) Benzo(a)anthracene	21.614	228	40086	4.196	ng		98
83) Chrysene	21.679	228	46864	5.192	ng		96
88) Benzo(b)fluoranthene	23.823	252	70055	7.252	ng		98
90) Benzo(a)pyrene	24.687	252	45378	5.500	ng		99
92) Benzo(g,h,i)perylene	29.681	276	38261	3.794	ng	#	93

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

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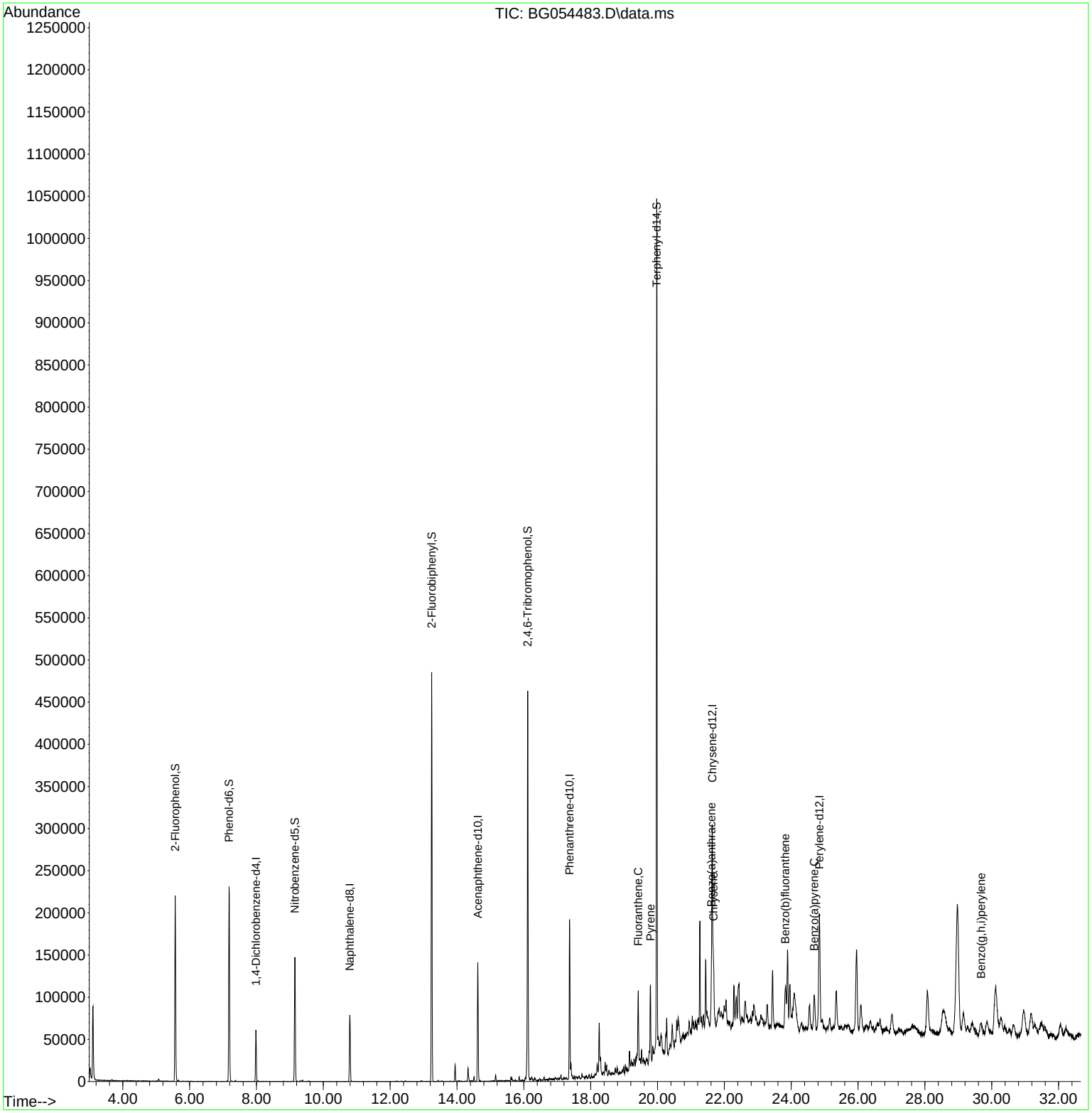
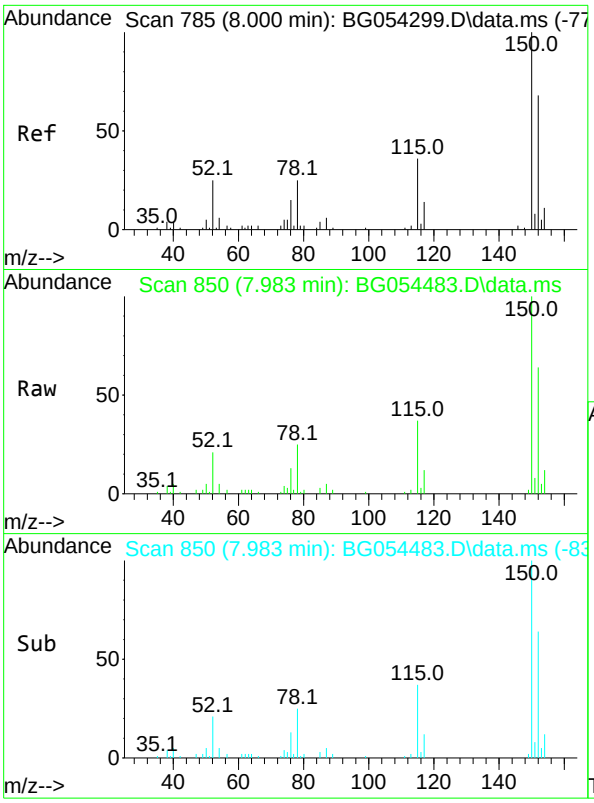


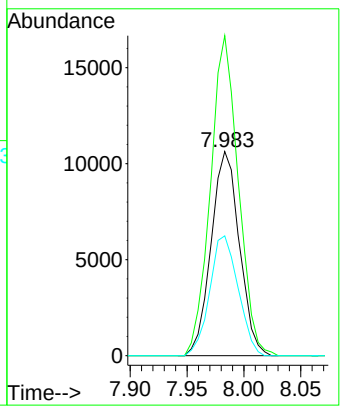


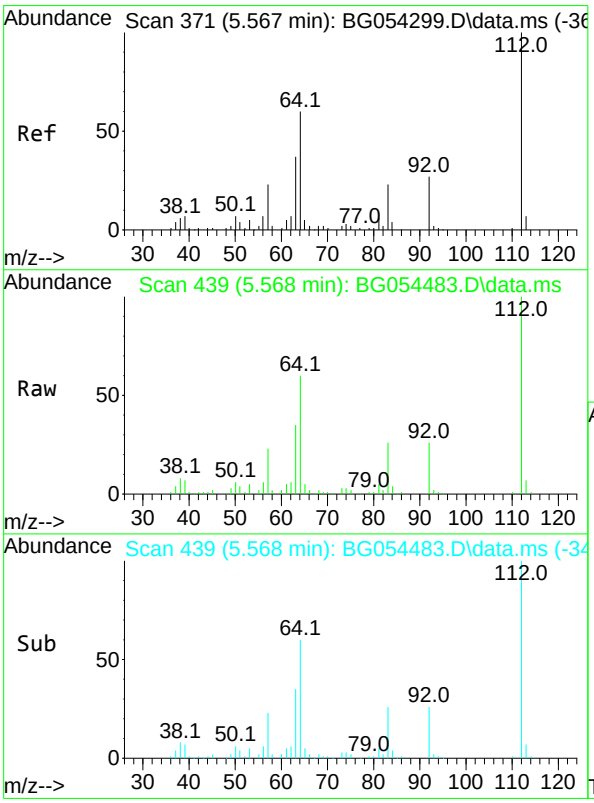
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.983 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion:152 Resp: 18393

Ion	Ratio	Lower	Upper
152	100		
150	156.7	131.6	197.4
115	58.7	50.9	76.3

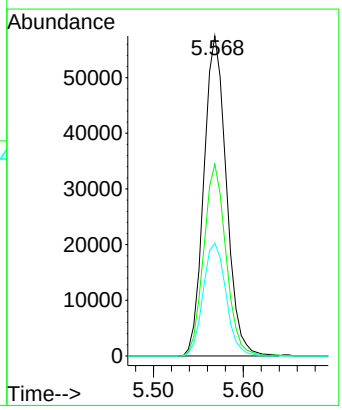


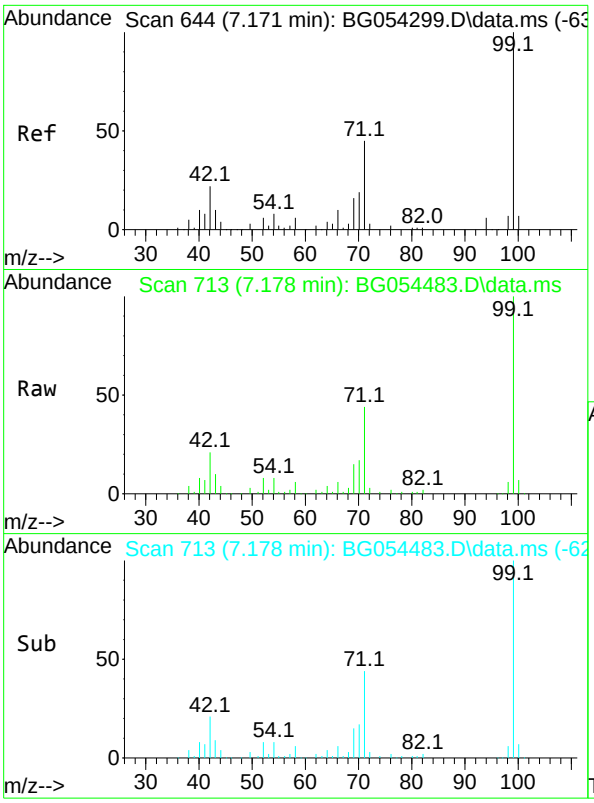


#5
2-Fluorophenol
Concen: 113.583 ng
RT: 5.568 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Tgt Ion:112 Resp: 100060

Ion	Ratio	Lower	Upper
112	100		
64	59.9	55.1	82.7
63	35.3	30.4	45.6



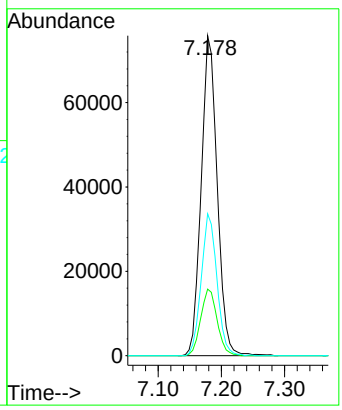


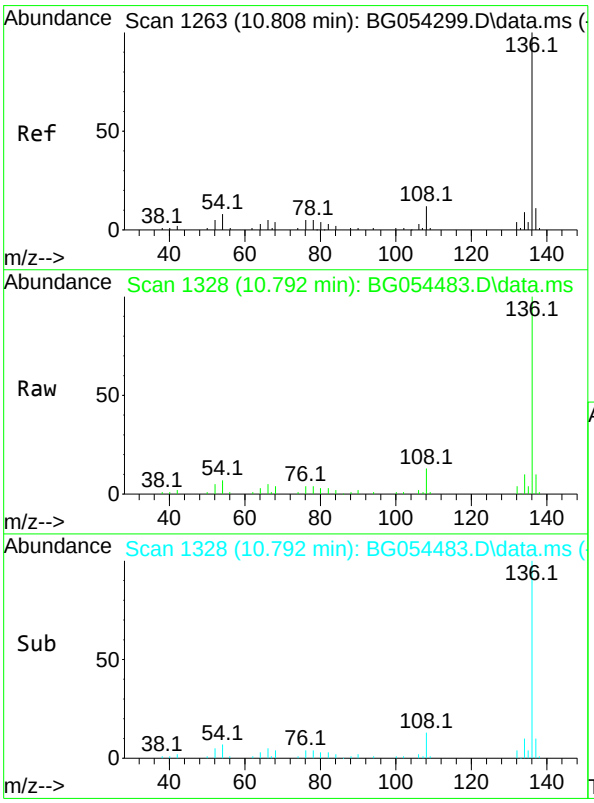
#7
Phenol-d6
Concen: 110.821 ng
RT: 7.178 min Scan# 7
Delta R.T. 0.006 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion: 99 Resp: 133773

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.6
71	44.3	33.8	50.8

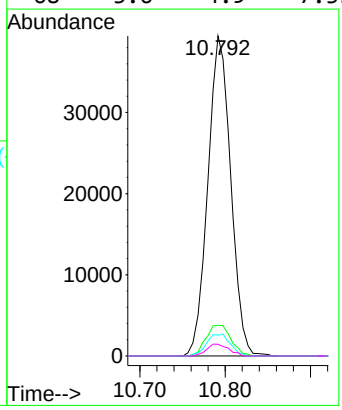


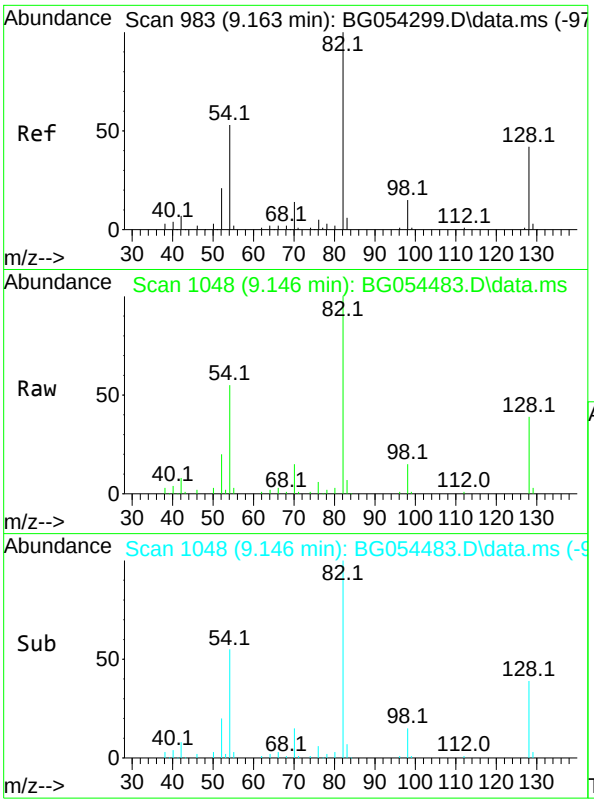


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1328
Delta R.T. -0.005 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Tgt Ion:136 Resp: 73555

Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.5	12.7
54	6.5	7.4	11.2#
68	3.6	4.9	7.3#



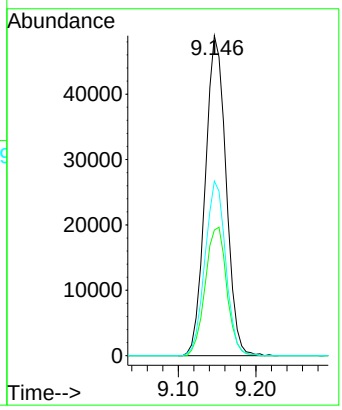


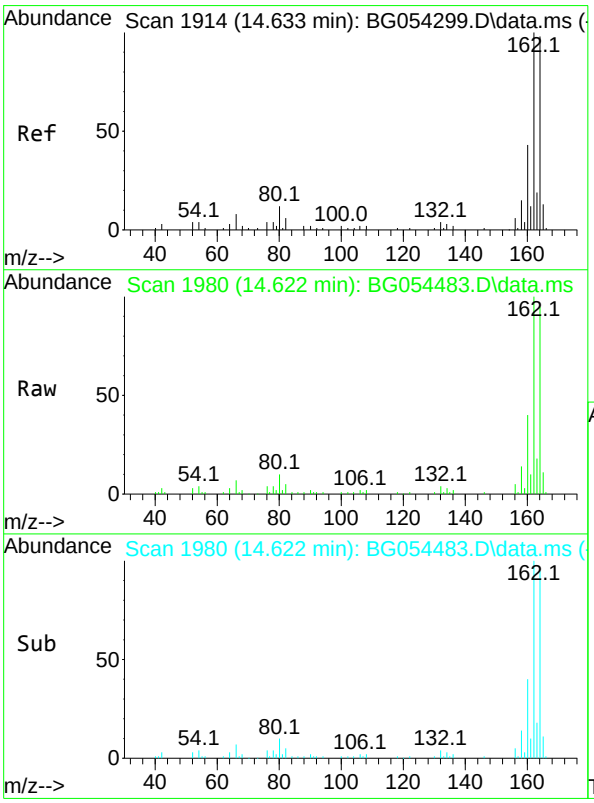
#23
Nitrobenzene-d5
Concen: 67.472 ng
RT: 9.146 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion: 82 Resp: 91134

Ion	Ratio	Lower	Upper
82	100		
128	39.3	27.9	41.9
54	54.6	41.2	61.8

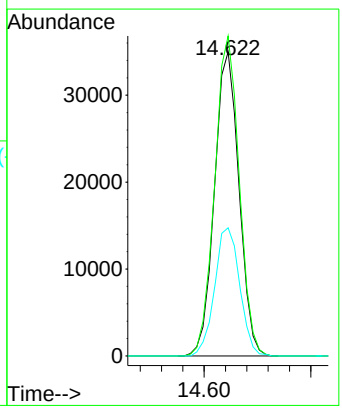


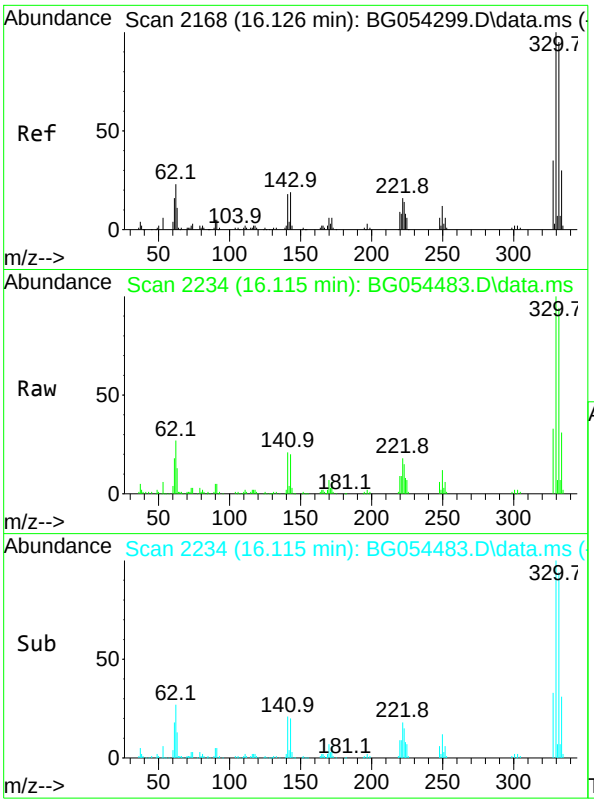


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.001 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Tgt Ion:164 Resp: 55675

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.3	123.5
160	42.2	34.2	51.2



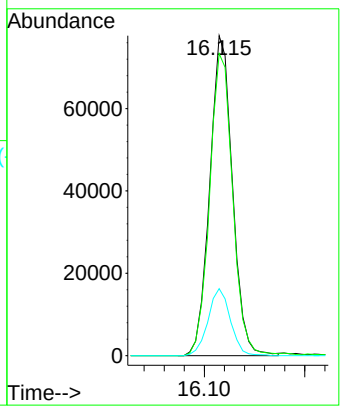


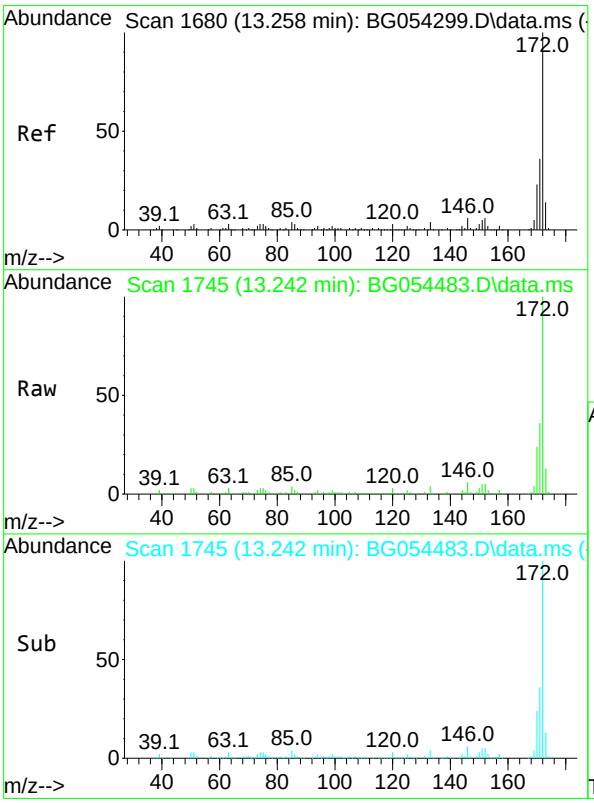
#42
2,4,6-Tribromophenol
Concen: 104.145 ng
RT: 16.115 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion:330 Resp: 121742

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	20.7	27.1	40.7#

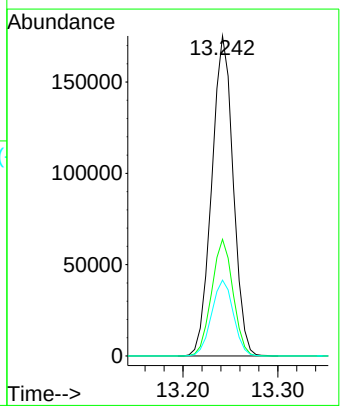


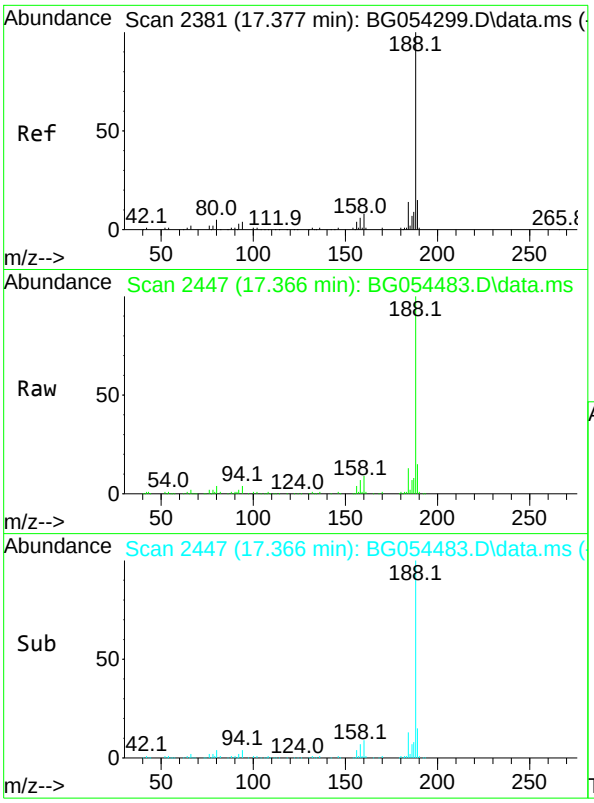


#45
2-Fluorobiphenyl
Concen: 69.778 ng
RT: 13.242 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Tgt Ion:172 Resp: 275389

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	23.7	18.9	28.3



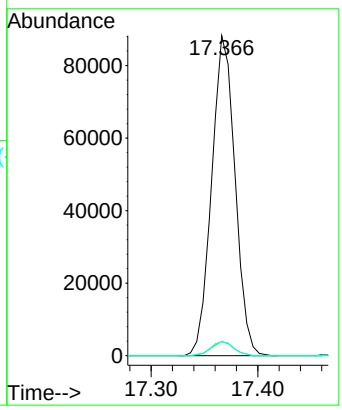


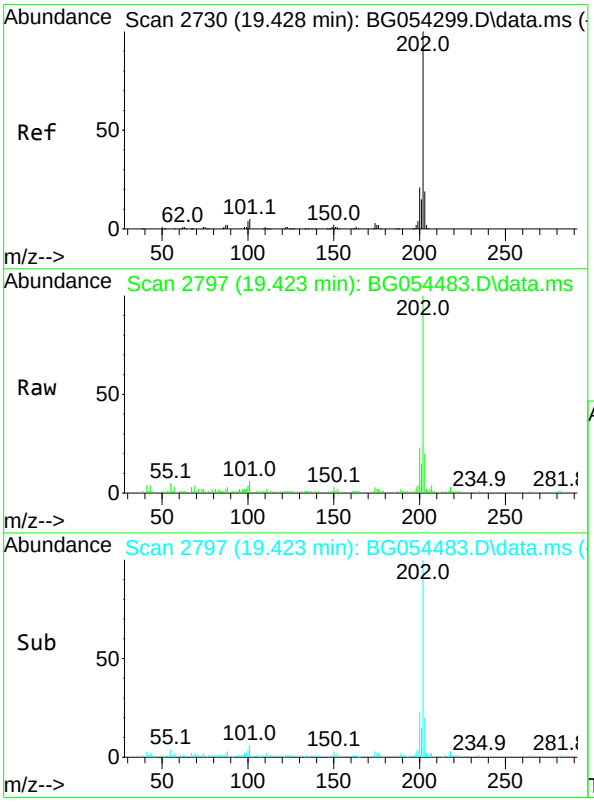
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion:188 Resp: 134453

Ion	Ratio	Lower	Upper
188	100		
94	4.4	5.4	8.0#
80	4.3	6.8	10.2#

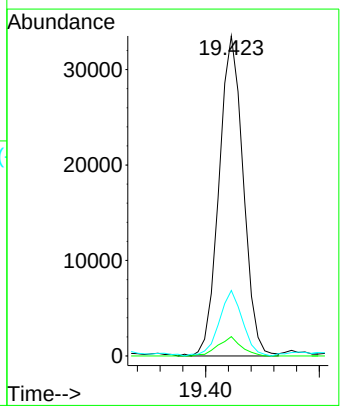


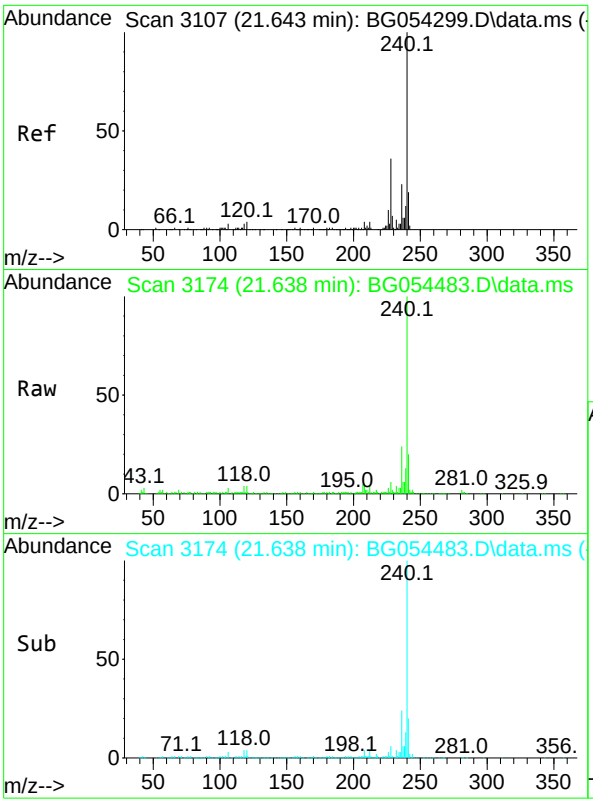


#75
Fluoranthene
Concen: 5.430 ng
RT: 19.423 min Scan# 2797
Delta R.T. 0.001 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Tgt Ion:202 Resp: 49558

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	26.9
203	20.5	0.0	37.2



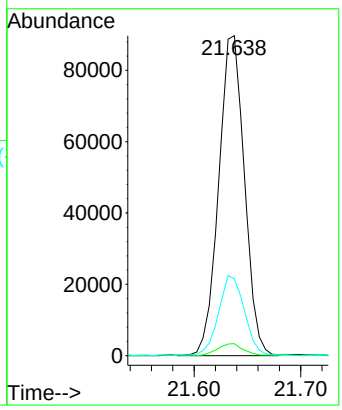


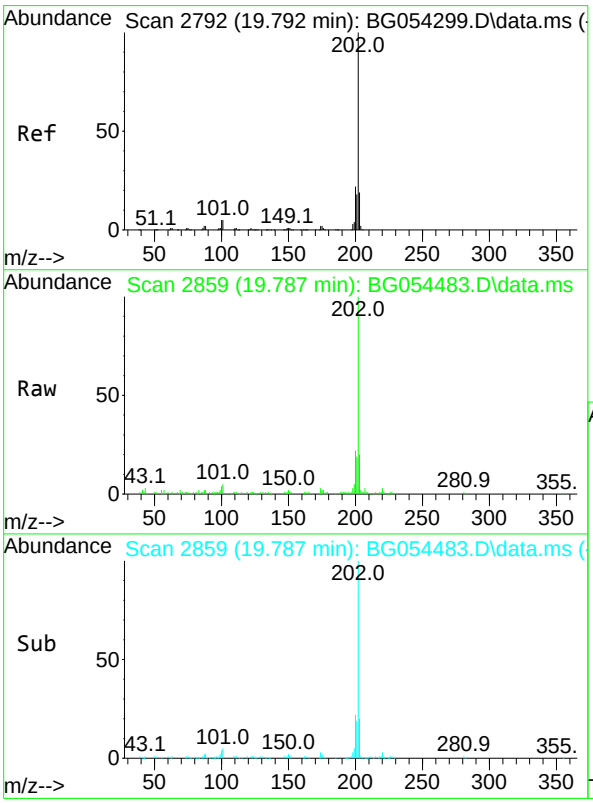
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.638 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion:240 Resp: 150514

Ion	Ratio	Lower	Upper
240	100		
120	3.7	4.6	7.0#
236	24.0	20.2	30.4

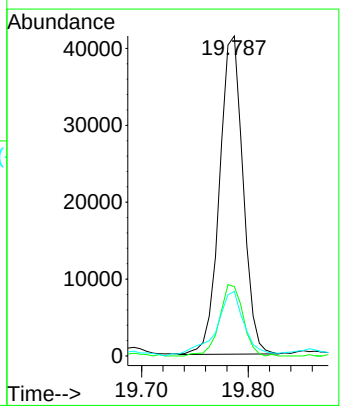


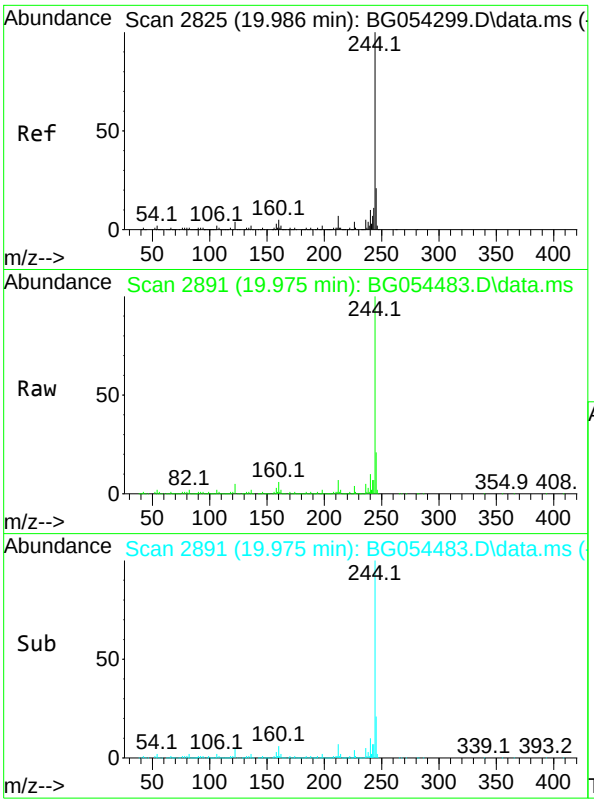


#78
Pyrene
Concen: 7.335 ng
RT: 19.787 min Scan# 2859
Delta R.T. 0.001 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Tgt Ion:202 Resp: 63345

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	24.8
203	20.2	14.6	21.8



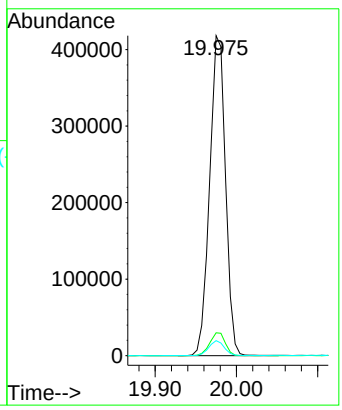


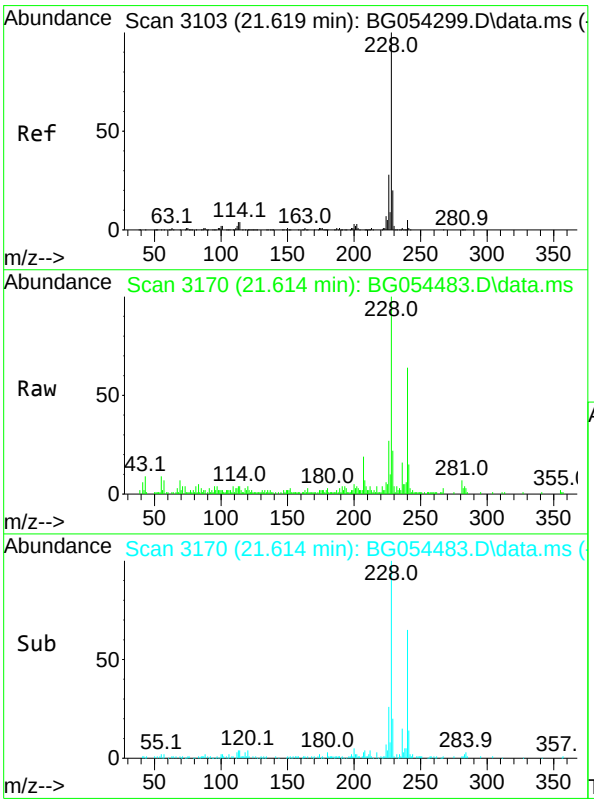
#79
Terphenyl-d14
Concen: 74.685 ng
RT: 19.975 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion:244 Resp: 566647

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	4.7	5.0	7.4#

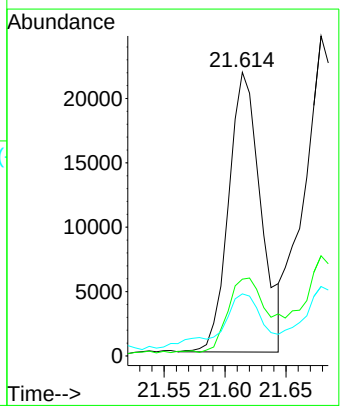


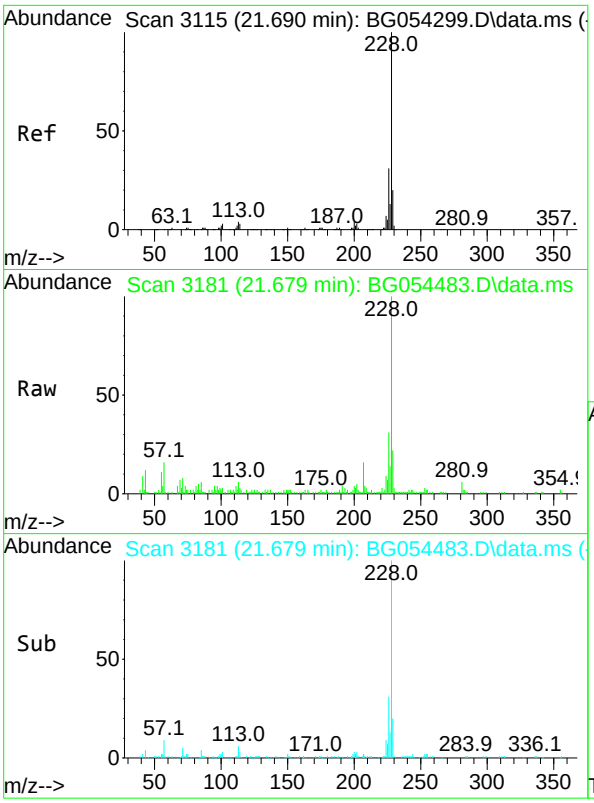


#81
Benzo(a)anthracene
Concen: 4.196 ng
RT: 21.614 min Scan# 3170
Delta R.T. 0.001 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Tgt Ion:228 Resp: 40086

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	21.9	16.2	24.2



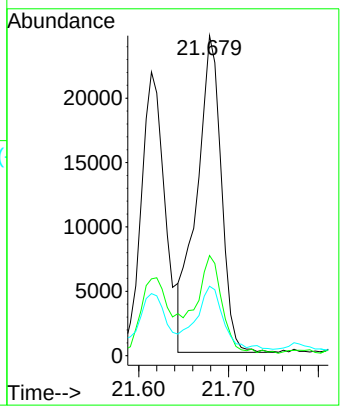


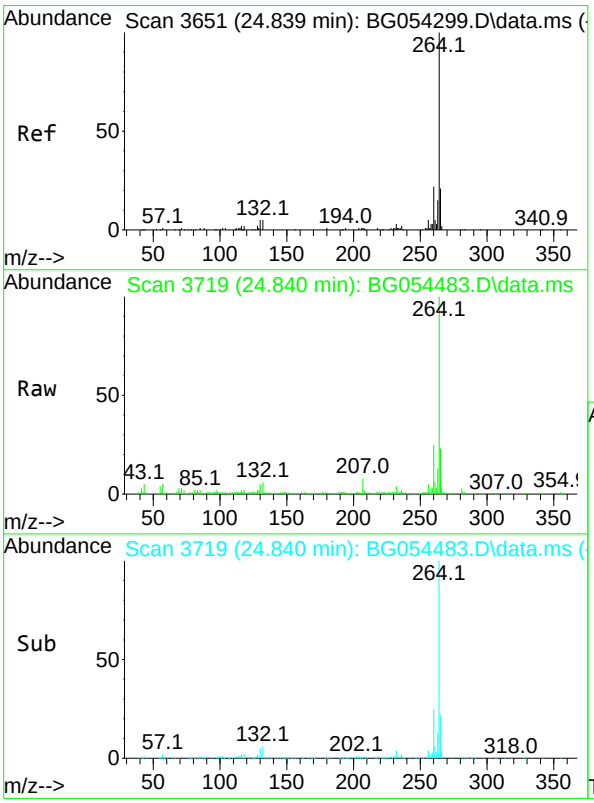
#83
Chrysene
Concen: 5.192 ng
RT: 21.679 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion:228 Resp: 46864

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	21.7	15.5	23.3

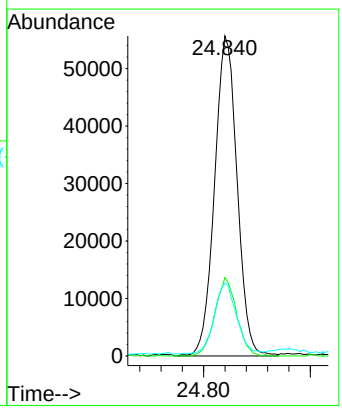


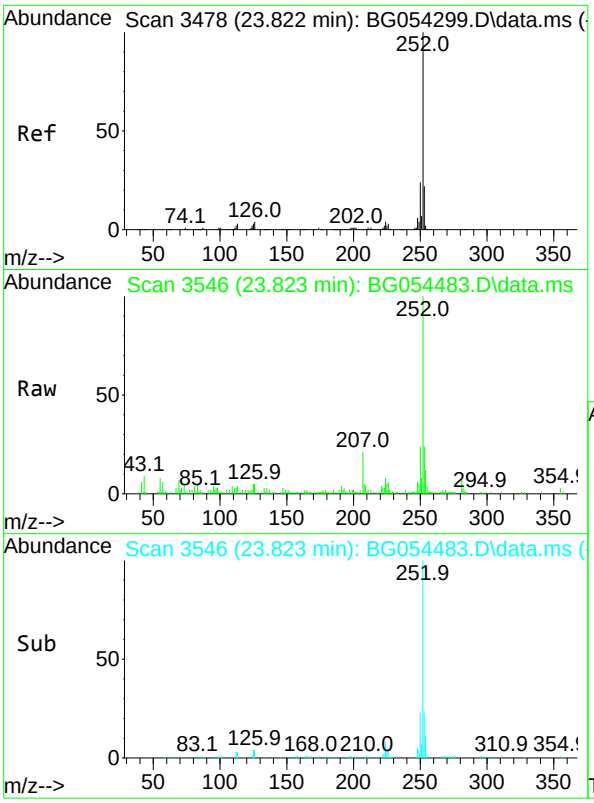


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.840 min Scan# 3719
Delta R.T. 0.006 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Tgt Ion:264 Resp: 163352

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.8	17.4	26.2



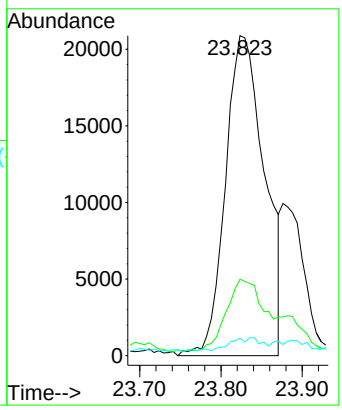


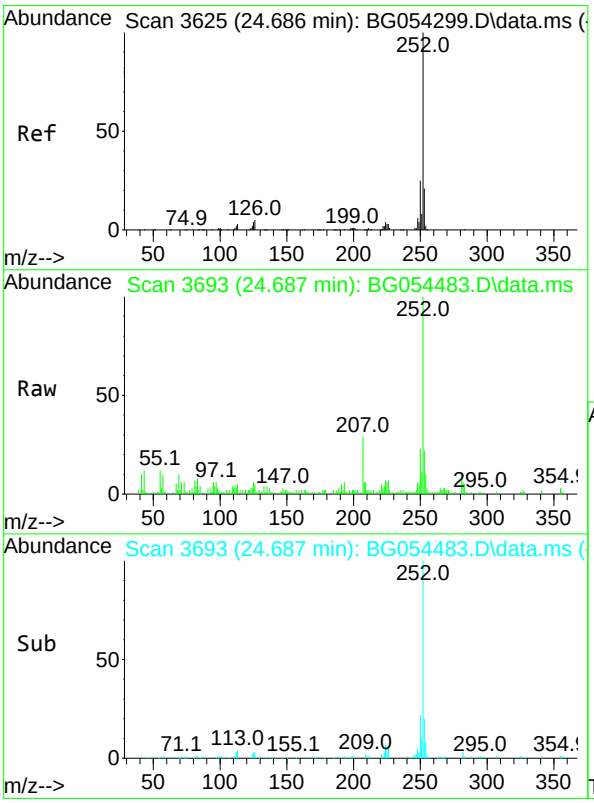
#88
Benzo(b)fluoranthene
Concen: 7.252 ng
RT: 23.823 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion:252 Resp: 70055

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	5.4	4.6	6.8

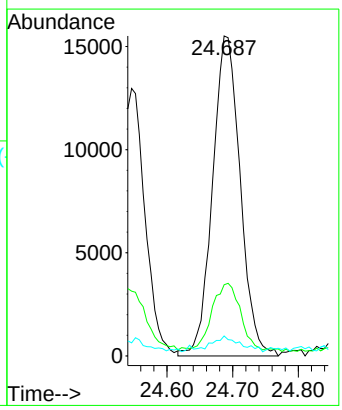


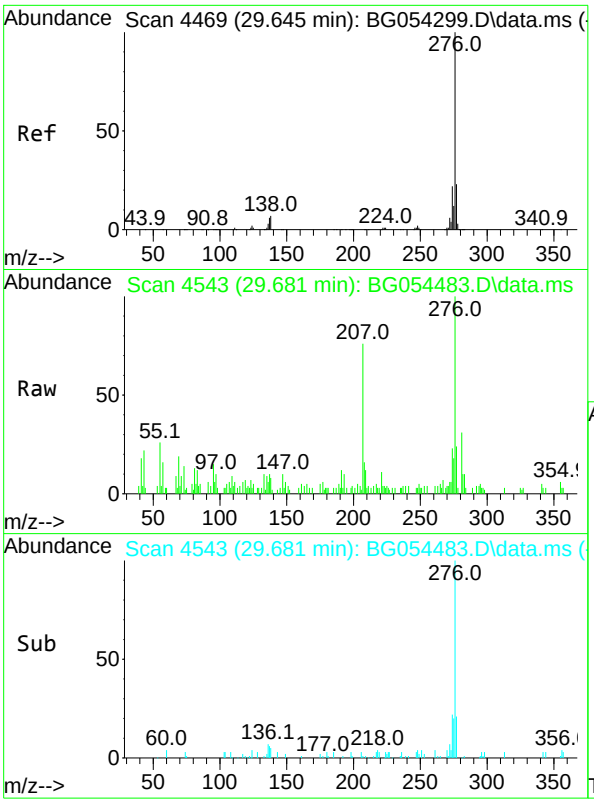


#90
Benzo(a)pyrene
Concen: 5.500 ng
RT: 24.687 min Scan# 3693
Delta R.T. 0.001 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Tgt Ion:252 Resp: 45378

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	6.3	4.3	6.5





#92
Benzo(g,h,i)perylene
Concen: 3.794 ng
RT: 29.681 min Scan# 4
Delta R.T. 0.018 min
Lab File: BG054483.D
Acq: 2 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
RVE-23

Tgt Ion:276 Resp: 38261

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.3	25.9
138	7.8	9.6	14.4#